

QC984  
C6C49a  
no. 77-2  
ARCHIVE

# MONTHLY AND WATER YEAR CLIMATOLOGY

## FOR SELECTED STATIONS IN NORTHWESTERN COLORADO

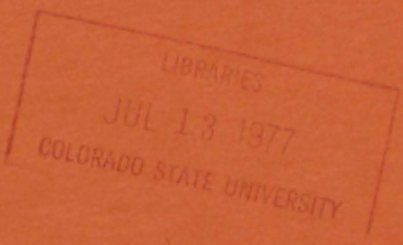
By

John F. Benci

Thomas B. McKee



Climatology Report No. 77 - 2



DEPARTMENT OF ATMOSPHERIC SCIENCE  
COLORADO STATE UNIVERSITY  
FORT COLLINS, COLORADO

MONTHLY AND WATER YEAR CLIMATOLOGY  
FOR SELECTED STATIONS IN NORTHWESTERN COLORADO

By

John F. Benci  
Thomas B. McKee

Prepared for

Bureau of Land Management  
U.S. Dept. of the Interior

COLORADO CLIMATOLOGY OFFICE  
Dept. of Atmospheric Science  
Colorado State University  
Fort Collins, Colorado 80521

June, 1977

## ACKNOWLEDGEMENTS

The authors would like to express their appreciation to Mr. Steve Knox for his programming assistance and to Mrs. Dorothy Chapman for typing this report.

## TABLE OF CONTENTS

	<u>Page</u>
ACKNOWLEDGMENTS.....	ii
TABLE OF CONTENTS.....	iii
LIST OF TABLES.....	iv
LIST OF FIGURES.....	xiv
LIST OF SYMBOLS.....	xvi
I. INTRODUCTION.....	1
II. STATISTICAL ANALYSIS.....	3
III. REFERENCES.....	5
IV. PRECIPITATION CLIMATOLOGY.....	7
V. TIME SERIES PLOTS AND REGRESSION ANALYSIS.....	131
VI. MAXIMUM TEMPERATURE CLIMATOLOGY.....	159
VII. MINIMUM TEMPERATURE CLIMATOLOGY.....	178
VIII. AVERAGE TEMPERATURE CLIMATOLOGY.....	197
IX. SNOWFALL.....	216

## LIST OF TABLES

<u>Table</u>	<u>Page</u>
1.	Station index..... 6
1a.	Altenbern time series and statistical summary of monthly and water year precipitation..... 8
1b.	Altenbern time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation..... 9
1c.	Altenbern absolute and percent relative frequencies of monthly precipitation..... 10
1d.	Altenbern absolute and percent relative frequencies of period 1, period 2, and water year precipitation..... 11
1e.	Altenbern percent relative frequencies for period 1, period 2, and water year precipitation..... 15
1f.	Altenbern probability of receiving at least the indicated amounts of precipi- tation. (Mixed incomplete Gamma pdf.)..... 16
2a.	Bonham Reservoir time series and statistical summary of monthly and water year precipitation..... 17
2b.	Bonham Reservoir time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation..... 18
2c.	Bonham Reservoir absolute and percent relative frequencies of monthly precipi- tation..... 19
2d.	Bonham Reservoir absolute and percent relative frequencies of period 1, period 2, and water year precipitation..... 21
2e.	Bonham Reservoir percent relative frequencies for period 1, period 2, and water year pre- cipitation..... 27
2f.	Bonham Reservoir probability of receiving at least the indicated amounts of pre- cipitation. (Mixed incomplete Gamma pdf.)..... 28

LIST OF TABLES Continued

<u>Table</u>	<u>Page</u>
3a.	Collbran 2 SW time series and statistical summary of monthly and water year precipitation. .... 29
3b.	Collbran 2 SW time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation..... 32
3c.	Collbran 2 SW absolute and percent relative frequencies of monthly precipitation..... 35
3d.	Collbran 2 SW absolute and percent relative frequencies of period 1, period 2, and water year precipitation..... 36
3e.	Collbran 2 SW percent relative frequencies for period 1, period 2, and water year precipitation..... 40
3f.	Collbran 2 SW probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)..... 41
4a.	Colorado Nat Mon time series and statistical summary of monthly and water year precipitation..... 42
4b.	Colorado Nat Mon time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation..... 43
4c.	Colorado Nat Mon absolute and percent relative frequencies of monthly precipitation..... 44
4d.	Colorado Nat Mon absolute and percent relative frequencies of period 1, period 2, and water year precipitation..... 45
4e.	Colorado Nat Mon percent relative frequencies for period 1, period 2, and water year precipitation..... 49
4f.	Colorado Nat Mon probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)..... 50

LIST OF TABLES Continued

<u>Table</u>	<u>Page</u>
5a.	Fruita time series and statistical summary of monthly and water year precipitation..... 51
5b.	Fruita time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation..... 53
5c.	Fruita absolute and percent relative frequencies of monthly precipitation..... 55
5d.	Fruita absolute and percent relative frequencies of period 1, period 2, and water year precipitation..... 56
5e.	Fruita percent relative frequencies for period 1, period 2, and water year precipitation..... 59
5f.	Fruita probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)..... 60
6a.	Gateway 1 SW time series and statistical summary of monthly and water year precipitation..... 61
6b.	Gateway 1 SW time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation..... 62
6c.	Gateway 1 SW absolute and percent relative frequencies of monthly precipitation..... 63
6d.	Gateway 1 SW absolute and percent relative frequencies of period 1, period 2, and water year precipitation..... 64
6e.	Gateway 1 SW percent relative frequencies for period 1, period 2, and water year precipitation..... 67
6f.	Gateway 1 SW probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)..... 68

LIST OF TABLES Continued

<u>Table</u>		<u>Page</u>
7a.	Grand Junction WSO AP time series and statistical summary of monthly and water year precipitation.....	69
7b.	Grand Junction WSO AP time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.....	71
7c.	Grand Junction WSO AP absolute and percent relative frequencies of monthly precipitation.....	73
7d.	Grand Junction WSO AP absolute and percent relative frequencies of period 1, period 2, and water year precipitation.....	74
7e.	Grand Junction WSO AP percent relative frequencies for period 1, period 2, and water year precipitation.....	77
7f.	Grand Junction WSO AP probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.).....	78
8a.	Grand Junction 6 ESE time series and statistical summary of monthly and water year precipitation.....	79
8b.	Grand Junction 6 ESE time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.....	80
8c.	Grand Junction 6 ESE absolute and relative frequencies of monthly precipitation.....	81
8d.	Grand Junction 6 ESE absolute and percent relative frequencies of period 1, period 2, and water year precipitation.....	82
8e.	Grand Junction 6 ESE percent relative frequencies for period 1, period 2, and water year precipitation.....	84
8f.	Grand Junction 6 ESE probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.).....	85



LIST OF TABLES ontinued

<u>Table</u>	<u>Page</u>
9a. Grand Valley time series and statistical summary of monthly and water year precipitation.....	86
9b. Grand Valley time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.....	87
9c. Grand Valley absolute and percent relative frequencies of monthly precipitation.....	88
9d. Grand Valley absolute and percent relative frequencies of period 1, period 2, and water year precipitation.....	89
9e. Grand Valley percent relative frequencies for period 1, period 2, and water year precipitation.....	92
9f. Grand Valley probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.).....	93
10a. Little Hills time series and statistical summary of monthly and water year precipitation.....	94
10b. Little Hills time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.....	95
10c. Little Hills absolute and percent relative frequencies of monthly precipitation.....	96
10d. Little Hills absolute and percent relative frequencies of period 1, period 2, and water year precipitation.....	97
10e. Little Hills percent relative frequencies for period 1, period 2, and water year precipitation.....	100
10f. Little Hills probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.).....	101

LIST OF TABLES Continued

<u>Table</u>	<u>Page</u>
11a.	Mesa Lakes Resort time series and statistical summary of monthly and water year precipitation..... 102
11b.	Mesa Lakes Resort time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation..... 103
11c.	Mesa Lakes Resort absolute and percent relative frequencies of monthly precipitation..... 104
11d.	Mesa Lakes Resort absolute and percent relative frequencies of period 1, period 2, and water year precipitation..... 106
12a.	Palisade time series and statistical summary of monthly and water year precipitation..... 111
12b.	Palisade time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation..... 113
12c.	Palisade absolute and percent relative frequencies of monthly precipitation..... 115
12d.	Palisade absolute and percent relative frequencies of period 1, period 2, and water year precipitation..... 116
12e.	Palisade percent relative frequencies for period 1, period 2, and water year precipitation..... 119
12f.	Palisade probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)..... 120
13a.	Rifle time series and statistical summary of monthly and water year precipitation..... 122
13b.	Rifle time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation..... 123
13c.	Rifle absolute and percent relative frequencies of monthly precipitation..... 125

LIST OF TABLES Continued

<u>Table</u>	<u>Page</u>
13d.	Rifle absolute and percent relative frequencies of period 1, period 2, and water year precipitation..... 126
13e.	Rifle percent relative frequencies for period 1, period 2, and water year precipitation..... 129
13f.	Rifle probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)..... 130
14.	Regression analysis of water year precipitation versus time..... 158
14a.	Altenbern time series and statistical summary of maximum temperature..... 160
14b.	Collbran time series and statistical summary of maximum temperature..... 161
14c.	Colorado Nat Mon time series and statistical summary of maximum temperature..... 164
14d.	Fruita time series and statistical summary of maximum temperature..... 165
14e.	Gateway 1 SW time series and statistical summary of maximum temperature..... 167
14f.	Grand Junction WSO AP time series and statistical summary of maximum temperature..... 168
14g.	Grand Junction 6 ESE time series and statistical summary of maximum temperature..... 170
14h.	Grand Valley time series and statistical summary of maximum temperature..... 171
14i.	Little Hills time series and statistical summary of maximum temperature..... 172
14j.	Mesa Lakes Resort time series and statistical summary of maximum temperature..... 173
14k.	Palisade time series and statistical summary of maximum temperature..... 174

LIST OF TABLES Continued

<u>Table</u>	<u>Page</u>
14l.	Rifle time series and statistical summary of maximum temperature.....176
15a.	Altenbern time series and statistical summary of minimum temperature.....179
15b.	Collbran 2 SW time series and statistical summary of minimum temperature.....180
15c.	Colorado Nat Mon time series and statis- tical summary of minimum temperature.....183
15d.	Fruita time series and statistical summary of minimum temperature.....184
15e.	Gateway 1 SW time series and statistical summary of minimum temperature.....186
15f.	Grand Junction WSO AP time series and statistical summary of minimum temperature.....187
15g.	Grand Junction 6 ESE time series and statistical summary of minimum temperature.....189
15h.	Grand Valley time series and statistical summary of minimum temperature.....190
15i.	Little Hills time series and statistical summary of minimum temperature.....191
15j.	Mesa Lakes Resort time series and statistical summary of minimum temperature.....192
15k.	Palisade time series and statistical summary of minimum temperature.....193
15l.	Rifle time series and statistical summary of minimum temperature.....195
16a.	Altenbern time series and statistical summary of average temperature.....198
16b.	Collbran 2 SW time series and statistical summary of average temperature.....199
16c.	Colorado Nat Mon time series and statistical summary of average temperature.....202

LIST OF TABLES Continued

<u>Table</u>	<u>Page</u>
16d.	Fruita time series and statistical summary of average temperature.....203
16e.	Gateway 1 SW time series and statistical summary of average temperature.....205
16f.	Grand Junction WSO AP time series and statistical summary of average temperature.....206
16g.	Grand Junction 6 ESE time series and statistical summary of average temperature.....208
16h.	Grand Valley time series and statistical summary of average temperature.....209
16i.	Little Hills time series and statistical summary of average temperature.....210
16j.	Mesa Lakes Resort time series and statistical summary of average temperature.....211
16k.	Palisade time series and statistical summary of average temperature.....212
16l.	Rifle time series and statistical summary of average temperature.....214
17a.	Altenbern time series and statistical summary of snowfall.....217
17b.	Collbran 2 SW time series and statistical summary of snowfall.....218
17c.	Colorado Nat Mon time series and statistical summary of snowfall.....221
17d.	Fruita time series and statistical summary of snowfall.....222
17e.	Gateway 1 SW time series and statistical summary of snowfall.....224
17f.	Grand Junction WSO AP time series and statistical summary of snowfall.....225
17g.	Grand Junction 6 ESE time series and statistical summary of snowfall.....227

LIST OF TABLES Continued

<u>Table</u>		<u>Page</u>
17h.	Grand Valley time series and statistical summary of snowfall.....	228
17i.	Little Hills time series and statistical summary of snowfall.....	229
17j.	Mesa Lakes Resort time series and statistical summary of snowfall.....	230
17k.	Palisade time series and statistical summary of snowfall.....	231
17l.	Rifle time series and statistical summary of snowfall.....	233

## LIST OF FIGURES

<u>Figure</u>	<u>Page</u>
1a.	Altenbern mean monthly precipitation for period of record.....132
1b.	Altenbern water year and 5 year moving mean precipitation. ....133
2a.	Bonham Reservoir mean monthly precipitation for period of record.....134
2b.	Bonham Reservoir water year and 5 year moving mean precipitation.....135
3a.	Collbran 2 SW mean monthly precipitation for period of record.....136
3b.	Collbran 2 SW water year and 5 year moving mean precipitation.....137
4a.	Colorado Nat Mon mean monthly precipitation for period of record.....138
4b.	Colorado Nat Mon water year and 5 year moving mean precipitation.....139
5a.	Fruita mean monthly precipitation for period of record.....140
5b.	Fruita water year and 5 year moving mean precipitation.....141
6a.	Gateway 1 SW mean monthly precipitation for period of record.....142
6b.	Gateway 1 SW water year and 5 year moving mean precipitation.....143
7a.	Grand Junction WSO AP mean monthly precipitation for period of record.....144
7b.	Grand Junction WSO AP water year and 5 year moving mean precipitation.....145
8a.	Grand Junction 6 ESE mean monthly precipitation for period of record.....146
8b.	Grand Junction 6 ESE water year and 5 year moving mean precipitation.....147

LIST OF FIGURES Continued

<u>Figure</u>	<u>Page</u>
9a. Grand Valley mean monthly precipitation for period of record.....	148
9b. Grand Valley water year and 5 year moving mean precipitation. ....	149
10a. Little Hills mean monthly precipitation for period of record. ....	150
10b. Little Hills water year and 5 year moving mean precipitation. ....	151
11a. Mesa Lakes Resort mean monthly precipita- tion for period of record. ....	152
11b. Mesa Lakes Resort water year and 5 year moving mean precipitation. ....	153
12a. Palisade mean monthly precipitation for period of record. ....	154
12b. Palisade water year and 5 year moving mean precipitation.....	155
13a. Rifle mean monthly precipitation for period of record.....	156
13b. Rifle water year and 5 year moving mean precipitation. ....	157



## LIST OF SYMBOLS

N.....	Sample Size
STD DEV.....	Standard Deviation
CV.....	Coefficient of Variation
STD ERR.....	Standard Error of the Mean
MAX.....	Maximum Value in Data Array
MIN.....	Minimum Value in Data Array
pdf.....	Probability Density Function
$G(X)$ .....	Mixed Incomplete Gamma pdf
$F(X)$ .....	Incomplete Gamma pdf
YR.....	Year
WSO.....	Weather Service Office
AP.....	Airport
PROB.....	Probability
MM.....	Millimeters
PRECIP.....	Precipitation

## I. INTRODUCTION

This report contains a precipitation climatology for selected weather stations in northwestern Colorado. Table 1 lists the weather stations used in the analysis and also gives a brief history of each station. Included in the report is a statistical summary of monthly, seasonal, and water year precipitation, snowfall and temperature. Precipitation data used in the summary were obtained from the monthly data base at the Colorado Climatology Office.

In all instances traces were set equal to zero and 900.00 added to estimated or interpolated values for coding purposes. However, these values were included in the statistical analysis. If one month of data was missing in any water year, precipitation for that water year was coded as missing (999.90).

The summary of the report is divided into several sections. Chapter IV contains the precipitation summary for each station in the following format:

Table 1a. data array indicating monthly and water year precipitation for period of record, and mean, standard deviation, coefficient of variation, standard error of the mean, highest and lowest value and range for monthly and water year precipitation,

Table 1b. data arrays for two periods (Period 1, Oct-Mar and Period 2, Apr-Sep) and mean, standard deviation, coefficient of variation, standard error of the mean, highest and lowest value

and range for the two periods,

Table 1c. absolute and relative frequencies computed for monthly data array,

Table 1d. absolute and relative frequencies computed for the two periods and water year data arrays,

Table 1e. percent relative frequencies for period 1, 2, and water year precipitation, and

Table 1f. probability table for monthly and water year precipitation,

Chapter 5 contains plots of the mean monthly precipitation and time series plots of water year precipitation and the 5 year moving average. Following these plots is a regression analysis of the water year precipitation and other pertinent statistics. Chapters 6, 7, 8 and 9 include summaries of maximum, minimum and mean temperature and snowfall following the format described in Chapter 4 Table 1a.

## II. STATISTICAL ANALYSIS

Monthly precipitation data was obtained from our magnetic tape data bank for the period of record on tape through 1975. Water year precipitation was computed by summing the 12 months October through September. Traces were treated as zero precipitation and are presented in that manner in the tables and figures. Estimated or interpolated values were used in the analysis and are biased by 900 in the tables. Standard procedures were used to obtain the summarized statistics. However, the Table c and f series may need further clarification. The Table c series contains the absolute and relative frequencies summarized by months and for the water year. The absolute frequency is the number of months or water years which fall into the class interval in the period of record. Indicated in parenthesis below the absolute frequency is the percent relative frequency which is the number of observations in the class interval divided by the total number of observations possible expressed in percent.

Table f series presents for various probability levels the magnitude of precipitation which is at least equalled for a given month or water year. The return period of the precipitation amount is defined as one divided by the probability level. The precipitation amounts for the corresponding probability levels were obtained by fitting a mixed Gamma distribution to the precipitation data. The mixed Gamma distribution has been proven as an acceptable model describing monthly precipitation (Thom, 1951, 1968). Two parameters describe the cumulative probability density function of the Gamma distribution which can be written as follows:

$$F(x) = \int_0^x \frac{e^{-t/\beta} t^{\alpha-1}}{\beta^\alpha \Gamma(\alpha)} dt \quad \text{for } x > 0 \quad (1)$$

where  $x$  = precipitation amount (inches)

$\alpha$  = shape parameter, Alpha

$\beta$  = scale parameter, Beta

$\Gamma(\alpha)$  = Gamma function

$F(x)$  = cumulative probability that the precipitation amount  $t$  is  $\leq x$

The method of maximum likelihood was used to estimate the shape and scale parameters. The mixed Gamma distribution which includes zero and non zero precipitation events is given by

$$G(x) = Q + (1 - Q) F(x_1) \quad (2)$$

where

$G(x)$  is the cumulative density function including zero precipitation events

$Q$  = number of zero precipitation events  $\div$  total number of events

$F(x_1)$  is the incomplete Gamma function for precipitation greater than zero (Eq. 1).

The inverse of the mixed distribution i.e. solving for  $x_1$  in Eq. 2 at various probability levels ( $G(x)$ ) produces the results shown in the Table e series.

## III. REFERENCES

- Thom, H. C. S., "A Frequency Distribution for Precipitation," abstract in Bulletin American Meteorological Society, Vol. 32, No. 10, December, 1951.
- \_\_\_\_\_, "Direct and Inverse Tables of the Gamma Distribution," Tech. Report No. 2, Environmental Data Service, ESSA, April, 1968, pp. 1-30.

Table 1. Station index.

Station	Index	Div.	County	Latitude	Longitude	Elev.	Obs Time	
							Temp	Prec
Altenbern	0214	02	Garfield	39 30	108 23	5690	5P	5P
Bonham Reservoir	0825	02	Mesa	39 06	107 54	9835		6P
Collbran 2 SW	1741	02	Mesa	39 14	107 58	6130	5P	5P
Colorado Nat Mon	1772	02	Mesa	39 06	108 44	5780	4P	4P
Fruita	3146	02	Mesa	39 10	108 44	4510	5P	7A
Gateway 1 SW	3246	02	Mesa	38 41	108 59	4560	5P	5P
Grand Junction WSO AP	3488	02	Mesa	39 07	108 32	4849	MID	MID
Grand Junction 6 ESE	3489	02	Mesa	39 03	108 27	4760	8A	8A
Grand Valley	3508	02	Garfield	39 27	108 03	5090	5P	5P
Little Hills	5048	02	Rio Blanco	40 00	108 12	6140	6P	6P
Mesa Lakes Resort	5520	02	Mesa	39 03	108 05	9800	5P	5P
Palisade	6266	02	Mesa	39 07	108 21	4800	8A	8A
Rifle	7031	02	Garfield	39 32	107 48	5400	5P	MID

#### IV. PRECIPITATION CLIMATOLOGY



Table 1a. Time series and statistical summary of monthly and water year precipitation.

STATION 214 ALTENBERN

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1947	2.35	1.77	2.11	.41	2.19	1.88	.71	.13	3.02	1.42	.89	.21	17.09
1948	1.58	.92	2.00	2.70	1.67	1.77	1.17	3.04	2.03	1.67	.50	2.37	20.52
1949	2.74	.74	2.83	2.82	1.02	.24	1.31	.71	.01	1.43	.09	2.19	16.13
1950	1.28	1.06	1.29	1.02	1.19	.78	2.80	1.89	.86	1.00	3.76	.19	16.12
1951	2.45	1.29	4.80	2.82	.91	3.03	.63	.78	1.22	1.00	3.93	.26	23.18
1952	0.00	.55	.89	1.53	.26	2.15	1.16	1.65	.57	1.00	2.06	.06	12.17
1953	1.69	1.77	.43	2.16	1.19	2.11	1.04	.63	.59	1.28	1.82	2.66	17.37
1954	1.65	1.37	.89	1.86	1.92	.07	.66	1.60	.63	1.16	2.59	.58	14.98
1955	.45	2.25	1.37	2.27	1.40	.16	1.13	.72	.22	1.11	1.13	0.00	12.21
1956	.98	2.30	.84	3.55	1.68	1.89	2.64	3.65	2.12	1.55	4.01	.33	23.54
1957	3.06	2.37	.93	.29	1.70	2.04	.90	.48	0.00	1.24	.32	2.41	14.74
1958	1.23	1.34	.36	.99	2.06	.53	1.05	.41	1.68	.53	2.75	1.90	13.73
1959	1.13	1.52	1.39	1.03	1.83	1.61	1.14	.52	.53	.32	2.73	1.08	11.83
1960	1.02	1.32	.79	0.00	.37	1.90	1.17	1.75	.13	1.22	2.16	4.75	16.58
1961	1.33	1.24	.77	2.05	3.86	.62	.92	.80	.49	.26	.66	1.56	14.56
1962	.45	.62	.53	1.52	.96	1.19	1.62	.10	.99	.72	3.31	1.23	13.24
1963	.55	.96	.20	1.10	.16	1.42	1.65	.93	.96	1.38	1.62	.80	11.73
1964	0.00	1.47	2.51	1.09	.47	1.26	2.71	2.14	1.78	2.73	2.63	2.76	21.55
1965	1.60	1.88	1.91	.39	1.29	.74	.60	1.19	2.28	.94	1.15	.29	11.05
1966	1.33	.76	3.77	1.16	2.20	.77	.94	2.00	2.59	2.55	2.32	1.10	19.49
1967	.85	.63	1.82	.51	1.41	.86	1.63	1.36	.47	1.50	3.70	.23	14.97
1968	1.48	.75	1.00	4.02	1.13	.25	.62	.57	3.45	1.65	1.65	1.45	16.93
1969	2.76	.92	.63	.61	.53	2.04	1.56	.13	1.28	1.39	1.01	1.57	16.43
1970	1.25	2.15	.89	.50	.33	.33	1.05	1.58	.04	.77	2.24	1.82	12.95
1971	3.09	.36	2.22	0.00	0.00	.09	.70	1.42	3.12	.48	.64	1.66	13.78
1972	4.92	1.11	1.99	.70	.74	1.67	.94	1.24	1.79	1.54	.28	.72	16.74
1973	.31	1.15	1.19	2.06	.19	1.33	.89	0.00	.85	.87	.54	1.36	10.74
1974	1.22	.94	.81	.84	1.11	2.84	1.93	2.18	.65	1.29	.58	.89	15.28
1975	.79	.89	.67	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
MEAN	29	29	29	28	28	28	28	28	28	28	28	28	28
STD DEV	1.36	1.15	1.44	1.43	1.10	1.27	1.26	1.20	1.15	1.15	1.75	1.30	15.63
CV	1.05	.55	1.05	1.06	.83	.84	.62	.89	1.00	.59	1.22	1.07	3.47
STD ERR	.77	.48	.73	.74	.75	.66	.49	.74	.86	.51	.70	.83	.22
MAX	.19	.10	.19	.20	.16	.16	.12	.17	.19	.11	.23	.20	.66
MIN	4.02	2.37	4.80	4.02	3.86	3.03	2.80	3.65	3.45	2.73	4.01	4.75	23.54
RANGE	0.00	.30	.20	0.00	0.00	.07	.60	0.00	0.00	.24	.09	0.00	10.74
	4.02	2.07	4.60	4.02	3.86	2.96	2.20	3.65	3.45	2.49	3.92	4.75	12.80

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 1b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 214 ALTENBERN		
YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1947	10.71	6.38
1948	9.74	10.78
1949	10.39	5.74
1950	5.32	10.50
1951	15.30	7.88
1952	5.38	6.79
1953	9.35	8.02
1954	7.76	7.22
1955	7.90	4.31
1956	9.24	14.30
1957	10.39	4.35
1958	5.41	8.32
1959	7.51	4.32
1960	5.40	11.18
1961	9.87	4.69
1962	5.27	7.97
1963	4.39	7.34
1964	6.80	14.75
1965	6.61	4.44
1966	7.99	11.50
1967	6.08	8.89
1968	8.63	8.30
1969	7.49	6.94
1970	5.45	7.50
1971	5.76	8.02
1972	10.23	6.51
1973	6.23	4.51
1974	7.76	7.52
1975	999.90	999.90
N	28	28
MEAN	7.81	7.82
STD DEV	2.40	2.80
CV	.31	.36
STD ERR	.45	.53
MAX	15.30	14.75
MIN	4.39	4.31
RANGE	10.91	10.44

Table 1c. Absolute and percent relative frequencies of monthly precipitation.

STATION 214 ALTENBERN

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	8 ( 27.6)	2 ( 6.9)	3 ( 10.3)	5 ( 17.9)	8 ( 28.6)	6 ( 21.4)	0 ( 0.0)	6 ( 21.4)	8 ( 28.6)	4 ( 14.3)	3 ( 10.7)	8 ( 28.6)
.50- .99	4 ( 13.8)	12 ( 41.4)	11 ( 37.9)	6 ( 21.4)	5 ( 17.9)	6 ( 21.4)	11 ( 39.3)	8 ( 28.6)	9 ( 32.1)	6 ( 21.4)	7 ( 25.0)	4 ( 14.3)
1.00- 1.49	7 ( 24.1)	9 ( 31.0)	5 ( 17.2)	5 ( 17.9)	8 ( 28.6)	4 ( 14.3)	9 ( 32.1)	4 ( 14.3)	2 ( 7.1)	12 ( 42.9)	3 ( 10.7)	5 ( 17.9)
1.50- 1.99	3 ( 10.3)	3 ( 10.3)	3 ( 10.3)	3 ( 10.7)	4 ( 14.3)	6 ( 21.4)	5 ( 17.9)	5 ( 17.9)	3 ( 10.7)	4 ( 14.3)	3 ( 10.7)	5 ( 17.9)
2.00- 2.49	2 ( 6.9)	3 ( 10.3)	3 ( 10.3)	4 ( 14.3)	2 ( 7.1)	4 ( 14.3)	0 ( 0.0)	3 ( 10.7)	2 ( 7.1)	0 ( 0.0)	4 ( 14.3)	3 ( 10.7)
2.50- 2.99	2 ( 6.9)	0 ( 0.0)	2 ( 6.9)	3 ( 10.7)	0 ( 0.0)	1 ( 3.6)	3 ( 10.7)	0 ( 0.0)	1 ( 3.6)	2 ( 7.1)	3 ( 10.7)	2 ( 7.1)
3.00- 3.49	2 ( 6.9)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)	0 ( 0.0)	1 ( 3.6)	3 ( 10.7)	0 ( 0.0)	1 ( 3.6)	0 ( 0.0)
3.50- 3.99	0 ( 0.0)	0 ( 0.0)	1 ( 3.4)	1 ( 3.6)	1 ( 3.6)	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)	0 ( 0.0)	0 ( 0.0)	3 ( 10.7)	0 ( 0.0)
4.00- 4.49	1 ( 3.4)	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)	0 ( 0.0)
4.50- 4.99	0 ( 0.0)	0 ( 0.0)	1 ( 3.4)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)
TOTALS	29.	29.	29.	28.	28.	28.	28.	28.	28.	28.	28.	28.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 1d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 214 ALTENBERN

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
.50- .99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.00- 1.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.50- 1.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
2.00- 2.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
2.50- 2.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
3.00- 3.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
3.50- 3.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
4.00- 4.49	1 ( 3.6)	4 ( 14.3)	0 ( 0.0)
4.50- 4.99	0 ( 0.0)	2 ( 7.1)	0 ( 0.0)
5.00- 5.49	5 ( 17.9)	0 ( 0.0)	0 ( 0.0)
5.50- 5.99	2 ( 7.1)	1 ( 3.6)	0 ( 0.0)
6.00- 6.49	2 ( 7.1)	1 ( 3.6)	0 ( 0.0)
6.50- 6.99	2 ( 7.1)	3 ( 10.7)	0 ( 0.0)
7.00- 7.49	1 ( 3.6)	3 ( 10.7)	0 ( 0.0)

Table 1d. (continued)

STATION 214 ALTENBERN

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	5 ( 17.9)	3 ( 10.7)	0 ( 0.0)
8.00- 8.49	0 ( 0.0)	4 ( 14.3)	0 ( 0.0)
8.50- 8.99	1 ( 3.6)	1 ( 3.6)	0 ( 0.0)
9.00- 9.49	2 ( 7.1)	0 ( 0.0)	0 ( 0.0)
9.50- 9.99	2 ( 7.1)	0 ( 0.0)	0 ( 0.0)
10.00-10.49	3 ( 10.7)	1 ( 3.6)	0 ( 0.0)
10.50-10.99	1 ( 3.6)	1 ( 3.6)	1 ( 3.6)
11.00-11.49	0 ( 0.0)	2 ( 7.1)	1 ( 3.6)
11.50-11.99	0 ( 0.0)	0 ( 0.0)	2 ( 7.1)
12.00-12.49	0 ( 0.0)	0 ( 0.0)	2 ( 7.1)
12.50-12.99	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)
13.00-13.49	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)
13.50-13.99	0 ( 0.0)	0 ( 0.0)	2 ( 7.1)
14.00-14.49	0 ( 0.0)	1 ( 3.6)	1 ( 3.6)
14.50-14.99	0 ( 0.0)	1 ( 3.6)	4 ( 14.3)

Table 1d. (continued)

STATION 214 ALTENBERN

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
15.00-15.49.	1 ( 3.6)	0 ( 0.0)	1 ( 3.6)
15.50-15.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
16.00-16.49	0 ( 0.0)	0 ( 0.0)	2 ( 7.1)
16.50-16.99	0 ( 0.0)	0 ( 0.0)	3 ( 10.7)
17.00-17.49	0 ( 0.0)	0 ( 0.0)	2 ( 7.1)
17.50-17.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
18.00-18.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
18.50-18.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
19.00-19.49	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)
19.50-19.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
20.00-20.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
20.50-20.99	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)
21.00-21.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
21.50-21.99	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)
22.00-22.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)

Table 1d. (continued)

STATION 214 ALTENBERN

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
22.50-22.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
23.00-23.49	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)
23.50-23.99	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)
24.00-24.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	28.0	28.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH





Table 1f. Probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)

214 ALTENBERN  
PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	WATER YEAR
.05	0.00	.41	.30	0.00	.10	.16	.51	.09	.02	.36	.26	.07	10.62
.10	.21	.52	.43	.25	.23	.26	.62	.22	.10	.47	.41	.19	11.57
.20	.48	.68	.64	.55	.41	.44	.79	.42	.25	.63	.66	.39	12.81
.30	.70	.81	.84	.78	.57	.61	.92	.59	.42	.77	.91	.58	13.75
.40	.92	.93	1.03	1.00	.74	.80	1.05	.78	.60	.90	1.17	.78	14.58
.50	1.15	1.06	1.24	1.23	.92	1.01	1.18	.98	.82	1.04	1.45	1.01	15.40
.60	1.40	1.20	1.47	1.49	1.12	1.25	1.32	1.21	1.08	1.19	1.78	1.28	16.24
.70	1.71	1.36	1.75	1.80	1.36	1.55	1.48	1.49	1.41	1.37	2.18	1.60	17.18
.80	2.12	1.57	2.13	2.20	1.69	1.96	1.69	1.86	1.87	1.60	2.71	2.05	18.32
.90	2.78	1.89	2.72	2.83	2.21	2.63	2.00	2.47	2.65	1.96	3.59	2.79	19.98
.95	3.41	2.18	3.28	3.44	2.71	3.28	2.28	3.06	3.43	2.30	4.44	3.51	21.43
ALPHA	2.01	4.30	2.29	2.29	1.92	1.55	5.23	1.74	1.10	3.55	1.72	1.45	22.38
BETA	.73	.27	.53	.67	.59	.82	.24	.72	1.09	.32	1.04	.93	.70
Q	.07	0.00	0.00	.07	.04	0.00	0.00	.04	.04	0.00	0.00	.03	0.00
N	27	29	29	26	27	28	28	27	27	29	29	28	28

MIXED GAMMA DISTRIBUTION FITTED TO DATA  
 ALPHA= SHAPE PARAMETER      BETA= SCALE PARAMETER  
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS  
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

Table 2a. Time series and statistical summary of monthly and water year precipitation.

STATION 825 BONHAM RESERVOIR

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1963	999.90	2.07	.89	2.40	1.24	4.95	3.55	3.55	1.97	2.09	5.62	999.90	999.90
1964	900.00	999.90	999.90	1.93	1.67	4.75	5.74	2.71	2.21	2.98	1.91	5.16	999.90
1965	1.65	5.65	3.55	1.70	3.15	1.69	7.82	3.20	1.24	2.70	1.41	1.16	29.92
1966	1.36	1.99	2.87	3.13	1.90	2.38	2.95	3.46	2.69	3.23	2.30	2.22	30.48
1967	.42	1.90	6.82	3.23	4.73	2.37	5.50	2.99	.30	4.55	3.21	.54	36.56
1968	1.37	2.10	4.10	6.60	4.02	1.97	1.80	1.58	5.31	1.14	1.63	2.08	33.70
1969	1.35	1.65	1.60	2.95	.65	8.90	4.60	0.00	2.43	2.32	2.64	6.30	41.39
1970	999.90	4.50	4.25	1.90	3.70	2.25	2.60	2.60	0.00	.69	2.15	1.75	999.90
1971	4.35	1.90	6.04	1.77	1.05	2.15	1.75	.87	2.16	3.33	2.55	3.36	28.28
1972	11.82	3.49	4.45	2.75	2.32	4.50	3.00	2.25	3.01	2.33	2.77	1.48	44.17
1973	.80	3.35	3.25	999.90	1.50	.75	4.85	0.00	.60	3.38	.70	.76	999.90
1974	2.17	3.35	3.05	2.50	999.90	7.00	3.10	3.50	.95	1.53	1.03	.92	999.90
1975	1.82	3.20	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	11	12	11	11	11	12	12	12	12	12	12	11	7
MEAN	3.01	2.93	3.72	2.81	2.36	3.64	3.60	2.23	1.91	2.23	2.33	2.34	34.93
STD DEV	3.58	1.23	1.73	1.37	1.35	2.43	1.52	1.31	1.45	1.22	1.27	1.87	6.06
CV	1.19	.42	.47	.49	.57	.67	.42	.59	.76	.55	.55	.80	.17
STD ERR	1.08	.36	.52	.41	.41	.70	.44	.38	.42	.35	.37	.56	2.29
MAX	11.82	5.65	6.82	6.60	4.73	8.90	6.74	3.55	5.31	4.55	5.63	6.30	44.17
MIN	0.00	1.65	.89	1.70	.65	.75	1.75	0.00	0.00	0.33	.70	.54	28.28
RANGE	11.82	4.00	5.93	4.90	4.08	8.15	4.99	3.55	5.31	4.22	4.92	5.76	15.89

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 2b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 825 BONHAM RESERVOIR

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1963	999.90	999.90
1964	999.90	21.41
1965	17.39	12.53
1966	13.63	16.85
1967	19.47	17.09
1968	20.16	13.54
1969	23.10	13.29
1970	999.90	9.59
1971	17.26	11.02
1972	29.33	14.84
1973	999.90	10.29
1974	999.90	11.03
1975	999.90	999.90
N	7	11
MEAN	20.05	14.23
STD DEV	5.03	3.80
CV	.25	.27
STD ERP	1.90	1.15
MAX	29.33	21.41
MIN	13.63	9.59
RANGE	15.70	11.82

Table 2c. Absolute and percent relative frequencies of monthly precipitation.

STATION 825 BONHAM RESFRVOIR

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	2 ( 18.2)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	2 ( 16.7)	2 ( 16.7)	2 ( 16.7)	0 ( 0.0)	0 ( 0.0)
.50- .99	1 ( 9.1)	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)	1 ( 9.1)	1 ( 8.3)	0 ( 0.0)	1 ( 8.3)	2 ( 16.7)	0 ( 0.0)	1 ( 8.3)	3 ( 27.3)
1.00- 1.49	2 ( 18.2)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	2 ( 18.2)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 8.3)	1 ( 8.3)	2 ( 16.7)	2 ( 18.2)
1.50- 1.99	2 ( 18.2)	4 ( 33.3)	1 ( 9.1)	4 ( 36.4)	3 ( 27.3)	2 ( 16.7)	2 ( 16.7)	1 ( 8.3)	1 ( 8.3)	1 ( 8.3)	2 ( 16.7)	1 ( 9.1)
2.00- 2.49	1 ( 9.1)	2 ( 16.7)	0 ( 0.0)	1 ( 9.1)	1 ( 9.1)	4 ( 33.3)	0 ( 0.0)	1 ( 8.3)	3 ( 25.0)	3 ( 25.0)	2 ( 16.7)	2 ( 18.2)
2.50- 2.99	0 ( 0.0)	0 ( 0.0)	1 ( 9.1)	3 ( 27.3)	0 ( 0.0)	0 ( 0.0)	3 ( 25.0)	3 ( 25.0)	1 ( 8.3)	2 ( 16.7)	3 ( 25.0)	0 ( 0.0)
3.00- 3.49	0 ( 0.0)	4 ( 33.3)	2 ( 18.2)	2 ( 18.2)	1 ( 9.1)	0 ( 0.0)	2 ( 16.7)	2 ( 16.7)	1 ( 8.3)	2 ( 16.7)	1 ( 8.3)	1 ( 9.1)
3.50- 3.99	0 ( 0.0)	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)	1 ( 8.3)	2 ( 16.7)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
4.00- 4.49	1 ( 9.1)	0 ( 0.0)	3 ( 27.3)	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
4.50- 4.99	0 ( 0.0)	1 ( 8.3)	0 ( 0.0)	0 ( 0.0)	1 ( 9.1)	3 ( 25.0)	2 ( 16.7)	0 ( 0.0)	0 ( 0.0)	1 ( 8.3)	0 ( 0.0)	0 ( 0.0)
5.00- 5.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 8.3)	0 ( 0.0)	0 ( 0.0)	1 ( 9.1)
5.50- 5.99	0 ( 0.0)	1 ( 8.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 8.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 8.3)	0 ( 0.0)
6.00- 6.49	0 ( 0.0)	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 9.1)
6.50- 6.99	0 ( 0.0)	0 ( 0.0)	1 ( 9.1)	1 ( 9.1)	0 ( 0.0)	0 ( 0.0)	1 ( 8.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
7.00- 7.49	1 ( 9.1)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 8.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)

Table 2c. (continued)

STATION 825 BONHAM RESERVOIR

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
7.50- 7.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
8.00- 8.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
8.50- 8.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 8.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
9.00- 9.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
9.50- 9.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
10.00-10.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
10.50-10.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
11.00-11.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
11.50-11.99	1 ( 9.1)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	11.	12.	11.	11.	11.	12.	12.	12.	12.	12.	12.	11.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 2d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 825 BONHAM RESERVOIR

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	( 0 0.0)	( 0 0.0)	( 0 0.0)
.50- .99	( 0 0.0)	( 0 0.0)	( 0 0.0)
1.00- 1.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
1.50- 1.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
2.00- 2.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
2.50- 2.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
3.00- 3.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
3.50- 3.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
4.00- 4.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
4.50- 4.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
5.00- 5.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
5.50- 5.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
6.00- 6.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
6.50- 6.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
7.00- 7.49	( 0 0.0)	( 0 0.0)	( 0 0.0)

Table 2d. (continued)

STATION 825 BONHAM RESERVOIR

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
8.00- 8.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
8.50- 8.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
9.00- 9.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
9.50- 9.99	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)
10.00-10.49	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)
10.50-10.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
11.00-11.49	0 ( 0.0)	2 ( 18.2)	0 ( 0.0)
11.50-11.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
12.00-12.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
12.50-12.99	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)
13.00-13.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
13.50-13.99	1 ( 14.3)	1 ( 9.1)	0 ( 0.0)
14.00-14.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
14.50-14.99	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)

Table 2d. (continued)

STATION 825 BONHAM RESERVOIR

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
15.00-15.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
15.50-15.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
16.00-16.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
16.50-16.99	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)
17.00-17.49	2 ( 28.6)	1 ( 9.1)	0 ( 0.0)
17.50-17.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
18.00-18.49	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)
18.50-18.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
19.00-19.49	1 ( 14.3)	0 ( 0.0)	0 ( 0.0)
19.50-19.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
20.00-20.49	1 ( 14.3)	0 ( 0.0)	0 ( 0.0)
20.50-20.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
21.00-21.49	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)
21.50-21.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
22.00-22.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)



Table 2d. (continued)

STATION 825 BONHAM RESERVOIR

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
22.50-22.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
23.00-23.49	1 ( 14.3)	0 ( 0.0)	0 ( 0.0)
23.50-23.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
24.00-24.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
24.50-24.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
25.00-25.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
25.50-25.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
26.00-26.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
26.50-26.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
27.00-27.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
27.50-27.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
28.00-28.49	0 ( 0.0)	0 ( 0.0)	1 ( 14.3)
28.50-28.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
29.00-29.49	1 ( 14.3)	0 ( 0.0)	0 ( 0.0)
29.50-29.99	0 ( 0.0)	0 ( 0.0)	1 ( 14.3)

Table 2d. (continued)

STATION 825 BONHAM RESERVOIR

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
30.00-30.49	0 ( 0.0)	0 ( 0.0)	1 ( 14.3)
30.50-30.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
31.00-31.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
31.50-31.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
32.00-32.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
32.50-32.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
33.00-33.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
33.50-33.99	0 ( 0.0)	0 ( 0.0)	1 ( 14.3)
34.00-34.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
34.50-34.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
35.00-35.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
35.50-35.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
36.00-36.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
36.50-36.99	0 ( 0.0)	0 ( 0.0)	1 ( 14.3)
37.00-37.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)

Table 2d. (continued)

STATION 825 BONHAM RESERVOIR

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
37.50-37.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
38.00-38.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
38.50-38.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
39.00-39.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
39.50-39.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
TOTALS	7.0	11.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 2e. Percent relative frequencies for period 1, period 2, and water year precipitation.

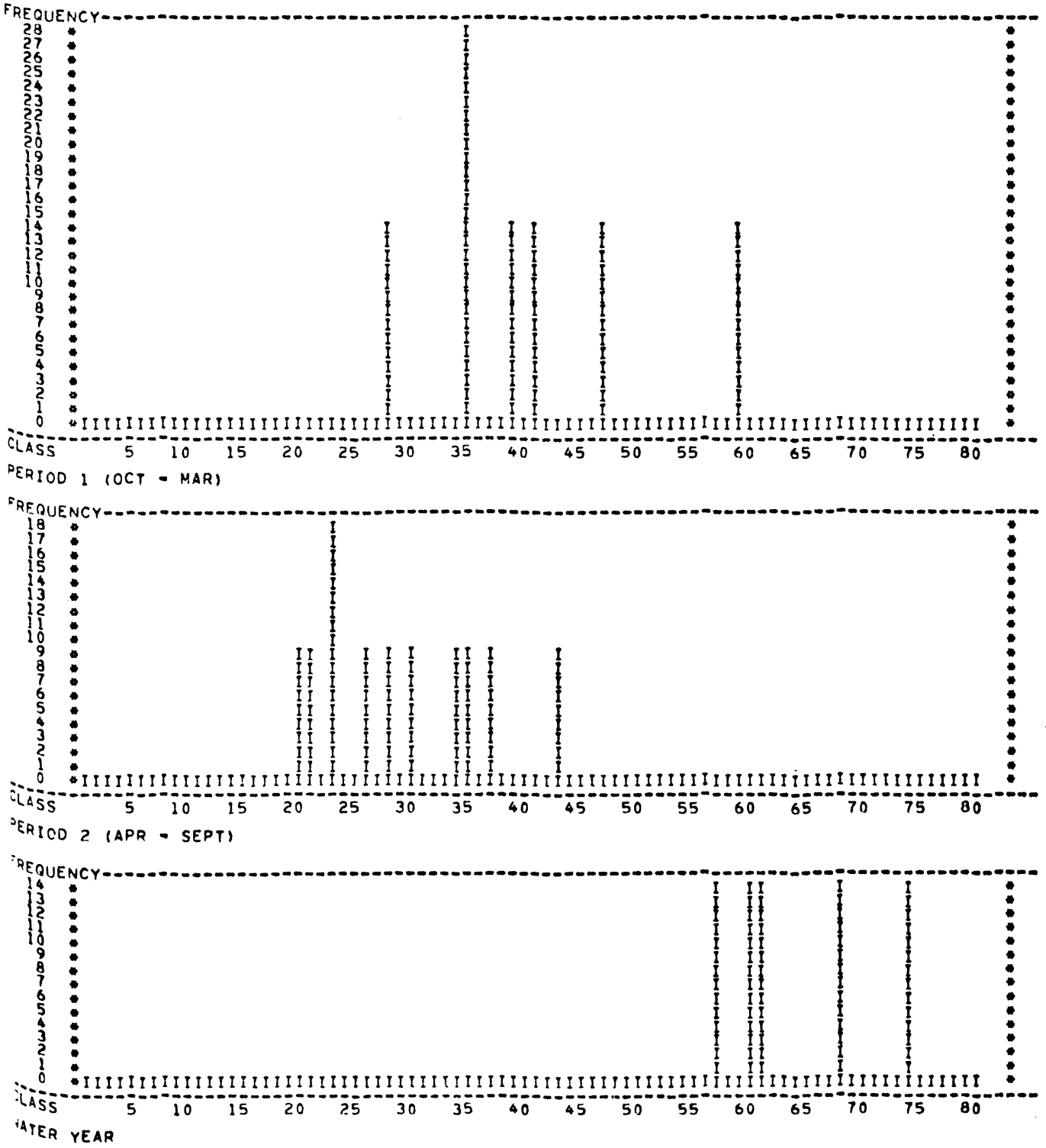


Table 2f. Probability of receiving at least the indicated amounts, of precipitation. (Mixed incomplete Gamma pdf.)

825 BONHAM RESERVOIR													
PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN													
PROB. LEVEL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	WATER YEAR
.05	.27	1.37	1.29	1.28	.68	1.86	1.63	0.00	0.00	.55	.81	.41	0.00
.10	.49	1.62	1.64	1.52	.91	1.73	1.95	0.00	.24	.77	1.05	.61	0.00
.20	.92	1.98	2.15	1.87	1.24	2.00	2.39	1.20	.69	1.11	1.40	.94	0.00
.30	1.38	2.26	2.58	2.14	1.54	2.20	2.75	1.69	1.01	1.41	1.70	1.25	0.00
.40	1.88	2.52	2.99	2.40	1.82	2.68	3.08	2.02	1.31	1.71	1.98	1.56	0.00
.50	2.46	2.79	3.42	2.66	2.12	3.18	3.42	2.31	1.63	2.03	2.28	1.90	0.00
.60	3.15	3.07	3.88	2.94	2.45	3.74	3.78	2.60	1.98	2.38	2.60	2.28	0.00
.70	4.03	3.40	4.42	3.26	2.83	4.41	4.19	2.91	2.41	2.81	2.98	2.74	0.00
.80	5.24	3.80	5.11	3.55	3.33	5.29	4.71	3.30	2.97	3.37	3.46	3.35	0.00
.90	7.26	4.42	6.18	4.27	4.12	6.68	5.50	3.87	3.86	4.25	4.22	4.35	0.00
.95	9.26	4.97	7.16	4.82	4.85	7.99	6.21	4.38	4.70	5.08	4.92	5.29	0.00
ALPHA	1.22	6.92	4.09	6.55	3.22	2.57	6.47	7.07	2.18	2.59	3.76	2.06	0.00
BETA	2.72	0.42	0.91	0.43	0.73	1.42	0.56	0.38	0.95	0.90	0.66	1.09	0.00
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.09	0.00	0.00	0.00	0.00
N	10	12	11	11	11	12	12	10	11	13	13	12	7

MIXED GAMMA DISTRIBUTION FITTED TO DATA  
 ALPHA= SHAPE PARAMETER      BETA= SCALE PARAMETER  
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS  
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

Table 3a. Time series and statistical summary of monthly and water year precipitation.

STATION 1741 COLLEBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1893		1.07	2.15	.93	1.82	2.18	1.23	.50	.47	1.81	.53	.45	13.42
1894	1.24	2.65	2.54	2.96	1.21	1.15	1.52	.69	.72	1.52	1.86	1.25	16.31
1895	1.13	2.65	1.48	.51	1.19	1.79	.29	.68	.02	2.46	1.35	999.90	999.90
1896	999.90	999.90	1.15	1.60	2.14	1.29	1.04	1.10	999.90	1.26	1.09	999.90	999.90
1897	2.17	1.16	1.90	.87	.27	1.60	.72	2.21	.37	0.00	1.46	999.90	999.90
1898	.47	.56	.55	.73	1.61	2.18	.84	0.00	999.90	999.90	999.90	999.90	999.90
1899	999.90	999.90	999.90	999.90	999.90	999.90	1.78	.92	.28	0.00	.17	.62	999.90
1900	.97	1.03	.22	.88	.35	2.44	2.73	2.37	1.29	.55	2.08	.13	15.04
1901	.94	1.35	.65	.40	.23	999.90	1.27	1.22	.97	1.09	1.87	1.08	999.90
1902	.89	1.37	.86	.45	1.77	1.32	2.11	.94	1.93	1.66	1.15	2.24	15.70
1903	.78	.09	.32	.80	.95	1.20	.99	1.00	999.90	1.19	1.36	1.71	999.90
1904	.83	999.90	.66	1.37	2.05	3.18	1.61	2.99	.10	.69	.85	2.87	999.90
1905	.94	1.18	.80	.77	.54	2.91	4.09	4.29	.01	2.71	.78	2.92	21.94
1906	.67	1.16	.83	1.33	1.72	2.58	.69	.78	1.05	.83	2.03	.25	16.92
1907	1.68	.20	1.13	1.30	.55	999.90	999.90	.09	2.59	1.92	1.13	1.29	999.90
1908	3.22	.79	1.55	2.72	.75	.13	2.38	.80	.29	.52	2.12	2.32	17.59
1909	.37	1.97	1.39	1.14	.69	.14	.97	.82	1.08	.71	.71	1.59	11.08
1910	2.25	2.11	1.38	1.64	1.48	1.28	1.65	.01	1.96	1.93	.90	2.41	19.00
1911	2.38	1.11	1.38	.95	1.74	3.89	2.41	.99	1.98	2.00	2.22	2.22	18.39
1912	.24	1.05	.44	1.21	1.98	.65	.85	.47	1.11	2.12	.54	2.51	13.97
1913	.71	1.60	1.85	2.27	1.21	.88	3.13	3.51	2.09	1.04	2.05	1.40	21.74
1914	3.67	.18	.41	1.49	1.13	.18	1.09	2.46	1.18	.17	.65	.95	13.56
1915	0.00	1.50	1.68	2.43	.74	1.29	.68	1.88	0.00	2.46	2.62	.96	16.24
1916	3.92	.90	1.03	.85	.19	1.66	3.90	3.45	.27	.67	.99	2.17	20.00
1917	.43	.29	.26	3.79	1.25	2.43	1.04	.08	.39	1.41	1.49	2.22	15.08
1918	1.70	1.02	1.46	.30	1.37	1.71	1.97	1.41	.05	.99	1.57	.67	15.22
1919	1.44	2.26	.37	.10	1.13	2.06	1.93	1.90	.27	.52	999.90	999.90	999.90
1920	999.90	999.90	999.90	999.90	999.90	999.90	2.17	1.31	1.83	1.92	4.45	1.03	999.90
1921	.75	1.33	1.60	2.35	1.19	2.01	1.95	.45	.90	.15	2.61	.71	16.00
1922	.69	1.81	1.61	1.00	1.17	1.13	2.07	1.39	.10	3.95	2.72	1.46	17.40
1923	1.45	1.53	.89	.80	.42	2.94	1.55	.45	.09	.95	.92	2.46	15.55
1924	2.94	1.09	2.29	2.18	1.96	.80	.21	.46	1.06	1.44	1.60	1.46	15.55
1925	2.27	.82	.71	.74	1.41	1.11	2.20	.39	.69	999.90	999.90	999.90	999.90
1926	1.40	.93	2.11	.96	1.36	2.06	1.01	1.10	3.69	2.47	2.43	3.63	23.15
1927	1.00	1.80	1.57	.27	.14	2.70	.93	.15	.93	.41	1.33	.93	14.66
1928	2.80	1.88	.36	1.22	.53	1.89	1.92	.00	.31	1.44	1.32	999.90	999.90
1929	2.07	.60	.20	3.30	.71	1.23	.50	.53	.16	1.55	1.51	1.26	16.02
1930	.81	1.88	.20	.03	.64	1.37	.54	.61	.11	1.72	1.25	3.09	14.35
1931	2.11	1.25	1.61	.52	2.24	1.28	2.56	.42	.39	1.66	2.11	1.25	17.40
1932	1.20	.12	1.27	.80	.70	.88	1.42	1.66	.15	1.60	1.25	2.00	13.05

Table 3a. (continued)

STATION 1741 COLLEBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1933	.22	1.37	.91	0.00	2.03	.11	1.15	2.20	.55	.26	2.00	1.23	12.03
1934	.13	1.73	1.15	1.23	.44	.70	3.13	2.11	0.00	.40	2.59	2.37	13.98
1935	.62	.72	1.26	.65	3.33	.59	1.12	.10	.91	.89	1.56	1.17	12.92
1936	1.05	.64	1.00	1.18	1.37	1.88	.40	.42	.89	3.41	1.29	1.10	14.63
1937	1.57	1.02	2.35	.52	.90	2.84	2.10	1.27	1.21	.10	.30	2.13	16.31
1938	.84	.19	1.38	1.33	1.21	1.33	.32	0.00	.75	.40	.82	2.13	10.70
1939	.79	.78	.33	1.88	1.69	1.44	2.60	0.08	.30	.25	1.65	2.31	13.60
1940	1.65	1.14	.86	1.71	1.60	1.87	2.60	1.72	1.37	.78	.82	3.22	19.36
1941	4.02	.82	1.46	1.04	2.22	.01	2.50	.85	0.00	.97	.82	.80	17.91
1942	1.30	.50	.17	.82	1.18	2.04	.32	2.22	1.80	.71	3.53	.40	15.22
1943	1.78	.40	.20	.95	.57	1.45	2.96	.39	1.10	.26	.87	0.00	10.93
1944	.47	1.97	.10	.45	.79	1.24	2.61	2.18	1.13	.69	1.36	.48	13.37
1945	.90	.86	.85	1.16	.90	.85	1.53	1.49	.44	.68	1.90	.40	11.96
1946	.77	2.05	.77	.71	.59	.75	1.44	1.68	1.97	.70	2.56	.88	13.81
1947	2.55	1.50	1.07	.85	1.78	2.44	1.33	0.00	1.69	.42	1.50	.76	16.78
1948	.69	1.11	1.42	1.75	.90	999	999	1.27	.56	2.00	1.50	1.42	999
1949	1.81	.39	.14	1.63	.85	1.05	1.58	1.27	.40	.21	.47	1.42	11.02
1950	.03	.43	.74	.90	.75	.27	.91	1.19	.72	.33	999	.89	999
1951	1.35	.47	2.57	1.00	.96	2.68	.62	1.52	.59	.35	1.16	.48	13.75
1952	0.00	.69	.60	.97	.52	1.54	2.22	1.42	.34	2.08	2.38	0.00	12.66
1953	1.74	1.45	.47	.48	.89	1.82	1.18	1.41	.61	.42	2.63	2.60	12.70
1954	1.61	2.12	.67	.67	1.31	.37	1.41	1.90	.80	1.17	1.33	0.00	13.46
1955	.56	1.20	1.07	2.11	.76	.58	.92	.17	.43	.50	.21	.04	9.55
1956	.84	1.01	1.05	2.97	.32	1.41	2.05	3.79	1.61	3.05	3.14	.31	21.55
1957	3.83	1.77	.67	.67	1.32	1.49	.44	.44	.30	.32	2.20	2.38	13.93
1958	.28	.67	.43	.87	1.75	.61	1.47	.44	1.09	.08	1.64	1.62	10.95
1959	1.49	1.53	1.23	.68	1.71	1.82	.83	.71	.30	.26	.79	1.26	11.52
1960	.95	1.15	.68	.12	.54	1.69	1.61	1.61	.21	.45	2.08	4.59	15.69
1961	1.63	1.15	.99	.58	1.99	.49	1.21	.46	1.05	.57	0.00	1.44	11.56
1962	.97	1.73	.63	1.00	.71	1.79	.29	.23	.86	1.80	2.61	1.78	13.40
1963	2.31	1.75	.32	.54	.56	.86	1.66	.17	.50	.66	2.40	1.42	14.91
1964	0.00	1.52	1.06	1.63	1.02	2.46	.86	2.08	1.22	2.20	1.41	3.38	18.84
1965	.74	1.90	1.29	.57	.47	.09	1.91	1.24	.24	.19	1.19	3.79	10.31
1966	1.24	.97	1.71	999	999	999	999	999	999	999	999	999	999
1967	999	999	999	999	999	999	999	999	999	999	999	999	999
1968	999	999	999	999	999	999	999	999	999	999	999	999	999
1969	999	999	999	999	999	999	999	999	999	999	999	999	999
1970	2.04	.88	1.17	.54	.34	.28	1.47	0.00	2.10	.93	.50	2.16	969
1971	2.05	1.43	1.63	.05	.03	.07	.80	.99	.05	.28	.86	1.49	10.02
1972	3.62	1.36	999	.38	.14	1.16	.71	1.98	.75	.15	.93	.17	999

Table 3a. (continued)

STATION 1741 COLLEBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1973	.38	.90	1.15	1.13	.41	.58	999.90	0.00	.30	.82	.26	.48	999.90
1974	.69	.22	999.90	.85	.28	2.11	1.79	1.58	.83	2.44	.27	.55	999.90
1975	1.66	.06	.63	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	77	76	76	76	76	74	77	79	76	77	75	73	60
MEAN	1.36	1.07	1.07	1.11	1.04	1.44	1.50	1.31	.77	1.13	1.41	1.47	14.89
STD DEV	.98	.60	.60	.77	.65	.84	.86	.98	.67	.83	.85	.97	3.21
CV	.72	.56	.57	.69	.63	.58	.57	.75	.88	.73	.60	.66	.22
STD ERR	.11	.07	.07	.09	.08	.10	.10	.11	.08	.09	.10	.11	.41
MAX	4.02	2.65	2.57	3.79	3.33	3.89	4.09	4.29	3.69	3.41	4.45	4.59	23.15
MIN	0.00	.06	.10	0.00	.03	.07	.21	0.00	0.00	0.00	0.00	0.00	9.55
RANGE	4.02	2.59	2.47	3.79	3.30	3.82	3.88	4.29	3.69	3.41	4.45	4.59	13.60

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA



Table 3b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 1741 COLLBRAN 2SW

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1893	8.43	4.99
1894	9.75	6.56
1895	7.75	999.90
1896	999.90	999.90
1897	7.97	999.90
1898	6.10	999.90
1899	999.90	3.77
1900	5.89	9.15
1901	999.90	7.50
1902	6.66	9.04
1903	4.14	999.90
1904	999.90	9.11
1905	7.14	14.80
1906	8.29	8.63
1907	999.90	999.90
1908	9.16	8.43
1909	6.20	4.88
1910	10.14	8.86
1911	9.57	8.82
1912	6.07	7.60
1913	8.52	13.22
1914	7.06	6.50
1915	7.44	8.60
1916	8.55	11.45
1917	8.45	6.63
1918	7.56	6.66
1919	7.86	999.90
1920	999.90	12.71
1921	9.23	6.77
1922	6.41	10.99
1923	7.03	8.42
1924	11.25	6.27
1925	7.06	999.90
1926	8.82	14.33
1927	7.48	6.68
1928	8.68	999.90
1929	8.51	7.51
1930	5.53	8.82
1931	9.01	8.39
1932	4.97	8.08

Table 3b. (continued)

## STATION 1741 COLLEBRAN 2SW

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1933	4.64	7.39
1934	5.38	8.60
1935	7.17	5.75
1936	7.12	7.51
1937	9.20	7.11
1938	6.28	4.42
1939	6.41	7.19
1940	8.83	10.53
1941	11.37	6.54
1942	6.01	9.21
1943	5.35	5.58
1944	5.02	8.35
1945	5.52	6.44
1946	6.54	7.17
1947	9.75	7.03
1948	99.90	8.77
1949	5.87	5.15
1950	3.12	99.90
1951	9.03	4.72
1952	4.32	8.34
1953	5.85	6.85
1954	6.80	6.66
1955	5.28	3.27
1956	7.60	13.95
1957	9.85	4.08
1958	4.31	6.34
1959	7.37	4.15
1960	5.14	10.55
1961	6.83	4.73
1962	5.83	7.57
1963	5.34	8.57
1964	7.69	11.15
1965	5.06	5.25
1966	99.90	99.90
1967	99.90	99.90
1968	99.90	99.90
1969	99.90	99.90
1970	5.93	7.16
1971	5.28	4.19
1972	99.90	4.34
		6.32

Table 3b. (continued)

STATION 1741 COLLBRAN 2SW		
YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1973	4.55	999.90
1974	999.90	7.46
1975	999.90	999.90
N	69	68
MEAN	7.11	7.68
STD DEV	1.77	2.53
CV	.25	.33
STD ERR	.21	.31
MAX	11.37	14.80
MIN	3.12	3.27
RANGE	8.25	11.53

Table 3c. Absolute and percent relative frequencies of monthly precipitation.

STATION 1741 COLLEBRAN 2SW

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	14 ( 18.2)	14 ( 18.4)	14 ( 18.4)	12 ( 15.8)	16 ( 21.1)	10 ( 13.5)	7 ( 9.1)	22 ( 27.8)	33 ( 43.4)	21 ( 27.3)	9 ( 12.0)	14 ( 19.2)
.50- .99	22 ( 28.6)	20 ( 26.3)	24 ( 31.6)	31 ( 40.8)	25 ( 32.9)	14 ( 18.9)	19 ( 24.7)	13 ( 16.5)	20 ( 26.3)	20 ( 26.0)	20 ( 26.7)	12 ( 16.4)
1.00- 1.49	12 ( 15.6)	23 ( 30.3)	20 ( 26.3)	16 ( 21.1)	17 ( 22.4)	18 ( 24.3)	16 ( 20.8)	14 ( 17.7)	12 ( 15.8)	12 ( 15.6)	14 ( 18.7)	18 ( 24.7)
1.50- 1.99	11 ( 14.3)	14 ( 18.4)	12 ( 15.8)	7 ( 9.2)	12 ( 15.8)	11 ( 14.9)	14 ( 18.2)	9 ( 11.4)	8 ( 10.5)	11 ( 14.3)	12 ( 16.0)	6 ( 8.2)
2.00- 2.49	9 ( 11.7)	4 ( 5.3)	4 ( 5.3)	5 ( 6.6)	5 ( 6.6)	13 ( 17.6)	10 ( 13.0)	14 ( 17.7)	2 ( 2.6)	9 ( 11.7)	12 ( 16.0)	13 ( 17.8)
2.50- 2.99	3 ( 3.9)	1 ( 1.3)	2 ( 2.6)	3 ( 3.9)	0 ( 0.0)	6 ( 8.1)	6 ( 7.8)	3 ( 3.8)	0 ( 0.0)	1 ( 1.3)	5 ( 6.7)	5 ( 6.8)
3.00- 3.49	1 ( 1.3)	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)	1 ( 1.3)	1 ( 1.4)	3 ( 3.9)	1 ( 1.3)	0 ( 0.0)	3 ( 3.9)	1 ( 1.3)	3 ( 4.1)
3.50- 3.99	4 ( 5.2)	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)	0 ( 0.0)	1 ( 1.4)	1 ( 1.3)	2 ( 2.5)	1 ( 1.3)	0 ( 0.0)	1 ( 1.3)	1 ( 1.4)
4.00- 4.49	1 ( 1.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)	1 ( 1.3)	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)	0 ( 0.0)
4.50- 4.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 1.4)
TOTALS	77.	76.	76.	76.	76.	74.	77.	79.	76.	77.	75.	73.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 3d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 1741 COLLRRAN 2SW

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
.50- .99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.00- 1.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.50- 1.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
2.00- 2.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
2.50- 2.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
3.00- 3.49	1 ( 1.4)	1 ( 1.5)	0 ( 0.0)
3.50- 3.99	0 ( 0.0)	1 ( 1.5)	0 ( 0.0)
4.00- 4.49	2 ( 2.9)	5 ( 7.4)	0 ( 0.0)
4.50- 4.99	4 ( 5.8)	4 ( 5.9)	0 ( 0.0)
5.00- 5.49	6 ( 8.7)	2 ( 2.9)	0 ( 0.0)
5.50- 5.99	7 ( 10.1)	2 ( 2.9)	0 ( 0.0)
6.00- 6.49	9 ( 13.0)	5 ( 7.4)	0 ( 0.0)
6.50- 6.99	4 ( 5.8)	8 ( 11.8)	0 ( 0.0)
7.00- 7.49	8 ( 11.6)	8 ( 11.8)	0 ( 0.0)

Table 3d. (continued)

STATION 1741 COLLBRAN 2SW

## ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	7 ( 10.1)	4 ( 5.9)	0 ( 0.0)
8.00- 8.49	3 ( 4.3)	6 ( 8.8)	0 ( 0.0)
8.50- 8.99	6 ( 8.7)	8 ( 11.8)	0 ( 0.0)
9.00- 9.49	5 ( 7.2)	4 ( 5.9)	0 ( 0.0)
9.50- 9.99	4 ( 5.8)	0 ( 0.0)	2 ( 3.3)
10.00-10.49	1 ( 1.4)	0 ( 0.0)	2 ( 3.3)
10.50-10.99	0 ( 0.0)	3 ( 4.4)	3 ( 5.0)
11.00-11.49	2 ( 2.9)	2 ( 2.9)	2 ( 3.3)
11.50-11.99	0 ( 0.0)	0 ( 0.0)	3 ( 5.0)
12.00-12.49	0 ( 0.0)	0 ( 0.0)	1 ( 1.7)
12.50-12.99	0 ( 0.0)	1 ( 1.5)	3 ( 5.0)
13.00-13.49	0 ( 0.0)	1 ( 1.5)	5 ( 8.3)
13.50-13.99	0 ( 0.0)	1 ( 1.5)	7 ( 11.7)
14.00-14.49	0 ( 0.0)	1 ( 1.5)	3 ( 5.0)
14.50-14.99	0 ( 0.0)	1 ( 1.5)	2 ( 3.3)

Table 3d. (continued)

STATION 1741 COLLBRAN 2SW

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
15.00-15.49	0 ( 0.0)	0 ( 0.0)	4 ( 6.7)
15.50-15.99	0 ( 0.0)	0 ( 0.0)	3 ( 5.0)
16.00-16.49	0 ( 0.0)	0 ( 0.0)	4 ( 6.7)
16.50-16.99	0 ( 0.0)	0 ( 0.0)	2 ( 3.3)
17.00-17.49	0 ( 0.0)	0 ( 0.0)	2 ( 3.3)
17.50-17.99	0 ( 0.0)	0 ( 0.0)	3 ( 5.0)
18.00-18.49	0 ( 0.0)	0 ( 0.0)	1 ( 1.7)
18.50-18.99	0 ( 0.0)	0 ( 0.0)	2 ( 3.3)
19.00-19.49	0 ( 0.0)	0 ( 0.0)	1 ( 1.7)
19.50-19.99	0 ( 0.0)	0 ( 0.0)	1 ( 1.7)
20.00-20.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
20.50-20.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
21.00-21.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
21.50-21.99	0 ( 0.0)	0 ( 0.0)	3 ( 5.0)
22.00-22.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)

Table 3d. (continued)

STATION 1741 COLLBRAN 2SW

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
22.50-22.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
23.00-23.49	0 ( 0.0)	0 ( 0.0)	1 ( 1.7)
23.50-23.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	69.0	68.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH





Table 3f. Probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)

1741 COLLBRAN 2SW  
PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	WATER YEAR
.05	.10	.22	.24	.17	.17	.24	.43	0.00	.02	.13	.27	.11	10.66
.10	.29	.32	.34	.27	.26	.37	.57	.17	.09	.23	.42	.32	10.98
.20	.53	.48	.49	.44	.41	.57	.80	.40	.21	.40	.64	.58	12.17
.30	.74	.62	.62	.60	.54	.77	1.00	.61	.32	.56	.83	.80	13.07
.40	.94	.76	.75	.75	.69	.97	1.19	.82	.45	.72	1.03	1.01	13.88
.50	1.16	.91	.89	.92	.84	1.19	1.39	1.06	.59	.90	1.23	1.25	14.66
.60	1.42	1.08	1.05	1.12	1.02	1.45	1.62	1.34	.76	1.11	1.46	1.51	15.48
.70	1.72	1.28	1.23	1.35	1.23	1.75	1.88	1.67	.97	1.36	1.73	1.82	16.38
.80	2.12	1.55	1.47	1.66	1.52	2.16	2.23	2.13	1.26	1.70	2.09	2.24	17.48
.90	2.77	1.98	1.86	2.16	1.98	2.82	2.77	2.88	1.74	2.25	2.67	2.91	19.09
.95	3.38	2.39	2.22	2.63	2.42	3.46	3.28	3.61	2.20	2.79	3.21	3.54	20.49
ALPHA	2.02	2.33	2.62	2.01	1.93	1.91	3.00	1.55	1.32	1.71	2.41	2.11	21.83
BETA	.72	.45	.39	.56	.52	.75	.52	.92	.52	.66	.60	.73	0.68
Q	.04	0.00	0.00	.01	0.00	0.00	0.00	.05	.04	.01	.01	.04	0.00
N	69	71	70	69	70	68	71	69	69	71	69	67	58

MIXED GAMMA DISTRIBUTION FITTED TO DATA  
 ALPHA = SHAPE PARAMETER      BETA = SCALE PARAMETER  
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS  
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

Table 4a. Time series and statistical summary of monthly and water year precipitation.

