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THE CLIMATE OF COLORADO

A FORTY-ONE YEAR RECORD

BY ROBERT E. TRIMBLE

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THE CLIMATE OF COLORADO

A FORTY-ONE YEAR RECORD

BY ROBERT E. TRIMBLE

When we speak of the climate of Colorado, we have great differences to consider. The state occupies a central position in the western half of the United States between latitude 37° and 41° north, and longitude 102° and 109° west. Colorado has the highest mean altitude of any state. The natural diversities which result from its latitude and differences in altitude, caused by the Rocky Mountains crossing the central part of the state from the northern to the southern boundary, with elevations running from 3,500 feet at its eastern border to over 14,000 feet at the summit of various peaks, are very large. The eastern two-fifths of the state lie in the Great Plains, and from the mountains to the eastern border of the state it is a gently sloping plain and level enough for farming operations. This is crossed by the valleys of the Arkansas and South Platte rivers and their numerous tributaries. The main range of the Rockies passes north and south thru the central part of the state, with numerous secondary ranges and spurs running in all directions in the western part, giving Colorado the greatest extent and widest variety of mountain scenery to be found in the West.

Western Colorado lies in the Pacific watershed and contains the largest streams in the state. Its surface is more broken, but contains many fine mesas and narrow fertile valleys. In the mountain regions are a number of large upland parks, namely, North, Middle and South Parks, while the San Luis Valley in the southern part is a remarkably flat basin of immense size which was evidently, at one time, the bed of a lake or inland sea. Estes Park is also a beautiful rolling scenic park which lies at the foot of Long's Peak and which has been made into a national park. With the building of roads, Estes Park has become one of the most scenic and attractive resorts in the West. The average height of timberline is about 11,500 feet, varying from 10,000 to 12,000 feet.

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 the mild effect of our temperature, altho the thermometer in this state often registers as high as 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, immersed in water and rotated in the air. The reading gives the sensible temperature. 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 shown by the thermometer. Evaporation thus affects, also, the temperature experienced by a person. 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.

TEMPERATURE

The supply of heat received directly from the sun is so much larger than from any other source that the effect from other sources may be considered as negligible. The heat received from the sun is variable, due to sun spots and other causes. These changes of the sun's heat are small and seldom exceed 3 percent. altho at times they vary as much as 5 percent. However, results seem to indicate that solar changes as small as 1 percent or less are great enough to produce noticeable effects on the weather. Annual and diurnal temperature changes are much greater than those due to solar variation; however, a small change in the temperature range may alter the distribution of heat by ocean and air currents, resulting in a large difference in the temperature at a given place.

The oceans are the great storehouses of the sun's heat, and by warm currents distribute the accumulated heat of the tropics to regions poleward from the latitudes of their origin. Hence we find the latitude—the distance north or south of the equator—of great importance as to the heat received. The general distribution of temperature over the earth's surface, as well as changes from day to night and from season to season, depends upon variations in the intensity and the duration of sunshine. If the sun alone were concerned, all places on the same parallel of latitude would have the same climate, for the intensity and amount of sunshine depend upon the angle at which the sun's rays are received and upon the length of day. Both of these depend upon the latitude. Besides the warm currents of the ocean transferring the heat of the tropics to the colder regions, we have the atmosphere warmed, rising, and flowing poleward, while the colder heavier air at the poles flows toward the equator, and sets up a system of winds that are in action all the time.

The difference between the temperatures of oceans and continents, and irregularities on land and water create disturbances of varying forms of storms, cyclones or low areas, and anti-cyclone or high areas. These contain smaller storms, as thunderstorms, tornadoes, and the local rain and snow or wind storms. The cyclones and anti-cyclones vary from a minimum of 200 to 300 square miles in area to as much as several thousand square-miles as a maximum. The path of these storms is from the Pacific northwest down thru Montana and the Dakotas to the Great Lakes, and out the St. Lawrence River to the Atlantic Ocean. However, oftentimes cyclones or low areas originate here in the Rocky Mountains. At other times, these disturbances are from the Pacific Ocean and cross thru New Mexico to the south of us. Mountain ranges, aside from local effects of altitude, control climate by obstructing the movement of winds and depriving them of their moisture. Air flowing up a mountain slope is cooled by expansion and tends to condense its water vapor, causing an increase of rainfall with altitude. Prevailing winds, westerly during the winter time in our location, modify the relation of precipitation to altitude. Mountains exposed to a damp wind have a wet windward and a dry leeward side.

Since our position is south of the tracks of the majority of the storms as they cross from west to east, the state is generally dominated by the warm and dry quadrants of the "low" areas that move eastward with great regularity, and, therefore, escapes, in part, the attendant precipitation of moisture and high wind movement.

During the fall and winter months, we often have a low

atmospheric pressure east of the mountains and a high one over the Salt Lake region, causing the wind to come rapidly over the mountains. As it rises, the altitude causes it to become much cooler and unable to hold the moisture, which falls on the Western Slope as snow or rain. The latent heat in the process becomes specific, so that the wind reaches the top of the range cooler, due to the altitude, but relatively warmer, so that when the wind descends on the Eastern Slope, it gains heat by the decrease in altitude and we have a chinook wind. The appearance of the chinook wind can usually be foretold several hours by the appearance of a long banner of clouds extending along the tops of the mountains.

A warm dry wind, the velocity of which often reaches 40 to 50 miles an hour, depends upon the difference between the pressure of the "high" and "low" areas. This wind dries and melts the snow, if any, and makes for a much milder climate than would otherwise be the case. During the winter months, when the ground is bare, the weather seems warmer and pleasanter, even tho the thermometers at night are low. During the winter season, especially the month of January, if the ground is covered with snow, due to our altitude and usually clear sky favorable to high radiation, and the short duration of the sun above the horizon and the slant of its rays, the sun does not warm up the air as much as at other times when the ground is bare and the sun is higher on the horizon.

Another feature of our climate is the cold wave which comes from the north or northeast with a fall of temperature of 20° to 40°, quite often accompanied with a light fall of snow. The temperature being low, the moisture content is not as great as at other times, so that usually the fall in precipitation is light. These conditions arise when it is "low" to the south and "high" to the north, and the circulation of the wind is such that the cold of the north reaches us without crossing the mountains. The cold air during a great many of the cold waves does not extend as high as the tops of the mountains, for quite often the valley will be colder than, say, Estes Park, which is colder during the rest of the year.

PRECIPITATION

The precipitation for Colorado, at large, is deficient in most places for the successful growing of agricultural crops, altho in some communities good results are being obtained by careful handling of the soil and care in its cultivation. However, generally speaking, it is irrigation water applied in addition to the supply received by precipitation that enables the farmers to grow crops that are abundant.

The state is arid and all the preciptation that falls, be it rain or snow, is of value. The portion that falls in the winter months as snow, especially in the mountains, becomes available for irrigation when taken from the streams by the use of canals and ditches. Some of our best and most profitable crops need irrigation, after the high water in the streams during the early spring and summer has passed and the snow is largely melted. The rain in the mountains, and water previously stored in the reservoirs, are of great service in adding to the scant supply of the river at that season of the year, and make for bountiful crops which could not otherwise be grown, besides adding very largely to the amount of land that can be cultivated.

At the experiment station, the average rainfall for 45 years' record is 15.03 inches. Fortunately for the growing of agricultural crops and range for pasturing livestock, 11.86 of the 15.03 inches fall from March 1 to September 30, which amount is directly available for most crops grown. Of the other 3.17 inches, 1.16 inches during the month of October usually fall as rain, and while not directly usable by crops in growth, it is of great value in preparing the ground for harvesting and putting it in better condition for the winter wheat, the orchards and ranges. The remaining 2.01 inches fall almost enteirely as snow. Altho not entirely dissipated on the lower areas, it is drifted and packed in the mountains, especially in the timber and on north slopes, for use of the farms the next summer in the form of irrigation water from the streams.

There is a great difference in the amount of moisture in a given amount of snow according to its condition, whether light and powdery or damp and heavy. On the average, the amount of precipitation is 1-10 the dept of snow. During cold weather, however, it is often nearer 14 inches of snow to 1 of rainfall.

The mean meteorological elements—the temperature, wind, rain, etc.—are not subject to change, but by taking advantage of the available supply of water in the streams, the danger of droughts and marked deficiency of rainfall can be ameliorated and successful crops grown by the utilization of water in reservoirs when needed.

The forests that cover the sides of the mountains should be protected, for while they will not increase the supply of moisture directly because the ocean, mountains, topography, location and winds determine the climate of a place, they will retard the melting of the snow and the drainage, thus making the water supply available at a later date. When the forests are removed, rains falling on the steep sides of the mountains run off quickly and are carried to the streams rapidly. Unless caught by reser-

voirs, they are lost for beneficial use and only tend to cause the large rivers lower down to be in flood stage later and at times do immense damage.

The rainfall of the state decreases from the Kansas state line to near the base of the mountains, where it increases westward to the crest.

The lowest rainfall occurs in an area lying parallel to and about 30 to 40 miles east of the base of the mountains. The rainfall is variable and in some localities is twice as much as found only a short distance away. This is more particularly true in the plains area than in the high mountains. To the west of the mountains or on the windward side, the precipitation is greater than on the eastern slope. In the mountain area are districts of excessive precipitation which constitute the source of the large streams, and these great accumulations of snow, when melted, contribute the main water supply which is used for irrigation on the plains and valley lands. The snowfall is a very important factor from the standpoint of irrigation in Colorado.

To interpret the rainfall records, the distribution and character of the rainfall must be taken into account as well as the amount. It scarcely needs to be said that a moderate rainfall which falls mostly in the growing season, without long intervals between rains, is far more effective than a large rainfall coming principally in the cold season, or which comes in heavy showers at irregular and infrequent intervals. Sudden and heavy downpours are of little agricultural value, for the effectiveness of a rain is measured largely by the amount which the soil absorbs, and this absorption takes place at a slow rate, varying with the soil, being approximately one-tenth inch per hour. Heavy beating showers of a few hundredths of an inch are of little value, as they penetrate only the surface of the soil, forming an incrustation, or evaporate almost immediately. Hence moderate rainfalls, well distributed during the growing months, are of the greatest value. A favorable feature of the distribution of the rainfall in Colorado, is that more than 50 percent comes during the growing season. On the divide between the Arkansas and the Platte rivers, more falls in the summer months of July and August. Speaking generally in respect to the plains, the storms of long continuance are mostly in the months of April and May, or perhaps the early part of June and October, while the immediate months of the summer have their precipitation principally in the form of thunder showers.

Even the average rainfall for any given month may in itself be misleading, and especially where the rainfall is moderate or

small and subject to occasional violent storms. The average may be far from indicating the probable quantity to be expected. More than half of the years will be below the average. A better index to the agricultural value of the rainfall is to know the certain surety of a given rainfall which can be depended upon. We may take the month of April at Fort Collins to illustrate the difference. While the average for 45 years is 2.12 inches, the record shows that practically 2 out of 3 years, (30 out of 45) have been below the average. Hence, so far as this is a guide for the future, the probability is about two to one that in any given April the rainfall will be below the average.

If, however, we count the Aprils with reference to the amount, we find that, for a quantity of 1.39 inches, half of the Aprils have been above and half below. This amount is the safer guide of what to expect. For lack of a better term, this has been called the "agricultural mean" as distinct from the ordinary average. While there is little difference between the average and the agricultural mean, it indicates that the rainfall of the month is quite certain. Local showers during the summer time may vary considerably in a short distance.

Tho 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 prevailing winds over the plains region are from the northwest in the winter and southeast during the summer, and on their water content will depend the precipitation that is received. While some seasons have brought extremely abnormal weather both in temperature and precipitation, there are good evidences that this has happened in the past and will do so in the future, but there is no apparent relation between the weather of one season or year with that of the following season or year.

The aqueous vapor in the air is a variable quantity and may be expressed in amount by weight or absolute humidity, or as usually expressed, in percentage or relative humidity, zero being entirely dry, and saturated or all it will hold being 100 percent. The ability of the air to hold water vapor differs between wide limits according to its temperature. Warm moist air rising to higher altitudes, getting colder as it ascends, becomes saturated and appears as clouds. To the lover of beautiful clouds and all the variegated colors of sunrise and sunset, the state of Colorado is second to none.

The southern and southeastern portion of a cyclone some

hundreds of miles from the center of low pressure is the favorite breeding ground for thunderstorms. Heat thunderstorms occur when the ground has been intensely heated with no special relation to the path of the cyclone. During the summer, most of our precipitation is from the thunderstorms, occasionally accompanied by hail, doing great damage at times to a narrow limited area.

There is a wide range in the driest and the wettest years. For the calendar year 1893 at Fort Collins, a total of only 7.11 inches was observed as our least annual rainfall. However, the driest twelve months was from June, 1924, to May 31, 1925, with a total of but 5.15 inches. Our wettest year in the 45 years' record was 27.57 inches in 1923. In Colorado a wet, cold March is to be desired instead of a warm windy month, because of the need of the moisture and the low temperatures which retard the development of fruit buds.

FROSTS

The average date of the last killing frost in the spring or earliest average date in the fall determines the crops, especially fruits and vegetables, that can be grown successfully at that place. 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, altho the use of smudge pots lessens the danger and makes a certainty of many years that formerly would have proved failures. In some respect nearly every locality enjoys a climate of its own, due to the effect of mountain, plain, lake and mesa; and this is especially true of frosts. Due to difference in topography, the past records of one place are not to be relied upon for localities not far distant. The frost liability of a place cannot be changed because the climate is more or less constant, but with a knowledge of the climate in relation to frost, varieties of crops suitable to the locality may be selected and the time of planting and harvesting so regulated as to avoid largely the risk of injury by frost, or at least reduce the necessary risk to a minimum.

A light frost is one where only the tenderest plants are injured; a heavy one where the injury is more marked and the hardier plants are damaged, while a killing frost is one where the stable products of the region are injured severely or are killed. The average date of frost at Fort Collins is May 10 to 15, and September 15 to 20. At Rocky Ford and Cheyenne Wells, the season is slightly longer.

The amount of precipitation by dew and frost should be added to the rainfall, but no good means of determining the

amount is known. Dew and frost are both local and their copiousness will vary with the substance on which they fall, with radiating power and its relation to other bodies. After an irrigation, the atmosphere near the ground surface is more or less saturated and cannot be reduced much in temperature without the formation of dew. Of late years, the occurrence of dew is more common.

The normal barometric pressure at the Colorado Experiment Station is 24.990 inches for the year. While the station barometer has been moved two or three times, the change in elevation has been slight and accordingly no correction has been applied. All barometer readings have been for temperatures at 32° F. Precipitation nearly always occurs with a rising barometer. When the barometer is very low, it is nearly always succeeded by wind, but when changing from the moderately "low" to the "high" is when precipitation occurs, if any at all.

Since the organization of the station, soil temperatures at depths of 3 inches, 6 inches, 1 foot, 2 feet, 3 feet and 6 feet have been taken. Readings have been made twice daily, at 7:00 a. m. and 7:00 p. m., and the mean results have been incorporated in tables. The average of the 7:00 a. m. and 7:00 p. m. readings is taken as the mean. These temperatures are taken by means of long-stemmed thermometers encased in wood, with bulbs set in the ground at the depth indicated.

The terrestrial radiation is determined by a special minimum thermometer placed in the instrument plat with its bulb 6 inches above the ground, and in table No. 18, entitled "Radiation," will be given the difference between the readings of this instrument and the standard minimum thermometer. It will be noted that it is less than the standard minimum temperature and that the radiation is often considerable. The important effect of radiation is that frost may occur, even when the lowest air temperature is above freezing. It will be noticed that during the months of April, May and June, the temperature near the ground becomes 3 to 5 degrees lower than the minimum in the instrument shelter 6 feet above the ground, and at times exceeds this difference. Hence, it is not uncommon to find frost occurring, even tho the lowest temperature of the night indicated by a thermometer at the ordinary height above the ground has not descended below 35 or 40 degrees.

Observations have been taken on evaporation from a free water service since January, 1927, and have been continued until the present time. A galvanized iron tank, 3 feet square and 3 feet deep, is set in the ground and the loss of the water surface is measured by a hook gauge during the summer and fall, and

during the winter at irregular times on account of ice condition. The temperature during the months from April 1 to October 31 is taken twice a day, at 7:00 a. m. and 7:00 p. m. A set of maximum and minimum thermometers is suspended in the tank and the temperatures observed morning and evening. The velocity of the wind is measured by means of a Robinson anemometer set at the side of the tank.

This evaporation record is one of longest continuous sets of observations that have been taken in the country.

LOCATION OF STATION

The Agricultural Experiment Station and Agricultural College at Fort Collins are located at the base of the Rocky Mountains, about 4 miles from the lowest foothills, beyond which the mountains rise to the summit of the range about 50 miles westward. It is located in Larimer County, about 75 miles north of Denver, on bench land about 1 mile south of and 40 feet above the Cache la Poudre River. The college is in an irrigated area which extends about 3 miles westward, 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 5,000 feet, the latitude 40° 34′, and the longtitude 105° 6′ west of Greenwich.

EQUIPMENT USED

The equipment used comprises thermometers of standard make, evaporation tank and hook gauge, Robinson anemometers, Friez quad-register, mercurial barometer, recording barometer, thermograph, rain gauge and elect. sunshine recorder. 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 indicated temperatures remain at these extreme points 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.

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 highest and lowest temperature during the month gives the monthly range. At the end of the year, there is obtained the monthly and daily means of temperature, the daily, monthly and yearly range of temperature.

The rain gauge, 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.

Tho the different meteorological 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 may be expected 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 1927 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 great deal of patience, care and accuracy on the part of the observers. Much credit is due these observers, whose only recompense has been in giving to us a portion of their time and labor, in some cases 20 to 30 years, in order that we may have knowledge of the climatology of the state in which we live.

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

THE ARKANSAS VALLEY SUBSTATION

This station is located near Rocky Ford, Colorado, and was established by the Colorado Experiment Station in 1888. Records have been taken since that time. The elevation of the station 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 was in charge until last year. For records since that time, we are indebted to Mr. A. W. Skuderna, of the American Beet Sugar Company.

The season at this station 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 makes the Arkansas Valley famous thruout 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.

This station lies in the eastern part of the state, with no running streams of any size near. 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 by him until March, 1902, when Mr. Lamb left the Park and Mr. Enos A. Mills, the well-known guide and lecturer, succeeded him until his decease. Since Mr. Mills' death the records have been continued by his wife, Mrs. Enos Mills.

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.

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 for 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 thruout the Rocky Mountain region, and in Estes Park may be found the pleasantest resorts in the state.

During the winter the snowfall has not always melted; in these cases 10 inches of snowfall have been taken as the equivalent of 1 inch of water. Small amounts, when the weather is very cold, often take near 14 or 15 inches of snow to be equivalent to 1 inch of water.

A BRIEF HISTORY OF THE WORK AT THE COLLEGE

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 at the institution. 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 at 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 1 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 1, 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, Doctor C. P. Gillette, and of Mr. V. M. Cone, who had charge of the section from April 1, 1911. At that 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, until April 1, 1918, at which time Mr. Cone resigned and was succeeded by Mr. R. L. Parshall, who has since been in charge of the work, and to whom the writer is under many obligations for his interest and help at various times, and also in the preparation of this bulletin. The writer has served as an assistant in this section since April 1, 1891, and upon him has devolved the taking of the observations and computations of records of this and the substations.

Free use has been made of the previous publications of this station in this line, also the publications of the U. S. Weather Bureau, at Denver, Colo., for the past several years under the charge of Mr. J. M. Sherier, and from which have been obtained the data for the rainfall tables at the back of this bulletin.

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	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1887	32	32	36	28	26	39	34	29	24	24	27	26	36	39	28	32	24	15	32	19	21	27	20	18	16	−12	**−13**	6	14	16
1888	42	29	27	35	29	32	31	16	..	..	..	..	..	..	..	..	..	19	22	**13**	16	20	21	16	18	26	33	30	28	15
1889	20	8	24	8	**1**	9	25	21	20	28	21	7	27	12	17	11	18	24	29	29	26	24	30	30	26	18	18	17	15	18
1890	27	36	23	27	36	20	20	24	**6**	20	20	19	17	35	14	11	19	21	19	18	34	18	20	21	26	12	19	21	16	20
1891	24	22	29	33	31	34	25	27	13	40	24	14	20	19	13	−1	**−6**	9	18	17	31	12	26	21	26	28	45	20	12	25
1892	32	32	21	29	27	32	16	20	16	16	28	28	34	15	31	13	22	26	17	25	13	28	20	20	26	**11**	14	16	32	26
1893	25	17	13	17	22	28	39	18	23	33	17	10	23	12	16	20	15	9	8	9	25	1	**−13**	3	14	10	21	37	30	19
1894	36	19	32	22	19	29	41	25	28	17	23	44	20	22	19	**−1**	0	22	18	35	19	24	14	24	25	30	31	21	19	21
1895	22	36	29	26	22	9	19	24	16	16	16	16	27	17	20	40	28	36	19	23	26	4	4	11	5	**−3**	13	20	14	16
1896	27	21	26	16	25	10	5	7	34	34	24	13	18	32	30	35	30	24	9	8	14	16	31	19	20	2	**−11**	−10	−8	−5
1897	22	24	29	30	13	20	28	27	18	38	22	33	37	26	8	1	17	24	31	30	25	24	25	20	22	**−3**	2	4	1	11
1898	32	20	17	46	26	18	26	16	−10	**−11**	8	4	10	4	8	20	18	38	27	16	11	7	5	16	9	13	22	24	25	19
1899	22	**15**	16	28	28	30	20	27	27	30	24	34	31	21	24	34	25	31	17	25	26	22	31	16	17	17	18	28	28	**33**
1900	21	26	29	31	21	28	33	23	17	21	13	18	32	17	22	26	30	10	16	13	**9**	35	28	26	13	24	30	13	13	12
1901	22	30	15	29	24	39	17	31	22	27	26	14	17	15	14	20	33	31	**12**	19	24	19	27	33	19	23	20	18	20	35
1902	36	20	32	30	24	15	22	28	34	32	29	38	23	18	26	14	22	20	24	23	19	23	19	23	24	16	15	18	8	**4**
1903	24	22	24	28	22	20	25	25	19	20	19	30	23	22	26	18	0	**−10**	−4	7	21	23	22	22	19	20	26	22	15	18
1904	21	18	36	22	17	18	20	22	29	18	**0**	12	14	15	18	33	22	18	29	11	27	20	15	16	11	12	21	39	20	19
1905	**3**	4	24	27	35	25	25	25	21	17	20	22	25	21	27	24	32	27	20	20	27	30	22	21	27	25	35	15	4	8
1906	37	30	29	27	31	33	22	30	27	28	34	26	40	27	33	34	21	11	−2	**−9**	11	12	17	−2	15	11	6	11	15	29
1907	38	22	23	24	22	25	29	20	18	25	3	**−1**	7	10	14	11	14	27	11	4	7	3	3	9	23	20	19	18	18	21
1908	30	23	22	21	20	22	22	21	22	15	−4	1	**−12**	−8	6	13	14	27	30	22	24	24	25	19	16	0	−1	10	19	15
1909	24	27	30	28	27	29	36	21	24	27	21	25	24	17	11	**−3**	7	16	29	33	32	25	35	42	27	32	29	10	21	28
1910	37	27	24	33	18	24	29	32	17	28	29	34	32	34	30	28	20	20	32	16	23	32	23	27	24	31	**14**	14	32	27
1911	17	14	11	23	24	22	18	26	19	22	**−7**	−11	2	22	36	27	22	35	34	26	20	17	12	18	14	26	16	5	2	9
1912	12	19	19	26	34	30	28	26	23	35	33	29	23	23	26	14	17	19	21	28	16	30	23	22	20	21	**6**	22	16	14
1913	22	30	29	28	19	32	34	15	23	19	31	32	34	32	20	20	20	27	30	29	25	32	17	**11**	15	22	32	20	21	18
1914	31	36	30	26	24	29	26	16	24	24	20	26	25	28	15	**11**	**11**	13	18	27	22	16	18	19	20	20	19	16	22	16
1915	43	32	33	31	33	39	36	32	29	31	22	18	9	**3**	15	22	21	21	23	26	22	32	24	37	25	20	25	15	27	27
1916	30	27	31	27	25	26	23	13	22	24	9	4	**−21**	−13	1	14	24	23	24	23	−1	0	19	9	5	17	29	24	19	18
1917	22	25	27	25	29	24	28	25	28	23	20	20	20	26	25	32	32	27	20	25	34	26	28	28	30	21	29	18	29	29
1918	29	23	26	26	33	25	21	21	18	23	25	21	20	26	23	32	32	17	21	30	15	11	**−8**	**−8**	−4	2	5	11	14	9
1919	20	28	25	16	25	31	29	21	17	24	6	−6	1	15	21	32	26	24	25	35	25	26	26	30	23	−2	−8	**−14**	−9	11
1920	19	12	20	27	22	29	30	26	19	12	14	5	**−2**	12	7	16	21	33	32	29	31	18	30	16	23	15	19	29	11	18
1921	26	22	24	27	25	28	26	27	23	17	23	23	33	27	19	28	25	**9**	**9**	12	26	22	27	19	26	34	22	25	19	21
1922	28	26	27	35	32	19	20	20	21	20	26	12	**10**	14	21	22	29	32	23	22	19	19	20	19	19	24	27	24	20	26
1923	22	22	29	25	20	21	23	23	25	23	34	33	21	22	20	23	16	21	15	29	22	20	27	31	29	17	23	**11**	17	24
1924	24	26	34	29	36	26	14	13	19	33	20	**12**	14	13	24	19	19	18	31	25	35	41	26	14	13	27	17	27	19	19
1925	32	27	28	28	16	16	23	19	18	21	31	33	22	15	**4**	9	17	22	13	16	22	16	24	28	29	29	28	26	25	30
1926	32	23	27	17	24	31	38	29	18	20	35	37	34	36	33	27	25	**14**	24	21	19	23	26	30	38	30	26	28	18	34
1927	33	27	30	40	30	22	31	27	26	35	25	21	27	25	16	24	33	22	24	29	32	25	16	21	28	31	25	34	28	**6**
Average	27	24	26	27	25	25	26	23	20	23	20	19	19	19	19	20	20	21	21	21	22	20	20	20	20	18	18	19	17	19

NOTE—Extremes are printed in bold faced type.

TABLE 2.—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	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1887	21	17	23	14	19	19	24	22	24	26	11	23	19	7	**0**	17	18	32	11	3	1	2	28	20	18	16	3	7	15	18
1888	11	32	12	26	19	18	27	15	18	19	20	18	18	21	32	28	26	16	13	22	23	18	23	19	19	11	**4**	4	9	6
1889	24	31	21	24	31	26	28	27	18	26	22	27	25	29	26	30	29	29	17	13	26	12	20	22	20	23	23	26	17	**3**
1890	24	25	29	16	23	20	12	**6**	15	23	24	13	20	19	18	9	11	10	17	26	10	14	12	21	11	34	12	13	24	26
1891	34	29	25	10	14	1	**-10**	14	18	32	17	16	19	33	23	19	18	16	17	18	20	13	15	7	-5	-9	25	28	8	15
1892	19	23	21	21	30	26	14	4	2	9	8	-0	5	-10	**-17**	5	-9	-3	6	4	**-17**	-15	17	17	28	17	16	14	17	22
1893	17	34	17	27	29	12	31	28	21	27	31	22	14	20	33	18	17	22	14	12	18	30	27	25	7	8	8	24	14	**2**
1894	28	21	-4	2	12	26	31	18	20	28	14	15	10	12	23	13	13	14	20	24	17	14	18	19	-5	-13	-16	**-24**	-3	-2
1895	17	10	1	8	15	21	**27**	20	12	31	24	19	23	24	18	15	5	10	0	11	21	9	9	20	7	17	4	13	**-5**	20
1896	15	14	29	28	38	22	**0**	9	18	19	22	24	21	24	13	27	22	13	10	22	22	21	15	21	15	12	18	19	14	15
1897	11	3	-2	-8	7	27	19	27	28	17	18	25	22	17	3	**-11**	-10	-6	-2	-6	-6	6	16	13	15	12	20	25	40	29
1898	15	26	21	6	20	5	10	-1	-18	-11	1	27	3	6	8	9	13	10	16	29	21	8	12	8	13	16	20	17	13	-14
1899	25	25	11	16	4	13	9	8	21	1	-3	19	8	**-9**	-6	13	17	17	4	4	7	12	21	20	26	21	22	21	13	16
1900	25	24	7	23	27	23	21	19	15	13	10	16	15	13	12	19	24	27	13	20	34	31	24	15	24	13	19	-3	1	-7
1901	19	19	27	26	27	26	22	0	9	17	16	10	-15	**-31**	-12	14	5	18	22	9	18	24	41	29	22	15	26	11	18	15
1902	16	23	17	12	24	17	13	22	24	26	19	15	26	18	0	**-18**	-5	-1	25	33	13	6	21	15	10	13	21	17	7	6
1903	19	29	17	19	8	8	13	26	32	14	17	7	6	6	11	17	13	14	22	13	27	14	13	**5**	21	25	16	12	8	15
1904	29	24	26	17	7	8	14	11	16	18	24	8	17	12	12	26	10	22	11	29	12	25	25	13	15	7	2	**1**	8	17
1905	8	7	6	13	10	7	5	8	13	2	10	10	8	14	8	15	14	9	14	14	9	11	-1	15	4	18	10	15	**-4**	-3
1906	21	19	27	36	30	27	22	22	18	23	27	30	29	18	**7**	7	9	10	21	22	34	18	21	25	18	31	19	17	29	15
1907	20	18	17	15	18	28	20	33	18	15	15	33	14	28	4	10	9	**-5**	-3	-1	8	11	25	19	22	17	27	17	17	5
1908	0	-5	6	14	18	2	-1	5	13	17	19	25	25	18	23	25	16	**-13**	-3	-1	-3	5	9	18	18	18	24	19	25	16
1909	33	30	9	-15	**-19**	-6	-18	-9	8	6	25	4	19	22	16	14	3	-9	-2	1	-11	-10	-4	3	-4	7	15	23	9	16
1910	26	26	28	22	20	11	23	22	24	23	24	29	24	17	18	18	14	15	17	20	25	18	5	14	20	**3**	10	9	6	6
1911	14	18	11	11	21	17	12	11	9	21	16	5	12	-2	9	12	11	21	24	15	14	1	7	15	-2	-3	**-8**	-1	1	-6
1912	22	14	17	22	15	6	10	11	9	18	12	5	21	20	18	15	30	8	20	12	2	3	3	12	2	**-11**	4	14	11	27
1913	25	16	19	7	30	22	-2	2	-1	0	-6	-1	-1	-1	7	5	6	1	-2	-7	-12	**-13**	-4	-3	-10	4	4	-6	-5	-9
1914	15	11	11	22	16	16	25	19	10	1	2	9	0	-2	7	-5	0	13	5	3	**-6**	-3	7	8	10	11	8	9	12	8
1915	10	13	18	22	28	22	21	21	22	27	16	29	19	18	24	10	-3	10	0	3	25	37	30	21	11	17	-6	-3	12	-7
1916	25	27	32	28	29	23	8	3	9	15	-5	16	16	-1	8	16	6	4	26	5	-8	6	7	7	8	-7	-9	**-11**	-8	-5
1917	27	30	23	17	24	16	6	0	2	1	**-8**	1	0	6	15	11	21	25	31	28	26	20	30	22	17	22	24	15	9	34
1918	20	14	30	31	28	23	29	26	20	27	12	15	12	20	20	24	22	11	6	17	23	12	7	**-9**	-6	5	7	10	12	4
1919	6	-5	-7	10	15	8	6	-11	**-35**	23	31	-11	-18	-12	5	11	15	21	14	19	22	28	22	24	24	17	24	24	29	25
1920	18	30	35	15	18	29	16	18	18	15	20	26	17	22	21	19	20	19	15	18	8	-7	-9	-10	4	10	**-12**	8	29	15
1921	34	26	7	-1	8	12	22	8	14	19	34	39	40	26	29	19	6	13	9	15	16	15	4	**-16**	-2	8	12	25	25	25
1922	23	19	17	24	14	17	20	11	9	13	16	6	11	9	6	13	4	**3**	19	17	15	19	19	36	22	15	14	23	26	26
1923	22	12	17	14	15	20	37	24	18	-1	-4	7	5	8	14	12	15	12	12	17	15	19	8	13	20	19	25	13	25	-6
1924	14	18	33	23	14	26	18	15	7	4	17	28	26	30	32	7	3	-8	-23	-21	-12	1	0	**-30**	-6	-4	-7	-9	12	12
1925	29	24	28	22	35	28	38	18	20	20	19	27	22	3	**-15**	-2	10	7	21	20	1	-1	9	28	15	18	2	0	-5	-2
1926	28	30	31	25	32	26	30	25	0	4	12	3	-15	-14	**-18**	2	16	11	17	18	8	9	17	-10	-9	2	-5	7	1	18
1927	4	14	31	11	15	1	-10	-9	11	8	1	15	19	21	0	10	9	-3	2	9	10	10	12	7	7	13	13	19	15	1
Average	20	20	18	16	19	17	16	13	13	16	15	16	14	12	11	13	12	11	12	13	12	11	14	13	11	11	11	9	12	10

NOTE—Extremes are printed in bold-faced type.

