

SELECTED HYDROGRAPHS AND STATISTICAL ANALYSES  
CHARACTERIZING THE WATER RESOURCES OF THE  
ARKANSAS RIVER BASIN, COLORADO

By Alan W. Burns

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U.S. GEOLOGICAL SURVEY

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# C O N T E N T S

|                                 | Page |
|---------------------------------|------|
| Abstract-----                   | 1    |
| Introduction-----               | 1    |
| Purpose and scope-----          | 3    |
| Data availability-----          | 3    |
| Hydrographs and statistics----- | 3    |
| Precipitation-----              | 4    |
| Snowpack-----                   | 24   |
| Discharge-----                  | 38   |
| Ground-water levels-----        | 68   |
| Summary-----                    | 84   |
| References-----                 | 84   |
| Supplemental information-----   | 85   |

## ILLUSTRATIONS

|  | Page      |
|--|-----------|
| Plate 1. Map showing location of selected water-resources data-<br>collection stations in the Arkansas River basin,<br>Colorado----- | In pocket |
| Figure 1. Map showing location of study area-----  | 2         |
| 2-31. Hydrographs showing annual precipitation for:  |           |
| 2. Station 1071, Buena Vista (1SE)-----  | 7         |
| 3. Station 1294, Canon City-----   | 7         |
| 4. Station 1778, Colorado Springs WSO AP-----  | 8         |
| 5. Station 2446, Eads-----   | 8         |
| 6. Station 2997, Forder 8S-----  | 9         |
| 7. Station 3063, Fountain (2NW) (1N)-----  | 9         |
| 8. Station 3079, Fowler 1SE-----   | 10        |
| 9. Station 3828, Haswell-----  | 10        |
| 10. Station 4076, Holly-----   | 11        |
| 11. Station 4388, John Martin Dam-----   | 11        |
| 12. Station 4720, La Junta FAA AP-----   | 12        |
| 13. Station 4750, Lake Moraine-----  | 12        |
| 14. Station 4770, Lamar-----   | 13        |
| 15. Station 4834, Las Animas (1N)-----   | 13        |
| 16. Station 5730, Monument 2WSW-----   | 14        |
| 17. Station 5990, North Lake-----  | 14        |
| 18. Station 6131, Ordway 2ENE-----   | 15        |
| 19. Station 6410, Penrose (3NW)-----   | 15        |
| 20. Station 6740, Pueblo WSO AP-----   | 16        |
| 21. Station 6741, Pueblo-----  | 16        |
| 22. Station 7167, Rocky Ford 2SE-----  | 17        |
| 23. Station 7315, Rye-----   | 17        |
| 24. Station 7370, Salida-----  | 18        |
| 25. Station 7862, Springfield-----   | 18        |
| 26. Station 8064, Sugarloaf Reservoir (1ESE)-----  | 19        |
| 27. Station 8429, Trinidad-----  | 19        |

# C O N T E N T S

|   | Page |
|---|------|
| Figures 2-31. Hydrographs showing annual precipitation for--Continued   |      |
| 28. Station 8434, Trinidad FAA AP (Hoehne)-----   | 20   |
| 29. Station 8501, Twin Lakes Reservoir-----   | 20   |
| 30. Station 8781, Walsenburg (Powerplant)-----  | 21   |
| 31. Station 8931, Westcliffe-----   | 21   |
| 32. Graph showing frequency distribution of annual<br>precipitation for five selected stations-----               | 22   |
| 33. Graph showing distribution of monthly precipitation<br>for five selected stations-----                        | 23   |
| 34-51. Hydrographs showing April 1 snowpack for:  |      |
| 34. Station 5M07S, Apishapa-----  | 26   |
| 35. Station 5L03, Bigelow Divide-----   | 26   |
| 36. Station 5M06, Blue Lakes-----   | 27   |
| 37. Station 5M05, Bourbon-----  | 27   |
| 38. Station 5M12, Cucharas Creek-----   | 28   |
| 39. Station 6K17, East Fork-----  | 28   |
| 40. Station 6K07, Four Mile Park-----   | 29   |
| 41. Station 6K08, Fremont Pass-----   | 29   |
| 42. Station 6L08, Garfield-----   | 30   |
| 43. Station 5L04, Hermit Lake-----  | 30   |
| 44. Station 6K04, Independence Pass-----  | 31   |
| 45. Station 5M1M, La Veta-----  | 31   |
| 46. Station 6L04, Monarch Pass-----   | 32   |
| 47. Station 6L3P, Porphry Creek-----  | 32   |
| 48. Station 6K02, Tennessee Pass-----   | 33   |
| 49. Station 6L12, Trout Creek Pass-----   | 33   |
| 50. Station 6K03S, Twin Lakes Tunnel-----   | 34   |
| 51. Station 5L02, Westcliffe-----   | 34   |
| 52. Graph showing relation of mean April 1 snowpack to the<br>elevation of the snow-survey course-----            | 35   |
| 53. Hydrograph showing snowpack for station 6K02,<br>Tennessee Pass-----  | 36   |
| 54. Graph showing February 1 snowpack versus April 1 snowpack<br>for snow-survey course 6K02, Tennessee Pass----- | 37   |
| 55-93. Hydrographs showing annual mean discharge for:   |      |
| 55. The Arkansas River near Leadville-----  | 41   |
| 56. Station 07083000, Halfmoon Creek near Malta-----  | 41   |
| 57. Station 07084500, Lake Creek above Twin Lakes<br>Reservoir-----   | 42   |
| 58. Station 07086000, Arkansas River at Granite-----  | 42   |
| 59. Station 07086500, Clear Creek above Clear Creek<br>Reservoir-----   | 43   |
| 60. Station 07089000, Cottonwood Creek below Hot Springs-----   | 43   |
| 61. Station 07091500, Arkansas River at Salida-----   | 44   |
| 62. Station 07093700, Arkansas River near Wellsville-----   | 44   |
| 63. Station 07094500, Arkansas River at Parkdale-----   | 45   |
| 64. Station 07095000, Grape Creek near Westcliffe-----  | 45   |
| 65. Station 07096000, Arkansas River at Canon City-----   | 46   |
| 66. Station 07097000, Arkansas River at Portland-----   | 46   |
| 67. Station 07099100, Beaver Creek near Portland-----   | 47   |

# C O N T E N T S

|  | Page |
|--|------|
| Figures 55-93. Hydrographs showing annual mean discharge for--Continued                  |      |
| 68. The Arkansas River near Pueblo-----  | 47   |
| 69. Station 07103700, Fountain Creek near Colorado Springs-----                          | 48   |
| 70. Station 07104000, Monument Creek at Pikeview-----                                    | 48   |
| 71. Station 07105800, Fountain Creek at Security-----                                    | 49   |
| 72. Station 07106000, Fountain Creek near Fountain-----                                  | 49   |
| 73. Station 07106300, Fountain Creek near Pinon-----                                     | 50   |
| 74. Station 07106500, Fountain Creek at Pueblo-----                                      | 50   |
| 75. The St. Charles River near its mouth, near Pueblo---                                 | 51   |
| 76. Station 07109500, Arkansas River near Avondale-----                                  | 51   |
| 77. Station 07116000, Huerfano River below Huerfano Valley Dam-----                      | 52   |
| 78. Station 07117000, Arkansas River near Nepesta-----                                   | 52   |
| 79. Station 07119500, Apishapa River near Fowler-----                                    | 53   |
| 80. Station 07119700, Arkansas River at Catlin Dam-----                                  | 53   |
| 81. Station 07123000, Arkansas River at La Junta-----                                    | 54   |
| 82. Station 07124000, Arkansas River at Las Animas-----                                  | 54   |
| 83. Station 07124500, Purgatoire River at Trinidad-----                                  | 55   |
| 84. Station 07126000, Purgatoire River near Alfalfa-----                                 | 55   |
| 85. Station 07126300, Purgatoire River near Thatcher----                                 | 56   |
| 86. Station 07126500, Purgatoire River at Ninemile Dam--                                 | 56   |
| 87. Station 07128000, Purgatoire River at Highland Dam--                                 | 57   |
| 88. Station 07128500, Purgatoire River near Las Animas--                                 | 57   |
| 89. Station 07130500, Arkansas River below John Martin Reservoir-----                    | 58   |
| 90. Station 07133000, Arkansas River at Lamar-----                                       | 58   |
| 91. Station 07134100, Big Sandy Creek near Lamar-----                                    | 59   |
| 92. Station 07135500, Arkansas River at Holly-----                                       | 59   |
| 93. The Arkansas River near the Colorado-Kansas State line-----                          | 60   |
| 94-97. Graphs showing:   |      |
| 94. Average discharge, by decade, along the Arkansas River, 1921-80-----                 | 61   |
| 95. Frequency distribution of monthly runoff for six selected stations-----              | 62   |
| 96. Distribution of monthly runoff for six selected stations-----                        | 63   |
| 97. Relation of April 1 snowpack to annual mean discharge for six selected stations----- | 69   |
| 98-134. Hydrographs showing water levels for:  |      |
| 98. Well 391410106191000, SC09 80 27DBB-----   | 71   |
| 99. Well 385154106081700, SC14 78 05BAD-----   | 71   |
| 100. Well 384408106040501, SC15 78 13CBA-----  | 71   |
| 101. Well 384247106125001, SC15 79 27CAC-----  | 72   |
| 102. Well 383300106023501, NA50 08 35AAD-----  | 72   |
| 103. Well 382700105523201, NA49 10 19BDD-----  | 73   |
| 104. Well 382435105350001, SC19 73 07CDB-----  | 73   |
| 105. Well 382357105070801, SC19 69 16BAD1-----   | 73   |
| 106. Well 384534104450701, SC15 66 11BDC-----  | 74   |

# CONTENTS

|   | Page |
|---|------|
| Figures 98-134. Hydrographs showing water levels for--Continued   |      |
| 107. Well 384231104400600, SC15 65 28DCD-----   | 74   |
| 108. Well 383952104405601, SC16 65 17AAA1-----  | 74   |
| 109. Well 383048104371401, SC18 65 01BAB-----   | 75   |
| 110. Well 382047104362701, SC19 65 36DDD-----   | 75   |
| 111. Well 381443104320701, SC21 64 03DAC-----   | 75   |
| 112. Well 381429104273300, SC21 63 08AAA-----   | 75   |
| 113. Well 381624104264602, SC20 63 33ABA2-----  | 76   |
| 114. Well 381529104200600, SC21 62 04AAA-----   | 76   |
| 115. Well 381340104205601, SC21 62 09CCC-----   | 76   |
| 116. Well 381258104113800, SC21 61 23BAA-----   | 76   |
| 117. Well 380838104012000, SC22 59 09CCB-----   | 77   |
| 118. Well 381104103482600, SC21 57 32AAB-----   | 77   |
| 119. Well 380414103450400, SC23 57 02DDC-----   | 77   |
| 120. Well 380221103413700, SC23 56 20AAA-----   | 77   |
| 121. Well 380007103311200, SC23 55 36CAD-----   | 78   |
| 122. Well 380203103281500, SC23 54 21BCC-----   | 78   |
| 123. Well 380348103185300, SC23 53 11ACC-----   | 79   |
| 124. Well 380513103150400, SC22 52 33CCB-----   | 79   |
| 125. Well 380323103085900, SC23 51 08DCC-----   | 79   |
| 126. Well 380416102554000, SC23 49 05DDC-----   | 79   |
| 127. Well 380441102480000, SC23 48 04ADC-----   | 80   |
| 128. Well 380612102350800, SC22 46 28DCB-----   | 80   |
| 129. Well 380532102311600, SC22 45 31CBB-----   | 80   |
| 130. Well 380651102285900, SC22 45 21CCC-----   | 80   |
| 131. Well 380806102261100, SC22 45 14DBA-----   | 81   |
| 132. Well 380558102220800, SC22 44 33BAB-----   | 81   |
| 133. Well 380338102130901, SC23 43 11DCB-----   | 81   |
| 134. Well 380218102042000, SC23 41 19BDA-----   | 82   |
| 135. Graph showing composite hydrograph of water levels in wells in the alluvial aquifer downstream from Pueblo--   | 83   |
| 136. Hydrographs showing mean daily discharge for station 07109500 Arkansas River near Avondale, and mean daily water levels for well 380838104012001, SC22 59 09CCB1-- | 83   |

## TABLES

|  | Page |
|--|------|
| Table 1. Selected precipitation stations-----  | 5    |
| 2. Period of record, 1921 through 1980, and mean annual precipitation for period of record for selected precipitation stations | 6    |
| 3. Selected snow-survey courses-----   | 25   |
| 4. Period of record and mean April 1 snowpack for selected snow-survey courses-----  | 25   |
| 5. Statistics of the ratio of February 1 snowpack to April 1 snowpack-----   | 37   |
| 6. Selected streamflow stations-----   | 39   |

# C O N T E N T S

|   | Page |
|---|------|
| Table 7. Period of record since 1920 and average discharge for period of record for selected streamflow-gaging stations-----        | 40   |
| 8. Coefficients and statistics from linear-regression analysis between annual mean discharge at the indicated station and time----- | 67   |
| 9. Selected wells-----  | 70   |
| 10. Matrix of correlation coefficients of monthly precipitation----   | 86   |
| 11. Matrix of correlation coefficients of first-of-the-month snowpack-----  | 87   |
| 12. Matrix of correlation coefficients of monthly discharge-----  | 88   |
| 13. Precipitation, in inches, for station 1071, Buena Vista (1SE)-----  | 90   |
| 14. Precipitation, in inches, for station 1294, Canon City-----   | 91   |
| 15. Precipitation, in inches, for station 1778, Colorado Springs WSO AP-----  | 92   |
| 16. Precipitation, in inches, for station 2446, Eads-----   | 93   |
| 17. Precipitation, in inches, for station 2997, Forder 85-----  | 94   |
| 18. Precipitation, in inches, for station 3063, Fountain 2NW) (1N)-   | 95   |
| 19. Precipitation, in inches, for station 3079, Fowler 1SE-----   | 96   |
| 20. Precipitation, in inches, for station 3828, Haswell-----  | 97   |
| 21. Precipitation, in inches, for station 4076, Holly-----  | 98   |
| 22. Precipitation, in inches, for station 4388, John Martin Dam----   | 99   |
| 23. Precipitation, in inches, for station 4720, La Junta FAA AP----   | 100  |
| 24. Precipitation, in inches, for station 4750, Lake Moraine-----   | 101  |
| 25. Precipitation, in inches, for station 4770, Lamar-----  | 102  |
| 26. Precipitation, in inches, for station 4834, Las Animas (1N)----   | 103  |
| 27. Precipitation, in inches, for station 5730, Monument 2WSW-----  | 104  |
| 28. Precipitation, in inches, for station 5990, North Lake-----   | 105  |
| 29. Precipitation, in inches, for station 6131, Ordway 2ENE-----  | 106  |
| 30. Precipitation, in inches, for station 6410, Penrose (3NW)-----  | 107  |
| 31. Precipitation, in inches, for station 6740, Pueblo WSO AP-----  | 108  |
| 32. Precipitation, in inches, for station 6741, Pueblo-----   | 109  |
| 33. Precipitation, in inches, for station 7167, Rocky Ford 2SE-----   | 110  |
| 34. Precipitation, in inches, for station 7315, Rye-----  | 111  |
| 35. Precipitation, in inches, for station 7370, Salida-----   | 112  |
| 36. Precipitation, in inches, for station 7862, Springfield-----  | 113  |
| 37. Precipitation, in inches, for station 8064, Sugarloaf Reservoir (1ESE)-----   | 114  |
| 38. Precipitation, in inches, for station 8429, Trinidad-----   | 115  |
| 39. Precipitation, in inches, for station 8434, Trinidad FAA AP (Hoehne)-----   | 116  |
| 40. Precipitation, in inches, for station 8501, Twin Lakes Reservoir-----   | 117  |
| 41. Precipitation, in inches, for station 8781, Walsenburg (powerplant)-----  | 118  |
| 42. Precipitation, in inches, for station 8931, Westcliffe-----   | 119  |
| 43. Water content of snowpack, in inches, for snow-survey course 5M07S, Apishapa-----   | 120  |
| 44. Water content of snowpack, in inches, for snow-survey course 5L03, Bigelow Divide-----  | 121  |

# CONTENTS

|   | Page |
|---|------|
| Table 45. Water content of snowpack, in inches, for snow-survey<br>course 5M06, Blue Lakes-----                     | 121  |
| 46. Water content of snowpack, in inches, for snow-survey<br>course 5M05, Bourbon-----                              | 122  |
| 47. Water content of snowpack, in inches, for snow-survey<br>course 5M12, Cucharas Creek-----                       | 122  |
| 48. Water content of snowpack, in inches, for snow-survey<br>course 6K17, East Fork-----                            | 123  |
| 49. Water content of snowpack, in inches, for snow-survey<br>course 6K07, Four Mile Park-----                       | 124  |
| 50. Water content of snowpack, in inches, for snow-survey<br>course 6K08, Fremont Pass-----                         | 125  |
| 51. Water content of snowpack, in inches, for snow-survey<br>course 6L08, Garfield-----                             | 126  |
| 52. Water content of snowpack, in inches, for snow-survey<br>course 5L04, Hermit Lake-----                          | 126  |
| 53. Water content of snowpack, in inches, for snow-survey<br>course 6K04, Independence Pass-----                    | 127  |
| 54. Water content of snowpack, in inches, for snow-survey<br>course 5M1M, La Veta-----                              | 128  |
| 55. Water content of snowpack, in inches, for snow-survey<br>course 6L04, Monarch Pass-----                         | 129  |
| 56. Water content of snowpack, in inches, for snow-survey<br>course 6L3P, Porphry Creek-----                        | 130  |
| 57. Water content of snowpack, in inches, for snow-survey<br>course 6K02, Tennessee Pass-----                       | 131  |
| 58. Water content of snowpack, in inches, for snow-survey<br>course 6L12, Trout Creek Pass-----                     | 132  |
| 59. Water content of snowpack, in inches, for snow-survey<br>course 6K03S, Twin Lakes Tunnel-----                   | 133  |
| 60. Water content of snowpack, in inches, for snow-survey<br>course 5L02, Westcliffe-----                           | 134  |
| 61. Mean discharge, in cubic feet per second, for station<br>07079500, East Fork Arkansas River near Leadville----- | 135  |
| 62. Mean discharge, in cubic feet per second, for station<br>07081000, Tennessee Creek near Leadville-----          | 135  |
| 63. Mean discharge, in cubic feet per second, for station<br>07081200, Arkansas River near Leadville-----           | 136  |
| 64. Mean discharge, in cubic feet per second, for station<br>07083000, Halfmoon Creek near Malta-----               | 136  |
| 65. Mean discharge, in cubic feet per second, for station<br>07084500, Lake Creek above Twin Lakes Reservoir-----   | 137  |
| 66. Mean discharge, in cubic feet per second, for station<br>07086000, Arkansas River at Granite-----               | 138  |
| 67. Mean discharge, in cubic feet per second, for station<br>07086500, Clear Creek above Clear Creek Reservoir----- | 139  |
| 68. Mean discharge, in cubic feet per second, for station<br>07089000, Cottonwood Creek below Hot Springs-----      | 140  |
| 69. Mean discharge, in cubic feet per second, for station<br>07091500, Arkansas River at Salida-----                | 141  |