STATION 1772 COLORADO NATIONAL MO

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1940	1.42	.48	1.33	.90	.94	1.29	1.35	.70	.95	.43	1.84	3.39	15.02
1941	3.57	.24	.39	.22	1.07	1.18	1.64	.26	0.00	.97	1.09	.46	11.09
1942	.82	.17	.15	1.09	.33	1.25	1.33	.48	1.32	.60	2.02	.88	9.94
1943	1.06	.31	.42	999.90	.68	.56	1.79	.69	1.14	.58	.09	.01	999.90
1944	.45	1.29	.37	.41	.73	1.18	1.44	.69	1.50	.38	2.47	.17	10.08
1945	.72	.90	.63	.27	.29	.61	1.39	1.32	.21	.59	2.07	.38	9.38
1946	2.01	1.71	.98	.59	.14	.72	1.57	.62	1.73	.42	1.87	.34	11.70
1947	1.72	.88	.95	.53	2.22	1.47	1.13	.08	1.27	.75	2.34	.31	13.65
1948	.63	.79	1.07	1.76	.57	2.00	.60	1.49	1.03	1.02	.05	.98	11.99
1949	999.90	.21	.40	1.91	.65	.39	.81	.31	.02	1.70	2.36	1.38	999.90
1950	.02	.50	.24	1.74	.87	.12	.62	.58	.41	.19	2.39	.26	7.94
1951	1.03	.50	2.85	.78	.48	.83	.58	1.00	.45	.76	1.09	1.18	11.53
1952	0.00	1.05	.55	.59	.35	2.05	.79	.89	.19	.99	1.62	0.03	9.10
1953	2.39	.82	.50	.62	1.02	1.05	.62	.99	.23	1.16	1.39	2.12	11.11
1954	1.26	1.74	.41	.76	1.18	.02	.68	1.12	.69	1.32	.41	.62	10.72
1955	.18	1.29	.35	1.58	.46	.47	.44	1.12	.93	.37	.03	.66	10.74
1956	.72	.59	.70	2.60	.97	1.84	2.63	2.39	1.06	1.35	6.66	.19	21.70
1957	2.49	1.75	.66	.47	.88	1.08	.15	.77	.12	.34	1.12	.84	10.67
1958	0.00	.77	1.10	.63	.55	.11	.95	.44	.52	.27	1.08	1.10	6.52
1959	.93	.33	1.55	.58	1.54	1.46	.41	.52	.90	.44	999.90	1.52	999.90
1960	.61	.66	.37	.01	1.80	1.55	1.11	.99	0.00	.27	2.12	3.02	11.51
1961	.93	.81	.45	.33	1.56	.14	.90	.30	.45	.48	1.18	1.18	8.44
1962	.63	.37	.73	999.90	.71	1.47	1.42	.10	.45	1.50	3.07	1.58	909.90
1963	.91	.44	.99	.86	1.09	1.11	1.24	1.30	.64	.62	2.03	2.58	9.32
1964	0.00	1.08	.78	1.09	1.11	1.27	2.07	.72	.94	1.36	.93	2.39	13.74
1965	1.91	1.61	.92	.64	.45	.13	1.07	.72	.11	1.27	.61	.84	10.28
1966	1.44	.74	3.49	.31	.22	.79	1.13	2.34	2.37	.76	1.30	.42	14.31
1967	.53	.59	2.49	.20	1.19	.22	1.59	.41	.04	.43	4.24	.26	12.19
1968	1.03	.35	.54	2.52	.38	.87	.25	.09	2.08	.53	1.44	1.28	11.46
1969	2.16	.95	.35	999.90	.73	2.00	.84	0.00	1.15	1.80	1.32	.92	999.90
1970	1.46	1.21	.45	.13	.72	.16	.20	.85	.01	.09	1.91	.69	7.38
1971	1.61	.69	1.14	.30	0.00	0.00	999.90	.37	1.80	.68	1.10	.86	999.90
1972	3.56	.53	1.13	.92	0.00	.63	.97	1.50	1.42	.47	1.01	.43	12.57
1973	.61	.38	999.90	1.71	.35	.77	.90	0.00	0.00	1.01	.24	.31	999.90
1974	.90	1.32	.24	.75	.62	2.56	1.07	999.90	.38	1.77	.22	999.90	999.90
1975	1.36	.51	.99	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	35	36	35	32	35	35	33	34	35	34	35	34	27
MEAN	1.17	.80	.82	.87	.68	.96	.91	.72	.74	.79	1.50	.87	11.11
STD DEV	.89	.45	.76	.67	.49	.67	.58	.57	.65	.46	1.29	.83	3.05
CV	.76	.56	.92	.77	.71	.70	.63	.80	.89	.59	.86	.94	.27
STD ERR	.15	.07	.13	.12	.08	.11	.10	.10	.11	.08	.22	.14	.59
MAX	3.57	1.75	3.49	2.60	2.22	2.56	2.63	2.39	2.37	1.80	6.66	3.39	21.70
MIN	0.00	.17	.09	.01	0.00	0.00	.13	0.00	0.00	.09	.05	.01	6.52
RANGE	3.57	1.58	3.40	2.59	2.22	2.56	2.50	2.39	2.37	1.71	6.61	3.38	15.18

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 4b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 1772 COLORADO NATIONAL MO

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1940	6.36	8.66
1941	6.67	4.42
1942	3.81	6.13
1943	99.90	4.09
1944	4.43	5.65
1945	3.42	5.96
1946	6.15	5.55
1947	7.77	5.88
1948	6.82	5.17
1949	99.90	4.58
1950	3.49	4.45
1951	6.47	5.06
1952	4.59	4.51
1953	6.20	4.91
1954	5.37	5.15
1955	4.33	5.41
1956	7.42	14.28
1957	7.33	3.34
1958	2.16	4.36
1959	6.39	99.90
1960	4.00	7.51
1961	4.25	4.19
1962	99.90	6.39
1963	3.65	5.67
1964	5.33	8.41
1965	5.66	4.62
1966	6.99	7.32
1967	5.22	6.97
1968	5.79	5.67
1969	99.90	6.03
1970	3.63	3.75
1971	3.74	99.90
1972	6.77	5.80
1973	99.90	99.90
1974	6.49	99.90
1975	99.90	99.90
N	30	31
MEAN	5.36	5.71
STD DEV	1.47	2.11
CV	.27	.37
STD ERR	.27	.38
MAX	7.77	14.28
MIN	2.16	2.41
RANGE	5.61	11.87

Table 4c. Absolute and percent relative frequencies of monthly precipitation.

STATION 1772 COLORADO NATIONAL MO

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	6 ( 17.1)	9 ( 25.0)	16 ( 45.7)	10 ( 31.3)	15 ( 42.9)	10 ( 28.6)	8 ( 24.2)	14 ( 41.2)	18 ( 51.4)	11 ( 32.4)	9 ( 25.7)	15 ( 44.1)
.50- .99	12 ( 34.3)	17 ( 47.2)	11 ( 31.4)	13 ( 40.6)	12 ( 34.3)	8 ( 22.9)	13 ( 39.4)	13 ( 38.2)	5 ( 14.3)	13 ( 38.2)	2 ( 5.7)	10 ( 29.4)
1.00- 1.49	8 ( 22.9)	6 ( 16.7)	4 ( 11.4)	2 ( 6.3)	5 ( 14.3)	11 ( 31.4)	7 ( 21.2)	4 ( 11.8)	7 ( 20.0)	6 ( 17.6)	10 ( 28.6)	4 ( 11.8)
1.50- 1.99	3 ( 8.6)	4 ( 11.1)	1 ( 2.9)	5 ( 15.6)	2 ( 5.7)	2 ( 5.7)	3 ( 9.1)	1 ( 2.9)	3 ( 8.6)	4 ( 11.8)	4 ( 11.4)	1 ( 2.9)
2.00- 2.49	4 ( 11.4)	0 ( 0.0)	1 ( 2.9)	0 ( 0.0)	1 ( 2.9)	3 ( 8.6)	1 ( 3.0)	2 ( 5.9)	2 ( 5.7)	0 ( 0.0)	7 ( 20.0)	2 ( 5.9)
2.50- 2.99	0 ( 0.0)	0 ( 0.0)	1 ( 2.9)	2 ( 6.3)	0 ( 0.0)	1 ( 2.9)	1 ( 3.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
3.00- 3.49	0 ( 0.0)	0 ( 0.0)	1 ( 2.9)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 2.9)	2 ( 5.9)
3.50- 3.99	2 ( 5.7)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
4.00- 4.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 2.9)	0 ( 0.0)
4.50- 4.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
5.00- 5.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
5.50- 5.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
6.00- 6.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
6.50- 6.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 2.9)	0 ( 0.0)
TOTALS	35.	36.	35.	32.	35.	35.	33.	34.	35.	34.	35.	34.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 4d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 1772 COLORADO NATIONAL MO

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
.50- .99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.00- 1.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.50- 1.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
2.00- 2.49	1 ( 3.3)	1 ( 3.2)	0 ( 0.0)
2.50- 2.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
3.00- 3.49	2 ( 6.7)	1 ( 3.2)	0 ( 0.0)
3.50- 3.99	4 ( 13.3)	1 ( 3.2)	0 ( 0.0)
4.00- 4.49	4 ( 13.3)	5 ( 16.1)	0 ( 0.0)
4.50- 4.99	1 ( 3.3)	4 ( 12.9)	0 ( 0.0)
5.00- 5.49	3 ( 10.0)	3 ( 9.7)	0 ( 0.0)
5.50- 5.99	2 ( 6.7)	7 ( 22.6)	0 ( 0.0)
6.00- 6.49	6 ( 20.0)	3 ( 9.7)	0 ( 0.0)
6.50- 6.99	4 ( 13.3)	1 ( 3.2)	2 ( 7.4)
7.00- 7.49	2 ( 6.7)	1 ( 3.2)	1 ( 3.7)

Table 4d. (continued)

STATION 1772 COLORADO NATIONAL MO

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	( 1 3.3)	( 1 3.2)	( 1 3.7)
8.00- 8.49	( 0 0.0)	( 1 3.2)	( 1 3.7)
8.50- 8.99	( 0 0.0)	( 1 3.2)	( 0 0.0)
9.00- 9.49	( 0 0.0)	( 0 0.0)	( 3 11.1)
9.50- 9.99	( 0 0.0)	( 0 0.0)	( 1 3.7)
10.00-10.49	( 0 0.0)	( 0 0.0)	( 2 7.4)
10.50-10.99	( 0 0.0)	( 0 0.0)	( 2 7.4)
11.00-11.49	( 0 0.0)	( 0 0.0)	( 3 11.1)
11.50-11.99	( 0 0.0)	( 0 0.0)	( 4 14.8)
12.00-12.49	( 0 0.0)	( 0 0.0)	( 1 3.7)
12.50-12.99	( 0 0.0)	( 0 0.0)	( 1 3.7)
13.00-13.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
13.50-13.99	( 0 0.0)	( 0 0.0)	( 2 7.4)
14.00-14.49	( 0 0.0)	( 1 3.2)	( 1 3.7)
14.50-14.99	( 0 0.0)	( 0 0.0)	( 0 0.0)

Table 4d. (continued)

STATION 1772 COLORADO NATIONAL MO

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
15.00-15.49	( 0 0.0)	( 0 0.0)	( 1 3.7)
15.50-15.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
16.00-16.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
16.50-16.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
17.00-17.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
17.50-17.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
18.00-18.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
18.50-18.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
19.00-19.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
19.50-19.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
20.00-20.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
20.50-20.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
21.00-21.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
21.50-21.99	( 0 0.0)	( 0 0.0)	( 1 3.7)
22.00-22.49	( 0 0.0)	( 0 0.0)	( 0 0.0)



Table 4d. (continued)

STATION 1772 COLORADO NATIONAL MO

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
TOTALS	30.0	31.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH



Table 4f. Probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)

1772 COLORADO NATIONAL MO														
PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN														
PROB. LEVEL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	WATER	YEAR
.05	0.00	.23	.11	.10	0.00	.07	.21	0.00	0.00	.21	.15	.05	6.90	
.10	.11	.31	.18	.17	.15	.16	.30	.07	.02	.24	.26	.11	7.67	
.20	.38	.42	.30	.29	.29	.30	.43	.23	.13	.40	.47	.22	8.69	
.30	.58	.52	.41	.41	.39	.45	.55	.35	.24	.50	.68	.35	9.47	
.40	.77	.62	.53	.54	.49	.60	.68	.46	.36	.61	.91	.49	10.18	
.50	.98	.72	.67	.69	.60	.76	.80	.58	.51	.71	1.17	.66	10.87	
.60	1.21	.83	.82	.85	.71	.96	.95	.72	.68	.83	1.47	.86	11.59	
.70	1.48	.96	1.01	1.06	.85	1.20	1.12	.88	.90	.98	1.85	1.13	12.40	
.80	1.85	1.13	1.26	1.34	1.03	1.53	1.35	1.10	1.20	1.16	2.36	1.50	13.39	
.90	2.44	1.40	1.67	1.81	1.32	2.06	1.72	1.45	1.72	1.46	3.22	2.12	14.85	
.95	3.01	1.65	2.07	2.26	1.59	2.59	2.06	1.78	2.23	1.74	4.06	2.75	16.13	
ALPHA	1.94	3.23	1.67	1.52	2.45	1.50	2.47	1.96	1.12	2.78	1.38	1.05	15.45	
BETA	.66	.25	.49	.57	.30	.67	.38	.39	.71	.29	1.10	.89	.72	
Q	.09	0.00	0.00	0.00	.06	.03	0.00	.09	.08	0.00	0.00	0.00	0.00	
N	32	36	35	32	33	35	34	32	33	35	36	35	27	

MIXED GAMMA DISTRIBUTION FITTED TO DATA  
 ALPHA = SHAPE PARAMETER      BETA = SCALE PARAMETER  
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS  
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

Table 5a. Time series and statistical summary of monthly and water year precipitation.

STATION 3146 FRUITA

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1931	.97	1.12	.88	.53	1.60	.73	1.27	.07	.78	2.48	1.83	.37	12.63
1932	.11	0.00	.97	.83	.39	.43	.26	.86	.03	.71	.50	1.14	6.23
1933	.20	1.25	.61	.55	1.10	0.00	.37	1.22	.06	.21	.61	1.62	6.80
1934	.11	.97	.63	.87	.19	.52	1.65	.43	.05	1.12	1.00	1.13	8.67
1935	.14	.15	.67	.26	1.22	.21	.23	.16	.34	1.24	1.34	.29	6.25
1936	.57	.20	1.15	.53	.73	1.48	.04	.05	.03	1.87	.84	.20	7.76
1937	1.11	.56	1.12	.59	.54	1.37	.24	.45	.93	0.00	.63	2.52	10.16
1938	.80	.05	.82	.81	.68	1.11	.03	.34	0.00	.14	1.08	3.34	9.20
1939	.51	.38	.07	.04	.79	.90	1.46	.08	.09	.83	1.11	3.12	11.33
1940	1.44	.57	.91	.21	.55	1.64	1.08	.68	.89	.41	1.41	3.06	13.85
1941	2.82	.44	.35	.26	.61	.92	.92	.12	0.00	1.18	.65	.30	8.57
1942	.82	0.00	.19	.91	.11	.82	.31	.91	.95	0.00	1.27	.38	6.67
1943	.79	.24	.29	.53	.59	.35	2.28	.31	.68	.46	.06	0.00	6.58
1944	.79	.84	.31	.36	.56	1.04	.47	.46	1.35	.56	1.96	.16	8.86
1945	.53	.75	.63	.36	.15	.59	.94	.88	.35	.19	1.53	.08	6.98
1946	.95	1.55	.90	.30	.09	.64	.31	.45	1.24	.13	1.50	.18	8.24
1947	1.17	.81	.73	.40	1.39	.83	.59	0.00	1.16	1.12	.73	.18	9.11
1948	.46	.43	.79	1.29	.72	1.74	.29	.76	.79	.77	.04	.68	8.76
1949	.66	.19	.26	1.73	.48	.05	.60	.03	0.00	1.46	0.00	1.30	6.76
1950	0.00	.38	.15	.65	.22	.09	.61	.54	.57	.21	1.68	.27	5.37
1951	.93	.33	3.02	.64	.26	.48	.30	.70	.36	.43	.49	.35	8.29
1952	0.00	.42	.20	.15	.10	1.36	.55	.49	1.02	.10	1.60	.01	6.00
1953	2.10	.68	.18	.34	.41	.86	.87	.69	.40	.91	.31	1.59	9.71
1954	.72	1.01	.50	.83	.58	0.00	.78	.72	.36	.23	1.58	.25	7.44
1955	.03	.95	.30	1.23	.59	.23	.87	.28	.02	.69	.17	0.00	5.35
1956	.60	.23	.48	2.57	.93	1.12	1.93	1.76	.84	.52	4.31	.15	15.44
1957	2.04	1.50	.41	.31	.99	1.32	.14	.10	.23	.01	.86	.90	8.81
1958	.19	.62	.02	.25	.66	.09	.59	.24	.19	.05	1.01	1.64	5.65
1959	1.11	.31	.76	.25	1.06	.85	.54	.08	.19	.00	.30	.42	5.89
1960	.42	.33	.18	0.00	1.24	1.18	.94	.60	0.00	.19	1.06	2.54	7.68
1961	.69	.62	.35	.45	1.43	.06	.75	.09	.40	.22	.24	1.18	6.48
1962	.40	.36	.31	.41	.52	.54	.38	.06	.40	.76	2.89	.45	7.48
1963	.61	.05	.13	.64	.02	.63	1.15	.44	.21	.50	1.74	.73	6.85
1964	0.00	1.15	.78	.34	.72	.99	1.68	.96	.70	1.06	.86	2.29	12.03
1965	.87	.93	.76	.38	.25	.03	.95	1.03	.03	.98	.23	.90	12.34
1966	1.00	.59	2.41	.28	.07	.57	0.00	1.56	1.46	1.27	1.42	.71	11.34
1967	.43	.53	1.31	.28	1.03	.29	.98	.58	.06	.44	2.35	.11	8.35
1968	.80	.35	1.37	.99	2.26	.32	.23	.69	1.70	.55	.94	1.00	9.20
1969	1.69	.95	.38	.40	.34	1.50	.02	0.00	1.18	.94	.60	.81	9.81
1970	1.51	1.09	.42	.16	.15	.03	.46	.85	.05	.13	.66	.47	5.98

Table 5a. (continued)

STATION 3146 FRUITA

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	1.42	.45	.71	.02	0.00	0.00	.04	.57	.79	.20	.63	.69	5.52
1972	2.64	.49	1.20	.81	.11	.41	.38	1.75	1.48	1.04	.32	.14	10.77
1973	.62	.91	.47	1.43	.30	.80	1.51	0.00	.14	.71	.36	.21	7.46
1974	1.04	1.04	.25	.52	.45	2.39	1.06	1.02	.16	1.29	.14	.22	9.58
1975	1.12	.40	.66	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	45	45	45	44	44	44	44	44	44	44	44	44	44
MEAN	.84	.60	.64	.69	.55	.72	.73	.55	.49	.67	1.02	.84	8.35
STD DEV	.65	.39	.56	.56	.41	.56	.54	.46	.49	.54	.83	.91	2.31
CV	.78	.65	.87	.81	.73	.78	.74	.84	.99	.81	.81	1.08	2.28
STD ERR	.10	.06	.08	.08	.06	.08	.08	.07	.07	.08	.12	.14	.35
MAX	2.82	1.55	3.02	2.57	1.60	2.39	2.28	1.76	1.70	2.48	4.31	3.34	15.44
MIN	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.36
RANGE	2.82	1.55	3.00	2.57	1.60	2.39	2.28	1.76	1.70	2.48	4.31	3.34	10.08

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 5b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 3146 FRUITA

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1931	5.83	6.80
1932	2.73	3.50
1933	3.77	3.09
1934	3.29	5.38
1935	2.65	3.60
1936	4.73	3.03
1937	5.29	4.87
1938	4.27	4.93
1939	4.69	6.69
1940	6.32	7.53
1941	5.40	3.17
1942	7.85	3.82
1943	2.79	3.79
1944	3.90	4.96
1945	3.01	3.97
1946	4.43	3.81
1947	5.33	3.78
1948	5.43	3.33
1949	3.37	3.39
1950	1.44	3.88
1951	5.66	2.63
1952	2.23	3.77
1953	4.57	4.77
1954	5.74	3.97
1955	3.33	2.03
1956	5.93	9.51
1957	6.57	2.24
1958	1.93	3.72
1959	4.34	1.55
1960	2.35	5.33
1961	3.60	2.88
1962	2.54	4.94
1963	2.08	4.77
1964	4.48	7.55
1965	3.22	4.12
1966	4.92	6.42
1967	3.83	4.52
1968	4.09	5.11
1969	5.26	4.55
1970	3.36	2.62

Table 5b. (continued)

STATION 3146 FRUITA

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1971	2.60	2.92
1972	5.66	5.11
1973	4.53	2.93
1974	5.69	3.89
1975	999.90	999.90
N	44	44
MEAN	4.05	4.30
STD DEV	1.31	1.59
CV	.32	.37
STD ERR	.20	.24
MAX	6.57	9.51
MIN	1.49	1.55
RANGE	5.08	7.96

Table 5c. Absolute and percent relative frequencies of monthly precipitation.

STATION 3146 FRUITA

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	13 ( 28.9)	22 ( 48.9)	22 ( 48.9)	20 ( 45.5)	21 ( 47.7)	17 ( 38.6)	18 ( 40.9)	23 ( 52.3)	27 ( 61.4)	19 ( 43.2)	12 ( 27.3)	23 ( 52.3)
.50- .99	18 ( 40.0)	15 ( 33.3)	17 ( 37.8)	16 ( 36.4)	16 ( 36.4)	15 ( 34.1)	15 ( 34.1)	15 ( 34.1)	10 ( 22.7)	13 ( 29.5)	12 ( 27.3)	8 ( 18.2)
1.00- 1.49	8 ( 17.8)	6 ( 13.3)	4 ( 8.9)	4 ( 9.1)	6 ( 13.6)	8 ( 18.2)	6 ( 13.6)	3 ( 6.8)	6 ( 13.6)	10 ( 22.7)	9 ( 20.5)	5 ( 11.4)
1.50- 1.99	2 ( 4.4)	2 ( 4.4)	0 ( 0.0)	2 ( 4.5)	1 ( 2.3)	3 ( 6.8)	4 ( 9.1)	3 ( 6.8)	1 ( 2.3)	1 ( 2.3)	8 ( 18.2)	2 ( 4.5)
2.00- 2.49	2 ( 4.4)	0 ( 0.0)	1 ( 2.2)	1 ( 2.3)	0 ( 0.0)	1 ( 2.3)	1 ( 2.3)	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)	1 ( 2.3)	1 ( 2.3)
2.50- 2.99	2 ( 4.4)	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)	2 ( 4.5)
3.00- 3.49	0 ( 0.0)	0 ( 0.0)	1 ( 2.2)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	3 ( 6.8)
3.50- 3.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
4.00- 4.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)	0 ( 0.0)
TOTALS	45.	45.	45.	44.	44.	44.	44.	44.	44.	44.	44.	44.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH



Table 5d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 3146 FRUITA

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
.50- .99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.00- 1.49	1 ( 2.3)	0 ( 0.0)	0 ( 0.0)
1.50- 1.99	1 ( 2.3)	1 ( 2.3)	0 ( 0.0)
2.00- 2.49	3 ( 6.8)	2 ( 4.5)	0 ( 0.0)
2.50- 2.99	6 ( 13.6)	5 ( 11.4)	0 ( 0.0)
3.00- 3.49	6 ( 13.6)	6 ( 13.6)	0 ( 0.0)
3.50- 3.99	5 ( 11.4)	11 ( 25.0)	0 ( 0.0)
4.00- 4.49	5 ( 11.4)	1 ( 2.3)	0 ( 0.0)
4.50- 4.99	5 ( 11.4)	8 ( 18.2)	0 ( 0.0)
5.00- 5.49	5 ( 11.4)	4 ( 9.1)	2 ( 4.5)
5.50- 5.99	5 ( 11.4)	0 ( 0.0)	5 ( 11.4)
6.00- 6.49	1 ( 2.3)	1 ( 2.3)	3 ( 6.8)
6.50- 6.99	1 ( 2.3)	2 ( 4.5)	6 ( 13.6)
7.00- 7.49	0 ( 0.0)	0 ( 0.0)	3 ( 6.8)

Table 5d. (continued)

STATION 3146 FRUITA

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	0 ( 0.0)	2 ( 4.5)	3 ( 6.8)
8.00- 8.49	0 ( 0.0)	0 ( 0.0)	3 ( 6.8)
8.50- 8.99	0 ( 0.0)	0 ( 0.0)	5 ( 11.4)
9.00- 9.49	0 ( 0.0)	0 ( 0.0)	4 ( 9.1)
9.50- 9.99	0 ( 0.0)	1 ( 2.3)	2 ( 4.5)
10.00-10.49	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)
10.50-10.99	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)
11.00-11.49	0 ( 0.0)	0 ( 0.0)	2 ( 4.5)
11.50-11.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
12.00-12.49	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)
12.50-12.99	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)
13.00-13.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
13.50-13.99	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)
14.00-14.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
14.50-14.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)

Table 5d. (continued)

STATION 3146 FRUITA

INTERVAL	ABSOLUTE AND PERCENT RELATIVE FREQUENCIES		
	PERIOD 1	PERIOD 2	WATER YEAR
15.00-15.49	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)
15.50-15.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	44.0	44.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH



Table 5f. Probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)

3146 FRUITA													
PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN													
PROB. LEVEL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	WATER YEAR
.05	0.00	.05	.09	.07	.06	0.00	.07	0.00	0.00	.01	.08	.01	5.13
.10	.12	.15	.14	.14	.11	.06	.14	.05	.01	.07	.17	.06	5.72
.20	.28	.25	.24	.25	.20	.19	.25	.14	.07	.17	.32	.17	6.49
.30	.41	.34	.32	.34	.28	.30	.36	.22	.14	.27	.47	.30	7.09
.40	.55	.43	.42	.44	.36	.42	.47	.32	.22	.38	.62	.44	7.63
.50	.69	.53	.52	.55	.45	.55	.60	.42	.32	.50	.79	.60	8.16
.60	.86	.63	.64	.68	.56	.70	.74	.53	.44	.64	.99	.80	8.71
.70	1.06	.75	.79	.83	.69	.89	.92	.68	.60	.81	1.23	1.06	9.33
.80	1.32	.91	.98	1.04	.86	1.15	1.16	.83	.82	1.06	1.56	1.42	10.09
.90	1.75	1.17	1.31	1.37	1.14	1.58	1.55	1.20	1.19	1.46	2.11	2.03	11.21
.95	2.17	1.41	1.62	1.69	1.42	1.99	1.93	1.52	1.57	1.85	2.64	2.64	12.20
ALPHA	1.83	2.34	1.67	1.79	1.69	1.42	1.60	1.40	.99	1.33	1.52	1.05	14.85
BETA	.49	.27	.38	.39	.34	.54	.48	.42	.54	.52	.67	.87	.56
Q	.07	.04	0.00	.02	.02	.07	.02	.07	.09	.04	.02	.04	0.00
N	42	43	45	44	44	42	44	42	41	43	44	43	44

MIXED GAMMA DISTRIBUTION FITTED TO DATA  
 ALPHA = SHAPE PARAMETER      BETA = SCALE PARAMETER  
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS  
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

Table 6a. Time series and statistical summary of monthly and water year precipitation.

STATION 3246 GATEWAY 1SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1947	3.00	1.10	.97	.49	1.31	.85	1.18	.21	1.59	1.08	1.32	.31	13.41
1948	1.16	.32	1.12	2.11	.74	2.06	1.28	.91	1.02	1.79	.96	1.10	13.57
1949	1.92	.13	.27	1.46	.59	.48	1.13	.88	0.00	1.42	.10	1.04	7.42
1950	0.00	.36	.12	1.67	.76	.07	1.17	1.21	.21	1.17	2.45	.57	7.76
1951	1.04	.94	1.70	1.08	.41	1.38	1.16	1.04	.24	1.15	1.40	.98	12.52
1952	0.00	.72	.60	.58	.05	1.22	1.56	.92	.11	1.12	1.44	0.00	8.32
1953	3.81	1.47	.32	.14	.40	.66	.72	.55	999.90	.59	1.36	2.56	999.90
1954	1.37	1.72	.21	.79	.93	.05	1.54	.97	.57	1.22	1.73	.33	11.43
1955	.05	.69	.46	1.35	.27	.10	.41	.48	.15	1.11	.74	.06	5.87
1956	1.17	.09	.42	1.93	.74	.47	2.23	1.49	.41	1.63	5.28	.07	15.93
1957	3.34	1.90	.38	.66	1.75	1.00	.48	.32	.19	.01	.62	1.17	11.52
1958	.32	.65	.04	.39	.86	.14	.72	.14	.37	.21	2.81	1.14	7.79
1959	.92	.48	1.99	.40	1.72	1.14	.92	.65	.60	.30	.15	.91	10.18
1960	1.28	.41	.56	.08	.13	2.06	1.08	1.88	.03	.32	1.90	2.10	11.83
1961	2.00	.87	.28	.70	1.01	.69	.61	.24	.66	.07	.35	1.15	8.63
1962	.40	.41	.53	1.38	.39	.63	.16	.43	.27	1.58	1.34	.40	7.92
1963	1.82	.68	.08	.12	0.00	.63	1.54	.45	.57	.83	1.64	.96	9.32
1964	0.00	1.24	.75	.96	1.68	1.08	1.47	1.31	1.09	2.26	.70	2.20	14.74
1965	1.60	1.07	2.12	.27	999.90	.15	.77	1.64	1.27	1.82	.98	.40	999.90
1966	1.69	.46	1.49	.38	.09	.26	.08	3.21	1.83	.92	1.20	.91	11.92
1967	.30	.64	2.27	.58	1.24	.84	1.38	.70	.25	.46	1.77	.59	11.02
1968	1.27	.45	.71	1.32	1.34	.91	.36	.44	2.29	1.00	1.44	1.18	12.71
1969	1.39	.88	1.02	.46	.25	3.67	1.23	0.00	1.17	1.31	.63	1.05	13.08
1970	1.12	1.24	.89	.10	.62	.10	.99	.65	0.00	.04	2.32	.30	8.37
1971	2.68	.85	1.53	.06	0.00	0.00	.22	.48	.81	.34	1.09	1.10	9.16
1972	4.84	.99	1.16	999.90	999.90	1.42	1.31	1.48	1.31	.52	1.36	.39	999.90
1973	.36	1.20	.64	1.91	.02	.26	1.73	0.00	.18	1.19	.24	.82	8.55
1974	1.01	1.12	.55	.49	.51	2.25	1.90	.98	.91	.98	.27	.22	11.19
1975	.37	1.54	.55	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	29	29	29	27	26	28	28	28	27	28	28	28	25
MEAN	1.37	.85	.82	.77	.68	.88	1.05	.81	.63	.87	1.34	.86	10.66
STD DEV	1.20	.46	.62	.60	.55	.84	.54	.66	.60	.58	1.04	.64	2.51
CV	.88	.54	.76	.78	.81	.95	.52	.82	.94	.67	.77	.74	.24
STD ERP	.27	.09	.12	.12	.11	.16	.10	.13	.11	.11	.20	.12	.50
MAX	4.84	1.90	2.27	2.11	1.75	3.67	2.23	3.21	2.29	2.26	5.28	2.56	15.93
MIN	0.00	0.09	0.04	0.06	0.00	0.00	0.08	0.00	0.00	0.01	.10	0.00	5.87
RANGE	4.84	1.81	2.23	2.05	1.75	3.67	2.15	3.21	2.29	2.25	5.18	2.56	10.06

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 6b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 3246 GATEWAY 1SW

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1947	7.72	5.69
1948	7.51	6.06
1949	4.85	4.57
1950	1.98	5.78
1951	6.55	5.97
1952	3.17	5.15
1953	6.80	999.90
1954	5.07	6.36
1955	2.92	2.95
1956	4.82	11.11
1957	9.03	2.79
1958	2.40	5.39
1959	6.65	3.53
1960	4.52	7.31
1961	5.55	3.08
1962	3.74	4.18
1963	3.33	5.99
1964	5.71	9.03
1965	999.90	4.88
1966	3.77	3.15
1967	5.87	5.15
1968	6.00	6.71
1969	7.67	5.39
1970	4.07	4.30
1971	5.12	4.04
1972	999.90	6.37
1973	4.39	4.16
1974	5.93	5.26
1975	999.90	999.90
N	26	27
MEAN	5.20	5.53
STD DEV	1.78	1.86
CV	.34	.34
STD ERR	.35	.36
MAX	9.03	11.11
MIN	1.98	2.79
RANGE	7.05	8.32

Table 6c. Absolute and percent relative frequencies of monthly precipitation.

STATION 3246 GATEWAY 1SW

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	9 ( 31.0)	9 ( 31.0)	10 ( 34.5)	12 ( 44.4)	11 ( 42.3)	11 ( 39.3)	6 ( 21.4)	11 ( 39.3)	14 ( 51.9)	9 ( 32.1)	5 ( 17.9)	10 ( 35.7)
.50- .99	1 ( 3.4)	10 ( 34.5)	10 ( 34.5)	7 ( 25.9)	8 ( 30.8)	7 ( 25.0)	6 ( 21.4)	10 ( 35.7)	6 ( 22.2)	6 ( 21.4)	6 ( 21.4)	7 ( 25.0)
1.00- 1.49	10 ( 34.5)	7 ( 24.1)	4 ( 13.8)	5 ( 18.5)	4 ( 15.4)	6 ( 21.4)	10 ( 35.7)	5 ( 17.9)	4 ( 14.8)	9 ( 32.1)	9 ( 32.1)	8 ( 28.6)
1.50- 1.99	3 ( 10.3)	3 ( 10.3)	3 ( 10.3)	2 ( 7.4)	3 ( 11.5)	0 ( 0.0)	5 ( 17.9)	1 ( 3.6)	2 ( 7.4)	3 ( 10.7)	4 ( 14.3)	0 ( 0.0)
2.00- 2.49	1 ( 3.4)	0 ( 0.0)	2 ( 6.9)	1 ( 3.7)	0 ( 0.0)	3 ( 10.7)	1 ( 3.6)	0 ( 0.0)	1 ( 3.7)	1 ( 3.6)	2 ( 7.2)	2 ( 7.1)
2.50- 2.99	1 ( 3.4)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)	1 ( 3.5)
3.00- 3.49	2 ( 6.9)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
3.50- 3.99	1 ( 3.4)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
4.00- 4.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
4.50- 4.99	1 ( 3.4)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
5.00- 5.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)	0 ( 0.0)
TOTALS	29.	29.	29.	27.	26.	28.	28.	28.	27.	28.	28.	28.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH



Table 6d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 3246 GATEWAY 1SW

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
.50- .99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.00- 1.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.50- 1.99	1 ( 3.8)	0 ( 0.0)	0 ( 0.0)
2.00- 2.49	1 ( 3.8)	0 ( 0.0)	0 ( 0.0)
2.50- 2.99	1 ( 3.8)	2 ( 7.4)	0 ( 0.0)
3.00- 3.49	2 ( 7.7)	1 ( 3.7)	0 ( 0.0)
3.50- 3.99	2 ( 7.7)	1 ( 3.7)	0 ( 0.0)
4.00- 4.49	2 ( 7.7)	4 ( 14.8)	0 ( 0.0)
4.50- 4.99	3 ( 11.5)	2 ( 7.4)	0 ( 0.0)
5.00- 5.49	2 ( 7.7)	5 ( 18.5)	0 ( 0.0)
5.50- 5.99	5 ( 19.2)	4 ( 14.8)	1 ( 4.0)
6.00- 6.49	0 ( 0.0)	3 ( 11.1)	0 ( 0.0)
6.50- 6.99	3 ( 11.5)	1 ( 3.7)	0 ( 0.0)
7.00- 7.49	0 ( 0.0)	1 ( 3.7)	0 ( 0.0)

Table 6d. (continued)

STATION 3246 GATEWAY 1SW

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	3 ( 11.5)	0 ( 0.0)	3 ( 12.0)
8.00- 8.49	0 ( 0.0)	1 ( 3.7)	2 ( 8.0)
8.50- 8.99	0 ( 0.0)	0 ( 0.0)	2 ( 8.0)
9.00- 9.49	1 ( 3.7)	1 ( 3.7)	3 ( 12.0)
9.50- 9.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
10.00-10.49	0 ( 0.0)	0 ( 0.0)	1 ( 4.0)
10.50-10.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
11.00-11.49	0 ( 0.0)	1 ( 3.7)	3 ( 12.0)
11.50-11.99	0 ( 0.0)	0 ( 0.0)	3 ( 12.0)
12.00-12.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
12.50-12.99	0 ( 0.0)	0 ( 0.0)	2 ( 8.0)
13.00-13.49	0 ( 0.0)	0 ( 0.0)	2 ( 8.0)
13.50-13.99	0 ( 0.0)	0 ( 0.0)	1 ( 4.0)
14.00-14.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
14.50-14.99	0 ( 0.0)	0 ( 0.0)	1 ( 4.0)

Table 6d. (continued)

STATION 3246 GATEWAY 1SW

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
15.00-15.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
15.50-15.99	0 ( 0.0)	0 ( 0.0)	1 ( 4.0)
16.00-16.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	26.0	27.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 6e. Percent relative frequencies for period 1, period 2, and water year precipitation.

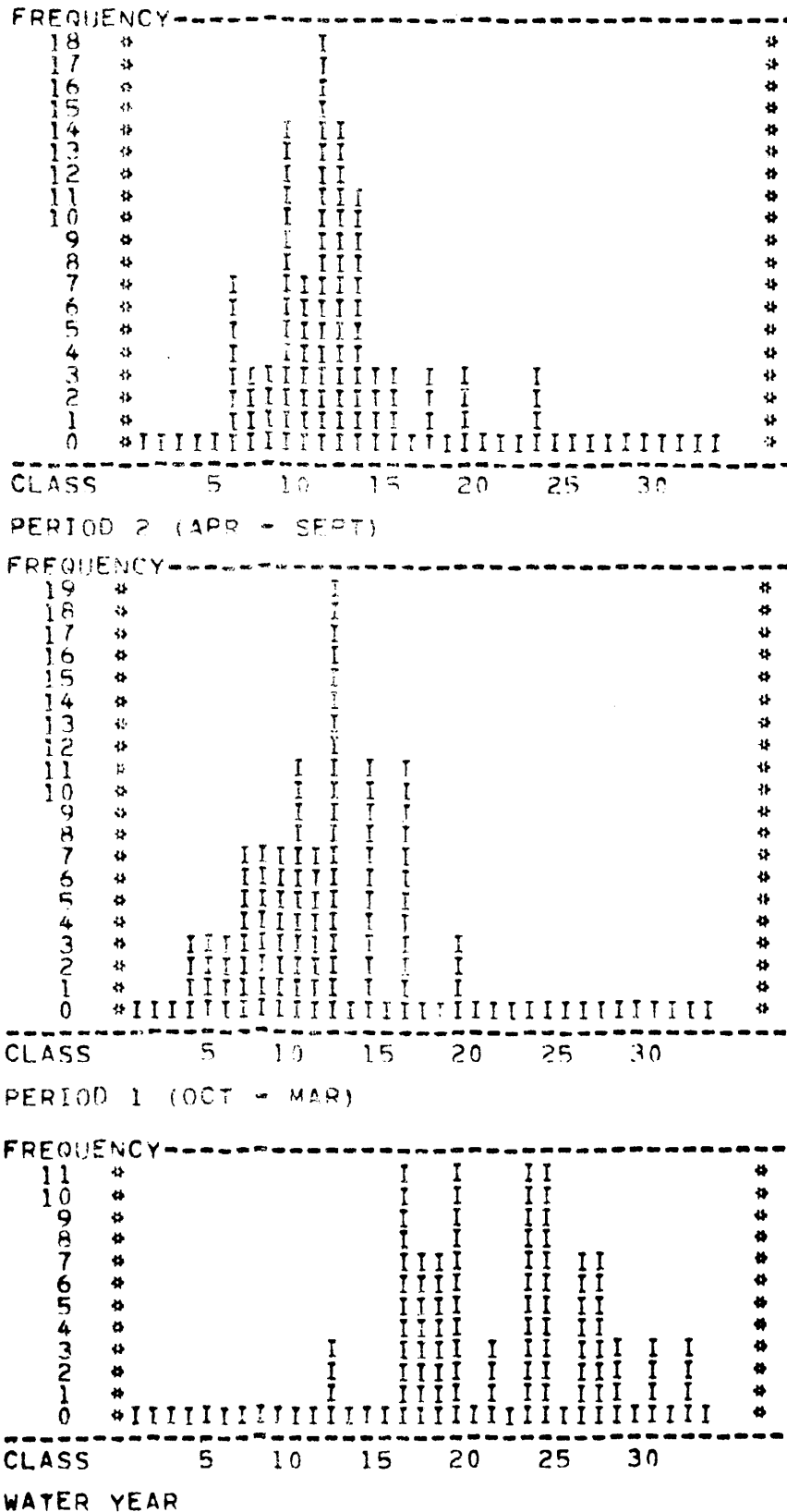


Table 6f. Probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)

3246 GATEWAY 1SW  
PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	WATER YEAR
.05	0.00	.22	.10	.09	0.00	.02	.24	0.00	0.00	.08	.20	.07	6.91
.10	0.00	.30	.17	.15	.04	.08	.34	.15	.04	.14	.31	.17	7.61
.20	.34	.42	.28	.25	.16	.20	.49	.32	.15	.26	.51	.31	8.52
.30	.58	.53	.40	.36	.27	.33	.63	.45	.25	.38	.69	.43	9.22
.40	.81	.64	.52	.48	.38	.47	.77	.57	.36	.51	.89	.56	9.85
.50	1.07	.75	.65	.61	.51	.63	.91	.70	.48	.66	1.10	.70	10.46
.60	1.37	.88	.81	.76	.66	.83	1.08	.85	.62	.84	1.34	.86	11.10
.70	1.73	1.03	1.00	.94	.85	1.07	1.27	1.02	.79	1.06	1.64	1.05	11.81
.80	2.22	1.22	1.26	1.20	1.11	1.42	1.53	1.24	1.03	1.37	2.04	1.31	12.68
.90	3.01	1.53	1.69	1.62	1.54	1.99	1.93	1.60	1.42	1.89	2.69	1.72	13.95
.95	3.78	1.82	2.10	2.03	1.96	2.56	2.32	1.94	1.80	2.39	3.32	2.12	15.07
ALPHA	1.59	2.78	1.57	1.46	1.34	1.16	2.52	2.33	1.36	1.30	1.76	1.82	18.27
BETA	.96	.31	.52	.53	.55	.79	.42	.37	.50	.67	.76	.48	.58
Q	.10	0.00	0.00	0.00	.08	.04	0.00	.07	.07	0.00	0.00	.03	0.00
N	26	29	29	27	24	27	28	26	25	28	28	28	25

MIXED GAMMA DISTRIBUTION FITTED TO DATA  
 ALPHA= SHAPE PARAMETER      BETA= SCALE PARAMETER  
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS  
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

Table 7a. Time series and statistical summary of monthly and water year precipitation.

STATION 3488 GRANDJUNCTION WSO AP

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1899	2.67	.08	.76	.14	.14	.13	1.26	.06	.04	.09	.19	1.18	6.74
1900	.14	.27	0.00	.45	.25	.98	1.65	1.29	.50	.13	2.36	0.00	8.02
1901	.35	.02	.21	.37	.44	.45	.13	.37	.04	.81	.77	.85	4.81
1902	.43	1.10	.50	.15	1.05	.73	.78	1.21	1.22	.67	.02	.69	8.55
1903	.07	.01	.02	.33	.71	.64	.26	1.39	.25	.54	1.00	.65	5.87
1904	.49	0.00	.37	1.01	1.37	1.18	1.24	1.98	.04	.16	.33	1.69	9.86
1905	.27	.75	.23	.40	1.40	1.45	1.78	2.74	.04	.34	.56	1.43	10.39
1906	.50	1.23	.74	.44	1.06	1.14	.34	1.21	.60	.62	1.62	.45	9.95
1907	1.48	.10	.35	.43	.71	.14	.48	.56	.62	.87	.86	.65	7.25
1908	3.43	.27	1.21	.66	.34	.02	1.14	.45	.10	.50	.86	1.13	10.11
1909	.04	1.05	.67	.38	.14	.11	.32	.26	.25	.96	.60	.92	5.70
1910	1.26	1.30	1.11	.48	1.29	.54	.62	.03	.64	.84	.35	1.30	9.76
1911	1.53	.60	.20	.44	1.10	2.36	.36	.38	1.37	.78	1.35	1.03	9.50
1912	1.24	.46	.17	.62	1.22	.37	.23	.12	1.37	.31	.22	1.70	7.03
1913	.22	1.15	.75	1.13	.49	.46	.92	.62	1.10	.86	1.74	.30	9.74
1914	1.89	.02	.26	.77	.53	.10	1.41	1.23	.92	.16	.51	.95	8.75
1915	.01	.71	1.15	1.18	.45	.71	.20	1.05	0.00	.76	2.16	.50	8.88
1916	2.12	.34	.27	.73	.10	.32	1.59	1.45	.01	.28	.38	1.00	8.59
1917	0.00	.02	.12	1.18	.33	1.18	.43	.05	.33	.78	1.28	.97	6.67
1918	.87	.75	.85	.05	.36	.87	.61	.54	.06	.46	.63	1.17	7.22
1919	.75	1.89	.75	.66	.83	1.39	1.09	.80	.39	.17	.64	.98	10.35
1920	1.29	.67	.38	.21	.32	.28	1.16	1.12	.63	1.38	3.65	.04	11.13
1921	.66	.42	.74	.58	.62	.65	.45	.40	.09	.40	2.00	.38	7.39
1922	.25	.38	.71	.70	.19	1.80	.84	.62	.02	.62	1.86	.71	8.70
1923	.66	.85	.98	.35	.09	.94	.87	1.69	.01	.57	1.12	.97	9.10
1924	1.21	.40	1.54	.48	.52	.74	.74	.36	.32	.97	2.20	.52	10.00
1925	2.50	.23	.64	.41	.54	.65	1.11	.93	.06	.99	1.06	.67	9.79
1926	.74	.26	1.78	.84	1.30	1.70	.20	.54	1.81	.58	1.45	3.29	14.49
1927	.60	.52	.91	.27	.19	1.24	.19	1.29	.84	.41	1.10	.61	8.17
1928	3.15	1.09	1.12	.45	.79	1.02	.49	.45	.08	.72	.99	2.16	15.01
1929	.41	.74	.10	1.73	.45	.36	.84	1.50	.31	.99	.86	.70	8.99
1930	.62	1.02	.11	.10	.81	.63	1.34	.44	.26	.74	.40	1.87	8.34
1931	1.07	1.31	.42	.31	.54	.76	1.24	.16	.45	1.85	1.09	.11	9.31
1932	.17	0.00	.89	.54	.27	.31	.32	.54	.25	1.50	.43	1.04	6.26
1933	.32	.66	.34	.41	1.36	.09	.55	1.48	.09	.30	1.45	.72	7.77
1934	.03	1.04	.58	.77	.46	.60	1.25	.77	.09	.10	1.15	.82	7.66
1935	.13	.44	.82	.22	1.02	.57	.45	.24	.74	1.60	1.13	.72	8.08
1936	.22	.21	.57	999.90	.66	.67	.22	.30	.14	.94	1.00	.93	999.90
1937	.24	.42	1.63	.58	.31	1.10	.74	.81	.98	.14	.69	2.41	10.75
1938	.30	.07	1.12	.95	.83	1.04	.05	.34	.11	.34	.68	2.37	8.20

Table 7a. (continued)

STATION 3488 GRANDJUNCTION WSO AP

YEAR	.OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1939	.44	.30	.13	1.43	1.04	.88	.98	0.00	.07	.64	.28	2.35	8.54
1940	1.41	.83	1.07	.77	.93	1.70	1.31	1.03	.78	.35	1.51	2.90	14.59
1941	2.73	.26	.49	.19	1.17	.56	1.26	1.15	.01	1.15	.84	.41	9.22
1942	.53	.13	.08	.15	.42	1.53	.20	1.04	.77	.09	1.98	.31	7.23
1943	.46	.29	.26	.27	.61	.88	1.67	.59	.59	.75	.10	0.00	6.47
1944	.50	.98	.24	.26	.53	.64	1.25	.45	1.32	.40	1.63	.10	8.90
1945	.71	.24	.53	.23	.33	.29	.72	1.25	.07	.35	1.68	.12	6.52
1946	.82	1.46	.80	.40	.11	.60	.59	.41	1.38	.09	1.27	.26	8.19
1947	1.98	.69	.49	.50	1.56	1.54	.48	.22	1.64	.86	1.78	.46	11.20
1948	.57	.70	.70	1.33	.40	1.75	.74	.74	.53	.91	1.32	1.72	10.41
1949	.72	.15	.31	1.40	.47	.42	.54	.46	.01	.21	1.00	.05	6.74
1950	0.00	.32	.30	.78	.83	.25	.56	.64	.29	.19	1.16	.32	5.63
1951	1.27	.25	1.89	.48	.38	.70	.57	.44	.26	.26	1.25	.39	8.14
1952	0.00	.52	.56	.53	.16	1.20	.71	.42	.17	.19	2.81	0.00	7.27
1953	1.48	1.22	.34	.35	.27	.87	.52	.54	.39	.40	.59	.51	9.48
1954	.83	1.69	.36	.61	1.05	.17	1.13	1.30	.24	.48	.85	.38	9.09
1955	.02	.34	.18	1.07	1.70	.07	1.24	1.26	.30	.53	.04	.01	3.76
1956	.54	.18	.47	2.46	.63	.73	1.51	1.79	.61	.57	3.48	.09	13.06
1957	2.24	1.15	.43	.55	.70	.84	.06	.34	.76	.06	.70	1.34	9.17
1958	.33	.52	.11	.36	.90	.10	.45	.30	.09	.08	.98	.82	5.13
1959	.66	.50	.88	.33	1.26	1.06	.74	.35	.17	.13	.47	.65	7.20
1960	.49	.39	.20	0.00	1.18	1.47	.85	1.11	0.00	.03	1.63	2.22	8.57
1961	.70	.66	.63	.39	1.09	.28	.97	.17	.30	.08	1.15	1.41	6.83
1962	.46	.36	.36	.89	.47	.55	.12	.01	.61	.93	1.75	.48	7.09
1963	.60	.36	.45	.47	.02	.70	1.37	.41	.16	.65	1.16	.36	6.71
1964	0.00	1.05	.53	.66	.94	.87	1.95	1.35	1.33	.89	.67	2.52	12.76
1965	1.40	.82	.76	.65	.44	.04	.83	.71	.13	.31	.52	.26	6.87
1966	1.23	.62	1.78	.25	.22	.18	.08	1.52	1.34	1.03	.59	.37	9.21
1967	.63	.33	1.14	.26	1.13	.44	.67	1.14	1.05	.49	1.37	.07	7.72
1968	.94	.42	.47	1.03	.40	.67	.33	.45	2.07	.21	.88	1.45	9.32
1969	2.01	.45	.36	.52	.05	1.75	.76	0.00	.91	.60	.44	.78	8.63
1970	1.56	.54	.39	.19	.13	.02	.42	1.10	.03	.15	1.02	.58	6.13
1971	1.13	.56	.67	.20	0.00	.02	.11	.44	.64	.03	.29	.72	4.81
1972	3.45	.69	.74	.79	.12	.65	.66	1.45	.87	.52	.62	.33	11.09
1973	.20	.91	.62	1.20	.40	.81	1.03	.01	.14	1.53	.48	.38	7.71
1974	.72	1.18	.32	.53	.49	1.74	1.38	1.23	.43	1.39	.09	.16	9.66
1975	.85	.39	.50	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	77	77	77	75	76	76	76	76	76	76	76	76	75
MEAN	.91	.59	.61	.60	.58	.76	.76	.73	.46	.61	1.03	.89	8.55
STD DEV	.82	.42	.42	.42	.39	.52	.47	.53	.46	.48	.74	.76	2.17
CV	.90	.72	.70	.70	.67	.69	.62	.75	1.01	.79	.72	.83	.25
STD ERR	.69	.05	.05	.05	.04	.06	.05	.06	.05	.06	.08	.09	.25
MAX	3.45	1.89	1.89	2.46	1.56	2.36	1.95	2.74	2.07	2.72	3.65	3.29	15.01
MIN	0.00	0.00	0.00	0.00	0.00	0.02	.05	0.00	0.00	0.03	.02	0.00	3.76
RANGE	3.45	1.89	1.89	2.46	1.56	2.34	1.90	2.74	2.07	2.69	3.63	3.29	11.25

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 7b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 3488 GRANDJUNCTION WSO AP

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1899	3.92	2.82
1900	2.09	5.93
1901	1.84	2.97
1902	3.96	4.59
1903	1.78	4.09
1904	4.42	5.44
1905	3.50	6.89
1906	5.11	4.84
1907	3.21	4.04
1908	5.93	4.18
1909	2.39	3.31
1910	5.98	3.78
1911	5.23	4.27
1912	4.08	2.65
1913	4.20	3.54
1914	3.57	5.18
1915	4.21	4.67
1916	3.88	4.71
1917	2.83	3.84
1918	3.75	3.47
1919	6.28	4.07
1920	3.15	7.98
1921	3.67	3.72
1922	4.03	4.67
1923	3.87	5.23
1924	4.89	5.11
1925	4.97	4.82
1926	6.62	7.87
1927	3.73	4.44
1928	8.12	6.89
1929	3.79	5.20
1930	3.29	5.05
1931	4.41	4.90
1932	2.18	4.08
1933	3.18	4.59
1934	3.48	4.18
1935	3.20	4.88
1936	9.90	3.53
1937	4.98	5.77
1938	4.31	3.89



Table 7b. (continued)

STATION 3488 GRANDJUNCTION WSO AP

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1939	4.22	4.32
1940	6.71	7.88
1941	5.40	3.82
1942	2.84	4.39
1943	2.77	3.70
1944	3.15	5.15
1945	2.33	4.19
1946	4.19	4.00
1947	6.76	4.44
1948	5.45	4.96
1949	3.47	3.27
1950	2.48	3.15
1951	4.97	3.17
1952	2.97	4.30
1953	4.53	4.95
1954	4.71	4.38
1955	2.38	1.38
1956	5.01	3.05
1957	5.91	3.26
1958	2.32	2.81
1959	4.69	2.51
1960	2.73	5.84
1961	3.75	3.08
1962	3.19	3.90
1963	2.60	4.11
1964	4.05	3.71
1965	4.11	2.76
1966	4.28	4.93
1967	3.93	3.79
1968	3.93	5.39
1969	5.14	3.49
1970	2.83	3.30
1971	2.58	2.23
1972	6.44	4.65
1973	4.14	3.57
1974	4.98	4.68
1975	999.90	999.90
N	75	76
MEAN	4.05	4.49
STD DEV	1.30	1.38
CV	.32	.31
STD ERR	.15	.16
MAX	8.12	8.71
MIN	1.78	1.38
RANGE	6.34	7.33

Table 7c. Absolute and percent relative frequencies of monthly precipitation.

STATION 3488 GRANDJUNCTION WSO AP

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	27 ( 35.1)	38 ( 49.4)	37 ( 48.1)	38 ( 50.7)	40 ( 52.6)	25 ( 32.9)	27 ( 35.5)	35 ( 46.1)	47 ( 61.8)	35 ( 46.1)	19 ( 25.0)	28 ( 36.8)
.50- .99	25 ( 32.5)	23 ( 29.9)	28 ( 36.4)	25 ( 33.3)	21 ( 27.6)	30 ( 39.5)	26 ( 34.2)	15 ( 19.7)	20 ( 26.3)	31 ( 40.8)	22 ( 28.9)	24 ( 31.6)
1.00- 1.49	12 ( 15.6)	14 ( 18.2)	7 ( 9.1)	10 ( 13.3)	14 ( 18.4)	12 ( 15.8)	17 ( 22.4)	20 ( 26.3)	7 ( 9.2)	5 ( 6.6)	18 ( 23.7)	11 ( 14.5)
1.50- 1.99	4 ( 5.2)	2 ( 2.6)	5 ( 6.5)	1 ( 1.3)	1 ( 1.3)	8 ( 10.5)	6 ( 7.9)	5 ( 6.6)	1 ( 1.3)	4 ( 5.3)	10 ( 13.2)	4 ( 5.3)
2.00- 2.49	3 ( 3.9)	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)	0 ( 0.0)	1 ( 1.3)	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)	0 ( 0.0)	4 ( 5.3)	5 ( 6.6)
2.50- 2.99	3 ( 3.9)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)	0 ( 0.0)	1 ( 1.3)	1 ( 1.3)	3 ( 3.9)
3.00- 3.49	3 ( 3.9)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)	1 ( 1.3)
3.50- 3.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)	0 ( 0.0)
TOTALS	77.	77.	77.	75.	76.	76.	76.	76.	76.	76.	76.	76.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 7d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 3488 GRANDJUNCTION WSO AP

INTERVAL	ABSOLUTE AND PERCENT RELATIVE FREQUENCIES		
	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
.50- .99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.00- 1.49	0 ( 0.0)	1 ( 1.3)	0 ( 0.0)
1.50- 1.99	2 ( 2.7)	0 ( 0.0)	0 ( 0.0)
2.00- 2.49	7 ( 9.3)	1 ( 1.3)	0 ( 0.0)
2.50- 2.99	8 ( 10.7)	6 ( 7.9)	0 ( 0.0)
3.00- 3.49	10 ( 13.3)	9 ( 11.8)	0 ( 0.0)
3.50- 3.99	12 ( 16.0)	11 ( 14.5)	1 ( 1.3)
4.00- 4.49	13 ( 17.3)	15 ( 19.7)	0 ( 0.0)
4.50- 4.99	8 ( 10.7)	14 ( 18.4)	2 ( 2.7)
5.00- 5.49	6 ( 8.0)	8 ( 10.5)	1 ( 1.3)
5.50- 5.99	3 ( 4.0)	4 ( 5.3)	3 ( 4.0)
6.00- 6.49	2 ( 2.7)	0 ( 0.0)	3 ( 4.0)
6.50- 6.99	3 ( 4.0)	2 ( 2.6)	7 ( 9.3)
7.00- 7.49	0 ( 0.0)	0 ( 0.0)	8 ( 10.7)

Table 7d. (continued)

STATION 3488 GRANDJUNCTION WSO AP

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	0 ( 0.0)	3 ( 3.9)	4 ( 5.3)
8.00- 8.49	1 ( 1.3)	1 ( 1.3)	8 ( 10.7)
8.50- 8.99	0 ( 0.0)	1 ( 1.3)	9 ( 12.0)
9.00- 9.49	0 ( 0.0)	0 ( 0.0)	9 ( 12.0)
9.50- 9.99	0 ( 0.0)	0 ( 0.0)	7 ( 9.3)
10.00-10.49	0 ( 0.0)	0 ( 0.0)	4 ( 5.3)
10.50-10.99	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)
11.00-11.49	0 ( 0.0)	0 ( 0.0)	3 ( 4.0)
11.50-11.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
12.00-12.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
12.50-12.99	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)
13.00-13.49	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)
13.50-13.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
14.00-14.49	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)
14.50-14.99	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)

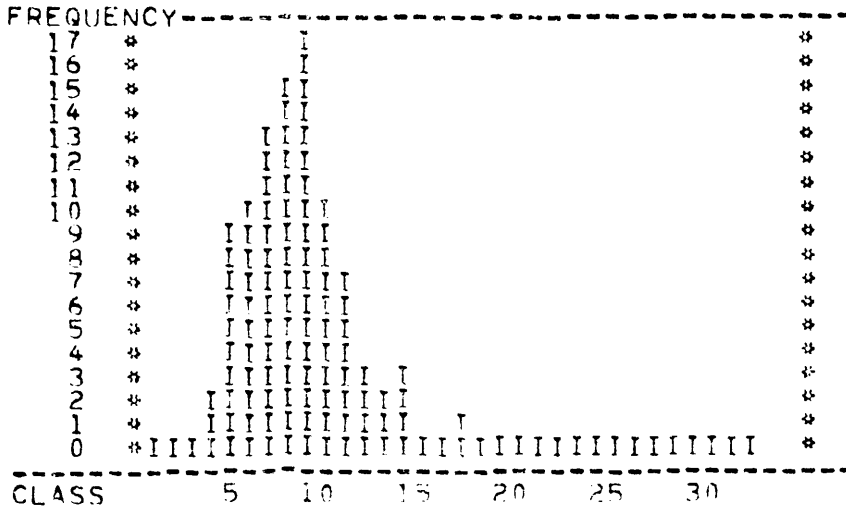
Table 7d. (continued)

STATION 3488 GRANDJUNCTION WSO AP

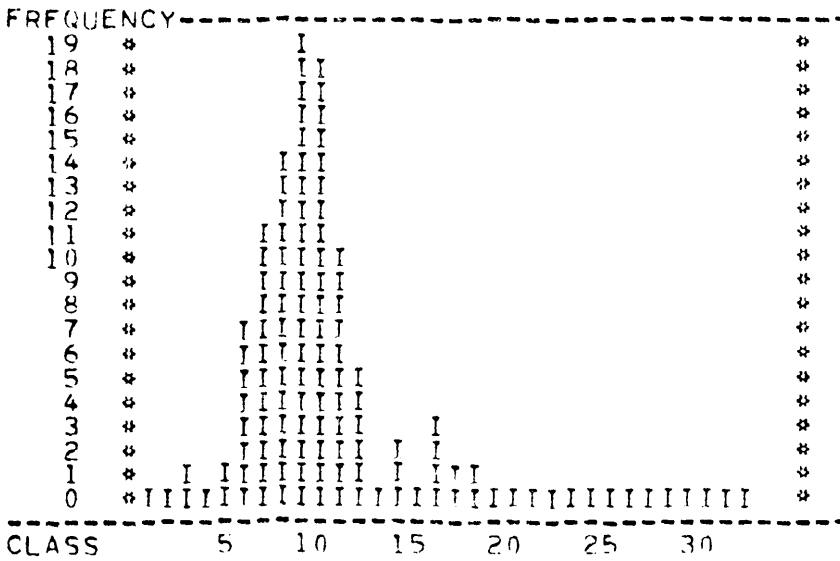
INTERVAL	ABSOLUTE AND PERCENT RELATIVE FREQUENCIES		
	PERIOD 1	PERIOD 2	WATER YEAR
15.00-15.49	0 ( 0.0)	0 ( 0.0)	1 ( 1.3)
15.50-15.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	75.0	76.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

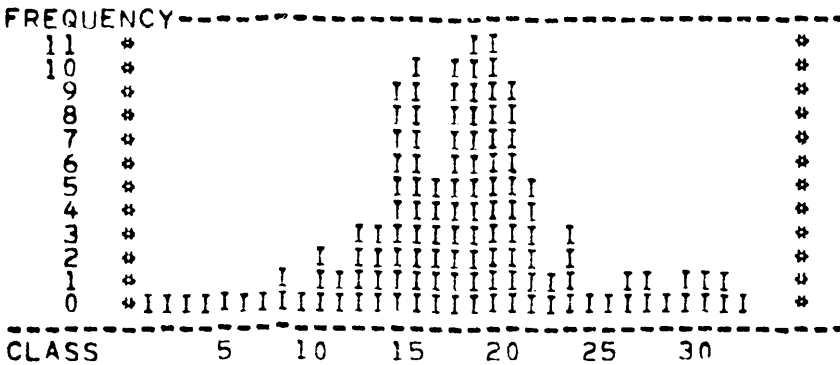
Table 7e. Percent relative frequencies for period 1, period 2, and water year precipitation.



PERIOD 1 (OCT - MAR)



PERIOD 2 (APR - SEPT)



WATER YEAR

Table 7f. Probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)

3488 GRANDJUNCTION WSO AP													
PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN													
PROB. LEVEL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	WATER YEAR
.05	0.00	.05	.09	.12	.09	.09	.14	.05	.01	.07	.15	.03	5.38
.10	.08	.11	.15	.18	.14	.14	.21	.12	.03	.12	.24	.11	5.96
.20	.22	.20	.24	.27	.23	.25	.32	.23	.08	.21	.38	.24	6.74
.30	.35	.29	.33	.35	.31	.35	.42	.33	.14	.29	.53	.37	7.33
.40	.50	.38	.41	.43	.39	.47	.53	.45	.21	.38	.68	.52	7.87
.50	.66	.48	.51	.52	.48	.59	.64	.57	.30	.48	.84	.68	8.40
.60	.85	.59	.61	.62	.59	.74	.77	.72	.40	.60	1.03	.87	8.95
.70	1.09	.73	.74	.73	.71	.92	.93	.90	.55	.75	1.26	1.10	9.56
.80	1.43	.93	.91	.88	.88	1.17	1.14	1.15	.75	.95	1.57	1.42	10.31
.90	1.98	1.24	1.18	1.13	1.15	1.58	1.47	1.56	1.09	1.27	2.05	1.96	11.42
.95	2.52	1.54	1.44	1.35	1.40	1.98	1.79	1.95	1.45	1.59	2.57	2.49	12.39
ALPHA	1.28	1.62	2.02	2.42	1.94	1.46	2.07	1.48	.89	1.52	1.72	1.34	15.96
BETA	.73	.38	.30	.25	.30	.52	.37	.51	.52	.40	.60	.69	.54
Q	.05	.03	.01	.01	.01	0.00	0.00	.03	.03	0.00	0.00	.04	0.00
N	72	74	75	74	75	76	76	74	74	76	76	73	74

MIXED GAMMA DISTRIBUTION FITTED TO DATA  
 ALPHA = SHAPE PARAMETER      BETA = SCALE PARAMETER  
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS  
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

Table 8a. Time series and statistical summary of monthly and water year precipitation.