TABLE 3.—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	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1887	..	..	..	..	..	..	-9	**-19**	-18	-1	8	21	23	16	30	18	10	12	34	24	26	14	14	20	11	6	20	23	26	8
1888	10	26	23	28	18	16	-15	-12	-14	18	10	9	20	-16	**-28**	-17	0	2	13	-8	-6	13	18	22	19	35	26	26	28	20
1889	6	4	7	7	16	18	20	11	2	19	9	19	19	17	5	10	-2	**-4**	11	-3	12	8	0	3	11	1	30	28	10	16
1890	5	-2	4	8	8	8	**2**	9	15	21	15	**-13**	**-7**	**4**	**-6**	-2	9	14	13	-12	-4	-1	10	9	43	42	28	16	18	16
1891	15	9	10	14	7	17	10	22	12	-13	12	-9	3	-2	9	3	0	5	4	14	33	30	11	9	13	20	24	21	-11	**-16**
1892	2	9	21	36	22	0	10	11	6	-4	**-28**	-11	-15	-6	8	10	-6	-24	-8	26	-7	2	5	11	15	15	18	21	24	31
1893	14	33	23	39	22	31	22	12	17	19	27	7	10	12	**-2**	-2	2	-1	13	4	7	12	15	28	22	4	14	34	10	18
1894	15	34	13	2	-8	-16	0	1	-12	5	17	14	16	24	24	25	26	-1	1	13	20	12	-14	**-22**	4	10	5	22	9	14
1895	-2	-3	0	-2	24	12	15	-3	20	22	23	18	27	32	8	-1	15	16	15	17	17	16	13	14	14	7	-4	**-10**	10	9
1896	26	13	**-8**	1	14	20	7	18	28	15	22	10	2	13	10	13	20	24	29	20	28	24	7	15	10	23	16	17	24	21
1897	28	15	9	6	11	16	14	12	14	16	13	20	13	24	10	19	23	7	9	12	20	26	20	-5	-7	-17	**-26**	-19	-9	8
1898	4	14	25	18	15	16	26	13	12	23	10	6	6	15	2	10	19	6	-1	13	15	-2	4	10	-2	**-12**	0	16	16	20
1899	-8	6	22	14	5	-2	7	5	3	2	13	22	11	7	13	27	22	7	25	22	21	27	18	22	11	19	6	0	-8	-2
1900	10	9	23	24	16	10	14	9	25	10	11	19	25	25	31	29	27	14	18	20	13	15	15	28	5	9	10	**-6**	-2	6
1901	**-22**	-18	-4	11	13	18	14	21	13	2	-4	33	24	31	29	22	12	15	10	16	24	21	20	6	17	21	9	17	14	2
1902	19	27	15	15	23	19	24	24	27	19	14	17	18	19	17	8	20	24	17	28	6	7	2	-5	-11	**-31**	-19	-20	-18	-15
1903	7	18	18	34	37	47	13	13	19	14	3	**1**	13	6	9	12	8	10	7	9	10	21	24	26	27	21	23	19	19	6
1904	12	6	7	6	13	0	9	13	13	5	18	23	10	14	3	13	15	13	17	4	10	4	3	7	10	1	0	-7	13	24
1905	24	4	16	26	11	20	0	10	9	3	-12	-16	**-22**	-5	4	14	29	30	16	22	18	19	19	24	22	19	18	25	18	17
1906	10	2	16	1	26	8	16	**-4**	5	9	6	20	21	8	15	10	21	18	30	23	5	-3	8	25	12	15	12	11	23	12
1907	25	-2	**-5**	10	23	20	15	12	12	14	18	20	19	11	5	11	7	13	13	6	22	20	13	8	8	4	3	12	14	14
1908	19	6	15	5	8	15	11	8	22	21	5	19	5	6	6	**-10**	21	5	15	7	20	20	5	17	18	31	10	17	19	7
1909	11	17	24	27	3	**-3**	4	20	41	3	0	3	8	18	22	26	29	27	27	31	25	25	24	21	14	18	21	17	10	1
1910	21	9	2	-11	**-21**	-16	-6	-1	-4	2	4	6	-1	4	4	14	26	17	21	16	8	30	27	28	20	23	21	17	26	19
1911	-2	-13	**-18**	4	22	21	22	23	16	40	26	11	16	29	28	21	16	16	23	31	17	1	-5	7	24	27	30	21	28	32
1912	-4	-8	-2	7	-1	-5	-7	**-14**	5	29	-2	-7	23	28	20	31	19	2	7	12	12	18	16	25	27	18	24	18	17	13
1913	10	5	44	11	-8	-26	**-30**	-15	0	-3	-1	-7	11	9	30	14	17	16	21	4	6	11	19	13	24	24	11	12	26	25
1914	2	10	10	1	9	21	18	27	20	7	-1	**-5**	6	17	17	**22**	24	13	31	17	8	26	31	13	20	32	26	17	5	12
1915	15	16	9	14	18	2	4	3	13	24	7	14	15	14	25	15	0	9	28	15	9	-12	**-14**	-4	-10	1	2	-2	12	24
1916	9	-1	2	16	16	13	15	10	25	26	-1	-14	-9	6	1	-13	-18	5	2	13	4	9	24	25	28	4	-8	-3	**-24**	-5
1917	11	14	11	11	7	17	19	11	20	24	16	9	-13	2	-1	-16	-13	4	13	21	1	-18	**-4**	-1	6	20	11	23	36	25
1918	27	26	24	33	21	20	11	25	5	-13	**-21**	-16	1	2	11	5	6	18	6	-13	-6	1	13	16	24	5	-7	-5	6	-6
1919	**-15**	-7	10	22	8	12	8	15	16	16	23	19	25	**8**	8	19	17	25	22	21	24	18	22	20	15	11	22	14	14	15
1920	18	17	17	16	25	19	11	**-10**	-9	5	-1	3	9	13	17	26	28	28	44	22	19	20	18	20	20	28	24	21	23	25
1921	12	18	24	23	22	29	2	3	-3	-3	9	**-12**	-4	21	42	25	21	21	24	20	15	11	15	20	12	6	13	16	26	8
1922	15	25	24	1	-2	-5	-4	1	10	15	22	10	23	24	14	3	10	-6	**-27**	**-16**	-9	-3	-7	1	11	10	5	14	14	-4
1923	20	20	19	18	26	26	42	39	20	26	35	15	15	12	15	14	25	34	21	24	15	11	21	16	19	23	12	**-8**	13	13
1924	-18	-10	4	-16	-8	3	14	20	18	15	23	4	-8	1	6	4	**-20**	13	-1	-16	1	15	14	19	9	11	9	15	14	25
1925	-6	8	28	9	24	24	10	-8	1	**-11**	5	-2	5	1	5	**-4**	2	6	11	9	13	16	22	21	21	2	3	17	17	22
1926	19	10	26	27	-1	20	11	25	28	17	12	-2	8	13	7	21	9	20	13	6	-1	1	**-8**	9	17	11	14	8	18	34
1927	20	23	37	27	32	27	24	23	18	10	20	16	4	10	10	33	20	21	18	12	1	**0**	5	14	11	8	16	31	27	25
Average	9	10	14	14	13	12	10	9	11	11	9	7	9	12	12	12	13	12	15	12	12	12	11	14	14	13	12	13	13	13

NOTE—Extremes are printed in bold-faced type.

TABLE 4.—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	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1887	6	-5	0	-5	-4	10	14	18	12	5	-2	8	18	18	20	14	30	20	8	8	**-8**	14	11	8	8	20	20	22	..	..	..
1888	29	29	36	27	**14**	20	27	27	31	30	25	34	37	20	17	26	22	32	24	21	19	16	18	27	26	16	25	30	25	..	..
1889	6	9	14	38	16	11	15	9	8	28	29	10	37	24	12	2	**-16**	0	10	-14	10	7	-2	12	25	17	30	18	..	..	..
1890	12	33	33	38	31	26	15	14	19	19	16	6	14	14	13	16	41	16	14	13	23	18	16	8	0	-7	**-20**	-19	..	..	..
1891	-11	-12	**-15**	-2	4	5	5	6	**-14**	-4	1	1	5	7	25	24	21	18	22	10	5	16	22	33	21	9	14	2	..	..	..
1892	22	21	17	23	8	7	-1	**-9**	-8	18	24	8	22	19	7	9	19	18	20	24	25	25	29	13	17	27	28	21	23	..	..
1893	-2	**-10**	7	12	32	6	1	8	31	15	26	13	14	12	1	16	23	14	8	24	23	23	24	17	4	18	-3	**-10**	..	..	..
1894	0	16	-3	-10	-5	6	9	17	6	3	-12	**-15**	-7	0	-2	8	10	24	7	-4	0	1	-12	-11	11	15	33	20	..	..	..
1895	-8.	6	8	13	9	-3	-14	1	2	-2	-14	**-28**	-24	-22	-23	-14	30	24	10	24	29	26	29	28	32	22	26	28	..	..	..
1896	**4**	15	23	14	11	25	6	21	10	16	8	15	9	25	25	21	22	14	19	17	19	27	29	11	20	20	33	18	19	..	..
1897	10	23	22	11	19	20	24	12	14	20	16	22	9	0	20	34	21	17	5	10	14	0	**-5**	5	13	11	8	23	..	..	..
1898	9	10	8	23	9	26	31	21	28	13	11	10	15	30	23	22	22	20	16	**7**	13	22	12	13	20	20	17	22	..	..	..
1899	-7	-16	-18	-31	-32	**-38**	-32	-17	-4	-5	-30	**-38**	-1	1	1	23	5	8	13	21	26	-4	-12	-1	17	-2	2	21	..	..	..
1900	11	14	29	14	15	15	9	-7	12	7	23	-2	-7	0	-17	**-23**	-18	5	17	18	26	22	28	19	31	29	20	10	..	..	..
1901	5	1	9	-1	-9	-5	5	-14	**-15**	-6	-2	-4	0	7	32	23	30	19	20	18	19	10	6	11	25	28	26	24	..	..	..
1902	-9	**-23**	0	10	18	22	16	14	18	18	28	22	28	6	19	27	25	30	30	14	23	25	20	12	31	28	35	29	..	..	..
1903	18	11	6	-20	-19	-9	-21	-13	1	11	13	5	-15	-23	**-28**	-20	-3	9	-3	5	5	8	15	20	18	5	10	11	..	..	..
1904	15	13	18	13	26	26	8	12	**3**	6	12	18	34	9	17	18	24	5	4	16	22	25	48	33	49	27	36	28	20	..	..
1905	0	-2	-5	-4	13	10	-2	-1	8	6	-14	-25	**-27**	9	3	23	-1	3	12	21	21	19	28	21	19	28	13	16	..	..	..
1906	17	14	18	3	**-5**	-2	3	7	6	2	10	11	15	12	14	33	7	13	15	14	24	26	15	10	11	25	14	25	..	..	..
1907	24	11	**-3**	3	11	26	19	24	35	15	17	21	22	16	21	18	19	38	27	25	26	21	21	35	17	21	20	9	..	..	..
1908	**-15**	-3	14	15	19	10	19	17	19	18	14	12	16	3	25	18	11	18	-2	5	6	2	11	30	26	23	19	26	18	..	..
1909	14	14	14	20	15	18	14	3	-6	19	18	22	9	-6	**-14**	17	22	29	25	27	15	23	16	-5	9	27	12	23	..	..	..
1910	21	17	5	5	9	9	10	20	1	7	14	19	13	23	10	-5	**-16**	2	2	10	6	0	4	26	26	24	18	20	..	..	..
1911	33	16	28	27	21	18	19	12	11	11	18	22	17	21	25	24	20	20	11	-3	-8	-7	**-9**	-2	14	15	11	5	..	..	..
1912	14	14	-2	**-16**	1	-2	12	25	21	24	23	21	15	17	31	23	26	29	26	18	6	7	22	22	15	-10	6	2	-14	..	..
1913	1	-4	1	6	2	7	3	-4	5	10	6	6	12	14	19	24	20	24	17	10	7	**-17**	-1	-8	2	14	-4	-8	..	..	..
1914	15	17	4	13	7	**-18**	-11	-7	7	12	13	16	15	18	16	19	27	30	27	27	27	8	-4	3	18	28	17	30	..	..	..
1915	19	14	17	32	18	11	18	14	19	19	18	20	24	22	7	15	22	23	20	28	28	21	**3**	9	22	22	24	13	..	..	..
1916	**-18**	-14	0	-8	10	14	11	35	30	27	29	30	18	25	22	25	26	25	22	21	21	23	23	20	17	18	17	1	16	..	..
1917	**-6**	3	28	24	15	28	12	20	21	22	24	19	24	24	14	14	20	8	-2	-4	20	27	30	25	42	34	10	8	..	..	..
1918	**-13**	9	20	15	28	31	29	26	12	20	19	19	22	25	13	-1	11	17	5	-2	3	25	33	27	20	17	19	-1	..	..	..
1919	18	16	2	**-6**	6	6	5	8	10	26	28	23	28	24	7	11	13	20	24	18	16	6	10	18	7	22	14	15	..	..	..
1920	28	31	24	24	21	24	21	22	20	14	16	21	18	4	14	13	18	19	21	30	25	25	19	8	7	9	17	-2	**-11**	..	..
1921	18	9	19	21	16	18	**-8**	**-3**	16	15	31	26	28	24	26	20	14	15	14	21	20	22	22	28	24	24	26	21	..	..	..
1922	18	5	7	7	9	-1	3	18	29	33	19	15	9	5	5	16	25	17	24	19	19	11	0	**-2**	13	17	3	-1	..	..	..
1923	14	5	-5	-2	6	20	6	13	9	-10	**-14**	10	18	1	5	16	19	15	26	22	25	18	20	19	22	4	-9	4	..	..	..
1924	32	25	29	23	8	24	29	21	27	21	19	28	27	25	31	21	29	32	15	-2	**-11**	19	23	13	13	18	24	21	30	..	..
1925	31	23	30	26	23	18	34	**11**	20	20	**11**	17	16	20	12	19	12	22	16	17	15	39	12	34	20	22	26	32	..	..	..
1926	19	21	24	19	27	26	32	33	25	25	29	28	26	22	15	21	26	**6**	12	32	30	21	23	16	26	18	19	25	..	..	..
1927	16	19	22	23	23	16	23	11	**-11**	**-5**	6	16	25	13	22	20	20	13	30	22	31	27	27	26	13	23	25	15	..	..	..
Average	10	10	12	11	11	12	10	11	12	13	13	12	14	12	12	15	17	18	15	15	16	16	15	15	19	18	17	15	14	..	..

NOTE—Extremes are printed in bold-faced type.

TABLE 5.—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	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1887	26	27	13	12	**8**	26	25	24	26	26	30	35	24	36	28	36	28	36	25	14	18	20	25	34	28	20	15	30	32	30
1888	13	11	9	4	**3**	11	15	22	20	13	19	26	30	32	28	28	29	30	18	18	20	19	32	30	14	12	8	21	32	39
1889	21	**17**	31	**17**	20	23	25	20	19	**17**	29	28	28	37	30	34	40	42	30	39	31	33	21	19	18	29	30	32	32	35
1890	**-9**	17	18	29	33	22	24	20	23	22	19	16	12	18	16	21	34	34	28	33	28	33	28	40	20	20	36	20	23	26
1891	26	34	3	10	14	4	**-4**	5	16	34	8	1	14	18	25	25	36	26	22	37	24	30	31	19	14	6	24	28	32	25
1892	24	26	32	33	33	34	28	27	26	17	20	30	25	26	19	8	**-20**	-3	19	16	14	7	**21**	29	33	**28**	18	24	**33**	**21**
1893	**-2**	12	20	4	18	16	23	36	19	29	13	16	24	6	12	18	10	15	16	29	23	28	27	12	18	21	36	18	25	33
1894	18	20	19	27	15	14	18	19	28	28	19	42	28	32	24	35	31	34	21	21	14	19	13	20	**10**	18	20	13	14	34
1895	15	24	14	16	20	15	21	26	21	23	18	16	4	-9	**-18**	-5	11	24	26	21	26	26	29	30	23	28	36	40	34	32
1896	13	7	5	2	14	12	18	16	31	17	22	27	18	7	**-7**	15	20	10	22	27	45	34	32	33	47	27	40	39	28	27
1897	21	19	20	17	22	21	24	33	20	15	22	15	4	7	14	18	32	24	23	16	25	15	**-7**	6	19	27	30	29	29	30
1898	33	13	16	25	19	15	17	24	18	24	19	18	20	29	20	17	13	19	26	20	9	-2	**-6**	16	21	22	9	20	19	12
1899	28	33	25	18	14	11	28	32	31	22	17	17	20	30	12	22	21	16	22	22	28	27	23	31	26	9	**-24**	-17	10	12
1900	30	27	29	26	22	21	21	26	33	33	30	27	28	25	22	21	16	20	24	25	20	21	27	29	23	26	30	**10**	22	18
1901	34	32	35	3	-4	10	19	31	26	14	28	34	27	19	19	20	20	19	24	17	29	29	33	25	33	20	28	20	14	**-8**
1902	29	17	27	24	8	23	27	20	24	33	18	17	14	20	20	12	**2**	18	24	33	32	29	32	32	31	34	26	23	19	16
1903	**-10**	6	9	17	22	24	4	7	23	19	21	28	29	28	30	28	34	19	4	-3	7	16	-8	6	18	29	28	29	37	36
1904	22	23	11	19	31	20	32	23	37	21	25	21	13	24	22	29	21	34	32	30	28	19	18	34	15	**10**	21	25	30	33
1905	37	18	31	28	36	20	27	**12**	22	28	21	23	26	26	40	36	36	42	30	29	28	34	32	25	32	34	35	32	20	27
1906	15	12	3	14	18	25	17	30	27	11	6	2	9	6	2	-19	-19	9	**-25**	0	15	5	22	24	27	27	32	33	32	26
1907	5	33	27	25	23	25	28	21	33	28	27	27	**3**	13	21	29	28	33	49	34	44	41	25	33	34	28	24	30	31	28
1908	23	10	11	21	33	20	11	20	**8**	10	15	26	29	42	33	46	44	33	26	11	26	18	29	42	34	16	29	24	11	21
1909	27	31	26	31	29	25	23	11	15	19	16	**-12**	15	21	26	20	28	26	31	26	31	36	19	34	15	**10**	21	25	30	33
1910	36	42	24	28	27	29	22	35	29	**12**	21	20	23	30	21	24	28	27	29	31	32	32	36	34	29	38	37	30	33	28
1911	**-2**	8	14	17	27	26	26	45	33	33	35	28	23	21	24	25	33	24	22	27	44	33	25	27	29	29	13	28	44	22
1912	**-13**	9	10	6	-7	7	16	1	-10	4	20	7	13	3	-8	10	18	15	27	2	-12	2	13	9	9	26	29	21	27	26
1913	5	-1	23	20	23	28	27	25	26	26	27	27	27	21	14	19	31	30	28	7	1	14	22	2	4	**-2**	8	23	29	42
1914	25	28	26	25	23	21	20	21	26	27	16	20	20	31	32	24	32	24	12	18	**2**	11	27	25	21	23	25	29	35	37
1915	17	28	22	**5**	**5**	12	7	20	11	18	19	22	25	29	27	31	27	31	20	19	23	18	24	30	14	12	23	31	33	25
1916	12	**5**	12	28	26	27	23	24	27	45	26	32	32	27	14	38	32	39	37	37	41	32	36	27	25	21	28	29	33	25
1917	2	-2	0	**-13**	9	20	19	20	25	26	26	13	-6	4	19	16	8	7	23	24	23	28	22	30	30	19	15	33	28	33
1918	**-1**	12	10	18	28	19	25	21	35	25	35	31	32	30	19	15	17	21	34	37	41	27	23	28	28	29	38	41	37	24
1919	18	14	27	18	12	24	16	**9**	19	14	17	28	26	31	24	19	25	22	29	29	26	26	29	32	27	27	30	31	35	30
1920	2	31	25	15	14	-3	**-12**	3	22	26	33	24	34	30	24	16	18	31	18	19	20	37	29	23	19	24	30	27	18	15
1921	39	28	22	34	38	25	25	20	11	18	19	21	30	29	34	26	36	33	54	33	25	25	28	30	21	29	20	**9**	17	20
1922	**-20**	-11	11	25	27	21	8	22	3	15	22	24	22	24	27	29	37	33	23	32	24	33	26	28	24	21	28	14	27	24
1923	13	31	20	3	**-5**	9	31	23	23	10	14	24	16	17	13	-2	8	2	1	29	22	1	10	13	29	-3	14	18	21	30
1924	19	25	28	25	9	23	21	6	-10	0	24	20	3	17	20	16	**-12**	-9	-6	3	23	22	23	17	21	18	21	22	32	23
1925	16	14	41	33	27	32	21	31	34	17	**0**	13	18	11	11	32	24	10	25	37	25	25	34	29	23	30	20	38	29	38
1926	20	22	24	23	24	14	13	17	21	32	27	31	27	20	25	20	26	30	37	31	35	29	29	34	25	19	22	17	4	**-5**
1927	6	12	24	28	30	24	22	23	25	24	24	25	23	24	27	22	16	18	11	**-8**	-1	27	24	24	30	31	33	32	30	29
Average	15	19	19	19	19	19	20	21	22	21	21	22	20	22	20	21	22	23	23	22	23	23	23	25	23	22	24	25	27	26

NOTE—Extremes are printed in bold-faced type.

TABLE 6.—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	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1887	40	18	26	**16**	34	34	32	40	45	30	30	25	34	34	30	34	33	31	30	30	34	26	30	24	28	28	40	44	40	43
1888	49	45	**30**	35	46	33	37	48	44	31	**30**	**30**	36	41	50	43	42	32	40	36	42	48	53	53	46	48	38	37	38	37
1889	32	46	25	28	34	35	44	38	39	43	42	32	31	36	44	39	41	38	**24**	27	37	35	47	29	36	45	35	38	31	**31**
1890	**14**	17	32	26	46	38	41	29	19	29	33	35	32	32	33	27	28	30	38	43	41	35	42	41	32	31	32	38	36	42
1891	25	**13**	18	23	17	27	29	39	33	21	30	33	35	29	31	31	31	39	37	41	34	37	**34**	38	39	39	33	36	**47**	38
1892	33	23	30	31	25	24	37	24	21	34	25	36	22	20	28	30	32	36	29	27	**19**	22	27	33	36	43	25	36	33	42
1893	30	36	39	32	28	42	33	22	21	21	39	31	19	**8**	26	20	24	29	24	28	25	30	35	44	30	26	26	34	25	22
1894	25	29	32	22	22	26	37	38	**16**	27	33	38	34	25	31	34	31	31	35	28	30	39	37	38	33	39	34	36	42	40
1895	27	**17**	30	27	28	30	38	19	27	39	26	29	27	33	38	24	25	37	31	36	32	27	32	34	35	35	44	45	50	39
1896	**7**	7	21	30	26	30	34	41	26	30	36	35	25	39	36	31	23	14	26	30	33	35	37	34	40	37	36	41	40	37
1897	29	28	**20**	23	27	33	31	**20**	23	33	36	37	23	25	35	34	31	38	35	37	39	33	39	44	31	35	40	38	32	32
1898	21	18	32	29	**14**	27	25	25	27	29	35	35	26	33	30	39	42	23	38	36	39	32	36	25	29	31	50	21	37	42
1899	**14**	13	**8**	21	29	14	26	24	27	35	33	32	51	28	24	27	36	24	39	25	22	28	29	44	37	48	31	30	31	37
1900	27	29	30	32	32	29	31	32	36	24	**5**	23	31	33	35	39	32	12	32	34	38	41	31	36	35	30	42	43	32	32
1901	16	20	32	30	24	23	29	33	32	17	32	29	27	30	27	22	**9**	29	31	32	34	47	43	36	38	40	38	42	50	41
1902	20	25	21	24	33	38	35	46	37	23	26	34	32	**18**	24	29	30	30	34	35	38	30	23	28	41	30	29	33	33	34
1903	37	33	26	24	33	27	29	34	31	38	39	27	18	24	30	30	28	39	41	27	40	30	37	43	33	37	35	30	23	**13**
1904	27	21	32	26	38	27	30	28	14	38	39	21	30	30	26	23	25	25	39	41	31	35	29	38	29	36	37	43	43	39
1905	38	32	30	29	29	26	29	36	44	28	22	**12**	31	32	23	27	30	33	34	29	21	34	39	32	33	35	41	44	34	35
1906	30	31	**22**	30	25	26	36	37	33	43	38	39	35	27	32	33	32	39	37	30	39	38	39	43	40	33	36	28	39	38
1907	34	40	34	41	29	34	30	32	37	39	38	22	28	33	42	36	21	32	24	23	**6**	20	37	25	22	23	32	30	22	**6**
1908	18	**10**	16	30	21	28	31	31	24	33	25	32	35	35	42	39	35	47	36	33	33	34	37	39	32	27	30	30	20	36
1909	29	32	31	30	27	**9**	23	14	23	27	30	26	35	32	32	36	36	34	29	32	28	28	25	38	37	38	28	40	29	21
1910	31	25	40	29	**18**	23	51	28	37	38	44	35	40	36	31	21	33	28	25	36	43	28	27	25	27	30	32	39	50	42
1911	29	42	29	32	31	23	28	24	33	33	34	36	21	24	16	**24**	30	36	27	40	33	35	44	40	39	33	42	44	33	30
1912	23	26	28	36	35	29	**21**	25	27	27	28	30	32	34	29	30	27	32	26	27	32	26	25	28	34	37	38	38	31	40
1913	31	33	28	**18**	28	30	33	28	26	26	**18**	27	28	27	34	42	39	42	39	33	39	35	31	23	32	29	32	33	33	39
1914	34	31	31	29	33	38	24	**16**	18	32	29	25	32	38	32	47	41	33	34	33	36	39	33	38	35	42	38	35	41	38
1915	30	35	31	37	30	39	36	35	38	**26**	30	34	33	40	44	43	39	37	39	35	36	46	40	36	39	45	37	45	51	43
1916	19	23	24	23	23	30	22	**17**	26	46	37	41	32	27	36	35	35	34	39	37	24	36	40	33	39	34	28	34	33	30
1917	**17**	22	30	**17**	32	34	30	19	33	39	35	30	40	37	36	28	34	31	33	28	31	34	36	44	30	32	26	24	25	20
1918	33	25	**18**	22	24	21	29	31	28	35	41	35	39	42	38	33	30	31	31	21	20	30	30	26	30	36	25	32	32	26
1919	40	30	27	29	40	30	27	25	27	**22**	39	33	35	36	24	28	22	35	48	38	37	40	39	**38**	36	37	38	36	34	37
1920	21	12	13	**-4**	21	29	33	35	34	34	21	9	19	30	34	32	26	25	24	22	25	30	20	30	29	28	28	34	34	35
1921	22	27	32	36	35	27	20	21	21	**17**	26	49	32	34	28	21	**17**	30	29	42	37	42	39	28	28	27	28	30	27	42
1922	22	39	31	29	44	34	26	27	33	30	21	25	28	22	29	27	25	**15**	27	29	31	38	40	39	41	35	33	33	37	44
1923	30	36	32	30	26	32	30	32	27	24	31	32	40	**21**	24	26	28	32	38	33	24	30	28	29	34	32	36	38	33	35
1924	20	25	27	30	33	27	28	40	29	32	35	34	34	35	32	25	25	22	42	25	29	33	30	35	21	**13**	25	26	38	34
1925	41	38	36	36	34	38	25	26	37	28	35	41	39	40	41	35	37	45	29	38	37	38	26	37	28	37	32	34	**22**	27
1926	20	**18**	**18**	29	26	29	27	34	31	34	30	29	42	31	30	35	44	35	35	40	43	34	42	28	31	33	42	33	37	40
1927	27	32	36	38	31	34	38	33	33	32	33	28	27	24	24	20	29	29	31	28	**17**	24	39	30	34	40	42	43	34	44
Average	27	27	28	28	30	29	31	30	30	31	31	31	31	31	32	31	31	32	33	32	32	34	35	35	33	34	34	36	35	35

NOTE—Extremes are printed in bold-faced type.

TABLE 7.—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	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1887	88	82	68	74	88	92	79	72	78	87	89	92	89	90	90	88	90	91	94	82	83	83	87	90	**96**	93	93	79	73	80
1888	67	74	81	78	73	78	88	73	76	79	88	..	..	..	..	..	..	..	79	69	71	74	75	75	85	83	89	**97**	94	89
1889	62	68	65	68	85	82	70	49	54	61	74	82	86	74	68	77	81	82	82	64	73	80	83	84	86	81	86	**90**	85	**90**
1890	85	84	74	65	71	63	67	75	77	81	82	86	73	72	85	78	85	88	86	89	85	88	**92**	**92**	**92**	86	84	82	84	85
1891	65	71	65	58	62	72	83	84	81	68	78	78	80	77	71	59	73	78	77	79	72	**87**	79	74	76	78	77	77	71	80
1892	71	82	77	50	65	74	81	85	84	81	78	69	68	81	77	67	74	82	83	**86**	81	77	77	69	83	78	**86**	85	78	76
1893	71	74	64	55	60	73	93	87	77	91	**95**	93	89	80	82	85	91	94	94	92	87	91	91	80	88	85	88	92	74	84
1894	71	75	76	85	59	75	76	65	70	84	87	87	85	78	74	72	86	89	83	79	81	82	81	77	80	86	72	83	89	**91**
1895	66	55	55	66	77	80	80	71	60	66	77	79	81	85	86	81	67	68	73	78	77	86	**89**	85	67	77	64	61	76	76
1896	64	79	87	71	71	69	76	84	88	90	77	84	89	**91**	90	90	84	85	89	82	80	80	78	79	62	81	85	76	83	85
1897	..	..	..	63	61	66	68	78	74	74	73	84	80	81	88	77	78	76	85	85	87	**90**	84	69	69	76	78	85	80	85
1898	84	88	66	54	66	65	72	67	69	72	72	76	80	73	83	88	88	85	86	83	90	92	88	88	90	76	89	**97**	80	87
1899	73	72	67	70	83	63	74	64	67	82	89	72	69	69	78	84	90	**96**	89	85	83	74	85	77	88	82	88	92	95	95
1900	66	77	78	72	79	86	90	85	84	61	76	81	74	77	82	88	80	84	85	91	93	90	87	89	91	**94**	89	94	88	93
1901	70	72	71	73	70	73	86	85	73	67	71	77	82	61	62	74	78	69	74	84	80	84	90	92	**94**	85	84	90	89	89
1902	83	74	79	85	84	86	55	80	94	94	77	79	85	88	62	80	77	74	77	54	77	87	90	**96**	83	92	72	61	68	75
1903	61	62	61	62	60	70	70	70	49	53	67	70	74	64	70	71	85	84	83	69	71	67	81	64	76	82	87	**92**	86	86
1904	67	69	54	59	65	77	83	65	64	78	74	73	66	76	74	76	82	79	79	73	69	76	80	73	64	74	81	**87**	83	85
1905	79	79	85	85	78	74	78	82	76	75	77	84	85	83	83	66	77	74	69	80	67	87	81	80	73	86	**92**	89	78	83
1906	66	70	66	76	80	64	62	76	82	83	80	80	82	80	85	**90**	69	75	76	70	85	82	53	64	76	82	83	84	83	87
1907	72	70	74	70	76	72	76	70	69	75	82	86	80	84	86	72	78	75	76	75	77	82	74	77	68	67	81	86	**88**	84
1908	68	68	82	71	74	73	70	75	77	78	86	76	65	74	57	78	71	69	81	87	**92**	82	74	83	80	88	83	71	79	80
1909	63	72	80	88	90	70	69	76	69	68	73	72	74	61	72	83	82	85	84	81	79	83	88	89	81	88	**94**	**94**	86	83
1910	79	85	54	71	75	73	85	83	76	74	77	71	78	85	86	77	85	86	**90**	**90**	89	87	**90**	68	78	82	84	85	82	78
1911	83	81	80	83	82	81	86	82	82	78	81	84	85	84	72	62	72	76	84	87	81	78	86	85	79	74	86	**92**	89	83
1912	74	74	73	78	82	54	64	71	70	76	66	72	76	69	59	58	50	64	70	75	78	72	75	81	83	82	83	**86**	**86**	79
1913	71	81	75	80	80	71	61	68	63	70	72	65	77	82	85	88	86	85	84	80	77	82	87	82	84	86	**90**	88	82	83
1914	66	75	77	75	75	77	73	70	76	84	78	79	89	76	64	70	77	85	**90**	86	87	80	89	85	83	80	80	82	86	68
1915	71	69	54	66	63	50	69	67	80	74	**83**	68	56	70	80	78	77	79	74	76	77	70	73	74	81	81	80	69	76	78
1916	68	69	72	73	74	57	66	73	77	71	71	75	72	77	75	79	81	78	77	80	84	79	77	85	87	80	91	**93**	**93**	88
1917	57	69	77	69	64	68	75	73	85	86	79	73	67	77	82	82	88	74	82	80	76	89	85	92	83	85	84	90	**94**	**94**
1918	74	74	77	66	81	75	70	80	86	89	91	85	89	**93**	91	80	86	90	85	85	74	76	80	90	89	87	89	89	67	76
1919	48	60	67	67	71	78	80	76	69	82	82	86	82	87	87	87	89	80	79	84	90	92	92	**93**	90	92	92	**93**	**93**	**93**
1920	53	66	66	68	70	85	86	87	78	84	83	83	78	80	80	78	75	67	69	74	70	71	86	**88**	75	71	74	77	81	87
1921	76	66	68	60	63	63	65	74	79	84	84	82	85	79	68	78	84	82	72	73	77	81	83	85	86	84	91	**94**	88	91
1922	58	68	74	75	80	86	86	82	94	81	82	89	84	84	79	75	82	87	88	93	**95**	94	83	80	89	87	89	84	82	80
1923	73	78	77	74	65	65	65	64	56	67	68	74	84	76	77	74	74	75	80	80	77	85	83	**91**	78	79	79	71	83	85
1924	63	68	76	81	68	83	75	72	69	80	92	83	90	**94**	79	88	80	90	69	75	84	90	91	82	88	92	**94**	81	67	79
1925	73	73	76	76	72	62	65	75	78	90	75	78	79	82	78	86	79	86	89	86	83	84	82	80	85	84	86	86	79	**91**
1926	85	84	68	72	87	83	84	76	83	83	85	78	68	67	76	65	71	70	81	75	65	73	76	73	76	88	**93**	92	85	84
1927	69	66	69	64	61	74	81	83	83	82	76	50	52	58	66	70	79	79	75	80	72	70	**93**	92	76	92	88	85	80	77
Average	70	73	71	71	73	73	75	75	75	78	79	76	76	76	75	75	78	78	81	80	80	82	83	82	81	83	85	87	83	84

NOTE—Extremes are printed in bold-faced type.