# CONTENTS

|  | Page |
|--|------|
| Table 70. Mean discharge, in cubic feet per second, for station<br>07093700, Arkansas River near Wellsville-----     | 142  |
| 71. Mean discharge, in cubic feet per second, for station<br>07094500, Arkansas River at Parkdale-----               | 142  |
| 72. Mean discharge, in cubic feet per second, for station<br>07095000, Grape Creek near Westcliffe-----              | 143  |
| 73. Mean discharge, in cubic feet per second, for station<br>07096000, Arkansas River at Canon City-----             | 144  |
| 74. Mean discharge, in cubic feet per second, for station<br>07097000, Arkansas River at Portland-----               | 145  |
| 75. Mean discharge, in cubic feet per second, for station<br>07099100, Beaver Creek near Portland-----               | 145  |
| 76. Mean discharge, in cubic feet per second, for station<br>07099400, Arkansas River above Pueblo-----              | 145  |
| 77. Mean discharge, in cubic feet per second, for station<br>07099500, Arkansas River near Pueblo-----               | 146  |
| 78. Mean discharge, in cubic feet per second, for station<br>07103700, Fountain Creek near Colorado Springs-----     | 147  |
| 79. Mean discharge, in cubic feet per second, for station<br>07104000, Monument Creek at Pikeview-----               | 147  |
| 80. Mean discharge, in cubic feet per second, for station<br>07105800, Fountain Creek at Security-----               | 148  |
| 81. Mean discharge, in cubic feet per second, for station<br>07106000, Fountain Creek near Fountain-----             | 148  |
| 82. Mean discharge, in cubic feet per second, for station<br>07106300, Fountain Creek near Pinon-----                | 148  |
| 83. Mean discharge, in cubic feet per second, for station<br>07106500, Fountain Creek at Pueblo-----                 | 149  |
| 84. Mean discharge, in cubic feet per second, for station<br>07108500, St. Charles River near Pueblo-----            | 150  |
| 85. Mean discharge, in cubic feet per second, for station<br>07108800, St. Charles River near Vineland-----          | 150  |
| 86. Mean discharge, in cubic feet per second, for station<br>07108900, St. Charles River at Vineland-----            | 150  |
| 87. Mean discharge, in cubic feet per second, for station<br>07109000, St. Charles River at mouth near Pueblo-----   | 150  |
| 88. Mean discharge, in cubic feet per second, for station<br>07109500, Arkansas River near Avondale-----             | 151  |
| 89. Mean discharge, in cubic feet per second, for station<br>07116000, Huerfano River below Huerfano Valley Dam----- | 151  |
| 90. Mean discharge, in cubic feet per second, for station<br>07117000, Arkansas River near Nepesta-----              | 152  |
| 91. Mean discharge, in cubic feet per second, for station<br>07119500, Apishapa River near Fowler-----               | 153  |
| 92. Mean discharge, in cubic feet per second, for station<br>07119700, Arkansas River at Catlin Dam-----             | 154  |
| 93. Mean discharge, in cubic feet per second, for station<br>07123000, Arkansas River at La Junta-----               | 155  |
| 94. Mean discharge, in cubic feet per second, for station<br>07124000, Arkansas River at Las Animas-----             | 156  |

# C O N T E N T S

|   | Page |
|---|------|
| Table 95. Mean discharge, in cubic feet per second, for station<br>07124500, Purgatoire River at Trinidad-----          | 157  |
| 96. Mean discharge, in cubic feet per second, for station<br>07126000, Purgatoire River near Alfalfa-----               | 158  |
| 97. Mean discharge, in cubic feet per second, for station<br>07126300, Purgatoire River near Thatcher-----              | 158  |
| 98. Mean discharge, in cubic feet per second, for station<br>07126500, Purgatoire River at Ninemile Dam-----            | 159  |
| 99. Mean discharge, in cubic feet per second, for station<br>07128000, Purgatoire River at Highland Dam-----            | 160  |
| 100. Mean discharge, in cubic feet per second, for station<br>07128500, Purgatoire River near Las Animas-----           | 161  |
| 101. Mean discharge, in cubic feet per second, for station<br>07130500, Arkansas River below John Martin Reservoir----- | 162  |
| 102. Mean discharge, in cubic feet per second, for station<br>07133000, Arkansas River at Lamar-----                    | 163  |
| 103. Mean discharge, in cubic feet per second, for station<br>07134100, Big Sandy Creek near Lamar-----                 | 164  |
| 104. Mean discharge, in cubic feet per second, for station<br>07135500, Arkansas River at Holly-----                    | 164  |
| 105. Mean discharge, in cubic feet per second, for station<br>07137500, Arkansas River near Coolidge, Kans-----         | 165  |
| 106. Mean discharge, in cubic feet per second, for station<br>07137000, Frontier Ditch near Coolidge, Kans-----         | 166  |
| 107. Ground-water levels, in feet, for well 391410106191000,<br>SC09 80 27DBB-----                                      | 167  |
| 108. Ground-water levels, in feet, for well 385154106081700,<br>SC14 78 05BAD-----                                      | 167  |
| 109. Ground-water levels, in feet, for well 384408106040501,<br>SC15 78 13CBA-----                                      | 167  |
| 110. Ground-water levels, in feet, for well 384247106125001,<br>SC15 79 27CAC-----                                      | 167  |
| 111. Ground-water levels, in feet, for well 383300106023501,<br>NA50 08 35AAD-----                                      | 168  |
| 112. Ground-water levels, in feet, for well 382700105523201,<br>NA49 10 19BDD-----                                      | 168  |
| 113. Ground-water levels, in feet, for well 382435105350001,<br>SC19 73 07CDB-----                                      | 168  |
| 114. Ground-water levels, in feet, for well 382357105070801,<br>SC19 69 16BAD1-----                                     | 168  |
| 115. Ground-water levels, in feet, for well 384534104450701,<br>SC15 66 11BDC-----                                      | 169  |
| 116. Ground-water levels, in feet, for well 384231104400600,<br>SC15 65 28DCD-----                                      | 169  |
| 117. Ground-water levels, in feet, for well 383952104405601,<br>SC16 65 17AAA1-----                                     | 170  |
| 118. Ground-water levels, in feet, for well 383048104371401,<br>SC18 65 01BAB-----                                      | 170  |
| 119. Ground-water levels, in feet, for well 382047104362701,<br>SC19 65 36DDD-----                                      | 171  |

# CONTENTS

|  | Page |
|--|------|
| Table 120. Ground-water levels, in feet, for well 381443104320701,<br>SC21 64 03DAC----- | 172  |
| 121. Ground-water levels, in feet, for well 381429104273300,<br>SC21 63 08AAA-----       | 173  |
| 122. Ground-water levels, in feet, for well 381624104264602,<br>SC20 63 33ABA2-----      | 174  |
| 123. Ground-water levels, in feet, for well 381529104200600,<br>SC21 62 04AAA-----       | 175  |
| 124. Ground-water levels, in feet, for well 381340104205601,<br>SC21 62 09CCC-----       | 175  |
| 125. Ground-water levels, in feet, for well 381258104113800,<br>SC21 61 23BAA-----       | 176  |
| 126. Ground-water levels, in feet, for well 380838104012000,<br>SC22 59 09CCB-----       | 177  |
| 127. Ground-water levels, in feet, for well 381104103482600,<br>SC21 57 32AAB-----       | 178  |
| 128. Ground-water levels, in feet, for well 380414103450400,<br>SC23 57 02DDC-----       | 178  |
| 129. Ground-water levels, in feet, for well 380221103413700,<br>SC23 56 20AAA-----       | 179  |
| 130. Ground-water levels, in feet, for well 380007103311200,<br>SC23 55 36CAD-----       | 180  |
| 131. Ground-water levels, in feet, for well 380203103281500,<br>SC23 54 21BCC-----       | 182  |
| 132. Ground-water levels, in feet, for well 380348103185300,<br>SC23 53 11ACC-----       | 183  |
| 133. Ground-water levels, in feet, for well 380513103150400,<br>SC22 52 33CCB-----       | 185  |
| 134. Ground-water levels, in feet, for well 380323103085900,<br>SC23 51 08DCC-----       | 187  |
| 135. Ground-water levels, in feet, for well 380416102554000,<br>SC23 49 05DDC-----       | 189  |
| 136. Ground-water levels, in feet, for well 380441102480000,<br>SC23 48 04ADC-----       | 191  |
| 137. Ground-water levels, in feet, for well 380612102350800,<br>SC22 46 28DCB-----       | 192  |
| 138. Ground-water levels, in feet, for well 380532102311600,<br>SC22 45 31CBB-----       | 193  |
| 139. Ground-water levels, in feet, for well 380651102285900,<br>SC22 45 21CCC-----       | 195  |
| 140. Ground-water levels, in feet, for well 380806102261100,<br>SC22 45 14DBA-----       | 196  |
| 141. Ground-water levels, in feet, for well 380558102220800,<br>SC22 44 33BAB-----       | 197  |
| 142. Ground-water levels, in feet, for well 380338102130901,<br>SC23 43 11DCB-----       | 198  |
| 143. Ground-water levels, in feet, for well 380218102042000,<br>SC23 41 19BDA-----       | 199  |

## METRIC CONVERSIONS

Inch-pound units in this report may be expressed as metric units by use of the following conversion factors:

| <i>Multiply</i>  | <i>By</i> | <i>To obtain</i>                |
|--|-----------|---------------------------------|
| cubic foot per second<br>(ft <sup>3</sup> /s)              | 0.02832   | cubic meter per second          |
| cubic foot per second<br>per year (ft <sup>3</sup> /s)/yr) | 0.02832   | cubic meter per second per year |
| foot (ft)  | 0.3048    | meter                           |
| inch (in.)   | 25.4      | millimeter                      |
| square mile (mi <sup>2</sup> )                             | 2.589     | square kilometer                |

SELECTED HYDROGRAPHS AND STATISTICAL ANALYSES  
CHARACTERIZING THE WATER RESOURCES OF THE  
ARKANSAS RIVER BASIN, COLORADO

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By Alan W. Burns

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ABSTRACT

Hydrographs of annual precipitation from 30 stations, April 1 snowpack measurements from 18 snow-survey courses, annual discharge from 46 streamflow-gaging stations, and instantaneous water levels from 37 wells are presented to illustrate the temporal and spatial variability of the water resources of the Arkansas River basin in Colorado. Statistical analyses indicate no apparent time trends in annual precipitation or April 1 snowpack, but they do indicate declines in annual discharge for locations in the eastern part of the basin. A composite hydrograph indicates a negligible change in ground-water levels between 1930 and 1980 in the alluvial aquifer downstream from Pueblo. Generally poor correlation occurs between precipitation data and snowpack data (less than 0.40 for monthly data and less than 0.61 for annual data). In addition, precipitation data did not correlate very well with discharge (less than 0.57 for monthly data), leading to the conclusion that the typical streamflow conditions are affected little by direct precipitation. Main-stem discharge correlates quite well with snowpack (as much as 0.85 for annual data), indicating its dependence on snowmelt runoff.

INTRODUCTION

The Arkansas River drains about 25,400 mi<sup>2</sup> in Colorado (fig. 1). From its headwaters in the Sawatch and Mosquito Ranges, it flows southward through its own alpine valley. The flow increases many times as numerous rivulets and tributaries merge along its alpine course. Upon reaching the Sangre de Cristo Mountains, the river trends eastward toward the Great Plains. Leaving the high-mountain valleys, the river cuts through the foothills of the Rocky Mountains through the deeply incised Royal Gorge (not in fig. 1) near Canon City. Upon reaching the prairie of eastern Colorado, the river then meanders steadily toward Kansas and, ultimately, the Mississippi River.

Streamflow in the river is derived mainly from the melting of snow that accumulates in the mountains during October through May each year. Although devastating floods from intense thunderstorms can occur along the foothills and on the prairie, rainfall contributes little to the normal flow of the river. Ground water is an additional source of water to the river; its contribution is particularly significant along the eastern plains where irrigation-return flow as ground water is the main source of streamflow.

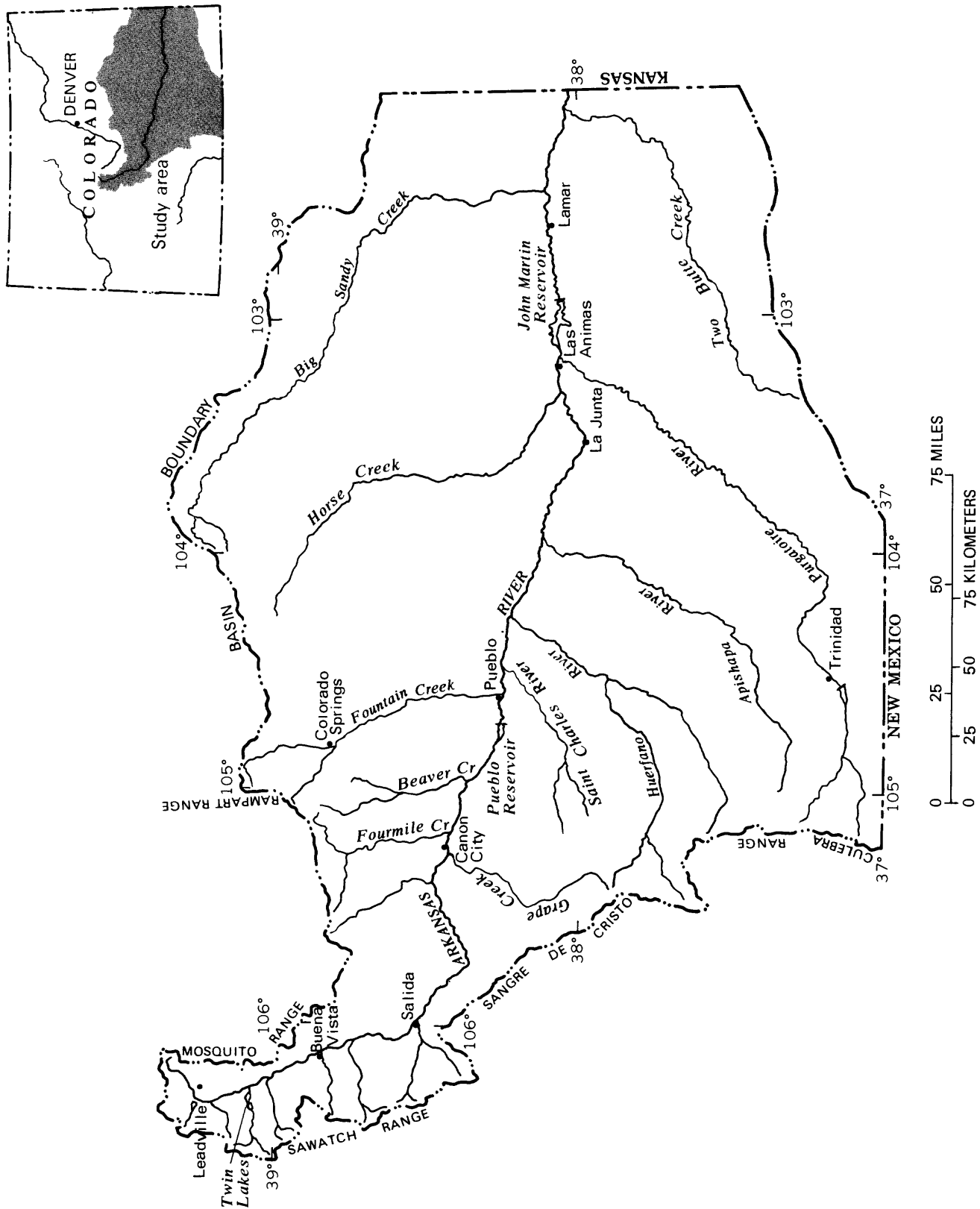


Figure 1.--Location of study area.

Although vast amounts of water are stored in several aquifers within the Arkansas River surface drainage, most of the significant quantities of ground water affecting streamflow are contributed by the basin-fill aquifer in the upper basin and the adjacent alluvial aquifer along most of the river course.

## PURPOSE AND SCOPE

Many studies to describe and evaluate segments of the water resources of the Arkansas River basin have been conducted by the U.S. Geological Survey and other investigators. In total, these studies have provided a good understanding of the hydrologic system within the basin. This is one of the first studies to provide a comprehensive evaluation of the entire basin.

A current (1983) study being conducted by the U.S. Geological Survey in cooperation with the Southeastern Colorado Water Conservancy District and the U.S. Bureau of Land Management proposes the development of a comprehensive hydrologic quantity and quality model of the entire Arkansas River basin in Colorado. Initial efforts in this study required the collation and analysis of vast amounts of data. The purpose of this first report from this study is to present some of the data in a complete yet compact format for the use of all persons interested in the Arkansas River. Some selected statistical analyses are presented to help describe the variability of the water resources of the Arkansas River basin in Colorado.

## DATA AVAILABILITY

Four types of data are discussed in this report: Precipitation, snowpack, discharge, and ground-water levels. Monthly precipitation data were collated from U.S. Weather Bureau monthly and annual publications<sup>1</sup>. Snow surveys recording the snowpack as average water content over a snow course measured on or about the first of February, March, April, and May were obtained from U.S. Soil Conservation Service publications<sup>2</sup>. Monthly mean discharge data were computed from daily discharge records stored in a computer data base (daily values) of the U.S. Geological Survey (1975). Instantaneous water-level data compiled for selected wells were processed from another computer data base (ground-water site inventory) of the U.S. Geological Survey (1975). Although much of this data may have been published elsewhere, no attempt has been made to reference all previous sources.

## HYDROGRAPHS AND STATISTICS

Hydrographs of annual precipitation, April 1 snowpack, annual mean stream discharge, and ground-water levels are presented in the following section. In addition, statistical summaries describing correlation analyses and trend analyses are included in each section.

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<sup>1</sup>For example, U.S. Weather Bureau, 1953.

<sup>2</sup>For example, U.S. Soil Conservation Service, 1972.

## Precipitation

Stations where precipitation data have been collected were selected based on the length of record and geographic location. The 30 precipitation stations chosen are shown on plate 1 and listed in table 1. The record available since 1920 and mean annual precipitation at each station are shown in table 2. Hydrographs of annual precipitation for these 30 stations are shown in figures 2-31. Tables of the monthly data are presented in the "Supplemental Information" section (tables 13-42) at the end of the report. It is readily apparent from the hydrographs that precipitation is highly variable from year to year and from station to station.

Five stations were selected to characterize the precipitation at their respective physiographic locations: Mountainous areas, mountain valleys, and the plains. In the mountainous areas, orographic effects dominate precipitation; the higher the elevation, the greater the precipitation. Station 4750 (Lake Moraine) is the highest of the 30 stations and has the greatest mean annual precipitation. It exhibits a frequency distribution typical of annual precipitation (fig. 32) for the mountainous areas. The distribution of monthly precipitation for station 4750 is shown on figure 33. Precipitation in the mountainous areas during the fall and winter is predominantly snowfall. The monthly means and year-to-year variations in precipitation (as defined by one standard deviation on either side of the mean) are less in the fall and winter than during the spring and summer. Although July and August average the most precipitation, the maximum monthly extreme of 11.70 in. occurred in April, and as much as 9.63 in. has occurred in May. Zero precipitation has been recorded at station 4750 for an entire month only in December and January.