STATION 3489 GRAND JUNCTION 6 ESE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1962	.51	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	.78	3.22	.74	999.90
1963	1.06	.41	999.90	.32	0.00	.56	.95	.23	.08	.40	1.49	.82	999.90
1964	0.00	.94	.57	.54	.85	1.56	1.59	1.60	.99	1.40	.66	2.76	13.46
1965	1.51	.83	.73	.41	.23	0.00	.96	.77	.14	.36	1.27	.32	7.53
1966	.72	.61	999.90	.16	.28	.07	.01	1.95	.80	1.27	.57	.42	999.90
1967	.31	.37	1.23	999.90	1.34	.22	.61	.16	.01	.94	2.11	.10	999.90
1968	.67	.35	.59	999.90	.43	1.04	.06	.42	1.70	.34	.68	.75	999.90
1969	1.91	.55	.41	.60	0.00	2.41	.57	0.00	.91	.64	.10	.88	6.98
1970	1.33	.62	.49	999.90	.20	.05	.59	.95	.08	.25	.78	.44	999.90
1971	1.16	.78	999.90	999.90	0.00	.02	.17	.34	.70	.05	.35	.64	999.90
1972	3.28	.59	999.90	999.90	.30	999.90	1.06	2.30	1.03	.75	.82	.45	999.90
1973	.25	1.21	.82	.52	.39	.80	.85	0.00	.12	.93	.68	.32	6.89
1974	.81	1.40	999.90	999.90	999.90	999.90	1.27	1.06	.51	1.14	999.90	.23	999.90
1975	.94	999.90	.23	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	14	12	8	6	11	10	12	12	12	13	12	13	4
MEAN	1.03	.72	.63	.42	.37	.67	.72	.81	.59	.71	1.06	.70	9.21
STD DEV	.83	.33	.30	.16	.41	.80	.49	.78	.52	.42	.87	.67	2.96
CV	.80	.46	.48	.39	1.11	1.19	.67	.96	.89	.59	.82	.95	3.32
STD ERR	.22	.09	.11	.07	.12	.25	.14	.22	.15	.12	.25	.19	1.48
MAX	3.28	1.40	1.23	.60	1.34	2.41	1.59	2.30	1.70	1.40	3.22	2.76	13.46
MIN	0.00	.35	.23	.16	0.00	0.00	.01	0.00	.01	.05	.10	.10	6.89
RANGE	3.28	1.05	1.00	.44	1.34	2.41	1.58	2.30	1.69	1.35	3.12	2.66	6.57

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA



Table 8b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 3489 GRAND JUNCTION 6 ESE

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1962	999.90	999.90
1963	999.90	3.97
1964	4.46	6.00
1965	3.71	3.82
1966	999.90	5.02
1967	999.90	3.93
1968	999.90	3.95
1969	5.88	3.10
1970	999.90	3.09
1971	999.90	2.45
1972	999.90	6.41
1973	3.99	2.90
1974	999.90	999.90
1975	999.90	999.90
N	4	11
MEAN	4.51	4.33
STD DEV	.96	1.90
CV	.21	.44
STD ERR	.48	.57
MAX	5.88	9.00
MIN	3.71	2.45
RANGE	2.17	6.55

Table 8c. Absolute and percent relative frequencies of monthly precipitation.

STATION 3489 GRAND JUNCTION 6 ESE

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	3 ( 21.4)	3 ( 25.0)	3 ( 37.5)	3 ( 50.0)	9 ( 81.8)	5 ( 50.0)	3 ( 25.0)	6 ( 50.0)	5 ( 41.7)	5 ( 38.5)	2 ( 16.7)	7 ( 53.8)
.50- .99	5 ( 35.7)	7 ( 58.3)	4 ( 50.0)	3 ( 50.0)	1 ( 9.1)	2 ( 20.0)	6 ( 50.0)	2 ( 16.7)	5 ( 41.7)	5 ( 38.5)	6 ( 50.0)	5 ( 38.5)
1.00- 1.49	3 ( 21.4)	2 ( 16.7)	1 ( 12.5)	0 ( 0.0)	1 ( 9.1)	1 ( 10.0)	2 ( 16.7)	1 ( 8.3)	1 ( 8.3)	3 ( 23.1)	2 ( 16.7)	0 ( 0.0)
1.50- 1.99	2 ( 14.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 10.0)	1 ( 8.3)	2 ( 16.7)	1 ( 8.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
2.00- 2.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 10.0)	0 ( 0.0)	1 ( 8.3)	0 ( 0.0)	0 ( 0.0)	1 ( 8.3)	0 ( 0.0)
2.50- 2.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 7.7)
3.00- 3.49	1 ( 7.1)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 8.3)	0 ( 0.0)
TOTALS	14.	12.	8.	6.	11.	10.	12.	12.	12.	13.	12.	13.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 8d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 3489 GRAND JUNCTION 6 ESE

INTERVAL	ABSOLUTE AND PERCENT RELATIVE FREQUENCIES		
	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
.50- .99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.00- 1.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.50- 1.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
2.00- 2.49	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)
2.50- 2.99	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)
3.00- 3.49	0 ( 0.0)	2 ( 18.2)	0 ( 0.0)
3.50- 3.99	2 ( 50.0)	4 ( 36.4)	0 ( 0.0)
4.00- 4.49	1 ( 25.0)	0 ( 0.0)	0 ( 0.0)
4.50- 4.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
5.00- 5.49	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)
5.50- 5.99	1 ( 25.0)	0 ( 0.0)	0 ( 0.0)
6.00- 6.49	0 ( 0.0)	1 ( 9.1)	0 ( 0.0)
6.50- 6.99	0 ( 0.0)	0 ( 0.0)	1 ( 25.0)
7.00- 7.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)

Table 8d. (continued)

STATION 3489 GRAND JUNCTION 6 ESE

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	0 ( 0.0)	0 ( 0.0)	1 ( 25.0)
8.00- 8.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
8.50- 8.99	0 ( 0.0)	1 ( 9.1)	1 ( 25.0)
9.00- 9.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
9.50- 9.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
10.00-10.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
10.50-10.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
11.00-11.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
11.50-11.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
12.00-12.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
12.50-12.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
13.00-13.49	0 ( 0.0)	0 ( 0.0)	1 ( 25.0)
13.50-13.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	4.0	11.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 8e. Percent relative frequencies for period 1, period 2, and water year precipitation.

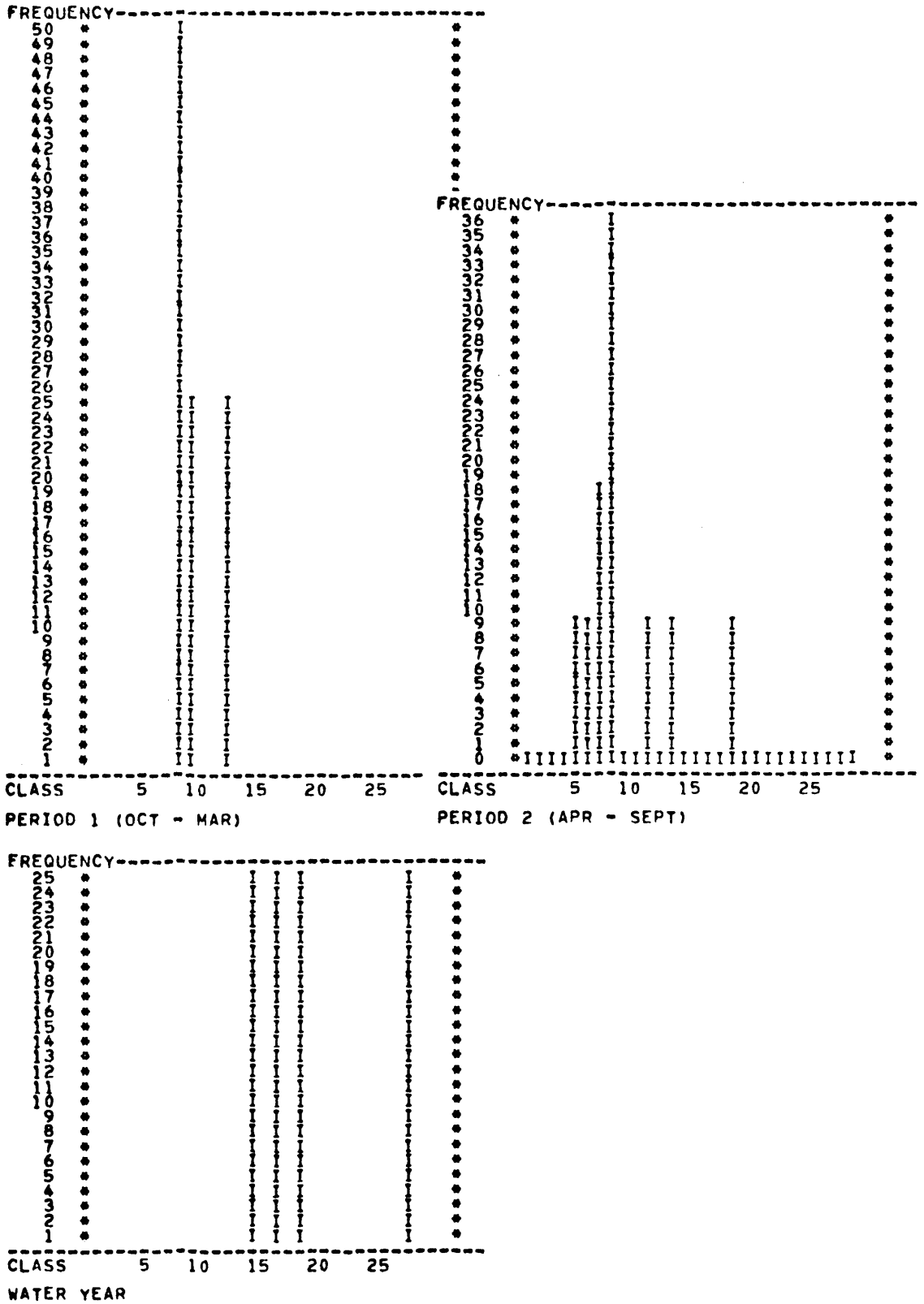


Table 8f. Probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)

PROB. LEVEL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	WATER YEAR
.05	0.00	.31	0.00	0.00	0.00	0.00	.05	0.00	.02	.12	.11	.12	0.00
.10	.19	.37	0.00	0.00	0.00	0.00	.10	0.00	.05	.18	.19	.19	0.00
.20	.41	.46	0.00	0.00	0.00	0.00	.19	.12	.11	.28	.33	.30	0.00
.30	.56	.54	0.00	0.00	0.00	0.00	.29	.28	.18	.37	.47	.40	0.00
.40	.74	.61	0.00	0.00	0.00	0.00	.40	.43	.27	.46	.62	.50	0.00
.50	.90	.68	0.00	0.00	0.00	0.00	.53	.59	.38	.57	.78	.62	0.00
.60	1.08	.76	0.00	0.00	0.00	0.00	.69	.77	.51	.68	.97	.75	0.00
.70	1.30	.85	0.00	0.00	0.00	0.00	.89	.99	.68	.83	1.21	.91	0.00
.80	1.58	.96	0.00	0.00	0.00	0.00	1.16	1.29	.92	1.01	1.53	1.13	0.00
.90	2.03	1.13	0.00	0.00	0.00	0.00	1.62	1.77	1.33	1.32	2.07	1.47	0.00
.95	2.45	1.28	0.00	0.00	0.00	0.00	2.08	2.24	1.76	1.61	2.58	1.81	0.00
ALPHA	2.41	5.67	0.00	0.00	0.00	0.00	1.15	1.54	.90	1.98	1.49	1.88	0.00
BETA	.46	.13	0.00	0.00	0.00	0.00	.63	.59	.63	.34	.66	.40	0.00
Q	.07	0.00	0.00	0.00	.27	.10	0.00	.15	0.00	0.00	0.00	0.00	0.00
N	13	12	8	6	8	9	13	11	13	14	13	14	4

MIXED GAMMA DISTRIBUTION FITTED TO DATA  
 ALPHA= SHAPE PARAMETER      BETA= SCALE PARAMETER  
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS  
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

Table 9a. Time series and statistical summary of monthly and water year precipitation.

STATION 3508 GRAND VALLEY

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1965	.67	1.57	1.48	.47	.14	.11	.69	.85	.37	.77	1.04	.35	8.51
1966	1.31	.91	3.13	.75	.29	.25	.71	2.38	2.14	1.65	1.50	.54	15.56
1967	.90	.77	2.03	.56	1.53	.78	1.32	.78	0.00	.69	1.47	.11	10.94
1968	1.03	.68	1.23	3.78	1.17	.04	.57	.27	3.55	.75	.88	4.41	18.31
1969	3.21	1.16	.44	.70	.02	1.85	1.20	0.00	1.59	.84	1.70	2.06	14.77
1970	1.55	2.04	.85	.37	.15	.19	1.76	1.55	.03	.19	1.35	1.63	11.66
1971	2.25	1.06	1.47	0.00	0.00	0.00	.72	1.23	.80	.14	.36	1.53	9.61
1972	3.97	1.08	1.39	.49	.51	1.13	1.17	1.79	2.29	.86	.50	.77	15.95
1973	.41	.70	.80	1.41	.29	.92	1.18	0.00	.34	.59	.68	1.04	8.36
1974	1.09	.81	.78	.58	.83	2.25	1.57	1.69	.53	1.00	.18	.39	11.75
1975	.61	.62	.21	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	11	11	11	10	10	10	10	10	10	10	10	10	10
MEAN	1.55	1.04	1.26	.91	.49	.75	1.09	1.05	1.16	.73	.97	1.29	12.54
STD DEV	1.14	.43	.81	1.07	.52	.79	.40	.81	1.18	.42	.53	1.27	3.42
CV	.74	.42	.65	1.17	1.05	1.06	.37	.77	1.02	.57	.55	.99	.27
STD ERR	.34	.13	.24	.34	.16	.25	.13	.26	.37	.13	.17	.40	1.08
MAX	3.97	2.04	3.13	3.78	1.53	2.25	1.76	2.38	3.55	1.65	1.70	4.41	18.31
MIN	.41	.62	.21	0.00	0.00	0.00	.57	0.00	0.00	.14	.18	.11	8.36
RANGE	3.56	1.42	2.92	3.78	1.53	2.25	1.19	2.38	3.55	1.51	1.52	4.30	9.95

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 9b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 3508 GRAND VALLEY

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1965	4.44	4.07
1966	6.64	8.92
1967	6.57	4.37
1968	7.88	10.43
1969	7.38	7.39
1970	5.15	6.51
1971	4.78	4.83
1972	8.57	7.38
1973	4.53	3.83
1974	6.39	5.36
1975	999.90	999.90
N	10	10
MEAN	6.23	6.31
STD DEV	1.46	2.22
CV	.23	.35
STD ERR	.46	.70
MAX	8.57	10.43
MIN	4.44	3.83
RANGE	4.13	6.60



Table 9c. Absolute and percent relative frequencies of monthly precipitation.

STATION 3508 GRAND VALLY

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	( <sup>1</sup> <sub>9.1</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>2</sup> <sub>18.2</sub> )	( <sup>4</sup> <sub>40.0</sub> )	( <sup>6</sup> <sub>60.0</sub> )	( <sup>5</sup> <sub>50.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>3</sup> <sub>30.0</sub> )	( <sup>4</sup> <sub>40.0</sub> )	( <sup>2</sup> <sub>20.0</sub> )	( <sup>2</sup> <sub>20.0</sub> )	( <sup>3</sup> <sub>30.0</sub> )
.50- .99	( <sup>3</sup> <sub>27.3</sub> )	( <sup>6</sup> <sub>54.5</sub> )	( <sup>3</sup> <sub>27.3</sub> )	( <sup>4</sup> <sub>40.0</sub> )	( <sup>2</sup> <sub>20.0</sub> )	( <sup>2</sup> <sub>20.0</sub> )	( <sup>4</sup> <sub>40.0</sub> )	( <sup>2</sup> <sub>20.0</sub> )	( <sup>2</sup> <sub>20.0</sub> )	( <sup>6</sup> <sub>60.0</sub> )	( <sup>3</sup> <sub>30.0</sub> )	( <sup>2</sup> <sub>20.0</sub> )
1.00- 1.49	( <sup>3</sup> <sub>27.3</sub> )	( <sup>3</sup> <sub>27.3</sub> )	( <sup>4</sup> <sub>36.4</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>4</sup> <sub>40.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>3</sup> <sub>30.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )
1.50- 1.99	( <sup>1</sup> <sub>9.1</sub> )	( <sup>1</sup> <sub>9.1</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>2</sup> <sub>20.0</sub> )	( <sup>3</sup> <sub>30.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>2</sup> <sub>20.0</sub> )	( <sup>2</sup> <sub>20.0</sub> )
2.00- 2.49	( <sup>1</sup> <sub>9.1</sub> )	( <sup>1</sup> <sub>9.1</sub> )	( <sup>1</sup> <sub>9.1</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>2</sup> <sub>20.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )
2.50- 2.99	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )
3.00- 3.49	( <sup>1</sup> <sub>9.1</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>1</sup> <sub>9.1</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )
3.50- 3.99	( <sup>1</sup> <sub>9.1</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )
4.00- 4.49	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>0</sup> <sub>0.0</sub> )	( <sup>1</sup> <sub>10.0</sub> )
TOTALS	11.	11.	11.	10.	10.	10.	10.	10.	10.	10.	10.	10.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 9d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 3508 GRAND VALLEY

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
.50- .99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.00- 1.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.50- 1.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
2.00- 2.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
2.50- 2.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
3.00- 3.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
3.50- 3.99	0 ( 0.0)	1 ( 10.0)	0 ( 0.0)
4.00- 4.49	1 ( 10.0)	2 ( 20.0)	0 ( 0.0)
4.50- 4.99	2 ( 20.0)	1 ( 10.0)	0 ( 0.0)
5.00- 5.49	1 ( 10.0)	1 ( 10.0)	0 ( 0.0)
5.50- 5.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
6.00- 6.49	1 ( 10.0)	0 ( 0.0)	0 ( 0.0)
6.50- 6.99	2 ( 20.0)	1 ( 10.0)	0 ( 0.0)
7.00- 7.49	1 ( 10.0)	2 ( 20.0)	0 ( 0.0)

Table 9d. (continued)

STATION 3508 GRAND VALLEY

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	1 ( 10.0)	0 ( 0.0)	0 ( 0.0)
8.00- 8.49	0 ( 0.0)	0 ( 0.0)	1 ( 10.0)
8.50- 8.99	1 ( 10.0)	1 ( 10.0)	1 ( 10.0)
9.00- 9.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
9.50- 9.99	0 ( 0.0)	0 ( 0.0)	1 ( 10.0)
10.00-10.49	0 ( 0.0)	1 ( 10.0)	0 ( 0.0)
10.50-10.99	0 ( 0.0)	0 ( 0.0)	1 ( 10.0)
11.00-11.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
11.50-11.99	0 ( 0.0)	0 ( 0.0)	2 ( 20.0)
12.00-12.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
12.50-12.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
13.00-13.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
13.50-13.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
14.00-14.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
14.50-14.99	0 ( 0.0)	0 ( 0.0)	1 ( 10.0)

Table 9d. (continued)

STATION 3508 GRAND VALLEY

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
15.00-15.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
15.50-15.99	0 ( 0.0)	0 ( 0.0)	2 ( 20.0)
16.00-16.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
16.50-16.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
17.00-17.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
17.50-17.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
18.00-18.49	0 ( 0.0)	0 ( 0.0)	1 ( 10.0)
18.50-18.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	10.0	10.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH



Table 9f. Probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)

3508 GRAND VALLEY		PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN											
PROB. LEVEL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	WATER YEAR
.05	.33	.51	.29	0.00	0.00	0.00	.53	0.00	0.00	.17	.24	.13	7.73
.10	.47	.59	.40	0.00	0.00	0.00	.63	0.00	.02	.25	.33	.23	8.61
.20	.70	.72	.59	0.00	0.00	0.00	.75	0.00	.17	.38	.47	.42	9.77
.30	.91	.81	.75	0.00	0.00	0.00	.66	0.00	.35	.50	.59	.62	10.66
.40	1.11	.90	.92	0.00	0.00	0.00	.95	0.00	.54	.62	.70	.84	11.47
.50	1.33	.99	1.09	0.00	0.00	0.00	1.04	0.00	.77	.75	.83	1.09	12.26
.60	1.58	1.09	1.29	0.00	0.00	0.00	1.14	0.00	1.05	.69	.96	1.39	13.09
.70	1.88	1.20	1.52	0.00	0.00	0.00	1.26	0.00	1.40	1.07	1.13	1.76	14.02
.80	2.27	1.33	1.83	0.00	0.00	0.00	1.40	0.00	1.90	1.30	1.34	2.27	15.16
.90	2.89	1.54	2.32	0.00	0.00	0.00	1.61	0.00	2.75	1.67	1.67	3.12	16.83
.95	3.49	1.72	2.78	0.00	0.00	0.00	1.80	0.00	3.59	2.02	1.98	3.97	18.30
ALPHA	2.35	7.67	2.49	0.00	0.00	0.00	7.76	0.00	1.05	2.20	2.86	1.28	15.00
BETA	.66	.14	.50	0.00	0.00	0.00	.14	0.00	1.20	.40	.33	1.13	.84
Q	0.00	0.00	0.00	.10	.10	.10	0.00	.18	.09	0.00	0.00	0.00	0.00
N	11	11	11	9	9	9	10	9	10	11	11	11	10

MIXED GAMMA DISTRIBUTION FITTED TO DATA  
 ALPHA = SHAPE PARAMETER      BETA = SCALE PARAMETER  
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS  
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

Table 10a. Time series and statistical summary of monthly and water year precipitation.

STATION 5048 LITTLE HILLS

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1946	2.59	1.57	.18	1.05	.42	.61	1.76	1.32	2.00	1.30	2.02	.80	15.62
1947	2.02	1.24	1.13	.95	1.00	1.77	1.63	.59	1.26	1.41	.82	.41	13.23
1948	.43	.89	1.39	1.87	.07	1.76	1.23	.70	2.07	1.73	.31	1.71	14.16
1949	2.12	.27	.39	1.10	.40	.82	1.00	.89	0.00	1.34	.32	2.12	12.67
1950	.22	.52	.70	.71	.85	.30	1.94	.49	.56	1.06	3.18	.01	10.54
1951	2.54	.90	2.65	.52	.37	1.26	1.73	1.18	1.39	2.34	3.33	.02	15.56
1952	0.00	.47	.73	1.21	.54	1.68	1.69	1.66	.37	2.61	1.66	0.00	12.46
1953	1.02	1.18	.55	1.14	.23	2.14	.56	1.85	.31	.74	1.19	3.01	12.92
1954	.80	.85	.76	.86	1.27	.39	1.29	1.44	1.16	.13	2.35	.47	11.77
1955	.47	1.34	.32	1.50	1.55	.23	1.02	1.58	.07	1.66	.93	0.00	9.67
1956	1.49	.73	1.42	.98	.60	1.75	999.90	1.94	1.56	1.46	4.07	0.00	999.90
1957	2.28	1.74	.76	.33	1.45	1.78	1.03	.43	.02	.49	1.13	1.63	12.07
1958	.05	1.14	.69	.45	1.76	.92	.77	.31	1.19	.65	1.53	1.92	11.38
1959	.95	.09	.65	.33	1.32	1.39	.74	1.80	.96	.31	1.60	.99	10.13
1960	.89	1.02	.50	.06	.57	1.64	1.58	2.25	.46	.47	1.42	5.29	16.15
1961	1.26	.85	.58	.65	3.09	.29	1.62	.58	.11	.17	1.01	1.01	10.67
1962	.25	.75	.78	.19	.20	.46	1.17	.15	.84	.73	2.83	.63	8.98
1963	.42	.82	.41	.49	.46	1.14	2.24	1.72	1.37	.90	2.07	.54	12.58
1964	.02	1.52	1.54	.76	.92	.84	1.00	2.91	1.96	1.95	1.59	1.83	15.89
1965	.51	1.19	1.51	.42	.64	.81	1.15	1.68	.18	.71	.66	.65	9.11
1966	.46	.38	1.79	.73	.49	.40	1.24	1.76	3.01	1.00	1.34	1.83	14.43
1967	.68	.44	2.25	.47	.98	.34	3.33	1.31	3.33	1.32	4.22	.38	15.05
1968	1.00	.52	.31	1.26	.43	.54	2.19	.39	3.55	1.50	2.00	1.72	15.61
1969	2.49	1.07	.47	.50	.19	.77	1.41	.27	2.31	1.00	1.29	1.07	12.84
1970	2.02	1.71	.54	.69	.72	.99	1.97	1.56	.07	.24	.80	1.37	11.68
1971	2.48	1.00	1.02	.42	.42	.31	1.44	1.41	.97	.91	.60	1.14	12.12
1972	3.08	1.13	2.31	.88	.02	999.90	1.70	1.31	1.34	2.02	1.40	1.60	999.90
1973	.55	1.93	1.22	1.22	.14	1.57	.31	.06	1.39	1.39	.39	.32	12.49
1974	.66	.33	.84	.80	.50	1.22	1.58	2.33	1.75	3.00	.26	.72	14.09
1975	1.55	.75	.78	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	30	30	30	29	29	28	28	29	29	29	29	29	27
MEAN	1.18	.94	.98	.78	.74	1.00	1.44	1.17	1.13	1.12	1.44	1.15	12.74
STD DEV	.91	.46	.63	.41	.64	.58	.72	.73	.90	.71	1.10	1.11	2.11
CV	.78	.49	.64	.53	.86	.58	.50	.62	.80	.63	.77	.97	.17
STD ERR	.17	.08	.11	.08	.17	.11	.14	.14	.17	.13	.20	.21	.41
MAX	3.08	1.93	2.65	1.87	3.09	2.14	3.33	2.91	3.55	3.00	4.07	5.29	16.15
MIN	0.00	.09	.18	.06	.02	.23	1.15	.06	0.00	.11	.13	0.00	8.68
RANGE	3.08	1.84	2.47	1.81	3.07	1.91	3.18	2.85	3.55	2.89	3.94	5.29	7.17

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 10b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 5048 LITTLE HILLS

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1946	6.42	9.20
1947	8.11	5.12
1948	6.41	7.75
1949	5.10	7.57
1950	3.30	7.24
1951	8.74	7.32
1952	4.63	7.83
1953	6.26	6.66
1954	4.93	6.84
1955	5.41	4.26
1956	6.97	999.90
1957	3.34	3.73
1958	5.01	6.37
1959	4.73	5.40
1960	4.68	11.47
1961	6.72	3.95
1962	2.63	6.35
1963	3.74	8.84
1964	5.60	10.29
1965	5.08	4.03
1966	4.25	10.18
1967	5.16	9.89
1968	4.26	11.35
1969	5.49	7.35
1970	6.67	5.01
1971	5.65	6.47
1972	999.90	9.46
1973	6.63	5.86
1974	4.35	9.74
1975	999.90	999.90
N	28	28
MEAN	5.53	7.34
STD DEV	1.42	2.26
CV	.26	.31
STD ERR	.27	.43
MAX	8.34	11.47
MIN	2.63	3.73
RANGE	5.71	7.74



Table 10c. Absolute and percent relative frequencies of monthly precipitation.

STATION 5048 LITTLE HILLS

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	9 ( 30.0)	6 ( 20.0)	5 ( 16.7)	9 ( 31.0)	13 ( 44.8)	8 ( 28.6)	1 ( 3.6)	7 ( 24.1)	10 ( 34.5)	7 ( 24.1)	6 ( 20.7)	9 ( 31.0)
.50- .99	7 ( 23.3)	10 ( 33.3)	14 ( 46.7)	12 ( 41.4)	9 ( 31.0)	8 ( 28.6)	6 ( 21.4)	6 ( 20.7)	4 ( 13.8)	6 ( 20.7)	7 ( 24.1)	6 ( 20.7)
1.00- 1.49	4 ( 13.3)	9 ( 30.0)	5 ( 16.7)	6 ( 20.7)	4 ( 13.8)	4 ( 14.3)	9 ( 32.1)	6 ( 20.7)	7 ( 24.1)	9 ( 31.0)	5 ( 17.2)	4 ( 13.8)
1.50- 1.99	1 ( 3.3)	5 ( 16.7)	3 ( 10.0)	2 ( 6.9)	2 ( 6.9)	7 ( 25.0)	7 ( 25.0)	7 ( 24.1)	3 ( 10.3)	4 ( 13.8)	2 ( 6.9)	7 ( 24.1)
2.00- 2.49	6 ( 20.0)	0 ( 0.0)	2 ( 6.7)	0 ( 0.0)	0 ( 0.0)	1 ( 3.6)	3 ( 10.7)	2 ( 6.9)	3 ( 10.3)	1 ( 3.4)	4 ( 13.8)	1 ( 3.4)
2.50- 2.99	2 ( 6.7)	0 ( 0.0)	1 ( 3.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.4)	0 ( 0.0)	1 ( 3.4)	1 ( 3.4)	0 ( 0.0)
3.00- 3.49	1 ( 3.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.4)	0 ( 0.0)	2 ( 7.1)	0 ( 0.0)	1 ( 3.4)	1 ( 3.4)	2 ( 6.9)	1 ( 3.4)
3.50- 3.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.4)	0 ( 0.0)	1 ( 3.4)	0 ( 0.0)
4.00- 4.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.4)	0 ( 0.0)
4.50- 4.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
5.00- 5.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.4)
TOTALS	30.	30.	30.	29.	29.	28.	28.	29.	29.	29.	29.	29.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 10d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 5048 LITTLE HILLS

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
.50- .99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.00- 1.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.50- 1.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
2.00- 2.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
2.50- 2.99	1 ( 3.6)	0 ( 0.0)	0 ( 0.0)
3.00- 3.49	1 ( 3.6)	0 ( 0.0)	0 ( 0.0)
3.50- 3.99	1 ( 3.6)	2 ( 7.1)	0 ( 0.0)
4.00- 4.49	3 ( 10.7)	2 ( 7.1)	0 ( 0.0)
4.50- 4.99	4 ( 14.3)	0 ( 0.0)	0 ( 0.0)
5.00- 5.49	6 ( 21.4)	3 ( 10.7)	0 ( 0.0)
5.50- 5.99	2 ( 7.1)	1 ( 3.6)	0 ( 0.0)
6.00- 6.49	3 ( 10.7)	3 ( 10.7)	0 ( 0.0)
6.50- 6.99	4 ( 14.3)	2 ( 7.1)	0 ( 0.0)
7.00- 7.49	0 ( 0.0)	3 ( 10.7)	0 ( 0.0)

Table 10d. (continued)

## STATION 5048 LITTLE HILLS

## ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	0 ( 0.0)	3 ( 10.7)	0 ( 0.0)
8.00- 8.49	3 ( 10.7)	0 ( 0.0)	0 ( 0.0)
8.50- 8.99	0 ( 0.0)	1 ( 3.6)	1 ( 3.7)
9.00- 9.49	0 ( 0.0)	2 ( 7.1)	1 ( 3.7)
9.50- 9.99	0 ( 0.0)	2 ( 7.1)	1 ( 3.7)
10.00-10.49	0 ( 0.0)	2 ( 7.1)	1 ( 3.7)
10.50-10.99	0 ( 0.0)	0 ( 0.0)	2 ( 7.4)
11.00-11.49	0 ( 0.0)	2 ( 7.1)	1 ( 3.7)
11.50-11.99	0 ( 0.0)	0 ( 0.0)	2 ( 7.4)
12.00-12.49	0 ( 0.0)	0 ( 0.0)	4 ( 14.8)
12.50-12.99	0 ( 0.0)	0 ( 0.0)	4 ( 14.8)
13.00-13.49	0 ( 0.0)	0 ( 0.0)	1 ( 3.7)
13.50-13.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
14.00-14.49	0 ( 0.0)	0 ( 0.0)	3 ( 11.1)
14.50-14.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)

Table 10d. (continued)

STATION 5048 LITTLE HILLS

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
15.00-15.49	0 ( 0.0)	0 ( 0.0)	1 ( 3.7)
15.50-15.99	0 ( 0.0)	0 ( 0.0)	4 ( 14.8)
16.00-16.49	0 ( 0.0)	0 ( 0.0)	1 ( 3.7)
16.50-16.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	28.0	28.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH



Table 10f. Probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)

5048 LITTLE HILLS													
PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN													
PROB. LEVEL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	WATER YEAR
.05	.05	.28	.26	.21	.08	.25	.46	.20	.04	.21	.19	0.00	9.48
.10	.15	.37	.35	.28	.14	.34	.59	.30	.12	.31	.31	0.00	10.12
.20	.32	.50	.49	.40	.24	.49	.80	.47	.28	.48	.52	.17	10.94
.30	.49	.62	.61	.50	.35	.62	.97	.63	.45	.63	.73	.25	11.55
.40	.68	.73	.74	.59	.46	.75	1.14	.79	.63	.78	.95	.54	12.10
.50	.89	.85	.87	.69	.58	.88	1.31	.97	.83	.95	1.19	.76	12.62
.60	1.14	.98	1.01	.80	.73	1.03	1.50	1.18	1.08	1.14	1.48	1.03	13.16
.70	1.45	1.13	1.18	.94	.91	1.22	1.72	1.43	1.39	1.36	1.83	1.37	13.75
.80	1.87	1.33	1.40	1.11	1.16	1.45	2.01	1.76	1.82	1.67	2.30	1.85	14.46
.90	2.58	1.64	1.76	1.38	1.57	1.83	2.45	2.29	2.54	2.15	3.08	2.66	15.50
.95	3.28	1.93	2.08	1.63	1.96	2.18	2.87	2.81	3.25	2.62	3.83	3.46	16.38
ALPHA	1.32	3.28	2.86	2.99	1.45	2.67	3.61	1.92	1.22	2.10	1.58	1.11	36.59
BETA	.92	.29	.34	.26	.51	.38	.40	.61	.97	.53	.95	1.12	.35
Q	.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.03	0.00	0.00	.10	0.00
N	29	30	30	29	29	28	28	29	28	29	30	27	27

MIXED GAMMA DISTRIBUTION FITTED TO DATA  
 ALPHA= SHAPE PARAMETER      BETA= SCALE PARAMETER  
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS  
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

Table 11a. Time series and statistical summary of monthly and water year precipitation.

STATION 5520 MESA LAKES RESORT

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	5.68	4.08	4.09	1.87	.95	1.37	2.77	.74	1.93	1.02	2.50	3.31	30.31
1972	8.47	4.33	2.82	999.90	1.16	3.84	4.03	4.63	3.72	2.47	2.23	1.87	999.90
1973	2.68	2.16	3.85	4.44	2.15	2.34	4.87	.04	.99	3.37	1.11	.80	26.80
1974	2.49	2.41	2.44	3.08	2.61	5.23	2.31	2.13	1.28	1.91	.56	1.31	27.76
1975	2.21	999.90	1.11	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	5	4	5	3	4	4	4	4	4	4	4	4	3
MEAN	3.91	3.24	2.86	3.13	1.72	3.19	3.49	1.88	1.98	2.19	1.60	1.82	28.29
STD DEV	3.13	1.12	1.20	1.29	.79	1.69	1.17	2.03	1.22	.99	.92	1.08	1.81
CV	.80	.34	.42	.41	.46	.53	.33	1.07	.62	.45	.57	.59	1.06
STD ERR	1.40	.56	.54	.74	.40	.85	.58	1.01	.61	.49	.46	.54	1.05
MAX	8.47	4.33	4.09	4.44	2.61	5.23	4.87	4.63	3.72	3.37	2.50	3.31	30.31
MIN	.68	2.16	1.11	1.87	.95	1.37	2.31	.04	.99	1.02	.56	.80	26.80
RANGE	7.79	2.17	2.98	2.57	1.66	3.86	2.56	4.59	2.73	2.35	1.94	2.51	3.51

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 11b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 5520 MESA LAKES RESORT

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1971	18.04	12.27
1972	999.90	18.95
1973	15.62	11.18
1974	18.26	9.50
1975	999.90	999.90
N	3	4
MEAN	17.31	12.97
STD DEV	1.46	4.14
CV	.08	.32
STD ERR	.85	2.07
MAX	18.26	18.95
MIN	15.62	9.50
RANGE	2.64	9.45



Table 11c. Absolute and percent relative frequencies of monthly precipitation.

STATION 5520 MESA LAKES RESORT

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 1 25.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)
.50- .99	( 1 20.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 1 25.0)	( 0 0.0)	( 0 0.0)	( 1 25.0)	( 1 25.0)	( 0 0.0)	( 1 25.0)	( 1 25.0)
1.00- 1.49	( 0 0.0)	( 0 0.0)	( 1 20.0)	( 0 0.0)	( 1 25.0)	( 1 25.0)	( 0 0.0)	( 0 0.0)	( 1 25.0)	( 1 25.0)	( 1 25.0)	( 1 25.0)
1.50- 1.99	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 1 33.3)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 1 25.0)	( 1 25.0)	( 0 0.0)	( 1 25.0)
2.00- 2.49	( 2 40.0)	( 2 50.0)	( 1 20.0)	( 0 0.0)	( 1 25.0)	( 1 25.0)	( 1 25.0)	( 1 25.0)	( 0 0.0)	( 1 25.0)	( 1 25.0)	( 0 0.0)
2.50- 2.99	( 0 0.0)	( 0 0.0)	( 1 20.0)	( 0 0.0)	( 1 25.0)	( 0 0.0)	( 1 25.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 1 25.0)	( 0 0.0)
3.00- 3.49	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 1 33.3)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 1 25.0)	( 0 0.0)	( 1 25.0)
3.50- 3.99	( 0 0.0)	( 0 0.0)	( 1 20.0)	( 0 0.0)	( 0 0.0)	( 1 25.0)	( 0 0.0)	( 0 0.0)	( 1 25.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)
4.00- 4.49	( 0 0.0)	( 2 50.0)	( 1 20.0)	( 1 33.3)	( 0 0.0)	( 0 0.0)	( 1 25.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)
4.50- 4.99	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 1 25.0)	( 1 25.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)
5.00- 5.49	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 1 25.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)
5.50- 5.99	( 1 20.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)
6.00- 6.49	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)
6.50- 6.99	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)
7.00- 7.49	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)	( 0 0.0)

Table 11c. (continued)

STATION 5520 MESA LAKES RESORT

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
7.50- 7.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
8.00- 8.49	1 ( 20.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	5.	4.	5.	3.	4.	4.	4.	4.	4.	4.	4.	4.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 11d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 5520 MESA LAKES RESORT

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	( 0 0.0)	( 0 0.0)	( 0 0.0)
.50- .99	( 0 0.0)	( 0 0.0)	( 0 0.0)
1.00- 1.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
1.50- 1.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
2.00- 2.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
2.50- 2.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
3.00- 3.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
3.50- 3.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
4.00- 4.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
4.50- 4.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
5.00- 5.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
5.50- 5.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
6.00- 6.49	( 0 0.0)	( 0 0.0)	( 0 0.0)
6.50- 6.99	( 0 0.0)	( 0 0.0)	( 0 0.0)
7.00- 7.49	( 0 0.0)	( 0 0.0)	( 0 0.0)

Table 11d. (continued)

STATION 5520 MESA LAKES RESORT

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
8.00- 8.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
8.50- 8.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
9.00- 9.49	0 ( 0.0)	1 ( 25.0)	0 ( 0.0)
9.50- 9.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
10.00-10.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
10.50-10.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
11.00-11.49	0 ( 0.0)	1 ( 25.0)	0 ( 0.0)
11.50-11.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
12.00-12.49	0 ( 0.0)	1 ( 25.0)	0 ( 0.0)
12.50-12.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
13.00-13.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
13.50-13.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
14.00-14.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
14.50-14.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)

Table 11d. (continued)

STATION 5520 MESA LAKES RESORT

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
15.00-15.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
15.50-15.99	1 ( 33.3)	0 ( 0.0)	0 ( 0.0)
16.00-16.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
16.50-16.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
17.00-17.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
17.50-17.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
18.00-18.49	2 ( 66.7)	0 ( 0.0)	0 ( 0.0)
18.50-18.99	0 ( 0.0)	1 ( 25.0)	0 ( 0.0)
19.00-19.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
19.50-19.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
20.00-20.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
20.50-20.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
21.00-21.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
21.50-21.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
22.00-22.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)

Table 11d. (continued)

STATION 5520 MESA LAKES RESORT

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
22.50-22.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
23.00-23.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
23.50-23.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
24.00-24.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
24.50-24.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
25.00-25.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
25.50-25.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
26.00-26.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
26.50-26.99	0 ( 0.0)	0 ( 0.0)	1 ( 33.3)
27.00-27.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
27.50-27.99	0 ( 0.0)	0 ( 0.0)	1 ( 33.3)
28.00-28.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
28.50-28.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
29.00-29.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
29.50-29.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)

Table 11d. (continued)

STATION 5520 MESA LAKES RESORT			
ABSOLUTE AND PERCENT RELATIVE FREQUENCIES			
INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
30.00-30.49	0 ( 0.0)	0 ( 0.0)	1 ( 33.3)
30.50-30.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	3.0	4.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 12a. Time series and statistical summary of monthly and water year precipitation.

STATION 6266 PALISADE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1929	999.90	999.90	.10	1.30	.11	0.00	.94	1.61	.19	1.37	1.33	1.29	999.90
1930	.23	.45	.36	.07	1.04	.65	1.88	.29	.19	1.25	.88	2.67	9.76
1931	1.27	.70	0.00	.13	.44	.25	1.02	999.90	.35	1.10	2.40	999.90	999.90
1932	999.90	999.90	999.90	.45	.29	.10	.67	1.62	.05	.70	.80	1.40	999.90
1933	.80	0.00	.31	.39	1.75	0.00	.75	1.41	.30	.19	.99	.85	7.74
1934	0.00	.89	.65	1.35	.43	.32	2.29	1.49	.09	1.05	.25	1.47	10.28
1935	.25	.55	.67	.25	.46	.84	0.00	.31	.84	.76	.82	.86	6.61
1936	.51	.39	.49	.33	.50	.58	.28	.59	.20	1.15	.90	1.19	6.91
1937	1.22	.70	2.00	.56	.23	1.33	.96	.94	1.07	.34	.06	1.84	11.25
1938	.73	.29	.55	.53	.95	.25	0.00	.16	0.00	.79	.55	2.74	7.35
1939	.72	.30	.30	1.52	.51	1.00	1.91	0.00	.20	.71	.54	2.99	10.84
1940	1.91	.90	.75	.53	1.28	1.54	2.31	.82	.88	.45	1.01	3.46	15.84
1941	4.49	.30	.28	.32	1.36	.60	1.10	0.00	0.00	1.14	.67	.11	10.37
1942	1.51	.39	.19	.14	.73	1.22	.11	.84	1.44	.11	2.14	.27	9.09
1943	.56	.85	.06	.19	.34	.56	2.18	.71	.77	.55	.10	.02	6.89
1944	.16	1.12	.12	.19	.64	.61	1.56	.45	.90	.42	.78	.34	7.29
1945	.78	.31	.56	.25	.04	.32	1.01	1.15	.28	.70	1.56	.24	7.30
1946	1.62	1.01	.29	.32	.20	.71	.49	.40	2.10	.56	1.18	.42	9.60
1947	2.00	.79	.45	.36	.75	.93	.50	.24	.06	.53	1.13	.76	9.40
1948	.59	.68	.76	1.04	.20	1.21	1.27	1.11	.80	.38	.13	1.70	9.92
1949	1.35	.45	.14	.93	.44	999.90	.89	.24	0.00	2.30	.22	1.00	999.90
1950	.04	.30	.20	.23	.77	.26	.34	.77	.80	.39	1.87	.64	6.41
1951	1.21	.21	1.33	.46	.22	.73	.77	.40	.16	.44	.87	.62	7.42
1952	0.00	.33	.49	.46	.23	1.23	1.00	.87	.12	.52	1.44	0.00	6.59
1953	1.50	1.75	.14	.14	.56	.44	.76	.55	.94	.34	.34	2.74	10.20
1954	1.16	1.63	.21	.17	.80	.03	1.43	1.12	.20	.67	1.47	.31	9.20
1955	.11	.17	.12	.91	.29	.28	.42	.21	.20	.53	.41	0.00	3.75
1956	.89	.21	.23	1.41	.32	.94	1.78	2.26	1.05	1.28	2.30	.19	13.27
1957	2.74	1.65	.23	.43	1.06	1.13	.25	.87	.04	.19	.33	2.95	11.87
1958	.39	.49	.24	.19	.59	.29	.82	.05	.12	.12	1.73	1.09	6.12
1959	.88	.29	.28	.59	.92	1.32	.50	.24	.15	0.00	.39	1.03	7.19
1960	.58	.32	.20	0.00	.21	.84	1.07	1.31	0.00	.11	1.50	3.47	10.61
1961	.94	1.12	.20	.47	1.76	.11	1.00	.14	.40	.15	.42	1.22	7.93
1962	.21	.52	.33	.40	.51	.98	.28	.01	999.90	.77	2.29	1.08	999.90
1963	0.00	.86	.42	.55	0.00	.74	.59	.39	.28	.65	1.24	.53	6.55
1964	0.00	.91	999.90	.99	.50	.89	.25	1.56	1.15	1.42	1.40	2.94	999.90
1965	1.49	1.01	.79	.38	1.31	.06	2.81	.95	.17	.32	.55	.54	8.38
1966	.68	.71	1.27	.27	.24	.19	.14	.81	.89	1.42	1.02	.71	8.97
1967	.57	.54	1.51	.10	1.53	.47	.91	.41	.01	1.15	1.52	.15	8.18
1968	1.30	.56	.45	1.09	.39	.88	.30	.53	2.46	.29	.93	1.19	10.37



Table 12a. (continued)

STATION 6266 PALISADE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1969	2.39	.70	.56	.59	0.00	2.72	.61	0.00	1.22	.66	1.46	1.63	12.54
1970	1.91	.85	1.00	.17	.19	.44	1.00	1.18	.03	.42	1.02	.83	9.04
1971	2.26	.74	.83	.27	0.00	.01	.43	.52	.65	999.90	999.90	999.90	999.90
1972	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	.59	999.90
1973	.31	.87	.53	1.21	.30	.55	1.45	0.00	.18	1.06	.28	.97	7.71
1974	1.13	1.21	999.90	999.61	.33	2.09	.94	1.23	.31	1.06	.07	.19	999.90
1975	1.01	.16	1.11	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	44	44	43	45	45	44	45	44	44	44	44	44	37
MEAN	1.02	.66	.51	.52	.57	.72	.94	.71	.53	.67	.99	1.17	8.89
STD DEV	.87	.41	.42	.40	.46	.59	.63	.57	.56	.45	.67	.69	2.32
CV	.85	.62	.82	.78	.80	.83	.67	.80	1.07	.67	.67	.65	.26
STD ERR	.13	.06	.06	.06	.07	.09	.09	.09	.08	.07	.10	.15	.38
MAX	4.49	1.75	2.00	1.62	1.76	2.72	2.31	2.26	2.46	2.30	2.80	3.47	15.84
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	3.75
RANGE	4.49	1.75	2.00	1.62	1.76	2.72	2.31	2.26	2.46	2.30	2.74	3.47	12.09

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 12b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 6266 PALISADE

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1929	999.90	6.73
1930	2.80	6.96
1931	2.79	999.90
1932	999.90	5.24
1933	3.25	4.49
1934	3.64	6.64
1935	3.02	3.59
1936	2.80	4.11
1937	6.04	5.21
1938	3.21	4.14
1939	4.45	6.39
1940	6.91	8.93
1941	7.35	3.02
1942	4.18	4.91
1943	2.56	4.33
1944	2.84	4.45
1945	2.36	4.94
1946	4.15	5.65
1947	5.28	4.12
1948	4.48	5.44
1949	999.90	4.65
1950	1.60	4.81
1951	4.16	3.26
1952	2.74	3.95
1953	4.53	5.67
1954	4.00	5.20
1955	1.98	1.77
1956	4.00	9.27
1957	7.24	4.63
1958	2.19	3.93
1959	4.88	2.31
1960	3.15	7.46
1961	4.60	3.33
1962	3.45	999.90
1963	2.57	3.98
1964	999.90	10.72
1965	5.04	3.34
1966	3.36	5.61
1967	4.52	3.66
1968	4.67	5.70

Table 12b. (continued)

STATION 6266 PALISADE

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1969	6.96	5.58
1970	4.56	4.48
1971	4.11	999.90
1972	999.90	999.90
1973	3.77	3.94
1974	999.90	3.80
1975	999.90	999.90
N	40	42
MEAN	4.00	5.01
STD DEV	1.43	1.78
CV	.36	.36
STD ERR	.23	.27
MAX	7.35	10.72
MIN	1.60	1.77
RANGE	5.75	8.95

Table 12c. Absolute and percent relative frequencies of monthly precipitation.

STATION 6266 PALISADE

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	11 ( 25.0)	18 ( 40.9)	26 ( 60.5)	28 ( 62.2)	24 ( 53.3)	18 ( 40.9)	12 ( 26.7)	20 ( 45.5)	27 ( 61.4)	17 ( 38.6)	12 ( 27.3)	11 ( 25.0)
.50- .99	14 ( 31.8)	18 ( 40.9)	11 ( 25.6)	10 ( 22.2)	13 ( 28.9)	15 ( 34.1)	15 ( 33.3)	11 ( 25.0)	10 ( 22.7)	15 ( 34.1)	12 ( 27.3)	12 ( 27.3)
1.00- 1.49	9 ( 20.5)	5 ( 11.4)	5 ( 11.6)	6 ( 13.3)	5 ( 11.1)	7 ( 15.9)	10 ( 22.2)	8 ( 18.2)	5 ( 11.4)	11 ( 25.0)	11 ( 25.0)	10 ( 22.7)
1.50- 1.99	5 ( 11.4)	3 ( 6.8)	0 ( 0.0)	1 ( 2.2)	3 ( 6.7)	2 ( 4.5)	4 ( 8.9)	4 ( 9.1)	0 ( 0.0)	0 ( 0.0)	5 ( 11.4)	3 ( 6.8)
2.00- 2.49	3 ( 6.8)	0 ( 0.0)	1 ( 2.3)	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)	4 ( 8.9)	1 ( 2.3)	2 ( 4.5)	1 ( 2.3)	3 ( 6.8)	0 ( 0.0)
2.50- 2.99	1 ( 2.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)	6 ( 13.6)
3.00- 3.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	2 ( 4.5)
3.50- 3.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
4.00- 4.49	1 ( 2.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	44.	44.	43.	45.	45.	44.	45.	44.	44.	44.	44.	44.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 12d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 6266 PALISADE

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
.50- .99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.00- 1.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.50- 1.99	2 ( 5.0)	1 ( 2.4)	0 ( 0.0)
2.00- 2.49	2 ( 5.0)	1 ( 2.4)	0 ( 0.0)
2.50- 2.99	7 ( 17.5)	0 ( 0.0)	0 ( 0.0)
3.00- 3.49	6 ( 15.0)	4 ( 9.5)	0 ( 0.0)
3.50- 3.99	4 ( 10.0)	7 ( 16.7)	1 ( 2.7)
4.00- 4.49	6 ( 15.0)	7 ( 16.7)	0 ( 0.0)
4.50- 4.99	6 ( 15.0)	5 ( 11.9)	0 ( 0.0)
5.00- 5.49	2 ( 5.0)	4 ( 9.5)	0 ( 0.0)
5.50- 5.99	0 ( 0.0)	5 ( 11.9)	0 ( 0.0)
6.00- 6.49	1 ( 2.5)	1 ( 2.4)	2 ( 5.4)
6.50- 6.99	2 ( 5.0)	3 ( 7.1)	5 ( 13.5)
7.00- 7.49	2 ( 5.0)	1 ( 2.4)	5 ( 13.5)

Table 12d. (continued)

## STATION 6266 PALISADE

## ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	0 ( 0.0)	0 ( 0.0)	3 ( 8.1)
8.00- 8.49	0 ( 0.0)	0 ( 0.0)	2 ( 5.4)
8.50- 8.99	0 ( 0.0)	1 ( 2.4)	1 ( 2.7)
9.00- 9.49	0 ( 0.0)	1 ( 2.4)	4 ( 10.8)
9.50- 9.99	0 ( 0.0)	0 ( 0.0)	3 ( 8.1)
10.00-10.49	0 ( 0.0)	0 ( 0.0)	4 ( 10.8)
10.50-10.99	0 ( 0.0)	1 ( 2.4)	2 ( 5.4)
11.00-11.49	0 ( 0.0)	0 ( 0.0)	1 ( 2.7)
11.50-11.99	0 ( 0.0)	0 ( 0.0)	1 ( 2.7)
12.00-12.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
12.50-12.99	0 ( 0.0)	0 ( 0.0)	1 ( 2.7)
13.00-13.49	0 ( 0.0)	0 ( 0.0)	1 ( 2.7)
13.50-13.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
14.00-14.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
14.50-14.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)

Table 12d. (continued)

STATION 6266 PALISADE

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
15.00-15.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
15.50-15.99	0 ( 0.0)	0 ( 0.0)	1 ( 2.7)
16.00-16.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	40.0	42.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH





Table 12f. Probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)

6266 PALISADE		PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN											
PROB. LEVEL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	WATER YEAR
.05	0.00	.14	.06	.07	0.00	.01	.09	0.00	0.00	.12	.15	.02	5.49
.10	.06	.22	.11	.12	.09	.08	.24	.04	.01	.19	.24	.14	6.12
.20	.30	.33	.19	.20	.19	.19	.41	.19	.08	.30	.38	.32	6.93
.30	.47	.42	.26	.28	.23	.30	.55	.31	.16	.40	.52	.50	7.57
.40	.64	.50	.34	.35	.37	.41	.69	.44	.25	.50	.66	.70	8.14
.50	.83	.59	.42	.43	.47	.55	.83	.57	.35	.60	.81	.92	8.70
.60	1.04	.69	.52	.52	.58	.70	.99	.72	.48	.71	.99	1.18	9.28
.70	1.29	.81	.63	.63	.70	.89	1.17	.91	.64	.85	1.20	1.50	9.94
.80	1.63	.96	.79	.73	.88	1.16	1.42	1.17	.87	1.02	1.49	1.94	10.74
.90	2.19	1.20	1.04	1.02	1.15	1.60	1.81	1.58	1.27	1.31	1.96	2.67	11.92
.95	2.71	1.42	1.28	1.24	1.42	2.04	2.18	1.98	1.66	1.58	2.42	3.39	12.96
ALPHA	1.75	2.94	1.82	2.00	1.93	1.32	2.49	1.58	1.03	2.37	1.81	1.34	15.14
BETA	.64	.23	.29	.26	.31	.57	.40	.50	.56	.30	.55	.95	.59
Q	.09	.02	.02	.02	.07	.04	.04	.09	.09	.02	0.00	.04	0.00
N	40	43	42	45	43	43	44	41	40	44	45	43	37

MIXED GAMMA DISTRIBUTION FITTED TO DATA  
 ALPHA = SHAPE PARAMETER      BETA = SCALE PARAMETER  
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS  
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

Table 13a. Time series and statistical summary of monthly and water year precipitation.

STATION 7031 RIFLE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1931	999.90	.80	.90	.70	2.21	.64	.85	.04	.40	2.54	.85	.32	999.90
1932	.30	.50	1.30	.80	.80	.49	.20	1.05	0.00	1.10	.92	1.10	8.56
1933	.35	1.10	.38	.58	.84	.15	1.60	1.25	0.73	1.70	1.70	1.98	10.36
1934	0.00	.75	.65	.86	.65	.60	2.41	1.95	0.00	1.90	.32	1.01	10.10
1935	.50	.20	.23	.34	.90	.40	.30	0.00	.05	1.54	1.10	.45	6.01
1936	.85	.40	.60	.90	.39	.45	.30	.25	.33	2.17	.54	.71	7.89
1937	1.66	.74	.92	.44	.99	2.83	.84	1.10	.77	.31	.45	1.71	12.76
1938	.22	.69	1.44	1.21	.60	.84	.27	1.15	.40	.51	.22	2.02	8.57
1939	.70	.15	.31	1.62	1.28	.94	1.44	.40	.23	.86	1.69	2.06	11.68
1940	1.72	.86	1.10	.92	.75	1.91	1.50	.82	1.26	.43	1.04	1.58	13.89
1941	3.11	1.12	.75	.47	1.00	.84	1.41	.35	1.20	1.27	.43	.57	11.52
1942	1.11	.26	.70	.99	.42	1.46	.23	1.78	1.50	.39	2.53	.53	11.84
1943	1.31	.55	.76	1.82	.65	.75	1.16	.30	.66	.99	2.29	.07	8.92
1944	.45	2.03	.25	.36	1.14	1.31	1.12	1.22	1.40	.75	.65	.32	11.00
1945	.97	.88	.66	.24	.24	.60	2.76	1.73	1.65	.65	2.25	.51	12.14
1946	2.91	1.23	.93	.61	.56	.97	1.05	.66	1.60	1.25	.58	.71	13.46
1947	1.44	.55	.63	.94	1.43	1.74	.68	.09	1.38	.87	1.12	.42	11.30
1948	.90	.79	1.63	1.20	.22	1.52	.65	.29	.80	1.09	1.09	1.31	11.49
1949	.60	.21	.64	1.86	.48	.36	.56	.42	.02	1.63	2.25	1.17	8.20
1950	.21	.67	1.11	1.45	.48	.21	1.15	.69	1.03	.47	1.56	.44	9.47
1951	1.17	.64	4.06	1.05	.25	1.89	1.16	1.78	.64	.56	2.26	.06	13.43
1952	0.00	.53	.42	.64	.19	1.16	.27	1.73	.65	1.17	2.08	.31	10.15
1953	1.48	1.43	.35	.87	.29	.83	.93	1.76	1.55	999.90	999.90	2.32	999.90
1954	1.43	.72	.57	.94	.98	.20	.47	1.71	.54	.78	1.39	.15	10.71
1955	.56	1.69	.72	1.31	1.31	.20	.47	1.71	.54	.78	1.39	.15	10.71
1956	.35	1.49	.62	2.75	.91	1.16	1.29	2.79	2.10	1.36	4.18	.16	18.86
1957	3.34	1.39	.77	.25	1.01	1.02	1.62	.31	.24	.77	.22	1.51	11.45
1958	.29	.53	999.90	.62	1.54	1.40	.67	.42	.97	.10	2.60	1.53	999.90
1959	1.72	.07	.78	.67	1.11	.26	.62	.53	.20	.02	.55	.51	8.12
1960	.52	.51	.58	.01	.55	1.17	.92	.07	.07	.26	1.15	2.87	9.69
1961	1.08	.52	.70	1.04	.28	.17	.97	.51	.16	.23	1.12	.69	8.51
1962	.89	.52	.47	.61	.28	.63	.37	.02	.78	.23	1.55	1.15	7.50
1963	1.51	.78	.40	.65	.14	.72	.82	1.40	1.16	.50	1.01	.96	10.05
1964	.53	1.05	1.10	.67	.52	1.28	.60	1.43	1.10	2.03	.36	2.31	11.48
1965	.52	1.04	.58	.53	.37	1.22	.45	1.11	1.10	2.24	.36	2.45	15.98
1966	1.43	.39	.41	.54	.34	.41	.50	1.61	2.24	1.84	1.07	1.35	14.42
1967	.57	.57	.49	.54	.32	.39	.50	.61	2.09	.53	1.64	.21	10.39
1968	1.19	.93	.21	2.64	1.11	.22	.48	.21	2.52	.31	1.43	1.66	13.91
1969	3.63	.69	.41	.62	1.11	1.20	.97	.02	1.90	1.74	.77	1.78	14.04
1970	1.58	1.76	.89	.98	.35	.42	.94	1.10	0.00	.61	.91	1.57	11.11

Table 13a. (continued)

STATION 7031 RIFLE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	1.79	.74	1.88	.15	.05	.16	.79	1.09	.66	.71	.60	1.97	10.59
1972	3.44	.96	2.21	.75	.53	.95	.59	.71	1.63	1.12	2.16	.38	15.43
1973	.41	.81	.65	1.48	.52	.76	.81	0.00	.60	.98	.89	.46	8.37
1974	.87	.65	1.26	.84	1.11	1.46	.80	1.08	1.02	.42	.10	.25	9.86
1975	.61	.61	.94	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	44	45	44	44	44	44	44	44	44	43	43	44	41
MEAN	1.15	.79	.95	.89	.78	.84	.91	.79	.78	.89	1.12	.97	10.80
STD DEV	.93	.43	.72	.58	.54	.58	.54	.64	.67	.59	.82	.73	2.57
CV	.81	.55	.75	.65	.70	.69	.60	.82	.85	.66	.73	.75	.24
STD ERR	.14	.06	.11	.09	.08	.09	.08	.10	.10	.09	.13	.11	.40
MAX	3.63	2.03	4.06	2.75	2.21	2.83	2.76	2.79	2.52	2.54	4.18	2.87	18.86
MIN	0.00	.07	.20	.01	.05	.12	.16	0.00	0.00	.02	.10	0.00	5.98
RANGE	3.63	1.96	3.86	2.74	2.16	2.71	2.60	2.79	2.52	2.52	4.08	2.87	12.88

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 13b. Time series and statistical summary of period 1 (Oct-Mar) and period 2 (Apr-Sep) precipitation.

STATION 7031 RIFLE

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1931	999.90	5.00
1932	4.19	4.37
1933	3.40	6.96
1934	3.51	6.59
1935	2.57	3.44
1936	3.59	4.30
1937	7.58	5.18
1938	5.00	3.57
1939	5.00	6.68
1940	7.26	6.63
1941	7.29	4.23
1942	4.88	6.96
1943	5.45	3.47
1944	5.54	5.46
1945	3.59	8.55
1946	7.21	6.25
1947	6.74	4.56
1948	6.26	5.23
1949	4.15	4.05
1950	4.13	5.34
1951	8.97	4.46
1952	2.94	7.21
1953	5.28	999.90
1954	5.67	5.04
1955	5.79	3.87
1956	6.98	11.88
1957	7.78	3.67
1958	999.90	7.09
1959	5.69	2.43
1960	3.41	6.28
1961	5.83	2.68
1962	3.40	4.10
1963	4.20	5.85
1964	4.65	6.83
1965	3.16	2.82
1966	5.81	8.61
1967	6.13	4.26
1968	7.30	6.61
1969	6.86	7.18
1970	5.98	5.13

Table 13b. (continued)

STATION 7031 RIFLE

YEAR	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEPT)
1971	4.77	5.82
1972	8.84	6.59
1973	4.63	3.74
1974	6.19	3.67
1975	999.90	999.90
N	42	43
MEAN	5.42	5.41
STD DEV	1.62	1.85
CV	.30	.34
STD ERR	.25	.28
MAX	8.97	11.88
MIN	2.57	2.43
RANGE	6.40	9.45

Table 13c. Absolute and percent relative frequencies of monthly precipitation.

STATION 7031 RIFLE

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
0.00- .49	11 ( 25.0)	8 ( 17.8)	10 ( 22.7)	9 ( 20.5)	16 ( 36.4)	16 ( 36.4)	10 ( 22.7)	18 ( 40.9)	17 ( 38.6)	12 ( 27.9)	11 ( 25.6)	16 ( 36.4)
.50- .99	13 ( 29.5)	26 ( 57.8)	21 ( 47.7)	23 ( 52.3)	15 ( 34.1)	13 ( 29.5)	19 ( 43.2)	9 ( 20.5)	12 ( 27.3)	16 ( 37.2)	11 ( 25.6)	9 ( 20.5)
1.00- 1.49	8 ( 18.2)	7 ( 15.6)	7 ( 15.9)	7 ( 15.9)	9 ( 20.5)	10 ( 22.7)	10 ( 22.7)	10 ( 22.7)	7 ( 15.9)	7 ( 16.3)	9 ( 20.9)	6 ( 13.6)
1.50- 1.99	7 ( 15.9)	3 ( 6.7)	2 ( 4.5)	3 ( 6.8)	1 ( 2.3)	4 ( 9.1)	7 ( 15.9)	6 ( 13.6)	5 ( 11.4)	5 ( 11.6)	5 ( 11.6)	8 ( 18.2)
2.00- 2.49	0 ( 0.0)	1 ( 2.2)	3 ( 6.8)	0 ( 0.0)	3 ( 6.8)	0 ( 0.0)	1 ( 2.3)	0 ( 0.0)	2 ( 4.5)	2 ( 4.7)	5 ( 11.6)	4 ( 9.1)
2.50- 2.99	1 ( 2.3)	0 ( 0.0)	0 ( 0.0)	2 ( 4.5)	0 ( 0.0)	1 ( 2.3)	1 ( 2.3)	1 ( 2.3)	1 ( 2.3)	1 ( 2.3)	1 ( 2.3)	1 ( 2.3)
3.00- 3.49	3 ( 6.8)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
3.50- 3.99	1 ( 2.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
4.00- 4.49	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)	0 ( 0.0)
TOTALS	44.	45.	44.	44.	44.	44.	44.	44.	44.	43.	43.	44.

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH

Table 13d. Absolute and percent relative frequencies of period 1, period 2, and water year precipitation.

STATION 7031 RIFLE

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1 (OCT-MAR)	PERIOD 2 (APR-SEP)	WATER YEAR
0.00- .49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
.50- .99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.00- 1.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
1.50- 1.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
2.00- 2.49	0 ( 0.0)	1 ( 2.3)	0 ( 0.0)
2.50- 2.99	2 ( 4.8)	2 ( 4.7)	0 ( 0.0)
3.00- 3.49	4 ( 9.5)	2 ( 4.7)	0 ( 0.0)
3.50- 3.99	3 ( 7.1)	5 ( 11.6)	0 ( 0.0)
4.00- 4.49	4 ( 9.5)	7 ( 16.3)	0 ( 0.0)
4.50- 4.99	6 ( 14.3)	2 ( 4.7)	0 ( 0.0)
5.00- 5.49	2 ( 4.8)	6 ( 14.0)	0 ( 0.0)
5.50- 5.99	7 ( 16.7)	2 ( 4.7)	1 ( 2.4)
6.00- 6.49	3 ( 7.1)	2 ( 4.7)	1 ( 2.4)
6.50- 6.99	3 ( 7.1)	8 ( 18.6)	0 ( 0.0)
7.00- 7.49	4 ( 9.5)	3 ( 7.0)	1 ( 2.4)

Table 13d. (continued)

## STATION 7031 RIFLE

## ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
7.50- 7.99	2 ( 4.8)	0 ( 0.0)	1 ( 2.4)
8.00- 8.49	0 ( 0.0)	0 ( 0.0)	3 ( 7.3)
8.50- 8.99	2 ( 4.8)	2 ( 4.7)	4 ( 9.8)
9.00- 9.49	0 ( 0.0)	0 ( 0.0)	1 ( 2.4)
9.50- 9.99	0 ( 0.0)	0 ( 0.0)	3 ( 7.3)
10.00-10.49	0 ( 0.0)	0 ( 0.0)	5 ( 12.2)
10.50-10.99	0 ( 0.0)	0 ( 0.0)	3 ( 7.3)
11.00-11.49	0 ( 0.0)	0 ( 0.0)	5 ( 12.2)
11.50-11.99	0 ( 0.0)	1 ( 2.3)	3 ( 7.3)
12.00-12.49	0 ( 0.0)	0 ( 0.0)	1 ( 2.4)
12.50-12.99	0 ( 0.0)	0 ( 0.0)	1 ( 2.4)
13.00-13.49	0 ( 0.0)	0 ( 0.0)	2 ( 4.9)
13.50-13.99	0 ( 0.0)	0 ( 0.0)	2 ( 4.9)
14.00-14.49	0 ( 0.0)	0 ( 0.0)	2 ( 4.9)
14.50-14.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)



Table 13d. (continued)

STATION 7031 RIFLE

ABSOLUTE AND PERCENT RELATIVE FREQUENCIES

INTERVAL	PERIOD 1	PERIOD 2	WATER YEAR
15.00-15.49	0 ( 0.0)	0 ( 0.0)	1 ( 2.4)
15.50-15.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
16.00-16.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
16.50-16.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
17.00-17.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
17.50-17.99	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
18.00-18.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
18.50-18.99	0 ( 0.0)	0 ( 0.0)	1 ( 2.4)
19.00-19.49	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
TOTALS	42.0	43.0	

NOTE-- ABSOLUTE FREQ (UPPER VALUE) IS THE TOTAL NO. OF OBSERVATIONS IN THE GIVEN CLASS INTERVAL  
 RELATIVE FREQUENCY (LOWER VALUE) IS THE RATIO (EXPRESSED AS A PERCENT) OF THE ABSOLUTE FREQUENCY  
 TO THE TOTAL NO. OF OBSERVATIONS OVER ALL CLASS INTERVALS FOR THE GIVEN MONTH



Table 13f. Probability of receiving at least the indicated amounts of precipitation. (Mixed incomplete Gamma pdf.)