TABLE 8.—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	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1887	80	79	79	88	94	**97**	91	82	88	90	79	94	94	92	78	64	72	85	89	76	83	82	85	88	86	84	79	92	78	77
1888	84	87	89	94	90	97	83	79	87	95	**99**	95	90	89	89	87	69	80	89	87	89	83	79	78	86	..	87	92	90	92
1889	92	70	78	91	95	95	84	75	66	78	88	89	81	81	86	89	90	84	84	91	92	80	79	80	83	94	95	84	72	87
1890	85	86	80	86	88	92	90	90	89	85	86	90	**93**	78	89	91	86	85	89	**93**	86	80	87	84	89	90	92	93	85	77
1891	88	78	87	81	83	74	68	78	88	81	88	85	75	79	82	81	83	86	84	**89**	89	82	83	86	82	87	86	81	80	66
1892	87	76	74	84	90	91	71	69	79	89	85	85	86	**93**	75	85	84	90	92	91	90	89	86	87	89	87	64	64	77	87
1893	91	83	94	93	93	93	85	84	91	89	**95**	91	91	87	84	90	88	86	90	89	89	90	90	90	76	80	88	85	87	85
1894	83	90	79	71	73	73	80	89	**91**	**94**	**94**	82	74	80	86	90	89	80	78	83	88	89	93	92	93	**94**	87	85	88	90
1895	78	78	86	91	79	87	79	65	69	56	55	69	71	86	89	87	81	82	81	74	70	69	74	84	92	**93**	92	**93**	87	76
1896	91	89	79	83	89	92	81	85	89	91	93	93	**96**	90	89	74	81	84	86	85	82	75	80	75	81	82	76	81	88	83
1897	89	86	73	76	90	91	**95**	89	67	74	82	84	93	77	84	82	85	75	62	77	85	84	83	76	87	87	89	94	91	85
1898	71	69	76	85	86	88	90	85	85	84	87	79	83	85	84	84	92	91	88	84	91	93	91	81	89	**97**	**97**	93	78	86
1899	72	81	70	83	89	78	78	87	87	87	91	81	78	76	75	71	76	74	81	86	90	91	82	90	**94**	80	82	79	64	82
1900	80	87	85	74	84	91	82	83	92	91	92	**93**	90	**93**	74	73	90	82	60	79	88	88	78	74	78	80	90	76	86	89
1901	72	86	92	91	86	91	94	95	89	89	92	93	92	**97**	93	93	84	89	95	96	93	92	90	90	82	84	87	91	85	94
1902	76	86	79	72	71	78	82	79	63	76	86	88	85	94	**98**	89	69	69	74	79	85	86	87	92	81	75	89	94	94	88
1903	91	82	55	72	86	92	86	85	90	86	82	86	83	92	88	86	75	76	86	90	90	90	85	86	**95**	92	91	88	85	78
1904	79	73	73	77	71	56	70	80	86	84	86	86	82	85	**91**	88	90	82	84	81	79	78	84	74	81	81	80	84	88	82
1905	80	70	78	87	78	80	79	69	74	83	89	87	84	89	87	89	**91**	78	85	79	82	83	76	81	81	80	74	74	75	74
1906	81	62	70	76	79	75	69	66	74	76	75	80	76	74	66	78	85	80	85	**93**	85	81	78	86	87	91	84	80	83	83
1907	85	89	**94**	**94**	88	85	81	87	79	80	81	84	85	75	84	74	88	90	84	90	87	88	93	87	80	63	73	75	79	81
1908	64	73	83	**93**	78	66	81	89	92	92	85	76	82	78	81	87	81	77	76	85	83	80	80	87	89	91	88	92	89	77
1909	88	93	88	83	89	85	88	87	85	84	89	83	80	74	81	87	92	**94**	93	88	81	75	76	85	86	84	86	88	81	90
1910	83	80	86	89	78	83	91	88	61	79	74	80	82	93	92	92	92	93	92	88	85	92	96	94	96	**100**	94	82	82	80
1911	78	69	78	86	76	73	83	83	78	85	87	**88**	76	83	79	76	77	78	68	82	84	84	77	68	77	81	87	83	86	87
1912	78	80	76	70	73	82	82	**89**	74	82	85	74	82	82	72	83	61	60	82	85	85	86	81	82	76	86	76	80	83	77
1913	80	**94**	87	86	88	90	**94**	86	84	88	81	83	93	82	83	83	82	74	77	72	82	70	61	72	78	79	67	79	85	87
1914	74	79	82	75	79	83	84	88	85	86	81	**89**	85	83	84	74	78	77	75	87	78	68	84	85	86	87	88	**89**	88	85
1915	79	61	61	67	77	81	76	80	85	77	**91**	85	82	88	81	83	89	75	56	67	77	82	86	73	77	75	70	77	80	78
1916	88	**91**	89	84	**91**	90	90	89	88	69	72	78	82	91	88	84	88	86	78	86	85	87	84	87	87	86	**91**	86	85	65
1917	75	84	82	89	86	88	84	87	84	91	80	87	90	75	80	83	88	88	86	88	88	88	87	91	91	86	**92**	90	86	83
1918	86	**90**	88	80	86	83	86	80	80	64	77	81	80	79	80	73	74	77	83	79	80	78	83	84	80	84	87	76	83	87
1919	87	86	78	74	79	89	87	87	94	94	**95**	82	85	82	80	84	91	81	77	89	87	**95**	94	90	**95**	**95**	88	90	91	81
1920	89	89	**92**	88	81	76	71	77	77	79	82	84	88	83	85	85	81	81	85	88	91	91	86	78	80	80	82	86	88	84
1921	91	91	70	56	69	79	83	84	90	87	85	83	88	85	83	87	89	72	85	87	89	79	87	85	**92**	87	84	88	**92**	87
1922	76	78	84	95	86	71	81	94	72	75	81	83	93	96	**99**	86	70	88	95	91	86	83	86	76	87	92	81	79	82	80
1923	80	83	76	84	88	88	89	85	83	76	75	77	83	80	78	81	82	86	84	88	85	86	86	89	83	80	79	82	85	**91**
1924	80	77	80	81	83	84	86	77	77	81	89	86	79	88	**92**	89	78	89	82	91	80	88	80	68	83	91	88	89	**92**	88
1925	86	83	76	80	82	87	91	82	90	95	91	89	97	95	**102**	86	96	95	84	74	71	79	86	85	89	85	84	76	78	73
1926	83	85	81	76	76	73	81	74	72	75	80	85	81	84	87	91	87	88	**94**	86	67	79	83	79	81	84	88	83	78	80
1927	74	86	89	87	85	88	88	**91**	84	86	89	85	76	75	87	75	89	85	86	85	76	74	78	77	81	79	83	73	69	75
Average	82	81	80	82	83	84	83	83	82	83	85	85	85	85	85	83	83	82	83	85	84	83	84	83	86	83	85	84	83	82

NOTE—Extremes are printed in bold-faced type.

TABLE 9.—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	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1887	90	92	95	89	75	82	**97**	84	86	87	83	83	87	84	86	86	90	87	85	80	85	88	59	59	73	77	83	85	73	85	87
1888	85	83	84	**88**	86	85	77	73	85	82	78	83	**88**	84	72	68	72	83	80	81	77	80	85	86	**88**	83	81	78	82	85	85
1889	78	86	84	88	94	**97**	90	89	70	79	84	89	81	84	88	82	90	89	90	78	82	84	89	93	84	90	92	90	85	83	85
1890	90	89	87	79	89	**95**	92	78	86	84	84	82	77	76	86	67	80	68	56	79	81	80	84	74	76	76	82	82	85	88	88
1891	81	78	87	90	88	90	89	88	84	90	83	92	**93**	83	83	86	84	84	84	83	66	74	80	88	83	63	65	80	82	83	83
1892	96	98	**99**	97	87	90	90	84	81	86	92	92	94	96	96	97	88	76	82	77	80	71	78	83	86	86	85	58	73	84	86
1893	79	79	87	85	87	88	87	77	82	79	88	88	**92**	86	82	83	87	89	90	76	86	84	80	80	88	81	72	77	84	82	82
1894	82	72	76	85	84	82	87	84	87	86	84	92	89	83	89	88	**91**	87	85	84	85	80	89	83	83	82	84	89	87	88	88
1895	83	81	82	87	84	82	87	89	76	83	90	93	86	73	90	93	**94**	74	78	88	93	87	83	85	90	91	67	67	81	86	86
1896	88	92	92	90	85	88	93	89	91	93	78	90	92	**94**	92	84	85	80	84	90	74	60	74	83	79	79	86	86	85	79	82
1897	86	82	74	69	82	87	86	80	81	77	86	89	87	79	76	85	81	77	79	83	77	83	81	91	**94**	77	83	84	79	88	88
1898	79	76	90	95	80	76	79	83	86	79	89	91	91	90	95	82	86	92	92	93	**96**	91	77	89	93	91	93	83	96	94	94
1899	79	88	74	70	81	83	86	86	88	88	85	85	79	87	91	80	82	84	82	86	91	85	78	84	91	92	89	**95**	87	71	77
1900	**94**	93	90	87	87	83	92	89	90	87	88	89	85	85	84	88	87	87	87	86	84	82	78	71	81	86	84	89	91	91	91
1901	**97**	81	77	76	85	83	80	87	88	90	78	89	88	89	88	82	89	86	86	80	84	87	86	88	89	89	87	84	85	75	77
1902	**100**	92	92	95	64	84	84	87	93	72	76	89	87	88	92	92	93	88	91	88	85	86	70	84	84	77	81	80	82	80	82
1903	82	88	94	**95**	82	81	91	90	76	78	76	78	86	87	82	87	88	85	88	91	92	85	87	82	78	85	79	79	82	88	88
1904	85	86	86	76	88	87	71	90	81	**91**	85	90	87	85	87	83	79	80	87	85	62	79	87	87	72	86	86	80	79	80	80
1905	80	83	84	88	78	80	85	86	87	87	74	75	85	83	87	79	**93**	83	84	91	90	91	88	84	87	90	90	91	90	84	84
1906	75	86	81	78	79	78	81	85	89	87	85	85	87	86	89	**92**	90	91	91	85	86	87	74	81	75	70	82	86	85	77	77
1907	78	78	80	84	88	91	90	91	**92**	90	80	87	87	88	87	87	90	82	64	69	74	86	86	87	84	83	76	82	75	77	77
1908	86	85	**93**	88	88	79	72	87	82	72	64	78	73	80	78	79	76	79	65	71	75	61	76	83	86	77	80	87	87	87	87
1909	89	84	85	89	**93**	88	87	83	88	88	86	89	88	88	**93**	92	77	78	83	82	90	89	92	78	92	89	86	67	78	82	82
1910	84	89	87	80	76	84	80	78	77	85	89	81	74	79	85	75	61	81	**93**	90	92	92	87	84	64	85	89	88	92	69	69
1911	80	80	78	78	82	83	87	**95**	85	77	76	82	88	89	93	85	82	88	84	87	74	65	72	64	78	86	68	81	86	89	89
1912	74	80	79	82	80	82	71	71	75	87	87	86	85	76	77	83	78	82	80	74	82	81	89	88	81	**90**	85	84	86	74	74
1913	88	**92**	**92**	90	87	80	87	91	77	87	78	87	85	88	83	88	86	86	86	87	87	82	84	84	88	90	90	74	85	84	84
1914	89	83	83	89	88	89	86	88	79	82	76	89	83	86	89	**95**	88	83	78	84	84	80	76	83	69	72	76	77	78	80	80
1915	72	73	81	84	88	77	71	67	79	82	78	82	79	77	78	78	79	76	79	77	73	76	68	63	60	66	78	77	72	77	77
1916	83	86	89	85	87	75	82	86	79	77	81	**90**	67	81	84	84	82	84	78	74	71	73	80	81	78	66	72	83	78	70	70
1917	86	87	**92**	88	77	82	87	80	73	88	73	71	79	79	82	78	80	82	78	80	84	84	75	80	87	88	60	70	76	84	84
1918	**95**	90	92	85	81	79	74	81	84	81	82	78	73	73	81	86	83	80	80	81	80	74	81	80	83	84	87	67	84	69	69
1919	73	82	85	86	86	81	85	77	82	87	91	91	86	93	77	85	82	85	84	78	80	**94**	**94**	78	91	89	78	89	77	77	77
1920	81	83	82	82	86	84	83	84	83	87	74	68	76	**89**	86	84	86	86	77	58	67	81	85	87	83	77	81	74	76	83	83
1921	73	73	83	89	82	80	77	88	85	85	85	85	79	75	79	83	81	**90**	71	79	83	85	75	82	80	82	85	85	86	81	81
1922	86	88	87	88	91	84	84	83	82	84	89	90	89	86	88	90	86	80	84	88	85	88	88	**92**	81	79	90	88	85	90	90
1923	75	80	85	75	86	79	77	81	82	88	82	82	**90**	87	77	74	79	81	82	84	74	67	73	81	85	76	75	77	80	78	78
1924	93	**97**	89	88	79	84	93	85	68	75	80	88	87	84	82	91	95	92	85	89	81	82	90	89	86	89	89	82	93	82	82
1925	77	83	77	76	76	83	83	84	78	75	79	71	75	82	82	85	**90**	80	76	75	88	89	85	80	68	81	84	84	81	81	81
1926	**95**	94	83	87	89	76	81	79	82	81	85	82	78	80	85	76	82	84	80	82	86	86	83	89	92	94	92	82	82	87	87
1927	67	58	72	81	**85**	82	78	66	77	81	81	78	78	72	81	70	79	66	73	80	82	75	67	81	82	80	80	77	81	81	81
Average	84	84	85	85	84	83	84	83	82	84	82	85	84	84	85	84	84	83	84	84	82	81	81	82	82	82	82	81	83	82	83

NOTE—Extremes are printed in bold-faced type.

TABLE 10.—MONTHLY MEAN DRY-BULB TEMPERATURES—At the Colorado Experiment Station, Fort Collins, Colorado

DATE	January		February		March		April		May		June		July		August		Septemb'r		October		Novemb'r		December		Year	
	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm
1888	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	51.2	....	40.0	....	23.6	....	20.4	....	....	....
1889	11.7	....	15.2	....	30.9	....	44.5	....	48.5	....	58.9	....	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	....
1890	15.8	25.7	18.8	31.0	30.4	41.6	40.8	49.8	51.1	59.7	60.0	67.0	66.8	73.0	60.6	66.6	51.8	60.3	36.2	47.4	25.8	35.8	23.2	31.2	40.1	49.1
1891	13.6	21.6	14.8	19.5	23.4	29.6	40.5	49.6	52.5	55.3	59.0	63.4	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
1892	13.3	20.2	21.2	27.2	27.0	34.8	39.7	44.6	47.1	51.4	59.6	64.4	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
1893	22.4	30.9	17.4	27.4	26.3	37.3	38.4	44.9	49.2	54.7	62.4	69.1	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
1894	14.3	24.6	9.0	18.8	28.2	37.8	42.7	51.4	53.3	57.0	60.3	66.2	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
1895	16.2	22.9	11.8	21.8	25.8	34.6	44.2	51.4	50.8	56.4	57.5	60.8	61.7	65.4	61.6	66.4	52.2	60.0	37.1	45.3	23.2	32.4	18.0	27.3	38.3	45.4
1896	20.4	29.1	23.2	32.6	27.2	34.6	41.4	49.1	54.0	58.9	62.3	67.3	66.7	70.1	63.6	68.6	52.3	56.5	38.3	46.0	19.9	30.0	21.0	32.3	40.9	47.9
1897	12.0	22.4	16.9	28.1	25.3	32.6	41.9	46.8	56.2	59.5	60.4	63.9	62.9	66.9	60.9	65.3	56.1	61.8	38.5	45.4	26.2	33.4	17.5	23.7	39.6	45.8
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	64.2	71.8	62.5	71.2	47.5	57.1	37.7	44.5	23.6	27.8	13.2	19.6	38.4	45.9
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	63.0	67.2	62.3	67.0	52.8	59.3	37.3	43.4	29.1	37.4	19.8	24.3	38.1	44.6
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	62.6	69.7	61.6	68.6	51.0	58.2	39.5	48.6	26.7	35.9	20.2	28.9	40.2	47.9
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	68.3	74.0	64.2	68.3	50.6	58.3	39.0	46.8	27.7	36.5	20.2	28.0	40.3	47.6
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	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
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	64.2	69.8	61.8	68.9	47.0	55.8	37.4	49.1	24.4	33.4	23.0	29.9	38.0	45.3
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	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
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	63.1	66.8	61.9	67.8	49.1	58.3	30.7	40.6	25.8	37.3	13.3	23.6	37.8	45.7
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	62.4	66.5	61.3	65.3	51.5	57.7	37.0	44.2	25.5	33.0	25.3	32.1	39.1	46.2
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	64.0	68.4	61.8	67.0	51.3	58.0	37.2	47.8	20.4	30.3	22.8	27.5	39.7	47.1
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	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
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	64.3	71.0	64.2	69.2	51.3	56.7	40.4	47.8	30.4	35.3	12.6	17.6	40.1	45.9
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	68.3	72.3	61.8	67.5	53.2	60.6	40.2	48.1	30.7	38.7	22.2	31.2	41.8	49.9
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	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
1912	17.4	25.3	20.0	26.5	18.6	23.8	41.1	46.6	50.8	57.7	59.6	62.8	62.8	67.4	61.9	68.2	44.8	51.2	36.4	46.3	27.2	35.9	17.6	27.0	38.2	44.9
1913	15.8	24.4	11.3	20.7	26.9	35.2	40.3	49.6	52.8	59.3	60.2	67.6	64.3	68.4	66.1	70.2	50.3	56.3	38.6	46.4	28.7	38.4	8.2	14.9	38.6	45.9
1914	24.4	28.3	17.8	24.6	29.6	38.8	41.5	46.4	51.8	57.6	62.9	69.6	67.2	71.5	62.1	68.4	52.6	61.2	41.6	49.7	25.7	38.7	12.4	21.3	40.8	48.0
1915	16.1	24.2	22.9	32.8	26.7	33.0	45.3	51.6	47.8	53.0	56.5	62.2	61.8	66.8	60.1	62.8	50.6	57.5	38.9	48.7	32.2	37.6	22.2	27.9	40.1	46.5
1916	13.7	18.1	20.6	33.6	34.5	45.9	40.0	47.5	50.6	56.3	59.6	67.2	68.0	72.5	61.4	66.6	51.3	57.3	38.5	45.3	22.1	29.3	14.0	20.5	39.5	46.7
1917	15.3	23.3	22.2	31.4	24.4	30.9	37.2	44.6	44.9	49.5	59.6	66.2	66.6	71.4	59.9	64.3	52.4	58.4	36.4	45.3	29.8	38.2	23.5	29.6	39.4	46.1
1918	13.0	19.4	21.4	30.8	32.8	45.3	36.8	42.3	52.4	55.6	65.6	69.0	64.8	69.0	62.5	66.6	49.8	54.5	42.5	49.8	22.1	27.6	20.2	26.6	40.3	46.4
1919	19.8	28.3	19.2	27.4	29.9	38.6	42.5	49.2	51.8	59.4	61.9	68.0	68.0	73.6	63.4	70.4	55.1	60.0	35.8	41.3	21.9	27.3	15.4	21.1	40.4	47.0
1920	23.2	29.6	20.6	28.7	27.8	36.1	32.5	38.7	49.6	55.8	59.5	64.8	67.4	71.4	61.5	65.9	51.6	58.0	38.3	46.6	24.7	31.8	21.2	27.2	39.8	46.2
1921	23.7	26.9	25.3	33.1	34.2	44.4	39.7	46.1	51.6	59.2	62.9	67.6	65.9	71.2	63.2	68.0	53.0	59.7	42.8	50.7	29.1	37.6	23.1	28.6	42.9	49.4
1922	10.6	19.8	16.1	27.1	26.7	39.1	37.6	45.9	53.2	58.6	63.3	71.4	63.5	71.8	66.2	71.1	51.6	62.9	37.1	47.4	26.6	33.0	20.1	27.2	39.4	47.9
1923	26.1	33.3	13.3	24.8	22.0	29.3	39.3	47.8	50.6	56.3	59.9	64.8	66.9	71.5	61.3	67.2	52.1	57.4	36.1	42.2	28.1	34.9	19.9	24.2	39.6	46.2
1924	12.1	22.5	25.1	33.1	19.6	26.9	39.6	46.8	49.4	55.9	60.8	70.0	64.8	72.6	62.5	71.9	49.3	57.8	40.8	49.8	27.3	39.3	14.7	19.4	38.8	47.2
1925	16.0	24.0	25.4	36.5	31.2	44.3	45.8	54.9	54.3	61.2	62.6	68.6	68.2	72.7	61.8	68.3	54.5	61.6	35.4	39.8	26.8	32.6	20.3	25.6	41.8	49.2
1926	18.5	25.7	28.4	34.0	28.4	36.2	41.0	48.8	54.0	58.5	61.1	67.5	64.4	69.9	62.5	70.5	50.8	58.0	40.5	50.6	33.3	38.5	15.8	22.0	41.6	48.3
1927	21.6	30.2	23.3	31.9	27.3	35.7	39.7	48.9	53.4	61.4	57.9	64.2	64.5	71.3	59.4	65.3	52.9	58.6	38.7	48.5	31.3	40.4	14.9	19.7	40.4	48.0
Average...	17.6	25.5	18.2	27.7	28.0	36.8	40.7	47.8	50.7	56.8	60.4	66.2	64.8	70.0	62.1	67.8	51.4	58.7	38.2	46.6	26.2	34.3	18.9	25.5	39.8	47.0
Maximum ..	26.1	33.3	32.5	37.4	35.4	50.0	46.1	55.5	56.2	61.2	65.6	71.4	68.3	74.0	66.2	72.1	56.1	62.9	42.8	50.7	33.3	40.4	29.4	34.7	42.9	49.9
Minimum ..	10.6	18.1	13.3	10.6	18.6	23.8	32.5	38.7	44.9	4.95	56.5	60.8	61.7	65.4	59.4	62.8	44.8	51.2	30.7	39.8	19.9	27.3	8.2	14.9	37.8	44.6

TABLE 11.—MONTHLY MEAN WET-BULB TEMPERATURES—At the Colorado Experiment Station, Fort Collins, Colorado

DATE	January		February		March		April		May		June		July		August		Septemb'r		October		Novemb'r		December		Year	
	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm	7 am	7 pm
1888	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	46.6	....	35.7	....	22.6	....	18.6	....	....	....
1889	9.9	....	13.4	....	28.7	....	39.1	....	43.3	....	53.0	....	57.7	61.3	55.4	58.5	41.6	46.8	34.9	41.2	21.3	27.2	25.9	29.3	35.4	....
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	59.5	61.6	55.5	57.7	44.4	48.3	32.5	38.8	23.4	30.1	20.6	26.7	35.5	40.3
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	57.9	60.3	56.8	57.9	48.0	51.0	32.6	38.0	23.8	28.5	18.6	22.6	35.2	38.9
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	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
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	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	38.7
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	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	38.4
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	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
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	60.7	60.8	56.8	57.8	48.7	50.8	34.8	38.8	17.4	24.0	19.0	26.8	36.2	39.8
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	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
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	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
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	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
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	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
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	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
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	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
1903	18.0	24.9	4.9	9.7	22.0	29.0	35.9	38.6	44.2	46.2	53.5	55.8	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
1904	13.5	24.0	20.7	30.0	26.8	34.4	34.9	39.6	45.5	48.7	53.6	55.1	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
1905	18.3	22.4	9.9	19.4	31.0	36.6	34.8	39.2	43.9	47.0	54.8	58.6	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
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	56.7	58.9	55.6	58.1	48.6	52.6	33.5	38.7	23.5	29.4	23.2	28.1	35.3	40.0
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	58.4	60.6	56.2	57.9	46.7	49.8	34.8	42.2	19.0	26.1	19.8	23.3	35.7	40.0
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	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
1909	19.9	24.6	17.1	22.9	26.7	32.0	32.8	36.0	42.1	43.6	54.4	56.9	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
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	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
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	56.5	58.8	54.0	57.0	48.2	51.2	34.2	38.4	21.2	25.9	12.0	18.4	35.3	39.7
1912	15.2	21.4	17.8	24.0	17.8	22.3	36.5	38.8	43.8	46.6	53.4	54.4	58.6	60.8	57.3	59.9	42.3	47.2	34.8	41.4	25.5	32.1	16.1	23.0	34.9	39.3
1913	13.7	20.4	10.0	18.1	24.4	30.0	37.0	40.6	47.3	51.1	54.4	56.5	58.4	59.5	59.6	61.2	47.6	51.7	35.3	39.4	26.4	33.9	7.7	14.2	35.1	39.7
1914	21.4	24.3	16.8	22.4	26.8	32.3	37.2	39.7	47.6	50.5	57.2	60.0	61.7	64.0	57.7	60.3	49.1	53.0	39.6	44.2	23.2	32.1	11.5	18.9	37.5	41.8
1915	13.6	19.8	20.5	27.5	24.8	29.7	41.8	45.0	43.3	46.1	51.3	54.0	57.6	59.6	56.9	58.0	48.1	51.9	36.6	42.6	28.2	31.4	19.4	23.6	36.8	39.6
1916	11.8	15.8	18.8	29.0	29.9	37.7	37.0	42.2	47.6	52.6	55.7	59.9	59.9	61.4	57.1	58.8	47.2	51.3	36.1	41.0	19.8	25.3	12.1	17.9	36.1	41.1
1917	12.6	19.8	20.0	27.9	22.4	27.1	35.4	39.4	43.7	46.8	55.4	59.2	60.9	62.0	54.6	56.9	49.2	52.2	32.7	37.0	27.2	33.3	20.6	25.2	36.2	40.6
1918	11.2	16.4	18.3	25.2	29.0	36.0	33.6	36.7	45.9	46.4	58.4	59.2	59.6	61.1	56.9	58.5	47.2	49.9	40.0	44.4	20.1	26.8	18.2	22.6	36.6	40.2
1919	17.4	24.4	17.7	24.4	26.9	32.8	38.0	42.1	45.8	47.8	53.6	54.3	60.8	60.8	56.5	58.3	51.8	54.6	33.2	37.2	20.0	24.5	13.8	18.4	36.3	40.0
1920	20.8	25.9	19.1	25.6	24.2	29.2	29.5	33.4	46.1	49.4	54.6	56.3	59.8	61.0	56.8	58.2	47.4	50.5	34.8	39.3	22.4	27.9	18.8	23.5	36.2	40.0
1921	20.1	23.3	22.8	28.7	29.9	36.0	35.3	38.3	47.2	50.7	56.8	58.7	59.5	62.1	57.9	59.7	46.8	51.0	37.2	41.6	26.1	31.5	20.4	24.8	38.3	42.2
1922	8.8	17.1	14.6	22.5	24.1	31.9	34.9	39.1	46.5	47.9	57.0	59.7	58.1	62.3	59.9	62.3	46.6	52.4	32.6	38.5	25.0	29.5	18.5	23.5	35.6	40.6
1923	22.3	27.5	12.6	22.2	20.0	25.7	34.3	38.4	46.0	48.6	54.9	56.8	62.0	64.2	57.7	59.9	47.9	50.5	34.2	38.4	25.8	30.6	17.5	21.2	36.2	40.3
1924	10.4	19.5	22.8	28.4	18.1	24.3	34.9	38.0	42.8	44.9	53.5	54.0	57.7	59.6	54.6	56.9	45.2	50.0	37.1	42.2	23.7	31.1	12.7	16.3	34.4	38.8
1925	13.9	21.0	22.1	29.4	27.1	34.0	38.3	41.1	47.1	49.3	54.9	55.9	59.5	60.8	56.7	58.7	49.8	52.7	33.4	36.7	24.6	29.6	18.1	22.7	37.1	41.0
1926	16.5	23.0	24.8	29.7	25.8	30.8	36.9	41.5	47.6	49.9	54.6	56.7	58.2	59.9	56.4	58.6	45.8	49.3	35.7	40.8	29.2	31.7	14.1	19.5	37.1	41.0
1927	19.2	25.6	20.4	26.7	25.3	31.3	35.5	39.7	45.0	47.9	53.2	55.6	58.1	60.1	55.8	58.2	48.0	50.7	35.3	40.5	28.3	33.4	13.2	17.5	36.4	40.6
Average	15.1	21.7	16.1	23.5	25.0	30.6	35.8	39.1	45.3	47.6	54.0	56.1	58.6	60.4	56.5	58.5	46.7	50.4	34.6	39.6	23.6	29.3	16.8	22.0	35.7	39.9
Maximum	22.3	27.5	24.8	30.0	31.0	37.7	41.8	45.0	49.9	52.6	58.4	60.0	62.0	64.2	59.9	62.3	51.8	54.6	40.0	44.4	29.2	33.9	25.9	29.3	37.5	41.8
Minimum	8.8	15.8	0.8	9.1	17.6	22.3	29.5	33.4	42.0	43.6	51.0	52.8	56.1	57.6	54.0	56.0	41.6	46.8	28.2	35.3	17.4	24.0	7.7	14.2	33.6	36.8

TABLE 12.—MONTHLY MEAN, MAXIMUM AND MINIMUM TEMPERATURES—At the Colorado Experiment Station, Fort Collins, Colorado

DATE	January		February		March		April		May		June		July		August		Septemb'r		October		Novemb'r		December		Year	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	85.4	52.8	85.0	51.6	76.3	41.5	68.5	34.2	57.8	23.3	40.4	10.9	62.9	30.9
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	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
1896	49.0	16.1	49.2	17.7	46.3	21.8	62.8	30.5	72.8	41.2	81.0	49.6	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
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	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
1898	40.7	10.6	50.6	17.6	47.9	17.5	64.5	30.8	62.7	40.4	79.8	48.2	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
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	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
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	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
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	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
1902	39.2	9.1	45.5	18.5	48.0	22.5	61.0	30.4	70.5	41.7	79.0	48.2	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
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	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
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	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
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	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
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	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
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	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
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	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
1909	42.2	16.8	43.7	14.0	45.6	23.9	54.6	28.9	65.7	37.9	79.3	49.4	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
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	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
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	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
1912	39.8	11.2	38.7	13.0	35.3	9.7	57.8	30.0	67.2	39.0	72.6	45.3	78.6	52.7	80.8	50.9	64.1	38.3	60.4	28.9	51.8	22.1	41.0	12.2	57.3	29.4
1913	37.3	9.5	32.6	5.9	46.7	19.5	61.0	31.2	68.2	41.4	78.8	47.7	81.4	52.2	85.7	53.9	69.9	42.2	58.5	30.6	54.3	24.5	31.2	2.1	58.8	30.1
1914	41.5	15.4	35.4	13.3	50.8	23.8	55.9	33.6	67.3	42.0	78.7	48.4	82.2	54.4	82.6	51.3	77.3	43.9	65.1	35.2	57.8	22.0	34.4	8.0	60.8	32.6
1915	38.9	9.3	45.4	18.6	41.0	21.2	62.4	37.6	63.1	37.6	72.0	47.2	77.1	52.4	76.1	49.4	71.0	43.2	65.4	33.1	52.0	25.0	42.2	14.7	58.9	32.5
1916	31.0	5.0	46.4	16.8	58.4	27.6	58.1	31.2	66.6	37.2	77.3	46.4	84.4	54.4	79.5	51.6	73.6	41.5	59.6	31.4	43.6	15.8	33.4	9.0	59.3	30.6
1917	35.2	8.8	41.4	18.0	41.0	16.8	53.9	30.2	57.3	36.6	79.3	45.7	86.0	54.4	80.4	49.9	75.9	43.8	63.2	29.1	58.9	25.8	47.7	16.8	60.0	31.3
1918	34.0	6.8	48.7	16.0	58.9	26.4	51.2	29.7	69.2	39.2	82.2	52.2	81.2	53.1	80.9	52.1	66.8	42.5	64.0	37.4	46.0	18.1	39.5	15.1	60.2	32.4
1919	43.3	14.9	40.5	14.2	51.5	24.2	60.6	33.7	69.1	40.2	82.0	46.4	86.6	56.0	84.2	52.4	74.8	48.2	55.5	29.8	42.5	17.5	35.5	9.7	60.5	32.2
1920	42.5	17.4	41.1	17.2	49.7	20.4	47.8	25.5	66.5	42.0	76.1	48.0	83.6	54.0	80.0	51.9	74.5	42.6	63.5	32.6	46.3	19.8	41.3	15.2	59.4	32.2
1921	41.3	14.0	46.1	18.8	57.7	26.2	57.0	29.8	68.4	42.2	78.2	51.7	83.6	54.6	81.7	54.0	76.1	43.7	69.6	35.0	53.8	23.0	42.2	16.5	63.0	34.1
1922	34.1	5.7	40.8	12.3	52.1	20.8	56.0	31.2	69.7	41.4	83.0	49.6	84.3	52.3	86.5	56.0	79.9	44.7	66.0	30.3	46.9	22.5	42.8	16.0	61.8	31.9
1923	47.3	20.3	37.4	9.9	40.8	14.7	58.8	30.8	67.1	41.8	75.2	49.6	82.8	57.2	79.6	53.9	72.4	43.5	52.5	32.4	53.6	23.0	40.9	13.1	59.0	32.5
1924	36.2	6.2	45.9	21.1	35.4	14.8	59.4	29.4	65.6	37.0	80.7	47.4	83.8	53.1	85.9	51.2	72.1	41.6	64.9	35.7	55.5	22.9	34.1	7.3	60.0	30.6
1925	38.0	9.6	51.0	21.3	56.4	24.7	66.4	34.5	71.4	43.4	80.0	51.9	85.0	56.7	80.5	53.0	74.7	47.4	50.7	30.1	47.3	22.2	39.1	14.1	61.7	34.1
1926	36.2	13.2	46.9	23.1	48.8	22.6	58.8	32.6	69.2	42.2	78.2	49.8	81.6	53.0	84.6	52.3	72.5	43.2	66.6	33.2	51.2	27.2	35.3	10.3	60.8	33.6
1927	42.6	17.8	44.0	18.3	44.8	22.4	58.6	31.8	71.5	41.1	74.8	49.1	81.6	53.6	76.4	51.8	72.7	45.0	66.7	33.6	53.2	26.4	33.3	8.0	60.0	33.2
Average	40.3	11.7	41.7	13.7	49.6	21.9	59.7	31.6	67.8	40.3	78.3	48.2	83.4	53.3	83.0	51.7	75.5	43.0	63.9	32.2	51.1	21.4	41.4	13.5	61.3	31.9
Maximum	49.4	20.3	52.6	25.2	65.6	29.2	73.3	40.6	75.3	43.4	85.3	52.3	90.1	58.2	87.6	56.0	82.7	48.2	69.6	37.4	59.7	27.2	51.4	22.8	64.6	35.1
Minimum	31.0	5.0	25.3	−5.4	35.3	9.7	51.2	25.5	57.3	36.6	71.6	44.9	77.1	49.5	76.1	48.4	64.1	38.3	52.5	26.8	42.5	15.2	30.6	2.1	57.3	29.3