The mountain valleys are the driest areas in the basin, even though they are at high elevations. The Arkansas River valley in the upper basin is protected by high mountains on all sides but the south. Most of the moisture in the predominantly eastward-moving clouds precipitates as the air masses rise over the mountains, which leaves generally warmer, drier air entering the valley. Station 7370, Salida, exhibits a frequency distribution typical of annual precipitation in the mountain valleys (fig. 32), with some years of precipitation as low as 4 in. The monthly precipitation for station 7370 (fig. 33) shows a relatively even distribution throughout the year. The year-to-year variations for each month are also reasonably small and uniform. Zero precipitation has been recorded at station 7370 for all but the summer months.

On the plains of eastern Colorado, precipitation exhibits considerable year-to-year variation, as shown by the frequency distribution of annual precipitation (fig. 32) for stations 6740 and 6741 (Pueblo WSO AP and Pueblo); station 4834, Las Animas (1N); and station 4076, Holly. Annual precipitation has ranged from 5 to 30 in. At these stations, precipitation on the plains generally increases from west to east. This increase is characterized in the monthly distributions for the four stations (fig. 33); both the monthly means and year-to-year variations in precipitation for the summer months increase from stations 6740 and 6741 to station 4834, and on east to station 4076. Months of zero precipitation have been recorded at one of the four stations for every month except July. At the other extreme, 18.8 in. was recorded during June 1965, at station 4076.



Table 1.--Selected precipitation stations

| Number | Name                       | Location |           |               |       |         | Elevation<br>(feet) |
|--------|----------------------------|----------|-----------|---------------|-------|---------|---------------------|
|        |                            | Latitude | Longitude | Town-<br>ship | Range | Section |                     |
| 1071   | Buena Vista (1SE)-----     | 38°51'   | 106°08'   | 14            | 78    | 08      | 7,930               |
| 1294   | Canon City-----            | 38°26'   | 105°16'   | 18            | 70    | 32      | 5,343               |
| 1778   | Colorado Springs WSO AP--- | 38°49'   | 104°43'   | 14            | 66    | 06      | 6,090               |
| 2446   | Eads-----                  | 38°29'   | 102°47'   | 18            | 48    | 22      | 4,215               |
| 2997   | Forder 8S-----             | 38°33'   | 103°41'   | 17            | 56    | 29      | 4,780               |
| 3063   | Fountain (2NW) (1N)-----   | 38°41'   | 104°42'   | 16            | 65    | 06      | 5,565               |
| 3079   | Fowler (1SE)-----          | 38°07'   | 104°02'   | 22            | 59    | 17      | 4,328               |
| 3828   | Haswell-----               | 38°27'   | 103°09'   | 18            | 51    | 31      | 4,520               |
| 4076   | Holly-----                 | 38°03'   | 102°07'   | 23            | 42    | 15      | 3,390               |
| 4388   | John Martin Dam-----       | 38°04'   | 102°55'   | 22            | 49    | 31      | 3,814               |
| 4720   | La Junta FAA AP-----       | 38°03'   | 103°31'   | 24            | 55    | 02      | 4,190               |
| 4750   | Lake Moraine-----          | 38°49'   | 104°59'   | 14            | 68    | 21      | 10,265              |
| 4770   | Lamar-----                 | 38°05'   | 102°37'   | 23            | 46    | 05      | 3,620               |
| 4834   | Las Animas (1N)-----       | 38°04'   | 103°13'   | 23            | 52    | 08      | 3,890               |
| 5730   | Monument 2WSW-----         | 39°05'   | 104°55'   | 11            | 67    | 21      | 7,400               |
| 5990   | North Lake-----            | 37°13'   | 105°03'   | 32            | 68    | 30      | 8,800               |
| 6131   | Ordway 2ENE-----           | 38°13'   | 103°43'   | 21            | 57    | 14      | 4,315               |
| 6410   | Penrose (3NW)-----         | 38°27'   | 105°04'   | 18            | 68    | 30      | 5,501               |
| 6740   | Pueblo WSO AP-----         | 38°17'   | 104°31'   | 20            | 63    | 30      | 4,639               |
| 6741   | Pueblo-----                | 38°17'   | 104°39'   | 20            | 65    | 26      | 4,687               |
| 7167   | Rocky Ford 2SE-----        | 38°02'   | 103°42'   | 23            | 56    | 20      | 4,170               |
| 7315   | Rye-----                   | 37°55'   | 104°56'   | 24            | 67    | 31      | 6,790               |
| 7370   | Salida-----                | 38°32'   | 106°00'   | 49            | 09    | 05      | 7,060               |
| 7862   | Springfield-----           | 37°24'   | 102°37'   | 30            | 46    | 29      | 4,410               |
| 8064   | Sugarloaf Reservoir (1ESE) | 39°15'   | 106°22'   | 09            | 80    | 19      | 9,738               |
| 8429   | Trinidad-----              | 37°10'   | 104°29'   | 33            | 64    | 12      | 6,030               |
| 8434   | Trinidad FAA AP (Hoehne)-- | 37°15'   | 104°20'   | 32            | 62    | 16      | 5,746               |
| 8501   | Twin Lakes Reservoir-----  | 39°05'   | 106°19'   | 11            | 80    | 23      | 9,300               |
| 8781   | Walsenburg (powerplant)--- | 37°38'   | 104°47'   | 28            | 66    | 17      | 6,150               |
| 8931   | Westcliffe-----            | 38°08'   | 105°29'   | 45            | 72    | 17      | 7,860               |

Table 2.--Period of record, 1921 through 1980, and mean annual precipitation for period of record for selected precipitation stations

[X=complete annual record; M=missing one or more months in the annual record]

| Num-<br>ber | Name                        | Years of available data since 1920 |              |              |              |              |              |            | 1 |
|-------------|-----------------------------|------------------------------------|--------------|--------------|--------------|--------------|--------------|------------|---|
|             |                             | 1920                               | 1930         | 1940         | 1950         | 1960         | 1970         | 9          |   |
|             |                             | 0123456789                         | 0123456789   | 0123456789   | 0123456789   | 0123456789   | 0123456789   | 8 (inches) |   |
|             |                             | 0123456789                         | 0123456789   | 0123456789   | 0123456789   | 0123456789   | 0123456789   | 0          |   |
| 11071       | Buena Vista (1SE)-----      | XX X                               | XXXXXXXXXX   | XXMX XMMMM   | MMXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 9.68     |   |
| 11294       | Canon City-----             | XXXXXX                             | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 12.57    |   |
| 11778       | Colorado Springs WSO AP---  | XXXX XXXX                          | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 14.90    |   |
| 2446        | Eads-----                   | X X X                              | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 14.17    |   |
| 2997        | Forder 8S-----              |                                    |              | XXXXXX       | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXMX M | 12.04      |   |
| 3063        | Fountain (2NW) (1N)-----    |                                    |              | MMXXXXXX     | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXMXMM | X 14.35    |   |
| 3079        | Fowler (1SE)-----           |                                    |              | MMXXXXXX     | XXXX XXXX    | XXXXXXXXXXXX | XXXXXXXXXXXX | X 10.82    |   |
| 3828        | Haswell-----                | XX X                               | XXXXXXXXXX   | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXMMXXXXXXXX | X 12.60    |   |
| 4076        | Holly-----                  | XX XXXX                            | XXXXXXXXXXXX | XXXXXX MM    | MMXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 14.95    |   |
| 4388        | John Martin Dam-----        |                                    |              | MMXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 11.88    |   |
| 4720        | La Junta FAA AP-----        | XXXX XXX                           |              | MMXXXX       | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 11.91    |   |
| 4750        | Lake Moraine-----           | XXXXXXXXXX                         | XXXXXXXXXXXX | XXXXXXXXMMXX | XXXXXXXXMX   | XXXX         |              | 24.18      |   |
| 4770        | Lamar-----                  | XXXXXXXXXX                         | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 14.93    |   |
| 4834        | Las Animas (1N)-----        | XXXXXXXX X                         | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 12.20    |   |
| 5730        | Monument 2WSW-----          | XXXXX XXX                          | XXXXXXXXXXXX | MMXXXXXXXXMM | MMXXXXXXXXXX | XXXXXX       |              | 19.28      |   |
| 5990        | North Lake-----             | XXXXXX                             | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 20.32    |   |
| 6131        | Ordway 2ENE-----            | X X XXXX                           | X XXXXXXX    | XXXXXXXXMMXX | MMXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | M 11.17    |   |
| 6410        | Penrose (3NW)-----          | XX XX X                            | XXXXXXXXXX   | XXXXXXXXXXXX | XXXXXXXXMX   | XXXXXXXXXXXX | XXX          | 12.22      |   |
| 6740        | Pueblo WSO AP-----          |                                    | M M          | XX           | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 10.97    |   |
| 6741        | Pueblo-----                 | XXXXXXXXXX                         | XXXXXXXXXXXX | XXXXXXXXXX   | XXXXXXXXXXXX |              |              | 11.77      |   |
| 7167        | Rocky Ford 2SE-----         | XXXXXXXXXX                         | XXXXXXXXXXXX | XXXXXXXXMMX  | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 11.66    |   |
| 7315        | Rye-----                    |                                    |              | XXMX         | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 22.63    |   |
| 7370        | Salida-----                 |                                    | XXXXXXXXXX   | XXMMXXXXMMX  | XXXXXXXXXXXX | XXXXXXXXXXXX | MX           | 11.03      |   |
| 7862        | Springfield-----            | XXXXXXXXXX                         | XXXXXXXXXXXX | XXXXXXXXXXXX | MMXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | M 15.61    |   |
| 8064        | Sugarloaf Reservoir (1ESE)  |                                    |              | MX           | MMXXXXXXXXXX | XXXXXXXXXXXX | MMXXXXXXXXXX | X 17.73    |   |
| 8429        | Trinidad-----               | XX XXXXXX                          | XXXXXXXXXXXX | XXXXXXXXMM   | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 15.06    |   |
| 8434        | Trinidad FAA AP (Hoehne)--- |                                    |              | XX           | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 12.36    |   |
| 8501        | Twin Lakes Reservoir-----   |                                    |              | M            | MMXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 9.00     |   |
| 8781        | Walsenburg (powerplant)---  |                                    | MMXXMM       | XXMMXXXXMMX  | XXXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 14.78    |   |
| 8931        | Westcliffe-----             |                                    | XXXXXX       | XXXXXXXXMMX  | MMXXXXXXXXXX | XXXXXXXXXXXX | XXXXXXXXXXXX | X 16.34    |   |

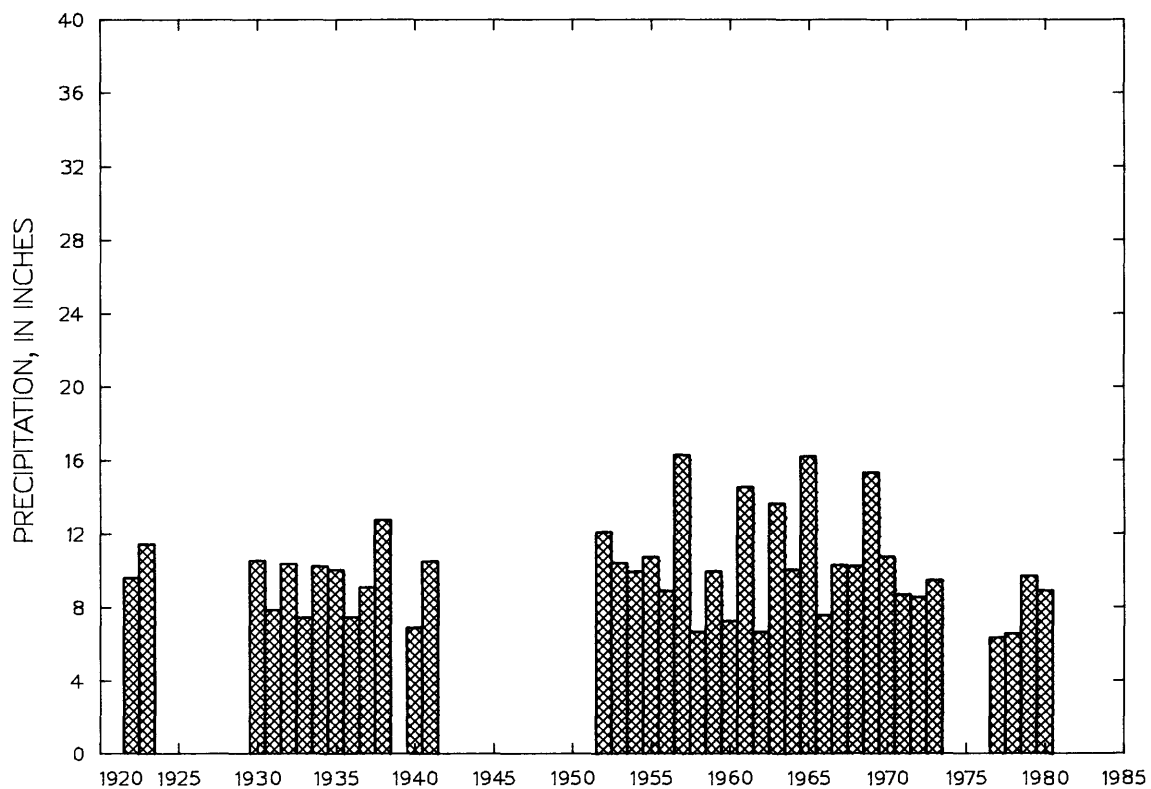


Figure 2.--Annual precipitation for station 1071, Buena Vista (1SE).

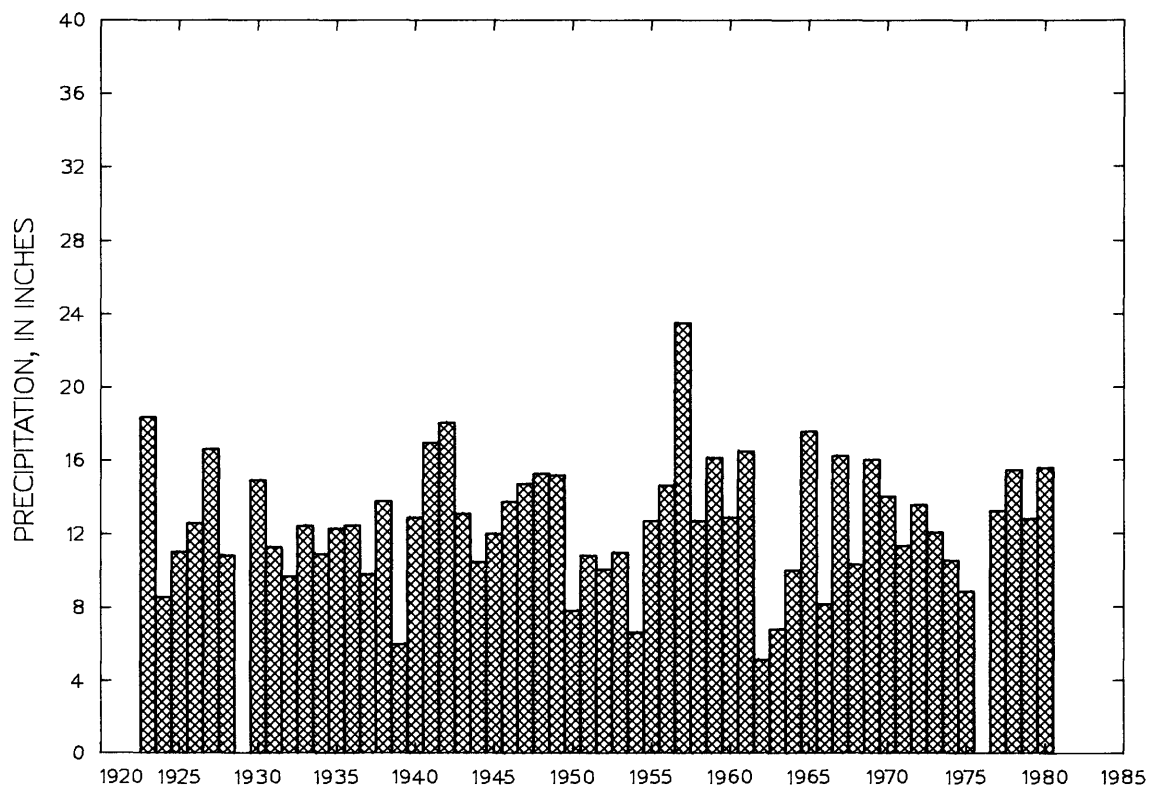


Figure 3.--Annual precipitation for station 1294, Canon City.

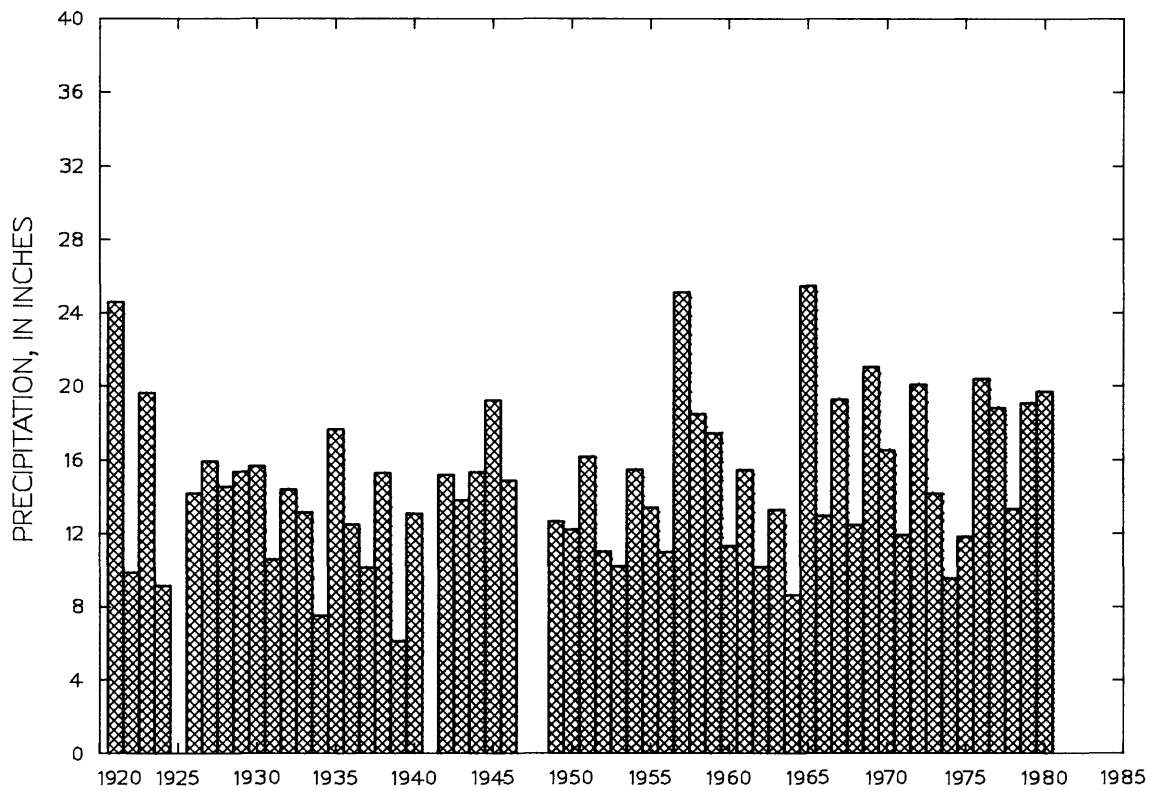


Figure 4.--Annual precipitation for station 1778,  
Colorado Springs WSO AP.