7031 RIFLE		PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN											
PROB. LEVEL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	WATER YEAR
.05	.04	.21	.22	.17	.14	.15	.25	.01	0.00	.16	.17	.09	7.02
.10	.19	.29	.31	.25	.20	.22	.53	.08	.05	.23	.27	.18	7.73
.20	.38	.40	.45	.37	.32	.34	.47	.19	.17	.37	.43	.33	8.65
.30	.56	.50	.57	.49	.42	.45	.58	.30	.29	.49	.58	.48	9.35
.40	.74	.60	.70	.61	.53	.57	.70	.43	.41	.61	.74	.63	9.99
.50	.93	.70	.63	.74	.64	.70	.82	.57	.56	.75	.91	.81	10.61
.60	1.15	.82	.98	.89	.77	.84	.95	.74	.73	.91	1.10	1.01	11.25
.70	1.43	.95	1.15	1.07	.93	1.01	1.11	.95	.95	1.10	1.34	1.25	11.97
.80	1.79	1.12	1.39	1.31	1.14	1.24	1.32	1.24	1.25	1.35	1.67	1.59	12.84
.90	2.39	1.40	1.75	1.69	1.48	1.62	1.64	1.73	1.75	1.76	2.19	2.13	14.13
.95	2.97	1.66	2.10	2.05	1.81	1.97	1.94	2.21	2.25	2.15	2.69	2.66	15.25
ALPHA	1.70	2.98	2.53	2.11	2.01	1.98	2.95	1.24	1.23	1.95	1.82	1.55	18.40
BETA	.71	.26	.38	.42	.38	.42	.31	.65	.67	.46	.60	.67	.59
Q	.05	0.00	0.00	0.00	0.00	0.00	0.00	.04	.07	0.00	0.00	.02	0.00
N	42	45	44	45	45	45	45	43	42	44	44	44	41

MIXED GAMMA DISTRIBUTION FITTED TO DATA  
 ALPHA = SHAPE PARAMETER      BETA = SCALE PARAMETER  
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS  
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

## V. TIME SERIES PLOTS AND REGRESSION ANALYSIS

Figure 1a. Mean monthly precipitation for period of record.

ALTENBERN

MEAN MONTHLY PRECIPITATION (JAN-DEC)

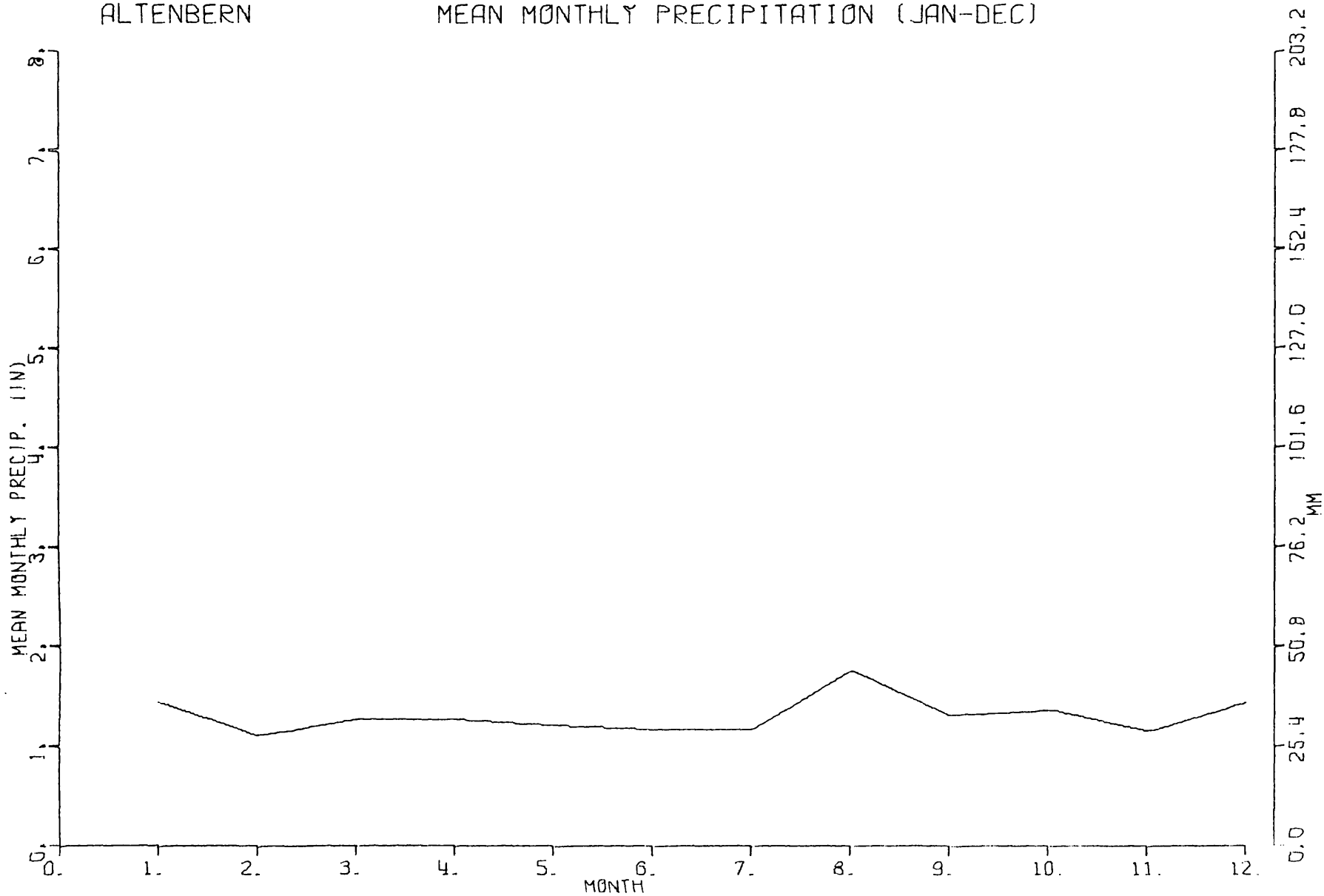


Figure 1b. Water year and 5 year moving mean precipitation.

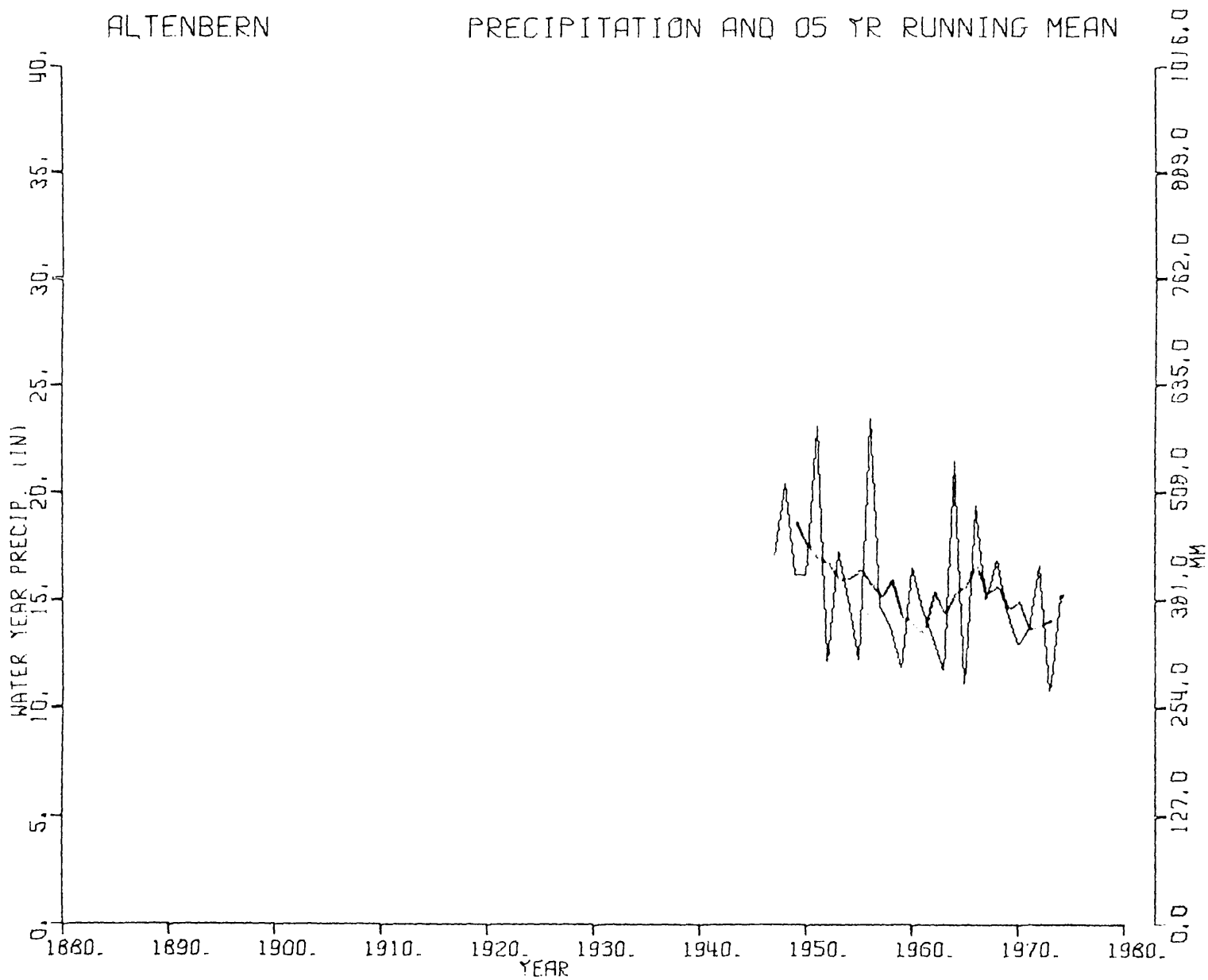


Figure 2a. Mean monthly precipitation for period of record.

BONHAM RESERVOIR MEAN MONTHLY PRECIPITATION (JAN-DEC)

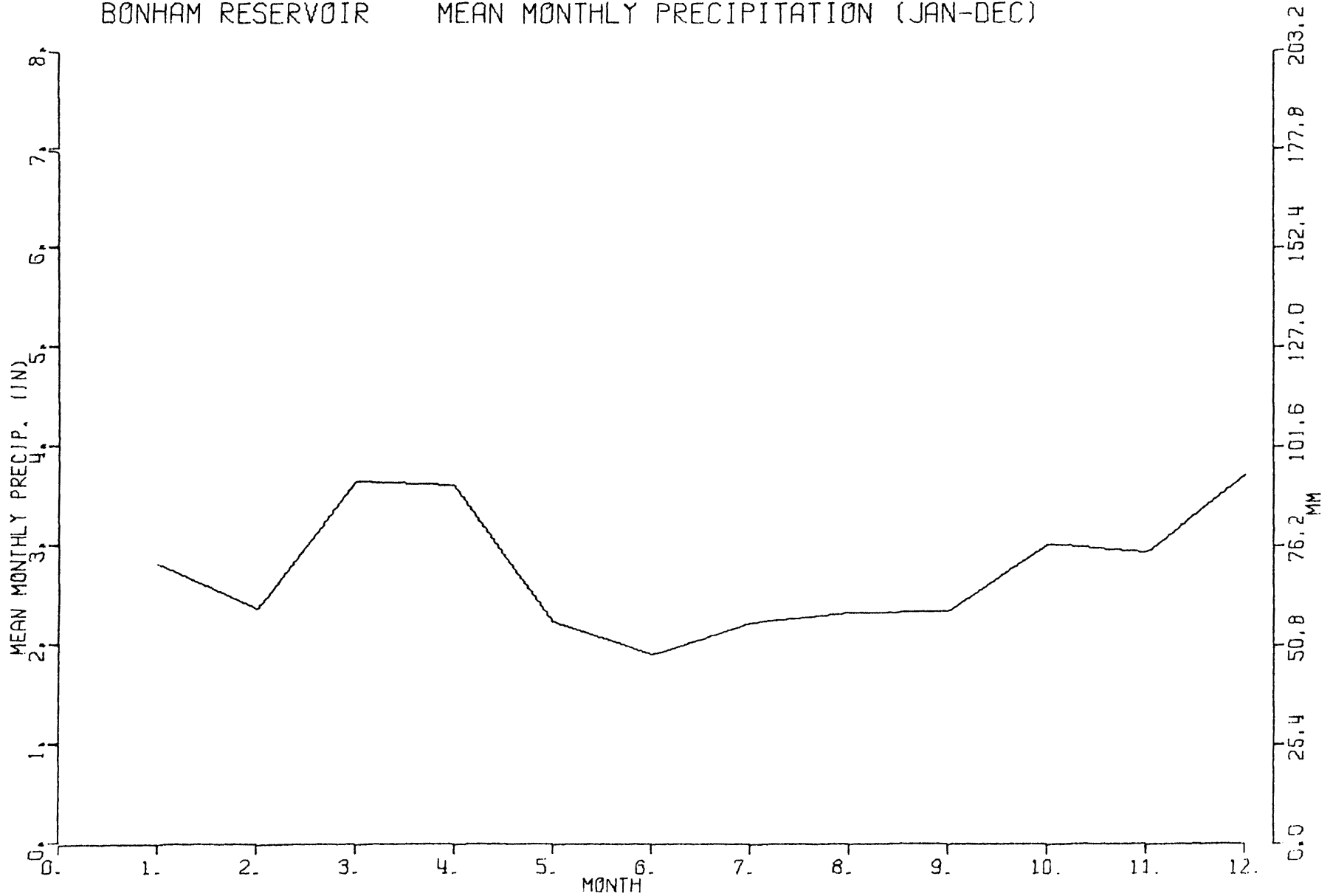


Figure 2b. Water year and 5 year moving mean precipitation.

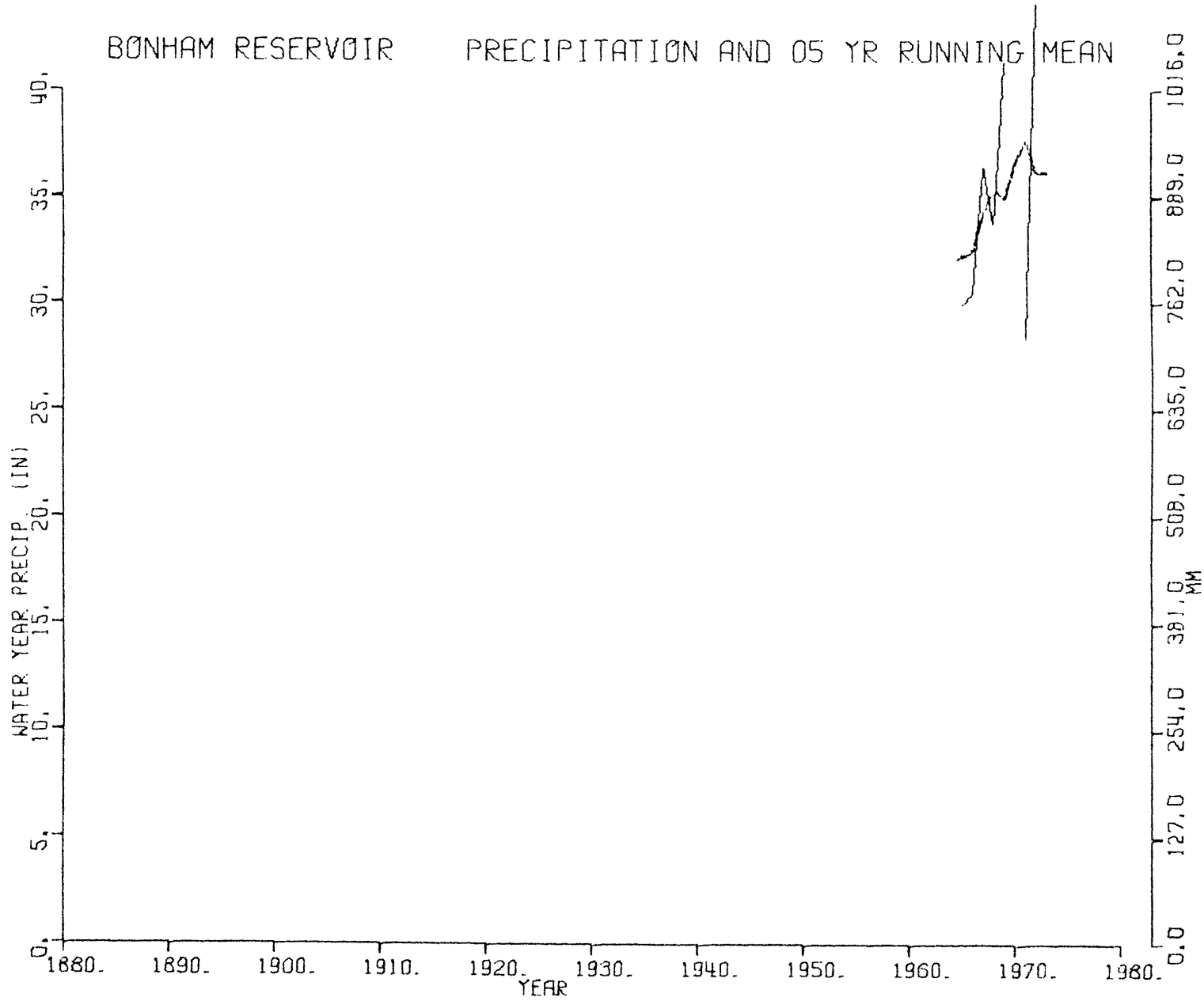




Figure 3a. Mean monthly precipitation for period of record.

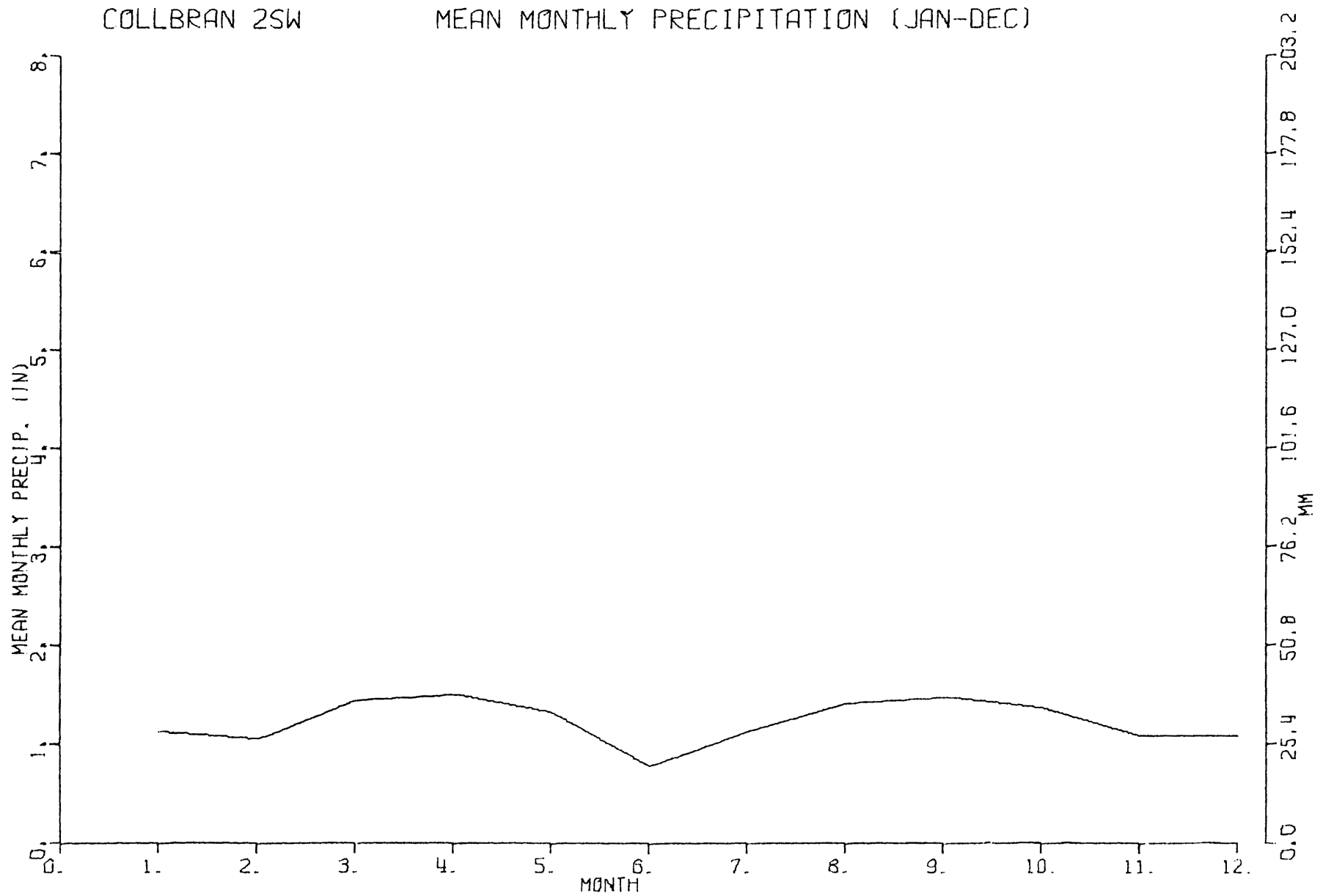


Figure 3b. Water year and 5 year moving mean precipitation.

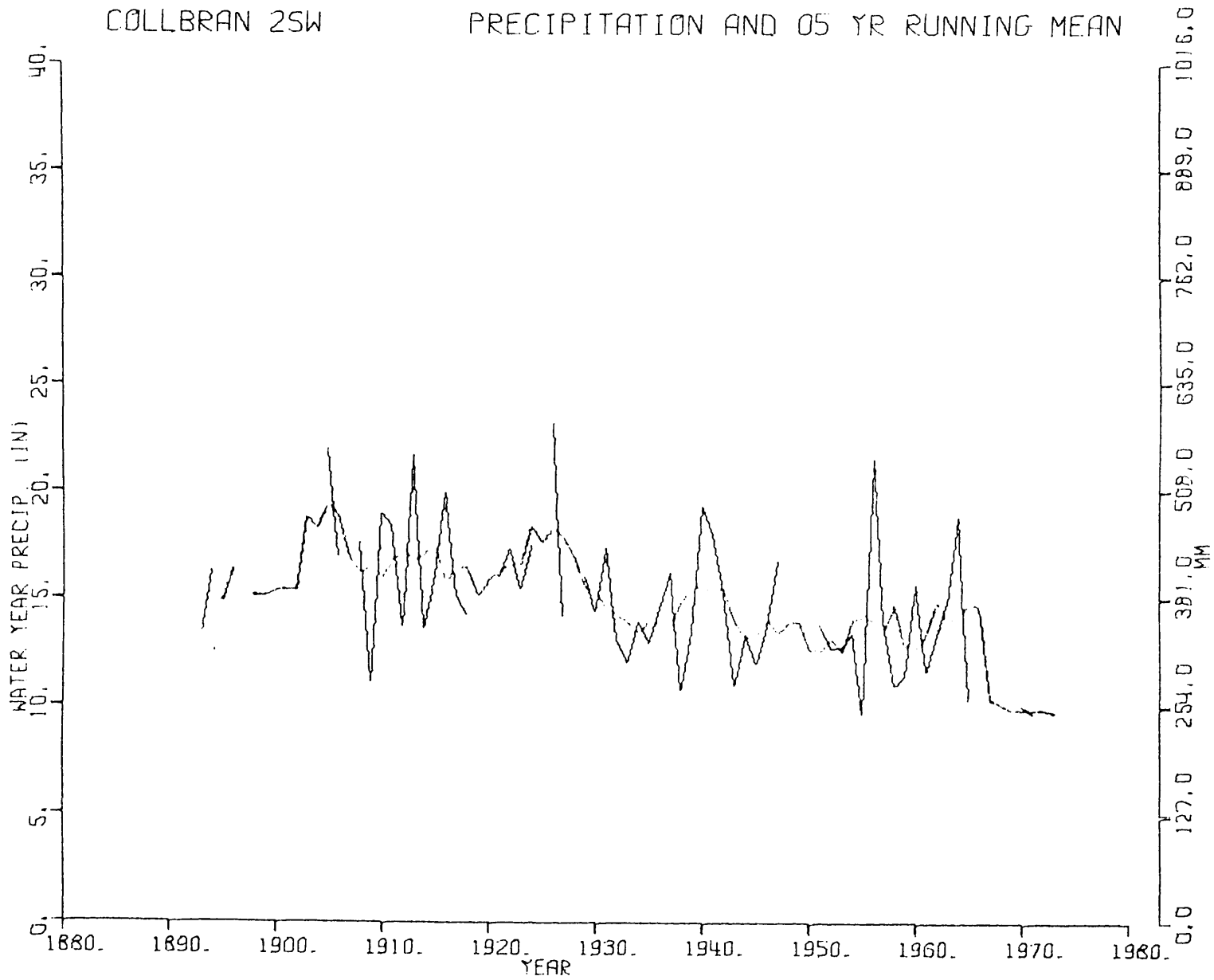


Figure 4a. Mean monthly precipitation for period of record.

COLORADO NATIONAL MOEAN MONTHLY PRECIPITATION (JAN-DEC)

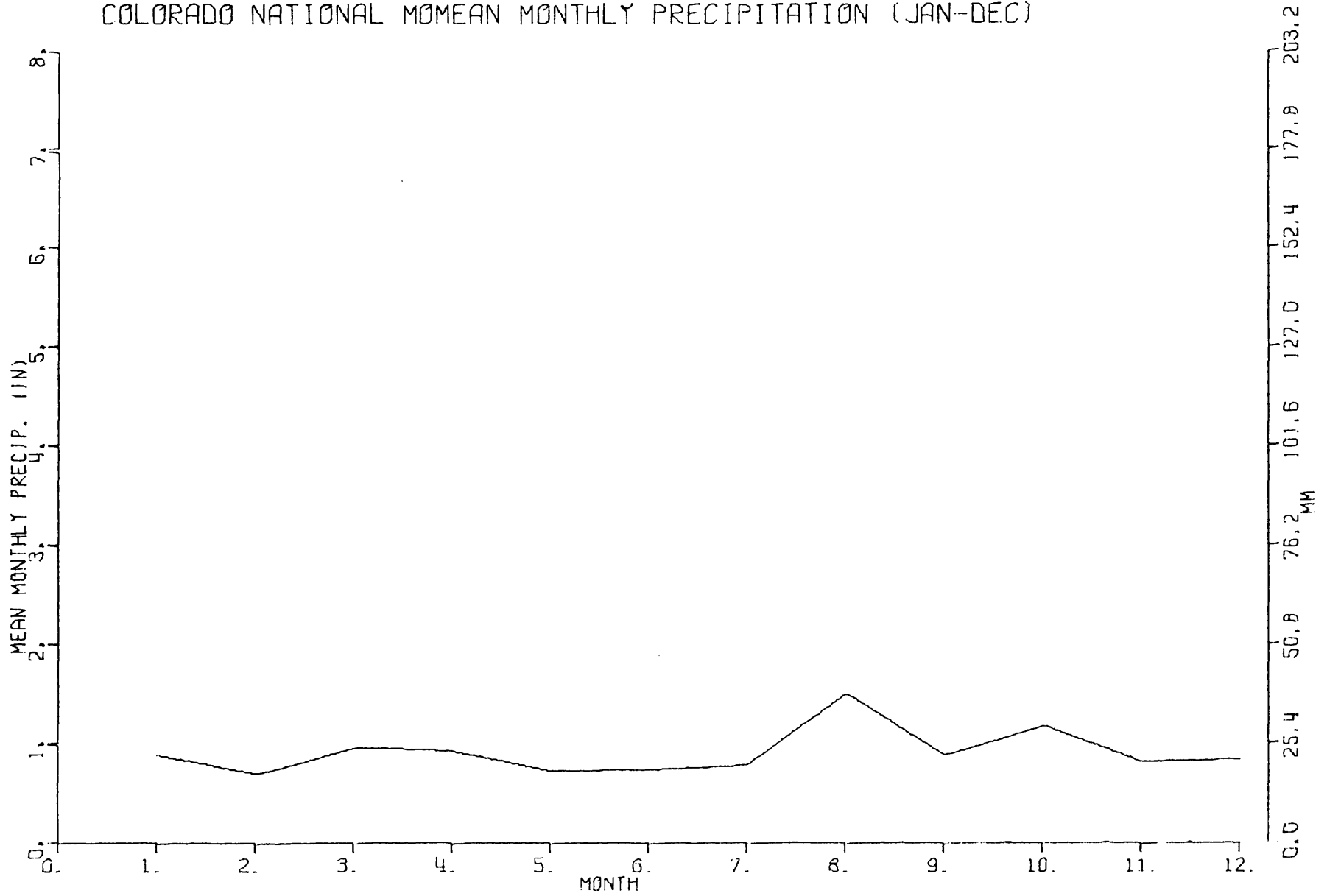


Figure 4b. Water year and 5 year moving mean precipitation.

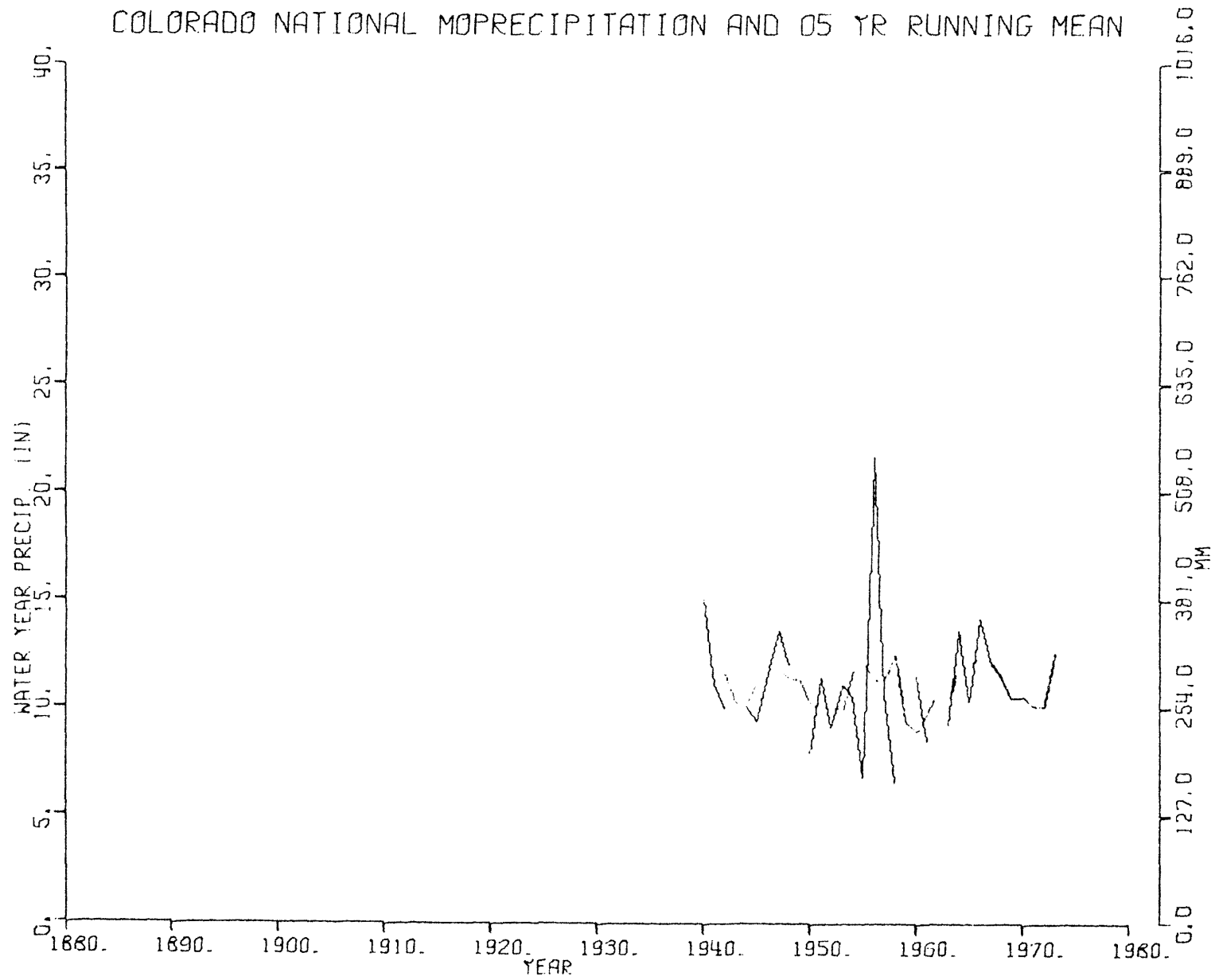


Figure 5a. Mean monthly precipitation for period of record.

FRUITA

MEAN MONTHLY PRECIPITATION (JAN-DEC)

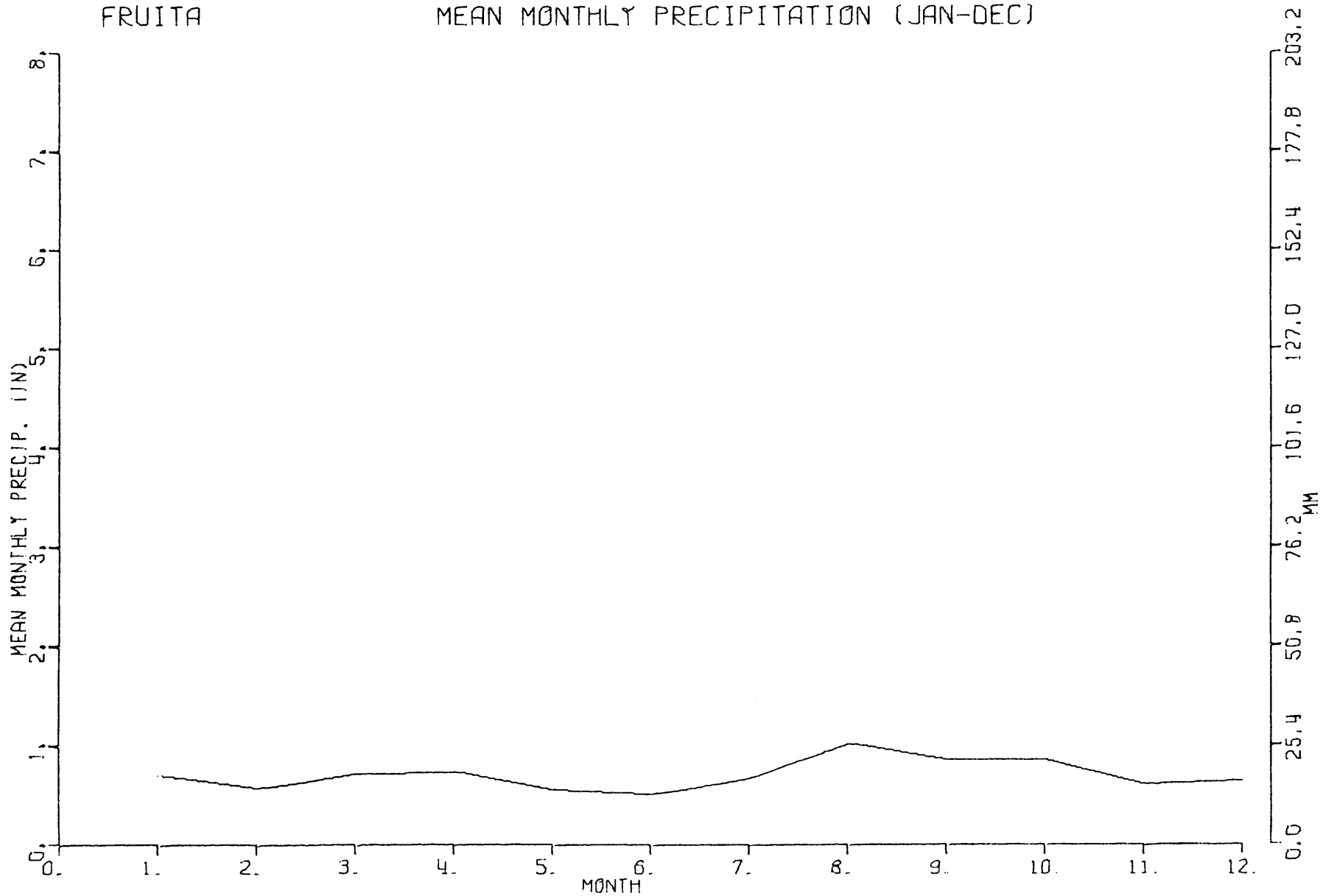


Figure 5b. Water year and 5 year moving mean precipitation.

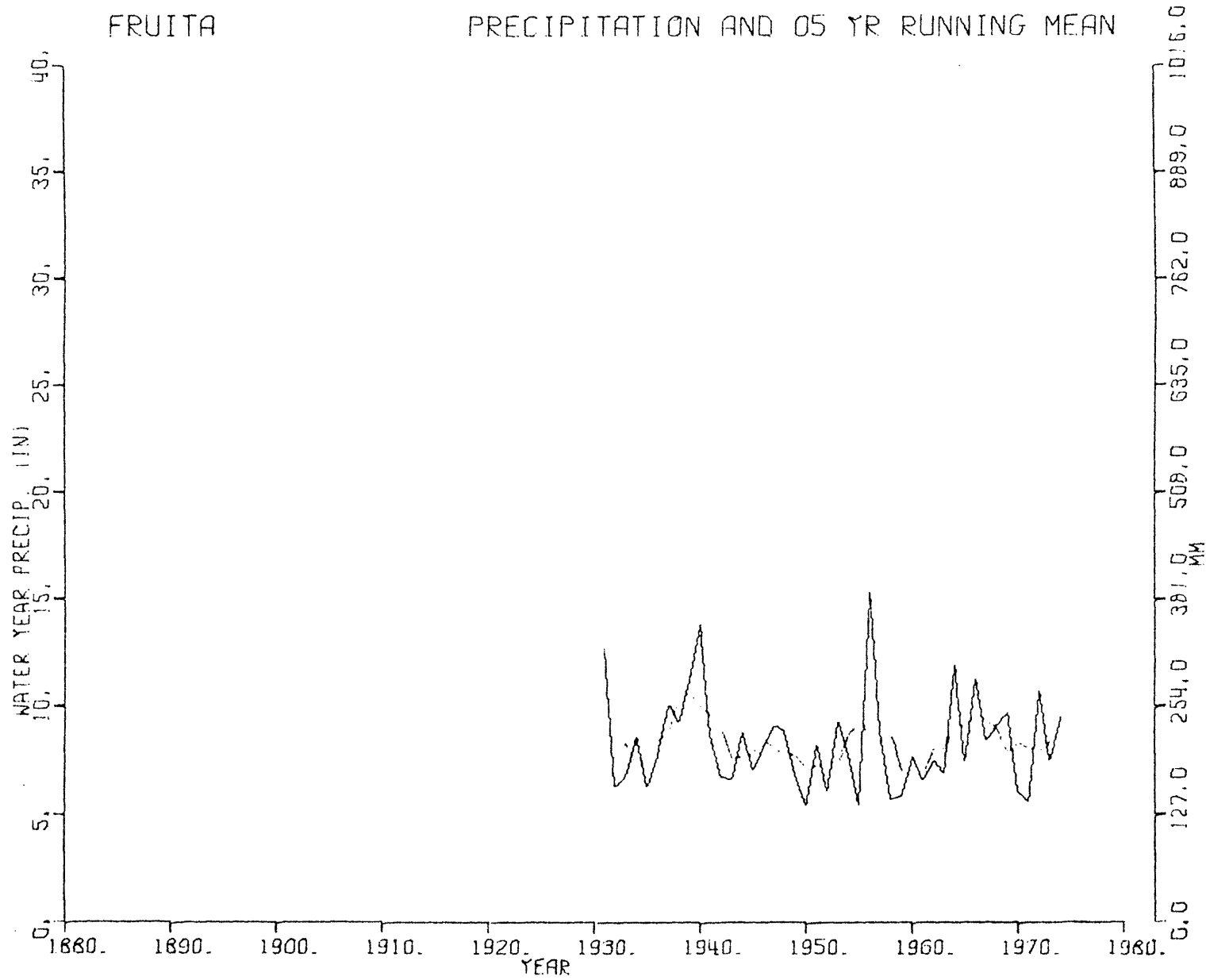


Figure 6a. Mean monthly precipitation for period of record.

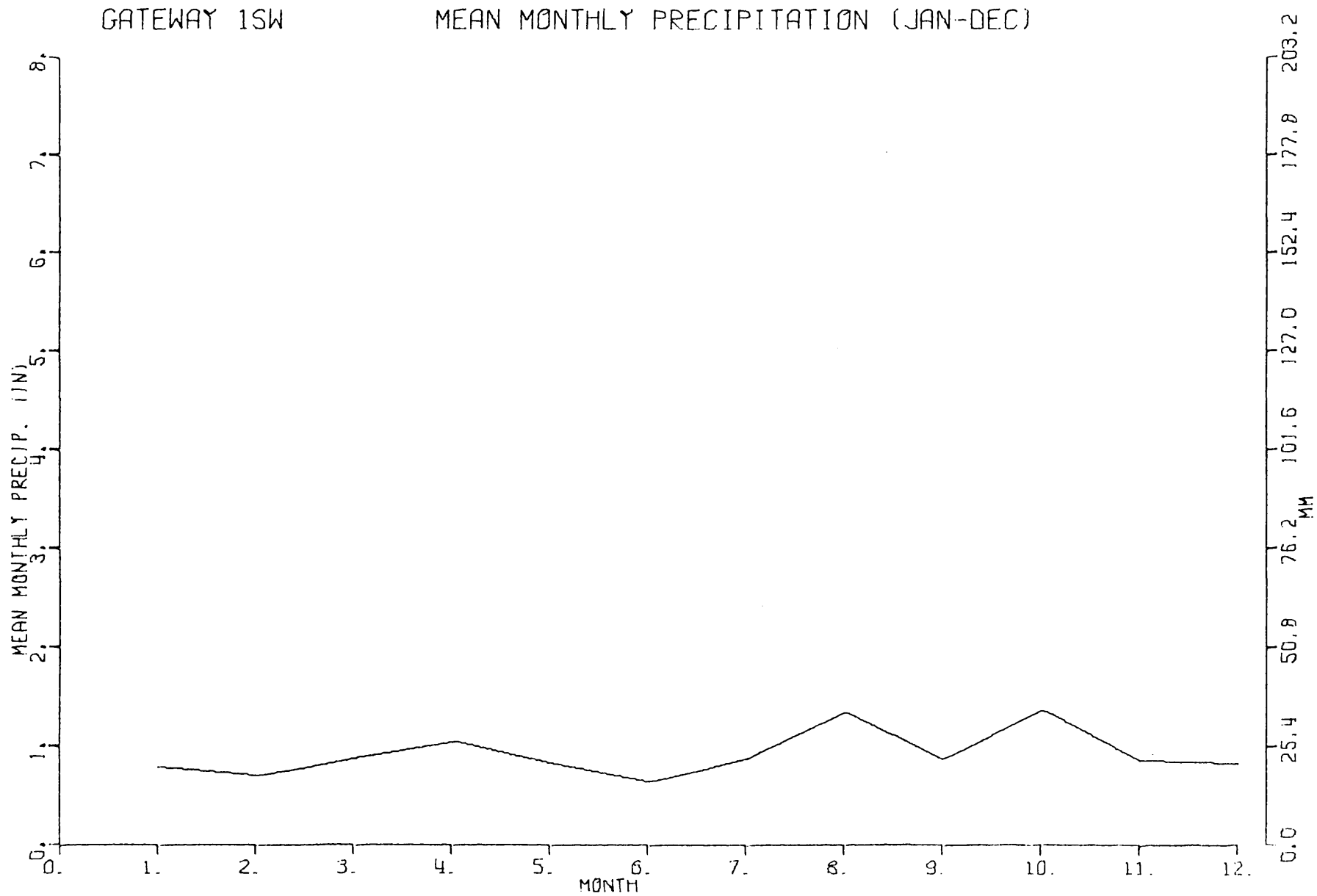


Figure 6b. Water year and 5 year moving mean precipitation.

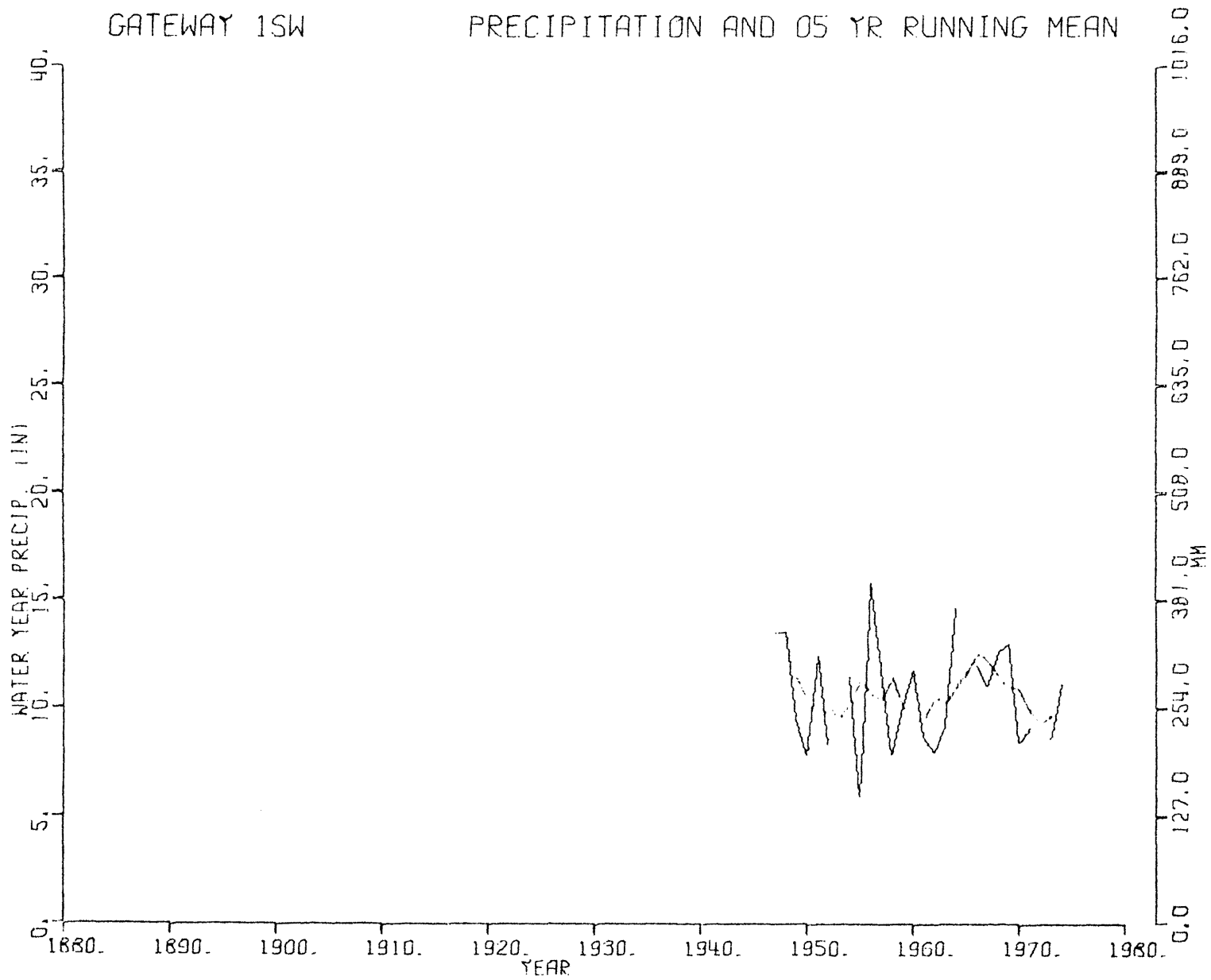




Figure 7a. Mean monthly precipitation for period of record.

GRANDJUNCTION WSO APMEAN MONTHLY PRECIPITATION (JAN-DEC)

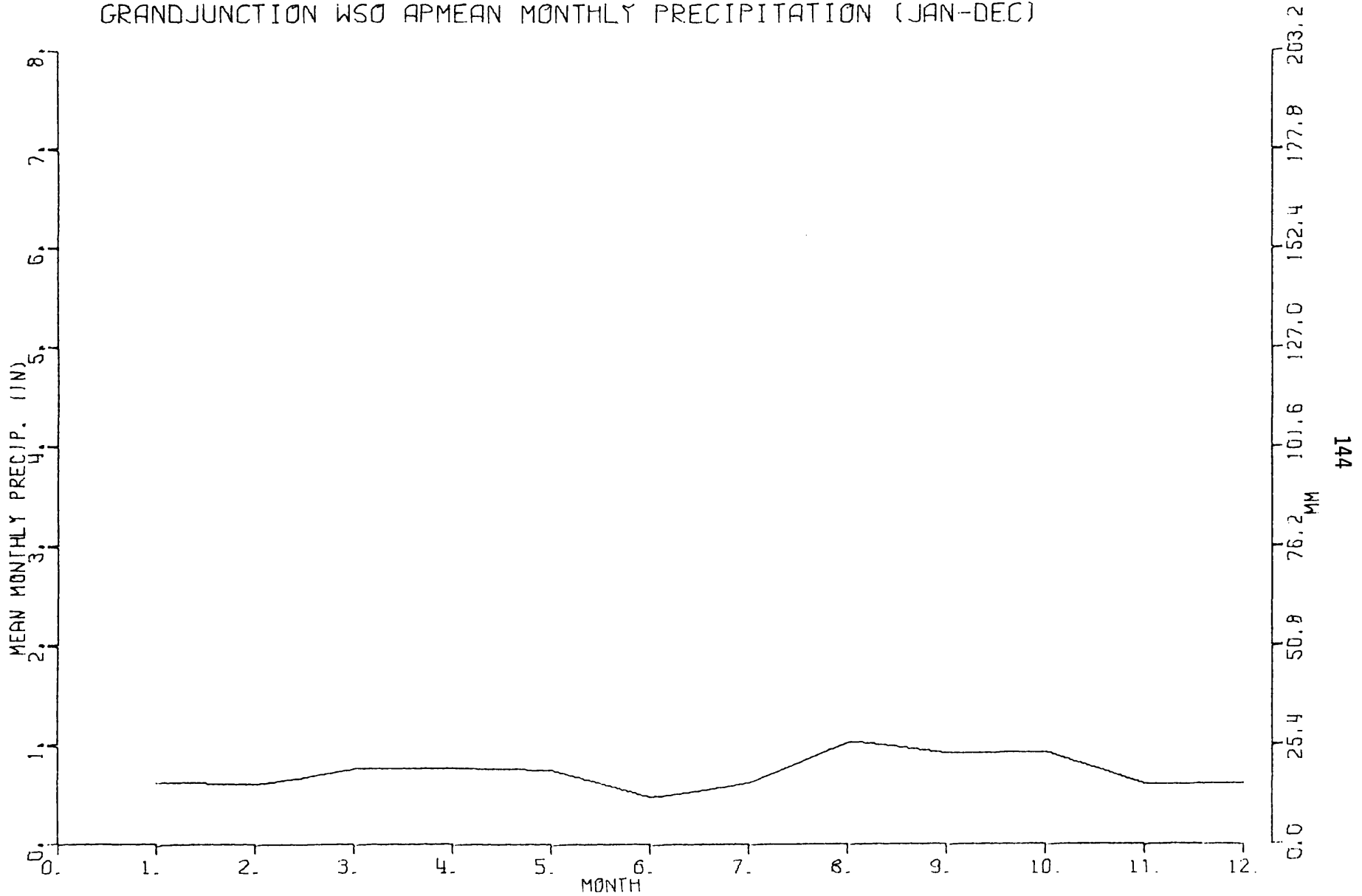


Figure 7b. Water year and 5 year moving mean precipitation.

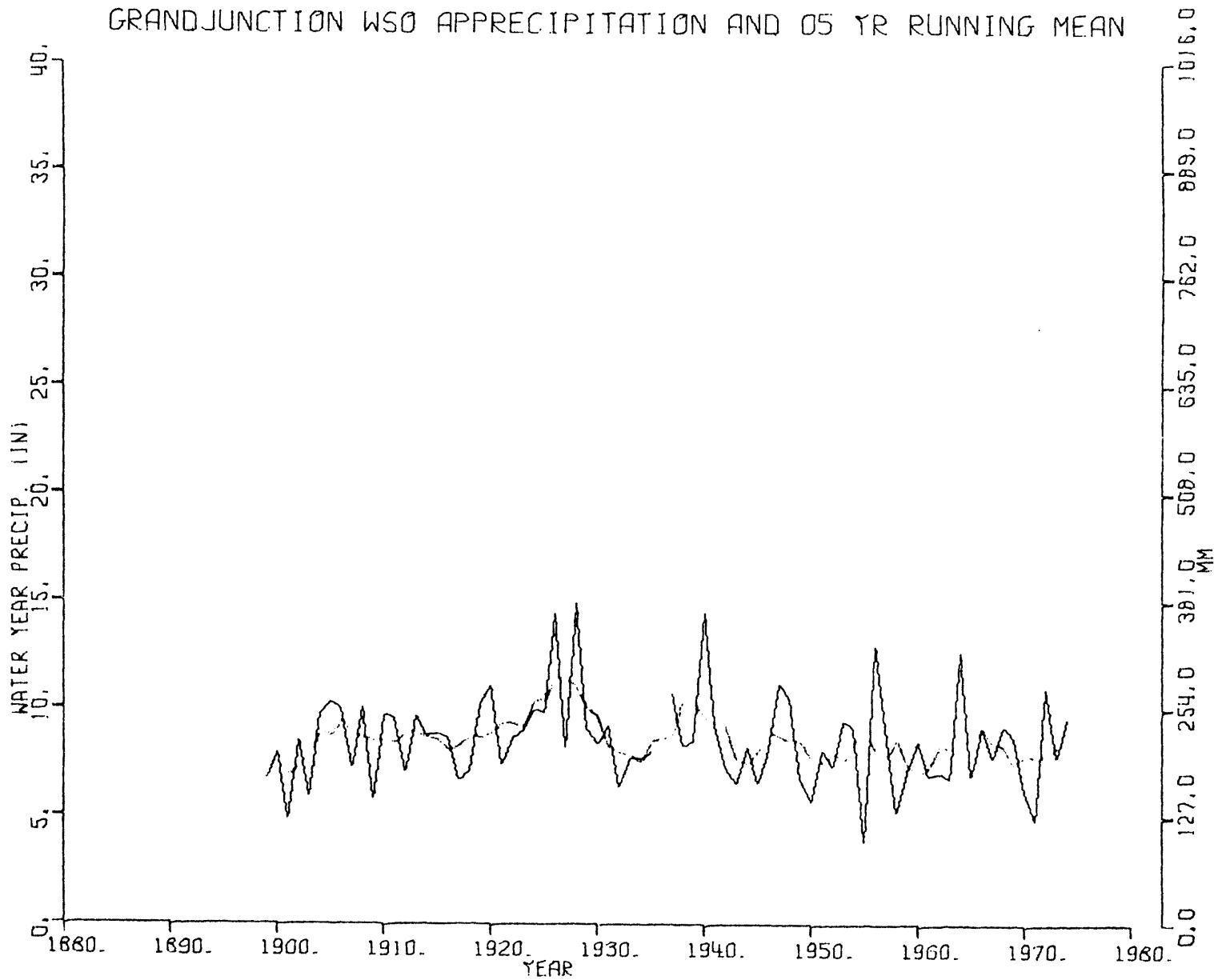


Figure 8a. Mean monthly precipitation for period of record.

GRAND JUNCTION & ESEMEAN MONTHLY PRECIPITATION (JAN-DEC)

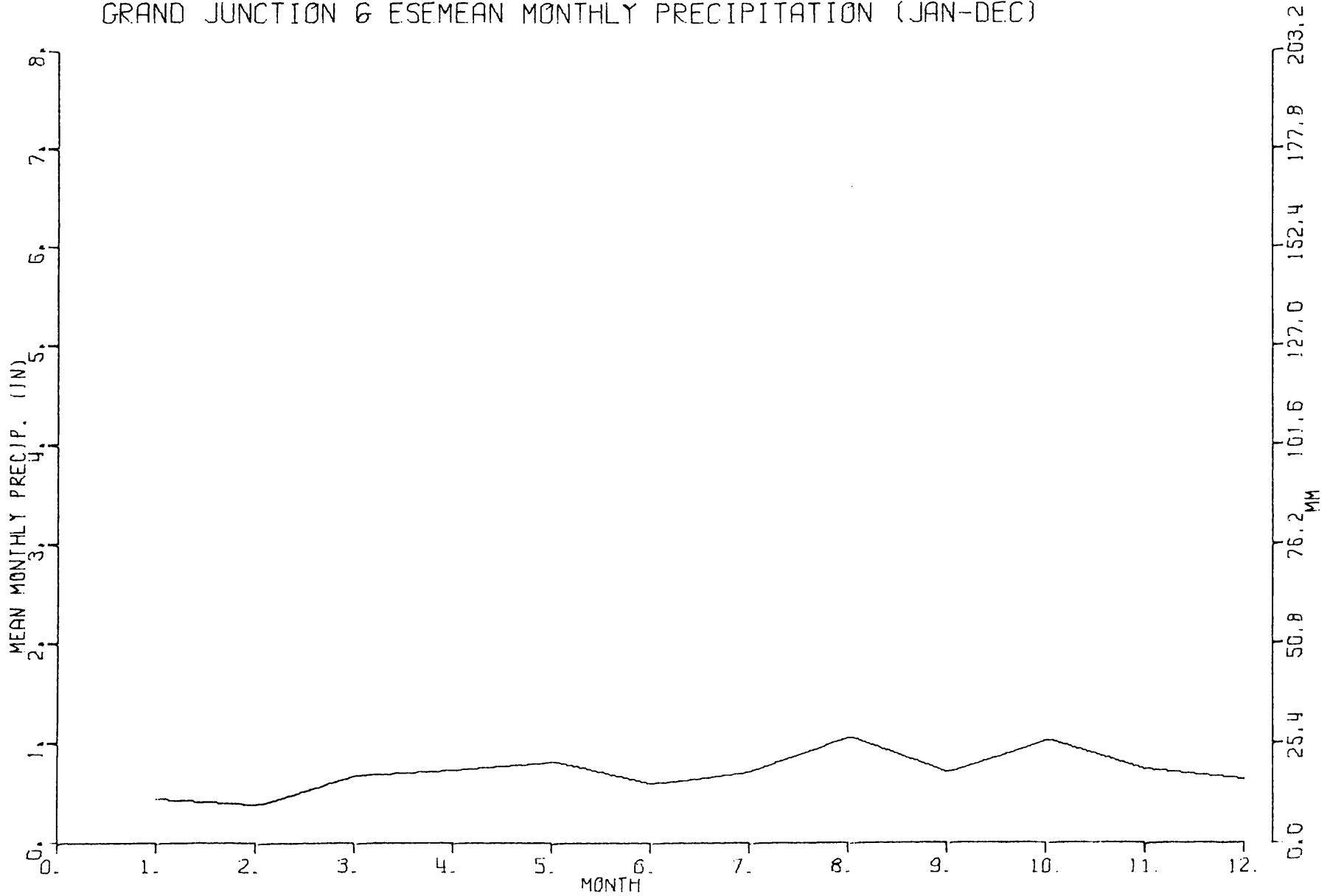


Figure 8b. Water year and 5 year moving mean precipitation.

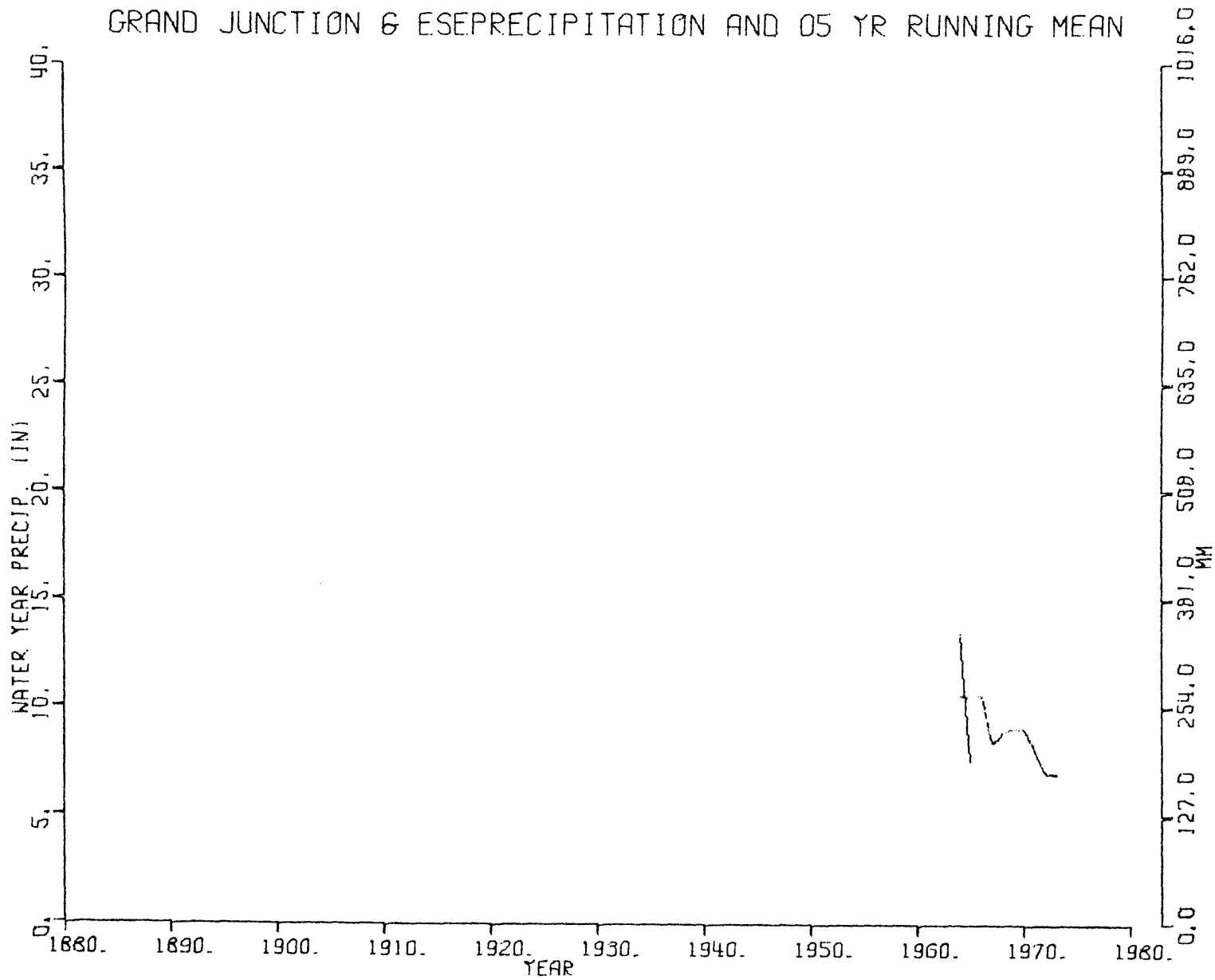


Figure 9a. Mean monthly precipitation for period of record.

GRAND VALLEY

MEAN MONTHLY PRECIPITATION (JAN-DEC)

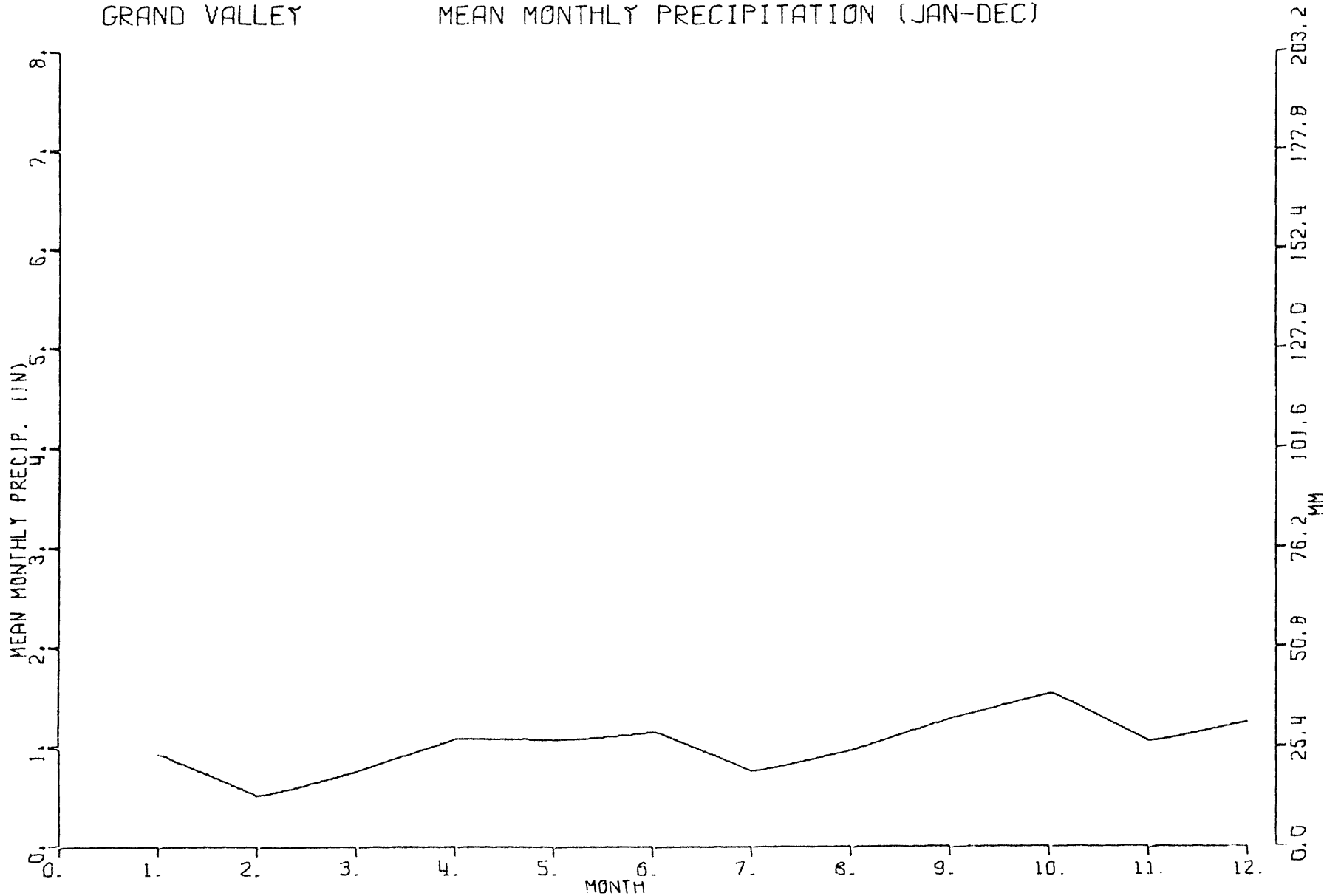


Figure 9b. Water year and 5 year moving mean precipitation.