TABLE 13.—NORMAL DAILY TEMPERATURES FOR FORTY-ONE YEARS, 1887-1917—At the Colorado Experiment Station, Fort Collins, Colorado

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	24.5	23.8	29.3	41.4	48.7	57.1	66.9	68.2	65.8	56.3	41.4	33.3
2	24.0	23.9	33.3	41.7	49.0	58.8	66.5	68.6	63.4	54.9	40.7	32.0
3	27.7	24.5	32.2	40.7	49.0	58.4	65.7	69.2	64.3	53.6	42.1	30.8
4	27.9	26.8	31.5	42.5	50.9	58.1	66.6	69.2	63.8	52.4	42.4	31.3
5	27.9	25.9	31.3	43.9	51.8	58.9	67.6	68.8	63.2	51.1	41.6	32.3
6	26.1	25.2	32.7	43.8	51.1	59.1	67.9	68.3	63.4	51.8	39.7	30.2
7	24.8	25.6	34.2	43.9	52.1	60.5	68.2	67.9	63.1	51.7	39.2	28.3
8	25.2	25.2	35.9	43.2	52.8	61.1	68.2	68.2	62.0	50.0	37.5	27.8
9	26.6	26.4	35.1	44.8	53.4	61.0	67.5	67.7	61.2	50.8	36.7	27.6
10	24.7	27.5	33.8	46.6	52.4	61.8	67.7	68.2	60.2	50.7	39.2	29.0
11	22.0	27.9	35.1	45.9	52.3	63.6	69.2	67.5	59.3	49.1	34.4	29.2
12	21.9	27.8	35.3	44.5	52.1	62.8	69.5	68.5	60.1	48.2	34.4	29.4
13	24.6	28.0	33.6	45.0	52.0	62.9	69.3	68.4	60.0	49.2	34.3	26.6
14	26.6	25.6	33.9	45.8	52.7	63.4	70.0	68.8	59.1	49.6	34.6	25.5
15	25.5	27.9	33.6	44.9	53.8	63.0	69.3	69.3	58.9	49.9	34.5	26.3
16	25.7	30.3	36.5	45.3	53.7	62.7	68.7	68.1	58.2	48.2	34.0	26.5
17	25.7	30.5	37.4	44.6	55.7	63.7	68.7	68.1	59.2	48.2	35.4	25.4
18	27.5	30.5	38.6	45.2	56.2	63.9	68.0	68.0	59.1	46.9	35.9	25.4
19	29.0	28.6	37.1	46.4	55.1	65.1	68.1	67.1	58.3	45.0	35.8	26.2
20	26.6	29.0	36.6	47.0	55.2	64.9	68.6	66.6	58.2	45.0	36.9	27.0
21	26.0	29.7	36.4	46.7	55.6	64.9	68.6	66.4	57.3	46.3	36.3	25.3
22	26.5	29.0	36.9	49.0	55.5	65.3	68.1	65.6	57.8	46.3	33.7	26.3
23	26.2	28.9	39.1	48.4	57.2	66.4	69.3	65.6	57.9	44.9	34.7	28.0
24	27.9	30.5	39.1	47.7	57.8	66.2	68.8	65.8	56.8	45.6	35.2	26.1
25	27.9	32.3	37.3	47.6	57.4	66.3	69.3	65.6	55.2	44.9	34.1	24.9
26	26.4	30.7	35.6	49.0	56.8	67.3	69.6	65.5	53.6	43.0	32.5	26.3
27	26.1	29.8	37.7	49.2	56.5	67.8	69.5	65.8	54.2	43.6	30.9	24.6
28	27.9	28.8	38.8	49.4	57.4	68.0	68.6	66.1	54.5	43.4	32.0	25.9
29	28.6	....	40.4	47.7	57.9	67.3	68.6	65.6	54.4	42.1	32.0	26.3
30	27.2	....	38.8	48.1	57.1	68.2	68.1	65.7	55.2	41.3	34.3	24.4
31	27.1	....	38.8	....	57.2	....	68.0	65.9	....	40.9	....	23.1
Averages	26.1	27.9	35.7	45.7	54.1	63.3	68.3	67.4	59.3	47.9	36.2	27.5

TABLE 14.—MONTHLY MEAN TEMPERATURES—At the Colorado Experiment Station, Fort Collins, Colorado

Date	Jan.	Feb.	Mar.	April	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	22.2	25.6	41.6	50.6	54.1	63.5	68.1	66.6	53.9	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	64.0	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
1912	25.5	25.8	22.5	43.9	53.1	59.0	65.7	65.8	51.2	44.6	36.9	26.6	43.4
1913	23.4	19.3	33.1	46.1	54.8	63.2	66.8	69.8	56.0	44.6	39.4	16.9	44.5
1914	28.5	24.4	37.3	44.8	54.6	63.6	68.3	67.0	60.6	50.2	39.9	21.2	46.7
1915	24.1	32.0	31.1	50.0	50.4	59.6	64.7	62.8	57.1	49.2	38.5	28.4	45.7
1916	18.0	31.6	43.0	44.7	51.9	61.8	69.4	65.6	57.5	45.5	29.7	21.2	45.0
1917	22.0	29.6	29.0	42.1	47.0	62.5	70.2	65.1	59.8	46.2	42.3	32.3	45.7
1918	20.4	32.3	42.7	40.5	54.2	67.2	67.2	66.5	54.7	50.7	32.1	27.3	46.3
1919	29.1	27.3	37.9	47.1	54.6	64.2	71.3	68.3	61.5	42.6	30.0	22.6	46.4
1920	29.9	29.2	35.1	36.6	54.2	62.1	68.8	66.0	58.5	48.0	33.0	28.2	45.6
1921	27.7	32.4	41.9	43.4	55.3	65.0	69.1	67.9	59.9	52.3	38.4	29.3	48.6
1922	19.9	26.6	36.5	43.6	55.5	66.3	68.4	71.3	62.3	48.2	34.7	29.4	46.9
1923	33.8	23.6	27.7	44.8	54.4	62.4	70.0	66.8	57.9	42.4	38.3	27.0	45.8
1924	21.2	33.5	25.1	44.4	51.3	64.1	68.4	68.6	56.8	50.3	39.2	20.7	45.3
1925	23.8	36.1	40.5	50.5	57.4	65.9	70.8	66.8	61.0	40.4	34.8	26.6	47.9
1926	24.7	35.0	35.7	45.7	55.7	64.0	67.3	68.4	57.8	49.9	39.2	22.8	47.2
1927	30.2	31.1	33.6	45.2	56.3	61.9	67.6	64.1	58.9	50.2	39.8	20.7	46.6
Average	26.0	27.7	35.7	45.6	54.1	63.4	68.3	67.3	59.1	47.7	36.0	27.4	46.5
Maximum	33.8	40.0	47.1	55.3	58.1	68.1	72.8	71.3	63.7	52.3	42.3	37.8	49.1
Minimum	18.0	9.9	22.5	36.6	47.0	59.0	64.7	62.8	51.2	40.4	27.0	16.9	43.4

TABLE 15.—EXTREME MONTHLY MAXIMUM AND MINIMUM TEMPERATURES—At the Colorado Experiment Station, Ft. Collins, Colo.

DATE	January		February		March		April		May		June		July		August		Septemb'r		October		Novemb'r		December	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	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	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
1888	71.0	-28.0	68.0	14.0	79.0	3.0	91.0	30.0	84.0	30.0	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
1889	58.0	-3.5	62.0	-16.0	67.8	**-17.0**	79.0	24.0	81.0	31.0	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
1890	65.6	-13.0	68.3	**-20.0**	70.1	-9.0	78.0	13.8	85.0	29.1	92.2	32.7	93.4	46.9	**95.3**	39.5	85.3	28.0	77.0	15.7	75.7	6.5	62.9	5.8
1891	48.9	**-16.3**	46.5	-15.0	66.0	-4.1	81.9	12.9	84.6	21.3	86.9	37.9	89.4	41.2	**93.1**	36.7	88.8	34.3	79.8	19.5	75.9	-6.2	60.0	-10.0
1892	61.2	**-28.4**	55.1	-15.0	66.0	-4.1	81.9	12.9	84.6	31.2	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
1893	67.3	-2.2	66.7	-10.0	78.3	-1.9	78.9	7.6	88.7	23.1	**95.0**	31.3	94.9	44.2	91.7	38.3	90.0	25.7	82.0	11.8	70.7	**-12.8**	60.4	2.5
1894	63.3	-22.0	54.6	-15.3	73.0	9.9	79.0	16.4	85.9	27.1	91.0	37.9	**94.4**	46.0	92.2	39.5	88.6	30.9	80.7	19.3	78.0	-1.1	64.7	**-24.0**
1895	57.2	-9.6	62.2	**-27.8**	80.2	-18.0	78.7	17.0	90.0	28.6	88.7	33.0	93.2	44.9	93.7	42.3	**95.0**	23.2	79.7	14.8	73.7	-2.9	66.7	-5.0
1896	67.8	-7.6	68.1	3.9	75.8	-6.8	80.0	7.0	88.3	31.0	91.2	39.3	**95.8**	48.8	93.8	40.2	90.0	31.8	84.2	21.0	74.7	**-11.3**	66.1	0.5
1897	64.0	-26.0	59.5	-5.3	65.3	-7.0	77.2	20.0	82.3	31.6	90.1	35.3	**94.8**	38.9	93.5	42.7	89.8	33.8	81.7	21.5	75.6	-3.0	63.0	-10.8
1898	61.5	-11.8	63.7	6.7	66.3	-6.2	86.2	14.5	81.8	29.6	**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**
1899	55.0	-16.8	50.8	**-38.4**	65.7	-24.5	78.0	8.0	82.5	23.4	**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
1900	63.0	-6.0	58.0	**-23.4**	76.9	9.7	73.9	5.1	84.7	29.8	**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
1901	61.8	-21.7	63.0	-14.7	71.9	-7.5	81.8	8.7	82.9	31.1	94.4	38.2	**96.7**	47.9	96.7	43.6	86.6	29.4	82.0	25.0	69.6	12.0	64.6	**-31.0**
1902	62.2	**-31.4**	63.0	-23.0	63.9	2.0	79.8	18.0	85.9	29.6	96.0	37.0	98.0	38.8	**99.6**	42.3	89.8	22.0	80.0	25.5	69.2	3.8	58.2	-17.6
1903	61.3	1.0	46.0	**-28.0**	66.2	-10.0	78.2	12.8	85.1	27.4	92.5	37.0	**95.0**	36.0	94.6	41.9	92.5	26.0	81.0	20.0	71.0	-10.0	61.0	5.0
1904	65.0	**-7.0**	69.0	3.0	70.0	10.0	78.9	14.1	82.0	28.2	87.2	38.4	90.7	40.3	**91.0**	33.0	90.0	29.6	80.1	17.8	75.4	0.5	65.7	1.0
1905	63.5	-22.3	66.2	**-26.8**	70.3	12.4	78.0	12.0	76.3	29.5	92.3	40.0	91.0	42.3	**93.2**	44.8	90.5	30.8	85.3	-8.0	74.0	3.4	62.2	-4.0
1906	67.8	-3.5	67.0	-5.0	69.9	**-24.6**	80.1	22.1	82.9	33.0	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
1907	62.6	-4.7	68.8	-2.8	80.3	2.8	80.0	5.7	83.0	19.2	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**
1908	57.1	-9.8	68.0	**-15.0**	75.7	8.0	80.2	9.8	86.6	22.2	91.8	37.6	**93.1**	43.6	92.8	42.5	91.9	23.4	81.0	13.5	72.2	-12.0	54.0	-13.4
1909	63.8	-3.2	66.3	-14.2	60.1	-11.6	73.2	9.2	81.0	23.6	**94.5**	41.3	94.3	48.0	92.6	46.9	84.2	30.2	81.5	16.3	76.2	-3.1	61.0	**-19.1**
1910	64.1	**-20.8**	66.2	-15.8	79.9	11.5	86.4	17.8	87.0	28.4	90.3	38.9	**99.9**	47.0	92.6	31.7	92.0	34.5	84.7	16.1	70.0	13.6	59.7	3.4
1911	65.8	**-18.0**	62.3	-8.8	69.1	-2.2	75.8	16.0	83.8	26.6	92.0	41.2	88.0	45.1	**95.4**	37.1	89.1	32.1	80.2	14.6	66.9	-11.0	62.9	-8.0
1912	63.6	-14.0	56.0	**-16.0**	55.4	-12.8	72.3	20.7	81.0	22.3	86.1	33.8	89.2	43.0	**89.8**	44.0	84.0	23.0	78.0	11.0	65.0	5.5	59.2	-11.2
1913	58.0	**-29.5**	62.0	-17.3	72.0	-2.0	78.8	18.0	83.0	28.1	90.4	41.2	**94.0**	42.0	92.0	47.0	85.3	27.4	77.1	13.2	70.5	11.0	40.6	-12.6
1914	56.6	-4.8	55.2	**-17.8**	68.4	2.1	73.5	16.3	81.2	32.3	89.7	40.1	89.2	47.1	**94.7**	43.1	87.4	26.1	76.5	23.2	69.8	10.9	52.9	-5.8
1915	60.2	**-14.1**	67.0	2.6	63.9	4.6	75.8	25.7	82.3	27.0	82.8	33.1	90.7	46.2	**92.0**	42.2	87.5	32.7	80.3	24.2	72.4	3.0	61.9	-9.9
1916	61.0	**-24.2**	66.2	-18.3	74.9	5.3	78.0	16.7	87.8	19.2	**92.7**	31.6	90.9	47.0	89.6	41.2	86.8	26.5	75.5	18.2	69.7	-21.1	58.4	-10.8
1917	55.7	-18.4	59.7	-5.8	71.6	-13.1	73.3	17.3	79.4	12.1	**94.2**	31.2	92.3	44.2	92.2	41.1	88.8	30.7	83.3	-7.4	71.2	18.2	67.0	-7.8
1918	66.3	**-21.0**	67.3	-13.0	72.0	-1.0	66.0	18.1	82.0	29.0	93.0	37.4	90.0	40.7	**94.7**	39.7	81.8	31.2	79.0	18.6	69.3	-7.8	61.0	-8.7
1919	54.5	-15.0	62.3	-5.6	75.6	9.3	81.0	21.8	81.0	33.2	93.2	30.0	**95.0**	48.2	94.4	45.2	86.6	33.0	76.8	16.0	68.6	-14.4	60.0	**-35.2**
1920	69.0	-10.2	57.0	-11.2	68.8	**-12.2**	68.8	-4.0	85.0	32.0	87.7	42.6	**91.8**	46.9	88.8	44.0	87.2	26.2	81.6	15.2	69.4	-1.8	62.0	-12.0
1921	63.2	-11.6	69.7	-8.2	81.0	9.4	77.9	16.8	80.0	30.0	**94.2**	44.6	91.9	45.0	90.2	45.8	86.7	26.5	83.7	25.0	72.7	8.6	71.7	**-16.5**
1922	61.1	**-26.6**	62.8	-1.9	69.2	-20.1	70.9	15.1	82.2	27.7	95.2	30.8	**98.8**	42.2	91.7	51.0	89.0	36.4	86.8	14.9	64.3	10.0	62.2	2.8
1923	67.0	7.9	56.9	-13.7	59.4	-4.9	76.9	21.0	82.5	28.2	**90.8**	41.7	90.7	48.0	90.0	45.5	85.6	31.4	72.7	12.3	67.0	10.6	62.0	**-20.9**
1924	55.1	-19.7	68.0	-11.2	52.5	-12.0	77.4	13.4	84.0	23.6	94.3	38.5	92.2	46.1	**96.7**	46.0	88.0	31.0	78.2	28.4	70.3	12.0	70.0	**-29.7**
1925	57.1	-11.4	63.4	10.8	72.9	0.4	83.0	22.0	90.0	28.1	90.7	37.2	**101.7**	48.0	90.0	46.6	87.6	36.6	84.0	12.4	62.0	3.6	57.3	**-15.0**
1926	47.0	-8.5	59.1	5.7	71.0	-5.2	77.2	17.5	86.5	35.0	93.0	42.2	94.2	46.7	**95.0**	46.7	86.1	20.1	88.0	8.3	64.0	14.1	58.2	**-17.5**
1927	62.3	0.4	65.4	-11.2	62.4	-7.9	81.5	17.0	86.0	30.0	**93.0**	38.9	91.0	47.6	84.8	45.0	85.2	28.0	80.5	25.0	75.3	6.0	48.2	**-16.4**
Extreme ...	71.0	-31.4	70.0	-38.4	81.0	-24.6	91.0	-4.0	90.0	12.1	97.2	30.0	101.7	36.0	99.6	31.7	95.0	20.1	88.0	-8.0	78.0	-21.1	71.7	-31.0

NOTE—Extremes are printed in bold-faced type.

TABLE 16.—Monthly Mean Dew Point ½ (7A+7P)—At the Colorado Experiment Station, Fort Collins, Colorado

Date	Jan.	Feb.	Mar.	April	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	51.1	34.2	30.9	19.9	20.1	32.2
1890	11.2	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	20.8	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	29.0
1896	10.4	12.0	19.8	26.5	32.5	50.5	56.6	51.5	46.2	30.4	12.5	15.7	30.4
1897	6.6	14.1	19.8	29.5	44.6	50.5	53.3	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	51.3	49.0	42.4	30.3	17.4	10.9	31.8
1901	10.7	12.2	18.8	30.0	42.8	49.8	56.7	54.6	40.5	31.6	20.4	16.5	32.0
1902	9.9	17.0	18.3	29.0	40.8	48.2	52.6	50.7	39.9	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	15.1	17.8	32.0
1905	17.5	11.9	28.2	32.3	40.2	52.4	53.6	54.1	42.4	26.4	21.9	7.9	32.4
1906	10.3	10.2	16.6	31.7	39.2	47.7	53.9	52.9	47.8	30.8	22.6	20.4	32.0
1907	15.0	18.0	21.3	28.6	37.4	45.4	55.7	52.3	42.8	34.3	17.4	14.7	31.9
1908	9.5	12.0	17.0	23.7	35.6	45.7	54.7	55.0	44.3	30.1	18.4	14.7	30.1
1909	17.2	13.9	25.4	25.9	32.7	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	39.2	47.5	52.7	51.2	45.3	31.5	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
1912	12.6	15.4	17.8	30.0	36.9	49.0	56.9	54.9	41.9	34.8	24.8	13.8	32.4
1913	11.2	10.0	21.3	31.9	43.8	50.1	54.6	56.3	47.0	31.3	25.4	8.5	32.6
1914	16.5	16.4	22.2	32.3	44.3	54.2	59.7	55.6	46.3	38.3	20.3	11.4	34.8
1915	8.7	15.9	23.2	38.7	38.4	47.8	55.4	55.1	46.9	35.2	21.7	15.0	33.5
1916	8.9	18.7	25.8	35.4	48.0	54.2	55.3	54.4	45.5	34.9	17.0	10.0	34.0
1917	9.9	19.0	20.4	33.6	43.8	54.4	57.6	51.7	47.6	27.3	24.8	16.8	33.9
1918	8.8	13.3	23.3	29.3	38.8	53.7	56.6	53.6	45.9	38.3	18.0	14.6	32.8
1919	14.6	16.8	23.5	34.1	38.7	45.9	55.0	51.2	50.2	30.9	18.3	12.0	32.6
1920	18.4	18.2	17.8	25.7	43.9	51.2	55.6	53.9	44.3	30.9	19.9	15.2	32.9
1921	15.0	19.9	24.3	29.6	43.9	53.5	56.6	54.9	42.5	31.1	21.8	17.4	34.2
1922	7.8	12.4	20.3	31.2	39.4	53.2	56.2	56.8	43.4	27.1	23.3	15.6	32.2
1923	15.1	14.3	17.8	26.7	41.7	51.7	60.0	55.7	44.8	32.9	23.1	14.1	33.2
1924	10.1	19.5	17.5	27.9	34.1	47.6	52.5	47.7	42.6	32.9	17.4	9.4	29.9
1925	12.2	15.8	19.4	25.9	39.4	48.4	54.4	53.2	46.2	32.0	22.8	15.7	32.1
1926	15.2	20.9	22.0	33.2	42.6	50.0	54.3	51.7	41.3	30.2	22.3	12.6	33.0
1927	15.9	15.9	23.6	30.0	35.8	50.1	53.9	53.8	44.5	31.1	23.7	11.1	32.4
Average	12.0	13.7	20.7	29.1	39.5	49.5	54.8	52.8	43.2	30.7	20.2	13.6	31.6
Maximum	28.2	24.5	28.4	42.0	48.0	54.4	60.0	56.8	50.2	38.3	25.7	20.4	36.0
Minimum	6.6	2.4	15.2	20.8	32.5	44.2	51.3	47.7	34.2	24.0	12.5	7.9	27.7

TABLE 17.—MONTHLY MEAN RELATIVE HUMIDITY ½ (7A+7P) IN PERCENTAGE OF SATURATION
At the Colorado Experiment Station, Fort Collins, Colorado

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1887	56.6	65.8	44.4	51.4	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	64.3	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	69.0	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	78.8	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	83.6	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	86.8	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
1912	73.6	76.6	88.4	62.8	56.4	66.5	75.6	71.7	81.2	79.8	78.3	73.7	73.5
1913	74.2	80.7	77.2	65.2	67.5	62.6	68.6	66.8	80.6	68.0	73.3	89.1	72.4
1914	69.2	83.3	65.0	67.7	70.3	67.0	72.2	72.6	69.5	77.9	64.8	81.5	71.8
1915	65.1	65.8	78.5	72.1	66.7	68.1	74.1	80.2	78.4	78.8	61.8	68.6	71.5
1916	77.0	72.5	59.2	74.1	82.4	76.0	60.9	72.3	73.9	78.2	72.2	75.7	72.9
1917	71.4	74.6	77.5	78.6	89.7	75.3	68.0	70.6	76.3	63.6	71.4	71.3	74.0
1918	75.2	63.8	58.7	69.7	60.7	64.4	71.5	68.9	80.8	74.9	74.7	71.7	69.6
1919	69.4	78.4	67.4	65.8	55.8	52.9	60.4	60.0	78.0	77.0	78.8	78.8	68.6
1920	77.6	78.5	60.4	69.9	74.1	68.7	62.5	71.5	69.4	66.5	73.0	70.1	70.2
1921	68.2	70.3	59.0	63.2	67.9	67.9	67.5	69.8	62.4	57.8	66.6	74.4	66.2
1922	76.1	71.5	63.4	70.4	57.0	62.5	68.5	67.0	62.3	58.2	78.9	74.9	67.6
1923	59.7	83.3	75.2	56.7	67.4	70.5	73.7	75.1	70.7	79.8	73.2	74.5	71.6
1924	75.6	70.8	80.4	59.3	55.8	56.1	58.9	53.4	69.0	65.9	56.2	76.3	64.8
1925	73.9	58.2	54.6	42.7	56.5	56.6	59.4	68.0	67.3	82.2	76.5	75.8	64.3
1926	76.5	68.7	68.9	66.9	62.9	62.0	64.7	61.5	64.5	60.6	61.7	78.2	66.4
1927	69.0	65.4	74.8	63.1	48.2	69.8	63.1	74.7	68.5	65.0	65.8	78.4	67.2
Average	71.5	72.1	66.9	60.5	62.7	63.7	66.3	67.1	67.7	68.1	70.0	73.1	67.5
Maximum	89.3	87.2	88.4	78.8	89.7	79.9	75.6	80.2	81.2	82.2	80.6	89.1	74.0
Minimum	44.6	58.2	41.0	37.6	46.6	51.4	55.8	53.4	51.4	50.5	56.2	55.4	57.7

TABLE 18.—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.	April	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	3.9	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
1912	3.0	3.8	3.2	2.8	4.2	4.6	4.4	3.9	4.6	1.9	3.7	4.0	3.7
1913	3.2	2.5	2.3	2.7	3.7	4.6	4.7	4.8	4.1	3.7	3.8	2.4	3.5
1914	3.8	1.8	3.1	2.8	3.6	4.6	4.6	3.6	4.0	3.3	4.1	3.3	3.5
1915	3.3	3.1	2.4	2.8	3.2	3.5	3.8	4.8	4.1	4.2	4.7	2.6	3.5
1916	4.0	4.2	4.0	4.4	7.4	4.7	4.7	4.1	4.7	3.7	3.5	4.1	4.5
1917	4.1	3.7	3.4	3.4	2.9	5.7	5.4	4.5	4.9	3.8	4.9	3.4	4.2
1918	4.3	4.0	3.4	2.8	3.7	5.5	3.6	4.2	5.6	4.5	4.8	4.2	4.1
1919	4.9	4.4	4.3	3.5	5.7	7.9	8.6	7.7	6.3	4.3	5.3	5.4	5.7
1920	3.6	5.1	4.6	4.0	4.4	6.0	6.3	5.2	5.7	5.6	4.3	5.0	5.0
1921	4.3	4.2	4.0	3.7	3.8	5.0	5.2	4.4	5.7	5.3	4.6	4.1	4.5
1922	4.2	4.1	4.3	3.3	5.1	6.8	5.8	5.5	4.6	4.5	3.1	3.6	4.6
1923	3.5	3.2	2.8	2.8	2.6	4.6	3.2	4.1	3.7	3.3	4.1	4.1	3.5
1924	3.7	3.4	2.6	3.2	3.8	5.1	4.7	4.2	3.9	4.3	4.2	4.0	3.9
1925	4.5	4.2	2.7	3.4	3.3	4.0	5.3	3.2	3.8	1.9	3.8	3.5	3.6
1926	3.1	3.1	3.1	3.0	4.0	3.1	3.7	3.8	2.8	3.3	3.4	3.4	3.3
1927	3.2	2.7	2.3	2.9	3.5	2.7	3.3	3.1	3.5	4.3	4.0	3.4	3.2
Average	4.4	4.2	4.0	3.9	5.1	5.7	5.4	5.0	5.1	4.8	4.9	4.7	4.7
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	1.8	2.3	2.6	2.6	2.7	2.9	2.9	2.8	1.9	2.9	2.4	3.2

TABLE 19.—MONTHLY MEAN TERRESTRIAL RADIATION THERMOMETER
At the Colorado Experiment Station, Fort Collins, Colorado—6 Inches from the Ground

Date	Jan.	Feb.	Mar.	April	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	25.3
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	25.2
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	25.5
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	25.9
1894	3.3	−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	27.2
1898	5.6	12.4	11.9	26.4	37.6	45.3	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	28.4	37.8	44.2	46.8	43.4	37.5	26.8	15.7	9.7	27.5
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	25.7	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	21.0	28.2	37.5	42.0	44.7	43.8	34.4	24.6	17.4	...	...
1905	7.6	1.5	24.0	27.3	34.2	40.7	...	...	...	...	...	...	....
1906	5.6	7.3	10.8	29.0	34.8	41.2	44.7	45.2	39.9	26.5	17.1	16.7	26.6
1907	9.6	16.0	22.6	25.2	31.2	36.8	44.6	44.4	36.2	26.7	10.8	9.9	26.2
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	25.9
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	28.0
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	29.6
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
1912	8.2	9.7	6.5	27.2	34.8	40.6	48.4	47.0	33.8	27.0	18.4	8.2	25.8
1913	6.4	3.4	17.2	28.5	37.7	43.1	47.5	49.2	38.2	27.0	20.6	−0.4	26.5
1914	11.7	12.5	20.7	30.8	38.4	43.9	49.9	47.8	39.9	32.0	17.9	4.8	29.2
1915	6.0	15.6	18.9	34.9	34.4	43.7	48.6	44.6	39.1	28.9	20.3	12.7	29.0
1916	1.0	12.5	23.6	26.8	32.7	39.0	49.7	48.0	36.8	27.7	12.3	4.9	26.2
1917	4.4	14.2	13.4	26.8	33.7	40.0	49.0	45.3	38.9	25.3	20.8	13.4	27.1
1918	2.5	12.0	23.1	26.9	35.4	46.8	49.6	47.9	38.9	32.9	13.4	10.9	28.3
1919	10.0	9.7	19.9	30.2	34.5	38.5	47.4	44.7	41.8	25.5	12.2	4.4	26.6
1920	13.8	12.1	15.8	21.7	37.5	42.1	47.7	46.7	36.9	26.9	15.4	10.2	27.2
1921	9.7	14.6	22.2	26.1	38.3	46.7	49.4	49.6	38.0	29.7	18.4	12.4	29.6
1922	1.5	8.2	16.5	27.8	36.2	42.6	46.6	50.5	40.1	25.8	19.4	12.4	27.3
1923	16.7	6.6	11.9	28.0	39.1	45.0	54.0	49.8	39.8	29.1	18.8	9.0	29.0
1924	2.6	17.6	12.2	26.2	33.2	42.3	48.4	47.1	37.7	31.4	18.7	3.3	26.7
1925	5.1	17.2	22.0	31.2	40.1	47.9	51.4	49.8	43.6	28.2	18.4	10.6	30.4
1926	10.1	19.9	19.5	29.7	38.3	46.8	49.4	48.4	40.4	29.9	23.8	6.9	30.3
1927	14.6	15.6	20.1	28.9	37.6	46.4	50.4	48.7	41.5	29.3	22.4	4.7	30.0
Average	7.6	9.5	18.0	27.4	35.4	42.6	48.2	46.9	38.2	27.5	16.8	8.7	27.2
Maximum	14.6	19.9	24.0	34.9	40.1	47.9	54.0	50.8	43.6	32.9	23.8	16.7	30.4
Minimum	1.0	−8.8	6.5	21.7	31.1	36.8	44.2	41.5	32.8	20.4	10.2	−0.4	25.2

Table 20.—Monthly Mean and Normal Barometer—At the Colorado Experiment Station, Fort Collins, Colorado. ½ (7A+7P)

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1887	24.778	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	24.827	25.075	25.102	25.126	24.988	25.031	24.985	24.944
1889	24.933	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	25.034	25.010
1891	24.999	24.972	24.874	24.953	25.005	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	24.965	25.085	25.069	25.086	25.042	24.959	24.939	24.981
1893	24.927	24.897	24.867	24.875	24.923	24.962	25.036	25.058	24.973	25.006	24.976	24.977	24.984
1894	24.875	24.939	24.886	24.921	24.978	24.956	25.133	25.130	25.012	24.975	25.084	25.025	24.956
1895	24.859	25.014	24.918	24.964	24.951	25.065	25.084	25.074	25.019	25.113	24.979	24.934	24.998
1896	24.964	24.956	24.911	24.858	24.887	25.054	25.104	25.110	25.060	25.037	24.954	25.052	24.966
1897	24.985	24.853	24.806	25.006	25.035	24.964	25.061	25.123	25.124	25.042	24.990	24.993	24.999
1898	24.917	24.995	24.878	25.002	24.940	25.006	25.064	25.057	25.027	25.039	24.927	25.039	24.991
1899	24.884	24.862	24.853	24.933	24.885	25.003	25.096	25.005	25.120	25.008	25.019	24.995	24.972
1900	25.019	24.892	24.987	24.910	24.989	25.006	25.009	24.995	25.035	25.015	25.048	25.037	24.995
1901	24.965	24.976	24.871	24.975	24.949	24.926	25.040	25.119	24.989	25.111	25.086	24.966	24.998
1902	25.026	24.888	24.836	24.923	24.920	24.952	25.036	25.058	25.040	25.054	24.936	24.954	24.970
1903	24.919	24.971	24.966	24.925	24.964	25.005	25.025	25.055	25.041	25.111	25.033	25.022	25.011
1904	24.920	24.867	24.821	24.990	24.962	25.040	25.070	25.130	25.123	25.089	25.113	24.974	25.008
1905	25.086	25.011	24.927	24.935	24.920	24.965	25.087	25.094	25.042	25.068	24.983	25.031	25.012
1906	24.973	25.003	24.982	24.983	24.919	24.962	25.129	25.066	25.083	25.068	25.020	25.007	25.016
1907	24.912	25.019	24.907	24.957	24.945	24.953	25.067	25.063	25.057	25.117	25.086	24.930	25.001
1908	25.003	24.951	24.946	24.949	24.851	24.955	25.139	25.086	25.096	25.021	25.064	24.992	25.004
1909	24.922	24.855	24.905	24.912	24.898	25.040	25.006	25.092	25.106	25.064	25.003	24.931	24.981
1910	24.977	24.960	25.030	25.003	25.037	24.990	25.064	25.080	25.085	25.044	24.978	24.977	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
1912	24.932	24.965	24.959	24.918	24.979	25.108	25.115	25.064	25.082	25.035	25.089	24.988	25.020
1913	24.910	24.940	24.918	24.982	24.992	25.008	25.102	25.105	25.087	25.029	25.010	25.043	25.010
1914	24.908	24.962	25.016	24.972	25.030	24.985	25.097	25.056	25.039	25.034	25.060	24.968	25.011
1915	24.861	24.908	24.993	24.932	24.889	24.979	25.023	25.117	24.987	25.056	24.946	24.920	24.968
1916	24.857	25.025	24.917	24.962	24.877	24.950	25.045	25.061	25.033	25.021	25.047	24.803	24.966
1917	24.891	24.930	24.907	24.924	24.924	25.028	25.063	25.108	25.096	25.047	25.123	24.970	25.001
1918	24.841	24.907	24.944	24.912	24.892	25.056	25.088	25.057	25.115	25.043	24.973	24.967	24.983
1919	25.014	24.808	24.935	24.937	24.913	25.031	25.047	25.082	25.035	24.954	24.979	25.019	24.980
1920	25.034	25.008	24.783	24.799	24.944	25.001	25.116	25.094	25.026	24.966	25.073	24.872	24.976
1921	24.972	24.969	24.920	24.894	24.925	24.995	25.071	25.098	24.989	25.041	24.978	25.011	24.989
1922	24.910	24.899	24.878	24.890	24.954	25.021	25.093	25.079	25.086	25.019	25.008	24.920	24.980
1923	24.932	25.049	24.942	24.886	24.914	24.937	25.070	25.080	25.040	25.047	25.047	24.972	24.993
1924	24.957	25.036	24.821	24.896	24.968	24.960	25.042	24.998	25.024	24.986	25.018	24.966	24.973
1925	24.949	24.899	24.927	24.922	24.962	24.962	25.104	25.083	24.995	24.981	25.016	24.996	24.983
1926	24.951	24.921	24.980	24.984	24.936	25.022	25.073	25.072	24.974	24.982	24.965	24.930	24.982
1927	25.013	24.915	24.916	24.911	24.867	25.008	25.130	25.099	24.991	25.027	24.944	24.906	24.977
Average	24.937	24.939	24.916	24.936	24.940	24.988	25.075	25.081	25.051	25.038	25.015	24.966	24.990
Maximum	25.086	25.090	25.030	25.006	25.037	25.108	25.139	25.188	25.126	25.117	25.130	25.052	25.020
Minimum	24.778	24.793	24.783	24.799	24.835	24.827	25.023	24.995	24.974	24.932	24.927	24.803	24.944