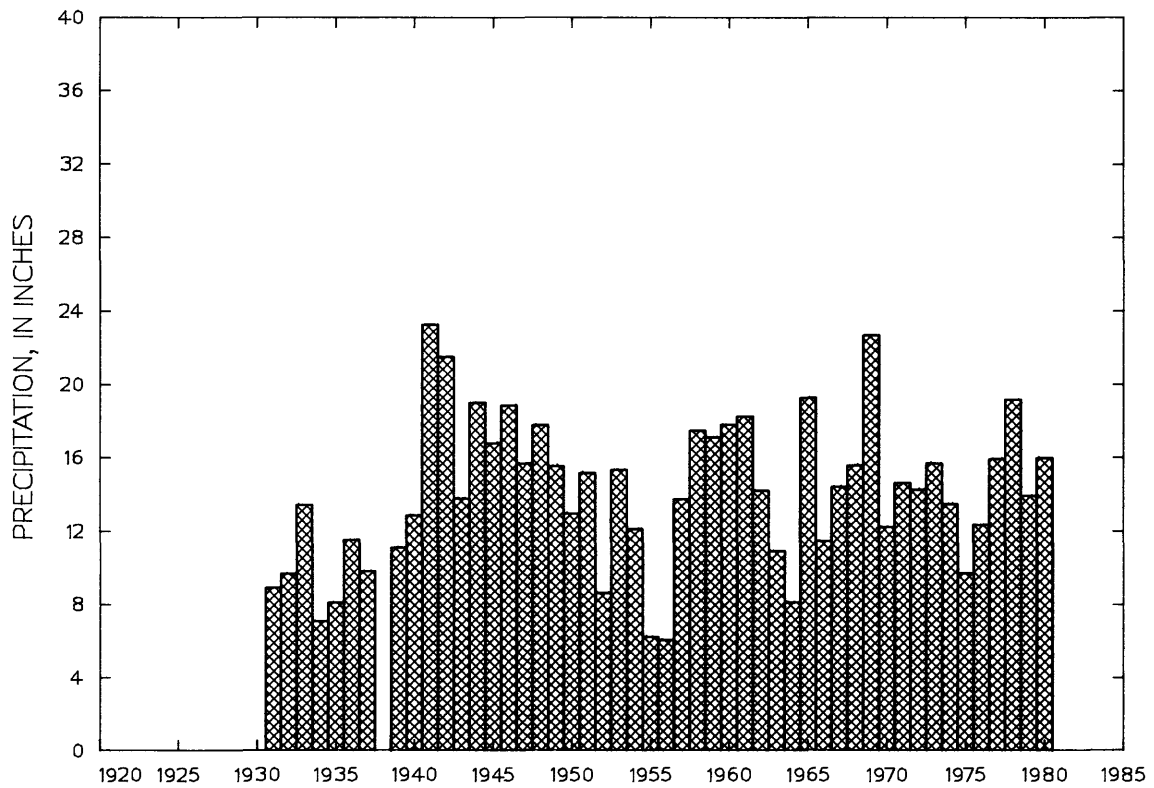


Figure 5.--Annual precipitation for station 2446, Eads.

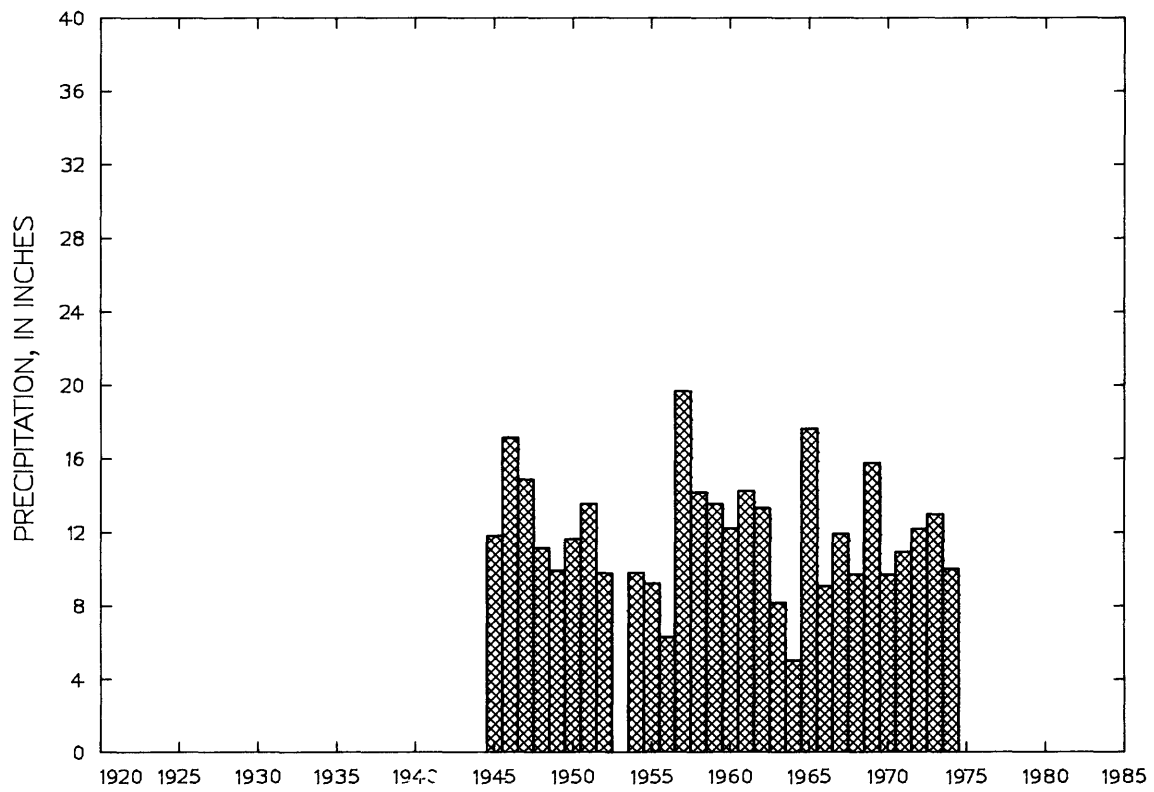


Figure 6.--Annual precipitation for station 2997, Forder 8S.

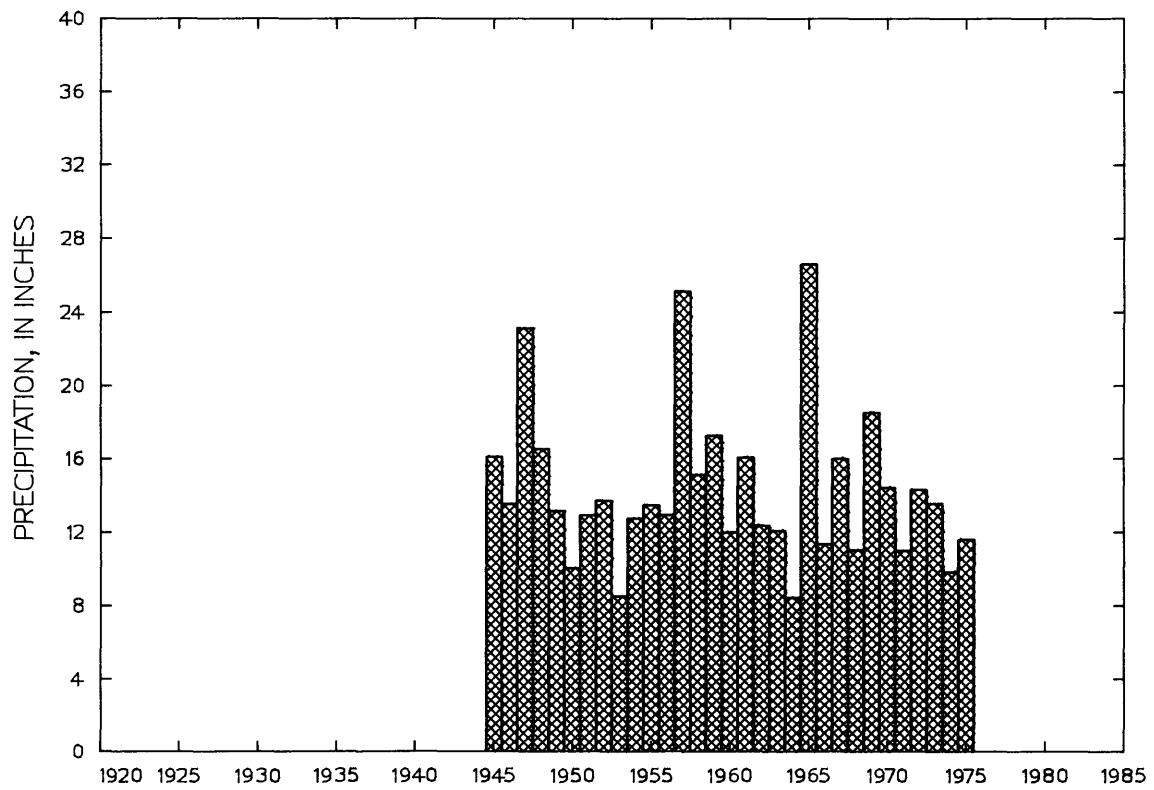


Figure 7.--Annual precipitation for station 3063, Fountain (2NW) (1N).

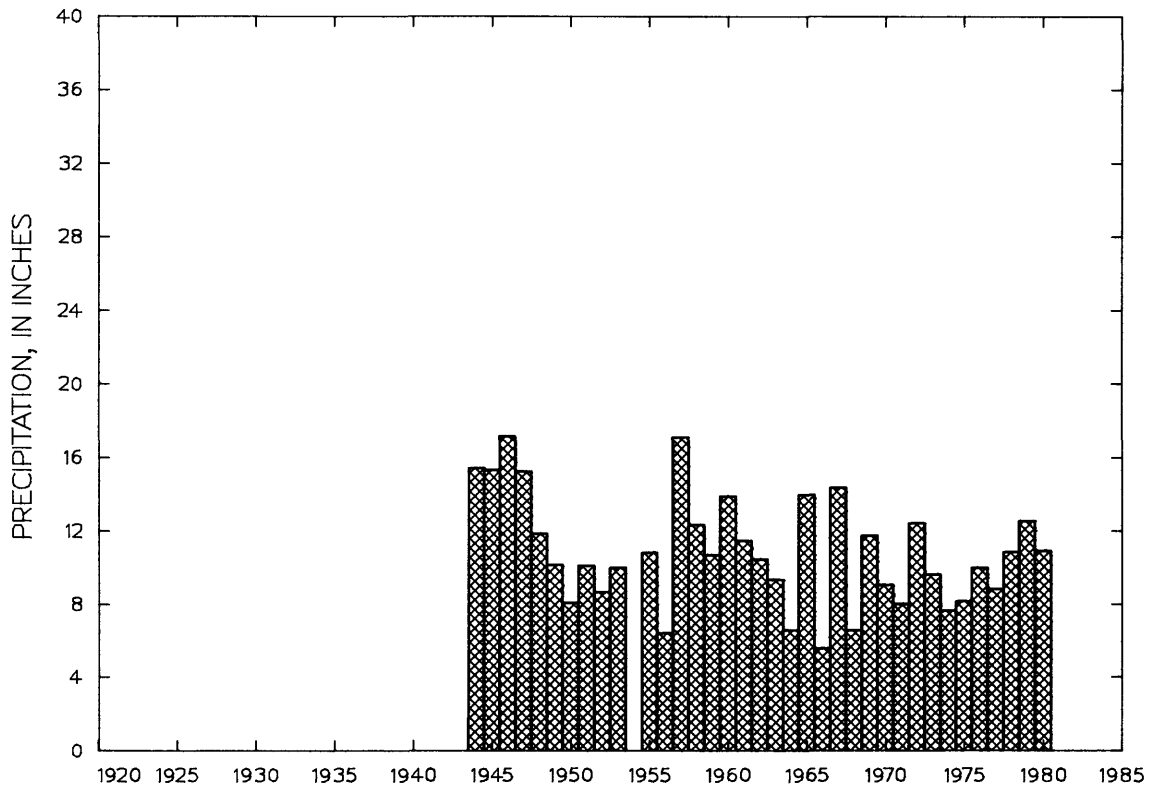


Figure 8.--Annual precipitation for station 3079, Fowler 1SE.

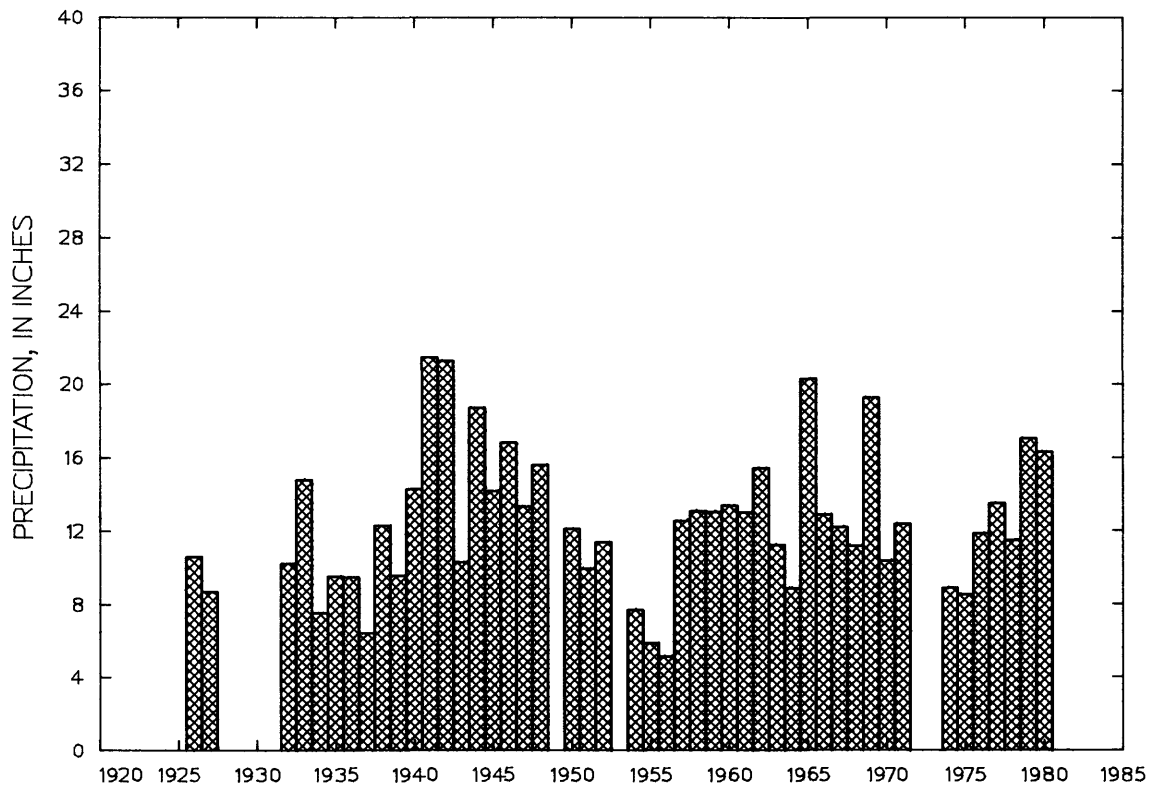


Figure 9.--Annual precipitation for station 3828, Haswell.

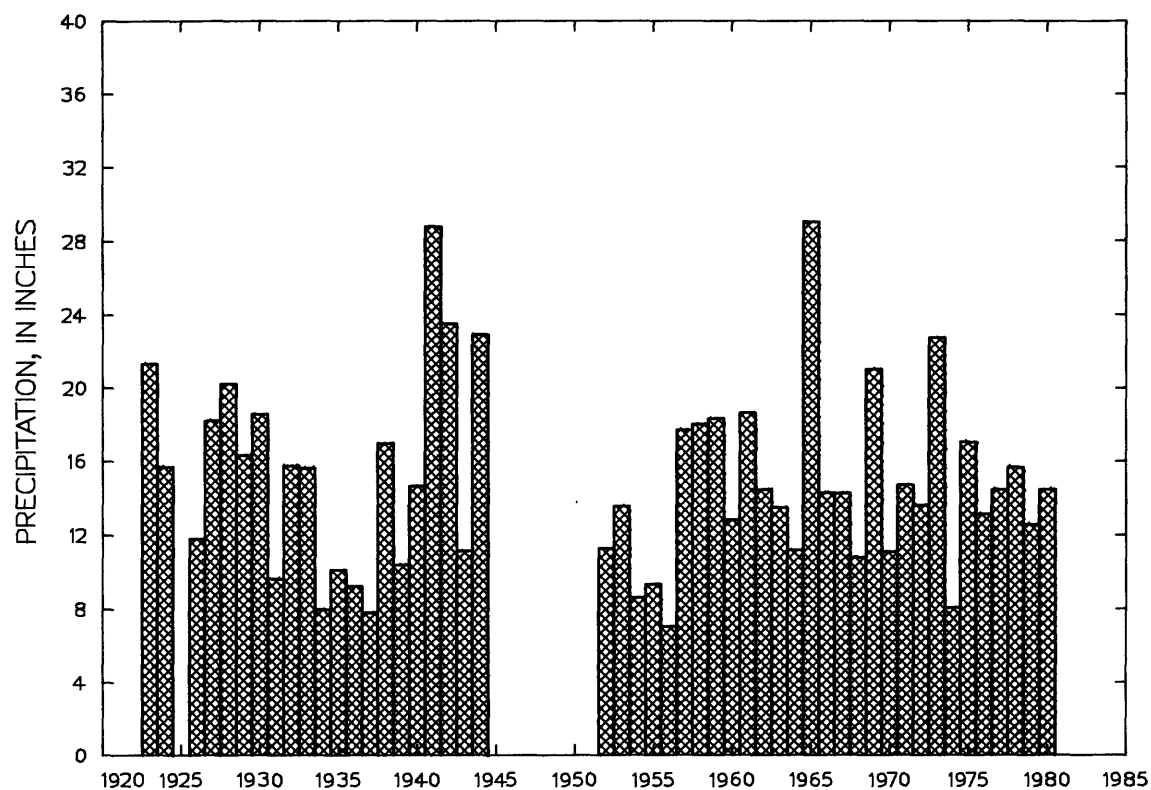


Figure 10.--Annual precipitation for station 4076, Holly.