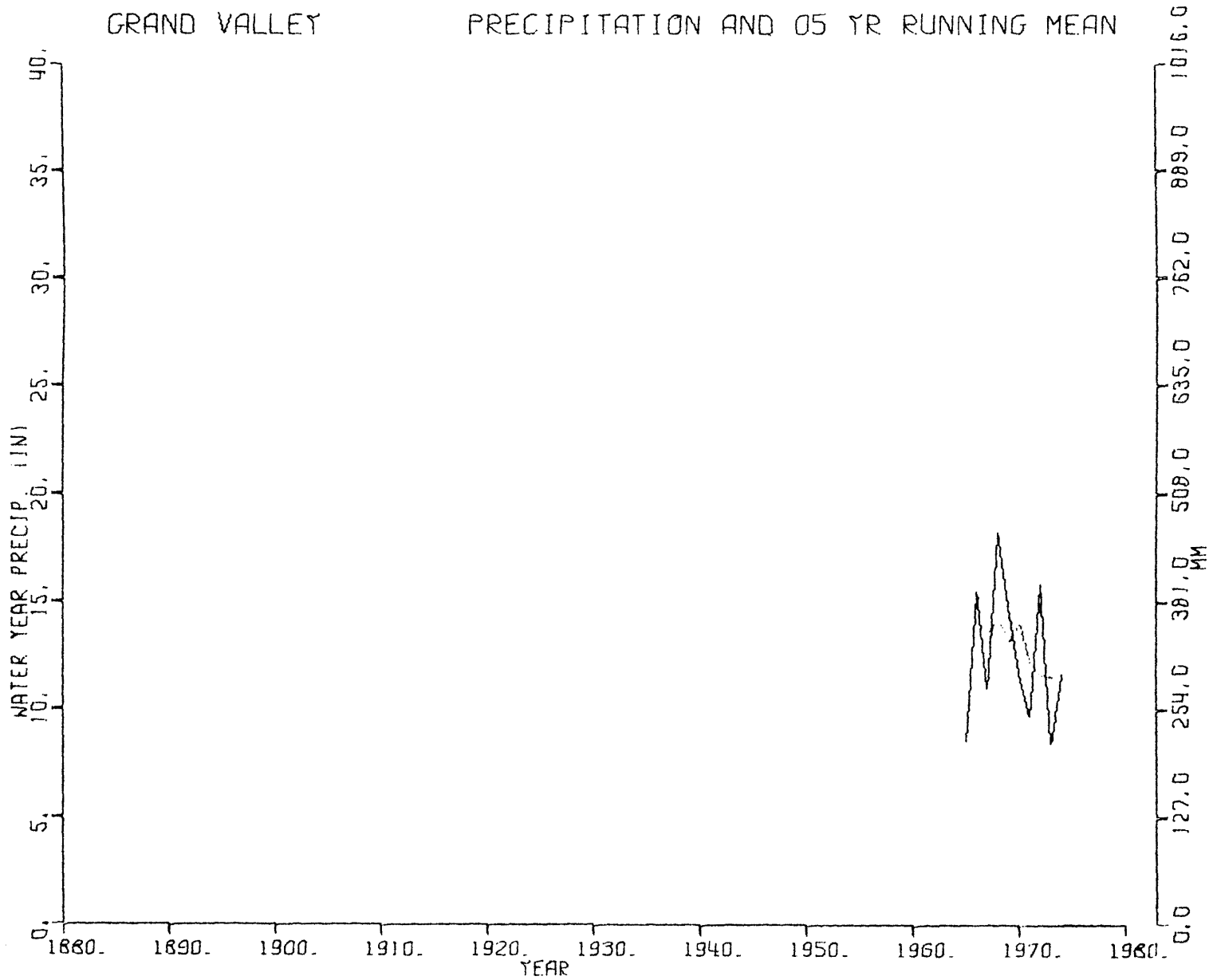


Figure 10a. Mean monthly precipitation for period of record.

LITTLE HILLS

MEAN MONTHLY PRECIPITATION (JAN-DEC)

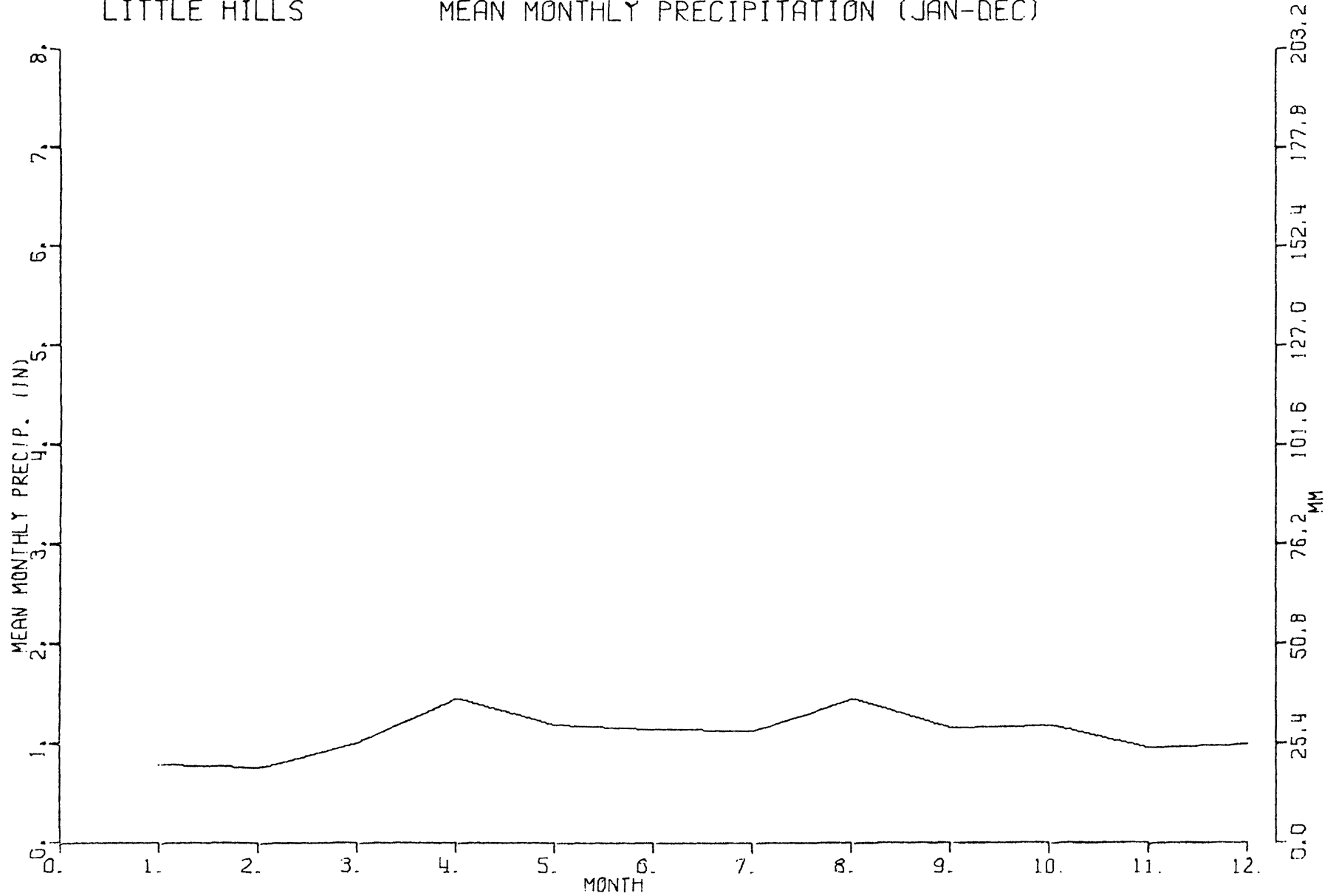


Figure 10b. Water year and 5 year moving mean precipitation.

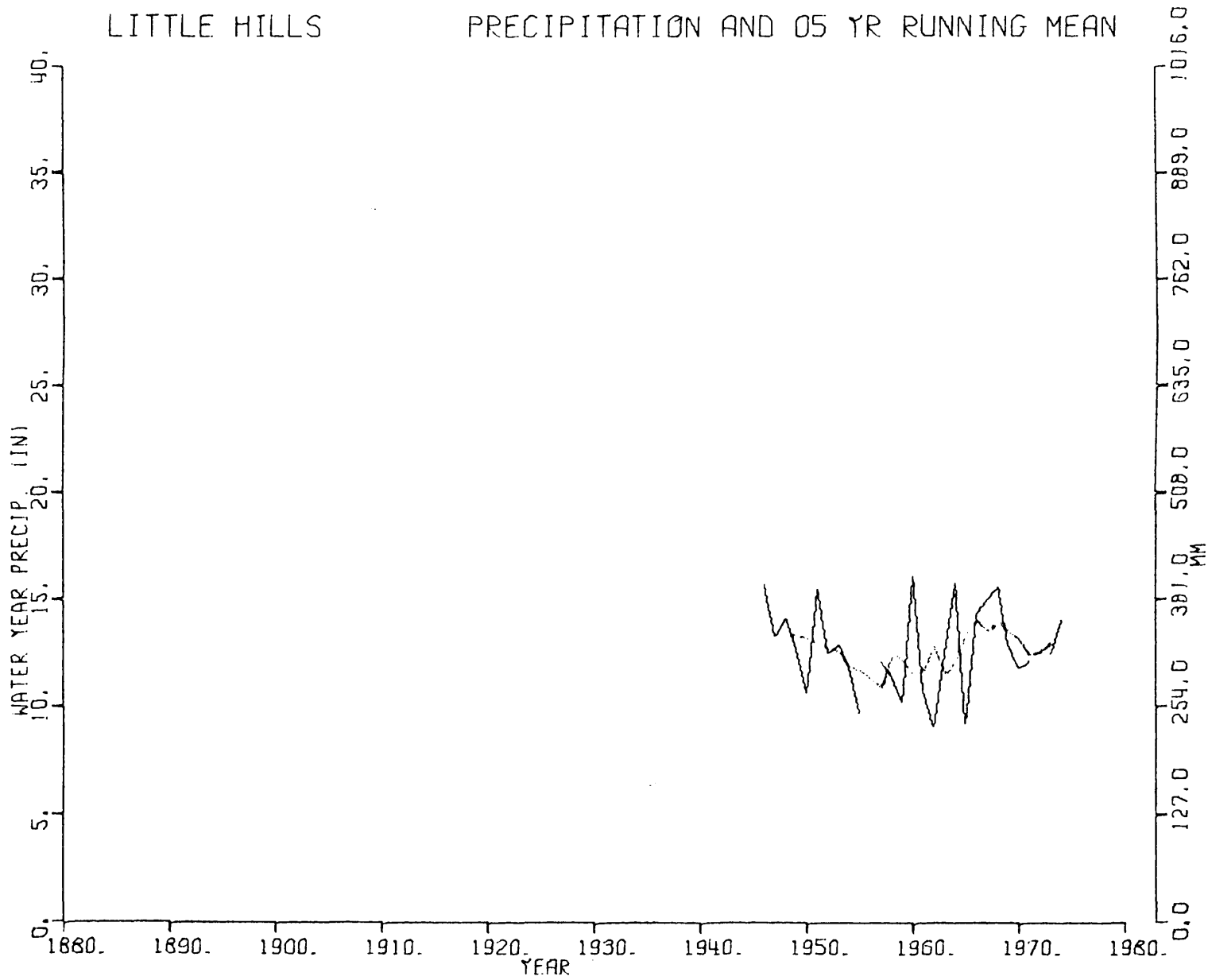




Figure 11a. Mean monthly precipitation for period of record.

MESA LAKES RESORT MEAN MONTHLY PRECIPITATION (JAN-DEC)

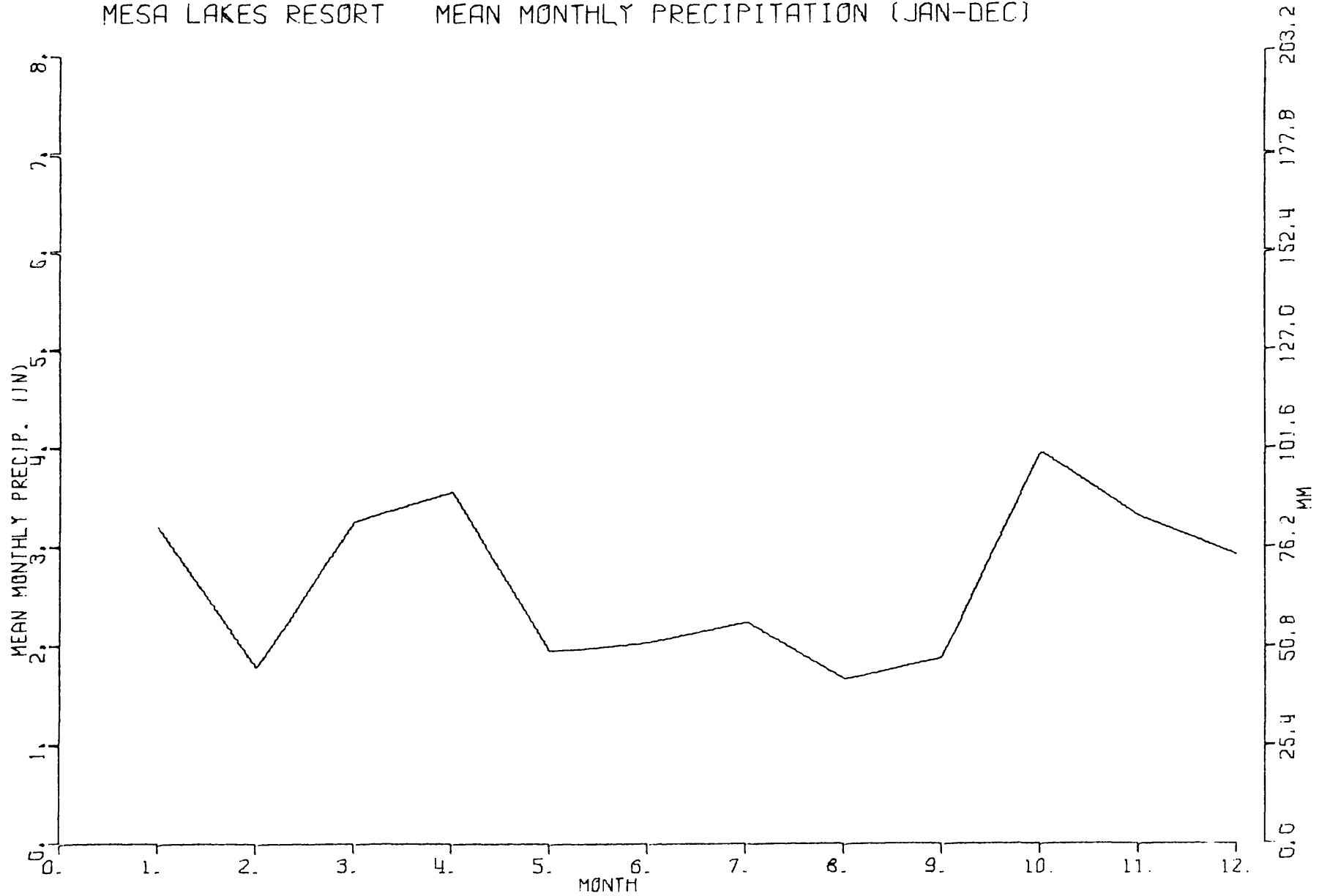


Figure 11b. Water year and 5 year moving mean precipitation.

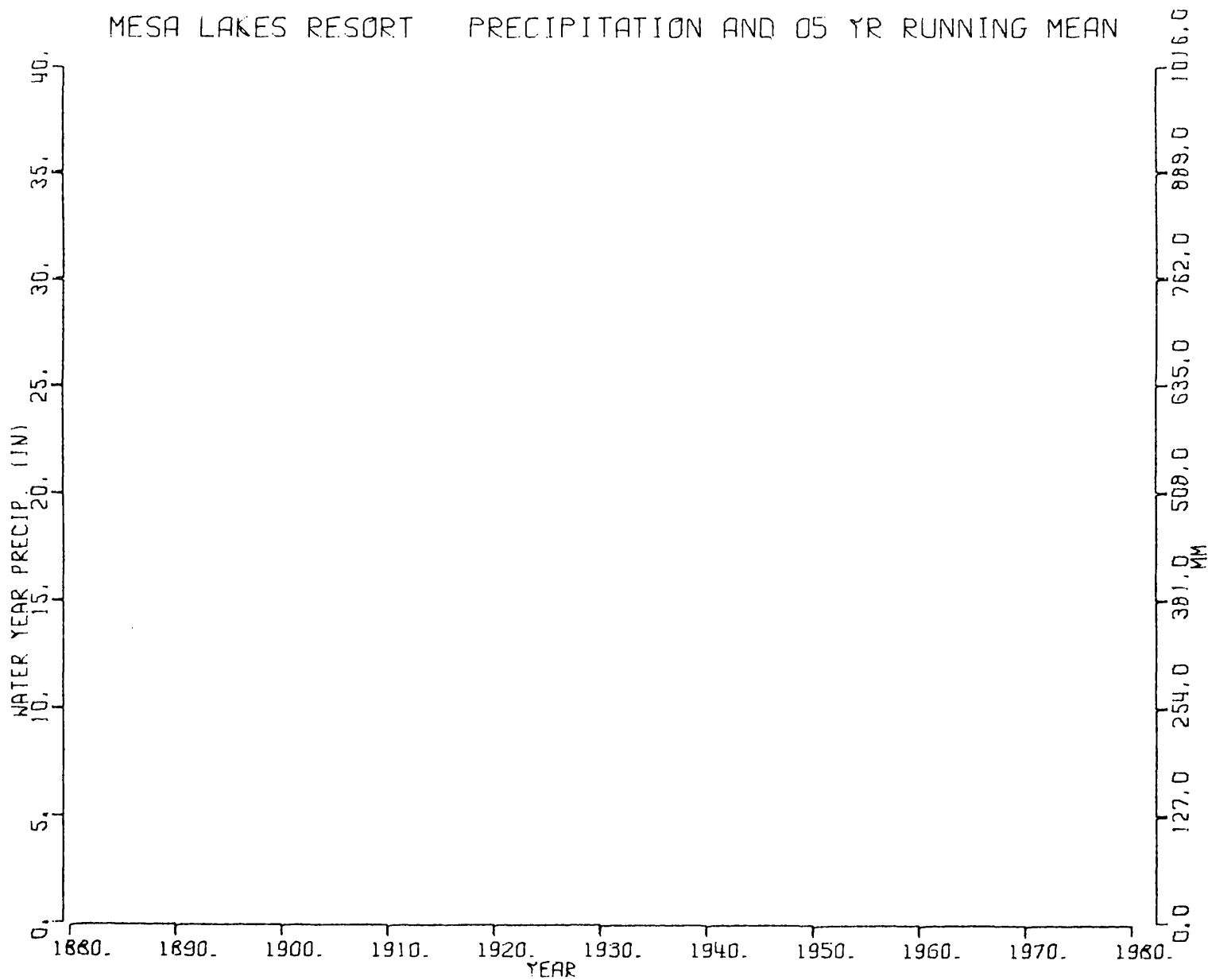


Figure 12a. Mean monthly precipitation for period of record.

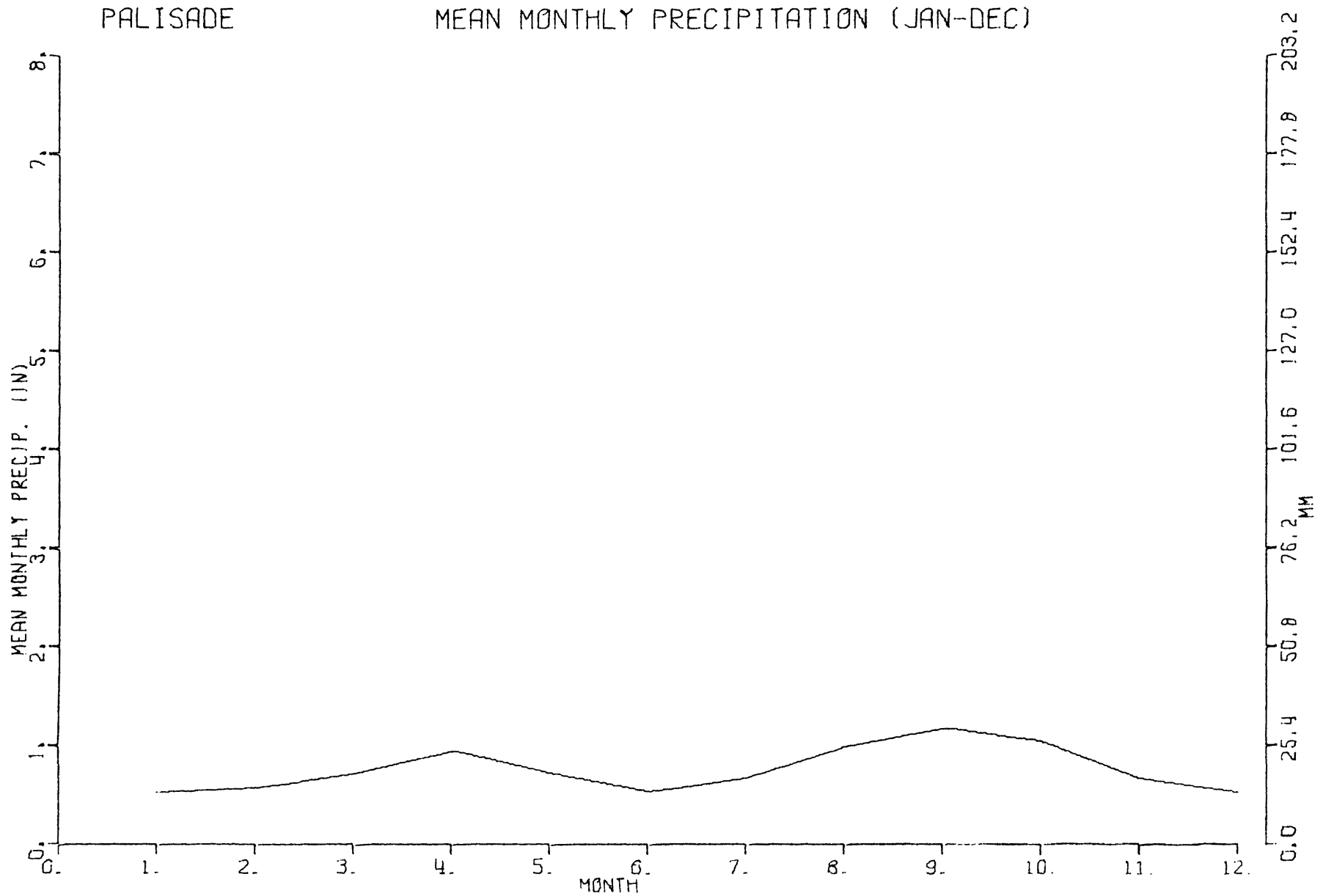


Figure 12b. Water year and 5 year moving mean precipitation.

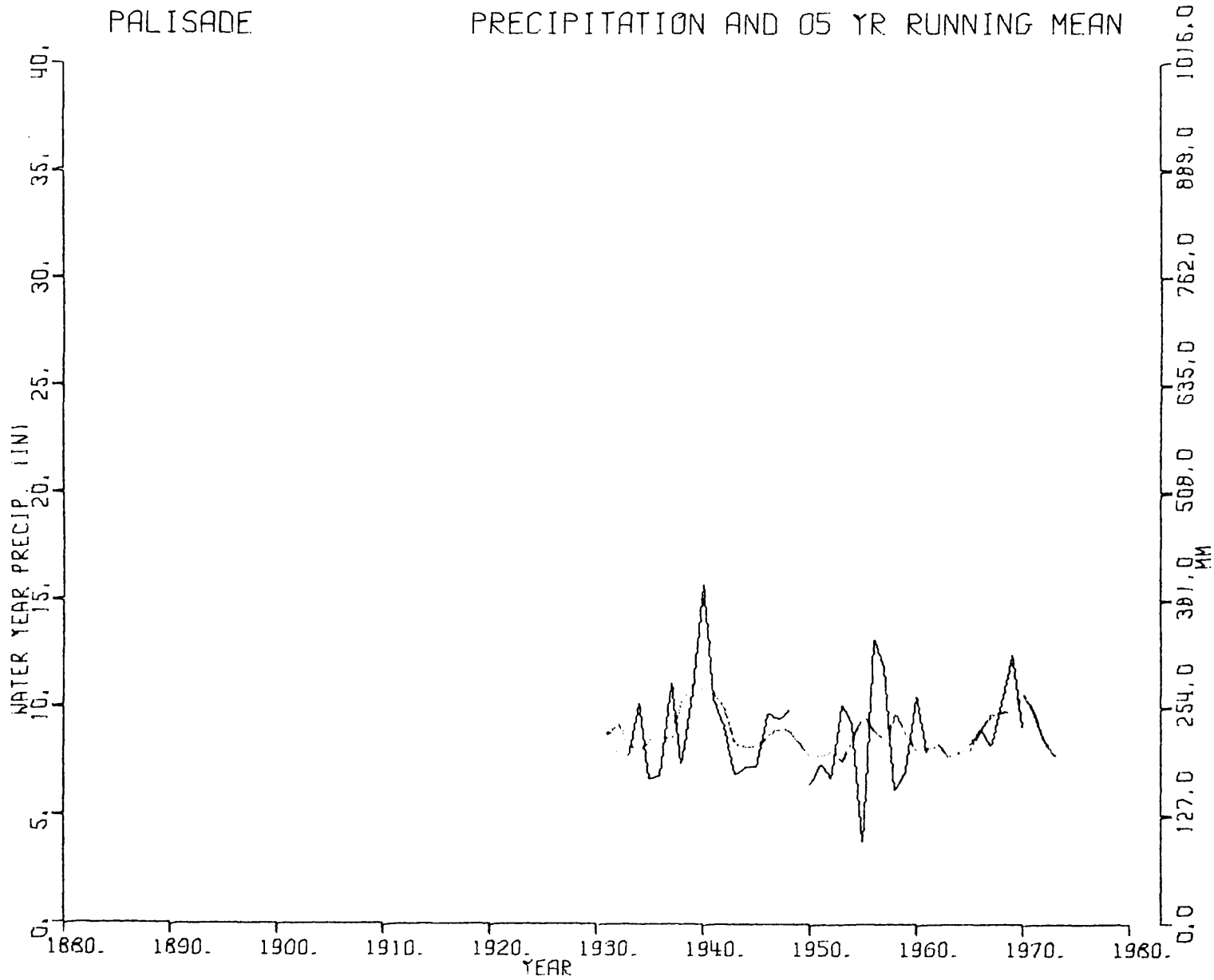


Figure 13a. Mean monthly precipitation for period of record.

RIFLE

MEAN MONTHLY PRECIPITATION (JAN-DEC)

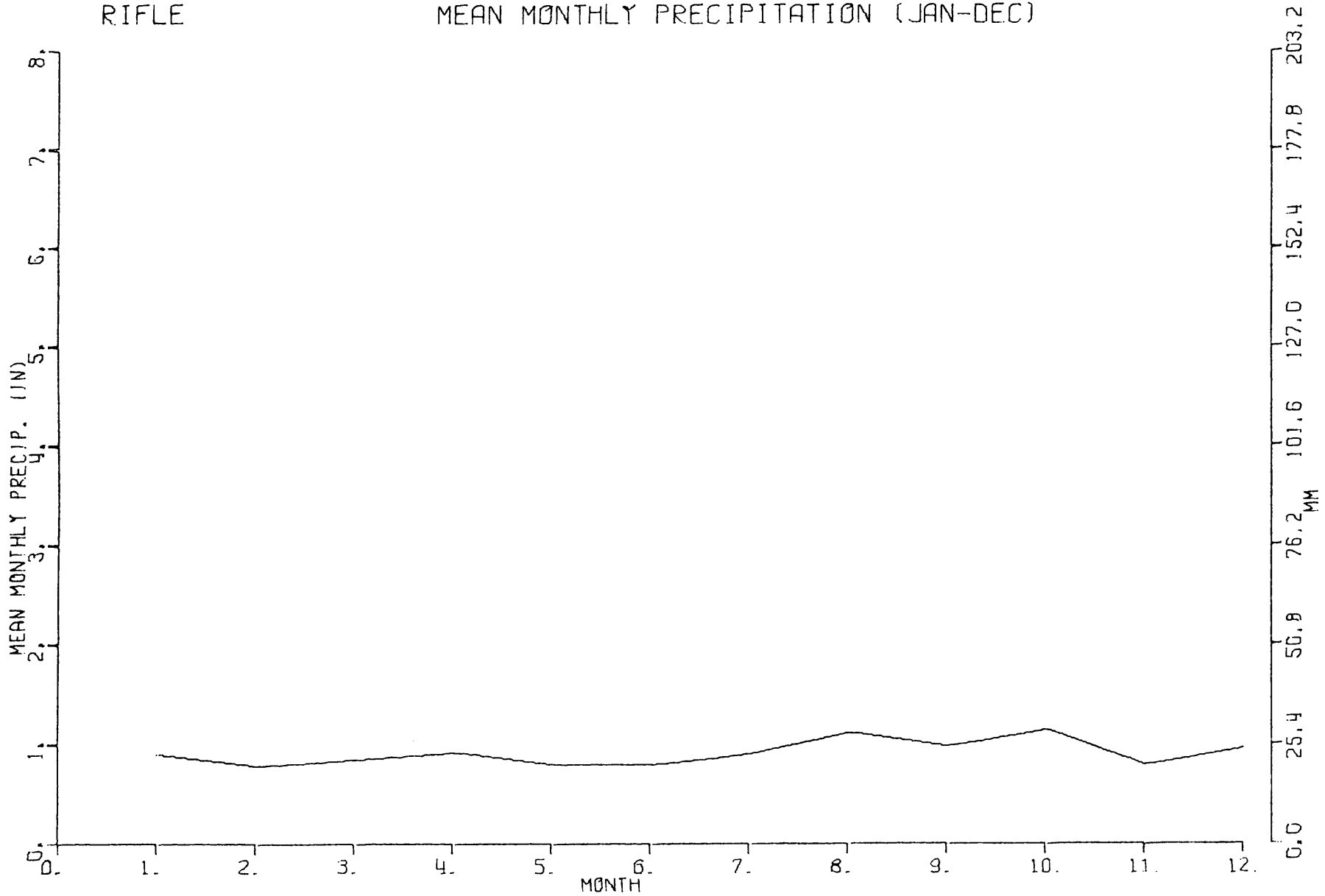


Figure 13b. Water year and 5 year moving mean precipitation.

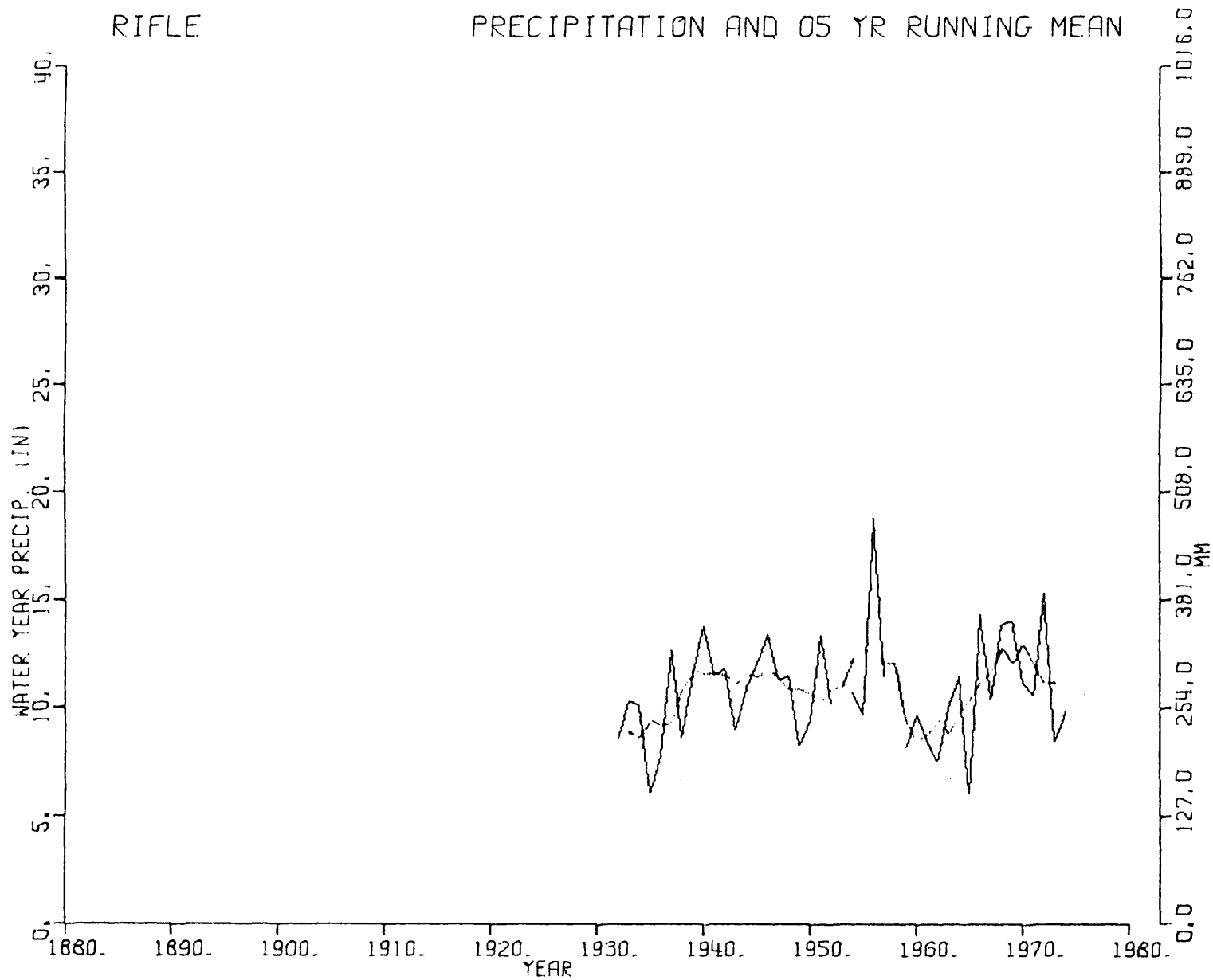


Table 14. Regression analysis of water year precipitation versus time.

Station	Slope	Intercept	S.E.*	R	N	F-value
Alternbern	- .13	275.10	.08	.31	28	2.84
Bonham Reservoir	1.16	-2250.07	.92	.49	7	1.59
Collbran 2 SW	- .07	143.51	.02	.43	60	13.10
Colorado Nat. Mon.	- .01	28.73	.06	.03	27	.02
Fruita	- .01	27.31	.03	.05	44	.12
Gateway 1 SW	- .02	48.99	.06	.06	25	.09
Grand Junction WSO AP	- .01	20.90	.01	.07	75	.31
Grand Junction 6 ESE	- .47	931.44	.39	.65	4	1.47
Grand Valley	- .15	315.73	.40	.14	10	.15
Little Hills	- .002	17.04	.05	.01	27	.002
Mesa Lakes Resort	Only 3 years of data					
Palisade	- .01	23.54	.03	.04	37	.05
Rifle	.03	- 42.77	.03	.14	41	.75

\*S.E. = Standard error of the slope  
R = Correlation coefficient  
N = Sample size (# of years of data)  
F-value = Calculated F-statistic

## VI. MAXIMUM TEMPERATURE CLIMATOLOGY



Table 14a. Time series and statistical summary of maximum temperature.

STATION 214 ALTENBERN

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1947	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1948	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1949	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1950	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1951	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1952	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1953	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1954	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1955	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1956	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1957	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1958	71.00	52.60	45.80	38.10	42.80	52.20	64.20	73.30	88.10	91.80	86.30	76.10	65.19
1959	64.90	50.90	42.70	36.10	35.90	53.10	65.90	73.70	87.50	92.60	90.30	81.20	64.52
1960	66.30	52.20	40.40	42.50	47.60	50.60	60.80	74.20	88.70	91.20	88.40	70.00	64.41
1961	64.70	47.20	34.30	34.30	43.90	47.00	67.50	71.90	83.40	89.30	84.50	79.80	62.73
1962	69.60	56.10	43.10	29.10	48.80	52.00	62.00	78.50	83.60	94.40	83.80	82.60	65.30
1963	73.80	54.00	39.00	34.90	37.30	44.10	59.00	73.00	82.40	94.80	85.50	80.00	63.15
1964	73.60	46.70	35.60	39.70	37.60	46.30	59.00	68.50	77.40	87.90	84.00	70.10	60.82
1965	70.90	54.10	40.20	35.10	37.60	41.00	55.60	76.00	82.20	90.30	86.60	79.50	64.32
1966	64.10	53.60	35.40	35.20	43.50	56.30	60.40	69.80	75.80	86.70	83.00	77.10	61.99
1967	67.00	54.50	31.00	33.40	42.70	53.70	55.50	68.30	83.40	87.50	77.80	75.40	60.85
1968	65.70	45.10	35.50	37.40	40.50	47.10	64.20	77.90	77.20	88.10	87.30	77.30	62.11
1969	55.00	48.70	41.20	37.60	50.20	47.80	56.90	74.50	80.10	87.90	86.90	74.20	61.58
1970	57.60	50.10	39.90	36.00	42.00	52.70	63.60	69.60	84.20	89.90	87.70	72.60	62.16
1971	61.50	46.50	33.40	40.60	49.40	61.10	64.20	73.70	82.30	89.40	85.50	75.80	63.62
1972	60.30	42.00	32.50	28.60	40.50	48.40	57.50	70.80	79.50	86.30	89.50	74.60	58.87
1973	67.80	51.20	37.70	29.10	37.00	56.30	59.80	77.20	86.20	87.60	84.60	77.10	62.63
1974	65.80	49.20	35.10	32.50	38.60	48.50	56.30	68.00	78.90	87.10	84.70	77.10	60.15
1975	66.60	48.10	37.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	18	18	18	17	17	17	17	17	17	17	17	18	17
MEAN	65.90	50.16	37.87	35.31	42.31	51.34	61.18	72.88	82.41	89.58	85.85	76.56	62.61
STD DEV	5.06	3.77	3.99	3.97	4.51	4.46	3.83	3.36	3.88	2.61	2.78	3.46	1.82
CV	.08	.08	.11	.11	.11	.09	.06	.05	.05	.03	.03	.05	.03
STD ERR	1.19	.89	.94	.96	1.09	1.08	.93	.81	.94	.63	.67	.82	.44
MAX	73.80	56.10	45.80	42.50	50.20	61.10	67.50	78.50	88.70	94.80	90.30	82.60	65.30
MIN	55.00	42.00	31.00	28.60	35.90	44.10	54.90	68.00	75.80	86.30	77.80	70.00	58.87
RANGE	18.80	14.10	14.80	13.90	14.30	17.00	12.60	10.50	12.90	8.50	12.50	12.60	6.43

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 14b. Time series and statistical summary of maximum temperature.

STATION 1741 COLLBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1893	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1894	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1895	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1896	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1897	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1898	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1899	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1900	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1901	62.10	21.70	41.00	36.60	44.00	50.10	60.70	75.10	81.20	93.60	85.70	79.00	99.90
1902	67.60	47.90	35.80	35.80	44.80	47.20	66.40	78.40	86.40	85.60	86.80	79.10	64.56
1903	66.70	54.60	39.70	34.30	47.30	54.30	65.20	71.80	78.70	84.60	87.20	73.80	60.12
1904	66.30	999.90	39.20	34.90	39.50	54.30	61.40	67.10	999.90	85.60	83.90	81.00	999.90
1905	62.40	53.90	32.50	37.00	47.10	48.80	62.20	69.80	83.40	86.30	87.50	77.40	999.90
1906	66.30	48.40	43.10	40.10	53.90	55.90	64.70	69.00	79.70	83.50	84.40	76.20	61.46
1907	69.90	50.70	39.40	37.40	40.80	55.70	999.90	65.40	76.20	86.70	82.60	77.80	63.46
1908	55.80	46.90	35.20	37.80	37.40	47.70	53.30	63.70	74.60	83.80	79.50	73.80	999.90
1909	65.40	48.10	26.20	34.10	37.00	58.70	62.20	69.00	78.90	84.30	81.20	71.80	57.83
1910	62.10	52.80	38.50	38.70	39.30	51.70	53.30	69.60	80.70	85.90	81.90	76.40	60.47
1911	58.00	42.80	32.60	34.40	35.60	44.90	53.50	64.50	76.50	79.60	81.50	73.60	60.18
1912	57.40	48.60	27.90	28.10	35.90	43.30	60.20	70.80	75.10	81.40	83.30	70.30	55.95
1913	52.20	48.40	30.90	35.60	38.60	49.10	58.80	69.20	76.80	82.90	82.50	77.30	59.02
1914	61.30	54.00	32.60	31.00	39.70	48.40	61.50	65.40	76.90	84.20	83.70	72.70	59.32
1915	65.60	46.50	35.30	33.20	40.60	53.90	61.00	67.00	78.90	85.40	79.10	73.80	60.02
1916	59.30	46.00	31.80	29.00	37.30	41.80	53.00	60.00	77.70	87.70	81.80	74.50	56.65
1917	63.60	54.40	44.90	31.20	33.00	53.50	54.30	68.20	83.30	83.30	82.30	74.10	61.03
1918	63.40	43.10	33.70	32.60	36.10	47.30	63.60	74.90	83.90	87.00	87.10	78.70	60.95
1919	59.90	48.30	36.90	30.80	43.40	45.60	51.80	71.10	79.40	87.20	83.10	75.10	60.03
1920	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1921	67.30	53.70	39.80	34.90	49.90	47.90	57.30	70.60	81.20	87.70	82.50	79.80	62.41
1922	65.80	47.40	40.00	42.30	41.70	44.50	58.80	70.30	80.30	87.50	80.00	74.20	61.01
1923	50.00	49.80	39.00	32.60	44.90	43.90	60.20	71.00	82.60	85.90	85.00	76.60	60.12
1924	63.50	50.60	31.40	31.20	42.30	51.80	64.30	77.30	81.70	88.60	79.60	75.00	61.38
1925	60.10	48.30	39.90	34.80	44.20	51.00	61.10	71.10	83.70	88.60	999.90	999.90	999.90
1926	67.00	50.70	34.80	39.80	42.90	48.10	60.10	70.80	80.70	86.00	80.30	73.40	61.22
1927	65.00	50.70	32.50	39.50	42.10	52.20	58.30	72.30	76.30	86.90	84.20	78.40	61.53
1928	63.50	46.20	33.50	33.40	33.50	46.00	56.20	69.50	81.40	86.60	85.40	999.90	999.90
1929	61.90	41.60	41.70	28.90	43.80	48.20	67.20	67.10	82.20	86.30	83.60	74.60	60.61
1930	62.20	47.10	32.40	35.10	43.40	48.40	63.10	69.40	85.20	90.50	86.30	77.10	61.68
1931	63.30	44.20	32.90	30.50	42.90	47.20	60.60	72.60	80.50	86.30	81.10	76.60	59.89
1932	62.50	48.50	30.40	34.00	31.50	50.60	57.80	66.80	87.20	91.20	85.40	79.90	60.48

Table 14b. (continued)

STATION 1741 COLLEBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1933	69.80	51.60	42.50	40.80	48.70	61.40	68.60	78.90	83.60	93.00	89.30	77.40	67.13
1934	69.80	50.00	39.00	40.10	43.20	49.80	59.40	64.90	83.90	89.30	85.60	77.40	62.87
1935	64.10	47.40	37.20	36.70	40.90	52.80	65.00	77.70	85.90	88.80	86.10	76.00	63.22
1936	63.70	49.10	37.70	35.90	38.30	50.20	61.50	75.70	80.60	86.70	86.50	78.00	61.16
1937	64.70	50.80	39.60	37.70	42.60	49.40	62.70	69.00	81.20	86.30	85.30	73.70	61.92
1938	63.20	42.50	37.30	35.60	31.70	49.50	63.80	75.60	81.80	90.20	86.20	75.50	61.50
1939	63.80	54.10	44.70	34.40	41.70	54.20	61.50	76.80	85.90	89.90	86.30	74.60	63.07
1940	63.80	44.70	38.10	37.30	43.70	49.50	55.70	73.10	77.30	85.40	82.10	70.20	60.07
1941	59.30	48.60	41.00	35.10	34.00	44.20	61.40	70.80	81.10	86.60	82.40	75.50	59.95
1942	63.70	52.60	45.80	41.40	45.50	50.30	70.40	69.90	78.80	87.10	80.20	77.20	63.29
1943	66.00	50.60	39.60	31.50	41.10	47.30	55.60	71.30	77.60	84.50	83.40	77.00	60.67
1944	65.50	48.00	40.30	39.50	43.80	49.90	56.50	72.30	75.80	85.40	81.60	73.50	61.02
1945	64.80	47.00	42.20	33.90	41.90	49.30	62.30	67.70	82.90	86.40	81.90	76.00	61.35
1946	65.80	45.50	42.10	33.50	44.30	51.60	61.00	74.30	78.00	86.80	81.50	78.50	61.21
1947	65.00	42.50	37.80	33.80	38.70	42.40	62.10	74.60	78.60	85.80	82.10	78.10	60.21
1948	65.10	39.70	37.80	33.50	99.90	99.90	66.40	69.10	76.50	84.20	89.10	81.40	99.90
1949	64.90	58.00	36.50	38.60	44.80	50.60	64.30	70.50	84.30	85.50	84.20	73.60	63.07
1950	73.00	53.00	42.80	36.50	43.40	51.40	62.00	73.20	79.40	89.70	99.90	76.80	99.90
1951	61.70	44.30	35.30	36.30	39.20	44.40	63.80	74.00	84.60	86.30	83.60	78.20	60.97
1952	70.20	46.50	38.40	44.60	44.00	54.90	59.60	66.00	83.60	88.70	83.90	82.80	63.60
1953	68.20	53.60	38.30	44.40	53.90	49.80	68.90	75.30	81.80	89.70	86.20	77.50	65.64
1954	63.90	58.70	38.10	35.40	49.00	60.30	69.90	70.80	78.60	89.60	86.70	81.70	62.85
1955	63.90	44.60	43.70	43.50	33.70	55.40	61.90	74.50	86.10	87.80	83.90	83.20	64.67
1956	69.40	45.90	38.80	36.80	46.40	51.60	57.40	64.30	79.10	85.30	83.00	76.70	61.22
1957	63.40	43.80	42.50	40.10	47.50	47.50	58.20	74.90	84.70	87.10	91.00	78.90	63.46
1958	69.60	53.30	47.40	40.30	44.20	52.10	62.70	71.80	85.50	89.40	86.60	76.20	64.87
1959	64.60	52.70	44.50	36.40	36.10	54.00	64.90	71.40	83.40	89.00	88.10	80.70	63.82
1960	65.60	53.00	41.80	44.70	47.80	50.00	59.80	73.10	85.40	88.20	86.10	69.90	63.68
1961	71.70	47.30	99.90	33.90	45.60	46.90	67.50	71.00	82.90	88.40	84.90	80.60	99.90
1962	71.70	57.20	45.10	33.10	49.80	51.50	62.60	78.10	82.20	92.10	88.60	82.90	65.78
1963	73.80	54.70	41.20	36.60	41.80	43.60	59.00	72.80	79.80	92.70	85.10	78.90	63.07
1964	73.50	48.00	36.40	40.90	38.90	45.90	60.00	69.20	77.60	85.90	84.40	71.70	61.27
1965	71.30	54.10	41.60	36.80	37.80	56.30	63.70	75.10	82.00	90.50	87.20	80.70	64.72
1966	66.10	54.80	40.20	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90
1967	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90
1968	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90
1969	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90
1970	57.90	48.00	39.40	33.60	47.00	48.90	60.20	68.00	82.30	87.90	86.00	72.30	60.69
1971	63.90	46.70	35.10	38.10	47.00	60.70	63.10	75.30	82.90	89.10	83.80	75.70	63.45
1972	61.00	40.40	32.60	29.30	40.10	49.60	56.50	99.90	78.60	84.80	84.00	72.90	99.90

Table 14b. (continued)

STATION 1741 COLLEBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1973	67.60	48.80	37.60	31.30	39.10	999.90	999.90	77.00	82.80	86.10	85.50	77.50	999.90
1974	65.40	50.20	999.90	34.30	41.10	47.20	51.50	67.00	77.50	86.90	84.00	999.90	999.90
1975	999.90	999.90	43.50	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	70	70	70	70	70	69	70	71	71	71	70	69	58
MEAN	64.64	48.77	37.99	35.98	41.72	49.91	60.90	71.09	80.90	86.90	84.17	76.36	61.63
STD DEV	4.33	5.36	4.37	4.03	4.63	4.09	4.09	3.90	3.30	2.71	2.60	3.28	2.21
CV	.07	.11	.11	.11	.11	.08	.07	.05	.04	.03	.03	.04	.04
STD ERR	.52	.64	.52	.48	.55	.49	.49	.46	.39	.32	.31	.39	.29
MAX	73.80	58.70	47.40	45.50	53.90	61.40	70.40	78.90	87.70	93.60	91.00	83.20	67.13
MIN	50.00	21.70	26.20	25.90	31.50	41.80	51.80	60.00	74.60	79.60	79.10	67.20	55.96
RANGE	23.80	37.00	21.20	19.60	22.40	19.60	18.60	18.90	13.10	14.00	11.90	16.00	11.17

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 14c. Time series and statistical summary of maximum temperature.

STATION 1772 COLORADO NATIONAL MO

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1940	68.30	46.70	38.40	36.60	44.10	52.00	56.70	75.70	81.90	90.70	87.80	75.30	62.85
1941	59.60	51.20	42.80	39.40	36.50	47.00	63.60	72.90	85.80	93.50	89.90	82.20	63.70
1942	67.20	53.80	44.70	41.60	47.90	52.20	72.30	73.70	81.40	94.00	84.80	83.70	66.50
1943	68.60	52.10	49.40	999.90	40.60	48.50	57.80	74.10	81.50	91.40	91.20	84.20	999.90
1944	69.90	49.00	41.70	41.00	45.70	52.60	62.00	79.20	82.30	93.30	89.60	81.40	69.64
1945	67.40	49.70	40.60	35.20	35.70	56.10	69.90	71.40	89.20	91.40	87.60	81.60	69.23
1946	59.80	46.20	43.50	36.00	44.00	54.00	61.80	78.90	79.80	90.40	84.10	83.40	63.64
1947	67.60	42.80	37.10	33.70	44.00	44.50	64.80	76.60	84.00	91.60	87.70	83.10	64.66
1948	999.90	38.50	38.40	39.20	33.50	51.70	66.30	71.80	81.70	90.50	90.60	79.60	999.90
1949	61.90	57.60	38.50	37.00	41.30	52.60	65.70	73.00	87.80	89.50	89.10	77.40	66.22
1950	61.90	53.80	43.90	36.60	41.00	51.20	64.30	73.90	82.70	93.50	85.50	80.60	65.54
1951	999.90	44.00	34.80	36.10	33.80	43.70	64.90	75.50	86.50	90.70	87.30	81.90	999.90
1952	71.70	45.50	36.80	41.20	41.70	54.20	59.60	67.40	86.50	91.30	87.90	82.70	63.50
1953	64.90	50.20	36.30	40.50	41.10	49.80	69.10	77.70	84.90	91.40	87.60	78.80	65.14
1954	67.80	53.00	36.50	33.10	33.00	49.30	59.80	72.30	83.30	92.70	88.30	82.40	65.54
1955	67.40	44.20	43.90	43.60	33.90	55.30	62.90	76.50	83.00	92.00	82.80	80.00	64.53
1956	64.20	40.70	33.00	31.60	40.00	48.80	57.00	65.40	85.60	87.40	82.80	78.80	59.67
1957	69.30	42.70	33.50	38.90	44.50	46.80	57.20	79.90	85.80	92.00	92.90	78.20	999.90
1958	66.30	52.10	43.50	38.70	44.90	53.30	65.40	74.60	90.10	93.70	87.70	74.80	65.91
1959	62.90	48.90	39.40	42.60	33.50	52.30	65.20	72.60	88.30	99.90	91.60	85.00	999.90
1960	68.00	54.90	41.40	42.30	46.80	52.00	63.90	77.80	92.30	93.10	89.00	70.20	66.31
1961	62.90	46.00	32.50	35.50	44.40	47.80	70.10	74.50	87.50	92.60	92.40	80.40	65.53
1962	62.20	54.30	42.40	38.10	44.80	51.60	63.00	79.90	89.10	95.00	86.50	82.40	65.53
1963	72.30	52.40	40.00	36.70	38.60	45.40	62.60	74.80	83.90	95.90	86.30	78.60	63.96
1964	64.50	47.40	37.50	40.70	42.80	48.00	61.70	70.50	79.90	88.10	86.80	72.30	62.27
1965	68.90	54.40	39.20	36.10	37.80	55.40	63.70	78.10	84.80	93.20	86.40	80.60	65.47
1966	64.30	53.90	39.50	33.50	47.20	58.10	63.10	71.80	77.60	89.80	86.70	80.40	64.21
1967	68.50	54.00	31.70	34.50	44.80	53.40	57.80	71.70	87.40	91.50	82.10	77.70	63.11
1968	66.70	48.00	36.20	40.80	50.50	50.60	67.60	80.20	81.30	92.00	93.70	81.50	64.85
1969	59.00	48.30	41.30	37.40	50.00	49.90	58.40	76.60	82.70	89.50	89.90	76.40	63.12
1970	59.60	48.80	39.30	37.40	42.40	53.00	62.90	70.70	85.70	92.40	89.60	75.00	62.98
1971	62.20	45.10	35.20	39.00	49.00	62.50	999.90	75.50	83.80	92.70	87.20	77.70	999.90
1972	68.80	42.10	34.70	28.20	39.90	48.50	58.30	73.90	82.90	92.70	87.90	78.10	60.22
1973	68.60	48.90	37.30	38.00	36.30	57.40	999.90	79.10	89.20	88.60	89.30	81.40	999.90
1974	66.80	47.90	35.60	34.30	41.20	49.00	56.40	999.90	81.20	90.10	87.50	999.90	999.90
1975	66.00	47.60	37.40	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
MEAN	34	36	36	34	35	35	33	34	35	34	34	34	27
STD DEV	66.05	48.78	38.71	36.56	42.58	51.45	63.04	74.65	84.64	91.50	87.89	79.67	63.97
STD ERR	4.28	4.55	3.37	4.03	4.56	4.01	4.38	3.54	3.24	2.01	2.73	3.41	1.67
CV	.06	.09	.09	.11	.11	.08	.07	.05	.04	.02	.03	.04	.03
MAX	74.50	57.60	44.70	43.60	51.10	62.90	72.30	80.20	92.30	95.90	93.70	85.00	66.59
MIN	56.30	38.50	31.70	28.00	33.00	43.70	55.00	65.40	77.60	87.40	82.10	70.20	59.47
RANGE	18.20	19.10	13.00	15.60	18.10	18.80	17.30	14.80	14.70	8.50	11.60	14.80	7.12

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 14d. Time series and statistical summary of maximum temperature.

STATION 3146 FRUITA

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1931	71.50	49.80	32.30	32.20	48.30	55.70	69.90	81.20	88.80	94.50	93.40	86.00	66.97
1932	70.70	55.80	33.90	34.10	31.90	58.70	64.90	73.40	93.80	97.70	93.30	86.90	66.26
1933	77.50	57.70	44.30	34.90	46.90	68.60	74.60	85.90	89.90	98.80	94.40	84.00	73.41
1934	76.30	63.60	44.50	46.00	53.40	57.30	64.60	74.60	93.20	96.00	92.20	85.20	70.74
1935	70.10	50.40	42.60	35.60	46.90	59.00	72.50	86.30	94.20	95.60	91.60	83.00	69.07
1936	70.90	55.10	40.90	27.50	39.20	57.20	67.90	82.70	87.60	91.40	94.20	85.30	66.66
1937	70.00	55.20	44.10	43.10	49.70	53.70	68.60	75.20	86.20	92.60	91.90	82.60	67.74
1938	70.40	47.50	39.40	33.80	33.40	54.70	70.90	81.10	86.60	95.30	91.40	81.20	66.06
1939	70.40	61.00	50.70	37.80	49.70	61.40	67.90	82.10	91.10	94.50	92.10	81.00	69.95
1940	70.10	49.10	41.60	42.70	48.00	57.30	61.20	78.70	83.40	93.70	91.10	79.20	66.35
1941	62.90	54.20	44.90	42.70	39.10	51.60	68.90	78.20	89.00	97.60	91.70	84.10	65.91
1942	69.90	56.60	47.00	45.10	53.40	57.10	77.20	76.80	85.60	95.50	89.90	86.30	70.02
1943	72.50	56.60	43.90	36.90	47.40	55.90	62.90	77.00	86.40	93.70	89.60	86.90	67.72
1944	73.40	53.30	45.20	44.50	50.80	55.30	60.50	78.70	82.80	94.70	91.00	83.00	67.77
1945	73.50	52.40	36.70	38.00	61.80	61.80	73.40	75.10	90.20	93.90	89.70	84.30	68.02
1946	65.10	50.90	45.00	34.50	50.00	59.60	66.20	80.80	80.20	94.60	87.90	85.40	66.82
1947	70.70	47.30	40.00	30.60	45.10	49.00	68.90	80.20	83.60	91.80	89.10	86.70	66.13
1948	72.80	46.60	33.70	30.90	34.10	58.40	71.20	75.50	83.80	91.10	91.80	85.00	64.84
1949	68.60	63.70	41.80	37.00	49.20	59.30	72.00	76.40	89.60	89.30	90.10	80.50	68.12
1950	79.10	55.60	47.90	38.10	43.20	58.00	63.90	79.00	86.10	94.50	85.10	83.40	68.56
1951	68.20	47.40	30.40	34.10	42.70	49.50	71.20	79.30	89.90	93.70	91.50	86.70	65.39
1952	77.70	48.60	37.50	46.30	46.90	59.20	64.90	72.10	89.70	94.00	87.70	87.40	67.48
1953	69.80	53.60	38.00	43.90	56.30	55.20	73.60	80.30	87.80	94.50	89.70	81.30	68.58
1954	70.60	56.40	35.70	33.80	33.30	52.60	65.90	75.90	84.90	94.70	91.60	85.90	65.07
1955	71.70	46.10	45.10	46.60	43.90	60.40	67.10	79.90	91.60	93.10	88.50	88.40	68.53
1956	72.10	47.70	36.70	34.90	41.20	56.80	62.60	70.30	86.40	90.40	85.50	81.40	63.83
1957	65.70	46.60	41.60	40.80	50.60	52.10	64.70	82.70	91.90	93.70	94.30	82.30	67.17
1958	72.50	53.00	47.60	41.00	47.20	57.70	64.50	78.20	93.10	93.90	90.00	78.80	68.74
1959	67.40	52.10	41.70	36.90	40.40	56.70	70.00	78.60	91.70	96.30	93.30	84.80	67.53
1960	63.10	55.60	42.40	44.60	51.10	55.50	64.10	78.00	93.30	94.50	90.50	73.40	67.71
1961	67.60	50.00	33.80	33.10	47.80	52.30	72.40	77.80	87.00	93.20	91.60	83.10	65.88
1962	72.00	57.60	41.60	23.80	51.70	56.30	67.00	83.90	86.60	95.60	87.80	85.50	67.43
1963	75.90	56.20	40.00	27.10	46.10	49.70	64.60	77.60	86.50	92.20	88.40	81.80	66.34
1964	75.20	55.00	40.70	34.00	46.30	52.90	63.60	72.90	82.10	92.80	88.90	74.40	65.15
1965	73.40	57.00	42.60	38.40	41.60	69.60	69.10	81.30	86.90	90.00	91.50	84.00	68.41
1966	69.90	58.70	41.90	37.80	52.20	63.20	67.00	74.50	82.20	92.60	91.70	83.80	67.82
1967	72.50	56.60	31.60	29.70	48.70	59.80	60.30	73.90	88.80	91.80	84.00	80.50	64.87
1968	70.20	50.70	37.20	39.80	44.80	53.60	70.80	82.20	83.30	93.60	93.40	82.70	66.82
1969	59.70	52.20	43.90	40.80	55.30	56.00	60.20	80.10	86.30	93.80	93.60	79.10	66.47
1970	62.50	52.20	42.80	40.10	47.10	57.50	67.80	75.10	89.00	94.30	92.30	78.20	66.66

Table 14d. (continued)

## STATION 3146 FRUITA

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	66.30	49.10	35.50	42.70	53.60	65.80	69.20	78.50	87.80	93.80	89.40	81.20	67.74
1972	64.60	47.60	34.70	23.60	39.90	53.70	61.80	76.40	84.80	90.50	90.50	80.40	62.37
1973	70.80	53.00	41.20	28.30	34.30	61.50	64.20	81.70	91.70	91.70	90.70	82.90	66.00
1974	70.20	52.50	39.30	33.40	44.60	53.90	59.90	71.30	83.40	92.40	89.90	82.00	64.40
1975	70.50	51.00	40.20	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	45	45	45	44	44	44	44	44	44	44	44	44	44
MEAN	70.44	53.02	40.65	37.90	45.93	56.76	67.53	78.21	87.75	93.82	90.79	82.96	67.15
STD DEV	3.94	4.37	4.54	5.81	6.36	4.12	4.30	3.70	3.45	2.03	2.29	3.21	1.92
CV	.06	.08	.11	.15	.14	.07	.06	.05	.04	.02	.03	.04	.03
STD ERR	.59	.65	.68	.88	.96	.62	.65	.56	.52	.31	.34	.48	.29
MAX	79.10	63.70	50.70	46.90	56.40	68.60	77.20	86.30	94.20	98.80	94.40	88.40	73.41
MIN	59.70	46.10	30.40	23.60	31.90	49.00	59.90	70.30	82.10	89.30	84.00	73.40	62.37
RANGE	19.40	17.60	20.30	23.30	24.50	19.60	17.30	16.00	12.10	9.50	10.40	15.00	11.03

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 14e. Time series and statistical summary of maximum temperature.

STATION 3246 GATEWAY 1SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1947	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1948	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1949	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1950	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1951	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1952	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1953	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1954	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1955	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1956	74.50	52.70	46.70	42.10	48.10	53.30	65.40	71.90	87.90	91.20	88.40	84.30	67.29
1957	67.20	48.80	46.40	49.50	54.70	53.40	66.20	82.40	91.50	96.20	117.10	85.50	71.07
1958	74.60	56.00	999.90	45.70	50.50	61.00	72.40	81.20	94.70	98.20	89.50	82.10	999.90
1959	70.10	56.40	43.40	39.90	43.30	60.90	71.00	78.10	91.50	96.40	95.70	86.40	69.42
1960	68.90	58.00	43.00	46.90	54.40	57.10	67.50	78.10	93.30	95.00	91.00	76.40	69.10
1961	69.00	53.20	38.40	40.80	51.30	54.80	71.60	77.40	86.50	92.80	93.50	85.10	68.20
1962	74.30	61.10	45.20	29.50	55.80	57.50	67.80	83.40	86.10	94.30	87.00	86.10	69.01
1963	76.80	59.50	44.00	42.90	46.10	52.50	64.60	77.40	85.30	96.00	999.90	82.50	999.90
1964	77.90	51.70	44.30	46.70	48.30	54.10	65.50	72.80	81.80	88.50	88.60	75.50	66.35
1965	73.60	59.10	45.40	41.10	43.50	62.00	65.90	81.50	87.50	93.40	92.80	84.00	69.40
1966	69.60	58.70	43.50	40.00	53.90	64.10	64.40	75.10	79.60	91.80	91.60	84.10	68.22
1967	74.80	59.80	35.20	33.30	50.80	60.70	62.60	73.90	87.20	89.60	82.60	80.50	65.52
1968	71.10	52.60	39.90	45.70	46.50	53.60	71.60	81.30	80.60	91.60	91.60	82.50	67.38
1969	60.50	54.30	46.80	44.00	57.10	52.30	61.20	79.00	83.80	91.50	91.70	79.80	66.83
1970	64.10	57.20	45.80	45.40	49.50	60.20	67.90	75.20	89.30	97.00	92.80	78.80	68.60
1971	66.20	52.00	40.30	47.20	56.00	68.10	70.50	79.00	86.50	95.20	89.70	80.60	69.27
1972	63.80	49.00	38.90	28.60	42.90	53.70	61.00	76.60	82.40	88.20	88.00	80.40	62.96
1973	72.60	57.20	49.10	32.30	39.00	63.50	65.80	81.70	90.30	90.20	90.10	84.50	67.69
1974	71.00	999.90	42.60	39.50	48.80	56.00	62.00	71.70	81.80	90.30	89.80	83.00	999.90
1975	72.90	55.20	44.80	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	20	19	19	19	19	19	19	19	19	19	18	19	16
MEAN	70.68	55.34	42.85	40.79	49.50	58.21	67.05	77.77	86.81	93.02	91.75	82.19	67.92
STD DEV	4.59	3.59	3.14	5.84	5.10	4.53	3.61	3.62	4.38	3.01	6.95	3.15	1.87
CV	0.06	0.06	0.07	0.14	0.10	0.08	0.05	0.05	0.05	0.03	0.08	0.04	0.03
STD ERR	1.03	0.82	0.72	1.34	1.17	1.04	0.83	0.83	1.01	0.69	1.64	0.72	0.47
MAX	77.90	61.10	46.80	47.20	57.10	68.10	73.60	83.40	94.70	98.20	117.10	86.40	71.07
MIN	60.50	48.80	35.20	28.60	39.00	52.30	61.20	71.70	79.60	88.20	82.60	75.50	62.96
RANGE	17.40	12.30	11.60	18.60	18.10	15.80	12.40	11.70	15.10	10.00	34.50	10.90	8.12

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA



Table 14f. Time series and statistical summary of maximum temperature.