TABLE 21.—MONTHLY PRECIPITATION—At the Colorado Experiment Station, Fort Collins, Colorado

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1872	...	...	...	...	...	...	...	...	...	...	0.02	0.20	...
1873	0.25	0.16	0.00	1.20	2.30	1.50	1.30	0.85	0.75	0.42	0.20	0.17	9.10
1874	0.06	0.43	1.29	0.77	2.95	0.65	3.15	0.25	0.00	1.00	0.02	0.00	10.57
1879	...	...	...	...	...	...	...	...	...	1.75	0.15	0.60	...
1880	0.72	1.09	0.38	0.94	0.60	0.86	1.80	0.37	1.47	2.07	1.10	0.10	11.50
1881	1.10	0.55	1.45	...	...	...	...	...	...	...	...	...	...
1882	...	...	0.17	...	4.67	3.07	1.76	0.89	2.51	0.82	0.29	...	...
1883	1.00	1.50	0.68	...	2.51	3.18	...	1.78	1.00	1.29	T	1.33	...
1884	1.10	0.70	1.15	3.94	4.84	...	...	...	...	0.10	1.80	0.35	...
1885	1.77	...	...	...	...	...	...	...	...	...	...	...	...
1886	...	...	...	...	...	...	...	...	...	0.69	1.18	0.33	...
1887	0.86	0.23	0.45	1.10	1.23	1.96	3.05	2.12	0.54	0.43	0.15	0.00	12.12
1888	0.29	0.36	0.73	1.23	3.39	0.47	0.60	1.01	0.29	0.88	0.38	0.16	9.79
1889	0.21	0.34	0.65	2.07	3.39	2.06	0.79	0.95	0.42	3.16	0.42	0.02	14.48
1890	0.13	0.21	0.22	3.92	1.19	0.12	1.27	3.14	0.07	0.70	0.32	0.12	11.41
1891	2.32	0.15	1.21	2.14	4.07	1.30	0.17	2.06	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	0.14	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	0.18	0.16	0.55	0.12	7.11
1894	0.25	0.60	0.67	0.89	3.09	0.42	1.72	1.53	2.29	T	0.14	0.76	12.36
1895	0.24	1.52	0.54	1.36	3.62	3.65	3.75	1.45	0.47	1.06	0.40	0.01	18.07
1896	0.43	0.03	1.73	1.26	1.68	3.05	3.05	2.20	1.55	0.49	0.05	0.24	15.76
1897	0.18	0.54	2.15	1.39	2.06	1.69	2.65	1.74	0.75	0.75	0.67	0.67	15.24
1898	0.14	0.08	0.50	1.08	3.65	1.37	0.50	0.98	0.50	0.82	1.24	0.17	11.03
1899	0.66	1.04	1.50	1.10	1.01	1.03	4.95	0.99	0.21	3.23	T	0.47	16.19
1900	0.25	1.12	1.07	10.56	1.75	0.82	1.14	0.16	1.92	0.24	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	0.36	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	1.03	1.50	0.63	2.23	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	0.39	0.00	0.12	13.13
1905	0.29	0.35	1.75	6.32	4.13	0.64	2.18	1.25	0.28	2.60	0.07	T	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	3.66	2.12	0.54	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	16.24
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	12.92
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
1912	0.37	1.65	1.79	0.90	2.84	2.43	2.93	1.26	2.66	2.03	0.59	0.21	19.66
1913	0.30	0.94	0.20	1.49	2.09	0.15	2.63	0.41	2.39	1.00	0.17	4.08	15.85
1914	0.35	0.30	0.87	3.23	2.73	2.01	1.68	1.27	0.02	1.58	0.12	0.15	14.31
1915	0.12	1.41	1.73	4.01	3.78	1.90	2.12	1.56	2.97	1.97	0.10	0.82	22.49
1916	0.84	0.11	0.31	0.86	3.85	0.60	0.65	0.71	0.70	2.92	0.98	0.62	13.15
1917	0.40	1.04	0.99	1.22	5.86	0.03	1.19	1.21	0.45	0.62	0.40	0.31	13.72
1918	0.41	1.05	0.14	3.72	2.95	1.18	4.83	1.91	3.23	0.71	0.90	0.76	21.79
1919	T	0.30	1.65	0.93	0.45	0.19	0.64	0.61	2.61	1.93	1.22	0.39	10.92
1920	0.54	0.64	0.14	3.60	1.95	0.60	0.58	1.72	0.60	0.50	0.24	0.54	11.65
1921	0.96	0.19	0.13	1.71	1.97	3.66	1.40	2.55	0.68	0.37	0.32	0.89	14.83
1922	0.35	0.53	0.36	2.80	0.87	1.03	0.80	0.73	0.02	0.74	1.44	0.31	9.98
1923	0.19	1.39	2.74	2.18	4.46	6.23	4.50	0.62	1.36	3.55	0.10	0.25	27.57
1924	0.51	0.54	1.83	0.93	3.90	0.22	0.21	0.05	0.84	0.78	0.09	0.74	10.64
1925	0.27	0.09	0.58	0.10	1.18	1.50	1.85	1.32	1.96	3.26	0.89	1.50	14.50
1926	0.25	0.28	1.54	2.99	1.76	1.58	0.93	0.86	1.03	1.15	0.36	0.83	13.56
1927	0.04	0.40	1.87	2.69	0.91	2.17	2.19	2.10	1.10	1.05	1.00	0.25	15.77
Normal	0.43	0.62	1.01	2.12	2.83	1.60	1.83	1.19	1.28	1.16	0.47	0.49	15.03
Average 41 Years	0.35	0.60	1.06	2.16	2.81	1.57	1.81	1.24	1.30	1.19	0.46	0.51	15.06
Maximum	2.32	1.65	3.35	10.56	7.47	6.23	4.95	3.14	7.12	3.55	1.80	4.08	27.57
Minimum	T	0.03	0.00	0.05	0.45	0.03	0.17	0.05	0.00	T	0.00	0.00	7.11

TABLE 22.—MONTHLY AVERAGE WIND IN MILES PER DAY—At the Colorado Experiment Station, Fort Collins, Colorado

Date	Jan.	Feb.	Mar.	April	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	158
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	153	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	199	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
1912	181	187	140	227	162	88	73	54	81	73	107	167	128
1913	192	107	165	145	132	136	117	106	116	133	110	105	130
1914	144	113	136	152	112	116	109	110	117	98	84	81	114
1915	144	133	130	143	135	142	123	99	90	79	142	174	128
1916	133	140	283	200	213	130	104	105	123	121	124	152	152
1917	170	176	190	178	137	128	74	107	116	171	107	168	144
1918	178	223	167	212	169	96	67	71	70	93	114	120	132
1919	125	172	112	180	165	136	130	117	102	119	127	116	133
1920	116	117	223	217	163	128	114	113	108	109	123	181	143
1921	171	111	122	157	156	109	104	103	138	155	130	141	133
1922	120	109	90	117	128	64	94	105	103	109	71	88	100
1923	245	133	180	189	177	141	105	111	125	121	114	124	147
1924	121	146	116	125	119	112	129	128	130	150	174	133	132
1925	146	159	145	214	149	147	125	109	112	121	118	139	140
1926	129	182	156	140	148	128	107	114	118	134	210	101	139
1927	165	156	162	182	220	127	114	97	108	128	138	113	164
Average	157	162	179	195	165	136	112	109	118	132	141	149	150
Maximum	245	251	287	297	263	232	168	153	174	219	225	246	224
Minimum	96	107	90	117	112	64	67	54	70	73	68	81	100

TABLE 23.—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.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1887	2.46	3.23	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	4.64	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	1.55	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	2.40	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	3.33	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	5.01	4.52	3.79	5.03	3.18	0.89	0.26	40.15
1909	0.66	0.66	2.82	3.20	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
1912	0.92	0.68	0.73	4.43	6.63	5.09	5.15	5.71	4.36	3.00	1.52	1.66	39.88
1913	0.81	0.71	1.35	4.24	4.14	5.26	6.01	5.88	4.10	2.74	...	...	....
1914	0.68	0.62	2.37	3.26	4.23	5.86	5.81	5.49	4.96	3.22	1.93	1.36	39.79
1915	1.36	1.32	0.57	4.10	4.62	5.04	5.07	4.18	3.74	3.17	2.18	0.84	36.19
1916	0.84	0.87	4.29	4.24	6.06	6.37	6.60	5.63	4.60	2.79	1.20	1.10	44.59
1917	1.10	0.99	1.10	3.80	4.08	6.26	6.30	5.19	4.05	3.88	1.61	1.51	39.87
1918	2.19	1.98	3.68	4.04	6.56	5.92	5.57	6.35	2.85	2.39	1.72	1.84	45.09
1919	1.87	1.69	2.12	4.78	5.65	6.36	7.07	6.54	3.87	3.35	1.45	1.90	46.65
1920	1.90	1.64	3.27	4.32	5.51	5.05	6.20	5.74	4.87	3.29	1.87	1.88	45.54
1921	1.88	2.20	3.64	4.12	4.90	6.20	6.36	5.78	5.53	4.26	1.92	2.17	48.96
1922	1.98	1.79	2.64	3.67	6.34	7.36	7.11	7.26	5.43	3.89	1.38	1.25	50.10
1923	2.77	2.05	1.08	5.32	6.36	6.93	5.25	5.39	4.99	2.69	1.14	1.97	45.94
1924	1.63	1.39	1.36	3.77	5.33	6.52	6.71	7.62	4.85	3.29	2.73	1.79	46.99
1925	2.13	2.55	3.35	6.66	5.97	6.53	7.65	5.95	4.97	2.03	1.03	0.83	49.65
1926	0.83	1.84	2.04	3.66	4.83	5.98	5.75	6.99	5.43	4.28	1.84	2.04	45.51
1927	2.04	1.85	...	4.12	7.44	4.64	6.09	4.99	4.68	3.47	2.54	...	....
Average	1.41	1.56	2.62	4.27	4.98	5.60	5.79	5.36	4.41	3.28	1.61	1.30	43.49
Maximum	2.77	3.23	4.60	6.66	7.44	7.70	7.65	7.62	5.53	4.64	2.81	2.17	....
Minimum	0.64	0.58	0.57	2.24	3.49	3.97	4.26	4.99	2.17	2.03	0.62	0.26	....

TABLE 24.—MONTHLY MEAN, MAXIMUM AND MINIMUM TEMPERATURES—At Arkansas Valley Sub-Station, Near Rocky Ford, Colorado

DATE	January		February		March		April		May		June		July		August		Septemb'r		October		Novemb'r		December		Year	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1888	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	80.4	66.2	....	....	....	....	....	....	....	....
1889	....	....	....	....	....	....	69.9	38.1	76.0	45.7	86.1	....	93.8	....	93.6	....	81.4	....	70.4	37.3	44.5	20.3	57.5	....	....	....
1890	47.7	....	54.5	....	62.6	....	68.1	....	78.0	....	89.2	53.2	94.6	61.2	91.1	55.1	83.1	44.6	72.1	29.7	60.0	21.5	54.4	16.9	....	....
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	89.2	58.2	91.4	55.8	85.0	50.1	73.8	32.2	56.5	20.6	43.4	18.0	....	....
1892	40.0	12.6	50.1	20.7	50.9	23.2	68.9	32.4	72.7	42.3	84.2	52.1	91.7	58.4	91.2	56.9	89.8	47.8	70.1	35.4	56.4	23.8	40.0	12.1	....	....
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	92.4	58.4	86.1	57.7	83.0	47.7	72.9	33.2	55.4	21.3	49.9	19.3	....	....
1894	48.1	14.5	39.0	10.0	59.8	26.8	70.7	36.2	81.1	46.9	86.8	52.2	92.4	57.6	90.5	55.6	82.4	46.3	74.9	33.5	60.9	21.2	46.7	15.5	....	....
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	84.2	56.4	87.1	56.5	88.0	48.1	69.9	33.0	54.7	18.7	44.6	15.4	....	....
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	90.9	59.6	91.9	58.4	80.6	51.7	66.5	34.7	52.5	20.1	55.4	16.9	....	....
1897	38.4	13.3	48.1	21.4	56.0	23.5	67.1	33.3	....	....	....	....	....	....	87.5	52.8	85.6	53.0	68.9	39.1	59.5	23.9	41.3	12.1	....	....
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	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
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	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
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	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
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	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
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	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
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	92.2	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
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	89.3	56.4	87.0	56.4	82.7	49.2	70.0	38.6	62.9	20.7	50.4	14.7	69.3	35.5
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	88.3	56.7	91.4	57.8	84.2	49.4	69.8	29.9	62.1	26.3	46.4	9.4	67.1	35.2
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	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
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	89.8	59.0	87.9	58.8	84.2	48.9	73.6	35.6	58.3	22.2	48.0	15.7	69.4	35.9
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	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
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	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
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	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
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	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
1912	34.9	5.0	43.1	20.6	43.7	21.2	66.3	35.4	76.1	45.4	81.9	51.1	89.2	59.0	88.1	56.9	76.6	46.4	70.2	34.7	61.0	21.8	47.6	13.3	65.5	34.2
1913	45.7	10.5	36.8	11.5	55.2	24.1	67.7	35.2	80.7	47.2	83.3	55.8	90.5	59.8	93.2	57.4	76.9	48.3	65.0	33.8	58.2	27.5	32.8	8.6	65.5	35.0
1914	46.9	21.6	47.5	15.2	59.1	24.5	66.8	36.2	75.7	47.6	86.9	57.3	87.1	60.5	89.4	57.1	84.3	50.4	71.3	38.1	62.3	24.1	36.3	11.5	67.8	37.0
1915	45.6	12.0	52.9	21.3	47.6	21.9	68.2	41.4	70.5	42.1	82.1	54.0	84.9	58.2	82.8	55.2	80.5	49.9	74.3	33.6	63.4	23.9	47.5	16.0	66.7	35.8
1916	40.0	13.3	57.7	18.9	66.2	30.1	65.4	35.4	77.7	44.3	87.6	54.4	94.1	61.6	86.8	59.6	80.0	46.8	70.5	36.3	54.7	22.0	44.9	12.6	68.8	36.3
1917	46.8	10.9	52.1	19.3	58.2	20.6	65.6	33.3	69.2	42.0	87.0	51.4	92.8	61.6	86.9	56.4	81.8	50.5	67.9	33.5	64.3	26.7	51.6	14.5	68.7	35.1
1918	35.2	6.5	55.9	20.1	62.6	30.7	62.9	32.4	79.2	45.7	91.0	58.8	89.7	60.1	91.2	58.5	76.5	47.2	72.4	42.6	53.5	21.5	42.7	13.7	67.7	36.5
1919	39.2	7.5	42.7	16.7	55.6	28.3	63.6	37.1	76.0	43.5	84.5	51.8	92.2	62.1	92.1	58.0	85.4	53.5	66.5	36.4	51.9	20.3	42.8	13.1	66.0	35.7
1920	49.5	18.0	50.2	21.3	59.8	23.4	61.2	29.8	75.6	46.9	85.2	55.6	91.4	59.3	86.1	56.3	82.5	49.2	71.4	39.3	52.0	24.2	45.8	15.5	67.6	36.6
1921	48.5	22.1	54.3	20.1	65.3	29.4	66.1	32.9	78.9	48.4	84.0	56.4	88.9	61.7	89.1	59.2	86.5	49.0	75.3	37.0	61.6	23.7	46.8	17.5	70.4	38.1
1922	43.1	8.5	52.1	16.2	59.3	25.6	64.1	36.6	75.8	45.5	90.2	56.6	91.8	58.4	93.3	60.1	86.8	49.7	74.9	33.7	53.6	24.5	52.9	17.8	69.8	36.1
1923	58.2	19.9	46.8	15.2	56.9	22.1	70.0	37.2	72.8	44.5	84.5	53.3	91.0	61.4	85.2	59.6	78.7	48.6	59.0	38.3	57.7	23.9	45.4	17.7	67.2	36.8
1924	44.8	9.1	52.9	22.6	46.0	19.5	66.5	34.6	71.4	42.7	89.9	55.8	95.6	60.2	92.6	57.5	81.3	46.3	73.4	38.5	61.3	23.0	31.2	5.5	67.2	34.6
1925	34.8	3.4	54.0	25.4	68.0	30.4	74.2	40.5	78.5	48.8	90.2	60.2	89.8	62.6	88.2	57.5	83.1	52.9	62.5	34.3	50.0	22.5	47.7	19.5	68.4	38.2
1926	44.9	18.4	58.9	22.3	56.0	26.1	63.8	35.4	76.4	47.9	86.9	55.2	90.1	58.4	91.8	56.7	82.7	49.7	74.2	36.3	59.6	24.8	43.2	14.5	69.0	37.1
1927	50.5	16.7	56.2	22.8	57.9	25.4	71.5	38.0	83.2	49.0	84.7	54.6	88.7	59.8	84.8	56.9	81.4	50.5	75.7	35.5	65.5	27.9	42.4	9.9	70.2	37.2
Average ...	45.9	13.9	49.4	17.0	58.7	25.1	67.6	35.4	76.1	45.0	86.3	54.5	90.5	59.3	89.6	57.3	82.7	49.1	70.7	35.3	57.5	23.1	45.6	14.1	68.4	35.8
Maximum ..	58.2	22.1	58.9	25.4	72.6	31.2	74.2	41.4	83.2	49.2	91.9	60.2	97.0	62.6	93.6	60.3	89.8	66.2	77.5	42.6	65.5	28.5	57.5	19.5	....	....
Minimum ..	34.8	3.4	33.1	0.6	43.7	19.5	61.2	29.8	68.1	40.9	78.2	51.0	84.2	56.4	82.8	52.8	76.5	42.9	59.0	29.7	44.5	18.7	31.2	5.5	....	....

TABLE 25—EXTREME MONTHLY TEMPERATURES—At Arkansas Valley Sub-Station, Rocky Ford, Colorado.

YEAR	January		February		March		April		May		June		July		August		Septemb'r		October		Novemb'r		December	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1888	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	83	31	74	18	62	13
1889	52	**-11**	54	-3	73	20	83	31	90	32	98	49	**104**	62	102	62	98	32	89	24	60	10	70	8
1890	74	**-10**	79	-8	80	3	86	19	91	42	102	39	**104**	55	103	47	96	31	83	22	80	13	70	6
1891	54	**-8**	72	-8	72	-6	90	15	89	31	95	43	98	50	**100**	45	95	34	82	24	76	4	69	-4
1892	68	-8	60	-5	75	-10	90	21	90	31	97	36	102	50	**104**	43	98	36	89	25	77	14	73	**-14**
1893	71	5	71	**-1**	88	4	85	17	94	19	**102**	41	101	45	92	47	94	39	86	22	77	5	66	7
1894	71	-6	59	-13	80	9	87	24	93	30	**101**	40	100	51	100	42	93	32	87	15	79	7	75	**-23**
1895	65	-11	71	**-23**	83	-3	85	19	96	31	97	42	98	46	97	48	**100**	28	82	16	76	-3	68	-10
1896	67	4	72	1	84	-2	87	15	94	33	**101**	41	98	54	100	49	97	38	85	14	81	**-5**	72	10
1897	54	**-15**	65	0	74	7	85	20	..	..	..	..	..	..	99	46	98	42	88	24	80	10	74	-8
1898	61	-10	74	12	74	2	86	23	90	30	99	41	99	53	**100**	52	96	32	90	20	80	2	64	**-17**
1899	61	-20	60	**-32**	82	2	87	18	94	32	**105**	43	102	53	99	45	99	35	92	22	74	19	66	**-20**
1900	67	2	67	-10	82	19	79	17	90	38	101	48	**103**	52	96	44	95	30	88	26	77	9	70	**-21**
1901	70	**-22**	69	-5	83	10	86	16	88	37	**105**	43	103	57	100	53	93	33	84	28	76	15	75	-16
1902	68	**-10**	72	-9	74	8	89	25	89	35	103	48	102	44	**104**	50	95	30	86	25	77	9	71	-7
1903	70	5	61	**-15**	77	-2	85	20	87	32	97	39	**101**	41	**101**	49	96	29	89	22	76	-12	68	3
1904	66	0	81	5	81	15	88	24	88	32	94	45	**99**	49	95	44	94	40	89	21	75	5	68	**-12**
1905	64	-13	67	**-24**	77	18	84	19	87	32	**100**	50	96	48	**100**	51	91	36	90	16	78	7	60	-4
1906	67	3	78	0	74	1	84	15	89	35	**99**	39	98	49	98	47	90	41	88	13	78	**-1**	75	5
1907	72	7	78	5	92	10	88	21	90	27	94	38	**97**	51	96	52	96	36	89	26	74	9	68	**-5**
1908	64	**-7**	72	-4	86	17	86	18	92	30	101	43	**102**	51	98	50	97	27	90	20	77	6	63	4
1909	69	**-18**	66	-9	74	-8	85	17	87	18	99	44	**102**	55	98	54	93	35	89	24	78	-1	64	-13
1910	74	-6	72	**-17**	85	15	91	22	92	31	100	41	**101**	54	98	39	95	37	90	13	81	16	67	4
1911	77	-15	72	-16	77	3	82	23	93	29	99	45	95	54	**100**	47	99	36	90	14	72	-16	64	**-26**
1912	58	**-19**	63	1	71	6	85	25	91	29	94	36	**98**	46	97	50	92	31	84	23	78	11	64	1
1913	65	**-21**	68	-12	77	0	84	21	93	33	95	43	**102**	51	101	49	93	32	85	13	77	15	46	-10
1914	66	9	70	-6	75	12	89	21	90	37	**98**	45	96	52	**98**	50	94	38	86	27	78	15	50	**-14**
1915	65	-2	74	-1	74	3	84	27	92	30	94	37	**97**	49	92	47	92	40	86	25	83	4	73	**-13**
1916	67	**-10**	72	-4	83	11	86	19	96	30	100	45	**101**	55	99	49	91	30	89	19	84	-6	69	-4
1917	68	**-9**	72	-8	82	-1	88	22	86	30	**101**	35	100	53	96	47	94	38	89	0	78	14	75	-1
1918	71	**-20**	75	-3	80	5	80	18	91	31	101	43	99	52	**102**	48	94	39	88	23	79	5	70	-13
1919	49	-19	63	-4	77	19	86	11	87	35	99	31	**101**	50	100	50	97	32	87	18	71	2	67	**-21**
1920	70	-4	69	13	77	**-10**	80	5	92	33	95	47	**100**	51	95	46	95	32	87	22	77	15	69	-9
1921	65	6	78	-2	85	4	85	19	93	37	97	45	**99**	49	97	51	95	54	88	28	78	9	72	**-3**
1922	73	-7	73	1	73	**-10**	80	23	89	34	101	45	**102**	51	101	53	95	36	92	17	71	-1	70	0
1923	73	8	68	-3	74	5	84	22	91	32	96	44	**102**	54	93	52	90	33	80	24	75	7	66	**-9**
1924	64	**-11**	75	10	70	-10	85	22	88	30	102	42	100	53	**104**	51	96	30	85	24	80	10	62	**-27**
1925	52	**-14**	67	15	84	15	90	24	97	30	98	45	**104**	54	98	52	98	37	93	12	70	3	67	5
1926	62	6	72	12	74	9	83	18	93	37	97	47	**102**	52	100	46	93	27	88	22	79	10	68	**-13**
1927	76	-8	79	8	74	-1	89	26	96	36	**104**	45	98	50	90	49	93	30	87	21	82	17	70	-6
Extreme ...	77	-22	81	-32	92	-10	91	5	97	18	105	31	104	41	104	39	100	27	93	0	84	16	75	-27

NOTE—Extremes are printed in bold-faced type.

TABLE 26.—MONTHLY MEAN TEMPERATURES—At Arkansas Valley Sub-Station, Rocky Ford, Colorado

Date	Jan.	Feb.	Mar.	April	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	74.1	68.8	52.7	40.1	26.0	51.0
1893	35.3	33.2	41.7	50.6	59.1	73.8	75.4	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	54.2	41.1	31.1	52.1
1895	26.7	24.4	39.5	53.5	60.5	68.3	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	74.1	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	63.9	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	24.1	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	74.4	73.4	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
1912	19.9	31.8	32.5	50.9	60.7	66.5	74.1	72.5	61.5	52.4	41.4	30.7	49.6
1913	28.1	24.1	39.6	51.5	64.0	69.5	75.2	75.3	62.6	49.4	42.9	20.7	50.2
1914	34.3	31.4	41.8	51.5	61.6	73.1	73.8	73.3	67.4	54.7	43.2	23.9	52.4
1915	28.8	37.1	34.8	54.8	56.3	68.1	71.5	69.0	65.2	54.0	43.6	31.8	51.2
1916	26.7	38.3	48.2	50.4	61.0	71.0	77.9	73.2	63.4	53.4	38.3	28.8	52.6
1917	28.9	35.7	39.4	49.4	55.6	69.2	77.2	71.6	66.2	50.7	45.5	33.1	51.9
1918	20.8	38.0	46.7	47.6	62.5	74.9	74.9	74.9	61.8	57.5	37.5	28.2	52.1
1919	23.3	29.7	42.0	50.4	59.8	68.2	77.1	75.1	69.4	51.5	36.1	28.0	50.9
1920	33.8	35.8	41.6	45.5	61.3	70.4	75.3	71.2	65.9	55.4	38.1	30.7	52.1
1921	35.3	35.2	47.3	49.5	63.7	70.2	75.3	74.2	67.7	56.1	42.6	32.1	54.3
1922	25.8	34.2	42.5	50.4	60.7	73.4	75.1	76.7	68.3	54.3	39.0	35.4	53.0
1923	39.0	31.0	39.5	53.6	58.6	68.9	76.2	72.4	63.6	48.7	40.8	31.5	52.0
1924	27.0	37.8	32.8	50.5	57.0	72.8	75.4	75.1	63.8	55.9	42.2	18.4	50.7
1925	19.1	39.7	49.2	57.3	63.7	75.2	76.2	72.9	68.0	48.4	36.2	33.6	53.1
1926	31.6	40.6	41.0	49.6	62.1	71.0	74.3	74.3	66.2	55.2	42.2	28.8	53.1
1927	33.6	39.5	41.7	54.8	66.1	69.7	74.3	70.8	66.0	55.6	46.7	26.2	53.8
Average	29.4	33.0	41.9	51.4	60.4	70.5	74.8	73.4	65.7	53.0	40.3	29.9	52.0
Maximum	39.0	40.6	51.7	57.3	66.1	75.2	79.4	76.7	73.3	57.5	46.7	36.5	54.3
Minimum	19.1	16.9	32.5	45.5	55.0	65.1	70.3	69.0	60.2	48.4	32.4	18.4	49.6

TABLE 27.—MONTHLY PRECIPITATION—At Arkansas Valley Sub-Station, Rocky Ford, Colorado

Date	Jan.	Feb.	Mar.	April	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	0.74	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	3.10	0.00	0.95	0.50	0.46	17.10
1893	0.02	0.08	0.80	0.25	0.70	0.40	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	0.85	0.20	0.57	12.11
1896	0.32	0.18	0.23	0.55	1.12	0.47	2.09	0.47	1.85	1.96	0.00	0.70	9.94
1897	0.75	0.37	0.20	0.44	...	...	...	0.73	0.79	2.64	0.19	1.06	....
1898	0.40	0.00	0.16	1.06	2.71	3.16	3.52	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	1.43	0.63	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	0.24	15.59
1901	0.20	0.10	1.00	2.36	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	0.26	0.22	9.40
1904	T	T	0.77	0.81	2.03	2.20	1.75	0.33	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	0.45	1.48	0.10	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	0.86	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	0.14	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	0.12	1.25	0.20	1.16	7.55
1912	0.16	0.75	0.16	0.65	1.70	1.57	1.22	0.82	1.77	0.40	0.00	0.00	9.20
1913	0.17	0.62	T	1.65	0.42	2.87	2.82	0.00	0.54	0.77	0.67	2.32	12.85
1914	0.00	0.14	0.35	2.92	3.38	2.68	3.09	0.87	1.18	1.68	T	0.30	16.59
1915	0.10	0.91	0.51	3.64	4.55	1.10	3.36	3.22	0.69	0.22	0.15	0.30	18.75
1916	T	T	0.32	1.78	0.80	0.88	0.45	4.52	1.01	0.16	0.10	0.31	10.33
1917	0.17	0.22	0.35	0.99	1.62	0.25	1.60	1.18	2.45	0.12	0.00	T	8.95
1918	0.56	0.41	0.35	0.57	0.34	2.70	1.79	1.10	1.51	0.21	0.20	1.14	10.88
1919	0.06	0.49	1.20	3.10	1.93	2.68	3.66	0.25	0.15	2.51	0.80	0.20	17.03
1920	0.10	0.21	0.00	1.63	1.35	0.82	3.07	0.85	0.65	1.75	0.00	0.05	10.48
1921	0.63	0.12	0.55	1.03	0.69	2.35	3.39	1.44	0.00	0.62	0.12	0.40	11.34
1922	T	0.12	0.21	1.46	1.63	0.55	1.81	0.33	0.02	0.06	0.97	T	7.16
1923	T	3.30	0.20	0.32	6.27	4.16	2.39	3.99	0.83	3.74	0.16	T	25.36
1924	0.15	0.05	1.16	1.29	0.93	0.34	0.79	T	0.20	0.32	T	0.60	5.83
1925	0.22	0.00	0.00	0.47	4.41	1.21	5.98	1.23	0.55	0.99	1.60	0.39	17.05
1926	0.20	T	1.12	0.38	1.91	1.46	0.82	0.18	0.21	0.58	0.19	0.36	7.41
1927	0.24	0.24	0.80	0.77	1.32	2.93	2.30	2.44	0.82	0.06	0.22	0.19	12.33
Average	0.24	0.39	0.56	1.53	1.84	1.48	2.60	1.38	0.77	0.90	0.41	0.45	12.55
Maximum	1.50	3.30	2.11	7.15	6.27	4.16	10.26	4.52	2.45	3.74	2.40	2.32	25.36
Minimum	0.00	0.00	0.00	0.14	0.28	0.23	0.42	0.00	0.00	0.00	0.00	0.00	5.83

TABLE 28.—MONTHLY MEAN TEMPERATURES—At Plains Sub-Station, Cheyenne Wells, Colorado

Date	Jan.	Feb.	Mar.	April	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	33.2	36.0	36.2	52.7	62.1	70.8	74.3	74.3	62.2	49.7	33.2	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
1912	21.4	29.7	26.7	47.6	59.3	65.0	72.8	70.5	58.6	51.0	40.9	29.7	47.8
1913	27.0	22.5	36.0	51.0	59.7	68.4	75.6	76.8	61.6	49.0	43.6	24.9	49.7
1914	33.2	28.4	40.0	50.0	59.0	71.8	73.3	73.9	67.7	54.4	46.5	22.8	51.8
1915	26.2	35.1	30.3	52.1	54.6	63.7	69.3	66.4	63.0	54.5	43.2	32.0	49.2
1916	22.6	34.3	45.8	45.3	59.1	68.6	78.4	73.4	63.4	49.6	38.2	24.2	50.2
1917	27.6	32.2	34.9	45.4	51.8	68.0	76.2	70.8	66.4	48.6	46.0	30.2	49.8
1918	22.3	35.2	46.3	44.1	61.1	74.1	73.1	74.8	60.0	55.5	36.7	29.1	51.0
1919	26.0	25.7	39.7	48.7	58.5	66.4	75.6	74.0	68.2	48.4	34.1	27.0	49.4
1920	32.8	33.6	39.7	43.0	58.8	68.4	75.0	69.9	62.3	54.8	36.9	30.5	50.5
1921	32.3	34.8	43.8	47.8	60.4	69.1	76.1	74.4	67.8	59.4	41.8	31.3	53.2
1922	25.6	31.6	39.3	47.5	58.8	71.7	73.9	75.4	68.3	55.8	40.2	30.5	51.6
1923	32.2	29.5	35.2	49.4	57.5	68.3	74.4	71.7	63.6	46.5	41.5	29.4	49.9
1924	27.4	34.9	27.9	49.4	54.1	70.7	72.7	75.1	63.3	54.6	39.0	20.6	49.1
1925	23.5	38.8	45.2	53.9	62.8	73.6	76.7	74.2	67.3	46.5	38.1	32.5	52.8
1926	31.2	39.3	39.7	47.5	61.1	68.5	74.5	76.3	64.2	55.4	40.3	27.0	52.1
1927	29.9	35.1	36.9	52.0	63.0	68.3	74.4	73.6	65.6	57.9	43.5	25.2	52.1
Average	28.5	30.9	38.7	48.9	58.5	68.7	73.8	73.1	64.7	52.4	40.4	29.2	50.6
Maximum	34.5	39.3	51.2	53.9	63.0	74.1	78.9	76.8	69.0	59.4	46.5	43.0	53.2
Minimum	21.4	14.9	26.7	43.0	51.8	62.0	68.7	66.4	58.6	46.5	33.2	18.0	47.8