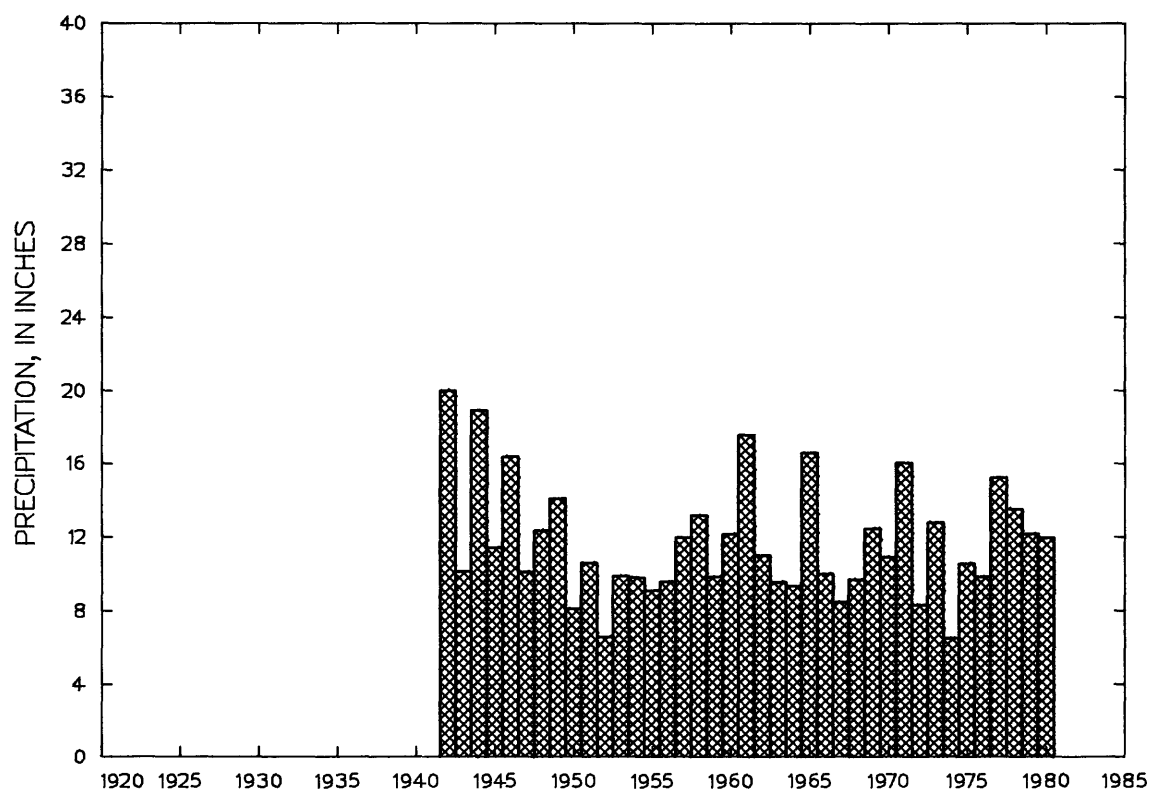


Figure 11.--Annual precipitation for station 4388, John Martin Dam.

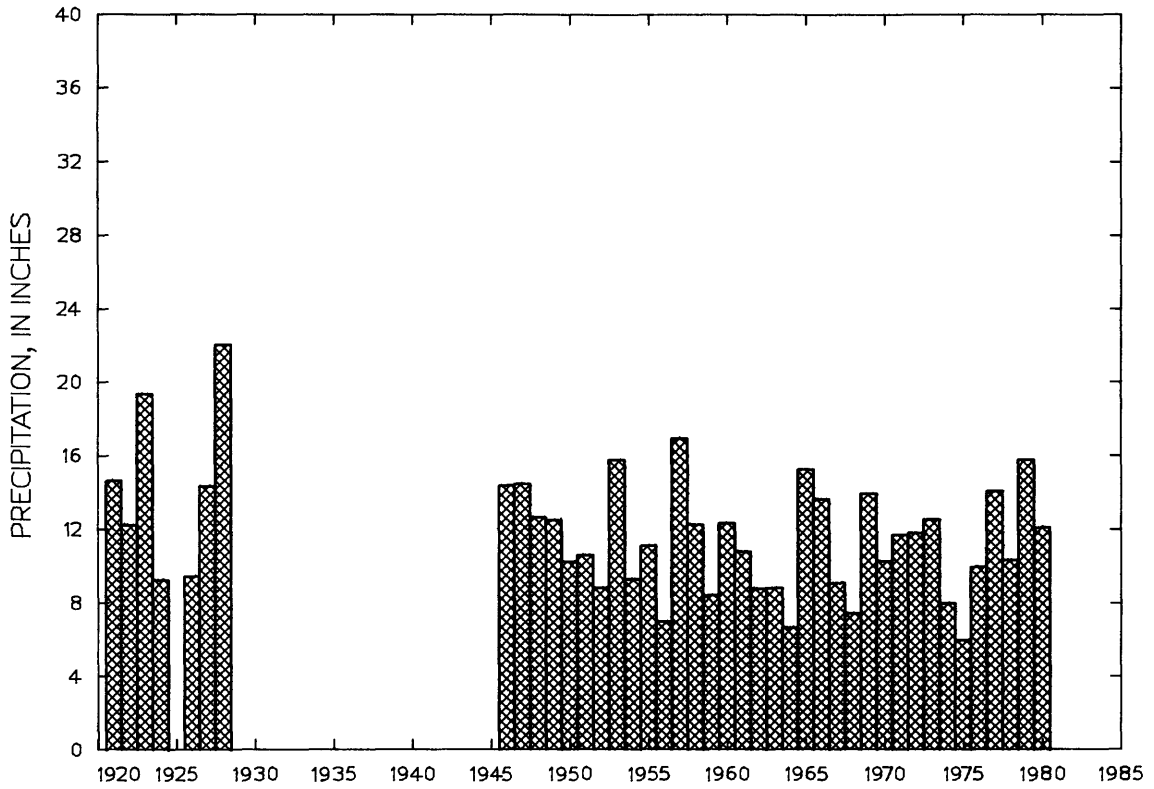


Figure 12.--Annual precipitation for station 4720, La Junta FAA AP.

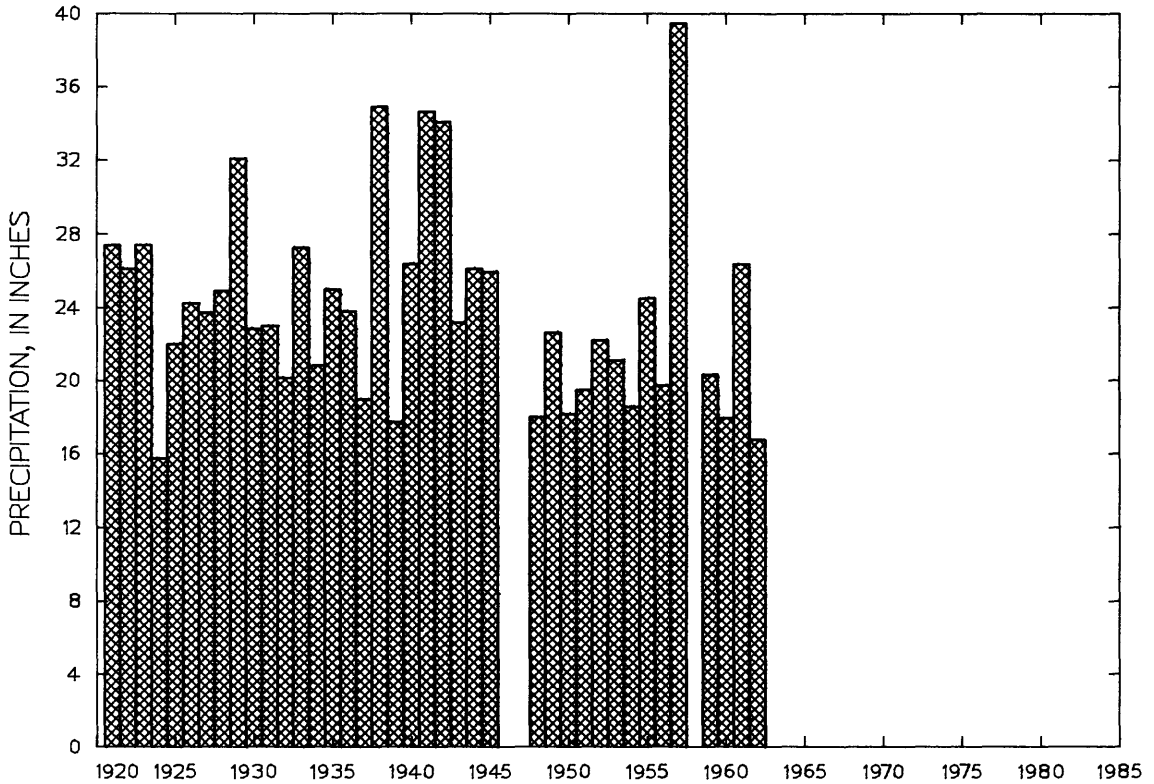


Figure 13.--Annual precipitation for station 4750, Lake Moraine.



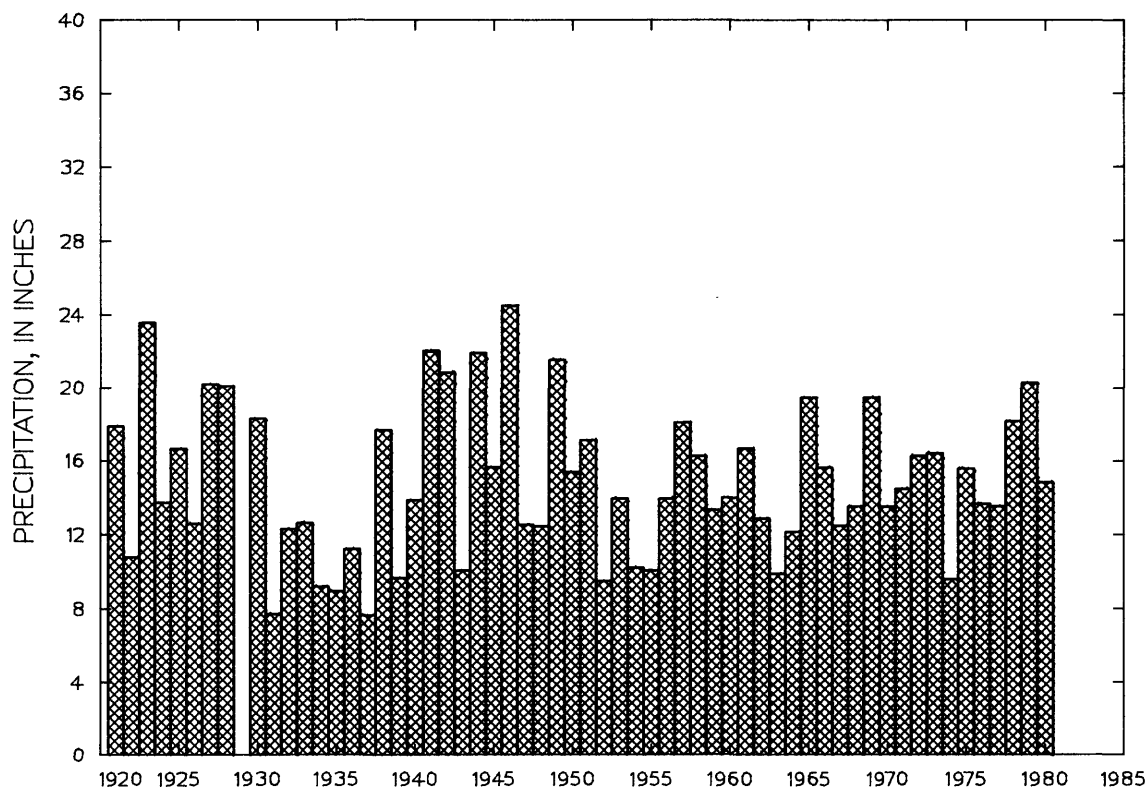


Figure 14.--Annual precipitation for station 4770, Lamar.

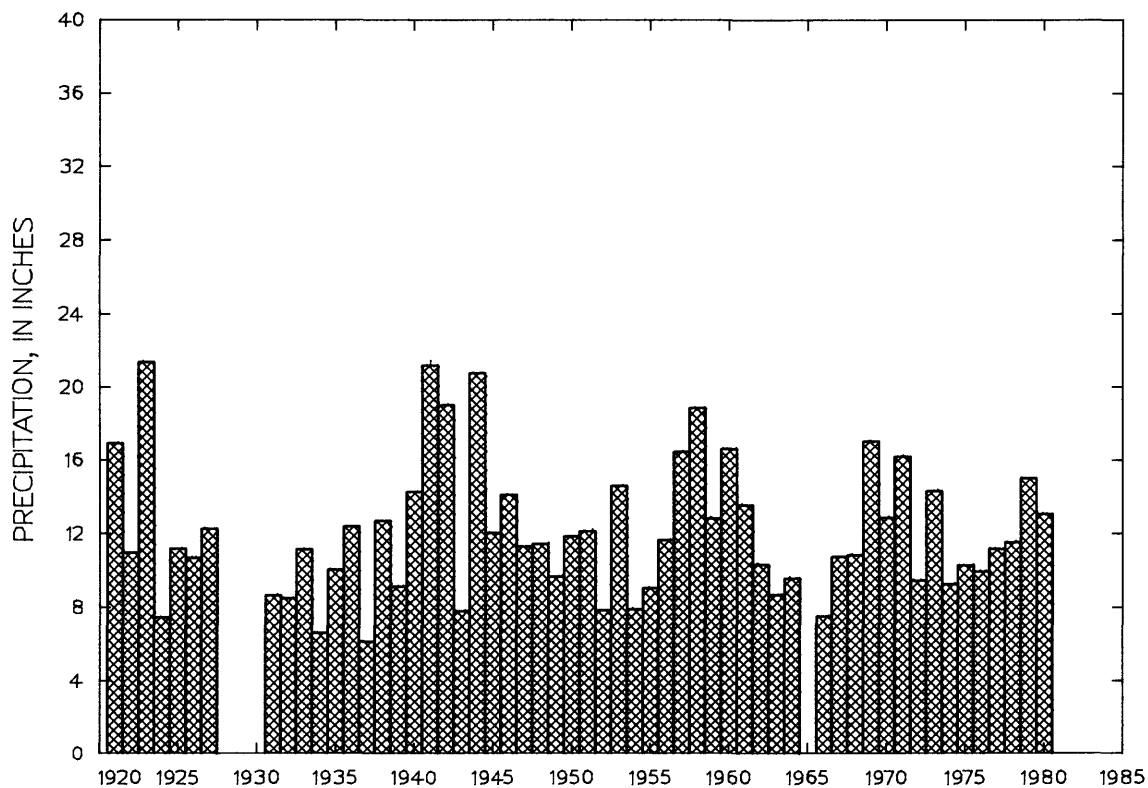


Figure 15.--Annual precipitation for station 4834, Las Animas (1N).

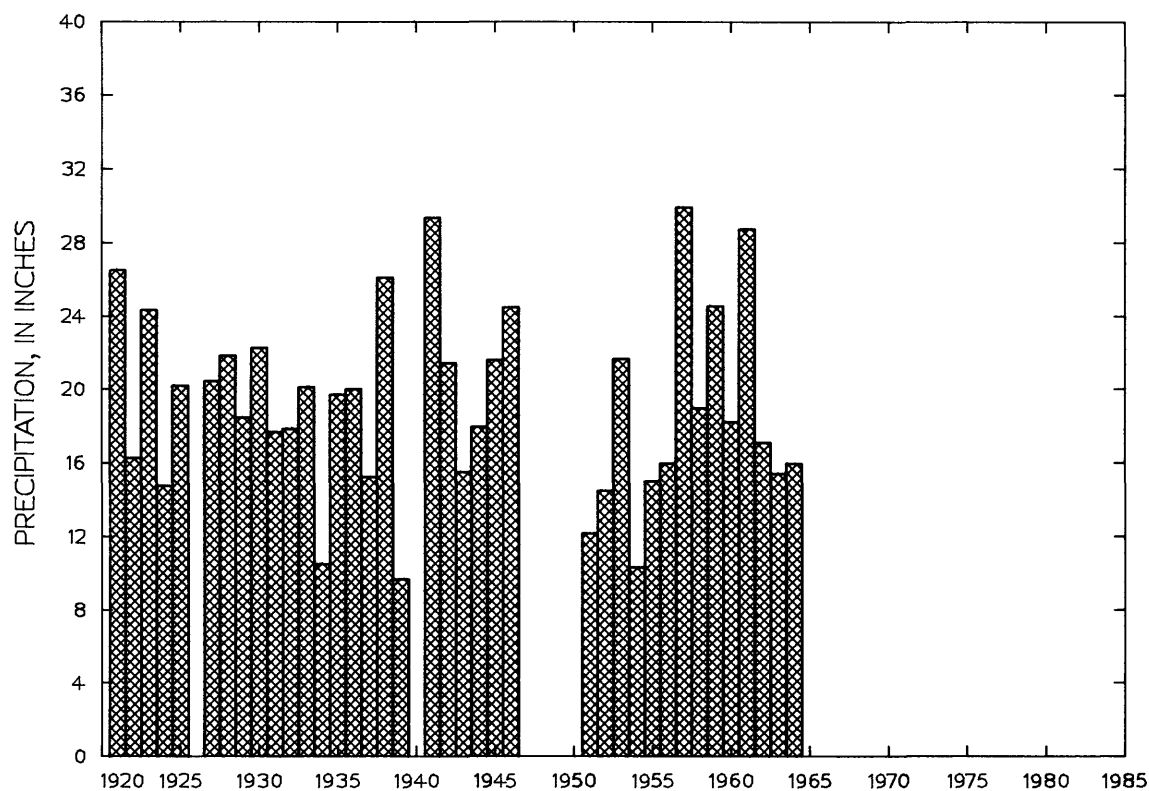


Figure 16.--Annual precipitation for station 5730, Monument 2WSW.

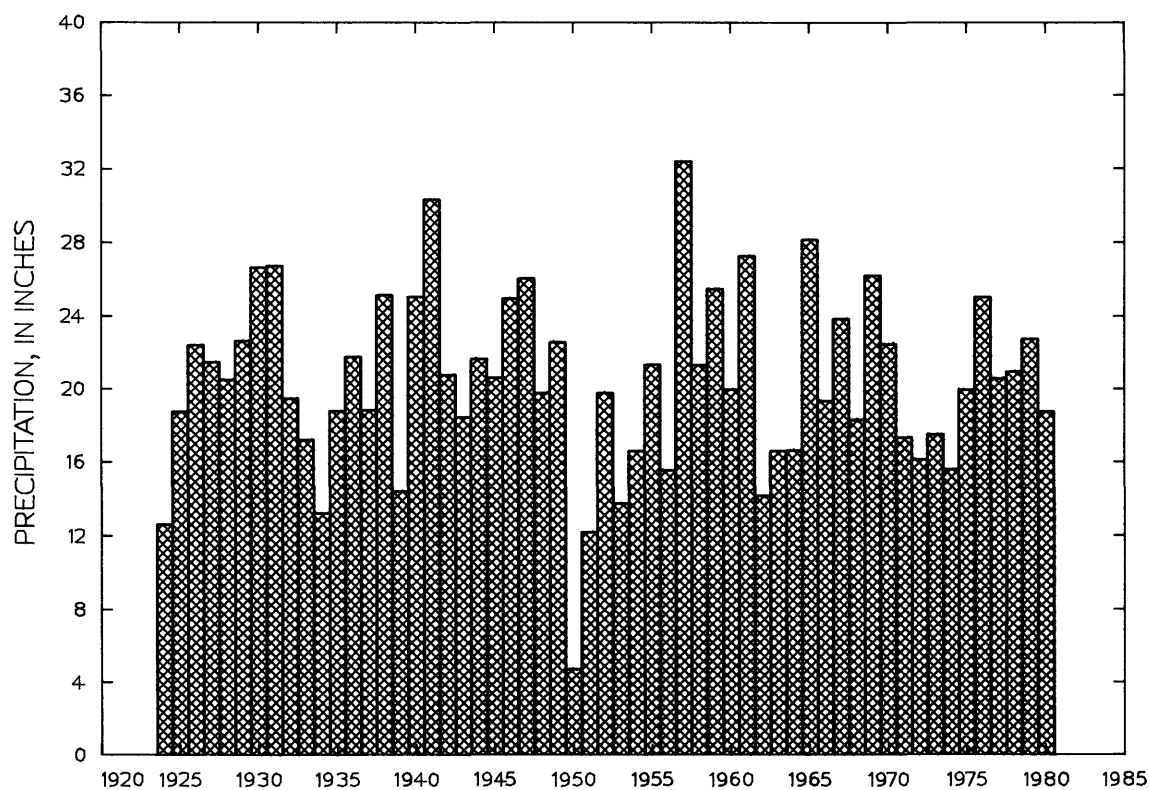


Figure 17.--Annual precipitation for station 5990, North Lake.