STATION 3488 GRANDJUNCTION WSO AP

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1999	63.00	56.90	33.70	42.90	47.80	63.80	63.00	79.10	92.00	95.40	89.20	75.90	66.89
1900	68.20	55.30	44.70	40.20	46.80	54.00	65.10	78.80	86.00	97.90	89.80	82.60	67.45
1901	70.20	57.50	42.20	42.50	46.10	50.80	68.20	77.90	90.70	90.50	90.20	81.40	67.40
1902	69.30	50.40	33.80	33.50	29.00	52.00	53.50	73.10	84.40	90.00	91.50	75.40	62.43
1903	68.80	55.00	41.80	37.60	50.10	57.40	67.90	74.80	82.50	90.70	87.80	81.40	66.30
1904	67.20	55.50	40.60	32.50	38.50	46.70	64.50	69.80	88.20	90.70	90.90	80.50	64.64
1905	62.70	54.10	33.80	33.80	51.00	52.70	64.50	73.70	84.10	89.40	88.30	78.20	64.47
1906	65.60	49.80	41.50	43.30	55.20	58.50	62.70	68.90	80.70	91.00	86.40	79.80	65.99
1907	70.30	53.00	44.80	42.10	42.10	53.30	62.40	69.70	82.70	92.20	85.30	79.40	65.07
1908	61.00	51.00	33.00	33.80	43.30	55.10	61.50	71.80	88.00	92.30	89.80	77.20	63.42
1909	70.50	52.00	33.30	33.30	41.00	65.30	69.30	76.80	89.70	93.00	89.90	83.40	65.89
1910	66.60	56.60	39.70	40.00	44.50	58.80	64.10	76.60	85.20	86.90	89.50	79.70	65.97
1911	62.10	47.80	33.00	33.60	46.10	51.60	60.30	72.30	82.80	87.50	88.50	74.00	62.16
1912	62.80	51.00	33.00	33.00	39.70	51.50	67.90	73.90	84.70	90.30	90.90	76.20	62.80
1913	63.20	53.20	33.70	33.30	41.80	56.10	68.60	75.90	81.70	87.00	89.20	80.20	63.32
1914	65.00	56.70	33.10	33.10	43.40	54.90	68.30	69.70	82.30	90.70	89.90	77.80	63.67
1915	68.80	50.20	33.90	32.20	42.60	58.00	65.90	72.60	86.30	89.60	84.20	79.20	64.03
1916	62.80	48.50	33.20	32.50	37.90	47.40	59.90	65.70	85.60	93.70	87.80	79.60	60.73
1917	67.90	57.20	44.10	32.90	42.50	59.70	60.50	74.60	91.60	88.90	84.40	79.80	65.84
1918	67.50	47.10	33.50	32.20	42.20	54.00	69.70	74.60	88.60	93.90	91.60	81.10	64.92
1919	60.50	49.40	32.10	28.80	42.80	50.40	54.70	75.60	83.80	92.10	89.70	77.30	61.10
1920	64.00	49.00	30.00	40.90	49.70	58.60	61.30	74.30	85.60	90.30	89.00	82.50	64.83
1921	71.60	55.40	44.50	37.80	41.70	52.50	63.00	74.70	89.10	91.70	89.60	83.90	66.12
1922	69.40	50.90	43.00	45.30	46.10	49.80	60.30	75.00	85.60	92.20	85.10	76.60	65.12
1923	62.50	52.00	44.30	33.00	49.60	53.00	66.40	75.40	89.20	91.40	86.90	78.40	64.32
1924	65.60	52.50	33.50	26.00	43.80	57.60	69.00	80.30	83.60	92.10	89.50	77.60	63.59
1925	64.10	49.70	41.70	33.80	49.30	56.00	68.00	75.40	88.30	89.70	90.90	81.20	66.07
1926	69.50	53.90	33.00	39.50	45.70	52.60	64.40	75.90	83.40	90.30	84.20	77.20	64.55
1927	69.00	53.10	33.70	40.20	47.90	57.10	63.40	76.80	83.70	92.30	87.40	83.00	65.98
1928	66.60	46.90	44.40	33.00	33.40	44.00	50.80	73.10	86.60	90.60	89.00	76.50	61.94
1929	66.50	46.30	44.20	28.80	42.90	52.40	71.80	71.80	87.40	91.20	88.50	79.20	64.24
1930	66.40	50.00	33.90	40.10	48.60	52.30	69.90	73.90	89.40	96.30	89.00	81.80	66.27
1931	68.40	47.00	33.10	33.10	47.60	53.40	65.40	76.70	84.00	90.90	89.80	82.00	63.81
1932	66.40	53.20	33.90	33.00	30.40	55.60	60.80	70.10	91.10	94.90	90.20	84.40	63.42
1933	73.80	44.80	44.40	45.10	53.50	64.60	72.90	82.40	86.90	96.60	92.00	80.40	70.53
1934	72.80	44.20	44.70	44.40	49.90	44.60	62.50	70.40	89.30	93.30	89.60	82.10	67.23
1935	67.70	50.30	40.40	33.60	46.30	57.40	68.20	80.20	89.90	93.00	90.00	80.80	66.77
1936	67.60	52.90	40.50	39.90	40.30	40.40	64.30	80.90	85.00	91.30	91.10	82.20	99.90
1937	69.50	53.30	42.00	41.40	48.00	53.30	65.70	72.60	86.30	91.80	91.30	80.70	66.41
1938	69.00	45.10	38.60	37.20	32.50	44.60	69.20	79.40	86.40	94.70	91.40	79.50	64.80

Table 14f. (continued)

STATION 3488 GRANDJUNCTION WSO AP

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YF.
1939	67.60	57.90	47.90	36.30	46.50	60.10	64.90	81.50	90.90	94.30	91.50	78.80	68.27
1940	68.30	48.00	39.40	40.00	47.20	54.90	52.80	75.70	82.00	91.30	83.10	75.80	64.09
1941	62.70	52.80	44.30	38.90	47.90	44.90	65.50	74.00	86.60	93.70	90.10	81.70	64.89
1942	68.10	54.90	46.60	43.50	51.20	54.70	73.70	73.90	83.70	94.20	86.80	83.90	67.93
1943	69.50	54.30	41.80	36.40	44.70	51.60	50.10	74.50	82.60	91.80	91.10	84.10	65.12
1944	71.40	51.00	43.30	42.60	48.50	52.70	59.90	76.00	80.20	92.20	88.40	80.10	65.57
1945	69.00	50.80	34.80	37.10	46.60	58.40	71.40	73.40	90.90	94.90	89.80	83.00	66.67
1946	61.80	47.80	43.20	34.60	47.40	56.80	63.90	79.00	80.60	93.70	87.00	84.30	65.01
1947	68.50	44.00	37.10	36.20	40.80	45.60	65.90	78.10	84.30	93.40	89.20	84.70	64.05
1948	69.20	42.70	38.10	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1949	999.90	999.90	999.90	33.50	44.40	53.00	66.30	72.60	85.80	83.40	88.30	78.30	999.90
1950	75.70	53.30	45.60	35.80	40.30	52.80	64.50	74.80	82.80	94.40	86.80	81.40	65.68
1951	64.30	46.00	32.20	34.30	40.60	46.00	65.20	75.90	83.00	91.50	88.10	83.10	62.93
1952	73.40	46.20	36.60	43.10	44.50	55.90	61.10	69.20	89.80	92.90	86.10	84.40	65.19
1953	67.70	52.90	36.40	43.00	53.90	52.10	70.90	78.60	86.20	93.20	85.00	79.10	66.86
1954	68.00	54.30	34.80	32.20	31.50	49.10	61.40	73.20	82.80	93.20	89.20	84.10	62.82
1955	70.20	45.30	45.40	46.20	41.40	55.10	64.80	78.40	90.30	91.30	87.30	86.20	66.91
1956	69.80	45.40	35.40	32.70	39.20	53.30	59.70	62.00	84.10	89.10	84.90	80.00	61.80
1957	63.80	44.40	41.30	39.50	48.90	44.70	62.00	80.20	89.90	92.50	92.70	80.00	65.41
1958	62.60	51.90	46.80	39.50	45.00	53.50	65.90	75.30	90.60	94.00	88.00	77.10	66.43
1959	64.70	50.40	40.00	34.70	37.80	53.40	66.20	74.80	89.50	94.10	91.70	82.80	65.08
1960	65.30	53.70	41.10	43.30	48.60	52.90	62.40	76.40	91.40	92.90	88.80	70.80	65.63
1961	65.70	47.90	32.60	33.40	46.50	50.00	69.20	74.90	85.00	91.40	91.20	81.30	64.17
1962	69.40	55.70	41.30	22.50	49.40	53.80	61.80	81.00	85.80	94.20	84.50	84.00	65.45
1963	75.10	56.40	39.50	37.20	41.60	49.00	62.60	76.80	85.70	97.00	88.10	81.20	65.83
1964	74.00	43.20	38.90	41.80	42.80	51.30	65.50	74.40	83.90	92.70	90.70	75.90	65.01
1965	72.60	58.70	43.60	35.60	41.10	60.50	69.20	80.00	86.40	95.30	91.90	83.80	68.21
1966	70.10	55.20	38.50	33.90	48.30	61.80	65.90	73.50	82.00	92.30	90.80	81.90	66.18
1967	69.90	54.70	27.80	27.00	45.80	57.50	52.80	72.90	83.10	92.60	84.00	79.50	63.30
1968	67.30	48.30	34.00	37.60	42.90	50.50	69.90	82.10	82.50	92.90	94.60	83.40	65.66
1969	58.40	51.30	42.30	38.70	54.90	50.80	69.70	82.10	86.30	94.90	93.30	78.90	65.68
1970	61.10	52.50	42.00	39.00	47.20	57.10	67.30	79.40	89.80	95.90	92.60	78.60	66.45
1971	64.50	49.60	35.70	41.80	51.10	62.10	68.30	78.70	89.50	96.10	91.60	81.70	67.58
1972	63.10	44.70	32.60	22.00	38.30	51.50	60.10	75.50	85.50	92.40	91.60	80.60	61.49
1973	70.60	52.50	39.50	24.60	33.20	60.70	64.50	81.20	92.60	92.60	91.20	82.40	65.47
1974	68.50	49.90	36.80	31.40	42.50	50.60	58.40	81.20	83.80	92.70	90.80	62.20	63.20
1975	68.50	49.00	38.10	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	76	76	76	74	75	75	75	75	75	75	75	75	73
MEAN	67.40	51.41	38.57	36.26	44.19	54.49	64.77	75.33	86.32	92.40	89.08	80.41	65.08
STD DEV	3.60	3.77	4.82	5.60	5.55	4.14	3.72	3.61	3.14	2.27	2.39	2.86	1.82
CV	.05	.07	.12	.15	.13	.08	.06	.05	.04	.02	.03	.04	.03
STD ERR	.41	.43	.55	.65	.64	.48	.43	.42	.36	.26	.28	.33	.21
MAX	75.70	58.70	47.90	46.20	55.20	65.30	73.70	82.40	92.60	97.90	94.60	86.20	70.53
MIN	58.40	42.70	26.30	22.00	29.00	45.60	56.70	65.70	80.20	86.90	83.50	70.80	60.73
RANGE	17.30	16.00	21.60	24.20	26.20	19.70	17.00	16.70	12.40	11.00	11.10	15.40	9.80

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 14g. Time series and statistical summary of maximum temperature.

STATION 3489 GRAND JUNCTION G ESE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1962	71.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	87.20	93.80	86.30	83.40	999.90
1963	74.20	56.60	41.10	38.40	42.10	49.40	63.70	76.40	84.20	94.40	87.00	79.50	65.58
1964	73.10	48.90	39.60	42.90	44.90	51.70	63.40	72.30	81.80	89.70	89.20	74.20	64.22
1965	71.20	57.10	42.50	36.90	39.60	59.70	68.10	81.00	87.30	93.60	90.90	82.50	67.53
1966	67.10	56.30	41.40	37.00	50.50	62.50	62.90	73.50	81.20	91.00	90.40	82.10	66.66
1967	71.50	55.80	31.40	30.60	48.10	58.60	59.80	73.90	88.90	90.90	83.10	79.00	64.30
1968	68.60	49.30	35.80	40.20	44.80	52.20	70.80	81.60	82.50	92.70	92.40	82.40	66.11
1969	58.50	51.60	43.40	40.00	53.90	51.40	60.40	79.10	84.90	92.70	91.80	78.00	65.47
1970	61.80	52.20	42.60	39.50	46.50	56.90	66.90	74.30	88.70	93.80	90.80	78.80	66.07
1971	65.90	49.20	35.80	41.30	52.60	65.50	62.20	76.60	86.70	93.00	89.30	80.50	67.05
1972	63.80	45.30	35.50	25.00	39.70	52.40	59.10	73.90	83.50	90.10	89.60	78.60	61.41
1973	69.80	52.90	40.50	27.80	34.40	59.40	61.70	80.00	89.60	90.80	88.40	81.10	64.70
1974	69.90	51.10	38.30	33.80	43.00	52.20	59.50	69.40	81.50	92.40	999.90	80.80	999.90
1975	68.50	51.20	40.50	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	14	13	13	12	12	12	12	12	13	13	12	13	11
MEAN	68.27	52.12	39.11	36.12	45.01	55.99	64.04	76.00	85.23	92.22	89.03	80.08	65.37
STD DEV	4.47	3.56	3.54	5.65	5.73	5.14	4.02	3.79	3.01	1.55	2.63	2.45	1.70
CV	.07	.07	.09	.16	.13	.09	.06	.05	.04	.02	.03	.03	.03
STD ERR	1.20	.99	.98	1.63	1.65	1.48	1.16	1.09	.83	.43	.76	.68	.51
MAX	74.20	57.10	43.40	42.90	53.90	65.50	70.80	81.60	89.60	94.40	92.40	83.40	67.53
MIN	58.50	45.30	31.40	25.00	34.40	49.40	59.10	69.40	81.20	89.70	83.10	74.20	61.41
RANGE	15.70	11.80	12.00	17.90	19.50	16.10	11.70	12.20	8.40	4.70	9.30	9.20	6.12

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 14h. Time series and statistical summary of maximum temperature.

STATION 3508 GRAND VALLEY

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1965	74.70	57.10	42.00	36.30	40.10	57.90	64.40	79.20	86.90	96.60	92.60	84.70	67.87
1966	68.30	56.60	38.90	37.20	48.30	60.10	64.60	74.20	82.50	93.50	91.80	84.00	66.67
1967	71.90	57.20	38.90	33.10	45.40	57.10	59.10	72.40	89.00	92.70	84.10	80.60	64.29
1968	70.00	47.50	35.60	37.30	41.90	51.00	58.70	80.80	82.60	93.30	93.40	80.90	65.27
1969	56.30	49.80	42.20	39.20	53.40	49.90	58.40	78.70	85.00	93.90	93.20	78.70	65.67
1970	61.10	50.60	42.20	38.60	45.20	54.70	65.70	72.90	69.40	94.00	93.40	78.30	64.67
1971	65.30	48.20	33.80	39.80	50.90	63.50	67.80	78.20	88.90	95.10	91.20	80.70	66.87
1972	63.80	45.00	34.90	31.40	44.10	53.30	60.20	75.00	83.90	91.30	91.30	80.40	62.88
1973	71.40	52.10	39.90	30.20	39.30	59.30	67.40	81.10	91.30	93.50	91.10	84.00	66.47
1974	70.90	52.00	37.50	34.70	42.40	53.70	59.90	72.30	83.70	94.50	91.00	82.60	64.60
1975	69.80	51.60	40.60	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	11	11	11	10	10	10	10	10	10	10	10	10	10
MEAN	67.59	51.52	38.03	35.78	45.10	56.05	63.32	76.48	86.34	93.84	91.31	81.49	65.53
STD DEV	5.43	3.83	3.80	3.32	4.60	4.28	3.67	3.49	3.16	1.41	2.72	2.24	1.47
CV	.08	.07	.10	.09	.10	.08	.06	.05	.04	.02	.03	.03	.02
STD ERR	1.64	1.15	1.15	1.05	1.45	1.35	1.16	1.10	1.00	.45	.86	.71	.46
MAX	74.70	57.10	42.20	39.80	53.40	63.50	68.70	81.10	91.30	96.60	93.40	84.70	67.87
MIN	56.30	45.00	30.90	30.20	39.30	49.90	58.40	72.30	82.50	91.30	84.10	78.30	62.88
RANGE	18.40	12.10	11.30	9.60	14.10	13.60	10.30	8.80	8.80	5.30	9.30	6.40	4.99

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 14i. Time series and statistical summary of maximum temperature.

STATION 5048 LITTLE HILLS

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1946	59.30	45.90	41.50	37.30	45.30	49.80	57.50	74.40	75.40	90.10	85.40	82.30	62.27
1947	67.00	42.20	37.70	39.20	39.00	43.60	59.60	74.70	80.50	88.90	84.90	81.60	61.57
1948	66.00	43.00	37.70	27.60	38.40	49.30	61.40	68.70	76.70	85.30	85.90	79.00	60.08
1949	60.00	50.40	42.50	38.30	45.50	49.00	61.00	65.00	78.10	80.00	82.00	72.90	61.22
1950	70.10	52.30	43.10	36.70	44.10	46.90	58.30	69.20	75.50	88.50	82.20	77.50	62.12
1951	60.50	45.80	37.10	34.30	37.90	41.80	60.60	69.60	81.50	85.30	81.00	79.60	59.58
1952	72.40	44.90	39.80	45.10	40.70	51.70	55.60	63.80	81.30	86.90	82.00	79.50	61.97
1953	65.00	53.40	39.60	43.40	49.00	45.90	63.20	71.90	78.90	87.20	83.50	75.10	63.01
1954	68.40	54.70	40.10	38.30	37.10	45.60	55.70	67.90	76.40	89.10	83.70	79.50	65.33
1955	68.70	46.50	43.00	40.10	37.60	49.70	59.50	99.90	86.10	85.20	80.30	81.50	99.90
1956	67.30	45.70	37.00	37.00	47.60	49.10	58.10	64.00	79.20	99.90	99.90	76.30	99.90
1957	63.10	43.30	43.40	39.30	47.10	44.20	55.80	68.80	78.80	81.50	83.90	72.60	60.13
1958	64.40	46.30	45.50	38.50	40.30	46.10	58.50	67.60	83.20	86.90	81.80	72.50	60.97
1959	61.50	52.60	43.30	34.50	34.90	50.80	63.20	68.90	81.70	83.20	86.00	79.10	62.04
1960	64.00	52.30	41.40	43.60	45.90	50.60	63.70	70.70	84.00	86.70	84.50	67.50	62.37
1961	62.40	46.60	38.00	35.20	44.50	50.30	57.50	70.20	84.60	85.40	85.20	78.10	61.23
1962	70.00	55.80	45.00	33.60	51.70	50.50	59.50	74.20	79.80	89.30	82.70	79.10	64.36
1963	71.60	55.30	41.50	36.70	38.10	43.30	58.50	69.50	77.00	89.70	81.40	77.90	61.46
1964	72.10	47.40	39.80	40.30	41.30	42.90	59.60	67.10	75.80	82.90	82.20	99.90	99.90
1965	99.90	56.00	40.40	38.80	39.40	50.90	59.60	71.90	79.60	86.50	85.50	77.80	99.90
1966	63.70	54.90	35.50	39.00	45.10	56.80	61.30	68.50	75.10	86.40	86.20	79.60	62.61
1967	69.30	54.40	32.10	35.40	42.40	50.90	51.50	65.50	80.10	84.50	76.30	73.90	59.77
1968	64.30	46.90	38.20	42.30	40.20	44.10	52.20	73.70	73.90	86.70	86.20	76.30	61.20
1969	52.30	47.70	40.60	38.40	47.40	44.20	52.20	70.20	76.60	85.50	86.30	72.40	59.48
1970	54.60	47.10	40.70	38.30	38.80	47.40	59.20	65.90	80.00	86.40	85.10	68.60	59.34
1971	58.80	44.20	33.70	38.80	45.40	56.60	59.80	68.50	79.50	85.80	83.10	73.20	60.62
1972	59.30	40.20	32.30	32.70	35.50	44.40	52.90	67.90	77.00	82.40	84.50	72.50	59.63
1973	65.60	45.90	38.10	99.90	38.90	52.30	52.30	73.80	82.30	84.50	82.80	75.10	99.90
1974	64.30	49.00	34.70	36.30	39.30	48.00	52.60	63.50	73.80	84.10	81.80	74.10	58.46
1975	63.80	46.70	41.20	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90
N	29	30	30	28	29	29	29	28	29	28	28	28	24
MEAN	64.41	48.98	39.63	37.93	42.05	48.06	58.25	69.13	78.87	86.10	83.48	76.22	69.99
STD DEV	4.93	5.10	1.61	4.09	4.31	3.92	3.49	3.25	3.05	2.47	2.19	3.80	1.63
CV	.08	.10	.09	.11	.10	.08	.06	.05	.04	.03	.03	.05	.03
STD ERR	.91	.93	.66	.77	.80	.73	.65	.61	.57	.47	.41	.72	.33
MAX	72.40	60.40	45.50	46.10	51.70	56.80	64.20	74.70	86.10	90.10	86.30	82.30	64.36
MIN	52.30	40.20	32.10	27.60	34.90	41.80	51.50	63.50	73.80	80.00	76.80	67.50	56.63
RANGE	20.10	20.20	13.40	18.50	16.80	15.00	12.70	11.20	12.30	10.10	9.50	14.80	7.72

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 14j. Time series and statistical summary of maximum temperature.

STATION 5520 MESA LAKES RESORT

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	45.80	36.00	25.80	29.70	33.80	41.70	43.70	54.60	63.80	71.20	66.10	57.40	47.47
1972	45.00	31.20	27.50	27.80	32.00	31.90	38.40	51.50	61.80	67.50	66.90	57.30	44.90
1973	50.50	37.00	30.90	25.10	29.80	39.10	40.10	57.50	68.70	68.30	67.80	61.80	48.05
1974	49.60	37.00	27.40	27.80	26.70	30.40	38.00	47.60	59.80	68.70	66.60	59.60	44.75
1975	50.80	36.50	34.30	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	5	5	5	4	4	4	4	4	4	4	4	4	4
MEAN	48.34	35.54	29.18	27.60	30.57	35.77	39.55	52.75	63.52	68.92	66.85	59.02	46.29
STD DEV	2.73	2.46	3.41	1.89	3.06	5.48	3.24	4.33	3.82	1.60	.71	2.13	1.71
CV	.06	.07	.12	.07	.10	.15	.08	.08	.06	.02	.01	.04	.04
STD ERR	1.22	1.10	1.55	.95	1.53	2.74	1.62	2.16	1.91	.80	.36	1.07	.86
MAX	50.80	37.00	34.30	29.70	33.80	41.70	43.70	57.50	68.70	71.20	67.80	61.80	48.05
MIN	45.00	31.20	25.80	25.10	26.70	30.40	36.90	47.40	59.80	67.50	66.10	57.30	44.75
RANGE	5.80	5.80	8.50	4.60	7.10	11.30	7.70	10.10	8.90	3.70	1.70	4.50	3.30

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 14k. Time series and statistical summary of maximum temperature.

STATION 6266 PALISADE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1929	999.90	999.90	49.60	34.50	46.80	999.90	75.00	75.50	91.50	96.80	94.10	83.20	999.90
1930	71.40	56.20	42.70	43.60	55.20	55.50	66.80	76.80	99.90	999.90	999.90	76.60	999.90
1931	70.80	53.30	36.20	35.80	55.70	55.70	67.20	79.10	99.80	98.00	94.70	99.90	999.90
1932	999.90	999.90	999.90	34.80	57.00	57.00	64.80	73.80	96.70	100.30	94.80	89.00	999.90
1933	78.80	60.10	46.20	47.30	67.30	67.30	76.90	88.60	87.50	96.60	97.10	86.20	74.29
1934	79.40	67.40	46.10	47.10	66.70	66.70	73.80	83.80	94.60	97.30	95.80	86.60	72.19
1935	72.00	52.70	44.10	39.50	61.60	61.60	70.40	84.40	94.20	97.40	93.80	99.90	999.90
1936	73.50	999.90	999.90	30.90	42.10	58.30	66.60	82.60	89.30	96.50	96.30	88.90	999.90
1937	72.40	60.10	44.60	45.60	52.00	52.00	67.20	73.90	90.50	95.40	95.80	83.20	69.90
1938	72.20	48.60	41.10	37.40	72.40	72.40	72.40	82.40	89.30	99.70	95.00	83.00	66.50
1939	71.60	62.70	51.30	999.90	46.60	63.20	71.00	85.70	96.20	99.10	96.50	87.30	999.90
1940	74.50	59.90	44.50	43.40	49.20	50.70	60.40	76.60	84.00	999.90	84.10	99.90	999.90
1941	63.90	55.90	45.70	40.60	50.00	50.80	67.30	74.30	99.90	999.90	999.90	83.10	999.90
1942	69.40	56.70	48.50	45.80	52.00	55.00	74.20	75.30	84.60	94.80	87.70	84.40	65.00
1943	71.10	56.00	43.40	37.40	46.60	52.20	60.10	74.50	82.90	92.00	91.00	84.70	65.97
1944	73.10	53.50	45.10	44.00	49.40	53.40	59.70	76.70	81.30	91.80	89.40	81.00	66.50
1945	70.20	52.30	36.20	38.00	48.80	59.10	72.10	72.60	88.40	93.70	89.40	83.90	67.07
1946	63.40	50.30	46.30	38.40	49.50	57.20	64.80	80.10	81.30	93.90	87.80	84.70	66.50
1947	70.90	47.30	40.60	33.20	43.00	47.80	67.90	79.20	87.50	95.00	90.30	85.30	66.10
1948	71.00	45.40	41.80	31.80	36.00	55.70	68.70	74.70	83.00	92.30	90.90	83.70	64.58
1949	65.60	57.30	43.30	39.10	48.70	55.70	68.90	74.90	87.80	89.50	89.80	80.30	67.06
1950	78.50	57.40	40.80	39.80	45.60	53.70	66.60	77.00	84.10	95.60	89.50	84.20	68.57
1951	68.80	50.30	37.40	38.20	48.80	48.50	67.40	78.60	89.80	93.00	90.50	85.70	65.92
1952	77.50	51.40	40.60	46.10	48.80	60.80	64.70	72.10	91.40	94.80	90.00	87.50	68.81
1953	72.00	56.60	40.80	46.50	58.50	56.80	74.00	80.70	88.50	95.40	90.60	83.40	70.34
1954	71.50	48.70	39.50	37.90	36.80	53.20	65.80	77.40	86.20	94.50	91.50	82.70	66.63
1955	74.10	49.30	47.90	48.80	44.70	60.60	68.10	80.50	92.70	93.10	89.50	82.50	69.90
1956	73.30	49.10	39.40	37.30	44.90	57.90	62.30	70.80	86.40	91.30	88.30	82.20	65.32
1957	67.70	47.30	43.80	42.90	51.40	52.20	63.90	81.90	90.80	94.00	94.40	82.90	67.77
1958	73.30	55.40	50.00	41.90	57.10	57.10	68.50	77.30	92.50	95.40	91.80	88.40	69.33
1959	67.70	54.70	44.30	37.30	57.60	57.60	70.20	77.00	90.90	96.10	93.70	85.50	67.32
1960	68.90	55.70	44.10	47.10	55.20	55.20	68.50	79.10	92.20	94.50	90.90	74.60	68.34
1961	68.30	49.80	36.20	37.50	48.70	53.10	65.10	76.70	86.80	93.10	92.50	83.30	67.51
1962	72.10	58.10	44.60	45.50	55.00	55.00	65.50	81.40	88.20	95.90	89.30	85.20	66.91
1963	76.90	58.60	41.30	39.90	44.00	48.70	62.40	76.20	84.20	96.20	87.20	81.60	65.91
1964	75.10	50.30	39.50	42.80	45.40	49.40	63.60	73.00	83.50	92.70	90.50	74.70	65.05
1965	72.30	59.30	43.50	43.70	51.10	58.90	67.40	81.90	88.30	96.10	93.60	84.30	68.63
1966	69.60	57.60	42.80	37.50	45.00	62.20	65.80	74.00	81.60	93.80	92.70	83.80	67.65
1967	73.30	58.10	34.60	37.20	48.00	58.50	59.60	74.40	81.00	93.10	84.10	82.10	65.71
1968	70.40	51.10	38.70	42.00	47.00	52.70	71.50	82.90	83.60	93.50	94.10	83.90	67.42

Table 14k. (continued)

STATION 6266 PALISADE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1969	59.00	52.50	45.00	40.00	54.60	52.50	59.90	79.60	86.30	93.80	93.90	79.40	
1970	63.30	52.10	44.30	41.00	48.90	56.00	67.30	75.20	89.60	95.80	93.10	79.10	66.37
1971	67.50	50.20	37.40	42.00	53.20	66.00	67.30	75.20	89.60	95.80	93.10	79.10	67.31
1972	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1973	73.40	999.90	41.90	30.60	36.50	61.60	67.30	75.20	89.60	95.80	93.10	79.10	67.31
1974	71.10	49.30	37.10	32.30	40.80	49.80	56.80	64.70	79.60	92.70	91.70	83.90	999.90
1975	71.70	54.10	42.30	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	44	42	44	44	45	44	45	45	43	41	42	42	34
MEAN	71.20	54.25	42.77	39.50	46.50	55.97	66.92	77.56	88.12	94.89	91.66	83.49	67.52
STD DEV	4.16	4.64	4.06	5.13	6.25	4.55	4.45	4.23	4.15	2.30	4.21	3.32	2.20
CV	.06	.09	.09	.13	.13	.08	.07	.05	.05	.02	.04	.04	.03
STD ERR	.63	.72	.61	.77	.93	.69	.66	.63	.63	.36	.50	.51	.38
MAX	79.40	67.40	51.90	48.80	58.80	67.30	74.90	88.90	96.70	100.30	98.30	89.50	74.69
MIN	59.00	45.40	34.60	25.50	28.80	47.80	56.80	65.70	79.60	84.50	84.10	74.60	62.48
RANGE	20.40	22.00	16.70	23.30	30.00	19.50	20.10	21.90	17.10	10.80	14.20	14.90	11.61

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA



Table 141. Time series and statistical summary of maximum temperature.

STATION 7031 RIFLE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1931	999.90	53.70	34.90	32.00	44.20	52.50	69.10	78.10	84.60	91.70	90.80	81.80	999.90
1932	68.40	56.90	38.80	34.20	32.90	59.60	64.80	72.80	89.30	94.50	89.30	85.30	65.57
1933	72.60	59.70	48.20	45.10	56.60	63.30	69.30	85.30	87.30	96.50	92.80	81.20	71.49
1934	73.70	63.80	45.20	40.70	54.20	56.00	66.50	73.70	90.40	95.30	91.70	83.40	69.55
1935	68.20	53.40	42.70	37.10	41.90	56.40	71.40	83.70	91.90	95.60	93.20	83.60	68.11
1936	74.50	54.30	41.20	22.50	41.90	57.30	72.60	80.90	84.90	89.70	91.30	81.60	66.14
1937	65.60	51.70	41.70	38.50	44.10	51.20	63.50	70.60	84.40	89.30	87.80	79.50	63.99
1938	68.40	44.80	38.30	37.70	34.20	54.20	67.80	77.10	82.60	91.70	90.30	79.70	63.90
1939	69.00	61.10	49.20	37.50	44.50	58.60	65.10	75.40	88.90	93.10	89.90	79.30	67.97
1940	69.10	48.60	40.30	39.70	48.50	52.80	59.70	75.90	80.30	89.50	86.90	75.30	63.89
1941	999.90	999.90	42.20	36.20	36.00	48.40	69.20	73.10	84.20	90.60	83.30	80.00	999.90
1942	69.00	56.90	44.30	42.70	48.10	53.70	73.20	72.50	82.10	92.80	89.90	88.50	67.09
1943	71.00	56.10	42.50	35.60	44.00	51.00	59.30	74.70	81.80	89.60	89.90	85.40	65.07
1944	74.80	54.40	44.70	43.00	47.60	53.70	59.30	74.80	77.80	90.40	89.30	80.90	65.74
1945	70.60	52.60	36.50	36.90	44.80	58.30	69.80	72.20	85.70	92.30	87.20	79.90	65.57
1946	59.80	45.90	42.90	35.20	46.00	52.80	60.00	76.00	78.60	91.30	87.70	83.30	63.21
1947	70.60	44.30	39.90	36.50	39.10	45.90	64.20	77.40	82.90	89.90	86.10	88.20	63.22
1948	69.20	40.90	36.90	30.80	35.60	53.20	65.70	71.00	79.20	88.30	84.30	80.00	61.51
1949	64.00	59.80	39.80	35.50	44.20	50.00	64.20	69.50	83.20	86.40	86.10	77.70	63.37
1950	75.50	54.00	43.30	34.10	39.50	50.30	62.10	72.20	79.00	91.20	86.30	80.00	63.97
1951	64.50	47.00	32.80	32.00	35.80	42.60	56.40	73.40	84.90	89.00	85.20	81.50	61.08
1952	74.60	48.30	36.70	44.20	44.00	55.90	64.30	73.40	85.90	89.00	84.90	84.40	64.47
1953	70.60	53.20	38.30	42.60	52.60	50.70	59.10	66.60	85.90	92.00	86.50	78.20	66.35
1954	68.50	53.00	33.00	31.70	34.80	48.00	63.20	74.90	84.00	92.90	84.30	83.80	63.17
1955	70.20	45.10	40.50	44.00	38.70	54.70	64.00	78.80	89.80	89.80	85.00	86.10	65.56
1956	71.40	45.80	36.10	34.30	42.40	53.10	59.40	66.30	81.00	87.60	84.80	79.10	61.77
1957	64.40	44.50	40.70	40.30	48.10	50.10	60.30	78.80	87.40	89.90	92.00	79.80	64.69
1958	71.30	52.90	999.90	38.60	42.20	52.70	64.00	73.80	86.80	90.10	85.40	75.40	999.90
1959	64.30	53.10	43.30	34.60	36.20	53.10	65.80	72.50	89.30	90.40	88.80	81.20	64.00
1960	66.10	52.80	40.50	44.00	47.50	52.20	61.70	74.70	85.90	89.00	81.80	69.70	64.27
1961	64.10	48.80	34.50	34.00	43.60	46.30	67.00	71.80	81.90	87.40	87.70	79.40	62.42
1962	70.40	56.50	43.50	29.10	51.20	54.20	65.50	77.40	82.00	91.20	84.10	82.20	65.61
1963	73.30	55.00	38.50	33.20	37.10	44.60	60.60	73.50	80.70	91.70	84.10	77.90	62.53
1964	71.00	48.70	36.60	46.40	42.90	47.50	61.90	71.30	79.50	86.30	84.20	71.30	61.85
1965	70.60	59.60	40.70	37.20	39.90	57.70	68.40	76.60	83.60	91.40	89.30	82.10	66.00
1966	65.80	56.60	37.00	33.70	45.00	59.90	63.90	71.80	77.90	88.90	81.90	80.00	64.26
1967	69.80	55.90	31.90	33.30	43.20	55.40	58.10	71.60	86.40	88.60	81.70	78.40	62.86
1968	69.00	46.80	36.50	37.80	40.80	50.20	67.80	79.70	86.40	90.20	90.80	80.30	64.07
1969	56.00	49.70	42.80	39.10	51.50	49.80	57.50	76.10	81.90	88.60	88.50	75.60	63.07
1970	59.00	50.40	40.30	35.60	42.40	52.50	64.10	70.10	84.90	89.40	88.80	74.40	62.86

Table 141. (continued)

## STATION 7031 RIFLE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	63.70	47.30	32.60	37.60	48.90	61.10	65.10	74.10	84.00	89.40	86.70	76.40	63.91
1972	61.60	43.60	31.40	29.00	40.50	50.90	57.70	72.10	80.50	86.00	86.80	76.70	59.73
1973	70.10	51.60	38.30	29.00	38.30	56.40	60.70	77.80	85.20	88.20	86.40	79.20	63.52
1974	68.30	50.50	34.40	31.80	38.50	49.90	57.20	67.70	79.80	87.90	86.60	79.10	60.97
1975	68.10	50.20	39.40	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	43	44	44	44	44	44	44	44	44	44	44	44	41
MEAN	68.41	51.77	39.43	36.35	43.05	52.97	64.04	74.53	83.62	90.38	87.73	79.93	64.35
STD DEV	4.36	5.14	4.21	4.62	5.59	4.34	4.12	4.06	3.46	2.37	2.58	3.52	2.32
CV	.06	.10	.11	.13	.13	.08	.06	.05	.04	.03	.03	.04	.04
STD ERR	.67	.77	.64	.70	.84	.65	.62	.61	.52	.36	.38	.53	.36
MAX	75.50	63.80	49.20	45.10	56.60	63.30	73.20	85.30	91.00	96.50	93.20	86.10	71.49
MIN	56.10	40.90	31.40	23.50	32.90	42.60	57.20	66.30	77.60	86.00	81.70	69.70	59.73
RANGE	19.40	22.90	17.80	21.60	23.70	20.70	16.00	19.00	13.20	10.50	11.50	16.40	11.76

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

## VII. MINIMUM TEMPERATURE CLIMATOLOGY

Table 15a. Time series and statistical summary of minimum temperature.

STATION 214 ALTENBERN

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1947	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1948	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1949	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1950	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1951	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1952	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1953	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1954	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1955	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1956	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1957	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1958	29.40	19.60	18.20	9.50	16.80	21.00	27.80	37.00	43.50	47.20	48.00	39.10	29.76
1959	29.60	17.60	14.90	9.30	18.10	20.90	27.10	37.00	42.00	48.40	44.70	42.70	28.24
1960	30.30	20.50	12.10	5.00	17.00	22.90	27.10	36.50	44.80	50.60	53.20	37.50	29.84
1961	30.20	21.20	9.10	5.00	21.20	17.30	31.60	33.90	41.60	45.50	43.30	37.70	26.13
1962	31.20	24.50	11.70	1.40	20.50	19.70	30.00	33.50	41.50	49.50	45.90	42.00	29.88
1963	33.40	21.70	8.50	1.90	5.40	13.80	28.70	36.70	41.40	49.80	45.50	37.10	26.82
1964	29.10	19.10	12.40	14.90	14.60	15.80	28.70	35.70	40.10	48.40	45.30	34.80	28.66
1965	28.10	27.30	16.10	12.20	9.90	20.00	28.80	33.90	44.30	52.90	48.90	41.40	30.33
1966	29.20	24.70	11.50	9.10	15.00	25.90	32.90	36.30	42.10	51.60	47.80	40.30	30.23
1967	29.60	17.60	8.10	3.60	21.00	24.50	32.40	36.60	45.10	51.50	47.70	38.70	29.27
1968	32.90	22.30	7.60	15.60	15.90	19.70	32.80	40.50	44.10	52.50	52.20	44.80	31.79
1969	30.00	16.10	16.70	14.40	21.20	22.50	32.40	37.90	44.10	51.10	51.40	40.30	31.30
1970	28.40	24.80	15.40	12.90	17.10	20.80	32.60	37.70	46.10	51.20	52.70	36.90	31.12
1971	33.50	21.60	11.90	12.40	17.10	25.70	32.90	37.70	46.10	52.20	50.90	43.40	32.23
1972	38.50	22.00	6.30	1.20	14.60	25.50	32.00	33.90	43.30	52.60	44.80	39.80	30.05
1973	30.70	21.40	10.90	3.90	15.30	25.80	32.50	37.30	45.40	51.20	46.10	39.70	28.68
1974	34.80	22.20	9.90	4.50	13.90	24.00	32.50	34.70	39.80	51.10	49.50	39.10	29.01
1975	28.20	16.70	10.60	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	18	18	18	17	17	17	17	17	17	17	17	18	17
MEAN	30.89	21.33	11.77	7.76	14.98	21.69	29.07	36.79	43.36	50.42	48.42	39.68	29.73
STD DEV	2.75	2.81	3.36	5.11	5.13	3.38	1.88	1.86	2.19	2.04	3.10	2.54	1.41
CV	.09	.13	.29	.66	.34	.16	.06	.05	.05	.04	.06	.06	.05
STD ERR	.65	.66	.79	1.24	1.24	.82	.46	.45	.53	.50	.75	.60	.34
MAX	38.50	27.30	18.20	15.60	21.20	25.90	32.80	40.50	47.90	52.90	53.20	44.80	32.23
MIN	28.10	16.70	6.30	1.40	5.30	13.90	26.40	33.60	39.80	45.50	43.30	34.80	26.82
RANGE	10.40	10.60	11.90	16.00	15.90	12.10	6.40	6.90	8.10	7.40	9.90	10.00	5.41

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 15b. Time series and statistical summary of minimum temperature.

STATION 1741 COLLEBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1893	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1894	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1895	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1896	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1897	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1898	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1899	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1900	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1901	33.90	21.00	13.40	10.10	18.00	20.50	31.00	37.90	45.20	55.20	53.70	41.80	999.90
1902	30.80	22.00	8.90	7.00	18.10	21.40	31.20	35.70	45.70	51.70	51.20	39.80	999.90
1903	29.80	19.00	6.60	4.70	18.00	26.70	31.90	35.30	45.70	51.10	50.70	42.10	999.90
1904	29.90	999.90	10.00	10.70	12.10	27.20	32.00	34.90	45.50	51.10	49.80	42.50	999.90
1905	25.50	21.10	1.10	6.30	16.80	24.30	31.40	36.70	42.50	50.40	48.80	41.60	999.90
1906	28.40	21.30	19.70	17.80	16.80	27.30	32.30	36.50	41.50	50.50	48.60	40.50	999.90
1907	34.50	14.90	11.10	17.70	25.30	32.60	39.90	42.20	41.80	51.60	51.30	44.40	999.90
1908	30.30	22.50	14.10	18.90	19.90	25.10	32.40	36.70	41.50	53.80	54.40	44.20	999.90
1909	36.50	25.50	7.60	14.20	14.10	32.10	33.90	45.20	49.40	53.80	52.50	47.10	999.90
1910	35.30	30.10	20.10	20.20	20.60	29.20	33.00	40.60	48.90	52.00	50.90	48.00	999.90
1911	31.90	19.90	13.70	13.20	17.40	25.40	33.50	36.60	45.20	52.20	50.80	37.80	999.90
1912	33.60	25.00	11.70	16.90	15.90	20.60	33.60	41.80	47.80	52.20	53.70	43.20	999.90
1913	33.70	29.30	12.90	16.40	15.40	24.00	34.90	41.50	47.80	53.60	51.50	46.50	999.90
1914	36.70	27.10	17.70	18.40	18.70	23.90	37.70	44.30	44.40	52.10	50.60	45.50	999.90
1915	35.50	23.60	17.50	14.00	20.00	27.10	37.90	43.80	44.50	52.00	50.80	43.50	999.90
1916	34.30	20.10	11.60	17.40	17.10	26.00	38.30	45.50	45.80	53.20	50.20	45.20	999.90
1917	33.00	30.70	23.30	12.10	16.30	27.90	37.60	49.90	47.90	51.50	50.60	44.40	999.90
1918	38.60	20.40	12.30	8.30	15.00	22.80	32.30	43.90	47.20	51.80	50.10	46.00	999.90
1919	30.90	20.90	4.10	7.30	19.90	27.90	32.90	40.40	45.50	50.80	50.80	42.70	999.90
1920	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1921	32.30	28.40	24.80	22.70	11.40	19.80	27.20	33.30	43.30	48.60	50.90	40.20	999.90
1922	27.50	21.40	16.80	11.60	11.00	17.20	30.90	41.50	41.00	48.20	49.00	38.40	999.90
1923	27.80	20.20	9.00	11.60	18.00	20.10	28.00	33.40	42.00	48.10	45.30	37.80	999.90
1924	30.00	20.00	2.30	11.50	11.60	22.40	31.50	39.60	44.60	53.50	48.30	43.10	999.90
1925	32.50	16.70	14.50	22.10	16.00	22.90	34.20	44.50	44.50	999.90	999.90	999.90	999.90
1926	29.20	22.30	10.60	14.90	18.90	20.30	31.40	37.90	45.50	49.80	48.30	41.60	999.90
1927	29.50	25.70	8.30	15.50	15.70	26.80	37.20	41.80	41.10	49.80	46.10	37.50	999.90
1928	31.70	23.90	3.50	19.50	14.80	29.20	28.60	44.40	41.20	51.80	50.00	999.90	999.90
1929	30.30	15.70	10.70	14.40	14.60	20.50	32.60	40.80	40.00	50.80	49.20	38.90	999.90
1930	27.50	13.40	9.90	21.50	14.30	19.50	30.10	33.30	47.70	50.80	50.20	45.30	999.90
1931	34.70	21.50	5.40	11.00	16.10	21.80	29.70	36.00	41.40	51.10	46.70	36.50	999.90
1932	28.60	21.20	3.70	4.00	4.10	23.30	25.70	33.50	48.10	52.10	48.60	44.90	999.90

Table 15b. (continued)

STATION 1741 COLBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	11	18	13	13	24	25	31	4	41	52	51	38	31
1972	9	11	10	10	11	11	11	4	42	51	45	40	29
1973	9	11	9	9	15	11	11	4	46	51	46	39	29
1974	9	11	9	9	15	11	11	4	42	51	46	41	29
1975	9	11	9	9	17	11	11	4	46	46	47	39	27
1976	9	11	9	9	15	11	11	4	41	49	44	41	29
1977	9	11	9	9	17	11	11	4	46	46	44	39	27
1978	9	11	9	9	15	11	11	4	45	45	44	45	30
1979	9	11	9	9	17	11	11	4	42	42	44	40	30
1980	9	11	9	9	13	11	11	4	63	49	45	38	30
1981	9	11	9	9	13	11	11	4	41	46	45	37	28
1982	9	11	9	9	19	11	11	4	39	49	49	37	28
1983	9	11	9	9	15	11	11	4	42	48	42	41	28
1984	9	11	9	9	13	11	11	4	41	48	44	41	28
1985	9	11	9	9	9	9	9	9	43	47	44	40	28
1986	9	11	9	9	9	9	9	9	43	49	44	40	28
1987	9	11	9	9	16	9	9	9	43	43	44	37	28
1988	9	11	9	9	16	9	9	9	42	45	44	37	28
1989	9	11	9	9	15	9	9	9	45	46	44	42	28
1990	9	11	9	9	15	9	9	9	46	46	44	42	28
1991	9	11	9	9	15	9	9	9	45	45	44	45	28
1992	9	11	9	9	15	9	9	9	49	47	44	46	28
1993	9	11	9	9	15	9	9	9	49	49	44	46	28
1994	9	11	9	9	15	9	9	9	46	47	44	45	28
1995	9	11	9	9	15	9	9	9	47	49	44	45	28
1996	9	11	9	9	15	9	9	9	46	49	44	45	28
1997	9	11	9	9	15	9	9	9	46	49	44	45	28
1998	9	11	9	9	15	9	9	9	46	49	44	45	28
1999	9	11	9	9	15	9	9	9	46	49	44	45	28
2000	9	11	9	9	15	9	9	9	46	49	44	45	28
2001	9	11	9	9	15	9	9	9	46	49	44	45	28
2002	9	11	9	9	15	9	9	9	46	49	44	45	28
2003	9	11	9	9	15	9	9	9	46	49	44	45	28
2004	9	11	9	9	15	9	9	9	46	49	44	45	28
2005	9	11	9	9	15	9	9	9	46	49	44	45	28
2006	9	11	9	9	15	9	9	9	46	49	44	45	28
2007	9	11	9	9	15	9	9	9	46	49	44	45	28
2008	9	11	9	9	15	9	9	9	46	49	44	45	28
2009	9	11	9	9	15	9	9	9	46	49	44	45	28
2010	9	11	9	9	15	9	9	9	46	49	44	45	28
2011	9	11	9	9	15	9	9	9	46	49	44	45	28
2012	9	11	9	9	15	9	9	9	46	49	44	45	28
2013	9	11	9	9	15	9	9	9	46	49	44	45	28
2014	9	11	9	9	15	9	9	9	46	49	44	45	28
2015	9	11	9	9	15	9	9	9	46	49	44	45	28
2016	9	11	9	9	15	9	9	9	46	49	44	45	28
2017	9	11	9	9	15	9	9	9	46	49	44	45	28
2018	9	11	9	9	15	9	9	9	46	49	44	45	28
2019	9	11	9	9	15	9	9	9	46	49	44	45	28
2020	9	11	9	9	15	9	9	9	46	49	44	45	28
2021	9	11	9	9	15	9	9	9	46	49	44	45	28
2022	9	11	9	9	15	9	9	9	46	49	44	45	28
2023	9	11	9	9	15	9	9	9	46	49	44	45	28
2024	9	11	9	9	15	9	9	9	46	49	44	45	28
2025	9	11	9	9	15	9	9	9	46	49	44	45	28
2026	9	11	9	9	15	9	9	9	46	49	44	45	28
2027	9	11	9	9	15	9	9	9	46	49	44	45	28
2028	9	11	9	9	15	9	9	9	46	49	44	45	28
2029	9	11	9	9	15	9	9	9	46	49	44	45	28
2030	9	11	9	9	15	9	9	9	46	49	44	45	28

Table 15b. (continued)

STATION 1741 COLLBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1973	28.60	20.30	8.50	3.80	4.40	25.40	999.90	33.00	42.20	47.30	38.10	33.50	999.90
1974	28.50	19.70	999.90	-3.40	10.00	20.00	25.60	33.60	41.30	47.50	40.20	999.90	999.90
1975	999.90	999.90	15.20	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	70	70	70	70	70	70	70	71	71	71	70	69	58
MEAN	31.90	21.49	12.25	8.71	14.61	22.31	30.59	37.63	44.76	51.12	49.64	41.65	30.84
STD DEV	3.24	3.94	5.00	5.86	5.92	3.31	2.79	2.53	2.78	2.71	2.87	3.35	2.19
CV	.10	.18	.41	.67	.41	.15	.09	.07	.06	.05	.06	.08	.07
STD ERR	.39	.47	.60	.70	.71	.40	.33	.30	.33	.32	.34	.40	.29
MAX	41.10	30.70	24.80	21.30	24.80	32.10	37.70	42.90	49.90	57.30	54.40	48.00	35.73
MIN	25.50	13.40	-.90	-6.10	-4.30	13.10	21.00	32.90	39.90	43.10	38.10	33.50	27.19
RANGE	15.60	17.30	25.70	27.40	29.10	19.00	16.70	10.00	10.00	14.20	16.30	14.50	8.54

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 15c. Time series and statistical summary of minimum temperature.

STATION 1772 COLORADO NATIONAL MO

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1940	43.70	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1941	46.30	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1942	45.00	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1943	43.70	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1944	47.00	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1945	44.50	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1946	37.70	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1947	46.40	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1948	41.90	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1949	39.90	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1950	49.80	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1951	999.90	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1952	40.80	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1953	41.80	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1954	39.50	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1955	44.70	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1956	45.00	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1957	999.90	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1958	46.10	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1959	41.30	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1960	39.00	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1961	41.50	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1962	46.10	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1963	49.30	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1964	45.50	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1965	45.40	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1966	39.70	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1967	41.40	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1968	40.10	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1969	34.80	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1970	38.30	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1971	42.30	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1972	42.50	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1973	42.00	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1974	46.00	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
1975	41.60	27.90	22.50	21.60	28.00	33.10	36.30	49.50	55.40	62.10	60.10	49.90	40.76
N	34	36	36	34	35	35	33	34	35	34	34	33	27
MEAN	42.53	29.34	21.19	18.21	22.91	29.00	37.57	47.61	56.53	63.59	61.02	53.07	40.15
STD DEV	3.26	3.06	3.64	4.65	5.03	3.25	3.61	3.03	3.10	1.84	2.65	3.23	1.59
CV	.08	.10	.17	.26	.22	.11	.10	.06	.05	.03	.04	.06	.04
STD ERR	.56	.51	.61	.80	.80	.55	.63	.52	.60	.45	.57	.57	.31
MAX	49.80	35.70	29.10	28.80	30.50	35.10	48.40	53.90	61.80	67.40	66.30	58.40	42.89
MIN	34.80	22.30	11.80	8.00	8.50	21.50	30.10	40.90	50.90	59.70	53.10	46.00	36.46
RANGE	15.00	13.40	17.30	20.80	22.00	14.60	15.30	13.00	10.90	7.70	13.20	12.40	6.43

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA



Table 15d. Time series and statistical summary of minimum temperature.

STATION 3146 FRUITA

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1931	38.30	22.20	7.80	7.40	23.40	26.00	31.20	44.70	50.30	60.00	57.10	43.40	34.65
1932	31.20	19.10	9.40	22.60	12.50	26.40	31.00	44.90	55.70	61.70	66.80	50.70	31.83
1933	36.60	23.40	9.40	20.00	27.60	29.50	35.30	49.90	59.60	61.40	60.00	44.40	38.37
1934	35.50	26.20	7.80	21.00	19.80	25.50	36.80	44.70	51.60	61.50	59.50	48.40	36.64
1935	34.10	22.00	3.30	14.50	25.00	26.90	33.70	44.50	56.60	62.00	62.50	45.00	37.07
1936	36.50	27.90	5.00	21.20	16.70	23.90	33.70	46.60	54.70	61.50	77.10	44.70	34.33
1937	36.40	27.00	1.10	20.10	24.90	30.40	33.30	46.60	54.80	61.50	66.30	50.50	37.77
1938	35.80	14.80	1.50	14.30	10.50	27.40	34.40	45.50	48.80	57.00	67.00	51.00	34.33
1939	31.50	11.50	2.00	19.40	25.80	27.70	34.10	44.70	54.70	59.70	55.20	51.70	37.27
1940	37.20	23.50	3.00	22.00	27.60	28.40	35.70	44.50	51.10	59.30	64.50	46.40	33.97
1941	40.00	33.60	3.00	22.00	16.10	24.80	39.90	42.00	49.50	57.90	65.10	44.00	35.83
1942	35.50	23.30	2.00	16.10	19.80	25.90	37.70	42.20	50.30	57.70	68.50	46.00	35.77
1943	35.70	20.90	2.60	19.90	21.70	25.00	39.90	44.40	50.80	58.00	64.00	44.20	33.47
1944	37.50	26.90	2.80	17.90	25.40	25.10	35.40	44.60	47.40	57.80	64.10	44.50	35.00
1945	37.30	11.10	2.00	9.70	15.30	27.40	36.10	44.30	50.10	58.00	67.30	44.50	34.86
1946	34.30	24.50	2.00	10.20	20.40	26.50	33.30	44.40	49.00	57.40	64.30	44.20	35.44
1947	39.60	21.20	1.80	10.20	18.30	23.40	34.90	44.30	49.10	55.00	64.10	44.40	34.44
1948	28.30	19.40	1.50	13.50	12.20	26.50	36.80	46.30	49.70	56.10	62.10	44.30	33.50
1949	32.70	20.40	1.70	15.10	19.20	25.80	33.20	46.30	42.90	53.60	67.30	44.90	31.11
1950	33.40	3.50	1.30	8.80	15.10	21.30	32.60	44.30	46.30	54.30	61.60	37.70	30.00
1951	30.00	0.00	1.10	11.00	15.10	23.90	34.40	44.30	48.60	54.50	61.00	37.70	30.00
1952	26.50	7.90	0.30	11.00	15.50	23.50	34.20	44.20	48.90	56.90	61.30	44.10	30.00
1953	34.30	5.60	3.70	11.60	20.10	23.30	34.40	44.60	46.90	58.50	60.20	46.70	32.44
1954	34.60	2.50	3.30	11.60	8.30	23.30	33.70	44.10	47.90	55.20	68.00	44.50	32.44
1955	31.70	2.20	2.40	12.00	16.60	20.40	34.00	44.40	50.30	53.20	60.00	40.90	33.33
1956	33.10	2.70	2.40	10.90	17.60	22.20	34.70	44.10	49.10	55.10	63.00	40.20	32.56
1957	31.70	4.70	2.60	11.50	22.60	27.20	34.90	44.90	51.00	52.50	65.50	44.00	32.56
1958	31.60	2.70	2.40	11.50	22.60	27.20	34.90	44.90	51.00	52.50	65.50	44.00	32.56
1959	32.50	1.50	2.30	15.00	18.10	26.30	35.50	44.40	54.10	55.40	64.20	47.70	34.44
1960	34.10	2.20	1.30	16.60	18.60	28.00	34.80	46.60	53.70	59.50	68.50	43.10	34.44
1961	33.80	2.00	1.30	16.60	25.70	28.40	35.50	46.60	51.00	53.60	61.10	44.10	34.44
1962	35.30	4.30	2.60	14.80	21.10	24.70	33.00	44.30	49.60	57.30	68.40	44.30	34.44
1963	39.20	5.50	1.70	14.80	21.70	24.70	33.00	44.30	49.60	57.30	68.40	44.30	34.44
1964	30.70	2.50	1.90	12.00	12.00	11.40	24.80	44.40	50.60	59.80	64.30	44.00	34.44
1965	32.70	0.00	1.50	9.90	17.70	11.40	24.80	44.40	50.60	59.80	64.30	44.00	34.44
1966	30.20	4.10	2.20	10.90	17.50	23.10	31.50	40.20	49.20	57.40	62.60	45.50	33.33
1967	32.00	0.70	3.30	14.70	18.80	26.30	31.60	40.40	49.90	57.60	62.80	46.00	33.33
1968	33.60	4.20	0.00	14.70	22.80	26.90	33.30	40.80	49.90	57.60	62.80	46.00	33.33
1969	33.20	1.10	2.80	14.80	22.80	26.90	33.30	40.80	49.90	57.60	62.80	46.00	33.33
1970	31.30	0.00	2.00	14.80	17.20	20.30	30.30	44.20	50.80	55.50	66.50	39.10	34.61

Table 15d. (continued)

STATION 3146 FRUITA

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	33.50	21.30	14.30	14.50	16.40	27.40	34.20	42.40	52.80	55.80	54.20	46.30	34.42
1972	41.10	25.90	9.50	-3.20	17.40	28.00	31.60	40.60	47.10	55.00	56.70	43.30	32.75
1973	32.60	24.30	17.10	8.60	3.40	28.60	31.40	42.40	50.30	57.40	51.40	43.40	32.57
1974	37.90	26.40	15.20	6.50	21.70	28.40	32.30	40.50	46.60	59.00	52.10	43.80	34.20
1975	31.40	20.70	16.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	45	45	45	44	44	44	44	44	44	44	44	44	44
MEAN	34.21	22.54	15.28	11.68	18.42	25.64	33.95	43.14	50.16	57.28	55.12	45.14	34.39
STD DEV	3.13	3.04	4.24	6.69	6.77	2.54	2.64	2.26	2.58	2.32	2.99	3.09	1.76
CV	.09	.13	.28	.57	.37	.10	.08	.05	.05	.04	.05	.07	.05
STD ERR	.47	.45	.63	1.01	1.02	.38	.40	.34	.39	.35	.45	.47	.26
MAX	41.10	30.00	23.20	22.40	27.60	30.40	40.10	49.90	56.60	62.00	60.00	51.70	38.97
MIN	26.50	14.80	6.40	-4.20	-2.50	20.30	29.00	38.10	42.90	52.50	47.80	37.20	31.00
RANGE	14.60	15.20	16.80	26.60	30.10	10.10	11.10	11.80	13.70	9.50	12.20	14.50	7.37

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 15e. Time series and statistical summary of minimum temperature.

STATION 3246 GATEWAY 1SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1947	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1948	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1949	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1950	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1951	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1952	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1953	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1954	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1955	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1956	39.40	20.10	13.50	20.20	23.10	32.10	36.20	42.40	50.90	61.20	60.30	45.60	37.01
1957	43.70	28.60	21.50	16.10	29.60	31.30	35.20	45.10	55.90	62.20	999.90	51.50	999.90
1958	38.00	28.00	999.90	19.40	27.30	29.70	33.30	48.90	59.90	62.20	59.60	50.60	999.90
1959	38.10	24.30	20.10	11.70	21.00	31.00	37.90	44.30	52.90	58.20	56.70	53.30	37.97
1960	39.90	30.60	19.70	12.10	24.90	31.50	37.80	46.70	52.90	60.50	60.30	45.50	38.91
1961	37.60	28.60	15.40	15.00	29.70	26.50	40.60	46.70	53.20	59.30	58.70	50.80	38.47
1962	40.20	29.50	15.30	13.40	24.60	29.30	35.60	47.30	53.20	61.70	60.50	51.40	37.67
1963	43.40	29.30	14.20	14.70	14.60	24.30	37.90	45.50	53.90	65.20	999.90	51.70	999.90
1964	39.40	28.40	22.10	12.40	23.30	29.10	38.80	44.10	51.10	59.70	58.00	48.80	39.95
1965	37.80	34.60	22.30	12.20	22.10	29.30	38.60	48.80	55.90	63.10	59.60	51.10	40.07
1966	37.30	32.20	22.30	12.80	26.40	36.00	38.80	44.60	55.90	62.70	60.20	51.50	40.03
1967	39.80	28.90	14.90	7.00	30.80	31.30	35.10	46.00	52.10	61.80	55.80	46.90	37.78
1968	40.30	28.70	14.70	27.10	27.30	27.30	38.20	48.90	52.90	62.70	62.30	54.60	40.03
1969	36.20	25.20	22.20	20.60	24.60	30.10	37.60	46.40	54.90	63.10	63.50	49.30	39.07
1970	36.60	30.30	24.70	16.50	24.90	28.20	37.10	45.20	55.90	63.20	62.60	45.50	39.30
1971	39.30	25.50	18.80	21.20	22.40	34.10	38.60	44.20	56.60	61.00	59.90	50.20	39.48
1972	43.70	29.60	18.30	18.20	18.30	28.70	31.00	40.90	48.10	60.00	59.70	46.50	35.38
1973	36.90	27.10	17.70	15.50	5.40	30.00	31.00	47.20	53.60	58.30	52.00	43.00	33.97
1974	35.00	999.90	11.80	13.20	24.00	29.50	31.90	40.50	46.00	56.10	48.90	42.90	999.90
1975	34.10	25.10	20.80	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	20	19	19	19	19	19	19	19	19	19	17	19	15
MEAN	38.83	28.14	18.49	15.19	23.27	29.96	36.33	45.43	53.56	61.20	58.71	48.98	38.27
STD DEV	2.66	3.17	3.78	6.90	5.80	2.61	2.77	2.41	3.27	2.14	3.71	3.40	1.75
CV	.07	.11	.20	.45	.25	.09	.08	.05	.06	.03	.06	.07	.05
STD ERR	.59	.73	.87	1.58	1.33	.60	.64	.55	.75	.49	.90	.78	.45
MAX	43.70	34.60	24.70	24.70	30.80	36.00	40.60	48.90	59.90	65.20	63.50	54.60	40.07
MIN	34.10	20.10	11.80	7.00	5.40	24.30	31.00	40.50	46.00	56.10	48.90	42.90	33.97
RANGE	9.60	14.50	12.90	24.90	25.40	11.70	9.60	8.40	13.50	9.10	14.60	11.70	6.10

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 15f. Time series and statistical summary of minimum temperature.

STATION 3488 GRANDJUNCTION WSO AP

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1899	33.50	32.70	11.80	23.50	24.40	31.80	39.90	50.50	60.50	63.00	58.40	50.70	40.56
1900	44.19	29.50	17.60	16.50	26.20	28.60	38.70	50.90	55.50	66.00	63.10	50.40	40.44
1901	44.33	28.20	17.90	17.30	22.50	27.60	40.10	47.50	55.00	60.10	61.10	50.00	40.42
1902	44.60	29.30	14.50	11.70	21.60	31.40	40.10	46.60	57.40	63.50	62.30	44.80	37.27
1903	44.60	25.60	13.40	11.50	15.60	32.40	41.70	48.80	55.90	61.90	62.60	50.20	39.58
1904	44.60	33.60	16.60	15.40	20.90	35.70	41.50	45.50	57.60	62.80	63.40	50.90	39.69
1905	44.60	30.00	14.90	14.50	19.70	31.80	39.90	47.40	56.00	61.70	63.70	50.60	39.05
1906	44.60	30.00	27.30	11.00	23.30	31.10	40.50	47.40	52.80	62.90	61.40	50.50	41.98
1907	44.60	27.20	21.10	15.90	22.50	31.00	40.50	44.30	52.30	64.20	61.30	50.90	39.98
1908	44.60	26.20	13.50	13.30	22.30	31.60	35.20	44.40	52.40	64.40	64.50	50.00	39.52
1909	44.60	29.60	27.90	22.10	22.90	37.10	41.10	48.80	61.00	64.70	63.70	50.30	40.21
1910	44.60	33.60	20.40	22.40	22.50	35.60	39.30	49.60	57.40	62.60	61.80	50.70	42.09
1911	44.60	33.60	11.00	22.70	22.20	32.20	35.90	44.60	55.40	61.90	60.20	46.60	37.54
1912	44.60	27.60	11.10	13.90	15.50	22.40	40.60	44.60	56.00	62.50	60.90	50.00	38.33
1913	44.60	34.10	16.30	15.00	13.00	29.90	42.60	49.90	56.00	63.90	61.60	50.00	40.73
1914	44.60	27.70	17.20	19.30	16.60	31.50	44.60	44.60	54.90	63.50	61.10	50.00	39.80
1915	44.60	28.30	21.50	12.90	21.10	33.70	39.50	44.60	57.10	64.30	60.60	50.00	39.61
1916	44.60	33.20	24.50	12.60	14.20	24.90	35.70	44.60	54.90	66.00	61.30	50.00	36.23
1917	44.60	25.50	18.00	16.60	15.50	35.70	37.10	44.60	62.20	62.20	61.50	50.00	40.46
1918	44.60	25.50	18.00	16.60	15.50	35.70	37.10	44.60	62.20	62.20	61.50	50.00	40.68
1919	44.60	24.70	22.20	18.60	15.00	29.60	42.30	44.60	59.80	66.40	60.30	50.00	40.68
1920	44.60	29.70	16.50	21.20	17.00	33.60	33.60	47.90	56.60	63.30	60.30	50.00	36.75
1921	44.60	29.70	16.50	21.20	17.00	33.60	33.60	47.90	56.60	63.30	60.30	50.00	40.75
1922	44.60	27.50	25.10	21.60	11.00	29.60	35.90	47.90	59.30	63.70	64.50	50.00	41.26
1923	44.60	29.90	19.40	21.40	14.40	26.60	39.80	44.60	55.00	66.10	60.50	50.00	40.63
1924	44.60	27.50	22.30	19.90	17.70	33.20	42.10	44.60	59.50	63.70	60.50	50.00	39.93
1925	44.60	29.40	22.30	18.40	14.40	31.90	42.30	44.60	57.50	65.30	60.90	50.00	39.08
1926	44.60	29.20	19.80	18.00	15.60	31.30	44.50	44.60	58.10	65.30	60.10	50.00	41.60
1927	44.60	31.70	16.00	18.70	15.50	34.80	40.50	44.60	54.60	64.20	60.90	50.00	40.81
1928	44.60	31.50	14.10	18.20	15.00	30.80	40.50	44.60	58.90	64.00	60.00	50.00	40.63
1929	44.60	33.40	18.30	18.80	15.00	34.80	40.50	44.60	56.90	64.00	60.00	50.00	38.67
1930	44.60	33.40	18.30	18.80	15.00	34.80	40.50	44.60	56.90	64.00	60.00	50.00	39.51
1931	44.60	25.70	14.30	15.10	12.90	31.50	40.50	44.60	62.60	65.10	60.30	50.00	39.53
1932	44.60	26.40	10.50	12.10	9.90	27.50	40.40	44.60	62.90	65.50	60.40	50.00	40.53
1933	44.60	26.40	10.50	12.10	9.90	27.50	40.40	44.60	62.90	65.50	60.40	50.00	39.67
1934	44.60	25.10	11.00	10.60	6.60	29.40	40.60	44.60	55.70	64.30	62.70	50.00	37.40
1935	44.60	28.10	11.90	12.40	8.50	31.20	40.60	44.60	63.20	66.90	62.00	50.00	43.98
1936	44.60	29.10	11.00	12.40	8.50	31.20	40.60	44.60	59.00	66.50	64.40	50.00	42.58
1937	44.60	29.10	11.00	12.40	8.50	31.20	40.60	44.60	59.00	66.50	64.40	50.00	42.58
1938	44.60	25.20	11.70	10.90	9.00	29.90	40.30	44.60	61.70	66.60	64.40	50.00	42.01
1939	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1940	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1941	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1942	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1943	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1944	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1945	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1946	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1947	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1948	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1949	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1950	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1951	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1952	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1953	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1954	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1955	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1956	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1957	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1958	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1959	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1960	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1961	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1962	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1963	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1964	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1965	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1966	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1967	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1968	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1969	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1970	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1971	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1972	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1973	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1974	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1975	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1976	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1977	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1978	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1979	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1980	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1981	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1982	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60	57.00	66.00	66.00	50.00	43.05
1983	44.60	32.70	14.40	13.30	9.40	32.70	37.30	44.60					

Table 15f. (continued)

STATION 3488 GRANDJUNCTION WSO AP

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YP
1939	40.20	30.50	22.00	20.80	29.30	34.50	42.80	53.40	62.40	67.20	63.60	57.00	43.64
1940	43.80	27.90	22.00	24.10	29.80	33.80	39.50	51.30	56.40	63.40	60.70	51.10	42.20
1941	42.40	29.10	22.00	19.00	19.20	26.50	43.00	46.90	57.50	65.10	63.10	52.50	40.90
1942	42.10	29.90	22.00	21.00	26.40	30.80	46.90	48.70	57.60	65.60	63.10	52.00	42.49
1943	43.60	29.30	22.00	15.10	25.00	25.10	32.80	50.00	56.40	63.30	62.20	52.50	40.84
1944	45.80	29.00	21.00	21.40	29.00	31.50	32.60	51.10	53.10	64.80	63.90	52.50	41.77
1945	43.50	29.40	22.00	15.10	29.00	29.00	32.70	46.40	57.90	64.90	63.90	52.50	40.15
1946	37.50	29.00	22.00	9.50	24.50	31.50	33.00	43.00	52.60	63.20	61.10	52.50	39.44
1947	44.50	29.00	19.00	14.70	19.60	25.30	33.80	49.60	55.40	60.80	59.50	52.50	38.98
1948	39.40	29.30	22.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1949	999.90	999.90	999.90	12.60	24.20	29.90	38.90	45.50	54.70	61.40	61.10	54.00	909.90
1950	45.70	29.30	22.00	14.80	21.10	25.20	38.90	49.40	53.20	64.30	61.10	51.10	40.30
1951	40.40	29.30	22.00	19.50	22.10	22.80	38.90	49.30	52.60	63.00	61.10	54.10	39.65
1952	41.40	29.00	22.00	23.90	21.50	22.00	37.70	43.80	52.00	66.00	64.10	54.00	40.10
1953	42.10	29.00	22.00	17.40	27.50	27.30	42.30	47.20	56.00	66.60	60.60	55.00	41.72
1954	41.90	29.80	22.00	15.60	11.40	11.40	33.60	47.50	56.30	65.60	62.80	55.60	39.09
1955	41.50	29.90	22.00	27.20	20.40	28.50	40.00	50.60	60.50	62.80	59.60	52.40	41.62
1956	42.80	29.00	22.00	17.20	22.80	33.00	38.10	45.50	55.60	63.00	60.40	50.40	38.89
1957	44.70	29.00	22.00	20.00	30.90	30.60	33.50	51.00	61.00	63.50	64.30	54.30	42.22
1958	42.00	29.00	22.00	19.00	26.40	29.00	33.00	50.00	60.80	64.90	62.50	52.00	41.67
1959	40.00	29.70	22.00	12.50	20.90	31.30	40.00	47.90	59.70	64.90	61.40	55.50	40.78
1960	42.70	29.30	22.00	15.40	25.60	31.90	40.00	49.60	60.90	63.90	61.60	54.00	40.58
1961	40.10	29.60	22.00	12.40	29.30	26.70	41.80	48.50	56.60	62.30	62.60	53.60	39.62
1962	43.70	29.50	22.00	1.70	27.70	30.00	32.60	51.60	57.00	65.30	62.60	55.50	40.27
1963	47.50	29.60	22.00	13.70	17.30	24.90	32.20	47.80	54.60	65.50	60.10	52.00	38.99
1964	42.00	29.80	22.00	22.80	22.90	33.50	43.90	50.70	55.70	65.10	62.50	50.00	41.22
1965	43.50	29.80	22.00	12.30	20.00	31.50	37.90	50.00	57.60	66.50	62.10	54.30	41.62
1966	42.90	29.50	22.00	13.80	24.40	35.10	37.30	45.60	55.10	63.00	61.50	53.10	40.38
1967	40.50	29.20	22.00	3.80	28.10	30.10	33.30	45.20	56.40	63.40	61.60	48.90	36.90
1968	40.30	29.60	22.00	19.30	24.20	35.60	33.70	50.70	52.90	63.70	64.40	55.00	39.58
1969	36.30	29.10	22.00	19.90	26.90	35.80	32.10	47.10	52.90	63.90	64.00	49.00	39.57
1970	36.40	29.50	22.00	16.30	20.90	35.00	37.10	45.80	53.30	64.50	64.40	47.70	38.97
1971	39.70	29.10	22.00	18.20	22.10	31.60	39.20	47.40	59.10	64.30	62.50	54.40	40.01
1972	44.80	29.40	22.00	1.00	19.80	32.60	32.10	47.40	55.40	63.70	63.20	50.80	38.08
1973	42.10	29.90	20.70	9.10	6.50	30.70	37.40	48.80	57.10	63.90	60.00	50.40	38.47
1974	43.80	29.20	20.40	8.60	23.40	30.30	34.30	44.30	51.20	63.90	58.90	52.00	38.19
1975	38.40	29.40	16.60	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	76	76	76	74	75	75	75	75	75	75	75	75	73
MEAN	41.19	28.29	18.29	15.32	23.04	30.88	39.31	48.43	57.26	64.25	62.01	53.01	40.13
STD	2.68	3.02	4.96	6.30	5.78	2.84	2.90	2.53	2.57	1.59	1.70	2.40	1.58
CV	.07	.11	.27	.41	.25	.09	.07	.05	.04	.02	.03	.05	.04
STD ERR	.21	.35	.57	.73	.67	.33	.33	.29	.30	.18	.20	.28	.19
MAX	47.50	31.80	21.00	27.20	31.90	37.10	46.90	55.40	63.20	68.50	64.60	57.90	43.96
MIN	35.30	21.60	12.00	8.90	1.60	24.90	32.10	43.50	51.20	60.10	56.60	46.20	36.23
RANGE	12.20	16.20	2.10	26.30	30.30	12.20	14.80	11.90	12.00	8.40	8.00	11.70	7.73

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

101

Table 15g. Time series and statistical summary of minimum temperature.