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

TABLE 29.—MONTHLY PRECIPITATION—At Plains Sub-Station, Cheyenne Wells, Colorado

Date	Jan.	Feb.	Mar.	April	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	3.00	6.38	1.22	T	0.21	0.30	0.42	15.79
1896	0.45	T	0.71	3.41	2.28	3.03	2.27	3.07	0.84	0.78	T	0.60	17.44
1897	0.26	0.10	1.58	1.20	1.44	2.22	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	2.47	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	2.51	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	0.45	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
1912	T	1.53	1.42	0.63	0.34	3.30	3.20	2.77	2.16	0.42	0.10	0.05	15.92
1913	0.60	1.73	1.00	1.93	1.14	2.93	0.99	0.69	1.23	0.54	0.21	2.72	15.71
1914	0.19	0.10	T	1.70	4.09	1.15	2.16	1.00	0.04	2.96	0.00	0.50	13.89
1915	0.88	1.17	1.03	2.77	4.85	2.19	5.09	5.60	0.82	T	0.41	0.55	25.36
1916	0.44	T	0.32	2.93	1.47	2.04	1.01	4.14	0.68	0.15	0.57	0.64	14.39
1917	0.21	0.50	0.77	1.53	2.59	1.33	1.28	1.74	2.74	0.35	0.25	0.30	13.59
1918	0.83	1.35	1.10	1.87	2.47	2.46	4.53	2.63	1.94	1.48	0.43	1.86	22.95
1919	0.21	1.29	1.22	2.82	0.55	2.76	3.11	2.10	0.76	0.57	1.16	0.35	16.90
1920	0.08	0.28	0.30	2.56	2.37	2.58	4.59	4.75	0.57	1.81	0.10	1.00	20.99
1921	1.34	0.12	0.27	2.17	1.91	3.22	1.69	2.43	3.81	1.11	0.15	1.00	19.22
1922	T	0.50	1.50	3.55	1.40	1.68	3.22	3.77	T	0.00	0.85	0.70	17.17
1923	T	0.39	0.42	0.79	3.85	3.75	4.97	4.43	1.37	3.84	0.19	0.72	24.72
1924	0.00	0.41	2.26	1.05	1.42	0.28	1.42	0.91	1.32	0.94	0.00	1.22	11.23
1925	0.14	0.21	0.40	0.44	1.14	3.55	1.22	1.00	1.58	0.56	1.00	0.18	11.42
1926	0.43	T	1.71	0.48	3.10	4.05	1.23	0.35	1.04	0.26	0.25	0.44	13.34
1927	0.73	0.80	0.86	1.75	T	3.51	3.46	3.76	0.42	0.08	0.40	0.10	15.87
Average	0.28	0.50	0.77	2.00	2.11	2.63	2.87	2.40	1.26	0.91	0.40	0.59	16.72
Maximum	1.34	1.73	2.26	9.95	5.56	8.62	6.38	6.06	4.26	4.75	2.49	2.72	25.36
Minimum	T	0.00	T	0.02	T	0.28	0.99	0.35	T	0.00	0.00	T	9.72

TABLE 30.—MONTHLY MEAN, MAXIMUM AND MINIMUM TEMPERATURES—At Plains Sub-Station, Cheyenne Wells, Colorado

DATE	January		February		March		April		May		June		July		August		Septemb'r		October		Novemb'r		December		Year	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1894	....	....	....	....	....	....	....	....	....	....	87.9	53.5	90.2	58.7	87.2	57.7	80.8	48.3	73.4	36.2	62.0	23.9	44.6	15.3	....	....
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	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
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	88.4	60.2	88.9	59.7	76.0	48.4	64.4	35.1	47.3	19.1	53.6	22.0	66.6	37.1
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	89.8	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
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	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
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	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
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	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
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	95.6	62.2	89.3	59.4	79.1	43.8	69.7	38.2	59.5	27.2	43.6	15.4	66.1	36.1
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	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
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	88.0	58.3	86.8	58.1	80.7	47.3	70.8	35.2	56.7	25.9	50.7	17.5	63.8	35.1
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	86.5	58.1	86.5	56.4	79.9	49.7	68.3	39.7	60.3	26.9	46.6	19.0	66.7	35.7
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	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
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	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
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	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
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	86.0	57.5	84.9	55.8	84.8	50.2	66.4	34.9	55.1	25.9	37.8	13.5	66.4	34.9
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	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
1910	38.5	15.9	....	....	70.6	31.8	68.1	33.3	70.0	42.9	86.4	53.8	91.8	59.6	86.5	57.5	81.4	52.6	72.8	40.0	59.2	27.4	49.3	19.5	....	....
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	87.5	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
1912	33.5	9.4	40.5	18.9	35.7	17.8	62.2	32.9	74.9	43.6	80.1	49.8	86.8	58.8	84.5	56.6	72.0	45.2	66.7	35.3	56.6	25.3	43.9	15.5	61.4	34.1
1913	40.7	13.4	35.1	9.9	51.2	20.7	67.3	34.7	75.5	43.8	82.2	54.6	91.3	59.8	94.1	59.4	75.9	47.2	63.4	34.7	57.6	29.5	32.6	17.1	63.9	35.4
1914	42.2	24.3	43.0	13.9	55.9	24.2	64.9	35.0	72.1	45.9	87.2	56.3	86.8	59.8	89.3	58.5	83.7	51.6	69.6	39.1	61.3	31.6	33.3	12.2	65.8	37.7
1915	39.7	12.8	48.1	22.2	40.4	20.3	64.5	39.8	67.8	41.4	75.8	51.7	81.9	56.7	78.5	54.2	76.6	49.4	71.8	37.2	59.5	26.8	46.8	17.2	62.6	35.8
1916	36.2	9.0	50.1	18.5	64.2	27.3	59.7	31.0	75.4	42.8	84.2	52.8	95.1	61.7	88.5	58.3	80.3	46.5	65.3	33.9	52.8	22.0	38.7	9.8	65.3	34.5
1917	43.7	11.5	48.6	15.9	51.5	18.3	59.7	31.1	65.2	38.4	85.8	50.3	92.4	60.1	85.9	55.8	80.4	52.3	65.2	32.0	60.7	31.3	46.8	13.6	65.5	34.2
1918	35.3	9.3	51.7	18.7	61.5	31.1	57.1	31.2	77.5	44.8	89.6	58.5	87.3	58.9	90.8	59.1	73.5	46.5	69.1	41.8	50.9	22.5	39.1	19.1	65.3	36.8
1919	37.3	14.6	36.0	15.4	50.6	28.7	62.1	35.2	72.5	44.5	81.3	51.5	89.6	61.6	90.4	57.5	83.2	53.1	62.8	33.9	46.8	21.4	41.3	12.7	62.8	35.8
1920	47.2	18.3	47.4	19.8	57.7	21.8	58.1	28.0	71.8	45.8	83.1	53.7	90.6	59.5	84.7	55.1	77.8	46.8	71.2	38.4	49.7	24.1	43.6	17.3	65.2	35.7
1921	43.2	21.5	47.8	21.9	59.4	28.1	63.0	32.6	75.7	45.1	82.4	55.8	90.8	61.4	89.3	59.4	83.9	51.7	76.7	42.9	58.1	26.0	42.8	19.9	67.8	38.9
1922	39.8	11.4	49.2	14.1	54.5	24.2	59.5	35.5	73.0	44.6	87.5	56.0	89.6	58.2	91.0	59.7	84.6	52.0	72.5	39.2	53.5	26.8	44.0	17.0	66.6	36.6
1923	43.9	19.8	44.9	14.1	52.3	18.1	64.9	33.8	71.1	44.0	80.9	55.8	88.4	60.4	85.2	58.2	77.6	49.7	56.6	36.4	55.7	27.4	41.6	17.1	63.6	36.2
1924	41.9	12.8	47.6	22.2	38.8	17.1	65.8	33.1	68.8	39.5	87.8	53.6	88.2	57.3	91.8	58.5	79.4	47.1	69.5	39.6	52.2	25.8	31.8	9.4	63.6	34.7
1925	35.9	11.0	51.6	26.1	62.9	27.5	71.0	36.8	78.0	47.1	89.1	58.1	92.2	61.2	89.7	57.7	80.4	53.9	59.2	33.5	51.4	24.8	46.3	18.8	67.3	38.0
1926	42.9	19.5	56.0	22.7	55.0	24.5	63.2	31.8	76.6	45.5	83.7	53.2	90.3	58.6	94.3	58.2	79.1	49.4	73.4	37.5	55.1	25.5	38.7	15.4	67.4	36.8
1927	42.4	17.4	49.6	20.6	49.9	23.8	67.4	36.5	80.7	45.4	83.1	53.5	89.6	59.2	88.5	58.7	80.8	50.3	75.8	40.0	60.1	26.9	40.6	10.0	67.4	36.9
Average	41.9	15.2	45.3	16.6	53.5	23.9	64.2	33.5	73.3	43.7	84.2	53.4	88.6	58.9	88.4	57.8	80.1	49.4	68.2	36.7	55.4	25.2	42.6	15.8	65.5	35.8
Maximum	52.2	24.3	56.0	26.1	70.6	32.0	71.0	39.8	80.7	48.2	90.5	58.5	95.6	62.2	94.3	59.8	85.1	53.9	76.7	41.8	62.0	31.6	53.6	27.2	69.1	38.0
Minimum	35.5	9.0	28.5	1.3	35.7	17.1	57.1	28.0	65.2	38.4	73.6	48.7	81.2	54.9	78.5	54.2	72.0	44.3	56.6	30.5	46.8	17.6	28.7	7.4	61.4	33.9

TABLE 31.—EXTREME MONTHLY TEMPERATURES—At Plains Sub-Station, Cheyenne Wells, Colorado.

YEAR	January		February		March		April		May		June		July		August		Septemb'r		October		Novemb'r		December	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1894	..	..	..	..	..	..	..	..	..	..	100	45	101	48	96	50	91	36	85	22	76	9	73	-14
1895	56	-3	68	**-15**	79	-9	84	19	96	30	96	38	97	50	97	48	**104**	25	79	17	70	4	62	-2
1896	61	-6	69	7	75	6	85	10	90	34	98	42	95	55	**101**	41	95	35	85	23	79	**-11**	66	12
1897	61	**-12**	63	9	70	7	82	26	92	37	98	43	**103**	48	96	51	96	37	88	21	79	3	64	-10
1898	69	0	70	4	72	-12	84	19	89	31	97	39	97	52	**98**	52	95	32	89	19	76	-12	68	**-17**
1899	61	-17	59	**-26**	76	6	83	15	91	26	102	39	99	52	101	50	**102**	32	93	26	71	4	63	1
1900	63	-6	62	-7	83	14	79	20	87	38	98	49	**100**	51	**100**	45	93	34	86	23	76	12	66	**-16**
1901	64	-17	63	-14	79	3	83	9	84	30	103	38	103	58	**109**	54	90	30	83	26	76	16	72	**-21**
1902	68	**-14**	67	-11	70	1	87	21	92	35	103	39	101	41	**104**	45	91	29	90	32	77	9	65	0
1903	70	3	53	**-10**	72	-2	79	14	84	30	94	36	97	48	**100**	47	96	27	87	24	77	-6	70	1
1904	65	**-11**	77	-4	76	-1	79	19	88	31	94	43	**96**	51	94	41	92	32	81	18	72	12	69	-2
1905	69	-14	82	**-17**	72	18	85	18	83	28	97	44	97	40	**100**	54	91	39	89	13	73	10	59	5
1906	67	**0**	70	2	68	0	83	25	89	34	92	34	93	45	**96**	44	90	38	87	20	75	8	70	6
1907	65	0	74	0	91	10	86	14	92	20	99	38	**100**	51	**100**	49	98	32	89	30	76	**-3**	72	15
1908	61	0	71	**-12**	80	10	85	12	92	30	**100**	40	97	48	97	50	97	24	86	23	76	7	47	-2
1909	54	**-11**	72	-6	63	2	84	21	89	18	96	42	95	53	**97**	46	94	35	91	23	77	8	54	-11
1910	64	-5	..	..	89	14	91	21	88	29	99	40	**101**	43	95	39	94	40	89	16	80	11	65	9
1911	71	**-18**	70	-5	74	4	81	21	95	27	100	50	97	55	**101**	34	97	50	86	13	63	-7	65	-18
1912	61	**-21**	55	-2	60	-6	77	21	95	31	94	36	**99**	48	96	50	93	29	85	21	76	5	60	4
1913	62	**-12**	64	-10	77	-1	85	17	94	32	101	42	**104**	49	101	51	94	28	83	12	76	18	50	4
1914	60	9	69	**-12**	73	8	87	13	89	31	100	41	99	50	**101**	49	96	40	85	23	75	19	52	-4
1915	55	**-11**	72	10	64	-1	82	29	94	28	91	35	**96**	46	89	44	87	37	85	26	80	2	70	-5
1916	66	**-15**	69	-13	80	-4	81	8	96	30	100	44	**101**	56	100	42	97	32	87	18	80	-5	72	**-15**
1917	66	**-8**	73	**-8**	80	-2	80	14	87	23	**101**	35	**101**	54	99	46	96	38	88	1	77	18	70	-6
1918	70	**-23**	74	-11	78	4	75	20	92	27	**101**	43	97	54	**101**	48	94	35	90	25	77	-1	67	-6
1919	50	-11	48	-3	72	16	94	19	88	35	97	32	101	54	**102**	50	94	36	89	14	76	-2	69	**-24**
1920	72	4	63	2	76	-3	78	-2	91	31	96	46	**100**	49	98	41	97	30	89	22	78	7	62	**-7**
1921	60	**5**	71	10	84	15	84	9	90	30	95	47	**102**	54	97	51	96	34	89	29	75	8	61	**5**
1922	64	-4	71	-4	71	**-12**	75	19	85	33	99	38	**102**	50	100	42	96	35	96	17	70	9	60	-10
1923	63	9	62	-3	70	-1	80	19	90	28	97	49	**102**	54	94	49	90	34	75	20	70	10	69	**-12**
1924	59	-5	72	-9	54	-2	85	21	88	25	**102**	39	100	46	101	59	95	33	87	23	71	13	66	**-18**
1925	50	**-3**	64	14	83	2	86	22	101	25	102	47	**105**	53	100	50	95	41	88	12	69	13	61	2
1926	63	3	67	15	74	7	82	12	92	32	98	42	**103**	38	102	52	97	22	90	25	75	10	75	**-10**
1927	75	-4	70	-8	68	-10	87	21	98	31	**111**	41	97	47	97	42	95	29	88	27	85	13	57	**-11**
Extreme ...	75	-23	82	-26	91	-12	94	-2	101	18	111	32	105	38	109	34	104	22	96	1	85	-12	75	-24

NOTE—Extremes are printed in bold-faced type.

TABLE 32.—MONTHLY MEAN, MAXIMUM AND MINIMUM TEMPERATURES—Near Long's Peak, Estes Park, Colorado

DATE	January		February		March		April		May		June		July		August		Septemb'r		October		Novemb'r		December		Year	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1892	....	....	....	....	....	....	....	....	48.6	28.6	65.1	37.9	70.1	42.9	....	....	....	....	....	....	....	....	....	....	....	....
1893	....	....	27.4	9.0	36.3	14.3	40.8	19.9	53.7	27.8	69.5	37.3	74.3	39.9	68.1	40.6	64.8	34.4	49.2	26.5	38.7	18.5	33.7	18.7	....	....
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	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
1895	27.7	11.0	30.0	7.1	35.6	14.3	50.6	23.5	54.9	29.9	62.6	35.2	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
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	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
1897	35.4	12.3	29.7	8.6	33.0	12.3	43.1	21.9	57.9	32.2	62.5	36.7	67.7	41.6	63.5	43.6	66.2	34.8	53.2	26.1	44.7	23.7	33.1	12.0	49.2	25.5
1898	32.3	7.7	38.4	15.3	35.1	12.0	49.3	23.3	49.7	27.2	64.2	36.7	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
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	68.7	40.6	69.9	42.0	67.6	35.4	49.1	25.5	47.2	23.0	37.2	13.8	49.5	25.3
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	69.5	40.0	71.2	41.3	60.7	33.3	53.4	27.5	44.3	22.6	36.4	16.0	51.4	26.5
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	74.3	42.7	69.3	42.3	61.9	32.9	54.6	28.2	46.8	22.7	33.6	13.5	50.3	25.9
1902	34.9	10.8	35.8	18.1	33.3	12.2	46.9	24.3	55.3	30.4	65.1	35.7	67.7	36.9	70.1	39.0	63.5	30.7	52.7	26.1	41.9	16.4	37.8	14.4	50.4	24.6
1903	35.3	13.7	22.4	−0.1	39.4	13.4	43.1	21.1	50.8	25.8	59.2	35.9	70.4	40.5	71.9	38.7	62.1	31.6	53.5	25.5	43.4	19.9	37.4	15.9	49.1	23.5
1904	30.0	8.6	36.7	16.9	40.9	22.1	47.0	21.7	51.4	29.4	60.4	34.8	67.6	35.6	69.2	39.9	66.9	33.7	53.1	25.3	49.1	19.9	35.6	13.6	50.7	25.1
1905	32.6	10.7	31.6	7.2	41.5	17.4	40.9	19.5	51.8	26.6	68.6	37.2	66.8	37.2	71.0	38.8	61.5	33.1	42.4	19.1	42.7	16.3	33.6	5.7	48.8	22.4
1906	36.2	11.6	38.0	8.9	34.3	8.1	44.9	21.2	54.6	29.2	63.8	32.6	65.5	36.2	69.0	35.7	60.6	33.4	51.4	22.6	39.7	14.4	40.3	16.7	49.9	22.6
1907	37.3	14.5	41.2	18.7	43.4	22.1	44.8	20.9	48.7	24.0	62.6	32.4	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
1908	44.1	20.2	39.7	15.7	41.0	19.7	49.1	23.6	52.7	27.5	61.7	33.6	66.5	38.0	65.9	40.8	64.0	34.1	49.0	23.5	41.5	14.6	37.0	12.1	51.0	25.3
1909	36.2	16.8	31.3	10.3	35.5	13.1	39.3	19.0	49.9	28.6	64.9	37.5	74.2	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
1910	36.8	14.4	36.3	9.6	52.3	23.1	48.7	22.7	56.5	28.1	68.2	34.4	73.2	35.9	71.5	36.2	64.5	34.8	59.9	24.4	50.5	12.9	44.1	7.3	55.2	23.7
1911	41.1	10.0	35.8	10.4	45.0	14.9	47.4	19.4	58.3	26.5	68.4	35.8	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
1912	33.4	8.5	28.5	3.0	36.2	5.2	42.5	15.2	53.4	24.7	62.9	47.6	68.5	38.7	69.3	39.2	55.3	28.0	50.9	23.5	47.9	17.0	39.3	11.0	49.0	21.8
1913	34.4	7.4	28.5	5.0	36.1	11.5	49.2	22.7	58.3	31.2	65.2	37.0	68.9	41.0	73.1	41.0	64.7	32.5	47.3	24.2	47.1	22.8	35.6	3.4	50.7	23.3
1914	37.6	16.9	32.9	10.0	42.1	14.9	46.7	24.1	57.3	32.6	70.1	38.6	71.1	41.2	74.5	40.0	68.1	34.1	55.6	27.1	48.8	20.6	31.8	−0.1	53.0	25.0
1915	29.9	8.4	36.2	13.4	35.2	11.4	49.5	27.1	51.6	26.5	61.1	34.2	68.6	39.1	66.9	36.1	61.4	33.0	56.8	27.4	40.7	21.1	36.6	13.5	49.5	24.3
1916	31.5	10.4	39.3	13.6	44.5	21.7	48.5	21.4	54.9	28.0	67.6	33.7	73.0	41.6	68.5	38.3	63.0	32.4	48.0	25.1	37.2	12.9	24.2	5.1	50.0	23.7
1917	28.6	6.0	32.3	10.5	31.1	7.1	41.4	17.5	45.8	23.9	66.4	33.9	70.7	39.0	69.5	37.5	66.5	31.9	55.5	22.7	48.9	21.0	37.6	19.5	49.5	22.5
1918	27.9	5.7	37.9	10.4	47.6	19.7	40.8	17.3	55.9	28.6	72.3	39.3	71.9	41.1	71.3	46.4	61.0	37.9	56.7	33.3	40.2	21.1	32.7	23.4	51.4	27.0
1919	37.2	13.1	31.8	11.7	38.6	14.9	47.7	24.4	59.8	29.4	69.6	34.1	76.0	42.9	74.1	39.6	58.3	36.5	38.7	21.9	28.7	13.8	29.3	13.5	49.2	24.6
1920	29.0	13.7	30.0	10.5	30.7	14.0	32.4	12.2	50.2	26.5	57.5	34.5	64.9	34.1	65.1	34.1	57.5	31.7	42.4	24.1	35.4	16.1	32.9	11.3	44.0	21.9
1921	37.4	10.8	41.4	15.5	47.3	21.1	47.2	19.8	59.3	30.5	65.2	36.5	71.9	40.0	70.6	39.9	67.6	34.3	65.0	31.9	47.8	20.3	44.0	20.2	55.4	26.7
1922	36.0	4.6	39.5	9.4	45.0	12.2	46.0	20.5	56.6	29.0	70.9	36.4	75.1	40.5	74.3	43.0	73.3	34.8	55.7	23.8	43.0	12.5	34.7	18.5	54.2	23.8
1923	36.0	11.5	32.2	5.5	33.7	7.6	44.1	20.4	53.3	28.9	65.7	35.0	77.3	39.6	71.7	40.5	59.4	32.6	43.9	22.3	42.6	14.8	35.2	10.2	49.6	22.4
1924	28.7	10.5	37.0	15.3	27.8	7.2	42.8	20.4	52.4	27.7	67.0	38.2	79.0	39.6	72.4	39.3	58.2	31.3	50.7	28.0	38.2	19.8	29.3	11.8	48.6	24.1
1925	25.6	11.0	32.8	19.5	36.0	19.8	47.4	24.6	57.3	31.0	70.1	37.8	71.3	43.4	61.4	45.8	57.4	41.1	46.6	32.3	34.3	28.4	30.8	24.9	47.6	30.0
1926	27.7	20.3	31.5	18.9	35.2	12.1	48.4	21.9	55.0	32.7	65.2	36.0	67.0	39.7	69.7	40.2	62.4	33.0	54.5	28.9	39.2	21.6	33.4	9.9	49.1	26.3
1927	36.6	13.7	32.9	13.3	35.7	14.5	44.5	23.3	53.7	28.2	63.2	35.0	68.8	38.6	59.6	38.2	60.9	33.1	52.6	24.3	43.2	24.4	28.2	3.7	48.3	24.2
Average	33.8	11.8	33.6	11.2	38.1	14.7	45.0	21.4	54.4	28.9	65.6	36.4	70.4	39.8	69.6	40.0	63.0	33.8	52.0	26.1	42.5	19.1	34.8	12.8	50.2	24.7
Maximum	44.1	20.3	41.5	19.5	52.3	23.1	50.6	27.1	60.8	33.9	72.3	47.6	79.0	43.4	74.5	46.4	73.3	41.1	65.0	36.8	50.5	28.8	44.1	24.9	55.4	30.0
Minimum	25.6	4.6	22.4	−0.1	27.8	5.2	32.4	12.2	45.8	23.9	57.5	32.4	64.9	34.1	59.6	34.1	55.3	28.0	42.4	19.1	28.7	12.5	24.2	−0.1	44.0	21.8

TABLE 33.—EXTREME MONTHLY TEMPERATURES—Near Long's Peak, Estes Park, Colorado

YEAR	January		February		March		April		May		June		July		August		Septemb'r		October		Novemb'r		December	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1892	..	..	..	..	..	..	..	..	..	..	..	..	77	35	..	..	..	..	..	..	..	..	..	..
1893	42	**-10**	42	-9	58	-6	60	-2	70	9	**81**	22	80	31	78	30	75	19	63	14	51	-6	45	-8
1894	47	-14	45	**-21**	51	-10	64	10	72	19	75	29	**80**	35	75	32	70	21	62	15	57	-9	51	-19
1895	45	-12	49	**-23**	59	-6	62	4	69	12	76	22	**79**	32	77	35	76	17	64	12	56	-6	52	-16
1896	50	1	50	-7	56	-8	68	-8	78	19	**85**	29	78	36	78	28	74	15	67	15	62	**-9**	60	1
1897	54	**-14**	48	-10	53	-11	60	1	68	23	74	26	**78**	32	75	22	75	28	67	2	72	-4	48	-9
1898	56	-21	52	0	52	-14	67	0	64	8	79	23	73	34	**81**	33	78	21	65	13	57	-12	51	**-24**
1899	46	-7	43	**-31**	54	-22	60	-1	65	17	79	22	78	37	79	32	**82**	20	69	8	59	6	55	-9
1900	53	-12	41	-9	60	8	63	-9	70	19	**81**	32	78	27	79	33	72	23	64	11	55	13	50	**-27**
1901	48	**-20**	45	-13	48	-6	63	-8	67	24	79	29	**82**	35	80	37	70	19	67	21	59	6	51	-14
1902	51	**-15**	49	-5	45	0	63	5	67	15	77	26	81	27	**83**	33	74	13	65	10	60	-6	52	-2
1903	48	-7	40	**-22**	53	-8	57	-4	62	3	**76**	19	76	31	75	29	75	12	65	4	55	-14	49	-4
1904	45	-11	48	**-13**	52	8	61	1	65	20	70	26	**76**	28	75	24	73	22	67	9	56	-2	52	-6
1905	42	-13	52	**-28**	54	-4	61	4	**79**	13	76	29	76	27	77	32	70	25	55	-5	55	-4	58	-13
1906	53	-12	54	-6	52	**-23**	61	2	69	18	**78**	25	78	27	75	27	73	26	67	3	53	-17	59	-7
1907	51	**-12**	49	1	59	5	60	-9	68	3	71	23	**80**	31	78	29	73	17	73	*31	65	10	62	0
1908	55	6	55	-5	53	-6	63	0	70	11	72	26	**80**	26	76	32	76	7	65	1	60	-8	56	**-13**
1909	52	**-14**	50	-8	53	-12	54	-4	72	12	78	31	**81**	36	79	33	74	20	70	16	64	-4	48	†-11
1910	51	-9	60	**-20**	62	0	69	10	73	14	76	23	**82**	29	78	25	80	29	76	-10	56	1	58	0
1911	48	0	47	2	70	0	61	-2	70	14	**80**	29	74	28	79	25	78	22	64	-9	53	-7	61	**-14**
1912	55	-11	41	**-23**	51	-14	60	1	70	7	74	15	75	31	**78**	32	70	11	64	8	59	-1	48	0
1913	47	**-25**	45	-13	51	-16	62	0	72	13	74	29	**81**	29	79	34	78	11	65	-1	62	-2	55	-12
1914	55	-6	52	-6	52	-20	60	5	70	21	78	30	79	33	**82**	31	**82**	22	63	12	61	2	57	**-25**
1915	50	**-19**	52	-4	46	12	60	13	69	5	75	16	**90**	30	76	30	76	26	69	13	63	2	51	-17
1916	52	-8	59	**-22**	57	1	63	-1	70	1	**79**	22	78	32	76	30	72	17	65	2	58	**-22**	44	-15
1917	42	**-18**	44	-15	52	-16	57	-15	65	-3	79	21	78	30	80	29	77	24	71	-15	60	7	50	-1
1918	52	**-25**	57	-14	65	-4	57	-2	68	16	**81**	26	**81**	34	80	35	73	23	74	8	58	7	53	-19
1919	55	-20	50	-2	52	-13	64	7	78	22	80	17	83	34	**87**	32	78	23	64	3	45	-17	44	**-23**
1920	51	**-16**	55	-9	53	-13	54	-4	68	20	66	28	**73**	25	72	28	68	20	58	5	53	-2	56	-13
1921	52	**-16**	63	-4	67	-5	57	-4	69	12	78	28	78	31	77	31	80	21	**81**	17	59	-7	60	0
1922	60	-16	75	-21	60	**-23**	60	1	70	9	83	21	85	31	79	36	**86**	22	80	0	51	-11	43	4
1923	50	-10	46	-17	52	-23	58	9	69	12	82	30	**83**	24	80	21	71	24	59	-7	53	-4	54	**-29**
1924	44	-10	53	-7	42	-12	57	1	68	16	77	24	**90**	31	85	31	76	18	67	17	59	-2	47	-28
1925	37	**-14**	52	3	49	5	64	10	76	20	**94**	29	85	31	73	40	69	24	76	12	48	14	42	10
1926	38	2	44	10	49	-12	60	9	69	24	**80**	24	79	32	78	34	73	11	66	-1	48	9	52	**-17**
1927	51	-6	45	-15	48	-16	62	8	78	-12	79	12	79	30	69	29	**80**	19	64	6	58	-1	44	**-23**
Extreme ...	60	-25	75	-31	70	-23	69	-15	79	-3	94	12	90	24	87	21	86	7	81	-15	72	-22	62	-29

NOTE—Extremes are printed in bold-faced type.
*18 days. †14 days.

TABLE 34.—MONTHLY MEAN TEMPERATURES—Near Long's Peak, Estes Park, Colorado

Date	Jan.	Feb.	Mar.	April	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	23.2	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	29.2	28.2	27.2	31.6	47.3	54.7	54.7	55.8	48.0	39.7	28.0	30.7	39.6
1897	23.8	19.1	22.6	32.5	45.0	49.6	54.7	53.5	50.5	39.6	34.2	22.6	37.3
1898	20.0	26.8	23.6	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	23.8	35.4	41.9	50.2	54.6	56.0	51.5	37.3	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	23.9	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	39.2	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	28.5	36.2
1907	25.9	29.9	32.7	32.8	36.3	47.5	54.9	53.9	50.2	*48.8	38.4	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	51.2	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
1912	20.9	15.7	20.7	28.9	39.1	47.6	53.5	54.2	41.6	37.2	32.5	25.2	34.8
1913	20.9	16.8	23.8	36.0	44.7	51.1	55.0	57.1	48.6	35.7	35.0	19.5	37.0
1914	27.3	21.4	28.5	35.4	45.0	54.3	56.2	57.2	51.1	41.3	34.7	15.8	39.0
1915	19.1	24.8	23.3	38.3	39.1	47.6	53.8	51.5	46.9	42.1	30.9	25.1	36.9
1916	21.0	26.4	33.1	35.0	41.5	50.7	57.3	53.4	47.7	36.6	25.0	14.6	36.9
1917	17.3	21.4	19.1	29.5	34.9	50.1	54.8	53.5	49.2	39.1	34.9	28.5	36.0
1918	16.8	24.1	33.7	29.0	42.3	55.8	56.5	58.8	49.4	45.0	30.7	29.7	39.3
1919	25.1	21.8	26.8	36.1	44.6	51.9	59.5	56.9	47.4	30.3	21.2	21.4	36.9
1920	21.3	20.2	22.4	22.3	38.4	46.0	49.5	49.6	44.6	33.3	25.8	22.1	33.0
1921	24.1	28.4	34.2	33.5	44.9	50.8	55.9	55.3	50.9	48.5	34.1	32.1	41.1
1922	20.3	24.4	28.6	33.2	42.8	53.6	57.8	58.7	54.0	39.7	27.7	26.6	39.0
1923	23.7	18.8	20.6	32.2	41.1	50.3	58.5	56.1	46.0	33.1	28.7	22.7	36.0
1924	19.6	26.1	17.5	31.6	40.0	52.6	59.3	55.9	44.8	39.4	29.0	20.9	36.4
1925	18.3	26.2	27.9	36.0	44.1	53.9	57.3	53.6	49.2	39.5	31.4	27.9	38.8
1926	24.0	25.2	23.6	35.2	43.9	50.6	53.4	55.0	47.7	41.7	30.4	21.7	37.7
1927	25.2	23.1	25.1	33.9	40.7	49.1	53.7	48.9	47.0	38.5	33.8	16.0	36.2
Average	22.8	22.4	26.4	33.2	41.6	50.8	55.1	54.8	48.1	39.0	30.9	23.9	37.4
Maximum	32.1	29.9	37.7	38.3	47.3	55.8	59.5	58.8	54.0	48.8	38.4	32.8	41.1
Minimum	16.8	11.2	17.5	22.3	34.9	46.0	49.5	48.9	41.6	30.3	21.2	14.6	33.0

*18 days. †14 days.

TABLE 35.—MONTHLY PRECIPITATION—Near Long's Peak, Estes Park, Colorado

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1891	...	...	...	1.80	...	...	...	...	...	...	...	1.00	...
1892	0.55	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	0.18	23.78
1896	0.62	0.55	2.40	1.35	1.16	0.65	3.60	2.95	1.95	1.05	0.38	0.15	16.81
1897	1.55	1.20	1.96	1.35	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	0.40	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
1912	1.60	3.60	4.80	4.10	4.95	1.81	4.39	1.66	2.64	3.02	1.15	0.45	34.17
1913	1.10	1.60	1.00	2.30	0.80	2.30	2.90	0.65	3.80	2.10	1.50	6.90	26.95
1914	2.70	1.80	1.45	5.20	0.90	2.20	6.20	2.57	1.49	0.30	0.30	1.40	26.51
1915	2.30	2.70	5.10	4.78	2.99	1.94	1.61	4.51	2.97	1.27	0.30	1.80	32.27
1916	2.25	0.80	2.70	3.50	2.84	0.12	4.10	2.01	0.80	3.78	1.50	1.00	25.40
1917	1.00	3.70	3.60	2.50	3.29	0.00	4.40	1.65	0.43	0.16	0.11	1.20	22.04
1918	2.20	3.10	1.10	3.10	1.63	2.34	5.37	1.54	2.04	0.87	1.00	2.30	26.59
1919	0.20	1.00	3.30	2.70	0.00	0.11	1.44	3.13	3.12	2.10	2.52	0.70	20.32
1920	0.91	3.45	1.05	7.30	T	0.03	4.43	1.36	0.31	1.12	0.70	3.10	23.76
1921	1.61	1.47	1.82	7.60	0.67	5.30	5.04	2.99	0.49	0.98	1.20	1.80	30.67
1922	0.80	1.90	2.10	3.55	1.88	0.60	2.39	2.07	0.32	1.30	1.15	0.58	18.64
1923	0.30	2.55	4.84	2.06	3.32	4.36	6.08	1.78	3.57	5.47	0.71	1.29	36.33
1924	0.77	1.06	5.28	2.12	6.09	0.43	1.66	0.28	0.85	2.32	0.45	1.51	22.82
1925	0.44	T	0.39	T	1.83	1.86	3.43	3.57	2.78	3.22	0.65	1.22	19.39
1926	0.11	0.49	1.55	2.36	1.37	1.45	4.24	2.19	0.58	0.57	0.46	1.42	16.79
1927	0.38	1.37	1.16	2.65	1.12	2.53	4.85	2.88	1.46	0.77	1.65	1.36	22.18
Average	0.95	1.44	2.25	2.99	2.49	1.53	3.32	2.16	1.52	1.68	0.92	1.11	22.36
Maximum	2.70	3.70	5.40	7.60	8.90	5.30	6.20	6.49	4.42	5.47	3.00	6.90	....
Minimum	0.11	T	0.35	T	T	0.00	0.48	0.17	0.08	0.10	T	0.00	....