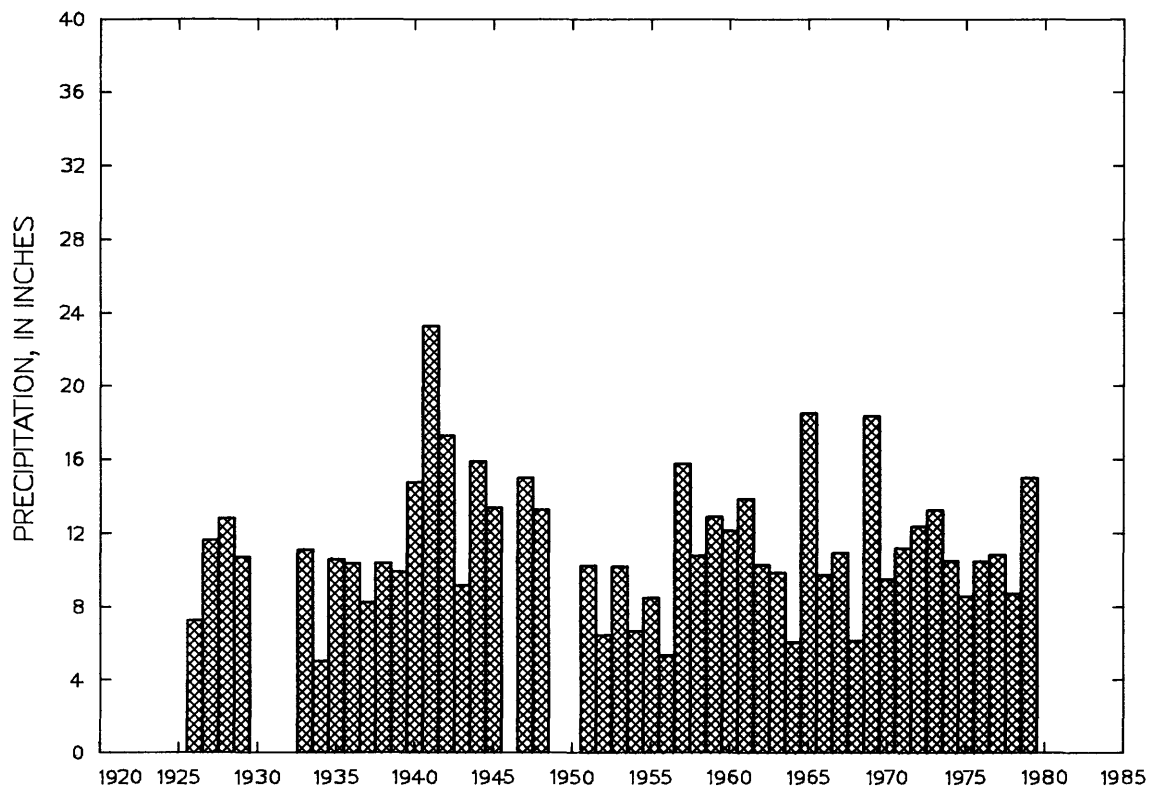


Figure 18.--Annual precipitation for station 6131, Ordway 2ENE.

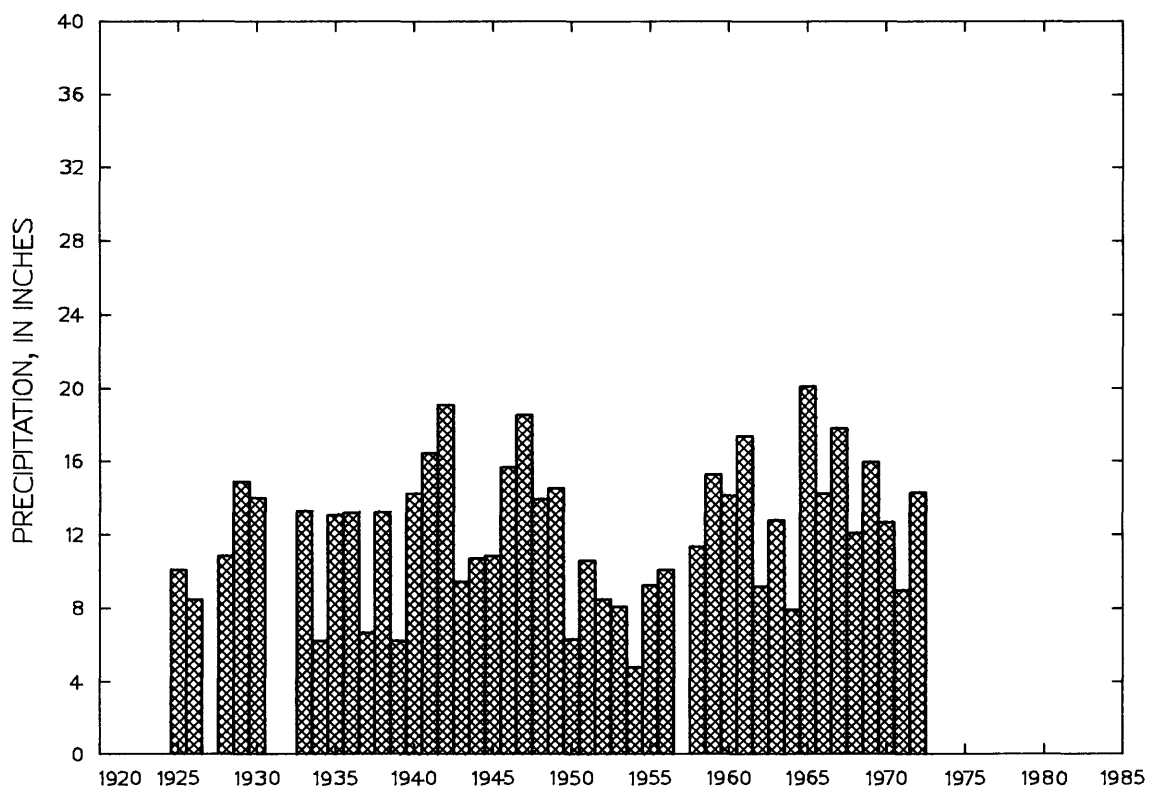


Figure 19.--Annual precipitation for station 6410, Penrose (3NW).

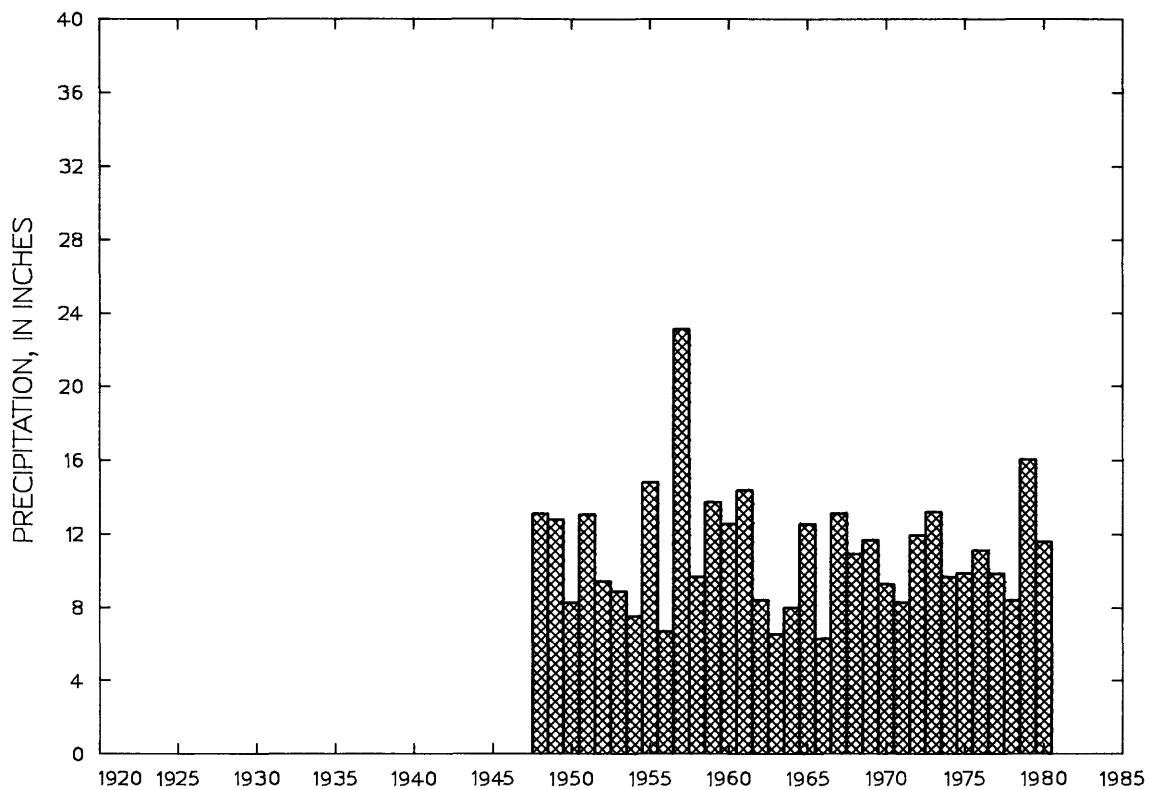


Figure 20.--Annual precipitation for station 6740, Pueblo WSO AP.

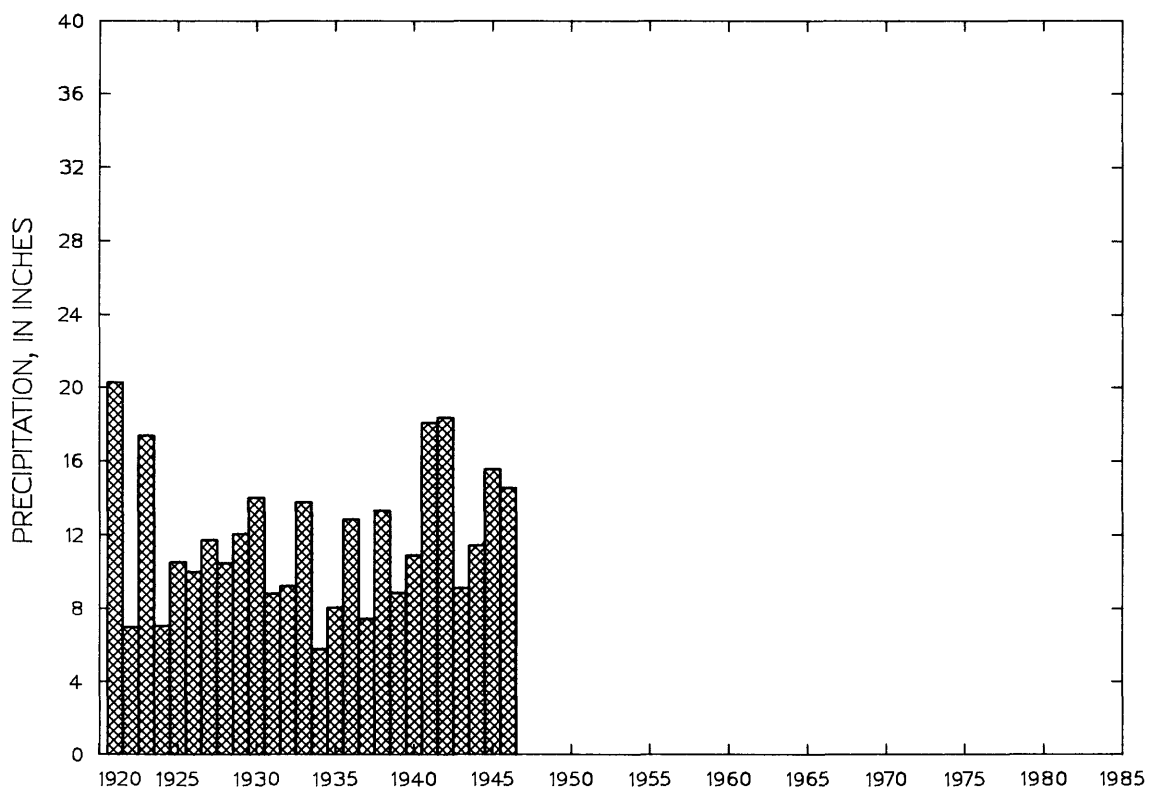


Figure 21.--Annual precipitation for station 6741, Pueblo.

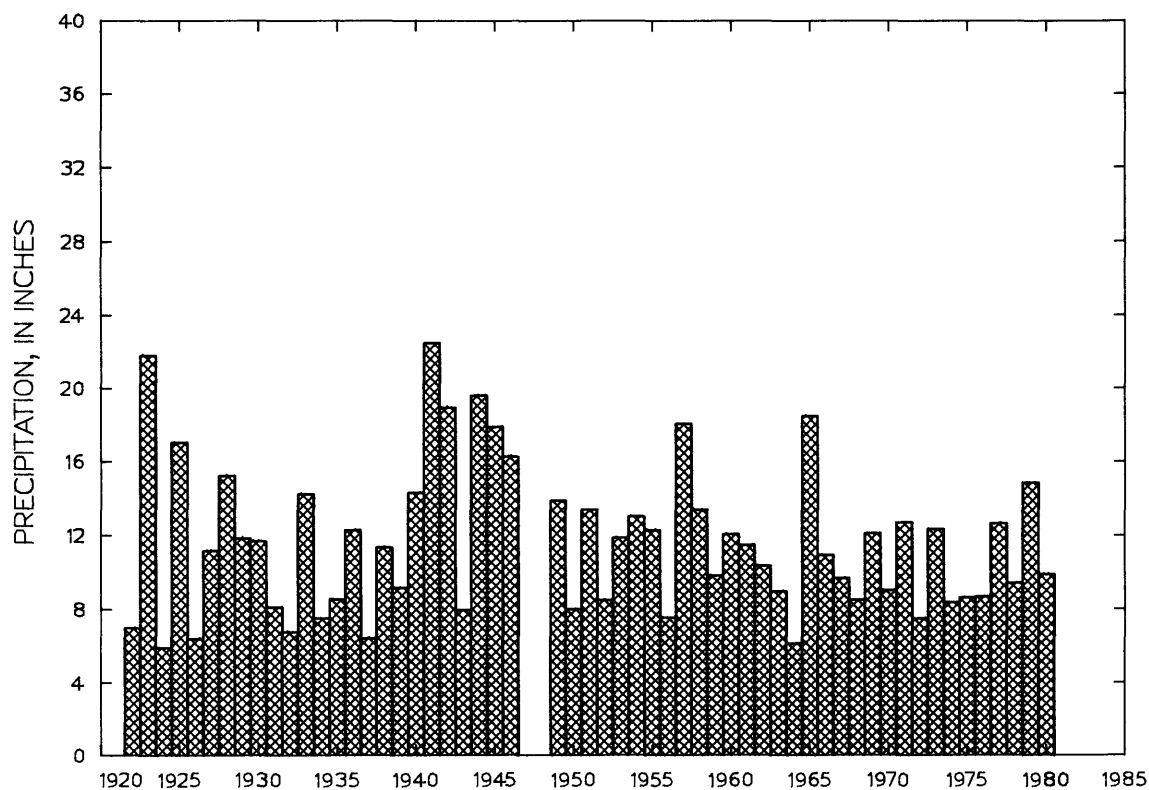


Figure 22.--Annual precipitation for station 7167, Rocky Ford 2SE.

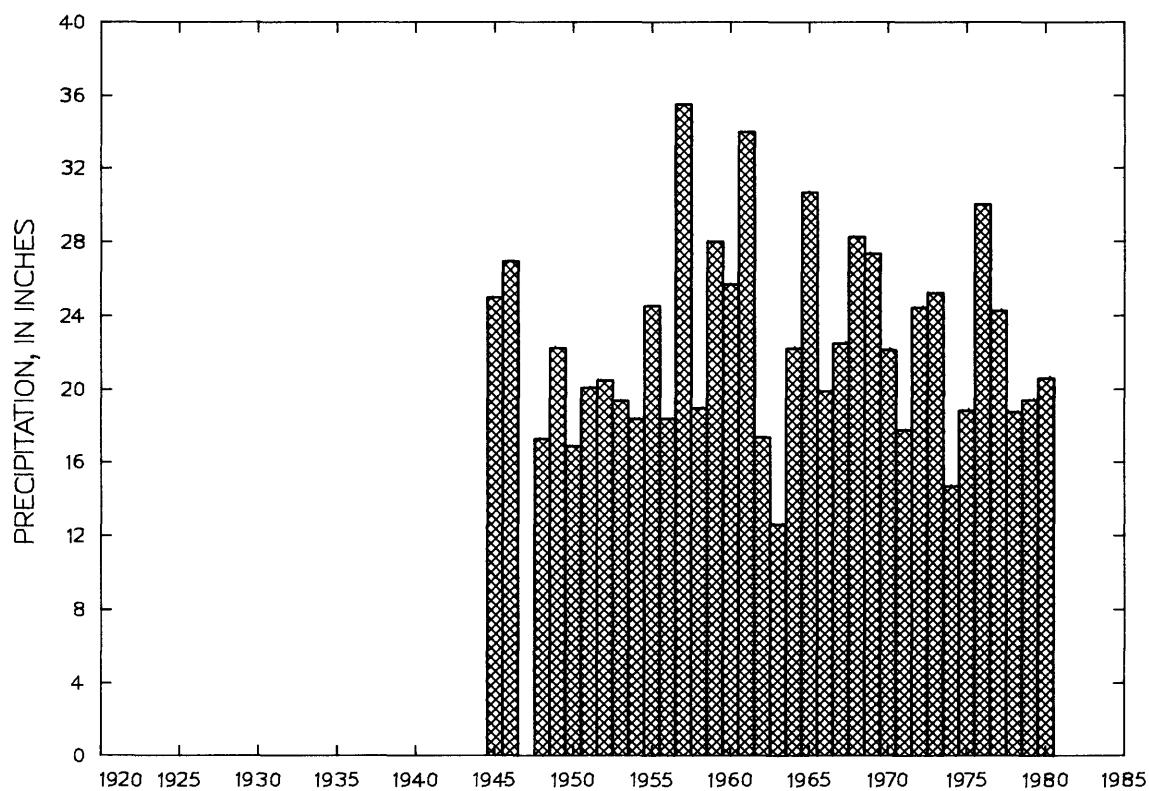


Figure 23.--Annual precipitation for station 7315, Rye.