STATION 3489 GRAND JUNCTION G ESE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1962	42.10	999.90	999.90	999.90	999.90	999.90	999.90	999.90	57.20	64.80	58.70	53.20	999.90
1963	46.40	30.60	15.90	12.90	17.90	25.70	38.20	48.40	55.50	65.50	59.90	52.90	39.07
1964	42.20	28.90	21.50	23.50	22.80	28.40	40.00	46.90	53.60	61.60	59.90	49.10	39.87
1965	41.90	36.20	23.70	13.50	20.10	30.90	37.60	49.80	57.80	65.60	61.40	53.30	40.98
1966	39.70	33.70	21.70	16.00	25.00	36.60	38.30	44.50	53.30	62.80	61.50	52.70	40.48
1967	41.40	30.50	13.00	7.00	29.50	33.50	35.90	45.70	57.20	65.90	57.10	50.10	38.73
1968	41.70	30.10	15.10	21.40	25.60	28.10	40.90	52.40	54.40	65.30	64.30	56.20	41.27
1969	36.90	28.90	22.40	20.90	28.00	29.60	34.90	48.90	56.60	63.90	63.80	50.10	40.56
1970	36.90	30.10	23.40	19.00	22.60	28.40	38.90	46.30	58.00	64.60	62.90	48.00	39.87
1971	40.20	27.40	18.50	18.10	25.40	35.80	41.50	47.90	58.30	62.30	60.50	52.50	40.65
1972	44.70	28.60	13.90	1.60	20.20	31.80	34.10	46.40	54.60	61.70	62.40	49.40	37.62
1973	40.90	28.50	20.20	8.70	7.80	33.90	36.40	49.60	58.00	63.50	59.50	51.10	38.17
1974	44.20	29.70	18.80	10.20	22.70	29.20	33.70	44.00	52.40	63.00	999.90	49.80	999.90
1975	38.00	24.70	17.30	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	14	13	13	12	12	12	12	12	13	13	12	13	11
MEAN	41.23	29.84	18.96	14.41	22.30	30.99	37.76	47.52	55.92	63.65	60.91	51.42	39.75
STD DEV	2.79	2.80	3.85	6.62	5.65	3.37	2.31	2.41	2.05	1.41	2.10	2.27	1.20
CV	.07	.09	.20	.46	.25	.11	.06	.05	.04	.02	.03	.04	.03
STD ERR	.75	.78	1.07	1.91	1.63	.97	1.67	.70	.57	.39	.61	.63	.36
MAX	46.40	36.20	24.20	23.50	29.50	36.60	41.50	52.40	58.30	65.60	64.30	56.20	41.27
MIN	36.90	24.70	13.00	1.60	7.80	25.70	33.70	44.00	52.40	61.60	57.10	48.00	37.62
RANGE	9.50	11.50	11.20	21.90	21.70	10.90	7.80	8.40	5.90	4.00	7.20	8.20	3.65

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 15h. Time series and statistical summary of minimum temperature.

STATION 3508 GRAND VALLEY

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1965	34.90	30.10	20.30	10.30	15.40	24.80	31.90	42.00	49.20	61.00	56.30	48.80	35.42
1966	34.50	28.00	18.10	15.20	22.50	29.40	33.90	41.90	49.40	59.10	56.70	48.50	36.43
1967	35.40	24.80	9.80	4.90	23.90	27.90	30.90	40.20	49.90	55.80	51.50	40.70	32.97
1968	33.60	24.10	9.10	15.20	18.40	22.20	34.40	43.30	48.70	56.90	57.10	47.30	34.19
1969	31.80	21.30	18.30	15.90	22.90	26.10	29.20	41.90	50.20	56.90	57.50	43.30	34.61
1970	31.00	25.60	17.80	15.30	20.50	23.40	32.20	39.50	50.50	56.20	56.10	41.20	34.11
1971	34.10	21.80	11.70	4.00	17.10	27.50	32.50	41.00	51.10	53.90	53.80	44.60	33.76
1972	38.40	24.10	15.90	5.20	16.80	28.70	31.90	39.70	46.20	53.80	53.30	42.20	31.75
1973	31.70	22.20	12.30	5.90	4.50	26.60	31.40	39.80	50.50	56.30	50.80	42.20	31.19
1974	33.70	22.40	9.90	4.50	17.20	25.70	28.80	39.10	44.70	56.20	49.70	42.70	31.38
1975	28.20	16.40	10.50	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	11	11	11	10	10	10	10	10	10	10	10	10	10
MEAN	33.57	23.71	13.06	10.14	17.90	26.23	31.71	40.84	49.04	56.82	54.29	44.15	33.58
STD DEV	2.76	3.62	4.74	5.79	5.56	2.29	1.78	1.39	2.05	1.96	2.86	3.01	1.75
CV	.08	.15	.36	.57	.31	.09	.06	.03	.04	.03	.05	.07	.03
STD ERR	.83	1.09	1.43	1.83	1.76	.72	.56	.44	.65	.62	.90	.95	.55
MAX	38.40	30.10	20.30	15.90	23.90	29.40	34.40	43.30	51.10	61.00	57.50	48.80	36.43
MIN	28.20	16.40	5.90	4.50	4.50	22.20	28.80	39.10	44.70	53.80	49.70	40.70	31.19
RANGE	10.20	13.70	14.40	15.70	19.40	7.20	5.60	4.20	6.40	7.20	7.80	8.10	5.24

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 15i. Time series and statistical summary of minimum temperature.

STATION 5048 LITTLE HILLS

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1946	26.90	17.70	15.20	1.90	16.70	20.30	28.60	34.20	38.50	43.20	44.50	36.80	27.04
1947	29.10	12.00	7.60	7.30	7.00	10.20	24.80	30.30	38.40	42.80	42.30	34.00	23.23
1948	20.30	9.80	8.40	-5.50	1.90	23.80	27.80	34.20	39.70	44.40	41.20	33.00	23.25
1949	22.50	15.80	5.10	4.70	7.10	16.00	21.60	27.30	29.70	40.10	37.80	33.30	21.75
1950	23.40	16.60	12.60	3.20	15.20	16.80	21.50	22.80	35.60	43.70	44.10	31.00	25.04
1951	25.40	9.50	6.30	9.00	1.60	9.70	25.00	31.10	38.70	43.70	44.50	34.10	22.60
1952	18.80	7.20	4.60	15.70	5.80	18.50	33.30	33.30	38.50	48.80	43.60	32.10	23.85
1953	23.60	18.70	5.50	12.40	14.40	18.20	23.10	32.20	38.70	50.00	42.50	38.90	26.92
1954	25.80	16.40	3.50	12.20	-1.20	14.00	22.30	22.30	34.80	42.00	46.00	31.10	26.92
1955	17.60	14.40	16.10	15.40	9.30	13.80	23.30	28.80	39.70	44.10	41.00	31.50	24.56
1956	20.00	4.70	8.70	99.90	99.90	99.90	99.90	99.90	39.40	47.50	47.70	31.50	99.90
1957	22.90	15.60	8.60	4.40	18.50	19.50	29.70	35.50	39.30	42.80	44.20	35.30	26.30
1958	19.60	12.20	11.40	6.40	11.40	16.60	21.40	21.40	41.30	44.70	46.50	37.00	25.15
1959	25.50	14.40	7.70	4.20	11.20	18.20	22.00	22.00	38.90	43.50	43.20	39.80	24.57
1960	27.10	19.20	4.20	4.50	14.90	20.30	24.60	24.60	40.60	47.40	49.90	34.50	26.28
1961	25.10	14.90	6.70	-1.20	15.20	9.70	15.10	15.10	38.60	43.70	40.00	35.10	23.85
1962	24.70	18.00	4.70	1.40	13.70	14.60	21.80	21.80	36.30	43.50	47.50	36.60	24.17
1963	23.50	16.40	4.50	1.10	12.20	8.70	21.50	21.50	37.00	46.60	44.20	32.50	24.33
1964	22.30	13.30	13.60	11.10	7.20	10.50	19.90	19.90	37.30	46.50	41.10	31.40	22.47
1965	21.90	18.80	8.20	11.40	1.40	14.40	19.00	22.90	35.90	46.10	40.10	32.30	22.44
1966	20.40	19.50	2.70	4.40	9.70	22.30	24.50	24.50	39.10	47.50	45.30	36.30	25.24
1967	23.90	16.10	1.00	2.80	11.10	17.80	20.20	20.20	35.80	43.60	42.10	29.10	22.26
1968	23.50	14.80	1.50	10.80	18.60	11.10	27.40	27.40	39.80	48.30	49.90	39.20	25.79
1969	24.40	12.80	10.60	10.90	17.00	17.20	27.90	27.90	39.50	46.40	47.40	33.60	26.18
1970	22.00	22.20	10.70	12.50	10.50	16.10	22.50	22.50	37.60	47.40	47.10	30.60	25.86
1971	25.80	15.80	6.70	10.10	13.70	21.40	27.00	27.00	42.70	44.70	42.90	37.40	26.61
1972	33.90	17.50	3.40	-3.60	2.40	18.00	23.10	23.10	38.10	45.10	46.40	34.50	23.77
1973	24.70	17.60	6.40	0.00	2.90	22.10	24.80	24.80	39.70	47.60	40.00	31.60	24.06
1974	26.30	17.10	2.30	4.30	10.80	99.90	99.90	99.90	37.60	47.80	40.50	32.60	99.90
1975	22.90	13.10	9.30	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90
N	30	30	30	28	28	27	28	28	29	29	29	29	27
MEAN	24.19	15.07	6.74	4.20	8.48	16.29	24.18	31.82	38.21	45.29	43.83	34.06	24.43
STD DEV	3.48	3.78	4.40	6.12	6.14	4.27	2.50	2.19	2.35	2.34	2.95	2.82	1.60
CV	.14	.25	.65	1.46	.72	.26	.10	.07	.06	.05	.07	.08	.07
STD ERR	.63	.69	.80	1.16	1.16	.82	.47	.41	.44	.43	.55	.52	.31
MAX	33.90	22.20	16.10	15.50	18.50	23.80	28.60	38.50	42.70	50.00	49.20	39.80	27.04
MIN	17.60	4.70	1.70	9.30	2.20	8.70	19.00	27.30	29.70	40.10	37.80	29.10	21.75
RANGE	16.30	17.50	16.80	21.20	20.70	15.10	9.60	11.20	13.00	9.90	11.40	10.70	5.29

NOTE: 999.9 = MISSING DATA; 900 ADDED TO ESTIMATED OR INTERPOLATED DATA



Table 15j. Time series and statistical summary of minimum temperature.

STATION 5520 MESA LAKES RESORT

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	23.20	11.90	3.60	-1.40	5.10	12.30	19.40	27.30	37.60	41.30	40.00	35.00	21.36
1972	27.60	5.00	1.10	-1.40	2.80	9.50	11.60	25.20	34.90	42.50	43.70	34.50	19.82
1973	27.30	20.70	3.60	2.30	-1.60	13.10	13.10	29.80	38.10	43.50	40.40	34.10	22.11
1974	29.90	12.70	5.30	2.30	1.40	11.10	15.00	24.40	34.00	44.40	41.10	34.60	21.10
1975	26.00	12.10	5.20	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	5	5	5	4	4	4	4	4	4	4	4	4	4
MEAN	26.80	12.48	2.92	1.92	2.17	11.50	14.77	26.92	36.15	42.92	41.30	34.55	21.10
STD DEV	2.45	5.57	1.98	1.53	2.40	1.57	3.38	2.26	2.01	1.33	1.66	.37	.95
CV	.09	.45	.68	1.65	1.10	.14	.23	.08	.06	.03	.04	.01	.05
STD ERR	1.10	2.49	.88	.77	1.20	.78	1.69	1.13	1.00	.67	.83	.18	.48
MAX	29.90	20.70	5.20	2.30	5.10	13.10	19.40	29.80	38.10	44.40	43.70	35.00	22.11
MIN	23.20	5.00	-1.10	-1.40	-1.60	9.50	11.60	24.40	34.00	41.30	40.00	34.10	19.82
RANGE	6.70	15.70	5.30	2.70	5.70	3.60	7.80	5.40	4.10	3.10	3.70	.90	2.29

NOTE: 999.9 = MISSING DATA; 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 15k. Time series and statistical summary of minimum temperature.

STATION 6266 PALISADE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1929	999.90	999.90	19.20	9.00	20.70	999.90	44.50	44.60	56.40	60.70	60.40	50.10	999.90
1930	37.50	999.90	11.80	11.80	20.90	999.90	39.00	44.40	999.90	999.90	999.90	50.10	999.90
1931	44.50	999.90	13.10	11.90	22.50	999.90	41.20	47.40	999.90	999.90	999.90	999.90	999.90
1932	999.90	999.90	999.90	12.10	22.80	999.90	35.00	44.30	999.90	64.50	999.90	999.90	999.90
1933	41.40	999.90	23.90	12.80	22.40	999.90	44.20	52.90	999.90	65.10	62.50	50.20	999.90
1934	40.00	999.90	22.50	11.70	22.80	999.90	39.80	47.30	999.90	63.40	62.10	55.30	41.13
1935	30.00	999.90	22.00	18.70	22.90	999.90	40.80	50.60	999.90	63.60	62.00	55.90	999.90
1936	30.70	999.90	999.90	18.20	22.00	999.90	39.00	51.10	999.90	63.10	62.20	55.40	999.90
1937	39.20	999.90	24.30	21.00	22.70	999.90	40.40	46.90	999.90	61.80	62.40	44.70	41.83
1938	41.30	999.90	20.00	16.80	22.20	999.90	41.60	51.10	999.90	64.20	61.40	50.20	41.12
1939	39.70	999.90	23.70	23.90	22.60	999.90	40.90	47.30	999.90	65.00	61.90	56.60	999.90
1940	44.00	999.90	23.70	23.70	23.70	999.90	40.90	50.90	999.90	63.20	61.30	50.00	999.90
1941	44.00	999.90	23.00	22.60	22.90	999.90	41.60	44.60	999.90	999.90	999.90	52.90	999.90
1942	44.50	999.90	22.30	16.30	22.70	999.90	45.00	48.60	999.90	999.90	999.90	54.70	42.82
1943	44.50	999.90	22.60	16.80	22.00	999.90	37.20	48.40	999.90	61.20	60.60	55.70	40.80
1944	44.90	999.90	23.10	22.70	22.20	999.90	35.20	50.00	999.90	63.30	62.40	52.30	41.52
1945	44.50	999.90	17.10	16.60	22.00	999.90	35.00	46.40	999.90	63.80	62.10	53.30	40.90
1946	39.40	999.90	22.00	15.20	22.60	999.90	39.40	51.50	999.90	62.10	61.90	56.10	41.17
1947	44.70	999.90	22.00	15.20	22.10	999.90	40.00	49.00	999.90	62.40	61.40	55.50	39.87
1948	44.30	999.90	22.00	14.70	22.10	999.90	42.90	49.70	999.90	62.00	62.00	54.60	40.37
1949	40.90	999.90	23.20	16.70	22.30	999.90	41.00	46.80	999.90	62.20	62.40	54.40	41.16
1950	46.90	999.90	28.30	18.60	22.60	999.90	40.90	51.10	999.90	63.30	62.50	50.70	42.57
1951	41.70	999.90	17.40	20.80	22.30	999.90	41.80	50.80	999.90	59.60	61.50	58.90	40.53
1952	44.80	999.90	21.00	20.00	22.00	999.90	39.70	44.90	999.90	66.70	61.10	55.90	42.27
1953	44.50	999.90	20.00	20.00	22.70	999.90	44.20	51.80	999.90	66.00	61.30	55.60	43.47
1954	44.50	999.90	20.30	17.90	22.40	999.90	38.20	49.40	999.90	63.30	61.70	55.30	40.42
1955	44.30	999.90	18.60	19.00	22.40	999.90	39.20	49.30	999.90	62.60	60.90	55.80	42.86
1956	44.30	999.90	20.00	19.00	22.90	999.90	35.00	45.70	999.90	62.70	60.40	55.50	40.01
1957	44.30	999.90	20.00	19.00	22.40	999.90	39.40	49.00	999.90	62.90	60.20	53.20	40.19
1958	44.00	999.90	20.00	18.50	22.70	999.90	40.00	50.90	999.90	64.70	61.50	52.30	42.57
1959	44.00	999.90	20.00	18.90	22.00	999.90	42.00	49.30	999.90	64.10	60.70	54.90	41.41
1960	44.00	999.90	20.00	16.50	22.10	999.90	40.00	51.40	999.90	65.10	60.20	57.20	41.53
1961	44.10	999.90	16.60	15.40	22.90	999.90	42.00	48.20	999.90	61.10	60.90	52.00	40.07
1962	44.50	999.90	20.70	15.50	22.70	999.90	42.60	51.70	999.90	65.10	60.90	50.90	41.20
1963	44.10	999.90	19.90	23.70	22.60	999.90	38.80	49.50	999.90	66.50	60.50	50.50	40.07
1964	44.80	999.90	23.00	23.00	22.00	999.90	40.50	47.50	999.90	62.20	59.90	47.10	40.43
1965	44.30	999.90	22.00	16.40	22.90	999.90	40.00	52.00	999.90	67.10	60.40	44.10	42.44
1966	44.30	999.90	23.30	16.50	22.60	999.90	39.00	48.20	999.90	65.90	60.90	41.60	42.42
1967	44.30	999.90	14.50	17.50	22.10	999.90	37.80	47.30	999.90	63.90	60.40	41.50	39.92
1968	42.20	999.90	12.90	21.00	25.10	999.90	42.00	52.70	999.90	64.30	60.80	55.60	41.19

Table 15k. (continued)

STATION 6266 PALISADE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1969	37.20	29.60	24.80	21.10	29.20	31.60	35.60	49.80	57.20	64.50	64.70	51.40	41.39
1970	38.00	31.30	21.90	20.00	24.30	29.40	39.30	46.80	58.80	64.90	64.20	50.00	40.74
1971	42.00	28.90	19.40	18.80	25.40	37.30	42.50	49.20	60.10	999.90	999.90	999.90	999.90
1972	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1973	42.00	999.90	21.10	9.30	10.10	32.90	38.60	50.20	58.40	64.10	60.50	50.50	999.90
1974	44.30	29.70	17.10	11.30	22.00	28.40	31.80	43.20	52.30	63.30	59.60	50.50	38.12
1975	40.10	26.60	18.50	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	44	42	44	44	45	44	45	45	43	42	42	43	35
MEAN	42.05	29.89	21.41	17.58	23.95	31.47	40.19	48.77	57.03	63.64	61.41	53.18	41.17
STD DEV	2.90	2.94	3.92	5.33	5.63	2.84	2.66	2.51	2.41	1.96	1.86	3.02	1.20
CV	.07	.10	.18	.30	.24	.09	.07	.05	.04	.03	.03	.06	.03
STD EPR	.44	.45	.59	.80	.84	.43	.40	.37	.37	.30	.29	.46	.20
MAX	48.10	36.70	29.10	29.40	33.40	38.00	45.70	52.90	62.10	67.40	66.00	58.90	43.47
MIN	30.50	23.00	12.90	4.50	8.00	25.50	33.00	43.20	51.80	58.10	57.30	43.00	38.12
RANGE	17.60	13.70	16.20	24.90	25.40	12.50	11.90	9.70	10.30	9.30	8.70	15.90	5.35

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 151. Time series and statistical summary of minimum temperature.

STATION 7031 RIFLE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1999	9.9	16.3	2.3	13.9	13.9	22.2	22.3	35.0	46.1	55.0	51.6	36.9	99.9
1999	24.8	14.3	3.0	5.7	5.7	11.2	11.2	34.4	46.6	55.0	51.6	36.9	99.9
1999	28.8	14.7	0.0	22.2	22.2	23.3	23.3	41.8	41.8	44.4	44.4	43.6	31.3
1999	27.4	21.0	9.8	16.8	16.8	20.2	20.2	35.8	45.4	52.2	49.4	39.2	30.1
1999	26.3	21.2	0.0	17.3	17.3	20.9	20.9	33.5	45.1	50.1	44.5	38.0	33.9
1999	26.7	21.7	0.0	17.9	17.9	22.0	22.0	34.4	45.5	51.0	44.7	38.9	34.4
1999	26.0	21.9	0.0	18.1	18.1	22.2	22.2	34.9	45.8	51.4	44.9	39.1	34.8
1999	26.2	22.0	0.0	18.2	18.2	22.3	22.3	35.0	46.0	51.6	45.0	39.2	35.0
1999	26.4	22.1	0.0	18.3	18.3	22.4	22.4	35.1	46.1	51.7	45.1	39.3	35.1
1999	26.5	22.2	0.0	18.4	18.4	22.5	22.5	35.2	46.2	51.8	45.2	39.4	35.2
1999	26.6	22.3	0.0	18.5	18.5	22.6	22.6	35.3	46.3	51.9	45.3	39.5	35.3
1999	26.7	22.4	0.0	18.6	18.6	22.7	22.7	35.4	46.4	52.0	45.4	39.6	35.4
1999	26.8	22.5	0.0	18.7	18.7	22.8	22.8	35.5	46.5	52.1	45.5	39.7	35.5
1999	26.9	22.6	0.0	18.8	18.8	22.9	22.9	35.6	46.6	52.2	45.6	39.8	35.6
1999	27.0	22.7	0.0	18.9	18.9	23.0	23.0	35.7	46.7	52.3	45.7	39.9	35.7
1999	27.1	22.8	0.0	19.0	19.0	23.1	23.1	35.8	46.8	52.4	45.8	40.0	35.8
1999	27.2	22.9	0.0	19.1	19.1	23.2	23.2	35.9	46.9	52.5	45.9	40.1	35.9
1999	27.3	23.0	0.0	19.2	19.2	23.3	23.3	36.0	47.0	52.6	46.0	40.2	36.0
1999	27.4	23.1	0.0	19.3	19.3	23.4	23.4	36.1	47.1	52.7	46.1	40.3	36.1
1999	27.5	23.2	0.0	19.4	19.4	23.5	23.5	36.2	47.2	52.8	46.2	40.4	36.2
1999	27.6	23.3	0.0	19.5	19.5	23.6	23.6	36.3	47.3	52.9	46.3	40.5	36.3
1999	27.7	23.4	0.0	19.6	19.6	23.7	23.7	36.4	47.4	53.0	46.4	40.6	36.4
1999	27.8	23.5	0.0	19.7	19.7	23.8	23.8	36.5	47.5	53.1	46.5	40.7	36.5
1999	27.9	23.6	0.0	19.8	19.8	23.9	23.9	36.6	47.6	53.2	46.6	40.8	36.6
1999	28.0	23.7	0.0	19.9	19.9	24.0	24.0	36.7	47.7	53.3	46.7	40.9	36.7
1999	28.1	23.8	0.0	20.0	20.0	24.1	24.1	36.8	47.8	53.4	46.8	41.0	36.8
1999	28.2	23.9	0.0	20.1	20.1	24.2	24.2	36.9	47.9	53.5	46.9	41.1	36.9
1999	28.3	24.0	0.0	20.2	20.2	24.3	24.3	37.0	48.0	53.6	47.0	41.2	37.0
1999	28.4	24.1	0.0	20.3	20.3	24.4	24.4	37.1	48.1	53.7	47.1	41.3	37.1
1999	28.5	24.2	0.0	20.4	20.4	24.5	24.5	37.2	48.2	53.8	47.2	41.4	37.2
1999	28.6	24.3	0.0	20.5	20.5	24.6	24.6	37.3	48.3	53.9	47.3	41.5	37.3
1999	28.7	24.4	0.0	20.6	20.6	24.7	24.7	37.4	48.4	54.0	47.4	41.6	37.4
1999	28.8	24.5	0.0	20.7	20.7	24.8	24.8	37.5	48.5	54.1	47.5	41.7	37.5
1999	28.9	24.6	0.0	20.8	20.8	24.9	24.9	37.6	48.6	54.2	47.6	41.8	37.6
1999	29.0	24.7	0.0	20.9	20.9	25.0	25.0	37.7	48.7	54.3	47.7	41.9	37.7
1999	29.1	24.8	0.0	21.0	21.0	25.1	25.1	37.8	48.8	54.4	47.8	42.0	37.8
1999	29.2	24.9	0.0	21.1	21.1	25.2	25.2	37.9	48.9	54.5	47.9	42.1	37.9
1999	29.3	25.0	0.0	21.2	21.2	25.3	25.3	38.0	49.0	54.6	48.0	42.2	38.0
1999	29.4	25.1	0.0	21.3	21.3	25.4	25.4	38.1	49.1	54.7	48.1	42.3	38.1
1999	29.5	25.2	0.0	21.4	21.4	25.5	25.5	38.2	49.2	54.8	48.2	42.4	38.2
1999	29.6	25.3	0.0	21.5	21.5	25.6	25.6	38.3	49.3	54.9	48.3	42.5	38.3
1999	29.7	25.4	0.0	21.6	21.6	25.7	25.7	38.4	49.4	55.0	48.4	42.6	38.4
1999	29.8	25.5	0.0	21.7	21.7	25.8	25.8	38.5	49.5	55.1	48.5	42.7	38.5
1999	29.9	25.6	0.0	21.8	21.8	25.9	25.9	38.6	49.6	55.2	48.6	42.8	38.6
1999	30.0	25.7	0.0	21.9	21.9	26.0	26.0	38.7	49.7	55.3	48.7	42.9	38.7
1999	30.1	25.8	0.0	22.0	22.0	26.1	26.1	38.8	49.8	55.4	48.8	43.0	38.8
1999	30.2	25.9	0.0	22.1	22.1	26.2	26.2	38.9	49.9	55.5	48.9	43.1	38.9
1999	30.3	26.0	0.0	22.2	22.2	26.3	26.3	39.0	50.0	55.6	49.0	43.2	39.0
1999	30.4	26.1	0.0	22.3	22.3	26.4	26.4	39.1	50.1	55.7	49.1	43.3	39.1
1999	30.5	26.2	0.0	22.4	22.4	26.5	26.5	39.2	50.2	55.8	49.2	43.4	39.2
1999	30.6	26.3	0.0	22.5	22.5	26.6	26.6	39.3	50.3	55.9	49.3	43.5	39.3
1999	30.7	26.4	0.0	22.6	22.6	26.7	26.7	39.4	50.4	56.0	49.4	43.6	39.4
1999	30.8	26.5	0.0	22.7	22.7	26.8	26.8	39.5	50.5	56.1	49.5	43.7	39.5
1999	30.9	26.6	0.0	22.8	22.8	26.9	26.9	39.6	50.6	56.2	49.6	43.8	39.6
1999	31.0	26.7	0.0	22.9	22.9	27.0	27.0	39.7	50.7	56.3	49.7	43.9	39.7
1999	31.1	26.8	0.0	23.0	23.0	27.1	27.1	39.8	50.8	56.4	49.8	44.0	39.8
1999	31.2	26.9	0.0	23.1	23.1	27.2	27.2	39.9	50.9	56.5	49.9	44.1	39.9
1999	31.3	27.0	0.0	23.2	23.2	27.3	27.3	40.0	51.0	56.6	50.0	44.2	40.0
1999	31.4	27.1	0.0	23.3	23.3	27.4	27.4	40.1	51.1	56.7	50.1	44.3	40.1
1999	31.5	27.2	0.0	23.4	23.4	27.5	27.5	40.2	51.2	56.8	50.2	44.4	40.2
1999	31.6	27.3	0.0	23.5	23.5	27.6	27.6	40.3	51.3	56.9	50.3	44.5	40.3
1999	31.7	27.4	0.0	23.6	23.6	27.7	27.7	40.4	51.4	57.0	50.4	44.6	40.4
1999	31.8	27.5	0.0	23.7	23.7	27.8	27.8	40.5	51.5	57.1	50.5	44.7	40.5
1999	31.9	27.6	0.0	23.8	23.8	27.9	27.9	40.6	51.6	57.2	50.6	44.8	40.6
1999	32.0	27.7	0.0	23.9	23.9	28.0	28.0	40.7	51.7	57.3	50.7	44.9	40.7
1999	32.1	27.8	0.0	24.0	24.0	28.1	28.1	40.8	51.8	57.4	50.8	45.0	40.8
1999	32.2	27.9	0.0	24.1	24.1	28.2	28.2	40.9	51.9	57.5	50.9	45.1	40.9
1999	32.3	28.0	0.0	24.2	24.2	28.3	28.3	41.0	52.0	57.6	51.0	45.2	41.0
1999	32.4	28.1	0.0	24.3	24.3	28.4	28.4	41.1	52.1	57.7	51.1	45.3	41.1
1999	32.5	28.2	0.0	24.4	24.4	28.5	28.5	41.2	52.2	57.8	51.2	45.4	41.2
1999	32.6	28.3	0.0	24.5	24.5	28.6	28.6	41.3	52.3	57.9	51.3	45.5	41.3
1999	32.7	28.4	0.0	24.6	24.6	28.7	28.7	41.4	52.4	58.0	51.4	45.6	41.4
1999	32.8	28.5	0.0	24.7	24.7	28.8	28.8	41.5	52.5	58.1	51.5	45.7	41.5
1999	32.9	28.6	0.0	24.8	24.8	28.9	28.9	41.6	52.6	58.2	51.6	45.8	41.6
1999	33.0	28.7	0.0	24.9	24.9	29.0	29.0	41.7	52.7	58.3	51.7	45.9	41.7
1999	33.1	28.8	0.0	25.0	25.0	29.1	29.1	41.8	52.8	58.4	51.8	46.0	41.8
1999	33.2	28.9	0.0	25.1	25.1	29.2	29.2	41.9	52.9	58.5	51.9	46.1	41.9
1999	33.3	29.0	0.0	25.2	25.2	29.3	29.3	42.0	53.0	58.6	52.0	46.2	42.0
1999	33.4	29.1	0.0	25.3	25.3	29.4	29.4	42.1	53.1	58.7	52.1	46.3	42.1
1999	33.5	29.2	0.0	25.4	25.4	29.5	29.5	42.2	53.2	58.8	52.2	46.4	42.2
1999	33.6	29.3	0.0	25.5	25.5	29.6	29.6	42.3	53.3	58.9	52.3	46.5	42.3
1999	33.7	29.4	0.0	25.6	25.6	29.7	29.7	42.4	53.4	59.0	52.4	46.6	42.4
1999	33.8	29.5	0.0	25.7	25.7	29.8	29.8	42.5	53.5	59.1	52.5	46.7	42.5
1999	33.9	29.6	0.0	25.8	25.8	29.9	29.9	42.6	53.6	59.2	52.6	46.8	42.6
1999	34.0	29.7	0.0	25.9	25.9	30.0	30.0	42.7	53.7	59.3	52.7	46.9	42.7
1999	34.1	29.8	0.0	26.0	26.0	30.1	30.1	42.8	53.8	59.4	52.8	47.0	42.8
1999	34.2	29.9	0.0	26.1	26.1	30.2	30.2	42.9	53.9	59.5	52.9	47.1	42.9
1999	34.3	30.0	0.0	26.2	26.2	30.3	30.3	43.0	54.0	59.6	53.0	47.2	43.0
1999	34.4	30.1	0.0	26.3	26.3	30.4	30.4	43.1	54.1	59.7	53.1	47.3	43.1
1999	34.5	30.2	0.0	26.4	26.4	30.5	30.5	43.2	54.2	59.8	53.2	47.4	43.2
1999	34.6	30.3	0.0	26.5	26.5	30.6	30.6	43.3	54.3	59.9	53.3	47.5	43.3
1999	34.7	30.4	0.0	26.6	26.6	30.7	30.7	43.4	54.4	60.0	53.4	47.6	43.4
1999	34.8	30.5	0.0	26.7	26.7	30.8	30.8	43.5	54.5	60.1	53.5	47.7	43.5
1999	34.9	30.6	0.0	26.8									

Table 151. (continued)

STATION 7031 RIFLE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	31.20	21.30	8.10	10.60	19.50	25.40	30.70	36.60	47.60	51.70	50.60	43.40	31.39
1972	38.20	23.50	2.20	- .90	12.30	25.80	28.90	37.50	42.20	49.80	50.60	39.60	29.14
1973	29.70	22.90	10.30	4.40	4.00	26.50	29.30	38.20	44.90	52.70	47.30	38.60	29.07
1974	33.00	22.40	7.30	4.50	11.90	23.80	26.90	35.00	41.30	51.50	45.40	37.60	28.38
1975	25.60	14.50	9.10	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	43	43	44	44	44	44	44	44	44	44	44	44	40
MEAN	30.37	20.41	11.93	8.72	15.04	23.24	30.71	38.13	44.17	50.85	49.50	40.05	30.28
STD DEV	2.75	3.27	4.64	5.93	6.53	2.83	2.65	2.15	2.38	2.61	2.84	3.07	1.67
CV	.09	.16	.39	.69	.43	.12	.09	.06	.05	.05	.06	.08	.06
STD ERR	.42	.50	.70	.90	.98	.43	.40	.33	.36	.39	.43	.46	.26
MAX	38.20	27.50	20.30	19.80	24.20	28.30	35.30	42.90	50.10	55.60	55.30	46.80	33.38
MIN	24.60	14.30	2.20	-4.60	-5.70	17.60	28.10	39.40	37.00	44.50	42.80	34.80	25.82
RANGE	13.60	13.20	18.10	24.40	29.90	10.70	10.20	8.50	13.10	11.10	12.50	12.00	7.57

NOTE: 999.9 = MISSING DATA; 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

## VIII. AVERAGE TEMPERATURE CLIMATOLOGY

Table 16a. Time series and statistical summary of average temperature.

STATION 214 ALTENBERN

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1947	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1948	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1949	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1950	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1951	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1952	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1953	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1954	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1955	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1956	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1957	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1958	50.20	36.10	33.00	23.80	29.80	36.60	46.00	55.20	65.80	69.50	67.20	57.60	47.48
1959	46.80	34.30	33.80	22.70	22.00	37.00	46.70	55.70	64.80	70.50	67.50	52.00	46.40
1960	48.30	36.40	34.10	24.00	32.30	36.80	44.00	55.40	66.80	70.90	70.80	53.80	47.15
1961	47.50	34.20	34.70	19.40	32.60	32.20	49.60	55.90	62.50	67.40	66.40	53.20	45.46
1962	50.40	40.30	37.70	14.40	34.70	35.90	42.00	55.80	62.60	72.00	66.90	62.30	47.62
1963	53.60	37.90	33.80	18.40	21.40	29.00	43.90	55.50	61.90	72.30	65.50	58.60	45.02
1964	51.40	32.90	22.40	27.30	27.80	32.60	44.90	52.10	58.80	68.20	64.70	52.50	44.77
1965	49.50	40.70	28.20	22.70	23.80	37.80	46.30	57.60	63.30	71.60	67.60	60.50	47.38
1966	46.70	39.20	24.00	22.20	29.30	41.10	44.70	53.10	59.00	69.10	66.40	59.00	46.15
1967	48.30	36.10	19.60	18.50	31.90	39.10	41.50	52.40	64.30	69.50	62.80	57.10	45.09
1968	49.40	33.70	19.60	26.60	33.20	33.40	49.90	59.20	60.70	70.30	70.10	61.10	46.97
1969	42.50	33.90	19.00	22.60	35.70	35.20	40.70	56.20	62.10	69.50	69.20	57.30	46.47
1970	43.00	37.50	22.70	22.20	29.60	36.80	46.70	53.70	65.20	70.60	70.30	54.80	46.67
1971	47.50	34.10	22.70	26.80	33.30	43.40	48.10	53.70	65.10	70.80	68.20	59.60	47.94
1972	49.40	32.00	19.40	14.60	27.60	37.00	43.30	54.40	61.40	69.50	67.70	57.20	44.48
1973	49.30	36.30	14.30	16.60	21.20	41.10	43.20	57.30	65.80	69.40	65.40	58.40	45.68
1974	50.30	35.70	22.50	19.50	26.30	36.30	42.50	51.40	59.40	69.10	65.10	53.10	44.60
1975	47.40	32.40	24.30	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	18	18	13	17	17	17	17	17	17	17	17	18	17
MEAN	48.41	35.76	24.85	21.55	28.69	36.55	45.15	54.86	62.91	70.01	67.16	58.14	46.20
STD DEV	2.69	2.59	3.46	4.19	4.56	3.54	2.57	2.30	2.51	1.30	2.15	2.60	1.14
CV	.06	.07	.14	.19	.16	.10	.06	.04	.04	.02	.03	.04	.02
STD ERR	.63	.61	.81	1.02	1.11	.86	.62	.56	.61	.31	.52	.61	.28
MAX	53.60	40.70	33.00	27.30	35.70	43.40	49.60	59.20	66.80	72.30	70.80	62.30	47.94
MIN	42.50	32.00	13.40	14.40	21.20	29.00	40.70	51.40	58.80	67.40	62.80	52.50	44.48
RANGE	11.10	8.70	12.60	12.90	14.50	14.40	8.90	7.80	8.00	4.90	8.00	9.80	3.46

NOTE: 999.9 = MISSING DATA; 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 16b. Time series and statistical summary of average temperature.

STATION 1741 COLLBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1893	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1894	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1895	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1896	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1897	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1898	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1899	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1900	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1901	5.5	37.80	27.70	22.40	33.80	35.50	45.80	52.00	63.20	74.40	69.70	60.40	999.90
1902	4.4	38.30	26.40	24.40	33.40	35.00	49.30	57.20	66.90	67.40	69.40	60.20	48.02
1903	4.8	35.40	22.40	21.40	31.00	35.00	45.40	52.80	62.70	68.20	69.20	56.80	44.54
1904	4.7	36.80	23.20	19.50	31.60	40.50	48.60	54.60	62.90	67.40	67.30	61.60	999.90
1905	4.4	999.90	22.80	22.80	32.80	40.80	46.70	52.00	64.60	68.70	68.60	60.00	999.90
1906	4.4	37.50	16.30	19.60	32.00	36.40	46.80	54.20	61.10	67.00	66.60	58.90	45.20
1907	4.4	35.10	31.40	22.00	34.20	41.50	48.50	50.20	59.00	67.60	65.70	59.20	47.99
1908	4.5	32.80	25.20	22.20	33.00	39.20	999.90	49.80	59.20	67.70	65.40	59.00	999.90
1909	4.5	34.70	24.60	22.80	36.60	45.40	41.40	50.20	63.20	69.00	67.80	58.00	45.26
1910	4.5	36.80	16.90	23.20	45.60	45.40	48.00	49.80	65.00	69.90	67.20	61.80	47.10
1911	4.4	41.40	29.30	29.40	40.00	40.00	48.60	54.60	65.00	65.80	66.50	60.80	47.94
1912	4.4	31.40	22.20	23.80	33.00	35.20	45.60	55.10	62.60	65.80	65.50	62.50	43.56
1913	4.4	33.60	17.50	17.50	22.00	32.00	41.00	52.30	62.00	65.80	65.50	56.80	44.37
1914	4.4	38.00	22.00	26.00	33.00	36.00	46.80	53.40	61.90	68.20	67.00	61.90	46.46
1915	4.4	40.00	22.60	20.70	29.20	36.60	50.60	55.30	62.00	68.20	67.20	59.20	46.26
1916	4.4	35.00	26.40	23.60	23.60	33.00	47.00	51.80	59.80	68.30	64.20	58.60	46.67
1917	4.4	33.00	21.70	18.20	27.20	33.00	40.60	48.20	61.80	70.60	65.00	59.80	43.57
1918	4.4	33.00	23.00	21.50	28.00	35.00	42.00	48.20	61.80	70.60	66.00	59.20	47.54
1919	4.4	33.00	23.00	21.50	28.00	35.00	42.00	48.20	61.80	70.60	66.00	59.20	47.54
1920	9	33.4	20.50	23.00	33.00	39.80	48.00	54.00	66.50	67.40	66.40	62.40	46.52
1921	9	34.0	999.90	999.90	999.90	999.90	39.80	55.80	62.20	69.00	67.00	58.90	45.02
1922	4.4	41.00	32.30	18.80	27.00	33.30	42.20	53.00	65.50	68.00	65.00	58.50	999.90
1923	4.4	34.40	28.40	27.00	26.40	33.30	44.80	53.90	65.50	68.00	66.70	60.00	46.54
1924	4.4	35.00	24.00	15.50	27.00	33.30	44.80	53.90	65.50	68.00	64.50	60.00	46.30
1925	4.4	35.00	16.80	15.40	27.00	33.30	44.80	53.90	65.50	68.00	64.50	60.00	45.30
1926	4.4	32.50	27.20	18.40	30.10	37.70	47.90	58.40	62.80	71.00	64.00	59.00	45.12
1927	4.4	36.50	22.70	23.60	33.00	40.60	48.60	54.40	64.10	999.90	999.90	999.90	999.90
1928	4.4	38.20	22.40	26.40	33.60	42.80	45.80	52.40	63.00	67.90	64.30	57.50	45.78
1929	4.4	35.00	20.40	23.60	33.60	42.80	47.80	55.60	67.70	67.40	65.30	58.00	45.46
1930	4.4	35.00	18.50	19.40	29.20	33.20	42.60	47.60	61.30	68.80	67.70	999.90	999.90
1931	4.4	33.00	26.20	15.80	29.90	34.40	49.90	50.40	61.50	68.80	66.40	56.80	44.43
1932	4.4	30.80	19.20	16.30	24.40	33.40	46.60	52.00	66.40	70.60	68.20	61.20	45.08
1933	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1934	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1935	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1936	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1937	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1938	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1939	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1940	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1941	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1942	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1943	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1944	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1945	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1946	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1947	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1948	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1949	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1950	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1951	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1952	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1953	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1954	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1955	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1956	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1957	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1958	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1959	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1960	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1961	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1962	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1963	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1964	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1965	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1966	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1967	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1968	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1969	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1970	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1971	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1972	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1973	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1974	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1975	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1976	4.4	34.80	17.00	18.20	24.50	33.40	45.20	54.30	61.00	68.70	63.90	56.60	44.08
1977	4.4	34.80	17.00	18.20	24.50	33.40							



Table 16b. (continued)

STATION 1741 COLBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1933	50.60	33.20	22.20	27.00	26.40	33.60	5.00	5.50	62.60	72.80	70.30	57.80	49.51
1934	49.80	35.60	22.20	25.20	27.60	33.40	4.50	5.00	63.00	70.30	67.40	58.80	46.31
1935	46.80	34.00	22.20	22.20	22.00	27.40	4.50	5.00	66.10	70.00	68.00	57.50	46.37
1936	46.70	34.40	22.20	22.20	22.20	26.20	4.20	4.70	61.80	69.20	67.40	59.90	44.17
1937	48.20	36.20	22.20	22.20	22.20	27.70	4.20	4.70	63.70	66.20	66.60	56.60	46.28
1938	43.80	36.20	22.20	22.20	22.20	28.00	4.20	4.70	61.50	69.40	66.60	60.20	44.64
1939	45.60	33.40	22.20	21.90	21.70	28.50	4.20	4.70	65.30	70.40	67.70	60.20	47.28
1940	47.30	33.70	22.20	23.00	23.00	26.70	4.20	4.70	60.10	66.90	65.80	55.10	45.30
1941	46.20	34.40	22.20	21.90	21.40	26.60	4.20	4.70	62.00	68.00	65.20	56.20	43.92
1942	46.80	33.90	22.20	27.30	29.70	25.30	5.10	5.60	61.10	68.30	65.80	57.60	46.98
1943	48.00	34.80	22.20	28.80	27.40	33.60	4.20	4.70	59.60	65.70	64.40	57.20	44.49
1944	48.60	35.40	22.20	26.00	23.10	33.30	4.20	4.70	57.80	67.40	65.90	55.40	45.43
1945	48.00	32.20	22.20	17.20	23.60	27.40	5.00	5.50	62.60	68.20	66.00	57.00	44.53
1946	44.00	22.20	22.20	17.70	23.00	26.80	4.40	4.90	58.20	67.60	66.40	60.20	45.01
1947	49.70	29.70	22.20	19.50	24.20	28.60	4.20	4.70	61.40	66.60	63.90	59.20	44.15
1948	46.30	27.70	22.20	17.70	24.90	28.90	4.20	4.70	60.50	66.90	66.80	59.50	49.90
1949	45.80	29.50	22.20	24.00	23.00	26.60	4.70	5.20	63.90	68.30	65.90	58.70	46.62
1950	53.80	30.60	22.20	22.60	23.60	26.20	4.20	4.70	61.20	71.50	69.90	58.20	49.90
1951	46.90	33.60	22.20	22.30	23.60	26.90	4.20	4.70	66.60	70.80	67.00	60.20	45.47
1952	49.60	33.40	22.20	33.90	23.90	26.40	4.50	5.00	66.40	72.30	67.40	63.80	48.02
1953	51.60	33.80	22.20	33.90	23.80	26.40	5.10	5.60	64.30	72.70	69.20	61.60	50.10
1954	51.90	33.70	22.20	33.30	23.50	25.20	4.40	4.90	62.10	71.50	70.10	63.60	47.52
1955	52.90	33.20	22.20	33.30	23.40	26.30	4.70	5.20	67.70	70.30	66.80	64.60	49.00
1956	52.40	33.80	22.20	33.60	23.50	26.70	4.40	4.90	62.80	69.20	67.60	58.80	47.02
1957	50.50	32.60	22.20	26.60	25.20	25.40	4.30	4.80	66.90	69.50	72.20	61.20	48.52
1958	51.50	27.80	22.20	26.80	25.00	27.10	4.20	4.70	67.30	70.40	68.90	58.80	48.81
1959	48.60	27.00	22.20	24.70	24.00	29.90	4.20	4.70	65.50	71.40	69.90	64.10	48.36
1960	50.50	28.80	22.20	27.70	24.40	27.70	4.20	4.70	68.80	70.50	70.10	54.70	48.47
1961	48.80	28.20	22.20	27.70	24.30	26.00	4.20	4.70	64.90	70.40	70.40	62.90	49.90
1962	54.50	34.40	22.20	28.80	26.60	26.00	4.20	4.70	60.50	73.80	64.10	65.30	49.97
1963	57.50	40.20	22.20	33.80	26.60	23.30	4.20	4.70	63.00	74.30	64.10	61.90	47.70
1964	54.60	35.60	22.20	33.90	23.50	25.50	4.20	4.70	61.80	69.20	67.20	56.80	48.96
1965	53.60	33.80	22.20	33.30	23.50	25.00	4.20	4.70	64.50	73.90	68.80	60.60	48.92
1966	47.30	33.80	22.20	33.90	23.90	23.90	4.20	4.70	60.90	69.90	68.80	60.90	48.90
1967	49.90	30.90	22.20	33.90	23.90	23.90	4.20	4.70	60.90	69.90	69.90	60.90	49.90
1968	49.90	30.90	22.20	33.90	23.90	23.90	4.20	4.70	60.90	69.90	69.90	60.90	49.90
1969	49.90	30.90	22.20	33.90	23.90	23.90	4.20	4.70	60.90	69.90	69.90	60.90	49.90
1970	42.50	30.90	22.20	24.90	23.90	23.90	3.80	4.30	61.70	68.60	67.80	55.50	49.90
1971	45.70	32.30	22.20	23.40	23.90	23.90	4.20	4.70	62.90	67.60	66.90	53.80	45.15
1972	47.80	30.00	22.20	23.40	23.90	23.90	4.20	4.70	63.30	66.10	64.80	58.10	45.70
1973	47.80	30.00	22.20	23.40	23.90	23.90	4.20	4.70	59.90	64.90	65.30	55.40	49.90

Table 16b. (continued)

STATION 1741 COLLBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1973	48.10	34.60	23.10	17.60	21.80	999.90	999.90	55.00	62.50	66.70	61.80	55.50	999.90
1974	47.00	35.00	999.90	15.50	25.60	33.60	39.60	50.30	59.40	67.20	62.10	999.90	999.90
1975	999.90	999.90	29.40	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	70	70	70	70	70	69	70	71	71	71	70	69	58
MEAN	48.28	35.35	25.13	22.35	28.18	36.10	45.77	54.37	62.83	69.02	66.91	59.01	46.24
STD DEV	3.08	3.63	4.29	4.56	4.92	3.38	3.05	2.61	2.50	2.15	1.96	2.62	1.74
CV	.06	.10	.17	.20	.17	.09	.07	.05	.04	.03	.03	.04	.04
STD ERR	.37	.43	.51	.54	.59	.41	.36	.31	.30	.26	.23	.32	.23
MAX	57.50	42.70	34.00	33.40	39.20	45.40	51.70	60.50	67.70	74.40	72.20	65.30	50.10
MIN	38.90	27.70	15.80	9.90	13.60	28.60	38.60	48.20	57.80	64.90	61.80	52.50	43.56
RANGE	18.60	15.00	18.20	23.50	25.60	16.80	13.10	12.30	9.90	9.50	10.40	12.80	6.54

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 16c. Time series and statistical summary of average temperature.

STATION 1772 COLORADO NATIONAL MO

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1940	56.00	37.30	30.40	29.10	36.00	42.00	44.50	62.60	68.60	76.40	74.00	62.60	51.79
1941	50.00	40.40	33.20	29.00	26.20	36.10	53.00	59.20	71.80	79.90	78.00	65.60	51.87
1942	56.10	41.70	34.90	32.10	32.00	41.90	58.80	60.70	70.00	79.80	73.00	69.60	54.63
1943	56.20	41.00	30.00	999.90	37.00	37.00	44.20	60.40	68.40	77.80	78.80	71.30	999.90
1944	58.40	40.60	32.10	33.00	32.00	41.00	48.20	64.60	67.00	78.40	76.00	67.00	53.64
1945	58.80	38.80	30.80	33.00	33.00	44.80	57.30	59.90	74.40	78.20	74.20	68.00	53.26
1946	58.80	36.40	28.60	22.00	33.00	42.50	48.90	64.10	68.20	77.00	72.60	70.60	51.97
1947	57.00	34.00	26.50	22.00	31.90	35.00	52.80	64.00	70.30	77.60	74.40	69.80	51.79
1948	999.90	30.40	20.40	11.00	25.10	41.80	41.00	60.00	67.30	76.70	76.50	67.20	999.90
1949	50.90	46.70	30.10	22.00	35.50	40.80	52.50	59.00	72.40	75.20	74.60	65.20	52.52
1950	58.80	42.80	27.80	22.00	31.10	39.80	52.40	61.30	68.80	79.90	74.00	67.70	53.59
1951	999.90	35.90	27.10	22.00	30.50	35.20	42.90	55.20	73.00	77.00	74.10	68.30	999.90
1952	56.30	35.30	28.20	22.00	31.40	42.10	47.70	55.00	72.10	77.30	70.50	69.30	51.45
1953	53.40	40.70	28.10	22.00	30.20	38.30	45.10	62.80	68.20	77.70	72.70	64.70	52.71
1954	53.70	40.70	26.90	22.00	20.80	35.40	47.40	59.80	68.90	79.30	75.50	69.70	49.98
1955	53.10	35.30	26.50	22.00	20.10	42.70	51.40	63.90	75.40	76.10	71.50	69.60	53.73
1956	54.40	32.80	26.00	22.00	20.00	39.90	45.80	54.90	71.30	74.00	70.70	999.90	999.90
1957	999.90	34.60	20.50	22.00	37.80	38.10	48.00	62.30	72.70	77.90	999.90	65.70	999.90
1958	55.10	40.60	25.50	22.00	32.10	41.20	51.30	62.30	75.50	79.40	74.40	64.00	53.24
1959	55.00	37.60	21.10	22.00	27.30	41.00	47.20	58.80	77.00	999.90	77.10	69.90	999.90
1960	56.00	43.00	21.40	22.00	36.80	41.20	52.10	62.30	73.00	78.40	75.60	58.30	53.41
1961	56.70	36.70	24.40	22.00	36.00	36.20	40.00	61.90	72.50	77.20	76.70	67.50	51.89
1962	56.60	43.40	22.80	22.00	39.00	40.60	49.80	63.50	71.20	79.90	73.50	70.30	53.80
1963	56.60	37.50	28.70	22.00	31.10	34.70	49.80	65.10	69.50	80.50	73.00	65.50	52.05
1964	56.60	44.30	28.80	22.00	31.20	35.90	48.00	57.20	70.20	73.90	75.40	59.20	52.99
1965	56.60	44.30	29.60	22.00	27.30	41.80	50.90	63.20	70.20	78.70	75.80	66.80	52.50
1966	56.60	43.20	29.90	22.00	35.10	46.20	48.60	56.40	64.30	75.20	73.10	65.50	51.32
1967	56.70	42.20	28.80	22.00	35.50	42.20	44.00	57.10	70.30	75.80	67.60	62.60	49.80
1968	56.80	38.80	26.70	22.00	32.10	38.80	54.10	65.50	67.10	78.10	78.80	66.70	52.72
1969	56.80	39.00	23.40	22.00	40.70	39.40	44.80	66.50	70.50	76.90	77.70	63.40	51.97
1970	56.80	40.70	21.90	22.00	30.00	41.40	45.90	57.90	72.80	79.90	77.10	62.90	52.23
1971	56.80	37.30	21.50	22.00	33.20	39.30	999.90	62.10	71.30	78.30	73.60	65.30	999.90
1972	56.80	34.80	21.80	22.00	30.50	39.20	46.90	60.40	68.70	75.30	74.40	64.50	49.00
1973	56.80	39.90	28.70	22.00	35.40	46.20	999.90	65.80	75.40	76.90	76.10	67.20	999.90
1974	56.80	39.70	28.80	22.00	32.20	38.70	48.30	999.90	67.30	76.90	74.30	999.90	999.90
1975	53.80	38.10	29.60	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	33	36	36	34	35	35	33	34	35	34	34	33	26
MEAN	54.38	39.08	29.97	27.40	32.76	40.24	50.32	61.15	70.61	77.57	74.48	66.41	52.19
STD DEV	3.53	3.63	3.34	4.18	4.63	3.40	3.73	3.05	2.97	1.72	2.45	3.15	1.37
STD ERR	0.61	0.60	0.56	0.64	0.73	0.57	0.65	0.55	0.50	0.30	0.42	0.55	0.27
MAX	62.20	46.70	36.50	36.20	40.70	49.30	58.80	66.90	77.00	80.50	78.80	71.30	54.63
MIN	45.60	30.40	21.80	18.10	20.80	34.70	44.00	54.90	64.30	73.90	67.60	58.30	49.00
RANGE	16.60	16.30	14.70	18.10	19.90	14.60	14.80	12.00	12.70	6.60	11.20	13.00	5.63

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 16d. Time series and statistical summary of average temperature.

STATION 3146 FRUITA

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1931	54.90	36.00	20.00	19.80	35.80	40.80	52.60	63.00	69.60	77.20	75.20	64.70	50.80
1932	51.00	37.40	21.00	18.40	14.70	42.60	48.00	56.60	74.80	79.70	75.00	68.80	49.05
1933	47.00	40.50	33.00	33.60	42.00	49.00	57.40	67.90	69.80	80.10	77.20	64.20	50.87
1934	55.00	44.90	32.00	33.70	36.60	41.50	51.70	59.60	72.40	78.90	75.80	66.80	50.17
1935	51.00	36.60	30.00	25.60	36.00	43.00	54.10	66.30	75.40	78.80	75.60	64.00	50.09
1936	53.70	33.50	28.00	14.40	33.00	43.00	50.80	64.80	68.60	76.40	75.60	66.50	50.47
1937	53.20	31.10	33.10	31.90	37.30	42.00	52.30	58.90	70.50	74.40	74.10	66.60	50.95
1938	53.10	31.20	38.00	26.60	32.00	42.00	52.60	63.30	67.70	76.30	74.20	65.60	50.21
1939	51.00	44.20	33.00	32.60	37.80	44.00	53.00	63.00	72.90	77.00	73.60	62.40	50.11
1940	51.60	33.30	30.00	32.60	37.80	42.00	48.40	61.80	67.20	76.00	72.80	62.80	50.84
1941	52.40	33.90	34.00	26.60	37.60	38.20	54.40	60.10	69.20	77.80	73.40	64.00	50.38
1942	52.70	33.90	31.00	30.60	36.60	41.50	58.00	59.50	68.00	76.60	74.20	66.20	50.91
1943	54.10	40.80	32.00	23.40	34.60	40.20	46.90	60.80	68.60	75.80	73.60	65.60	50.27
1944	54.40	40.00	33.10	18.10	38.10	40.70	45.40	61.80	65.10	76.60	75.00	64.00	50.91
1945	54.90	36.00	24.40	33.80	31.00	44.60	55.80	59.50	65.20	76.20	73.80	64.40	50.23
1946	54.90	33.40	31.10	18.40	35.20	43.00	50.20	63.50	65.80	76.00	73.10	67.30	50.93
1947	54.20	33.60	28.00	25.60	31.70	36.20	52.40	61.80	66.80	73.40	71.60	65.80	50.29
1948	50.60	33.10	25.00	18.00	16.00	41.50	54.00	59.70	66.80	73.60	72.00	64.50	47.95
1949	50.70	33.00	27.00	22.30	34.20	42.00	52.60	57.30	66.30	71.50	69.00	63.20	49.97
1950	55.30	33.00	33.00	33.30	39.20	49.70	55.30	60.90	66.20	74.40	69.90	60.30	50.34
1951	51.10	33.00	31.00	33.10	39.00	46.70	57.50	61.60	69.30	74.10	72.80	64.70	48.97
1952	51.90	33.40	22.00	31.20	31.20	41.20	48.10	55.10	69.20	75.50	69.50	65.80	49.77
1953	51.10	33.90	25.00	30.30	38.20	38.00	53.90	61.50	67.40	76.50	70.00	65.00	51.57
1954	52.50	33.50	22.00	22.20	20.80	38.90	48.60	58.90	66.40	75.00	74.80	65.20	49.87
1955	51.70	33.20	32.00	34.50	30.30	40.60	50.60	61.70	71.00	73.20	69.30	64.70	51.12
1956	51.60	33.00	32.00	22.90	39.40	40.00	49.00	56.10	67.80	73.50	70.80	60.80	48.99
1957	51.70	33.00	32.00	27.90	38.90	39.70	47.30	56.10	67.80	72.60	74.90	64.20	50.36
1958	51.10	33.80	32.00	27.20	39.90	40.20	47.10	63.10	71.50	72.70	74.90	64.20	50.36
1959	50.00	33.50	32.00	26.40	39.30	41.50	51.30	61.40	73.60	75.70	72.70	61.00	50.99
1960	51.10	33.00	27.00	25.50	34.90	41.80	50.50	60.20	71.40	77.30	72.70	66.30	50.99
1961	50.70	33.00	27.00	23.80	34.90	41.80	50.50	62.20	73.50	76.00	74.50	58.30	49.68
1962	51.70	33.00	22.00	21.80	36.80	37.80	54.00	60.10	69.00	72.90	71.40	63.60	49.19
1963	51.70	33.00	26.00	9.80	36.40	44.00	50.00	63.90	68.10	72.40	73.10	67.40	50.33
1964	51.60	44.00	35.00	31.80	37.40	49.00	49.30	60.00	68.60	75.50	71.40	62.90	49.90
1965	53.30	33.00	33.00	31.70	39.70	38.50	49.20	57.80	65.10	73.60	71.20	58.90	49.90
1966	51.00	41.80	33.00	24.00	39.70	41.20	50.90	61.90	68.70	75.70	72.10	64.50	50.44
1967	52.30	41.10	29.00	24.10	35.30	45.20	49.90	57.30	65.70	74.90	73.20	64.70	50.87
1968	52.30	38.00	22.00	15.50	37.30	43.30	46.00	57.40	69.70	74.70	68.40	61.30	48.79
1969	51.90	38.00	22.00	18.70	39.70	43.30	45.20	63.60	66.30	75.40	75.50	66.00	50.02
1970	56.90	39.60	33.00	29.40	38.10	49.30	44.60	60.90	68.40	75.60	76.10	61.30	50.82
1971	66.90	39.60	31.50	27.30	32.20	38.90	49.50	58.60	69.90	74.90	74.40	58.70	50.20

Table 16d. (continued)

## STATION 3146 FRUITA

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	49.90	35.20	24.90	28.60	35.00	46.60	51.70	60.50	70.30	74.80	71.80	63.80	51.09
1972	52.90	36.80	22.10	10.20	28.70	40.90	46.70	58.50	66.00	72.80	73.60	61.90	47.59
1973	51.70	38.70	29.20	18.50	18.90	45.10	47.80	62.10	71.00	74.60	71.10	63.20	49.32
1974	54.10	39.50	27.30	20.00	33.20	41.20	46.10	55.90	65.00	75.70	71.00	62.90	49.32
1975	51.00	35.90	28.10	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	45	45	45	44	44	44	44	44	44	44	44	44	44
MEAN	52.34	37.80	27.98	24.79	32.21	41.22	50.75	60.69	68.97	75.56	72.97	64.06	50.78
STD DEV	2.32	3.02	4.06	5.99	6.12	2.72	3.10	2.72	2.63	1.88	2.12	2.39	1.63
CV	.04	.08	.15	.24	.19	.07	.06	.04	.04	.02	.03	.04	.03
STD ERR	.35	.45	.60	.90	.92	.41	.47	.41	.40	.28	.32	.36	.25
MAX	57.60	44.90	34.00	34.50	42.00	49.00	58.00	67.90	75.40	80.10	77.20	68.80	55.87
MIN	46.50	31.20	19.30	9.80	14.70	35.60	44.60	55.10	65.00	71.50	68.40	58.30	47.59
RANGE	11.10	13.70	14.70	24.70	27.30	13.40	13.40	12.80	10.40	8.60	8.80	10.50	8.28

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 16e. Time series and statistical summary of average temperature.

STATION 3246 GATEWAY 1SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1947	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1948	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1949	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1950	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1951	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1952	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1953	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1954	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1955	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1956	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40
1957	38.70	38.70	38.70	38.70	38.70	38.70	38.70	38.70	38.70	38.70	38.70	38.70	38.70
1958	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00
1959	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40
1960	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40
1961	40.90	40.90	40.90	40.90	40.90	40.90	40.90	40.90	40.90	40.90	40.90	40.90	40.90
1962	45.30	45.30	45.30	45.30	45.30	45.30	45.30	45.30	45.30	45.30	45.30	45.30	45.30
1963	43.90	43.90	43.90	43.90	43.90	43.90	43.90	43.90	43.90	43.90	43.90	43.90	43.90
1964	40.10	40.10	40.10	40.10	40.10	40.10	40.10	40.10	40.10	40.10	40.10	40.10	40.10
1965	46.90	46.90	46.90	46.90	46.90	46.90	46.90	46.90	46.90	46.90	46.90	46.90	46.90
1966	45.50	45.50	45.50	45.50	45.50	45.50	45.50	45.50	45.50	45.50	45.50	45.50	45.50
1967	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40	44.40
1968	40.70	40.70	40.70	40.70	40.70	40.70	40.70	40.70	40.70	40.70	40.70	40.70	40.70
1969	39.80	39.80	39.80	39.80	39.80	39.80	39.80	39.80	39.80	39.80	39.80	39.80	39.80
1970	43.80	43.80	43.80	43.80	43.80	43.80	43.80	43.80	43.80	43.80	43.80	43.80	43.80
1971	38.80	38.80	38.80	38.80	38.80	38.80	38.80	38.80	38.80	38.80	38.80	38.80	38.80
1972	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30
1973	42.80	42.80	42.80	42.80	42.80	42.80	42.80	42.80	42.80	42.80	42.80	42.80	42.80
1974	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1975	53.50	40.20	32.80	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
MEAN	20.54	19.41	19.30	19.28	19.36	19.44	19.51	19.61	19.70	19.77	17.74	19.65	15.53
STD DEV	2.71	2.80	3.08	6.22	5.00	3.27	2.95	2.80	3.50	2.16	2.57	2.69	1.48
CV	.03	.07	.10	.22	.14	.07	.06	.05	.05	.03	.03	.04	.03
STD ERR	.61	.64	.71	1.43	1.15	.75	.68	.64	.80	.50	.62	.62	.38
MAX	60.10	46.90	35.30	35.70	42.20	51.10	57.10	65.40	77.10	80.60	77.70	69.90	54.77
MIN	48.40	36.40	25.10	14.20	22.20	38.40	47.00	56.10	63.90	73.20	69.20	60.70	49.19
RANGE	11.70	10.50	10.20	21.50	20.00	12.70	10.10	9.30	13.20	7.40	8.50	9.20	5.58

NOTE: 999.9 = MISSING DATA; 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 16f. Time series and statistical summary of average temperature.