TABLE 36.—Monthly Soil Temperatures, Depth Three Inches—At the Colorado Experiment Station, Fort Collins, Colorado

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1889	...	...	...	...	...	...	71.5	69.5	59.2	49.6	32.8	34.1	...
1890	27.7	32.4	38.4	48.4	57.8	68.9	74.0	66.4	56.6	46.0	36.5	31.6	48.7
1891	28.8	25.7	31.8	46.0	56.8	66.0	72.8	67.4	60.3	48.4	37.4	30.0	47.6
1892	25.8	31.0	37.2	45.6	52.1	63.8	69.5	70.1	65.3	49.4	36.2	28.3	47.9
1893	29.6	30.2	37.7	47.9	55.3	69.4	73.1	67.8	59.5	46.5	35.4	31.4	48.6
1894	27.2	25.8	36.5	47.8	57.0	65.9	69.2	68.8	58.9	48.2	39.1	27.9	47.7
1895	24.6	24.7	36.0	50.1	56.8	63.0	68.2	68.4	61.6	47.1	35.2	26.8	46.9
1896	28.2	32.5	37.4	48.9	61.6	69.2	74.0	72.4	59.5	47.0	31.6	26.8	49.1
1897	26.2	29.0	31.6	45.8	59.0	64.3	68.5	68.8	65.6	50.8	38.8	30.4	48.2
1898	27.6	30.4	34.4	49.2	52.2	67.6	75.2	73.0	62.6	49.4	35.8	26.8	48.8
1899	27.0	25.5	32.4	45.9	56.3	65.5	68.8	67.6	61.6	47.6	38.5	30.9	47.4
1900	29.8	29.6	38.0	44.2	58.6	69.0	71.0	68.8	60.2	49.6	39.6	33.5	49.4
1901	29.0	28.6	36.4	42.2	57.1	65.1	72.0	69.2	60.6	51.2	42.3	34.0	49.0
1902	30.8	30.3	36.7	45.6	57.2	66.2	67.0	69.1	58.7	48.9	38.8	31.2	48.4
1903	29.2	27.7	31.8	44.6	53.8	62.0	68.4	67.0	57.4	47.2	35.8	31.5	46.4
1904	28.8	32.2	39.2	47.3	55.6	60.9	65.2	64.6	57.5	48.0	36.2	33.4	47.4
1905	29.6	28.6	39.1	43.4	52.0	64.2	64.9	65.0	58.5	45.8	36.8	27.4	46.2
1906	28.3	29.2	32.7	46.5	55.6	63.6	66.4	65.2	57.0	45.4	37.0	31.0	46.6
1907	28.6	31.7	40.0	45.0	48.6	62.1	65.6	63.4	57.0	47.3	34.1	29.3	46.0
1908	27.6	28.6	37.8	48.1	53.6	63.0	66.6	65.8	58.8	45.2	34.6	30.2	46.6
1909	27.6	28.2	34.0	42.2	50.4	63.6	70.3	67.8	58.5	46.6	37.4	28.4	46.2
1910	25.6	26.5	39.7	49.2	54.3	70.2	76.3	71.1	64.8	50.5	39.3	30.4	49.8
1911	29.0	32.1	40.7	49.9	60.3	71.4	72.2	70.9	66.3	47.7	33.8	27.3	50.1
1912	25.8	29.6	31.2	44.8	56.0	64.2	69.2	70.8	55.0	46.2	35.9	28.6	46.4
1913	25.3	27.1	33.8	46.2	58.8	67.9	71.8	74.4	59.8	46.0	39.0	28.5	48.2
1914	29.6	28.6	36.6	45.7	57.4	68.8	71.8	70.0	64.3	51.8	38.1	24.9	49.0
1915	25.2	30.9	34.0	49.9	54.4	63.8	69.4	66.6	60.4	48.3	38.4	30.6	47.6
1916	27.3	30.9	41.6	48.2	58.0	69.0	78.2	72.6	62.4	47.2	34.9	27.7	49.8
1917	23.7	29.8	32.9	45.1	51.8	67.0	72.8	69.9	64.0	49.8	39.0	30.4	48.0
1918	26.8	30.2	42.8	44.3	58.8	69.0	72.2	70.1	57.4	50.2	35.5	29.7	48.9
1919	27.2	28.7	36.6	48.8	60.7	69.9	77.8	72.4	67.4	44.5	34.4	29.8	49.8
1920	29.9	31.5	35.8	39.8	56.4	67.3	74.6	70.6	62.4	49.6	34.2	29.2	48.4
1921	29.6	31.0	42.4	46.1	58.8	69.6	74.2	71.2	63.1	52.2	38.8	32.0	50.8
1922	24.3	27.2	36.8	46.2	58.3	70.4	73.6	74.8	66.8	50.8	35.8	29.9	49.6
1923	30.6	28.9	32.0	45.4	56.2	65.2	73.4	69.7	61.6	46.7	35.9	30.0	48.0
1924	26.6	31.9	32.2	45.1	54.6	68.7	73.2	74.4	60.9	50.0	37.6	27.0	48.5
1925	24.8	34.1	42.0	55.4	62.7	70.4	76.4	69.0	65.6	45.0	35.3	33.2	51.2
1926	30.2	32.8	39.4	47.8	59.8	69.3	72.4	72.2	61.8	52.0	37.4	30.8	50.5
1927	28.7	31.4	36.6	47.4	62.2	67.4	73.2	67.6	61.8	48.4	38.8	24.5	49.0
Average	27.7	29.6	36.5	46.6	56.5	66.7	71.4	69.3	61.1	48.3	36.7	29.7	48.3

TABLE 37.—Monthly Soil Temperatures, Depth Six Inches—At the Colorado Experiment Station, Fort Collins, Colorado

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1889	...	...	...	...	...	...	71.8	70.3	62.1	52.2	34.5	35.4	...
1890	29.0	33.4	39.2	49.0	58.0	67.8	73.5	67.4	58.2	47.8	38.3	32.9	49.6
1891	30.1	28.6	32.1	46.2	56.8	65.9	73.4	68.0	61.5	50.8	39.5	31.7	48.7
1892	27.4	34.6	37.9	46.2	52.6	63.6	69.6	71.2	66.8	51.6	38.2	30.0	49.2
1893	30.6	31.4	38.4	49.2	56.0	69.5	74.0	69.0	61.4	49.1	37.5	33.2	50.0
1894	29.0	27.7	36.5	48.8	57.5	66.4	69.6	69.8	61.1	50.8	41.7	30.4	49.1
1895	26.7	26.1	36.8	50.9	57.4	63.6	68.8	69.6	63.5	49.4	37.7	29.0	48.2
1896	29.8	34.0	38.4	50.0	62.0	69.3	74.2	72.9	61.8	49.9	35.0	30.6	50.6
1897	28.0	29.9	31.0	46.2	59.4	65.0	69.0	69.8	66.6	52.2	40.0	31.4	49.0
1898	28.6	30.8	35.0	49.2	52.6	67.5	75.2	73.5	64.4	52.0	38.1	28.8	49.6
1899	28.2	26.7	32.5	46.2	56.3	65.6	69.8	68.4	63.6	50.0	40.5	32.6	48.4
1900	31.2	30.5	38.6	44.8	58.0	68.4	71.1	69.4	61.8	51.4	42.0	35.6	50.2
1901	30.8	30.1	37.2	42.4	57.0	64.9	72.0	69.8	62.1	53.0	44.3	35.8	50.0
1902	32.2	31.0	37.6	44.2	57.2	66.2	67.4	69.8	60.2	50.4	40.6	33.2	49.2
1903	30.8	29.0	32.2	45.2	54.0	62.0	68.4	68.3	59.8	50.8	38.7	32.9	47.6
1904	29.8	33.0	40.5	48.0	55.8	59.8	67.8	65.4	58.8	50.1	38.8	33.2	48.2
1905	30.8	29.2	38.7	43.6	51.8	64.4	65.4	65.4	60.2	48.4	39.2	30.0	47.2
1906	29.4	30.4	33.0	47.1	55.4	63.6	66.5	66.6	60.0	48.8	39.5	32.8	47.7
1907	30.5	32.0	41.0	46.5	49.4	61.8	65.9	64.4	59.2	49.8	37.6	31.6	47.4
1908	29.5	30.0	38.8	49.2	54.0	62.8	67.2	66.8	60.9	47.8	37.4	31.4	48.0
1909	29.0	29.1	34.4	43.2	50.8	63.7	70.8	68.7	60.2	49.0	39.3	29.4	47.3
1910	26.5	27.6	39.8	49.9	54.5	71.0	76.3	72.6	66.8	53.4	41.8	32.8	51.1
1911	29.7	33.1	41.1	50.9	60.5	71.6	72.6	72.0	68.0	50.8	35.8	27.2	51.2
1912	26.5	30.0	31.4	45.2	56.2	64.4	70.0	72.0	53.8	48.4	37.8	30.5	47.2
1913	28.1	28.8	33.6	46.3	58.8	68.0	72.6	75.2	62.1	47.8	40.0	29.6	49.2
1914	30.3	29.5	36.6	46.4	58.0	69.6	72.8	71.4	65.8	54.0	39.8	26.8	50.0
1915	26.2	31.0	34.3	50.4	55.0	64.5	70.2	67.8	62.2	50.8	39.8	31.5	48.6
1916	28.2	30.8	42.2	49.2	57.8	69.0	78.2	73.8	64.4	49.2	36.4	30.8	50.8
1917	...	27.8	32.6	45.6	48.4	66.4	73.2	71.1	65.5	52.3	41.0	32.4	...
1918	32.0	32.5	42.9	45.7	59.0	68.8	73.1	71.8	59.4	52.7	38.2	31.6	50.6
1919	...	...	...	...	...	...	...	...	...	...	...	...	...
1920	...	...	...	...	57.4	68.3	75.8	71.5	65.0	52.8	36.7	31.2	...
1921	31.2	32.2	44.0	47.9	60.0	70.7	75.6	73.2	65.6	55.2	41.6	34.0	52.6
1922	26.6	28.8	38.0	47.8	59.5	71.4	75.2	77.0	69.9	54.5	38.5	32.2	51.6
1923	32.0	30.6	33.2	46.9	56.5	66.3	74.6	71.8	64.5	49.6	38.4	32.3	49.8
1924	28.8	33.0	33.4	46.6	55.6	69.2	74.6	76.4	64.4	53.3	41.1	30.4	50.6
1925	27.0	35.5	44.5	55.9	63.2	71.0	77.6	70.2	66.8	47.3	36.8	34.1	52.5
1926	30.6	32.5	39.8	47.9	60.0	69.1	73.0	73.0	63.1	53.6	38.6	31.8	51.1
1927	29.7	31.4	36.9	47.8	62.4	67.5	73.6	68.4	63.0	50.2	40.6	26.4	49.8
Average	29.3	30.6	37.1	47.4	56.6	67.0	71.9	70.4	62.8	50.8	39.0	30.2	49.5

TABLE 38.—Monthly Soil Temperatures, Depth One Foot—At the Colorado Experiment Station, Fort Collins, Colorado

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1889	...	...	...	...	...	...	69.5	68.8	62.2	53.3	37.0	36.3	...
1890	30.5	33.4	38.5	47.9	56.2	65.4	70.9	67.0	59.6	49.8	42.4	35.0	49.7
1891	31.9	30.3	31.6	...	...	...	...	...	...	...	...	...	...
1892	...	...	...	...	53.5	61.5	67.4	69.6	65.9	53.8	40.7	32.4	...
1893	31.8	32.4	38.0	48.8	55.2	66.4	72.3	68.8	62.4	51.3	40.8	35.6	50.3
1894	31.3	33.2	35.8	47.9	56.3	65.0	68.8	69.2	62.2	52.4	44.0	33.5	50.0
1895	29.2	27.7	36.8	49.6	56.8	62.8	67.4	69.0	64.2	51.4	40.3	31.8	49.0
1896	31.1	34.8	39.0	49.3	60.0	67.2	72.4	72.2	63.0	52.2	38.6	32.8	51.0
1897	28.6	30.6	32.0	45.1	58.6	64.9	69.0	70.4	67.2	54.4	42.2	33.5	49.7
1898	30.4	31.4	35.6	48.4	52.4	66.6	74.6	73.2	65.2	53.8	40.2	30.6	50.2
1899	29.4	28.2	32.4	44.8	55.5	64.4	69.6	68.4	64.3	51.8	42.2	34.2	48.8
1900	32.3	31.4	38.7	44.6	56.6	66.9	70.4	69.2	63.0	53.2	44.0	37.4	50.6
1901	32.4	31.4	37.9	42.2	56.4	64.0	71.2	69.7	63.0	54.2	45.8	37.5	50.5
1902	33.4	31.7	38.0	45.8	56.6	65.1	67.0	69.5	61.3	51.4	42.2	34.6	49.7
1903	31.7	30.0	32.3	44.6	52.9	61.0	68.2	68.4	60.9	52.2	39.8	34.2	48.0
1904	31.0	33.6	40.8	47.6	55.4	60.6	64.9	65.5	59.6	51.5	40.5	34.9	48.8
1905	31.9	30.3	38.7	43.5	51.6	62.6	65.6	65.3	60.9	50.1	40.2	31.4	47.6
1906	29.9	30.6	33.3	46.4	54.6	66.0	65.6	66.6	60.7	50.1	41.0	34.0	48.2
1907	31.5	32.2	40.8	46.6	49.0	60.6	65.5	64.6	60.0	51.0	39.6	33.0	47.9
1908	30.6	30.6	38.6	48.6	53.3	61.5	66.4	66.4	61.6	49.4	38.7	33.0	48.2
1909	30.1	30.0	34.3	42.8	50.4	61.7	69.3	68.4	61.0	51.2	41.6	32.2	47.8
1910	28.4	29.0	38.7	48.9	54.0	70.0	75.3	72.4	67.2	54.8	43.3	34.6	51.4
1911	30.6	33.4	40.4	50.4	59.5	70.5	72.0	70.0	68.0	53.0	37.9	29.2	51.2
1912	27.2	30.5	31.4	44.4	54.4	63.7	69.4	71.6	59.8	49.8	39.0	32.1	47.8
1913	29.4	29.8	32.2	44.6	57.0	66.4	72.0	74.3	64.0	49.4	40.9	32.0	49.3
1914	31.0	30.2	35.4	45.8	56.8	68.3	72.0	71.5	65.7	55.2	41.2	29.4	50.2
1915	27.2	30.8	33.8	49.0	54.8	63.2	69.2	67.8	62.6	51.6	41.7	33.1	48.8
1916	29.8	30.4	41.0	48.9	57.2	67.4	76.9	73.0	64.7	50.7	38.1	31.4	50.8
1917	26.2	30.0	32.2	44.9	51.0	64.8	72.6	70.7	65.8	53.4	41.6	33.2	48.8
1918	29.6	30.4	42.1	45.6	58.0	67.4	72.2	71.6	60.4	53.6	39.4	32.4	50.2
1919	30.4	30.2	34.8	48.6	59.5	68.3	76.1	73.4	64.9	48.8	37.5	32.4	50.4
1920	31.6	32.2	36.0	40.2	53.7	65.6	73.0	71.6	65.1	53.6	38.1	32.0	49.4
1921	31.2	32.0	42.9	47.2	58.4	68.6	74.0	72.4	66.0	56.0	43.1	35.4	52.2
1922	27.9	28.7	36.6	46.5	57.5	68.8	73.2	75.4	69.2	55.8	39.6	33.0	51.0
1923	32.2	30.7	32.8	45.2	55.2	64.6	73.0	70.9	64.6	50.8	39.0	33.2	49.3
1924	29.3	31.9	32.6	44.6	54.3	66.2	72.8	74.6	64.8	54.0	42.6	32.0	50.0
1925	27.4	34.6	41.8	55.2	62.1	69.6	76.7	70.4	68.1	50.2	38.8	35.6	52.6
1926	32.3	32.1	39.6	46.7	58.8	68.4	72.7	72.8	64.8	55.3	40.4	33.4	51.4
1927	30.9	31.4	36.2	47.3	61.4	66.8	73.4	68.6	64.9	52.1	43.2	29.6	50.5
Average	32.8	31.1	36.6	45.5	55.8	65.5	70.9	70.1	63.7	52.3	40.7	33.2	49.8

TABLE 39.—Monthly Soil Temperatures, Depth Two Feet—The Colorado Experiment Station, Fort Collins, Colorado

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1889	...	...	...	...	...	...	66.1	66.4	62.0	54.6	40.6	38.3	...
1890	33.4	34.6	38.7	46.5	53.4	61.2	67.4	65.9	60.8	52.6	44.2	37.6	49.7
1891	34.2	32.6	33.6	43.1	53.4	60.2	67.1	66.4	62.3	53.8	45.0	37.2	49.1
1892	32.5	33.0	38.0	43.7	49.8	58.2	64.4	66.8	64.1	55.3	43.1	35.4	48.7
1893	33.7	33.8	37.6	47.2	52.8	62.1	69.4	67.1	62.4	53.4	43.9	37.9	50.1
1894	33.8	32.2	35.2	45.8	53.8	62.0	66.3	67.4	62.6	54.2	46.4	37.4	49.8
1895	32.4	30.4	36.2	47.0	54.6	59.6	64.3	67.0	63.8	53.5	43.3	35.3	48.9
1896	33.0	35.6	39.0	47.3	56.8	64.2	59.2	70.0	63.3	54.2	42.2	35.6	50.8
1897	33.5	32.6	33.0	42.5	55.1	62.1	66.0	69.8	67.3	57.6	46.2	37.9	50.3
1898	34.1	33.3	36.6	46.0	50.8	62.5	70.9	71.0	65.8	56.4	44.2	34.9	50.6
1899	32.2	31.5	32.8	42.4	52.8	61.0	67.6	67.0	64.4	54.8	45.6	38.4	49.2
1900	35.4	34.1	38.9	43.8	53.4	63.2	68.2	67.9	64.1	55.3	47.6	40.8	51.0
1901	35.7	34.2	38.7	41.6	54.0	61.2	68.6	68.4	63.8	56.3	49.6	41.8	51.2
1902	37.4	34.7	39.7	45.5	54.9	62.4	...	...	...	...	...	38.1	...
1903	34.8	33.0	33.8	43.9	52.0	58.3	65.9	67.5	62.3	53.6	43.4	38.0	48.9
1904	34.6	35.4	41.4	47.0	53.9	59.0	63.6	65.4	60.6	54.0	44.3	38.5	49.8
1905	35.0	33.4	39.2	43.6	50.2	60.2	65.0	64.8	61.8	53.0	43.4	35.8	48.8
1906	32.7	32.9	34.8	45.2	52.8	60.0	63.4	65.5	61.4	52.8	43.8	37.1	48.6
1907	34.4	33.7	41.0	46.8	46.4	60.6	63.6	63.8	60.4	52.6	43.1	35.8	48.6
1908	32.9	32.2	38.6	47.2	51.8	58.8	63.8	65.0	62.0	51.9	41.2	35.6	48.4
1909	32.2	31.6	34.9	41.8	48.8	58.3	66.2	67.1	61.4	53.2	44.4	35.8	48.0
1910	31.0	30.9	37.4	47.3	52.4	66.1	71.8	70.8	66.6	56.6	45.8	38.0	51.2
1911	32.7	34.9	39.4	48.5	56.6	66.8	69.6	69.8	67.2	55.8	41.6	33.4	51.4
1912	29.7	31.2	32.4	42.3	51.8	61.2	66.8	68.9	61.1	50.9	41.6	34.7	47.7
1913	31.9	31.0	31.9	41.9	53.7	63.2	69.8	71.4	64.8	51.7	43.0	35.5	49.2
1914	32.5	31.9	34.4	46.5	54.5	65.4	70.0	70.8	65.3	56.8	44.5	33.6	50.6
1915	29.8	31.4	34.0	47.0	53.6	60.8	67.5	66.7	62.7	53.4	44.8	36.4	49.0
1916	33.0	31.7	40.1	47.8	55.2	64.6	74.0	71.6	64.5	52.4	40.4	34.0	50.8
1917	29.1	29.7	32.4	43.9	49.8	61.7	70.0	69.4	65.0	55.0	43.6	36.0	48.8
1918	32.8	31.4	41.2	45.6	55.8	64.9	70.6	70.7	61.0	54.8	42.2	34.8	50.6
1919	31.7	31.5	34.4	47.2	56.8	65.2	73.3	72.4	65.3	51.5	40.0	34.6	50.3
1920	32.8	33.5	36.4	40.2	51.9	63.0	70.5	70.2	65.0	55.4	41.0	34.8	49.6
1921	32.8	33.4	42.4	46.8	56.6	66.7	72.5	71.8	66.4	57.4	45.9	38.5	52.6
1922	31.1	29.8	36.6	46.0	55.7	66.0	71.4	74.1	69.4	57.8	42.9	35.6	51.4
1923	34.2	32.5	34.0	44.4	54.0	63.1	71.4	70.3	64.7	53.1	41.4	35.5	49.9
1924	31.7	32.6	33.8	43.6	53.4	63.6	71.2	73.4	65.8	55.5	45.4	35.8	50.4
1925	29.8	35.2	41.6	53.7	60.2	67.4	75.2	71.2	67.8	53.3	41.4	37.7	52.9
1926	34.4	33.4	39.1	44.8	54.4	65.2	70.1	71.0	65.8	57.2	43.9	36.8	51.4
1927	32.4	32.6	36.2	45.6	58.1	64.2	71.0	67.8	65.8	54.0	46.2	34.0	50.6
Average	32.9	32.7	36.8	45.3	53.3	62.5	68.5	68.8	64.0	54.4	43.7	36.5	50.0

TABLE 40.—Monthly Soil Temperatures, Depth Three Feet—The Colorado Experiment Station, Fort Collins, Colorado

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1889	...	...	...	...	...	...	63.2	64.2	61.4	55.2	43.4	39.9	...
1890	35.8	35.8	38.6	45.4	51.3	58.0	64.5	64.8	61.2	54.1	46.6	39.9	49.6
1891	36.4	34.6	34.9	41.9	51.2	57.2	63.8	64.6	62.0	55.0	47.6	40.0	49.1
1892	35.1	34.6	38.4	42.8	48.3	55.2	61.6	64.2	62.6	56.4	45.5	38.3	48.6
1893	35.7	35.3	37.8	45.6	50.6	58.7	66.2	65.6	62.3	54.8	45.8	40.2	49.8
1894	36.1	34.2	35.8	44.4	53.0	60.2	64.8	66.3	64.2	56.1	49.5	41.6	50.5
1895	36.5	32.4	37.3	45.9	53.2	57.8	62.2	65.5	63.7	55.7	46.8	39.4	49.8
1896	36.2	37.8	40.0	46.7	54.5	61.6	66.6	68.2	63.8	56.2	46.4	39.4	51.4
1897	37.1	35.8	35.7	42.1	53.0	61.1	66.7	69.5	66.0	60.2	49.8	42.4	51.6
1898	38.0	36.2	38.8	45.3	50.3	59.8	68.2	69.5	66.0	58.6	47.8	39.2	51.4
1899	35.6	34.4	34.8	41.8	51.4	59.2	66.0	66.2	64.7	57.0	48.8	42.2	50.2
1900	38.6	37.0	40.1	44.2	51.9	61.1	66.6	67.2	64.9	57.3	50.6	44.2	52.0
1901	39.2	37.1	40.1	42.4	52.6	59.4	66.4	67.6	64.5	58.0	51.6	44.8	52.0
1902	40.2	37.2	40.7	45.1	53.2	60.5	64.0	67.2	64.0	...	...	40.4	...
1903	36.8	34.9	34.9	42.8	50.4	56.5	63.4	66.1	...	...	...	...	...
1904	...	36.5	41.4	46.1	52.3	57.2	61.9	64.4	...	...	...	...	...
1905	...	...	...	44.2	49.1	58.0	63.6	63.9	61.8	54.8	45.8	38.8	...
1906	35.0	34.6	35.9	44.0	51.2	57.8	61.7	64.1	61.6	54.6	46.3	39.6	48.8
1907	36.6	36.0	41.1	46.5	47.6	56.0	62.3	63.2	61.2	54.6	46.4	38.4	49.1
1908	34.3	34.7	39.4	46.9	51.4	57.3	62.4	64.2	62.2	54.4	44.8	39.0	49.2
1909	35.3	34.4	36.6	42.1	48.3	56.4	64.2	66.3	62.2	55.3	47.2	39.5	49.0
1910	34.4	33.6	38.0	47.0	51.9	63.2	69.3	69.8	66.6	58.9	48.6	41.6	51.9
1911	34.2	36.9	39.8	47.6	54.9	64.0	67.8	68.6	66.6	58.0	45.2	37.3	51.8
1912	32.6	33.3	34.3	41.7	49.9	59.2	64.6	67.4	62.3	53.3	40.4	35.0	47.8
1913	32.2	31.1	31.8	38.3	49.6	59.4	66.8	68.6	64.0	52.0	43.0	36.0	47.8
1914	32.8	32.0	33.5	41.4	50.2	60.7	65.8	67.8	63.2	56.5	45.1	34.6	48.6
1915	...	...	32.4	42.4	50.2	56.9	63.9	63.9	60.8	52.8	44.8	36.2	...
1916	32.4	31.0	36.4	43.9	51.2	60.0	68.8	68.2	62.8	52.4	40.6	33.8	48.4
1917	...	...	...	39.4	45.8	56.5	65.2	66.0	62.6	54.5	43.3	36.2	...
1918	33.5	...	37.3	42.6	51.1	60.0	66.4	67.4	59.9	53.9	42.8	34.8	...
1919	32.4	...	34.6	42.2	51.5	59.8	68.0	69.0	63.9	51.6	40.2	34.6	...
1920	32.3	...	33.8	37.4	46.5	57.7	...	...	...	...	...	...	...
1925	...	...	...	...	...	...	...	69.0	66.9	56.0	44.5	40.3	...
1926	37.0	35.5	39.3	43.8	53.6	62.0	67.2	68.8	65.5	58.2	47.2	40.5	51.6
1927	35.2	34.8	37.2	44.7	55.3	61.8	67.8	66.2	63.5	55.0	48.4	38.2	50.6
Average	35.4	32.6	37.1	43.6	51.1	59.1	65.2	66.6	63.4	55.5	46.0	38.9	50.0

TABLE 41.—Soil Temperatures, Depth Six Feet—The Colorado Experiment Station, Fort Collins, Colorado

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1889	...	...	...	...	...	...	57.2	59.4	59.4	56.4	50.2	45.5	...
1890	42.5	40.6	41.0	44.8	48.8	53.3	58.8	61.6	61.8	57.4	52.0	46.2	50.8
1891	42.4	40.2	39.2	41.8	48.1	53.0	58.7	60.4	60.8	57.6	53.0	46.8	50.2
1892	42.2	40.0	40.6	43.2	47.0	51.4	56.3	59.3	59.8	57.7	51.5	44.2	49.4
1893	41.9	40.5	40.8	44.6	48.4	53.6	59.6	61.6	62.0	57.6	51.8	46.4	50.8
1894	42.6	40.0	39.3	43.4	50.0	55.5	59.8	62.0	62.7	56.2	54.8	48.3	51.2
1895	43.3	40.3	39.9	44.0	49.6	53.3	57.2	60.3	60.7	57.6	51.9	46.3	50.4
1896	42.2	41.4	42.0	45.2	50.2	55.2	59.6	62.0	61.4	57.6	52.0	46.4	51.2
1897	43.8	42.5	41.3	42.6	48.6	56.9	62.2	65.7	66.2	62.4	53.6	51.6	53.1
1898	45.5	44.2	43.8	44.8	48.6	53.8	60.2	63.6	64.6	...	...	...	...
1901	...	...	...	...	...	...	...	...	...	59.0	53.8	48.1	...
1902	43.5	40.2	41.4	44.2	50.2	56.4	60.6	64.0	63.1	57.3	51.8	45.2	51.5
1903	41.1	38.8	37.7	41.8	47.9	53.1	59.2	61.8	61.8	57.2	50.8	44.6	49.6
1904	40.8	39.0	...	...	...	...	...	...	...	...	...	...	...
1905	...	...	...	48.2	47.0	52.8	59.0	60.0	59.6	56.7	50.9	45.9	...
1906	41.8	40.2	40.0	42.8	47.8	52.7	56.6	59.3	59.6	56.5	51.2	46.2	49.6
1907	42.9	41.1	42.4	45.8	47.0	51.4	57.0	59.4	59.6	56.1	51.4	45.7	50.0
1908	42.1	40.2	41.2	45.2	49.2	53.0	56.8	59.4	59.4	56.6	50.6	45.6	50.0
1909	42.0	40.2	40.1	42.4	46.1	51.6	57.6	61.1	60.4	56.9	51.8	46.6	49.8
1910	41.6	37.8	40.2	45.2	49.2	54.8	60.8	63.8	63.2	60.2	54.2	48.7	51.6
1911	43.6	42.0	42.0	45.6	49.9	56.0	60.8	62.8	62.8	59.8	52.4	46.1	52.0
1912	41.2	39.5	39.2	41.2	45.9	52.8	57.2	60.8	60.8	57.1	...	...	...
1925	...	...	...	...	...	...	...	...	66.8	60.4	51.2	46.2	...
1926	42.7	40.8	42.0	44.9	52.0	59.1	64.0	66.2	65.3	60.4	52.9	46.8	53.1
1927	41.8	40.2	40.9	45.6	52.6	59.0	64.2	64.8	64.4	58.3	53.0	45.4	52.6
Average	42.5	40.5	40.8	44.2	48.8	54.2	59.2	61.8	62.0	58.0	52.1	46.5	50.9

TABLE 42.—MONTHLY PRECIPITATION—At Trinidad, Las Animas County, Colorado. Elevation, 5,994 Feet

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1899	0.54	0.23	1.07	T	0.13	0.82	3.44	0.44	0.98	2.47	1.86	0.91	12.89
1900	T	0.91	0.10	4.18	2.20	2.46	1.10	2.13	0.72	1.56	0.12	0.40	15.88
1901	0.11	0.75	1.51	2.13	3.77	0.55	2.37	2.63	1.25	0.60	0.26	0.55	16.48
1902	0.60	0.88	0.57	0.17	3.73	0.52	0.84	2.30	0.62	0.52	0.48	0.31	11.54
1903	T	1.51	0.14	1.80	0.13	5.48	1.17	2.08	0.13	1.04	0.09	0.53	14.10
1904	0.83	0.28	0.67	1.77	0.75	2.66	1.55	2.61	6.78	0.03	0.05	0.84	18.82
1905	0.74	0.14	2.23	4.82	1.46	0.38	2.56	3.01	0.68	0.67	1.08	0.10	17.87
1906	0.46	0.55	0.97	1.49	1.70	1.30	4.58	0.83	1.77	1.72	1.10	0.30	16.77
1907	0.05	0.50	0.00	2.23	4.25	0.40	2.50*	2.00*	0.12	0.58	0.60*	0.65*	13.88
1908	0.50	1.70*	0.20	1.03	0.40	...	...	...	...	...	...	...	...
1909	...	...	...	...	...	...	...	...	...	0.22	1.21	0.34	...
1910	0.18	1.12	0.05	3.84	0.43	0.08	2.55	0.42	0.05	1.41	0.10	0.06	10.29
1911	0.28	1.06	0.25	0.03	0.18	1.01	2.47	2.69	0.59	3.26	1.31	1.25	14.38
1912	0.20	2.36	1.09	1.32	1.75	2.95	2.19	1.98	1.20	0.42	0.63	0.52	16.61
1913	0.51	1.17	0.66	1.43	1.19	3.45	1.36	2.58	2.39	1.09	0.53	4.15	20.51
1914	0.58	0.50	1.16	3.90	2.31	1.88	4.48	2.26	0.38	2.64	T	0.39	20.48
1915	0.89	1.48	1.33	5.10	3.13	1.39	2.73	5.53	0.66	0.69	0.17	1.15	24.25
1916	0.30	T	1.16	3.08	0.26	1.51	0.79	2.96	0.08	1.22	0.63	0.69	12.68
1917	0.38	0.66	0.52	2.79	2.67	0.65	1.44	2.23	0.64	0.76	0.50	0.20	13.44
1918	1.75	1.07	3.04	1.00	0.18	0.83	2.62	1.81	3.43	1.54	1.04	1.53	19.84
1919	0.12	1.55	2.45	3.79	1.19	1.17	2.32	1.58	1.10	1.37	1.53	0.29	18.46
1920	0.42	0.71	0.73	2.18	1.28	1.87	1.78	3.17	0.76	4.25	0.27	0.88	18.30
1921	0.29	0.91	1.04	2.05	2.21	2.65	3.43	3.07	0.28	0.50	0.05	0.72	17.20
1922	0.11	0.64	1.75	2.31	2.04	1.63	4.89	1.74	1.21	0.08	1.40	0.35	18.15
1923	0.00	0.86	1.72	1.33	0.40	3.90	2.57	7.03	3.45	...	0.49	1.11	...
1924	0.14	0.16	1.20	1.47	0.95	0.10	0.77	0.99	0.70	0.48	0.12	1.88	8.96
1925	0.80	0.85	0.00	0.31	1.70	0.44	4.45	2.85	2.45	0.49	1.36	1.22	16.92
1926	1.08	1.62	3.32	1.63	3.03	1.40	1.93	0.41	0.07	0.60	0.20	0.34	15.63
1927	0.10	0.10	1.52	0.98	0.05	2.18	4.64	...	1.79	0.15	0.36	0.41	...
Average	0.43	0.87	1.09	2.08	1.55	1.62	2.50	2.36	1.27	1.12	0.63	0.79	16.31

NOTE: (*) Estimated from near-by stations.