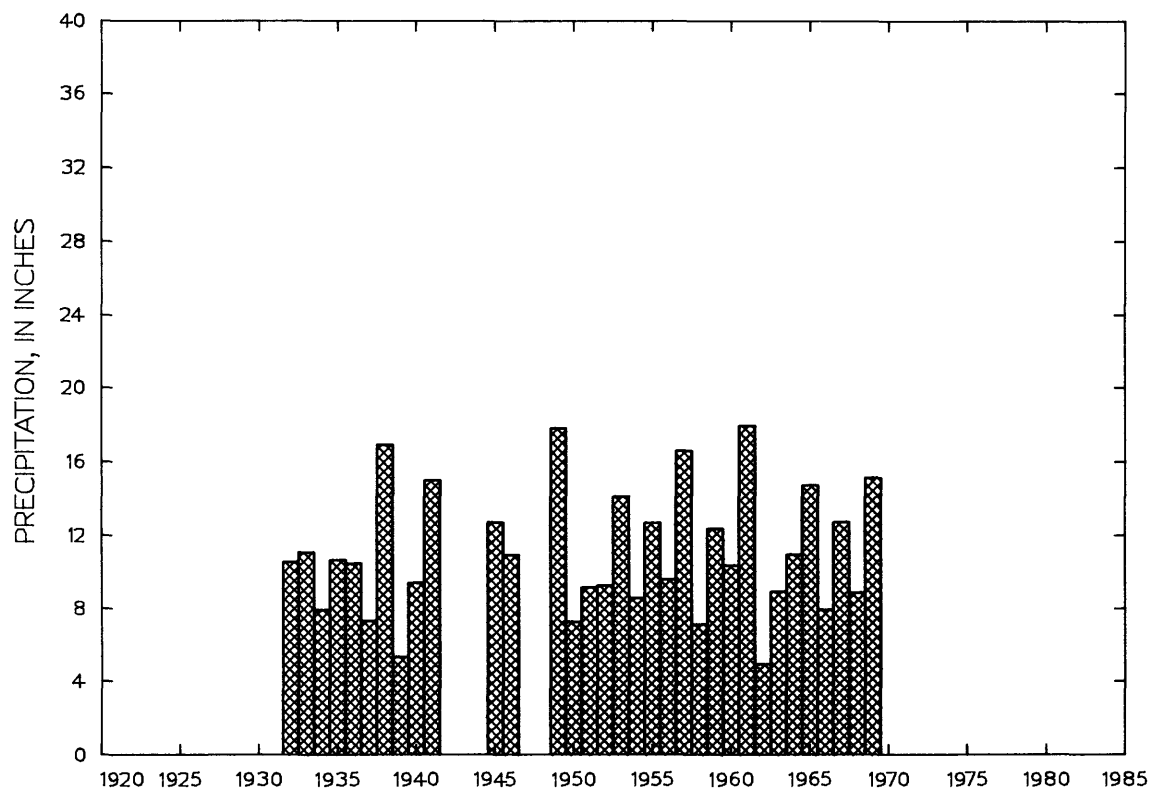


Figure 24.--Annual precipitation for station 7370, Salida.

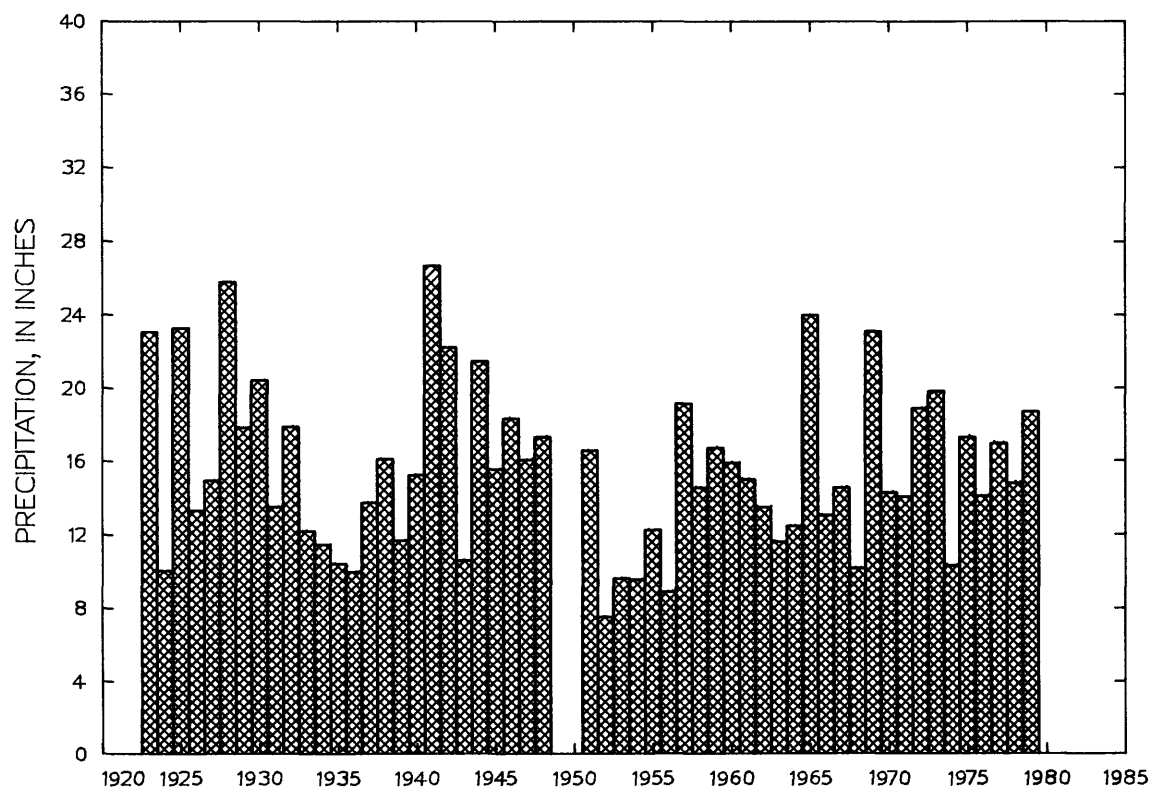


Figure 25.--Annual precipitation for station 7862, Springfield.

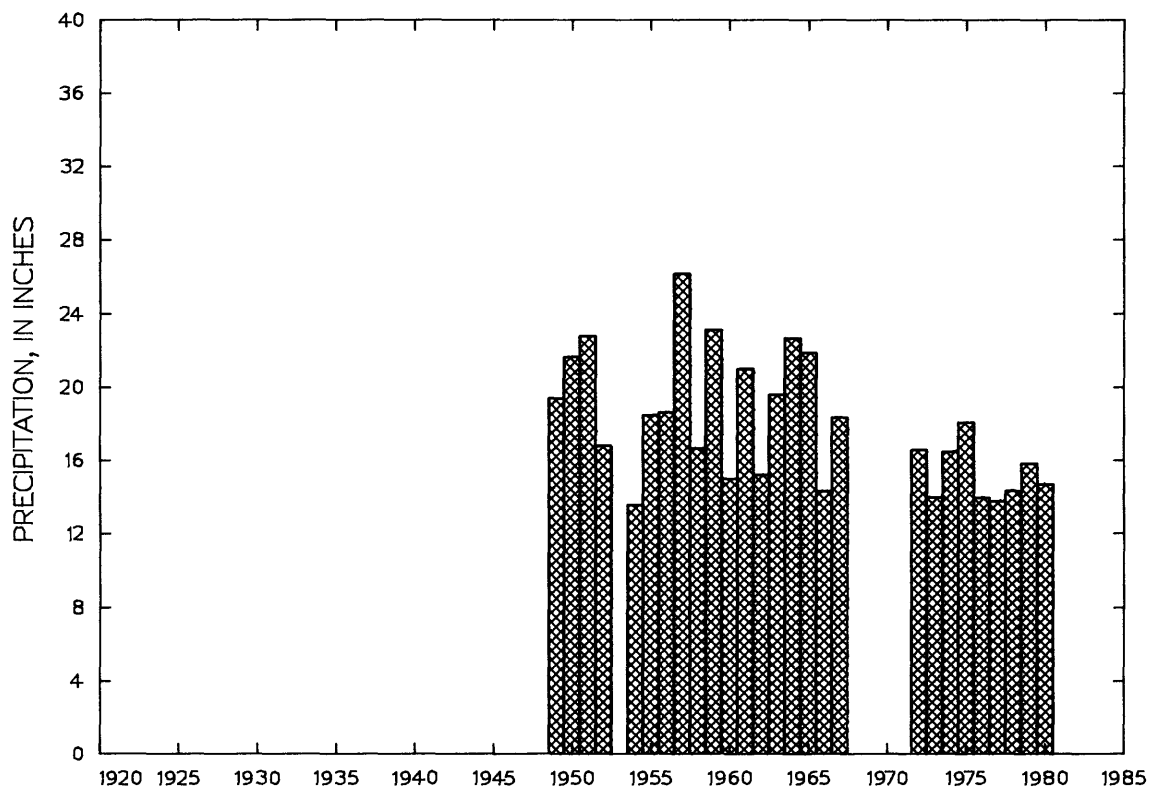


Figure 26.--Annual precipitation for station 8064, Sugarloaf Reservoir (1ESE).

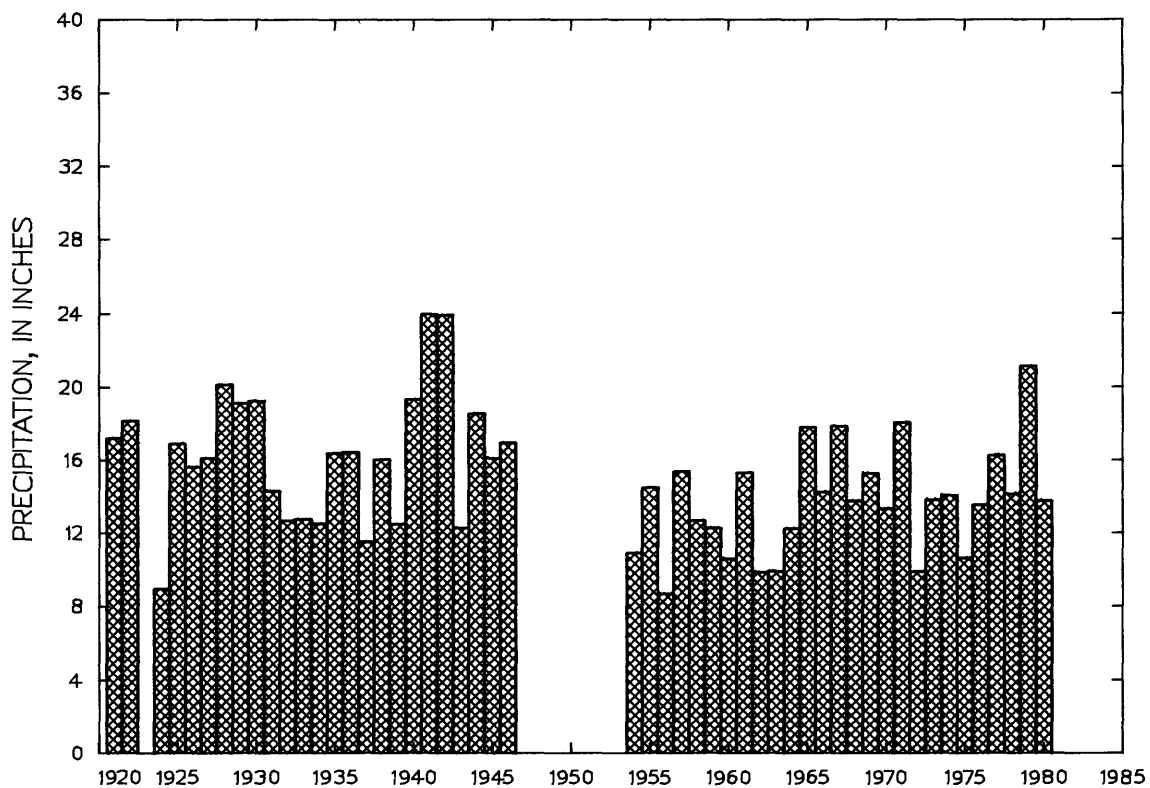


Figure 27.--Annual precipitation for station 8429, Trinidad.

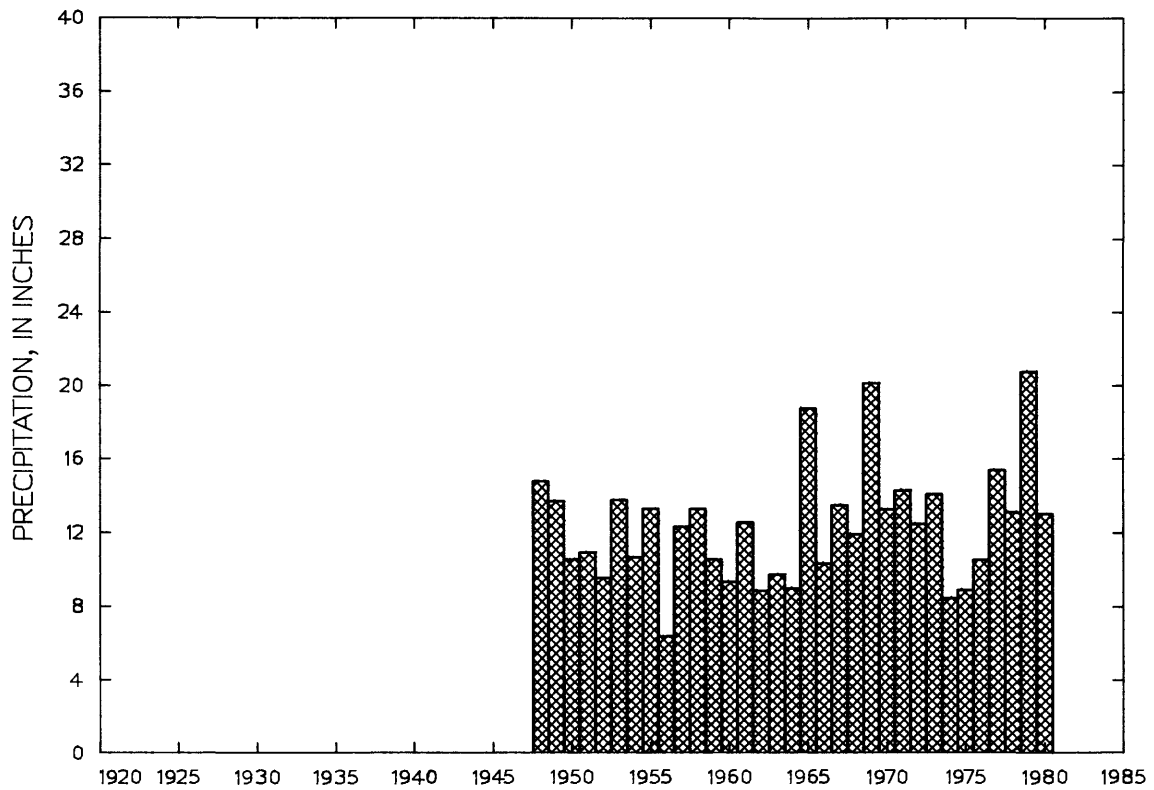


Figure 28.--Annual precipitation for station 8434,  
Trinidad FAA AP (Hoehne).

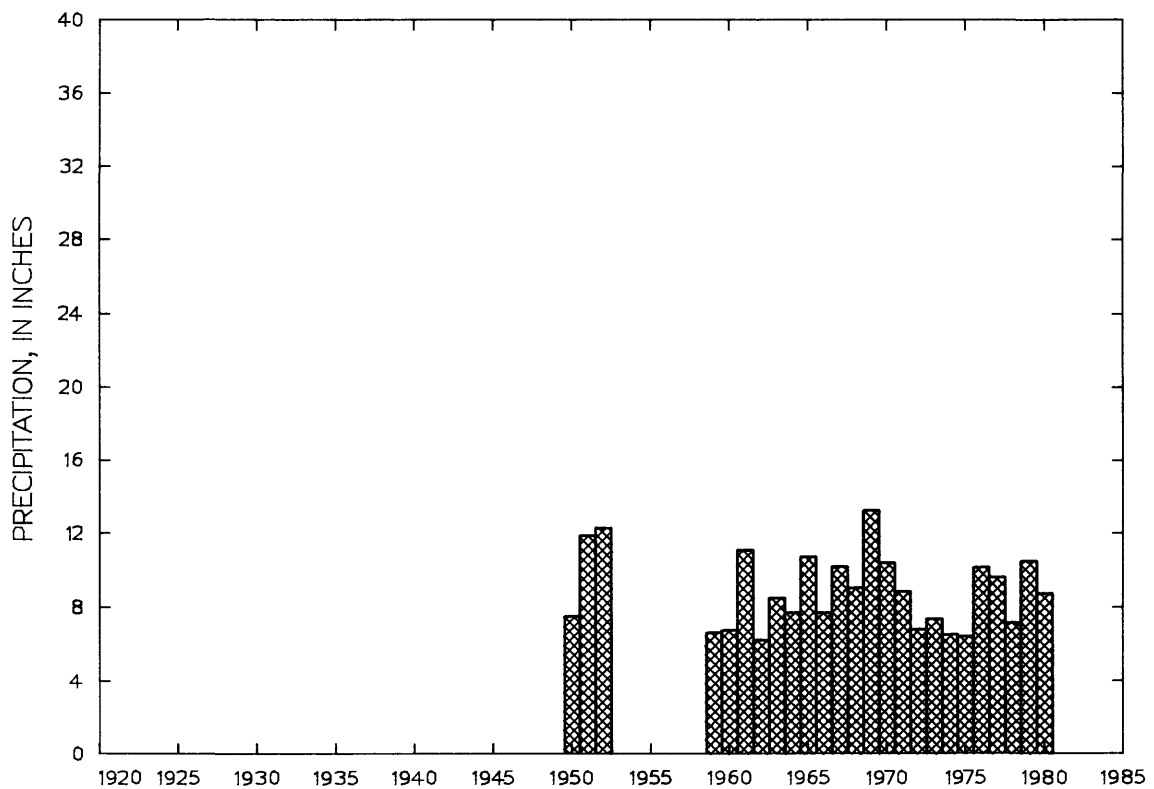


Figure 29.--Annual precipitation for station 8501,  
Twin Lakes Reservoir.