STATION 3488 GRANDJUNCTION WSO AP

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1899	51.20	44.80	22.80	33.20	36.10	47.80	51.40	64.80	76.20	79.20	73.80	63.30	53.72
1900	51.80	42.80	31.20	38.80	46.60	41.30	51.90	64.80	70.80	82.00	76.40	67.00	53.96
1901	50.80	42.20	30.00	33.00	44.40	39.20	44.50	64.50	74.00	75.30	75.60	65.70	53.39
1902	50.00	42.00	30.00	33.00	44.40	41.70	44.80	64.60	70.90	76.80	76.90	62.60	49.87
1903	50.30	43.00	27.60	33.40	44.90	44.80	44.80	64.80	69.20	76.30	75.20	62.80	49.87
1904	50.40	43.00	28.30	34.00	46.20	46.90	44.00	64.60	72.50	76.80	77.20	62.20	49.74
1905	50.00	42.20	25.80	36.30	42.20	45.20	44.20	64.60	68.60	75.60	74.50	64.90	49.99
1906	50.00	42.00	26.40	36.00	43.80	45.60	44.60	64.40	66.80	77.00	73.90	66.60	49.96
1907	50.00	42.00	26.00	36.00	43.80	45.60	44.60	64.40	67.80	78.20	74.00	66.00	49.49
1908	50.00	43.30	25.00	36.00	43.80	45.60	44.60	64.40	72.70	78.40	76.20	64.60	49.00
1909	50.00	43.00	25.10	36.00	43.80	45.60	44.60	64.40	75.50	78.80	76.80	64.90	49.00
1910	50.00	45.50	25.00	35.50	42.20	47.20	44.70	64.00	61.40	74.80	75.80	67.70	49.00
1911	50.00	45.00	25.60	34.00	42.00	47.00	44.80	64.40	71.90	74.80	74.40	67.10	49.00
1912	50.00	45.90	25.40	34.00	40.70	47.00	44.00	64.00	71.00	76.40	77.40	63.50	49.00
1913	50.00	45.70	25.40	34.00	44.40	47.00	44.10	64.30	69.40	75.40	74.70	67.70	49.00
1914	50.00	44.20	25.00	34.00	43.30	47.00	44.40	64.10	68.40	77.10	75.00	65.50	49.00
1915	50.00	44.30	25.20	34.00	45.20	47.30	44.70	64.60	71.00	77.00	72.40	65.50	49.00
1916	50.00	44.50	25.30	34.00	43.60	47.20	44.30	64.10	70.20	79.80	74.60	65.50	49.00
1917	50.00	44.70	25.40	34.00	47.70	47.00	44.80	64.10	77.00	75.60	75.00	65.60	49.00
1918	50.00	44.60	25.40	34.00	46.00	47.00	44.40	64.40	74.20	80.20	77.40	68.60	49.00
1919	50.00	43.60	25.00	34.00	40.00	45.60	44.60	64.40	70.20	77.70	73.50	64.40	49.00
1920	50.00	43.70	25.00	34.00	46.20	45.00	44.80	64.60	72.20	76.70	73.00	67.00	49.00
1921	50.00	43.30	25.20	34.00	41.00	48.00	44.80	64.10	74.20	77.70	77.00	70.20	49.00
1922	50.00	43.90	25.30	33.50	38.00	48.00	44.00	64.30	70.00	79.20	72.80	64.40	49.00
1923	50.00	44.10	25.00	34.00	43.00	48.00	44.20	64.50	74.40	77.60	75.40	64.50	49.00
1924	50.00	44.40	25.00	34.00	45.40	48.00	44.60	64.80	70.40	78.70	72.20	65.50	49.00
1925	50.00	44.30	25.00	34.00	44.00	48.00	44.20	64.90	73.50	76.60	77.00	65.60	49.00
1926	50.00	44.10	25.00	34.00	42.00	48.00	44.00	64.20	70.90	77.20	72.00	65.50	49.00
1927	50.00	44.20	25.00	34.00	41.00	46.00	44.30	64.90	70.80	78.20	73.70	65.50	49.00
1928	50.00	44.40	25.00	34.00	41.00	46.00	44.00	64.00	71.80	78.00	76.40	65.40	49.00
1929	50.00	44.20	25.00	34.00	42.00	46.00	44.00	64.00	72.80	78.20	77.90	65.40	49.00
1930	50.00	44.00	25.00	34.00	40.00	48.00	44.00	64.00	75.70	80.90	77.20	69.90	49.00
1931	50.00	44.00	25.00	34.00	40.00	48.00	44.00	64.00	69.80	77.60	76.00	67.20	49.00
1932	50.00	44.90	25.00	34.00	43.30	48.00	44.00	64.40	71.70	80.90	76.40	71.90	49.00
1933	50.00	44.70	25.00	34.00	43.30	48.00	44.00	64.70	72.00	80.60	76.30	66.90	49.00
1934	50.00	44.90	25.00	34.00	42.20	48.00	44.00	64.20	74.20	80.10	76.60	68.60	49.00
1935	50.00	44.80	25.00	34.00	44.00	48.00	44.00	64.90	75.80	79.80	77.40	68.60	49.00
1936	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.20	71.10	78.60	77.00	69.40	49.00
1937	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.10	73.30	78.00	77.70	68.90	49.00
1938	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	71.30	77.70	77.00	67.90	49.00
1939	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	73.30	78.60	77.70	67.90	49.00
1940	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	71.30	77.70	77.00	67.90	49.00
1941	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	71.30	77.70	77.00	67.90	49.00
1942	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	71.30	77.70	77.00	67.90	49.00
1943	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	71.30	77.70	77.00	67.90	49.00
1944	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	71.30	77.70	77.00	67.90	49.00
1945	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	71.30	77.70	77.00	67.90	49.00
1946	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	71.30	77.70	77.00	67.90	49.00
1947	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	71.30	77.70	77.00	67.90	49.00
1948	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	71.30	77.70	77.00	67.90	49.00
1949	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	71.30	77.70	77.00	67.90	49.00
1950	50.00	44.00	25.00	34.00	44.00	48.00	44.00	64.00	71.30	77.70	77.00	67.90	49.00

Table 16f. (continued)

STATION 3488 GRANDJUNCTION WSO AP

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER Y.
1939	53.90	44.20	35.00	28.60	37.90	47.30	54.40	67.40	76.60	80.80	77.60	67.90	55.97
1940	52.00	43.00	34.00	28.00	38.00	44.20	49.20	63.50	69.20	77.40	75.40	63.40	53.11
1941	52.00	41.00	33.00	28.40	38.00	43.90	49.20	63.50	72.00	79.40	76.90	67.10	53.89
1942	52.00	42.00	34.00	28.20	39.80	42.80	54.20	60.40	70.00	79.90	75.00	69.40	55.21
1943	52.00	41.00	33.00	28.80	38.00	40.40	48.00	61.30	69.50	77.60	76.60	69.30	55.99
1944	52.00	41.00	32.00	28.00	38.00	42.10	47.80	62.60	66.60	78.50	76.70	65.00	55.66
1945	52.00	41.00	32.00	28.10	38.00	45.60	57.60	64.90	66.40	79.90	75.80	67.00	55.66
1946	52.00	41.00	32.00	28.00	38.00	44.20	51.00	64.30	65.60	78.40	74.00	70.00	52.22
1947	52.00	41.00	32.00	28.40	38.00	35.60	52.80	63.80	69.80	77.10	74.40	69.40	51.51
1948	52.00	41.00	32.00	28.90	38.00	42.90	54.10	61.10	69.10	77.30	75.50	66.20	50.69
1949	52.00	41.00	32.00	29.40	38.00	41.30	52.60	59.10	70.80	74.90	73.70	66.20	51.74
1950	52.00	41.00	32.00	29.30	38.00	41.00	51.70	62.10	68.00	79.40	73.90	65.30	53.01
1951	52.00	41.00	32.00	29.00	38.00	35.40	53.10	62.60	73.30	77.30	74.60	65.30	51.32
1952	52.00	41.00	32.00	29.50	38.00	43.10	49.30	62.50	74.00	79.50	72.60	69.20	52.67
1953	52.00	41.00	32.00	29.70	38.00	40.00	54.60	64.40	71.10	79.90	74.50	67.10	50.30
1954	52.00	41.00	32.00	29.90	38.00	38.50	48.90	60.40	69.60	79.40	76.00	69.90	50.93
1955	52.00	41.00	32.00	29.80	38.00	42.30	52.40	64.50	75.40	77.10	73.50	70.60	54.13
1956	52.00	41.00	32.00	29.00	38.00	43.30	48.90	65.80	69.90	79.40	76.00	69.90	50.93
1957	52.00	41.00	32.00	29.80	38.00	40.00	49.20	65.20	69.90	76.10	72.90	65.20	50.74
1958	52.00	41.00	32.00	29.40	38.00	41.30	49.60	65.60	75.90	78.00	76.60	67.20	53.83
1959	52.00	41.00	32.00	29.60	38.00	42.60	53.10	61.40	74.60	79.50	76.60	69.20	52.96
1960	52.00	41.00	32.00	29.40	38.00	42.40	50.30	63.00	76.20	78.40	76.20	69.90	52.66
1961	52.00	41.00	32.00	29.10	38.00	38.40	55.50	61.70	71.30	76.90	75.90	67.40	51.83
1962	52.00	41.00	32.00	29.10	38.00	41.90	51.10	61.30	71.40	79.80	73.60	69.60	52.22
1963	52.00	41.00	32.00	29.50	38.00	37.00	50.30	62.30	70.20	81.30	74.10	65.60	52.33
1964	52.00	41.00	32.00	29.30	38.00	40.60	53.90	62.40	70.30	78.90	76.60	63.40	53.41
1965	52.00	41.00	32.00	29.30	38.00	46.10	53.60	65.40	72.00	80.90	77.00	69.10	54.95
1966	52.00	41.00	32.00	29.50	38.00	43.50	51.60	59.50	68.60	77.70	76.20	67.50	53.32
1967	52.00	41.00	32.00	29.30	38.00	43.80	46.30	59.10	72.80	78.00	70.30	64.20	50.12
1968	52.00	41.00	32.00	29.70	38.00	38.10	53.80	63.40	67.70	80.30	79.50	69.30	52.61
1969	52.00	41.00	32.00	29.70	38.00	39.80	45.90	63.30	71.40	79.10	78.70	64.10	52.55
1970	52.00	41.00	32.00	29.90	38.00	41.10	52.20	60.10	74.10	80.20	78.50	63.20	52.74
1971	52.00	41.00	32.00	29.90	38.00	46.60	53.30	63.10	74.30	80.20	77.10	68.10	53.82
1972	52.00	41.00	32.00	30.00	38.00	42.10	48.10	61.50	70.50	78.10	77.40	65.70	49.82
1973	52.00	41.00	32.00	30.10	38.00	48.20	51.00	65.00	74.90	78.30	75.60	66.40	51.92
1974	52.00	41.00	32.00	30.00	38.00	41.00	48.40	65.10	67.50	78.30	75.40	67.10	50.72
1975	52.00	41.00	32.00	29.90	38.00	49.90	48.90	65.90	99.90	78.30	75.40	67.10	50.72
1975	52.00	41.00	32.00	29.90	38.00	99.90	99.90	99.90	99.90	99.90	99.90	99.90	99.90
N	77	77	77	75	76	76	76	76	76	76	76	76	75
MEAN	54.26	39.92	28.50	25.70	33.45	42.70	52.07	61.87	71.76	78.33	75.55	66.71	52.57
STD DEV	2.87	3.09	4.68	5.80	5.63	3.23	3.13	2.91	2.70	1.72	1.80	2.35	1.60
CV	.05	.08	.16	.23	.17	.08	.06	.05	.04	.02	.02	.04	.03
STD ERR	.33	.35	.53	.67	.65	.37	.36	.33	.31	.20	.21	.27	.18
MAX	61.30	48.30	36.40	36.70	43.40	51.20	60.30	68.90	77.20	82.60	79.50	71.20	57.24
MIN	47.40	32.50	15.60	11.50	15.30	35.40	45.60	58.10	66.60	74.70	70.30	58.90	48.47
RANGE	13.90	15.80	20.80	25.20	28.10	15.80	14.70	13.80	10.60	7.90	9.20	12.30	8.77

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA



Table 16g. Time series and statistical summary of average temperature.

STATION 1489 GRAND JUNCTION G ESE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1962	57.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	72.20	79.30	72.50	68.30	999.90
1963	60.90	43.60	38.20	30.70	30.00	37.60	51.00	62.40	69.90	80.00	73.30	66.20	52.35
1964	57.70	38.90	30.60	33.20	33.90	40.10	51.70	59.60	67.70	75.70	74.10	61.70	52.07
1965	56.60	46.70	33.10	25.20	29.90	45.30	52.90	65.40	72.60	79.60	76.20	67.90	54.09
1966	53.40	45.00	31.60	26.50	37.80	49.60	52.60	59.00	67.30	76.90	76.00	67.40	53.59
1967	56.50	43.20	22.20	18.80	38.80	46.10	48.40	59.80	73.10	76.90	70.10	64.60	51.54
1968	55.20	39.70	22.50	30.80	35.20	40.20	55.70	67.00	68.50	79.00	78.40	69.30	53.71
1969	47.70	40.30	33.80	33.50	41.00	40.50	47.70	64.00	70.80	78.30	77.80	64.10	53.04
1970	49.40	41.20	33.00	29.30	34.60	42.70	52.90	60.30	73.40	79.20	76.50	63.40	52.99
1971	53.10	33.30	24.20	20.70	39.00	50.70	54.90	62.00	72.50	77.70	74.90	66.50	52.37
1972	54.30	37.00	24.70	13.30	30.00	42.10	47.60	60.20	69.10	75.90	76.10	64.10	49.53
1973	55.40	40.70	30.40	18.30	21.10	46.70	49.10	64.80	73.80	77.20	74.00	66.10	51.47
1974	57.10	40.40	28.60	22.10	32.90	40.70	46.60	56.70	67.00	77.70	999.90	65.30	999.90
1975	53.30	38.00	23.90	9.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	14	13	13	12	12	12	12	12	13	13	12	13	11
MEAN	54.79	41.00	29.06	25.28	33.68	43.52	50.92	61.77	70.61	77.95	74.99	65.76	52.59
STD DEV	3.31	2.88	3.51	6.05	5.46	4.11	3.01	3.04	2.48	1.41	2.34	2.16	1.38
CV	.06	.07	.12	.24	.16	.09	.06	.05	.04	.02	.03	.03	.03
STD ERR	.89	.80	.97	1.75	1.53	1.19	.87	.88	.69	.39	.68	.60	.42
MAX	60.30	46.70	33.80	33.20	41.00	50.70	55.70	67.00	73.80	80.00	78.40	69.30	54.09
MIN	47.70	37.00	22.20	13.30	21.10	37.60	46.60	56.70	67.00	75.70	70.10	61.70	49.53
RANGE	12.60	9.70	11.60	19.90	19.90	13.10	9.10	10.30	6.80	4.30	8.30	7.60	4.75

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 16h. Time series and statistical summary of average temperature.

STATION 3508 GRAND VALLEY

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1965	54.80	43.60	31.20	23.30	27.80	41.40	49.20	60.60	68.10	78.80	74.50	64.80	51.67
1966	51.40	42.30	28.50	26.20	35.40	44.80	49.30	59.10	66.00	76.30	74.30	64.30	51.57
1967	53.70	40.00	20.40	19.00	34.70	42.50	45.00	56.30	69.50	74.30	67.80	60.70	48.66
1968	51.80	35.80	22.40	25.30	30.20	36.60	51.60	62.10	65.80	75.10	75.30	64.10	49.76
1969	44.10	35.60	30.20	27.60	38.20	38.00	47.80	60.30	67.60	75.40	75.40	61.00	49.77
1970	46.10	38.10	30.00	27.00	32.90	39.10	49.00	56.20	70.00	75.10	74.80	59.80	49.84
1971	49.70	35.00	22.80	26.90	34.00	45.50	49.70	59.60	70.00	75.50	72.30	62.70	50.32
1972	51.10	34.60	20.40	15.80	30.40	41.00	46.10	57.40	65.10	72.60	72.50	61.30	47.34
1973	51.60	37.70	22.60	18.10	21.90	43.00	47.40	60.50	70.90	75.00	71.00	63.10	48.86
1974	53.30	37.20	23.70	19.60	29.80	39.70	44.40	55.70	64.20	75.40	70.40	62.70	48.01
1975	49.00	34.00	25.60	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	11	11	11	10	10	10	10	10	10	10	10	10	10
MEAN	50.60	37.63	25.57	22.98	31.53	41.16	47.55	58.68	67.72	75.35	72.83	62.85	49.58
STD DEV	3.22	3.17	3.95	4.43	4.60	2.88	2.61	2.23	2.35	1.55	2.51	2.33	1.41
CV	.06	.08	.15	.19	.15	.07	.05	.04	.03	.02	.03	.04	.03
STD ERR	.97	.95	1.19	1.40	1.45	.91	.83	.71	.74	.49	.79	.74	.45
MAX	54.80	43.60	31.20	27.60	38.20	45.50	51.60	62.10	70.90	76.80	75.40	66.80	51.67
MIN	44.10	34.00	20.40	15.80	21.90	36.60	43.80	55.70	64.20	72.60	67.80	59.80	47.34
RANGE	10.70	9.60	10.80	11.80	16.30	8.90	7.80	6.40	6.70	6.20	7.60	7.00	4.33

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 16i. Time series and statistical summary of average temperature.

STATION 5048 LITTLE HILLS

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1946	43.10	31.80	29.80	19.60	31.00	35.00	43.00	54.30	57.00	66.60	65.00	59.60	44.65
1947	48.00	27.10	22.60	19.80	33.00	26.90	43.20	52.50	59.40	65.80	63.60	57.80	42.39
1948	43.20	38.40	22.80	11.10	20.20	26.60	45.50	51.50	58.20	64.90	62.60	56.00	41.70
1949	41.30	38.10	23.80	21.50	26.30	32.50	41.10	46.20	53.90	60.10	62.90	52.10	41.50
1950	46.80	35.00	27.90	20.00	29.70	31.90	43.90	51.00	55.60	66.10	62.20	51.40	43.62
1951	43.00	27.70	21.70	17.60	19.80	25.80	43.80	50.70	60.10	64.50	62.80	56.90	41.12
1952	45.60	36.10	22.00	30.40	23.30	35.10	43.90	47.10	59.90	67.90	62.80	55.80	42.93
1953	44.30	36.10	27.60	27.90	31.70	32.10	45.70	52.00	58.80	68.60	63.00	57.00	44.98
1954	47.10	35.60	29.90	19.30	18.00	29.80	45.90	48.70	55.60	65.10	63.90	55.30	41.62
1955	42.20	30.60	23.00	30.80	19.00	31.80	44.90	59.90	62.40	64.70	60.90	57.50	999.90
1956	43.90	35.20	21.30	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1957	46.20	35.50	21.90	21.90	32.80	31.90	39.20	51.90	59.10	62.20	64.30	54.80	43.25
1958	42.00	39.30	22.90	22.40	25.90	31.40	41.00	49.70	62.30	65.80	64.00	54.80	43.09
1959	43.50	35.00	23.70	19.70	18.60	24.50	42.00	50.30	60.30	65.90	64.60	59.50	43.33
1960	45.60	38.80	22.80	22.10	30.20	35.30	41.00	52.10	62.20	67.10	66.90	51.00	44.35
1961	43.80	37.60	24.40	16.40	29.90	27.70	41.50	52.40	59.10	64.60	62.90	56.60	42.57
1962	47.40	37.40	22.40	14.80	32.70	32.60	41.70	53.10	58.10	66.40	62.90	58.00	46.29
1963	50.10	35.90	22.70	17.80	18.00	26.00	40.40	51.10	58.00	68.20	62.00	55.20	42.02
1964	47.20	30.40	22.60	26.10	24.30	26.70	42.10	49.90	56.80	64.70	61.70	999.90	999.90
1965	999.90	37.40	24.30	20.10	20.40	33.70	39.30	50.90	57.80	67.30	62.80	55.10	999.90
1966	42.10	37.20	21.90	21.30	27.40	27.60	42.90	49.60	57.10	67.00	62.80	57.80	43.95
1967	46.60	35.50	26.60	16.30	26.80	34.40	42.90	47.40	58.00	64.10	62.90	51.50	41.05
1968	43.90	30.60	22.40	26.60	24.40	37.60	44.80	54.10	56.80	67.50	62.90	49.80	43.51
1969	38.40	30.30	22.60	24.60	32.20	30.70	37.40	51.10	58.10	66.00	66.90	53.00	42.86
1970	38.30	34.70	25.70	25.40	24.70	31.80	40.90	48.30	53.80	66.90	65.30	49.60	42.62
1971	42.30	30.00	20.20	24.50	29.60	39.00	43.40	49.80	61.10	65.30	65.00	55.30	43.62
1972	46.60	38.90	26.90	13.10	19.50	31.20	38.00	49.10	57.60	63.80	65.50	53.50	40.23
1973	45.20	31.80	22.90	999.90	20.90	37.20	46.10	52.30	61.00	66.10	61.70	53.40	999.90
1974	45.30	33.10	18.80	20.30	25.10	999.90	37.00	46.80	55.70	66.00	61.20	53.40	999.90
1975	43.40	29.90	25.30	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	29	30	30	27	28	27	29	27	29	28	28	28	23
MEAN	44.36	32.05	23.20	21.18	25.19	32.18	41.27	50.47	58.56	65.69	63.62	55.21	42.84
STD DEV	2.70	3.77	3.56	4.85	4.94	3.79	2.66	2.12	2.11	1.80	2.08	2.45	1.25
CV	.06	.12	.15	.23	.20	.12	.06	.04	.04	.03	.03	.04	.03
STD ERR	.50	.69	.65	.93	.93	.73	.50	.41	.39	.34	.39	.46	.26
MAX	50.10	38.10	30.00	30.80	32.80	39.60	48.70	54.30	62.40	68.60	67.60	59.60	44.98
MIN	38.30	28.20	16.00	11.10	12.00	25.80	35.00	46.20	53.90	60.10	59.50	49.60	40.23
RANGE	11.80	12.90	14.00	19.70	14.80	13.80	9.80	8.10	8.50	8.50	8.10	10.00	4.75

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 16j. Time series and statistical summary of average temperature.

STATION 5520 MESA LAKES RESORT

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	34.50	24.00	14.70	14.70	19.50	27.00	31.60	41.00	50.70	56.30	53.10	46.20	34.44
1972	36.30	18.10	13.70	13.70	17.40	20.70	25.00	38.90	48.40	55.00	55.30	45.90	32.37
1973	38.90	28.90	17.30	13.70	14.60	26.10	26.60	43.70	53.40	55.90	54.10	48.00	35.10
1974	39.80	24.90	14.90	15.10	14.10	20.80	25.50	35.90	46.90	56.60	53.90	47.10	32.96
1975	36.40	24.30	19.80	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	5	5	5	4	4	4	4	4	4	4	4	4	4
MEAN	37.58	24.04	16.08	14.30	16.40	23.65	27.17	39.87	49.85	55.95	54.10	46.80	33.72
STD DEV	2.15	3.86	2.46	.71	2.53	3.37	3.02	3.30	2.64	.70	.91	.95	1.27
CV	.06	.16	.15	.05	.15	.14	.11	.08	.06	.01	.02	.02	.04
STD ERR	.96	1.73	1.10	.36	1.26	1.68	1.51	1.65	1.42	.35	.45	.47	.63
MAX	39.80	28.90	19.80	15.10	19.50	27.00	31.60	43.70	53.40	56.60	55.30	48.00	35.10
MIN	34.50	18.10	13.70	13.70	14.10	20.70	25.00	35.90	46.90	55.00	53.10	45.90	32.37
RANGE	5.30	10.80	6.10	1.40	5.40	6.30	6.60	7.80	6.50	1.60	2.20	2.10	2.73

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA



Table 16k. (continued)

STATION 6266 PALISADE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1969	48.10	41.10	34.90	30.60	41.90	42.10	47.80	64.70	71.80	79.20	79.30	65.40	53.91
1970	50.70	42.70	33.10	30.50	36.60	42.70	53.30	61.00	74.20	80.40	78.70	64.60	54.04
1971	54.80	39.60	28.40	30.40	39.30	51.70	55.80	63.60	74.30	999.90	999.90	999.90	999.90
1972	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
1973	57.70	999.90	31.50	20.00	23.30	47.30	51.00	66.40	75.20	79.50	75.90	67.40	999.90
1974	57.70	39.50	26.60	21.80	31.40	39.10	45.30	55.00	66.00	78.00	75.70	67.70	50.32
1975	55.90	40.40	30.40	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	44	42	44	44	45	44	45	45	43	41	42	42	34
MEAN	56.64	42.08	32.10	28.55	35.23	43.74	53.57	63.18	72.59	79.29	76.55	68.47	54.36
STD DEV	2.97	3.33	3.73	5.06	5.75	3.51	3.45	3.15	3.07	1.71	2.08	2.75	1.62
CV	.05	.08	.12	.18	.16	.08	.06	.05	.04	.02	.03	.04	.03
STD ERR	.45	.51	.56	.76	.86	.53	.51	.47	.47	.27	.32	.42	.23
MAX	67.70	48.00	38.60	39.10	45.50	52.30	60.60	70.80	78.70	82.60	80.20	72.70	58.89
MIN	41.10	35.80	24.60	15.00	20.50	36.60	45.30	55.00	66.00	75.60	71.00	60.90	50.32
RANGE	14.60	12.20	14.00	24.10	24.70	15.70	15.30	15.80	12.70	7.00	9.20	11.80	8.57

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 161. Time series and statistical summary of average temperature.

STATION 7031 RIFLE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1931	99.90	35.00	18.60	16.20	29.00	37.30	48.70	57.00	65.40	73.40	71.20	59.40	999.90
1932	46.50	35.00	21.00	17.40	33.60	40.40	45.00	53.40	68.00	74.40	68.60	64.40	45.69
1933	54.70	33.50	30.00	29.00	39.40	43.50	45.00	63.60	64.60	75.00	74.00	59.00	51.42
1934	55.60	44.20	30.10	29.00	35.50	38.10	49.20	54.60	67.90	74.00	70.60	61.30	49.87
1935	54.20	44.20	25.80	26.80	22.70	39.20	49.60	60.90	70.60	75.00	70.60	59.20	48.77
1936	55.60	55.50	26.60	26.60	29.40	41.30	54.00	61.90	61.00	67.90	67.50	58.60	46.92
1937	55.60	93.00	29.80	27.20	39.20	39.70	48.60	55.00	66.30	69.80	69.00	61.30	999.90
1938	55.60	30.00	26.20	25.30	37.60	38.60	50.60	58.40	63.60	71.00	70.10	63.20	47.17
1939	55.60	33.40	28.40	26.60	35.80	42.40	49.60	60.10	68.20	72.80	70.00	62.40	50.67
1940	55.60	33.40	28.40	26.60	35.80	42.40	49.60	60.10	61.80	69.60	68.60	57.90	48.23
1941	99.90	99.90	30.40	28.80	35.40	44.90	49.70	54.80	64.20	70.20	68.20	59.60	999.90
1942	99.90	99.90	30.40	27.40	27.40	33.00	33.60	54.20	62.20	71.60	68.80	61.60	49.27
1943	55.60	33.70	30.40	19.40	37.10	44.20	44.20	54.60	61.90	68.20	67.60	61.20	47.19
1944	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	59.40	70.40	70.00	59.00	48.60
1945	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	65.60	73.90	69.60	60.80	48.46
1946	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	65.60	73.90	70.60	60.80	48.46
1947	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	61.00	71.10	70.60	63.90	48.12
1948	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	65.10	69.80	67.40	62.40	47.23
1949	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	62.90	70.30	70.60	60.40	46.02
1950	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	62.70	68.20	66.10	61.00	46.91
1951	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	61.00	71.40	68.50	58.70	47.56
1952	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	69.70	69.70	68.00	61.30	45.17
1953	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	65.60	71.90	66.60	61.30	46.97
1954	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	64.10	73.80	66.80	61.10	49.48
1955	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	62.40	70.90	70.50	60.40	45.78
1956	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	66.40	69.40	64.90	60.90	47.17
1957	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	62.50	69.60	68.50	58.30	46.20
1958	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	66.00	68.20	72.30	61.50	48.47
1959	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	69.60	67.90	65.40	56.00	999.90
1960	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	63.10	68.70	66.90	61.60	46.34
1961	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	64.60	69.60	69.80	53.90	46.87
1962	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	61.10	66.00	65.30	59.20	44.89
1963	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	62.30	71.00	68.10	62.30	47.71
1964	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	62.40	72.10	67.30	59.80	45.80
1965	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	61.80	69.40	66.90	55.70	46.82
1966	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	64.50	72.80	69.00	62.10	48.53
1967	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	62.00	71.10	69.30	61.90	48.46
1968	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	65.60	69.80	64.90	57.30	45.98
1969	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	61.50	70.70	71.50	61.70	47.60
1970	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	63.50	70.30	69.70	57.50	47.28
1971	55.60	33.70	30.40	29.20	37.10	44.20	43.30	57.20	64.60	70.40	70.30	55.90	46.57

Table 161. (continued)

STATION 7031 RIFLE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	47.50	34.30	20.40	24.10	34.20	43.30	47.90	55.40	65.80	70.60	68.70	59.90	47.67
1972	49.90	33.60	16.80	14.10	26.40	38.40	43.30	54.80	61.40	67.90	68.70	58.20	44.46
1973	49.90	37.30	24.30	16.70	21.20	41.50	45.00	58.00	65.60	70.50	66.90	58.90	46.32
1974	50.70	36.50	20.90	18.20	25.20	36.90	42.10	51.40	60.60	69.70	66.00	58.40	44.72
1975	46.90	32.40	24.30	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	43	43	44	44	44	44	44	44	44	44	44	44	40
MEAN	49.42	36.11	25.70	22.55	29.07	38.12	47.39	56.34	63.91	70.62	68.63	60.01	47.34
STD DEV	2.48	3.16	3.94	5.03	5.74	3.05	7.87	2.70	2.40	2.07	2.02	2.24	1.56
CV	.05	.09	.15	.22	.20	.08	.06	.05	.04	.03	.03	.04	.03
STD ERR	.38	.48	.59	.76	.86	.46	.43	.41	.36	.31	.30	.34	.25
MAX	54.20	42.40	32.40	31.90	39.40	43.70	54.00	63.60	70.60	75.00	74.00	64.40	51.42
MIN	42.90	29.20	16.80	9.40	13.60	30.60	42.00	51.30	59.40	66.00	64.90	53.90	44.46
RANGE	11.30	13.20	15.60	22.50	25.80	13.10	12.00	12.30	11.20	9.00	9.10	10.50	6.97

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA



IX. SNOWFALL

Table 17a. Time series and statistical summary of snowfall.

STATION 214 ALTENBERN

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1947	1.00	20.00	24.00	14.00	38.00	23.80	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1948	4.00	10.00	33.50	55.70	21.50	16.70	999.90	.90	999.90	0.00	0.00	999.90	999.90
1949	9.00	2.00	36.10	40.80	6.70	1.30	4.30	4.50	0.00	999.90	0.00	999.90	999.90
1950	999.90	2.00	13.90	23.50	18.50	9.50	3.50	0.00	999.90	0.00	0.00	0.00	999.90
1951	3.00	10.00	47.10	29.90	19.70	42.90	0.00	0.00	999.90	0.00	0.00	0.00	999.90
1952	0.00	4.50	15.80	10.50	3.50	7.00	2.50	999.90	0.00	0.00	0.00	999.90	999.90
1953	1.00	6.00	6.10	7.70	999.90	18.10	999.90	0.00	0.00	0.00	0.00	999.90	999.90
1954	0.00	10.20	3.00	22.50	28.00	999.90	4.00	0.00	0.00	0.00	0.00	0.00	999.90
1955	0.00	25.30	3.80	4.90	17.40	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1956	1.80	5.60	11.70	53.70	999.90	8.40	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1957	0.00	5.00	8.00	5.30	4.30	5.50	4.00	0.00	0.00	0.00	0.00	0.00	32.10
1958	0.00	8.90	5.50	14.80	20.00	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1959	999.90	4.50	17.50	16.50	31.50	12.00	4.00	7.00	0.00	0.00	0.00	0.00	999.90
1960	999.90	10.50	4.50	0.00	2.00	17.30	4.00	0.00	0.00	0.00	0.00	0.00	999.90
1961	.50	7.20	17.00	31.50	29.00	1.50	2.50	0.00	0.00	0.00	0.00	0.00	89.60
1962	0.00	3.00	14.00	14.80	1.00	5.80	13.00	0.00	0.00	0.00	0.00	0.00	51.60
1963	0.00	2.00	999.90	24.90	3.50	999.90	2.00	0.00	0.00	0.00	0.00	0.00	999.90
1964	0.00	18.90	14.20	18.00	11.00	10.00	999.90	0.00	0.00	0.00	0.00	9.00	999.90
1965	0.00	5.40	16.70	6.80	999.90	13.50	4.00	999.90	0.00	0.00	0.00	0.00	999.90
1966	999.90	999.90	20.00	20.50	1.00	3.30	3.00	0.00	0.00	0.00	0.00	0.00	999.90
1967	999.90	9.00	33.20	10.00	9.00	999.90	1.00	999.90	0.00	0.00	0.00	0.00	999.90
1968	0.00	5.10	15.50	22.40	16.80	7.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1969	1.00	5.80	6.50	5.50	2.00	6.70	8.40	.50	0.00	0.00	0.00	0.00	36.40
1970	2.00	.20	11.10	16.40	2.00	1.40	2.00	0.00	0.00	0.00	0.00	0.00	35.10
1971	0.00	1.00	21.60	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1972	999.90	12.00	36.20	14.90	9.40	9.50	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1973	999.90	13.90	14.30	38.50	4.00	999.90	2.00	0.00	2.00	0.00	0.00	0.00	999.90
1974	999.90	999.90	14.60	13.00	10.90	7.10	18.10	6.20	0.00	0.00	0.00	0.00	999.90
1975	4.50	14.80	15.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	22	27	28	27	24	21	18	25	25	27	28	24	5
MEAN	1.92	8.19	17.15	19.89	12.95	10.87	4.57	1.76	.08	0.00	0.00	1.38	48.96
STD DEV	2.85	5.95	11.11	14.18	10.92	9.44	4.45	1.98	.40			1.84	23.94
CV	1.48	.73	.65	.71	.84	.87	.97	2.59	5.00			4.90	23.49
STD ERR	.61	1.14	2.10	2.73	2.23	2.06	1.05	.40	.08			.38	10.71
MAX	9.50	23.30	47.10	55.70	38.00	42.90	18.10	7.00	2.00			9.00	89.60
MIN	0.00	2.20	3.00	0.00	1.00	1.30	0.00	0.00	0.00			0.00	32.10
RANGE	9.50	23.10	44.10	55.70	37.00	41.60	18.10	7.00	2.00			9.00	57.50

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 17b. Time series and statistical summary of snowfall.

STATION 1741 COLBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER
1893	999.90	6.50	21.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	999.90
1894	999.90	3.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	999.90
1895	0.00	24.20	14.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	999.90
1896	999.90	999.90	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	999.90
1897	999.90	999.90	19.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	999.90
1898	999.90	5.20	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	999.90
1899	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	999.90
1900	999.90	5.50	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1901	0.00	999.90	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1902	0.00	6.50	13.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.30
1903	0.00	1.20	4.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90
1904	.30	999.90	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1905	1.50	4.00	12.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.30
1906	999.90	9.20	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1907	0.00	2.20	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.20
1908	24.10	10.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.10
1909	2.50	21.50	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.50
1910	0.00	2.50	22.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.50
1911	0.00	11.00	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.50
1912	2.00	2.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00
1913	2.00	4.00	32.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.50
1914	4.00	1.50	8.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.90
1915	0.00	12.00	27.00	36.50	9.70	11.50	3.00	2.00	0.00	0.00	0.00	0.00	101.70
1916	2.00	16.50	21.20	14.80	3.50	24.00	18.00	999.90	999.90	0.00	0.00	0.00	999.90
1917	999.90	999.90	20.50	65.00	19.00	8.50	999.90	999.90	999.90	0.00	0.00	0.00	999.90
1918	999.90	5.50	11.50	4.50	26.00	16.00	999.90	999.90	999.90	999.90	0.00	0.00	999.90
1919	999.90	36.00	999.90	4.00	4.50	11.00	3.00	0.00	0.00	0.00	999.90	999.90	999.90
1920	999.90	999.90	999.90	999.90	999.90	999.90	22.20	0.00	0.00	0.00	0.00	0.00	999.90
1921	3.00	17.00	999.90	24.00	8.20	14.50	14.00	0.00	0.00	0.00	0.00	0.00	999.90
1922	2.00	18.50	999.90	20.50	5.00	19.00	6.00	0.00	0.00	0.00	0.00	0.00	999.90
1923	0.00	999.90	15.50	14.00	999.90	34.00	7.00	999.90	0.00	0.00	0.00	999.90	999.90
1924	999.90	5.00	10.00	11.50	16.00	5.50	0.00	0.00	0.00	0.00	0.00	0.00	87.00
1925	999.90	5.00	8.00	11.00	17.00	10.50	0.00	0.00	0.00	999.90	999.90	999.90	999.90
1926	0.00	0.00	10.00	12.00	21.00	28.50	999.90	3.00	0.00	0.00	0.00	0.00	999.90
1927	0.00	5.00	26.00	6.20	999.90	16.50	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1928	999.90	14.00	8.30	27.50	10.50	18.00	5.00	0.00	0.00	0.00	0.00	999.90	999.90
1929	13.80	18.00	3.00	31.50	7.00	15.00	0.00	4.50	0.00	0.00	0.00	0.00	82.80
1930	0.00	17.50	11.00	1.00	15.50	13.50	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1931	0.00	11.00	10.50	20.00	21.40	6.50	12.50	0.00	999.90	0.00	0.00	0.00	999.90
1932	8.00	2.10	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.10

Table 17b. (continued)

STATION 1741 COLLBRAN 2SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER	YR
1933	0.00	8.50	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	20.50	
1934	0.00	17.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.00	
1935	9.00	7.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.00	
1936	0.00	6.00	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.00	
1937	0.00	999.90	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	
1938	0.00	3.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00	
1939	0.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	
1940	999.90	3.30	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	
1941	6.00	.20	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.20	
1942	0.00	.80	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.80	
1943	2.50	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.90	
1944	0.00	.40	.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.70	
1945	2.50	7.50	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50	
1946	0.00	5.50	7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.70	
1947	999.90	8.60	9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	
1948	0.00	9.00	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.00	
1949	5.00	4.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.50	
1950	0.00	1.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.00	
1951	4.00	4.00	28.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.50	
1952	0.00	9.50	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.00	
1953	999.90	9.20	5.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	
1954	0.00	18.50	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.50	
1955	0.00	11.00	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50	
1956	999.90	999.90	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	
1957	0.00	10.00	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.50	
1958	0.00	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	
1959	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	
1960	0.00	8.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	
1961	4.00	7.00	15.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.50	
1962	0.00	2.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.00	
1963	0.00	2.50	5.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.60	
1964	0.00	13.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00	
1965	0.00	3.50	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.50	
1966	0.00	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	999.90	999.90	
1967	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	999.90	999.90	
1968	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	999.90	999.90	
1969	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	
1970	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	
1971	999.90	3.00	20.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.50	
1972	6.00	999.90	19.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	

Table 17b. (continued)

STATION 1741 COLLEMAN 25W

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER	R
1973	0.00	7.50	19.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.00
1974	0.00	0.00	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	999.90
1975	15.00	1.00	11.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	60	65	71	81	79	81	78	77	79	77	70	67	42	25.84
MEAN	2.20	7.23	13.43	3.69	2.33	2.99	1.23	.12	0.00	0.00	0.00	.04	25.84	21.60
STD DEV	4.39	6.71	8.35	10.15	5.85	7.10	3.95	5.27				.27	21.60	3.33
CV	1.99	.92	.62	2.75	2.51	2.37	3.20	5.07				6.06	3.33	101.70
STD ERR	.57	.83	.99	1.13	.66	.79	.45	.07				.03	101.70	2.00
MAX	24.10	36.00	40.00	65.00	26.00	34.00	22.20	4.50				2.00	101.70	2.00
MIN	0.00	0.00	.30	0.00	0.00	0.00	0.00	0.00				0.00	101.70	2.00
RANGE	24.10	36.00	39.70	65.00	26.00	34.00	22.20	4.50				2.00	101.70	2.00

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 17c. Time series and statistical summary of snowfall.

STATION 1772 COLORADO NATIONAL MO

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1940	0.00	6.00	18.80	19.20	2.50	8.50	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1941	0.00	2.50	5.00	5.20	14.80	10.50	1.50	1.00	0.00	0.00	0.00	0.00	40.50
1942	0.00	1.50	1.00	1.00	1.00	1.00	0.00	999.90	0.00	0.00	0.00	0.00	999.90
1943	999.90	999.90	2.00	999.90	10.00	5.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1944	0.00	5.50	7.50	1.90	5.00	8.10	3.20	0.00	0.00	0.00	0.00	0.00	26.20
1945	0.00	3.80	7.70	4.00	6.00	2.50	4.00	0.00	0.00	0.00	0.00	0.00	28.00
1946	999.90	5.00	6.10	12.00	1.00	2.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1947	0.00	13.50	13.20	14.00	27.20	19.20	4.00	0.00	0.00	0.00	0.00	0.00	91.10
1948	999.90	10.20	14.20	30.30	12.40	22.70	0.00	999.90	0.00	0.00	0.00	999.90	999.90
1949	999.90	1.00	3.00	24.80	4.00	3.00	2.60	0.00	0.00	0.00	0.00	999.90	999.90
1950	0.00	0.00	3.00	24.80	9.70	1.50	999.90	0.00	999.90	0.00	0.00	0.00	999.90
1951	1.50	1.70	20.00	12.00	8.00	12.50	0.00	0.00	0.00	0.00	0.00	999.90	999.90
1952	0.00	9.30	7.70	6.00	2.60	14.00	1.00	999.90	0.00	0.00	0.00	0.00	999.90
1953	999.90	1.60	8.40	4.20	4.60	3.40	999.90	0.00	999.90	0.00	0.00	0.00	999.90
1954	999.90	10.00	8.00	17.40	19.00	999.90	5.00	999.90	0.00	0.00	0.00	0.00	999.90
1955	2.00	10.00	5.20	11.50	14.00	7.50	1.00	999.90	0.00	0.00	0.00	0.00	999.90
1956	999.90	13.00	12.50	5.50	1.50	12.00	8.00	0.00	0.00	0.00	0.00	0.00	999.90
1957	0.00	3.00	4.70	5.50	8.00	1.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1958	0.00	.50	.80	5.00	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1959	0.00	0.00	8.50	8.00	999.90	6.00	999.90	999.90	0.00	999.90	0.00	0.00	999.90
1960	0.00	0.00	7.00	3.00	6.50	2.50	0.00	0.00	0.00	0.00	0.00	0.00	16.30
1961	0.50	3.00	9.00	5.00	999.90	2.00	5.00	0.00	0.00	0.00	0.00	0.00	33.50
1962	0.00	4.00	9.50	12.50	999.90	17.00	1.00	0.00	0.00	0.00	0.00	0.00	999.90
1963	999.90	1.00	4.50	12.00	1.50	16.50	1.00	0.00	0.00	0.00	0.00	0.00	999.90
1964	0.00	17.50	7.50	10.50	11.50	7.30	999.90	0.00	0.00	0.00	0.00	5.00	999.90
1965	0.00	5.50	8.50	9.00	4.10	2.30	3.00	999.90	0.00	0.00	0.00	0.00	999.90
1966	3.00	5.00	8.50	5.50	999.90	5.00	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1967	999.90	5.00	30.60	14.80	7.20	0.00	1.00	999.90	0.00	0.00	0.00	0.00	999.90
1968	0.00	3.00	14.00	13.00	1.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00	43.50
1969	0.00	.70	4.10	6.00	999.90	999.90	5.30	0.00	0.00	0.00	0.00	0.00	999.90
1970	4.30	2.00	5.50	1.50	3.00	1.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90
1971	999.90	3.00	12.00	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1972	8.00	6.10	14.50	15.00	999.90	1.00	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1973	0.00	999.90	999.90	999.90	999.90	1.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1974	0.00	0.00	2.50	999.90	6.00	10.00	5.00	999.90	0.00	0.00	0.00	999.90	999.90
1975	7.00	6.90	10.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	26	34	35	32	28	32	21	24	33	34	35	30	7
MEAN	1.01	4.73	8.40	11.50	7.04	6.83	2.24	.04	0.00	0.00	0.00	.17	39.87
STD DEV	2.19	4.37	6.16	11.91	6.30	6.23	2.30	.20				.91	24.37
CV	2.17	.92	.73	1.04	.89	.91	1.03	4.90				5.48	.61
STD ERR	.43	.75	1.04	2.11	1.19	1.10	.48	.04				.17	9.21
MAX	8.00	17.50	30.60	62.50	27.20	22.70	8.00	1.00				5.00	91.10
MTN	0.00	0.00	8.00	2.00	0.00	0.00	0.00	0.00				0.00	16.30
RANGE	8.00	17.50	29.80	62.30	27.20	22.70	8.00	1.00				5.00	74.80

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 17d. Time series and statistical summary of snowfall.

STATION 3146 FRUITA

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1931	0.00	4.60	7.70	5.80	7.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	27.10
1932	0.00	0.00	10.50	11.90	4.00	0.30	0.00	999.90	0.00	0.00	0.00	0.00	999.90
1933	0.00	2.00	4.50	3.50	999.90	0.00	1.50	0.00	0.00	0.00	0.00	0.00	999.90
1934	0.00	2.70	2.50	3.50	999.90	3.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1935	0.00	1.30	5.20	3.70	0.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	11.70
1936	0.00	0.80	12.30	12.40	8.10	4.30	0.00	0.00	0.00	0.00	0.00	0.00	37.90
1937	0.00	999.90	3.00	5.40	999.90	0.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1938	0.00	999.90	10.40	11.30	13.60	5.40	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1939	0.00	0.00	1.50	7.80	3.20	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1940	0.00	0.00	5.20	12.80	0.00	1.00	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1941	0.00	999.90	1.10	3.10	5.80	5.50	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1942	0.00	0.00	0.00	1.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	2.50
1943	0.00	0.00	1.70	5.00	1.50	4.70	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1944	0.00	0.00	0.30	4.40	1.20	0.10	2.30	0.00	0.00	0.00	0.00	0.00	12.80
1945	0.00	0.00	6.20	3.50	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.30
1946	0.00	999.90	3.00	3.50	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1947	0.00	1.40	2.50	8.00	11.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	25.30
1948	0.00	8.00	11.00	19.50	7.00	4.50	0.00	0.00	0.00	0.00	0.00	0.00	56.00
1949	0.00	0.00	999.90	17.00	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1950	0.00	0.00	0.50	15.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.00
1951	0.00	0.00	10.00	999.90	999.90	0.30	0.00	0.00	0.00	0.00	0.00	999.90	999.90
1952	0.00	0.00	999.90	2.60	999.90	1.40	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1953	0.00	0.00	999.90	999.90	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1954	999.90	9.00	1.00	5.00	8.30	0.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1955	0.00	6.30	1.30	2.00	6.50	3.50	0.00	0.00	0.00	0.00	0.00	0.00	20.10
1956	0.00	999.90	5.30	30.90	1.50	1.00	999.90	0.00	0.00	0.00	0.00	0.00	69.90
1957	0.00	3.30	2.00	3.20	0.00	0.00	999.90	0.00	0.00	0.00	0.00	0.00	69.90
1958	0.00	0.50	1.30	2.60	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	69.90
1959	0.00	0.00	4.00	999.90	14.50	4.00	0.00	999.90	0.00	0.00	0.00	0.00	69.90
1960	0.00	0.20	2.30	999.90	1.50	999.90	999.90	0.00	0.00	0.00	0.00	0.00	69.90
1961	999.90	999.90	2.30	3.50	8.00	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1962	0.00	1.30	4.00	7.30	2.00	2.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1963	0.00	0.00	2.60	999.90	0.30	7.10	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1964	0.00	999.90	2.50	2.00	4.60	0.30	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1965	0.00	2.00	0.90	7.50	1.30	0.30	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1966	0.00	0.00	4.00	2.50	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1967	999.90	2.00	16.20	3.20	0.00	0.00	0.20	999.90	0.00	0.00	0.00	0.00	999.90
1968	0.00	999.90	5.30	6.50	0.80	3.50	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1969	999.90	999.90	3.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1970	999.90	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90

Table 17d. (continued)

STATION 3146 FRUITA

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	999.90	1.50	9.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1972	2.50	.20	17.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.50
1973	0.00	1.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
1974	0.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50
1975	4.00	2.80	9.50	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	39	34	42	39	37	40	32	40	44	44	44	43	13
MEAN	.12	1.63	4.90	6.05	3.15	1.78	.16	0.00	0.00	0.00	0.00	0.00	18.67
STD DEV	.54	2.30	4.32	6.37	4.07	1.98	.49						13.91
CV	5.58	1.41	.88	1.05	1.29	1.11	3.02						.74
STD ERR	.10	.40	.67	1.02	.67	.31	.09						3.86
MAX	4.00	9.00	17.80	30.90	14.50	7.10	2.30						50.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00						2.50
RANGE	4.00	9.00	17.80	30.90	14.50	7.10	2.30						47.50

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA



Table 17e. Time series and statistical summary of snowfall.

STATION 3246 GATEWAY 1SW

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1947	0.00	6.50	7.60	7.00	6.70	1.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1948	0.00	2.50	5.00	23.90	4.80	1.00	1.70	999.90	0.00	999.90	0.00	0.00	999.90
1949	999.90	0.00	1.00	17.90	999.90	5.50	999.90	0.50	0.00	0.00	0.00	0.00	999.90
1950	0.00	0.00	999.90	7.80	10.00	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1951	0.00	2.50	10.30	3.50	2.50	5.90	0.00	0.00	0.00	0.00	0.00	0.00	21.70
1952	0.00	999.90	1.30	3.50	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1953	0.00	999.90	10.50	0.00	1.20	1.00	0.00	0.00	999.90	999.90	0.00	0.00	999.90
1954	0.00	999.90	1.20	1.00	5.50	999.90	4.50	0.00	0.00	0.00	0.00	0.00	999.90
1955	0.00	2.30	999.90	999.90	2.00	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1956	999.90	999.90	9.30	13.00	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1957	0.00	1.50	0.50	5.00	5.00	3.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1958	0.00	999.90	0.00	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1959	0.00	999.90	10.00	3.00	9.90	12.00	999.90	999.90	999.90	0.00	0.00	0.00	999.90
1960	0.00	999.90	1.00	999.90	1.50	6.50	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1961	999.90	999.90	4.00	3.00	999.90	4.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1962	0.00	1.00	4.00	12.50	999.90	1.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1963	0.00	999.90	1.00	5.50	999.90	2.50	0.50	0.00	0.00	0.00	0.00	0.00	32.00
1964	0.00	5.00	3.00	5.00	15.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	27.30
1965	0.00	999.90	8.00	4.00	6.80	2.00	0.50	0.00	0.00	0.00	0.00	0.00	999.90
1966	3.00	999.90	9.00	4.00	0.00	999.90	2.00	999.90	0.00	0.00	0.00	0.00	999.90
1967	0.00	999.90	23.10	4.50	999.90	999.90	2.00	0.00	0.00	0.00	0.00	0.00	21.50
1968	0.00	0.50	10.00	2.50	0.50	8.00	0.00	999.90	0.00	0.00	0.00	0.00	999.90
1969	999.90	1.00	2.00	2.80	999.90	8.50	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1970	999.90	0.00	18.80	2.00	1.00	1.00	2.00	0.00	0.00	0.00	0.00	0.00	999.90
1971	999.90	1.00	18.80	2.00	999.90	0.00	0.50	0.00	0.00	0.00	0.00	0.00	999.90
1972	0.50	999.90	12.80	14.90	999.90	0.50	1.50	0.00	0.00	0.00	0.00	0.00	999.90
1973	0.00	5.50	23.30	32.80	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	42.60
1974	999.90	999.90	5.30	3.50	2.50	5.00	8.50	999.90	999.90	0.00	0.00	0.00	999.90
1975	0.50	0.50	5.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	22	17	27	25	18	21	14	22	26	26	28	28	5
MEAN	.18	2.14	6.18	7.10	3.99	3.54	1.76	.02	0.00	0.00	0.00	0.00	29.02
STD DEV	.65	2.23	5.76	8.01	4.77	3.06	2.28	.11					8.75
CV	3.55	1.05	.93	1.13	1.06	.86	1.29	4.69					3.30
STD ERR	.14	.54	1.11	1.50	1.00	.67	.61	.02					42.60
MAX	3.00	6.50	23.10	32.80	15.00	12.00	8.50	.50					21.50
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					21.10
RANGE	3.00	6.50	23.10	32.80	15.00	12.00	8.50	.50					

NOTE: 999.9 = MISSING DATA; 900 ADDED TO ESTIMATED OR INTERPOLATED DATA



Table 17f. (continued)

STATION 3488 GRANDJUNCTION WSO AP

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER
1939	0.00	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40
1940	0.00	3.80	8.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.20
1941	0.00	3.20	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.40
1942	0.00	999.90	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1943	999.90	999.90	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1944	0.00	999.90	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1945	0.00	1.40	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.90
1946	0.00	2.50	4.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.60
1947	0.00	7.10	4.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.20
1948	999.90	7.20	9.60	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	999.90	999.90
1949	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1950	0.00	999.90	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1951	999.90	1.70	8.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1952	0.00	3.80	7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.00
1953	999.90	3.30	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	0.00	999.90
1954	0.00	8.70	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.20
1955	999.90	4.70	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1956	1.80	2.30	6.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.50
1957	0.00	3.90	4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.50
1958	0.00	3.20	1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
1959	0.00	3.30	6.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.90
1960	0.00	2.20	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.30
1961	999.90	1.10	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1962	0.00	3.30	4.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.20
1963	0.00	999.90	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1964	0.00	12.10	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.20
1965	0.00	2.50	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.30
1966	1.90	4.20	6.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.40
1967	999.90	5.50	16.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1968	0.00	5.20	17.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1969	0.00	3.50	4.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.90
1970	3.10	999.90	4.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1971	5.50	3.90	10.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.80
1972	5.70	1.30	9.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.70
1973	0.00	7.70	5.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.40
1974	999.90	5.10	4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1975	6.10	3.90	7.20	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	60	58	75	74	75	73	69	71	76	75	74	74	38
MEAN	5.52	3.22	5.45	1.84	1.97	2.96	3.33	8.00	0.00	0.00	0.00	0.04	12.80
STD DEV	1.32	3.78	3.77	4.18	1.98	2.26	2.85	8.02	0.00	0.00	0.00	0.36	12.82
CV	2.54	1.17	0.69	2.27	2.04	2.35	2.54	8.43	0.00	0.00	0.00	0.04	1.00
STD ERR	0.17	0.50	0.44	0.49	0.23	0.26	0.10	0.00	0.00	0.00	0.00	0.00	0.08
MAX	6.10	23.60	16.70	20.90	8.50	14.10	4.50	0.20	0.00	0.00	0.00	0.00	65.00
MIN	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40
RANGE	6.10	23.60	16.50	20.90	8.50	14.10	4.50	0.20	0.00	0.00	0.00	0.00	63.60

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 17g. Time series and statistical summary of snowfall.

STATION 3489 GRAND JUNCTION 6 ESE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1962	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1963	0.00	999.90	999.90	999.90	0.00	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1964	0.00	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1965	0.00	0.00	.50	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1966	0.00	999.90	4.00	999.90	0.00	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1967	0.00	0.00	999.90	3.30	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1968	0.00	0.00	7.50	3.50	2.10	9.70	0.00	0.00	0.00	0.00	0.00	0.00	22.80
1969	0.00	999.90	4.90	1.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1970	0.00	999.90	4.50	2.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1971	999.90	2.50	13.10	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1972	4.00	.30	12.00	14.70	2.50	2.70	1.00	0.00	0.00	0.00	0.00	0.00	37.20
1973	0.00	999.90	999.90	999.90	999.90	0.00	1.00	0.00	0.00	0.00	0.00	0.00	999.90
1974	0.00	.30	1.00	10.00	1.50	7.00	999.90	999.90	0.00	0.00	999.90	0.00	999.90
1975	5.80	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	13	6	8	7	9	9	11	11	13	13	12	13	2
MEAN	.75	.52	5.94	5.79	.97	2.60	.18	0.00	0.00	0.00	0.00	0.00	
STD DEV	1.88	.98	4.65	4.93	1.99	3.63	.40						
CV	2.49	1.90	.78	.85	1.03	1.40	2.22						
STD ERR	.52	.40	1.64	1.86	.33	1.21	.12						
MAX	5.80	2.50	13.10	14.70	2.50	9.70	1.00						
MIN	0.00	0.00	.50	1.00	0.00	0.00	0.00						
RANGE	5.80	2.50	12.60	13.70	2.50	9.70	1.00						

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 17h. Time series and statistical summary of snowfall.

STATION 3508 GRAND VALLEY

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1965	0.00	0.00	7.50	9.00	3.00	1.50	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1966	0.00	0.00	12.80	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.30
1967	0.00	5.00	37.50	8.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.50
1968	0.00	999.90	15.00	11.60	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1969	999.90	2.30	3.70	6.50	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1970	1.00	0.00	7.60	9.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1971	3.00	999.90	19.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1972	999.90	4.60	24.60	10.20	7.10	4.00	2.50	0.00	0.00	0.00	0.00	0.00	999.90
1973	0.00	4.10	10.30	25.00	7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.60
1974	0.00	0.00	10.90	10.30	4.90	999.90	2.00	999.90	0.00	0.00	0.00	0.00	999.90
1975	0.00	8.10	3.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
MEAN	9	9	11	10	9	9	9	9	10	10	10	10	3
STD DEV	.44	2.68	13.03	9.40	3.32	.72	.61	0.00	0.00	0.00	0.00	0.00	39.13
CV	1.01	2.94	10.05	6.53	2.86	1.35	1.22						20.16
STD ERR	2.23	1.10	.72	.69	.86	1.67	1.99						11.52
MAX	.34	.63	3.03	2.06	.95	.45	.41						11.64
MIN	3.00	8.10	37.50	25.00	7.20	4.00	3.00						54.50
RANGE	0.00	0.00	3.70	0.00	0.00	0.00	0.00						56.30
	3.00	8.10	33.80	25.00	7.20	4.00	3.00						38.20

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 17i. Time series and statistical summary of snowfall.

STATION 504B LITTLE HILLS

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1946	999.90	16.30	1.40	14.40	8.70	2.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1947	1.30	11.90	14.30	12.70	15.90	27.80	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1948	0.00	9.50	22.70	33.00	2.00	999.90	999.90	999.90	999.90	999.90	0.00	0.00	999.90
1949	7.00	3.50	7.80	16.90	7.00	12.00	12.50	1.00	0.00	0.00	0.00	0.00	67.70
1950	0.00	1.50	5.50	14.50	8.00	3.60	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1951	999.90	999.90	999.90	999.90	1.50	27.30	0.00	999.90	999.90	0.00	999.90	0.00	999.90
1952	0.00	6.60	9.40	15.30	8.90	13.00	2.00	2.00	0.00	0.00	0.00	0.00	57.20
1953	999.90	11.00	13.40	16.20	4.30	25.80	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1954	0.00	15.60	3.50	10.40	24.50	8.30	12.00	0.00	999.90	0.00	0.00	999.90	999.90
1955	3.50	12.40	4.10	8.70	25.30	9.50	999.90	0.00	0.00	0.00	0.00	0.00	56.10
1956	999.90	999.90	999.90	16.80	3.10	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1957	0.00	999.90	999.90	5.50	999.90	9.60	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1958	0.00	4.50	909.90	5.50	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1959	999.90	999.90	8.50	6.60	30.60	18.10	999.90	9.40	0.00	0.00	0.00	0.00	999.90
1960	999.90	6.50	7.80	1.00	9.50	999.90	999.90	0.00	0.00	0.00	0.00	999.90	999.90
1961	999.90	999.90	999.90	13.00	999.90	4.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1962	0.00	1.00	999.90	4.70	1.00	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1963	0.00	0.00	999.90	13.10	999.90	24.00	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1964	0.00	999.90	999.90	999.90	17.00	9.00	999.90	999.90	0.00	0.00	0.00	999.90	999.90
1965	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1966	0.00	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1967	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1968	0.00	1.00	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1969	13.00	6.00	999.90	8.00	999.90	6.00	11.00	0.00	0.00	0.00	0.00	0.00	999.90
1970	6.00	999.90	3.00	999.90	999.90	7.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90
1971	11.00	999.90	10.10	9.00	6.30	999.90	6.50	2.00	0.00	0.00	0.00	0.00	999.90
1972	9.00	3.00	29.50	8.60	999.90	14.00	11.00	999.90	0.00	0.00	0.00	0.00	999.90
1973	0.00	19.00	17.70	19.00	2.50	11.50	15.00	0.00	3.00	0.00	0.00	0.00	87.70
1974	0.00	2.00	14.00	16.50	8.50	9.00	12.00	7.00	0.00	0.00	0.00	0.00	75.00
1975	9.00	9.50	12.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	22	19	18	22	18	19	15	23	26	28	28	25	5
MEAN	2.72	6.88	10.79	12.25	10.26	12.24	6.51	.93	.12	0.00	0.00	0.00	68.74
STD DEV	4.30	5.41	7.16	6.68	8.87	8.58	8.24	2.40	.59				13.16
CV	1.58	1.79	.66	.55	.85	.70	.96	2.59	5.10				.19
STD ERR	.92	1.24	1.69	1.42	2.09	1.97	1.61	.50	.12				5.89
MAX	13.00	19.00	29.50	33.00	30.60	27.80	18.00	9.40	3.00				87.70
MIN	0.00	0.00	1.40	1.00	1.00	.50	0.00	0.00	0.00				56.10
RANGE	13.00	19.00	28.10	32.00	29.60	27.30	18.00	9.40	3.00				31.60

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 17j. Time series and statistical summary of snowfall.

STATION 5520 MESA LAKES RESORT

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	49.50	46.20	81.50	36.80	21.50	23.50	33.00	7.50	0.00	0.00	0.00	2.00	300.50
1972	27.00	74.00	66.00	87.50	50.00	107.50	99.50	46.50	10.00	0.00	0.00	4.50	572.50
1973	17.00	69.50	79.00	120.00	35.60	40.50	83.50	31.40	6.00	0.00	0.00	1.50	453.00
1974	23.00	44.50	80.50	93.50	71.50	98.50	73.50	31.50	1.00	0.00	0.00	0.00	517.50
1975	43.00	73.50	45.50	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	5	5	5	4	4	4	4	4	4	4	4	4	4
MEAN	31.70	61.54	70.50	84.45	44.65	67.50	72.37	21.47	4.25	4.00	0.00	4.00	460.87
STD DEV	13.45	14.89	15.32	34.76	21.35	41.74	28.35	21.34	4.65	0.00	0.00	1.87	117.54
CV	.42	.24	.22	.41	.48	.62	.39	.69	1.09			.94	.26
STD ERR	6.02	6.66	6.85	17.38	10.67	20.87	14.18	10.67	2.32			.94	58.77
MAX	48.50	74.00	81.50	120.00	71.50	107.50	99.50	46.50	10.00			4.50	572.50
MIN	17.00	44.50	45.50	36.80	21.50	23.50	33.00	7.50	0.00			0.00	300.50
RANGE	31.50	29.50	36.00	83.20	50.00	84.00	66.50	46.10	10.00			4.50	272.00

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 17k. Time series and statistical summary of snowfall.

STATION 5266 PALISADE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1922	999.90	999.90	1.00	17.90	.80	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1923	0.00	2.40	4.30	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1924	0.00	4.00	0.00	2.00	2.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1925	999.90	999.90	999.90	4.50	4.80	1.00	0.00	999.90	0.00	0.00	0.00	0.00	999.90
1926	0.00	0.00	999.90	999.90	999.90	0.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1927	0.00	2.00	2.60	1.00	1.50	2.00	1.00	0.00	0.00	0.00	0.00	0.00	999.90
1928	3.00	7.00	3.60	2.20	3.00	6.60	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1929	0.00	999.90	999.90	4.00	4.00	7.00	1.50	0.00	0.00	0.00	0.00	0.00	999.90
1930	0.00	999.90	6.50	4.00	999.90	1.70	1.00	0.00	0.00	0.00	0.00	0.00	999.90
1931	0.00	999.90	4.90	10.00	15.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1932	0.00	0.00	1.10	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1933	0.00	4.00	2.00	6.70	999.90	999.90	3.00	0.00	0.00	0.00	0.00	0.00	999.90
1934	0.00	999.90	999.90	2.50	14.00	4.30	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1935	999.90	999.90	999.90	2.00	4.50	3.50	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1936	0.00	1.50	1.20	2.50	1.00	3.50	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1937	0.00	1.70	1.70	2.50	1.50	10.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1938	0.00	1.00	10.00	2.50	1.50	999.90	0.00	999.90	0.00	0.00	0.00	0.00	999.90
1939	0.00	999.90	1.00	6.00	1.00	999.90	0.00	999.90	0.00	0.00	0.00	0.00	999.90
1940	0.00	5.00	3.50	6.00	6.50	18.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1941	0.00	4.00	5.80	5.40	5.00	4.00	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1942	999.90	0.00	1.20	15.30	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1943	0.00	0.00	1.00	4.60	999.90	1.30	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1944	0.00	999.90	999.90	8.00	999.90	10.10	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1945	0.00	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1946	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1947	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1948	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1949	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1950	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1951	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1952	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1953	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1954	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1955	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1956	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1957	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1958	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1959	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1960	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1961	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1962	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1963	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1964	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1965	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1966	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1967	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1968	0.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90



Table 17k. (continued)

STATION 6266 PALISADE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1969	0.00	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1970	0.00	0.00	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1971	999.90	2.00	999.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1972	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	999.90	999.90
1973	0.00	3.30	3.70	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90	0.00	999.90
1974	999.90	999.90	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00
1975	999.90	1.60	8.30	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	38	28	27	33	30	32	36	43	46	44	44	43	4
MEAN	.08	1.72	3.71	4.60	3.03	2.78	.53	0.00	0.00	0.00	0.00	0.00	10.75
STD DEV	.49	2.18	3.91	6.48	3.99	4.33	1.75						4.81
CV	6.16	1.27	1.05	1.41	1.32	1.56	3.32						2.45
STD ERR	.08	.41	.75	1.13	.73	.77	.29						2.40
MAX	3.00	7.30	18.50	28.30	15.30	18.00	10.00						17.70
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00						7.00
RANGE	3.00	7.30	18.50	28.30	15.30	18.00	10.00						10.70

NOTE: 999.9 = MISSING DATA, 9000 ADDED TO ESTIMATED OR INTERPOLATED DATA

Table 171. Time series and statistical summary of snowfall.

STATION 7031 RIFLE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1931	999.90	10.00	13.00	12.00	15.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1932	0.00	4.00	15.00	7.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.50
1933	0.00	6.50	4.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.00
1934	0.00	999.90	7.00	5.00	3.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1935	3.50	1.00	2.00	1.00	8.10	1.00	0.00	0.00	0.00	0.00	0.00	0.00	21.10
1936	0.00	1.50	6.40	16.00	6.00	2.10	2.00	0.00	0.00	0.00	0.00	0.00	34.00
1937	0.00	2.20	5.50	17.40	4.60	999.90	2.80	999.90	0.00	0.00	0.00	0.00	999.90
1938	0.00	3.00	14.10	17.50	9.80	3.00	0.50	0.00	0.00	0.00	0.00	0.00	47.90
1939	0.00	0.00	4.50	20.40	9.90	.40	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1940	0.00	3.40	17.90	13.00	999.90	6.60	3.00	0.00	0.00	0.00	0.00	0.00	999.90
1941	999.90	0.00	8.90	8.50	16.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1942	999.90	999.90	1.30	25.90	1.60	9.70	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1943	999.90	999.90	3.20	23.00	6.10	2.00	1.00	0.00	0.00	0.00	0.00	0.00	999.90
1944	0.00	999.90	9.00	33.90	999.90	4.00	9.00	0.00	0.00	0.00	0.00	0.00	999.90
1945	0.00	3.50	2.50	33.90	2.70	.50	0.00	0.00	0.00	0.00	0.00	0.00	20.10
1946	0.00	999.90	2.60	6.60	9.10	6.40	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1947	0.00	3.90	26.50	24.70	20.60	13.50	2.00	0.00	0.00	0.00	0.00	0.00	71.20
1948	0.00	8.00	32.60	22.90	8.40	16.80	0.00	0.00	0.00	0.00	0.00	0.00	94.80
1949	999.90	0.00	999.90	999.90	4.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90	999.90
1950	0.00	999.90	9.50	24.70	7.50	3.50	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1951	0.00	7.50	33.00	999.90	4.10	14.00	0.00	0.00	0.00	0.00	0.00	0.00	66.10
1952	0.00	999.90	999.90	999.90	999.90	4.50	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1953	999.90	999.90	999.90	6.30	0.00	1.00	0.00	0.00	0.00	0.00	999.90	0.00	999.90
1954	999.90	999.90	1.50	12.00	19.60	3.00	0.00	999.90	999.90	0.00	0.00	0.00	999.90
1955	1.50	19.50	999.90	26.00	21.90	2.00	1.00	0.00	0.00	0.00	0.00	0.00	999.90
1956	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1957	999.90	9.50	10.50	999.90	9.50	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1958	999.90	1.10	999.90	7.70	16.80	999.90	2.30	0.00	0.00	0.00	0.00	0.00	999.90
1959	0.00	999.90	9.80	10.00	19.80	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1960	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1961	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	0.00	0.00	0.00	999.90
1962	0.00	2.00	9.50	999.90	0.00	.80	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1963	0.00	0.00	6.40	999.90	999.90	999.90	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1964	0.00	999.90	999.90	8.50	4.50	4.00	0.00	999.90	0.00	0.00	0.00	7.00	999.90
1965	0.00	999.90	1.00	10.00	7.50	3.00	0.00	999.90	0.00	0.00	0.00	0.00	999.90
1966	999.90	999.90	999.90	999.90	999.90	2.40	2.20	0.00	0.00	0.00	0.00	0.00	999.90
1967	999.90	7.00	37.60	4.50	15.50	.50	999.90	999.90	0.00	0.00	0.00	0.00	999.90
1968	0.00	7.00	21.70	999.90	14.00	999.90	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1969	4.00	4.50	4.30	7.60	4.50	6.50	999.90	0.00	0.00	0.00	0.00	0.00	999.90
1970	999.90	.50	13.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90

Table 171. (continued)

STATION 7031 RIFLE

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WATER YR
1971	4.50	1.90	32.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.40
1972	5.50	5.30	38.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.80
1973	0.00	15.60	10.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.90
1974	999.90	12.10	19.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.90
1975	4.00	12.50	13.00	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90	999.90
N	32	29	35	35	37	35	34	37	42	44	43	43	12
MEAN	.72	4.71	12.22	8.94	7.50	3.66	1.15	0.00	0.00	0.00	0.00	.16	42.9A
STD DEV	1.61	4.96	10.70	7.87	6.79	4.22	2.03					1.07	23.68
CV	2.24	1.05	.88	.88	.91	1.15	1.77					6.56	.55
STD ERR	.28	.92	1.81	1.33	1.17	.71	.35					.16	6.84
MAX	5.50	19.50	38.00	29.00	21.90	16.80	9.00					7.00	94.80
MIN	0.00	0.00	1.00	0.00	0.00	0.00	0.00					0.00	17.00
RANGE	5.50	19.50	37.00	29.00	21.90	16.80	9.00					7.00	77.80

NOTE: 999.9 = MISSING DATA, 900 ADDED TO ESTIMATED OR INTERPOLATED DATA