TABLE 43.—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.	Yr.
1870	1.80	1.70	0.70	2.80	0.34	0.52	0.51	0.12	2.85	0.68	0.54	0.73	13.29
1871	0.46	0.23	1.81	1.01	2.56	0.05	0.51	0.27	1.18	0.40	3.10	0.77	12.35
1872	0.55	0.22	1.71	2.09	3.74	2.07	2.69	1.75	1.57	0.68	0.69	0.29	18.05
1873	0.13	0.24	0.22	2.43	0.75	2.24	2.00	1.41	0.89	0.73	0.16	0.61	11.81
1874	0.84	0.53	0.49	1.70	2.43	1.21	3.35	0.68	1.34	0.64	0.08	0.17	13.46
1875	0.38	0.60	0.39	2.24	1.94	0.43	4.32	1.97	2.89	0.22	1.28	0.59	17.25
1876	0.21	0.11	1.80	1.22	8.57	1.10	1.16	2.03	0.60	0.12	1.50	1.70	20.12
1877	1.90	0.40	1.40	2.77	2.30	1.93	0.23	1.30	0.38	2.15	0.73	0.79	16.28
1878	0.10	0.48	1.82	0.05	2.90	2.78	1.38	2.25	1.23	0.80	0.67	1.05	15.51
1879	0.40	0.39	1.00	2.62	3.36	0.32	0.64	1.38	0.02	0.19	0.21	0.33	10.86
1880	0.38	0.32	0.21	0.31	1.11	1.22	1.38	1.46	0.89	1.37	0.83	0.10	9.58
1881	0.49	1.22	0.87	0.50	2.21	0.09	2.50	2.33	0.57	0.32	1.68	0.00	12.78
1882	0.57	0.20	0.20	1.47	2.98	4.96	0.66	1.20	0.06	0.75	0.71	0.73	14.49
1883	2.35	0.45	0.21	3.10	4.30	0.85	2.27	0.75	1.08	1.49	0.32	2.32	19.49
1884	0.22	0.86	0.93	3.33	4.61	1.47	0.65	1.71	0.13	0.21	0.19	0.76	15.07
1885	0.41	0.75	0.97	4.94	2.13	0.66	1.33	1.18	1.22	0.73	0.55	1.08	15.95
1886	0.62	0.72	2.36	2.79	0.09	2.26	0.50	1.62	0.98	0.33	1.93	0.87	15.07
1887	0.67	0.30	0.23	2.16	1.13	0.53	2.49	2.68	0.97	0.97	0.22	0.14	12.49
1888	0.11	0.37	1.15	1.71	2.66	0.29	0.41	1.51	0.11	0.77	0.33	0.09	9.51
1889	0.50	0.70	0.40	1.34	3.44	1.88	2.94	0.33	0.28	2.11	0.53	0.30	14.75
1890	0.18	0.46	0.35	2.50	2.01	T	0.79	1.89	0.17	0.64	0.30	0.04	9.33
1891	1.60	0.27	3.10	2.49	4.15	2.93	0.59	2.84	0.73	0.48	0.69	1.56	21.43
1892	0.40	0.75	1.20	1.75	2.14	1.33	1.19	0.58	T	3.92	0.44	1.32	15.02
1893	0.05	0.83	0.23	0.87	3.09	0.13	1.14	0.35	0.05	0.84	0.55	0.35	8.48
1894	0.18	0.90	0.70	3.30	3.00	0.39	2.11	1.86	1.55	0.19	0.22	0.69	15.09
1895	0.32	0.48	1.19	1.19	2.86	2.65	4.28	0.76	0.98	1.13	0.27	0.01	16.12
1896	0.25	0.24	1.43	0.93	1.27	0.89	2.80	0.97	1.81	0.84	0.10	0.31	11.84
1897	0.58	0.82	0.90	1.31	3.15	2.16	2.06	1.44	0.44	1.64	0.24	0.63	15.37
1898	0.20	0.68	0.28	1.20	4.88	0.94	0.67	0.96	0.28	1.05	0.85	0.99	12.98
1899	0.65	0.58	1.10	0.75	0.15	0.47	1.92	1.78	0.20	1.01	T	0.72	9.33
1900	0.13	0.55	0.63	8.24	0.53	1.87	1.30	0.05	0.87	0.33	0.37	0.42	15.29
1901	0.05	0.06	0.88	1.96	1.18	2.09	0.01	1.30	0.22	0.46	T	0.89	9.10
1902	0.17	0.38	0.63	0.60	1.98	1.89	1.24	0.76	3.70	0.80	0.61	0.59	13.35
1903	0.12	0.42	0.87	0.81	0.75	1.62	1.36	1.35	0.56	1.34	0.07	0.23	9.50
1904	0.04	0.17	0.94	0.74	3.27	3.54	2.13	0.60	1.77	0.40	0.04	0.41	14.05
1905	0.99	0.35	3.07	4.95	2.65	0.61	1.55	0.67	0.49	2.31	0.04	T	17.68
1906	0.17	0.06	1.88	3.67	1.45	1.51	1.21	0.88	2.72	1.98	1.30	0.01	16.84
1907	0.46	0.33	0.54	2.91	2.93	1.15	1.52	0.23	0.74	0.17	0.40	0.45	11.83
1908	0.53	0.04	0.11	0.39	2.82	1.68	2.09	3.19	0.80	1.90	1.74	0.63	15.92
1909	0.21	1.35	3.03	2.59	1.74	1.70	4.17	2.13	3.78	0.28	1.10	0.88	22.96
1910	0.16	0.35	0.96	1.38	2.50	0.20	3.47	1.79	1.00	0.21	0.16	0.71	12.89
1911	0.12	0.68	0.28	1.41	0.52	0.56	1.31	1.08	0.75	0.33	0.37	0.34	7.75

TABLE 43.—MONTHLY PRECIPITATION—(Continued)—At Denver, Colorado. U. S. Weather Bureau. Elevation, 5,272 Ft.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1912	0.12	1.34	0.87	0.89	4.18	2.27	2.90	1.07	2.01	1.69	1.14	0.45	18.93
1913	0.36	0.96	0.59	1.66	1.68	1.10	1.76	0.85	2.64	1.17	0.38	5.21	18.36
1914	0.03	0.39	2.02	3.75	3.55	1.67	1.49	2.43	0.21	3.05	0.30	0.72	19.61
1915	0.38	1.19	0.91	3.66	2.99	1.70	1.28	1.92	1.69	1.25	0.24	0.63	17.83
1916	0.53	0.03	0.52	1.93	1.49	0.08	1.44	1.74	0.80	1.92	0.66	1.09	12.23
1917	0.20	0.46	0.95	0.75	3.80	0.41	0.31	0.05	0.60	1.41	0.03	0.27	9.24
1918	0.59	1.02	1.04	2.71	1.73	0.86	2.93	1.31	2.89	0.42	0.88	1.40	17.78
1919	0.12	0.51	0.66	2.18	0.22	0.28	5.24	1.00	1.04	0.65	1.29	0.44	13.63
1920	0.64	0.48	0.62	2.56	1.68	0.65	0.45	1.27	0.06	0.87	0.08	0.45	9.81
1921	0.77	0.27	0.48	2.31	0.60	3.26	1.27	3.49	0.02	0.66	0.57	0.85	14.55
1922	0.30	0.40	0.48	3.65	1.14	0.19	1.87	1.50	0.54	0.30	1.95	0.63	12.95
1923	0.13	1.09	2.17	0.60	1.83	3.55	2.74	3.87	0.75	3.50	0.24	0.95	21.42
1924	0.52	0.27	1.29	1.60	2.62	0.46	0.33	0.02	1.44	0.96	0.14	1.42	11.07
1925	0.13	0.04	0.42	0.40	0.43	1.48	0.74	1.68	0.99	1.87	0.67	0.93	9.78
1926	0.77	0.40	1.98	2.31	1.41	0.86	1.00	0.80	1.48	0.69	0.31	1.04	13.05
1927	0.18	0.32	2.29	1.53	1.40	2.76	2.36	2.75	1.06	0.19	0.81	0.23	15.88
Average	0.46	0.53	1.04	2.05	2.30	1.36	1.71	1.40	1.05	1.01	0.62	0.73	14.25

TABLE 44.—Monthly Precipitation—At Yuma, Yuma County, Colorado Elevation, 4,128 Feet

Date	January	February	March	April	May	June	July	August	September	October	November	December	Year
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	3.03	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
1912	0.05	0.86	1.10	0.86	1.84	3.83	4.86	4.51	1.37	1.44	0.03	0.05	20.80
1913	0.15	0.12	0.35	0.39	1.30	1.45	1.30	1.05	2.44	0.46	T	2.40	11.41
1914	0.00	0.02	0.07	2.38	2.67	3.52	3.51	1.37	T	1.78	T	0.42	15.74
1915	0.18	0.65	1.66	5.12	5.44	4.17	3.57	6.33	1.11	0.50	0.10	0.46	29.29
1916	0.25	T	T	0.87	1.70	3.54	1.19	4.08	0.18	0.76	0.71	0.12	14.01
1917	0.37	0.27	...	1.09	6.32	1.77	0.56	2.06	1.53	0.39	0.12	0.40	....
1918	0.27	0.77	0.55	2.38	1.05	1.19	3.80	2.80	2.01	1.71	0.78	1.62	18.93
1919	0.04	0.90	0.28	1.68	0.83	3.82	0.51	0.70	1.71	1.00	1.48	0.62	13.57
1920	0.33	0.25	0.66	4.07	1.49	4.59	1.71	4.15	0.97	1.34	0.17	0.80	20.53
1921	0.85	0.08	1.39	2.79	0.65	2.75	0.77	3.91	0.47	1.30	0.05	0.82	15.83
1922	0.35	0.32	0.10	3.65	4.67	2.12	4.08	2.18	0.00	0.16	T	...	....
1923	0.05	0.19	1.60	2.57	8.03	3.91	5.33	1.03	0.17	...	0.30	1.15	....
1924	0.31	0.73	1.99	0.55	1.42	0.40	4.54	0.46	...	...	0.08	1.43	....
1925	0.08	0.03	0.46	1.61	1.51	1.88	1.03	2.64	0.64	1.48	0.66	1.00	13.02
1926	0.53	0.58	0.64	0.25	3.58	1.34	3.78	2.01	0.83	0.85	0.81	0.62	15.82
1927	0.22	0.73	1.76	2.47	0.35	4.34	2.53	4.31	0.34	0.21	0.48	0.21	17.95
Average ..	0.35	0.56	1.09	2.11	2.48	2.82	2.74	2.41	0.96	0.98	0.41	0.63	17.54

TABLE 45.—Monthly Precipitation—At Garnett, Costilla County, Colorado Elevation, 7,700 Feet

Date	January	February	March	April	May	June	July	August	September	October	November	December	Year
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	0.66	3.21	1.98	T	1.10	1.10	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	0.03	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	0.20	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
1912	0.13	0.13	0.29	0.05	0.02	1.63	0.65	1.25	0.04	0.39	T	0.18	4.76
1913	0.54	0.06	T	0.95	0.08	2.23	1.34	0.56	1.14	0.29	0.53	0.71	8.43
1914	0.16	0.03	0.10	0.81	0.95	1.59	1.98	1.78	1.30	T	0.00	0.20	8.90
1915	0.13	0.30	0.45	2.61	0.79	T	1.54	0.25	0.90	0.05	0.35	0.54	7.91
1916	0.12	T	0.15	1.12	0.30	0.00	0.95	0.92	0.41	1.78	T	0.05	5.80
1917	0.34	0.15	0.05	0.16	1.18	0.14	1.93	1.05	0.64	T	T	0.00	5.64
1918	0.34	1.04	0.00	0.25	0.00	1.06	2.10	0.46	1.57	0.67	0.35	0.60	8.44
1919	T	0.15	1.35	0.69	1.09	0.28	2.37	0.59	0.11	0.16	0.58	0.16	7.53
1920	0.13	0.07	T	0.71	0.63	0.61	0.70	1.77	0.28	1.57	T	0.25	6.72
1921	T	0.00	0.28	1.49	0.46	2.18	1.13	2.05	0.18	0.22	0.05	0.05	8.09
1922	0.44	0.48	1.20	0.91	0.18	0.55	0.55	0.07	0.12	0.00	0.56	T	5.06
1923	0.00	0.13	0.39	0.05	0.41	0.74	0.34	3.04	1.53	0.90	T	0.13	7.66
1924	0.12	0.40	0.84	0.62	0.26	0.30	0.74	0.26	T	0.63	0.50	0.22	4.89
1925	0.00	0.43	0.58	0.74	0.82	0.20	0.49	2.86	0.10	0.30	0.32	0.12	6.96
1926	0.24	0.13	1.03	1.15	0.70	0.18	0.99	0.67	0.67	0.35	0.03	0.04	6.18
1927	0.00	0.43	0.56	0.00	0.11	2.55	1.60	1.48	1.87	0.20	0.05	0.00	8.85
Average	0.14	0.24	0.34	0.56	0.64	0.69	1.19	1.26	0.75	0.56	0.25	0.22	6.84

TABLE 46.—MONTHLY PRECIPITATION—At Durango, La Plata County, Colorado. Elevation, 6,530 Feet

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1886	...	...	...	...	...	...	...	...	4.20	2.29	1.44	...	...
1887	0.46	...	...	...	...	...	...	...	...	...	...	...	...
1889	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
1890	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	0.89	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	0.55	2.22	T	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	2.19	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	2.73	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	3.99	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
1912	0.21	0.47	4.51	1.58	0.08	0.89	2.29	2.57	0.04	2.70	0.40	0.44	16.18
1913	0.78	2.75	2.45	0.77	0.74	1.69	2.47	1.07	2.40	1.59	3.36	2.67	22.74
1914	4.74	1.46	0.63	0.77	1.62	1.72	3.03	1.80	0.39	5.55	T	1.92	23.63
1915	1.80	3.91	0.26	3.84	1.64	0.62	3.03	1.02	2.32	T	1.47	1.84	21.75
1916	6.94	1.00	2.94	1.80	0.14	T	3.30	4.80	1.98	6.99	0.20	1.40	31.49
1917	2.12	1.20	0.63	2.58	1.96	0.14	2.62	1.19	0.70	0.12	0.06	T	13.32
1918	1.81	1.59	3.56	0.99	T	0.39	1.88	1.81	2.52	1.33	2.40	2.28	20.56
1919	0.17	2.71	2.70	2.56	0.99	0.66	3.24	2.03	3.24	2.42	3.43	1.66	25.81
1920	2.86	3.55	1.56	2.34	2.44	1.75	0.75	0.31	1.21	3.49	1.64	0.82	22.72
1921	1.49	1.01	1.32	1.55	1.81	2.08	2.55	4.65	0.39	1.33	1.02	7.37	26.57
1922	1.84	2.28	4.49	0.70	1.02	0.93	1.96	2.09	0.06	0.18	4.08	1.78	21.41
1923	1.40	0.82	1.32	1.72	1.41	T	1.32	2.31	2.38	1.50	2.41	3.48	20.07
1924	0.52	0.39	2.19	1.31	0.09	0.40	1.38	1.45	0.81	0.89	0.57	2.75	13.25
1925	0.11	0.80	2.92	0.54	0.39	1.96	2.23	2.97	3.99	4.07	0.90	0.76	21.64
1926	0.98	0.58	1.31	5.54	3.02	0.36	3.06	1.28	1.95	0.53	0.54	2.47	21.62
1927	0.56	3.77	2.50	1.10	0.62	5.53	0.77	0.85	7.36	1.21	1.28	1.66	27.21
Average	1.65	1.77	1.92	1.56	1.08	0.93	1.99	2.07	1.98	1.95	1.34	1.93	20.17

TABLE 47.—MONTHLY PRECIPITATION—At Grand Junction, Colorado. Elevation, 4,608 Feet

Date	Jan.	Feb.	Mar.	April	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	2.39	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	0.02	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	10.23
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
1912	0.44	0.10	2.36	0.36	0.38	1.37	0.78	1.35	0.03	1.24	0.46	0.17	9.04
1913	0.62	1.22	0.37	0.23	0.12	0.37	0.31	0.22	1.70	0.22	1.15	0.75	7.28
1914	1.13	0.49	0.46	0.92	0.62	1.10	0.86	1.74	0.30	1.89	0.02	0.26	9.79
1915	0.77	0.53	0.10	1.41	1.23	0.92	0.16	0.51	0.95	0.01	0.71	1.15	8.45
1916	1.18	0.45	0.71	0.20	1.05	T	0.76	2.16	0.50	2.12	0.34	0.27	9.74
1917	0.73	0.10	0.32	1.59	1.45	0.01	0.28	0.38	1.00	T	0.02	0.12	6.00
1918	1.18	0.33	1.18	0.43	0.05	0.33	0.78	1.28	0.97	0.87	0.75	0.85	9.00
1919	0.05	0.36	0.87	0.61	0.54	0.06	0.46	0.63	1.17	0.76	1.89	0.75	8.15
1920	0.66	0.83	1.39	1.09	0.80	0.39	0.17	0.64	0.98	1.29	0.67	0.38	9.29
1921	0.21	0.32	0.28	1.16	1.12	0.63	1.38	3.65	0.04	0.66	0.42	0.74	10.61
1922	0.58	0.62	0.65	0.45	0.40	0.09	0.40	2.00	0.38	0.25	0.38	0.71	6.91
1923	0.70	0.19	1.80	0.84	0.62	0.02	0.62	1.86	0.71	0.66	0.85	0.98	9.85
1924	0.35	0.09	0.94	0.87	1.69	0.01	0.57	1.12	0.97	1.21	0.40	1.54	9.76
1925	0.48	0.52	0.74	0.47	0.36	0.32	0.97	2.20	0.52	2.50	0.23	0.64	9.95
1926	0.41	0.54	0.65	1.11	0.93	0.06	0.99	1.06	0.67	0.74	0.26	1.78	9.20
1927	0.84	1.30	1.70	0.20	0.54	1.81	0.58	1.45	3.29	0.60	0.52	0.91	13.74
Average	0.57	0.57	0.80	0.78	0.78	0.40	0.63	1.16	0.91	0.96	0.58	0.59	8.73

TABLE 48.—Monthly Precipitation—At Meeker, Rio Blanco County, Colorado Elevation, 6,182 Feet

Date	January	February	March	April	May	June	July	August	September	October	November	December	Year
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	1.64	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	13.34
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	0.81	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
1912	0.52	0.60	1.79	1.15	1.00	2.01	3.59	1.75	0.94	1.76	0.84	0.67	16.62
1913	0.78	0.67	0.11	0.79	0.46	0.85	1.10	0.66	1.71	1.73	1.80	0.78	11.44
1914	1.22	1.01	0.86	2.21	2.20	1.71	1.67	1.49	1.67	2.56	0.06	0.32	16.98
1915	0.65	0.84	0.40	1.82	0.62	1.18	0.12	0.61	2.63	0.25	2.28	1.27	12.67
1916	2.78	0.44	0.68	1.06	2.73	T	2.19	3.71	0.80	4.42	0.37	1.44	20.62
1917	1.78	0.63	0.75	2.41	3.03	0.12	1.02	1.21	1.27	0.28	0.45	0.10	13.05
1918	3.23	0.84	1.01	1.40	0.56	0.62	2.54	1.83	2.29	1.49	1.29	1.80	18.90
1919	T	0.70	0.95	1.16	0.81	T	1.42	0.94	1.44	1.52	2.25	1.25	12.44
1920	0.24	0.58	1.85	2.74	1.41	0.62	0.79	1.20	1.32	1.92	2.32	0.64	15.63
1921	0.41	0.92	1.32	1.98	1.46	1.81	0.95	3.52	0.74	0.79	1.48	0.95	16.33
1922	0.82	0.73	2.08	1.25	0.63	0.14	1.44	1.37	1.18	0.68	1.85	0.38	12.55
1923	1.42	0.34	1.96	1.87	1.36	0.09	1.96	2.10	1.45	0.79	0.05	1.18	14.57
1924	0.45	0.16	2.06	0.62	1.88	0.12	0.97	...	1.93	2.37	1.60	0.98	....
1925	0.35	0.88	1.63	0.30	0.88	1.77	2.93	6.47	2.69	1.44	0.55	0.97	20.86
1926	1.07	1.01	1.29	1.33	3.33	0.34	2.46	0.25	0.38	0.66	0.66	1.84	14.62
1927	1.37	1.06	1.47	1.92	0.70	2.99	...	...	...	...	0.54	...	....
Average	1.05	0.96	1.43	1.51	1.40	0.94	1.55	1.69	1.67	1.44	1.09	1.09	15.82

TABLE 49.—MONTHLY PRECIPITATION—Delta, Delta County, Colorado. Elevation, 4,980 Feet

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1888	0.25*	0.20*	0.74*	0.50*	1.20*	0.04*	0.70*	1.30*	T	1.79	2.15	0.67	9.84*
1889	0.41	0.48	0.20	0.40	0.03	0.00	0.75	0.61	1.30	0.57	0.95	3.15	8.85
1890	0.80	0.85	0.83	0.98	0.45	0.10*	0.90*	1.59	0.48	1.42	0.15	0.76	9.31*
1891	0.46	1.24	2.00	0.31	1.39	0.25	1.42	0.39	2.00*	0.00	0.15	0.76	10.37*
1892	1.20	0.45	2.05	1.10*	0.27	0.05	0.92	0.15	0.00	0.10	0.50	0.15	6.94*
1893	0.40	1.70	0.40	0.35	0.00	0.00	2.00	1.04	0.90	0.00	T	0.38	7.17
1894	0.12	0.90	0.64	0.00	0.10	0.12	0.58	1.56	0.59	0.87	0.00	0.80	6.28
1895	1.15	0.04	0.23	0.20	0.03	0.66	1.16	0.97	0.65	0.43	1.55	0.00	7.07
1896	0.65	0.60	0.02	0.00	0.18	0.00	1.50	0.79	2.13	0.45*	0.20*	0.35	6.87*
1897	0.49	2.19	1.50	0.05	0.65	0.76	0.90	0.46	2.47	1.75	0.40	0.25	11.87
1898	0.28	0.10	0.21	0.58	0.83	0.40	0.95	0.51	0.55	0.05	0.18	0.08	4.72
1899	0.60	0.16	0.91	0.60	0.15	1.54	0.85	1.78	0.40	1.15	0.07	0.23	8.44
1900	0.26	0.20	0.02	1.09	0.67	0.09	T	0.64	1.27	0.38	0.57	T	5.19
1901	0.57	0.13	0.56	0.39	0.97	0.27	0.05	1.21	0.01	0.56	0.15	0.18	5.05
1902	0.30	0.20	0.06	0.20	1.29	0.26	1.17	1.39	0.37	0.25	0.38	0.94	6.81
1903	0.12	0.13*	1.30*	0.90*	0.45*	0.10*	0.75*	0.15*	1.60*	0.15*	T	0.70*	6.35*
1904	0.75*	0.40*	0.90*	T	0.11	0.20	0.08	0.25	0.33	0.20	0.00	0.20*	3.42*
1905	1.30*	1.20*	1.54*	0.80*	1.19	0.34	0.20	0.75	1.17	0.12	0.61	0.10	9.32*
1906	0.30	0.13	0.95	2.48	3.21	0.00	0.34	0.60	1.60	0.85*	0.55*	0.36*	11.37*
1907	0.75	0.53	0.13	0.78	1.03	0.56	1.29	1.60	1.35	0.96	0.39	0.56	9.93
1908	0.24	0.56	0.16	0.35	1.12	0.27	0.95	1.49	0.52	1.90	0.57	1.18	9.31
1909	1.52	0.33	T	1.10	0.10	0.30	1.25	1.52	1.08	0.42	1.01	1.71	10.34
1910	0.65	0.02	T	0.26	0.17	0.04	0.18	0.37	0.38	1.30	0.78	1.60	5.75
1911	1.18	0.61	1.14	0.35	T	0.68	1.53	0.55	2.48	2.01	0.30	0.05	10.88
1912	0.18	0.10	3.39	0.78	0.52	0.26	1.09	0.56	0.15	1.47	0.48	0.09	9.07
1913	0.71	0.57	0.04	0.03	0.30	0.26	1.88	0.49	0.86	T	0.97	0.36	6.47
1914	0.11	0.51	0.16	1.01	2.51	1.00	1.33	1.97	0.67	1.31	0.03	0.38	10.99
1915	0.43	0.42	T	1.24	1.34	0.58	0.30	T	0.84	T	0.53	1.16	6.84
1916	0.71	0.38	...	0.57	0.91	0.00	0.57	1.29	0.51	2.84	0.35	0.34	...
1917	0.72	0.45	0.13	2.08	3.50	T	0.88	0.33	1.23	0.02	0.10	0.05	9.49
1918	1.98	0.68	0.46	0.67	T	0.52	0.79	0.26	0.50	1.01	0.51	0.88	8.26
1919	0.00	0.54	0.97	0.30	1.73	T	0.24	1.42	0.82	0.62	3.30	0.11	10.05
1920	0.26	0.40	0.56	0.45	1.77	0.31	0.06	0.81	0.89	1.23	0.32	0.73	7.79
1921	0.57	0.23	0.15	0.92	0.73	1.91	2.01	1.82	0.15	0.47	1.02	0.77	10.75
1922	0.75	0.67	1.18	0.87	0.22	0.04	0.04	0.82	0.17	0.09	1.07	0.84	6.76
1923	0.09	0.19	0.74	0.47	1.79	0.38	0.37	2.44	1.35	0.91	0.30	0.37	9.40
1924	0.37	0.06	0.57	0.30	1.21	T	0.57	0.55	0.73	1.10	0.18	1.46	7.10
1925	0.35	0.31	0.52	0.18	0.23	0.35	0.34	2.59	1.20	0.87	0.31	0.20	7.45
1926	0.36	0.32	1.38	0.35	1.18	0.49	0.66	0.36	0.56	1.51	0.06	0.46	7.69
1927	0.93	0.86	1.18	0.31	0.43	2.18	0.44	1.67	1.81	0.64	0.22	0.29	10.96
Average	0.59	0.50	0.70	0.61	0.85	0.38	0.80	0.98	0.90	0.79	0.53	0.59	8.22

Note: (*) Estimated from nearby stations.

TABLE 50.—MONTHLY PRECIPITATION—At Colorado Springs, El Paso County, Colorado. Elevation 6,098 Feet

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1886	0.60	0.25	0.39	4.82	0.12	3.06	2.91	1.39	0.33	0.28	0.19	0.15	14.49
1887	0.06	0.22	0.19	1.54	2.24	1.88	**4.75**	**4.42**	**0.80**	**0.35**	**0.40**	**0.08**	**16.93**
1888	0.10	0.45	0.28	1.51	2.42	0.01	1.91	1.18	0.13	0.84	0.22	0.07	9.12
1889	0.16	0.60	0.12	1.17	2.34	1.77	2.88	1.49	0.86	2.08	0.16	0.14	13.77
1890	0.41	0.13	0.39	3.90	1.43	0.44	1.64	4.99	0.17	0.40	0.28	0.25	14.43
1892	0.30	0.11	1.32	0.38	2.01	1.62	2.96	0.68	0.08	1.54	0.70	0.60	12.30
1893	0.01	0.08	0.03	0.54	1.34	0.40	2.51	3.06	0.21	0.24	0.14	0.03	8.59
1894	0.03	0.65	0.36	0.25	7.34	3.95	2.95	1.38	0.87	0.10	0.22	0.42	18.52
1895	0.10	0.71	0.40	0.60	2.70	4.56	3.79	1.89	0.15	1.66	0.32	0.18	17.06
1896	0.13	0.13	2.21	0.72	0.81	1.37	3.10	2.43	2.58	0.36	0.08	0.07	13.99
1897	0.10	1.02	0.48	0.54	1.27	0.80	3.34	2.55	0.74	0.54	0.19	0.06	11.63
1898	0.18	0.21	0.28	1.54	**3.32**	3.61	2.98	0.56	0.27	0.24	0.18	0.43	13.80
1899	0.23	0.15	0.92	0.02	0.67	1.73	2.57	0.79	0.08	1.09	0.01	0.55	8.81
1900	0.05	0.11	0.17	6.78	**2.08**	1.08	1.20	0.74	0.61	0.53	0.31	0.08	13.74
1901	0.06	0.16	1.29	2.64	3.49	2.39	1.92	2.24	2.20	0.49	0.01	0.18	17.07
1902	0.14	0.25	0.77	0.82	5.23	1.56	1.66	2.69	1.60	0.51	0.02	0.32	15.57
1903	0.11	0.70	0.37	0.93	0.62	5.10	0.43	2.57	0.35	1.15	0.25	0.05	12.63
1904	0.28	0.02	0.55	0.08	4.07	3.49	3.10	2.39	2.07	0.27	T	0.28	16.60
1905	0.15	0.87	2.41	4.46	1.97	0.82	2.39	0.98	0.48	0.46	0.23	T	15.22
1906	0.47	0.07	3.03	2.06	2.42	1.08	2.38	2.03	1.94	1.02	0.35	0.10	16.95
1907	0.27	0.11	0.16	1.57	1.65	0.36	2.11	1.79	0.68	0.69	0.29	0.11	9.79
1908	0.39	0.39	0.27	0.27	3.52	0.48	3.30	1.65	0.61	1.48	0.86	0.25	**15.47**
1909	0.44	0.72	1.50	1.27	1.65	1.86	1.94	3.82	4.63	0.57	2.30	0.34	21.04
1910	0.15	0.54	0.15	1.66	1.44	1.77	3.88	1.52	0.99	0.12	0.29	0.25	12.76
1911	T	1.81	0.42	2.56	0.65	0.76	2.17	1.09	0.33	0.86	0.28	0.80	11.70
1912	0.02	0.47	0.77	1.56	2.49	2.96	2.66	1.00	0.60	0.62	0.02	0.06	13.23
1913	0.43	1.25	0.44	0.85	1.31	1.84	2.14	4.37	0.97	0.33	0.05	2.54	16.52
1914	0.08	0.02	0.28	5.78	2.40	5.12	5.06	1.78	0.08	1.09	0.14	0.82	22.64
1915	0.72	1.16	0.97	2.46	0.90	1.95	3.33	2.56	2.03	0.26	0.37	0.21	16.91
1916	0.27	T	0.23	2.90	0.74	0.28	1.92	1.59	0.10	0.31	0.22	0.06	8.62
1917	0.20	0.70	0.96	0.60	5.24	0.82	1.47	1.20	1.22	0.11	0.02	T	12.54
1918	0.46	0.38	0.11	1.05	1.29	1.69	3.48	...	...	...	0.93	0.27	...
1919	T	0.33	1.01	1.16	0.56	0.38	3.36	1.38	...	0.38	0.16	0.09	...
1920	0.54	0.52	0.10	0.37	2.70	1.96	1.96	2.21	0.57	1.59	0.28	0.21	13.01
1921	0.95	0.00	0.53	5.97	2.23	4.55	5.35	3.15	0.95	0.04	0.43	0.40	24.55
1922	0.08	0.35	T	1.80	1.51	0.73	2.04	2.43	0.13	0.14	0.60	0.01	9.82
1923	0.00	0.27	0.28	0.53	1.25	2.49	3.47	5.33	2.19	3.45	0.04	0.29	19.59
1924	0.08	0.02	1.09	1.04	2.55	1.33	0.30	1.66	0.11	0.43	0.00	0.50	9.11
1925	T	0.11	...	0.40	2.26	1.07	3.89	2.39	0.80	1.00	0.10	0.50	...
1926	0.78	0.23	0.98	1.49	1.20	0.73	3.02	2.19	1.93	0.73	0.21	0.67	14.16
1927	0.11	0.42	1.41	0.68	0.09	3.30	4.12	3.93	1.30	0.20	0.27	0.07	15.90
Average	0.24	0.41	0.67	1.74	2.09	1.88	2.74	2.19	0.94	0.71	0.30	0.30	14.21

TABLE 51.—MONTHLY PRECIPITATION—At Le Roy, Logan County, Colorado
Elevation, 4,380 Feet

Date	January	February	March	April	May	June	July	August	September	October	November	December	Year
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	1.82	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	....
1912	0.26	1.16	0.65	2.62	2.58	3.32	1.84	1.60	2.31	2.52	0.42	0.16	19.44
1913	0.21	0.96	0.77	2.01	2.54	0.52	2.96	1.62	1.08	1.17	T	3.54	17.38
1914	0.03	0.35	0.09	3.45	0.79	3.17	2.85	3.54	0.04	1.71	0.02	0.58	16.62
1915	0.85	0.63	2.09	4.66	4.98	4.45	1.07	5.13	1.63	0.62	0.24	0.76	27.11
1916	0.40	0.06	0.05	1.54	2.03	1.45	1.54	2.67	0.55	1.91	0.38	0.69	13.27
1917	0.36	0.20	1.30	1.21	5.95	0.94	1.83	2.35	0.86	0.49	0.33	0.72	16.54
1918	0.57	0.73	0.51	2.74	1.20	2.63	5.32	5.28	2.48	1.57	0.43	1.48	24.94
1919	0.06	0.92	0.52	2.43	1.32	3.45	1.56	1.17	1.50	0.70	1.38	0.76	15.77
1920	0.09	0.19	0.60	6.25	1.64	4.44	0.90	2.38	0.44	1.03	0.05	0.57	18.58
1921	1.13	0.25	1.64	2.38	2.37	1.17	1.71	1.16	0.71	1.85	0.10	0.81	15.28
1922	0.67	0.33	0.30	4.90	2.37	1.24	3.63	1.10	0.39	0.02	1.87	0.18	17.00
1923	0.05	0.35	1.96	2.05	6.34	3.93	4.42	2.39	0.87	2.89	0.43	0.82	26.50
1924	0.13	0.65	1.78	1.55	3.17	1.12	0.98	0.02	3.56	1.14	0.06	1.46	15.62
1925	0.21	T	0.32	1.10	1.58	3.34	3.97	1.62	0.63	1.58	0.64	1.41	16.40
1926	0.37	0.11	0.66	0.47	4.15	2.71	3.64	1.81	1.31	0.96	1.11	0.34	17.64
1927	0.03	0.44	2.53	3.58	1.23	3.70	2.91	3.79	0.96	1.00	0.38	0.31	20.86
Average	0.34	0.57	0.97	2.52	2.88	2.43	2.29	2.23	1.18	1.09	0.46	0.65	17.61

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