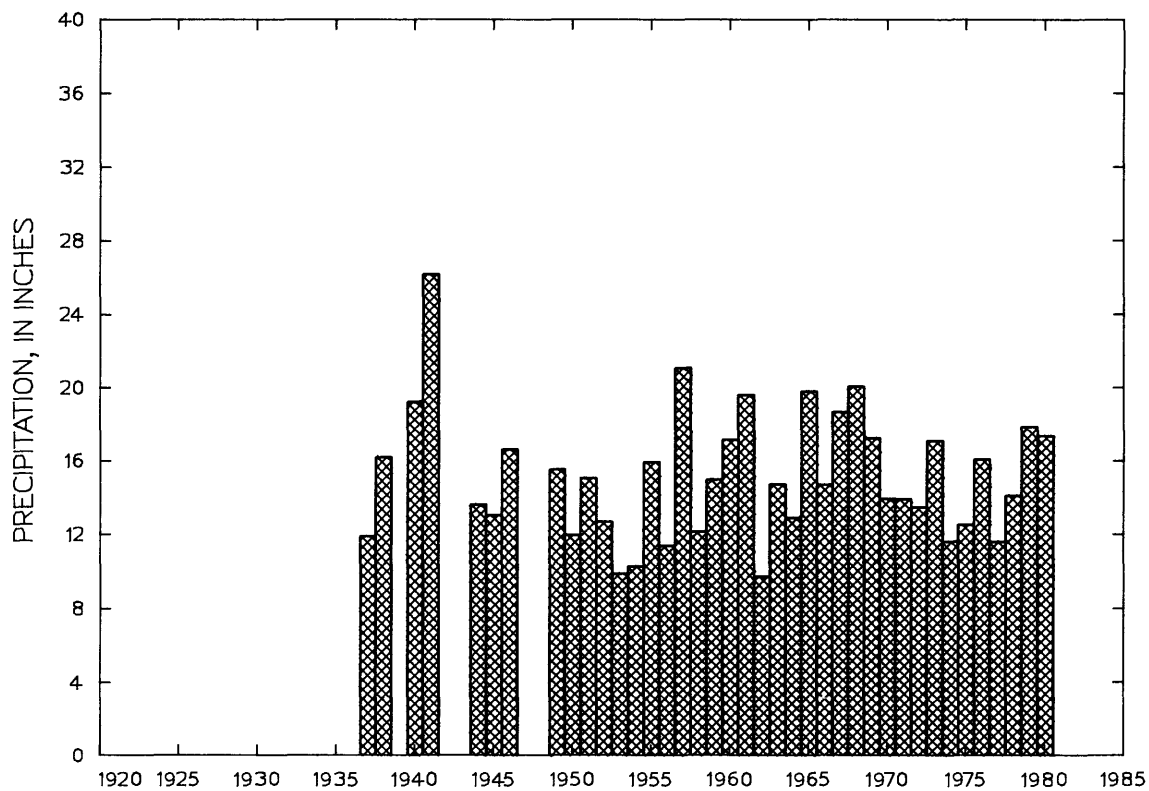


Figure 30.--Annual precipitation for station 8781, Walsenburg (powerplant).

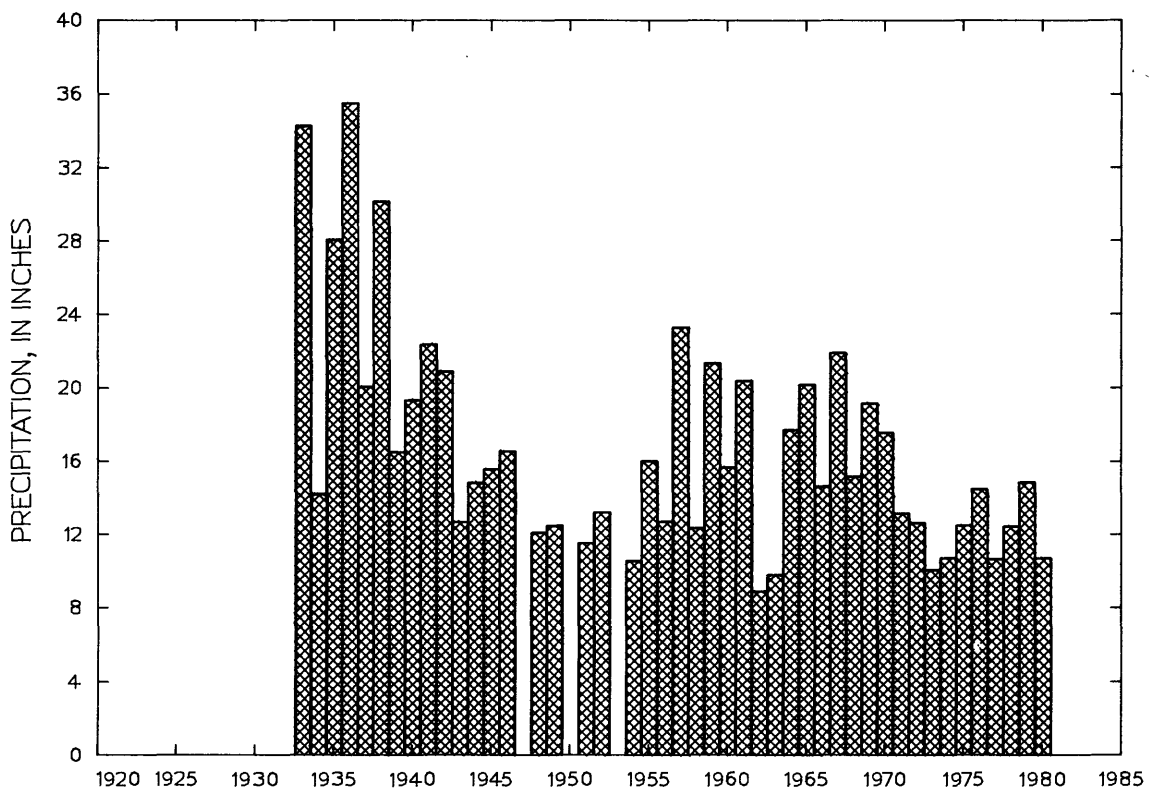


Figure 31.--Annual precipitation for station 8931, Westcliffe.

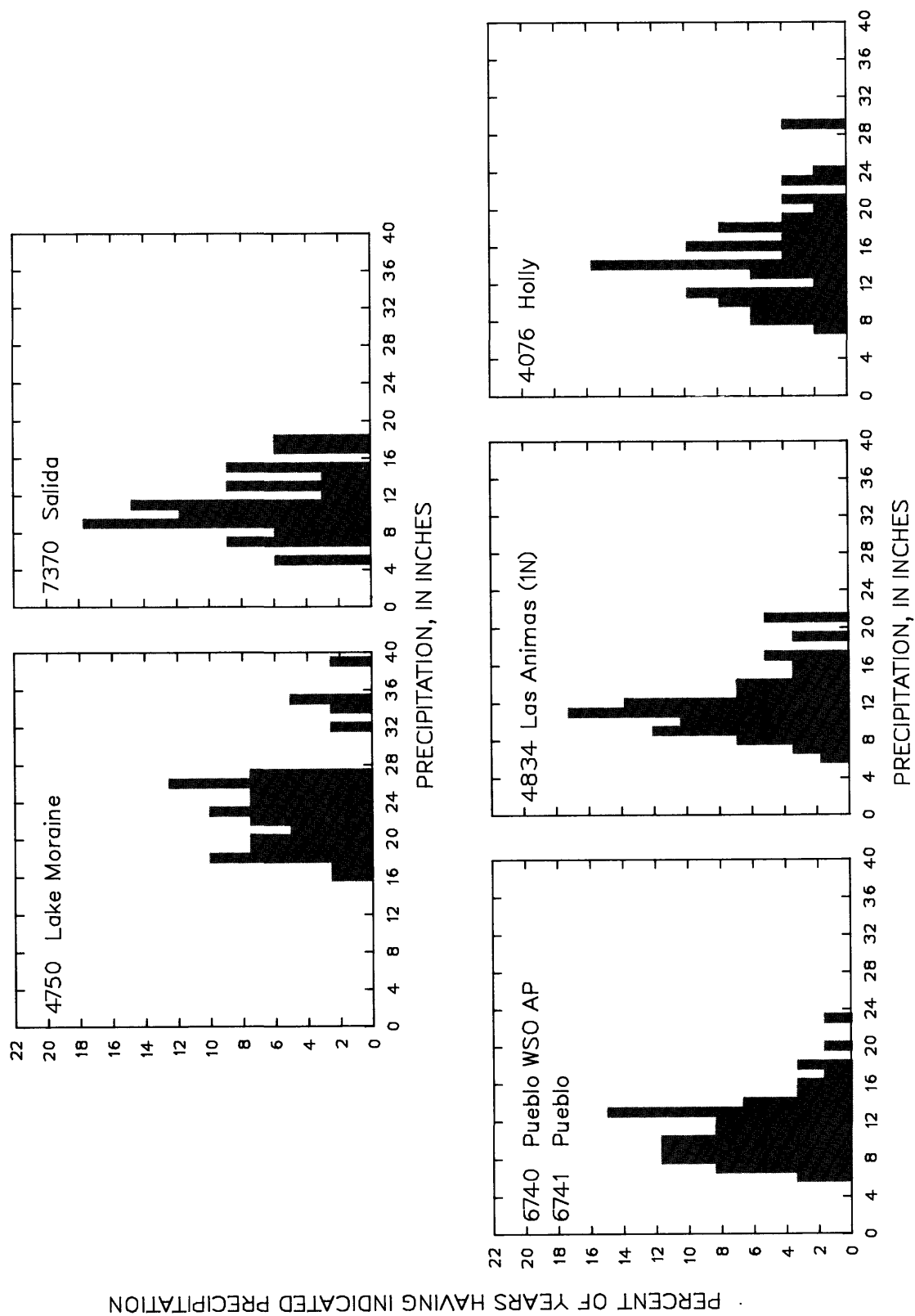


Figure 32.--Frequency distribution of annual precipitation for five selected stations.

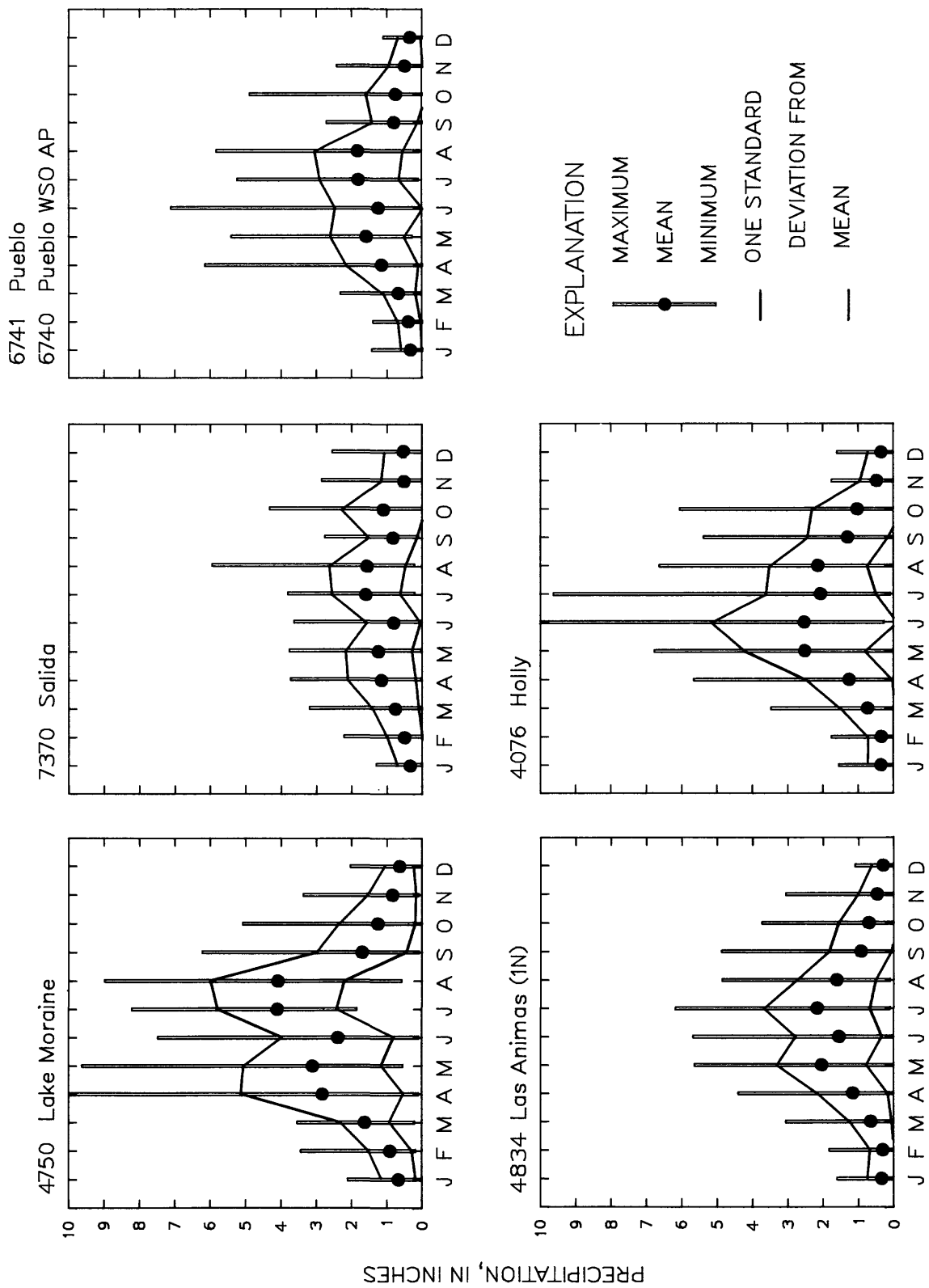


Figure 33.--Distribution of monthly precipitation for five selected stations.

Correlations of monthly and annual mean precipitation between every combination of pairs of the 30 stations were computed. The best interstation correlation coefficient for the monthly data was 0.85. About 3 percent of those correlations was greater than 0.80, 17 percent was greater than 0.70, and 30 percent was greater than 0.60. The highest interstation correlation for the annual values was 0.84. Less than 1 percent of those correlations was greater than 0.80; 11 percent was greater than 0.70; and 18 percent was greater than 0.60. Selected classes of interstation correlation of monthly precipitation for every pair of stations is presented in the tables in the "Supplemental Information" section at the end of the report. Correlation of monthly and annual mean precipitation between stations seemed to be related to geographical distance. In general, the closer the stations, the higher their interstation correlation. However, the stations are too far apart to develop useful distance-correlation relations.

A statistical test (Kendall Tau) was computed for each of the 30 stations to identify possible time trends in the annual precipitation. The test indicated that two stations, 8064 (Sugarloaf Reservoir 1ESE) and 8931 (Westcliffe) had downward trends statistically different from zero at the 1-percent significance level. The data for station 8931 (fig. 31) are suspect, although the station history gives no evidence to support such claim. The hydrograph for station 8064 (fig. 26) does seem to indicate a trend. Two factors can be cited to discount any real trend: (1) The record length is one of the shortest; and (2) the unfortunate timing of missing records around 1970, especially 1969, when nearby stations had above-average precipitation.

### Snowpack

The moisture content in snowfall is included in recorded precipitation data. Snowpack, however, represents the accumulation of snowfall minus losses from melting and evaporation. Snowpack, as used in this report, measures the amount of water being held in storage as snow for potential runoff. Snow-survey courses, where snowpack data have been collected, were selected based on length of record and geographic location. The 18 snow-survey courses chosen are shown on plate 1 and listed in table 3. The period of record and mean April 1 snowpack at each site are shown in table 4. Hydrographs of the April 1 measurements of snowpack for these 18 stations are shown in figures 34 to 51. Tables of all the monthly measurements are presented in the "Supplemental Information" section (tables 43-60) at the end of the report.

Similar to the precipitation data for the mountainous areas, snowpack is dominated by orographic effects. A plot of the elevation and mean April 1 snowpack for the 18 snow-survey courses is shown in figure 52. Although considerable scatter occurs about the regression line (some of which might be explained by geographic location), and although different periods of record are used to compute the means, the regression analysis indicates that, in general, the mean April 1 snowpack increases one-half in. for every 100-ft increase in elevation. Though not shown in figure 52, the intercept of the regression line occurs at about 8,140 ft. This would be the lowest elevation, on the average, at which one would expect snow accumulation on April 1.

Table 3.--Selected snow-survey courses

| Num-<br>ber | Name                   | Location |           |               |       |              | Eleva-<br>tion<br>(feet) |
|-------------|------------------------|----------|-----------|---------------|-------|--------------|--------------------------|
|             |                        | Latitude | Longitude | Town-<br>ship | Range | Sec-<br>tion |                          |
| 5M07S       | Apishapa-----          | 37°20'   | 105°04'   | 31            | 69    | 23           | 10,000                   |
| 5L03        | Bigelow Divide-----    | 38°03'   | 105°07'   | 22            | 69    | 29           | 9,350                    |
| 5M06        | Blue Lakes-----        | 37°20'   | 105°07'   | 31            | 69    | 21           | 9,300                    |
| 5M05        | Bourbon-----           | 37°12'   | 105°08'   | --            | --    | --           | 9,700                    |
| 5M12        | Cucharas Creek-----    | 37°19'   | 105°05'   | 31            | 69    | 22           | 9,700                    |
| 6K17        | East Fork-----         | 39°20'   | 106°12'   | 08            | 79    | 16           | 10,700                   |
| 6K07        | Four Mile Park-----    | 39°04'   | 106°28'   | 11            | 81    | 27           | 9,700                    |
| 6K08        | Fremont Pass-----      | 39°22'   | 106°12'   | 08            | 79    | 02           | 11,400                   |
| 6L08        | Garfield-----          | 38°32'   | 106°16'   | 50            | 06    | 33           | 9,700                    |
| 5L04        | Hermit Lake-----       | 38°05'   | 105°36'   | 45            | 02    | 36           | 10,400                   |
| 6K04        | Independence Pass----- | 39°04'   | 106°37'   | 11            | 83    | 24           | 10,600                   |
| 5M1M        | La Veta-----           | 37°36'   | 105°13'   | 28            | 70    | 02           | 9,300                    |
| 6L04        | Monarch Pass-----      | 38°32'   | 106°19'   | 49            | 06    | 16           | 10,500                   |
| 6L3P        | Porphry Creek-----     | 38°29'   | 100°20'   | 49            | 06    | 19           | 10,700                   |
| 6K02        | Tennessee Pass-----    | 39°22'   | 106°20'   | 08            | 80    | 21           | 10,200                   |
| 6L12        | Trout Creek Pass-----  | 38°55'   | 106°02'   | 13            | 77    | 18           | 10,050                   |
| 6K03S       | Twin Lakes Tunnel----- | 39°04'   | 106°32'   | 11            | 82    | 22           | 10,100                   |
| 5L02        | Westcliffe-----        | 38°06'   | 105°36'   | 22            | 73    | 19           | 9,000                    |

Table 4.--Period of record and mean April 1 snowpack for selected snow-survey courses

[X=complete annual record; M=missing one or months in the annual record]

| Num-<br>ber | Name              | 1 | 1 | 1 | 1 | 1 | 1 | Mean     |
|-------------|-------------------|---|---|---|---|---|---|----------|
|             |                   | 9 | 9 | 9 | 9 | 9 | 9 |          |
|             |                   | 3 | 4 | 5 | 6 | 7 | 8 | (inches) |
|             |                   | 6 | 7 | 8 | 9 | 0 | 1 |          |
| 5M07S       | Apishapa-----     |   |   |   |   |   |   | 7.96     |
| 5L03        | Bigelow Divide--- |   |   |   |   |   |   | 7.16     |
| 5M06        | Blue Lakes-----   |   |   |   |   |   |   | 2.80     |
| 5M05        | Bourbon-----      |   |   |   |   |   |   | 7.47     |
| 5M12        | Cucharas Creek--- |   |   |   |   |   |   | 9.99     |
| 6K17        | East Fork-----    |   |   |   |   |   |   | 10.05    |
| 6K07        | Four Mile Park--- |   |   |   |   |   |   | 4.62     |
| 6K08        | Fremont Pass----- |   |   |   |   |   |   | 16.55    |
| 6L08        | Garfield-----     |   |   |   |   |   |   | 13.71    |
| 5L04        | Hermit Lake-----  |   |   |   |   |   |   | 9.18     |
| 6K04        | Independence Pass |   |   |   |   |   |   | 17.87    |
| 5M1M        | La Veta-----      |   |   |   |   |   |   | 8.40     |
| 6L04        | Monarch Pass----- |   |   |   |   |   |   | 17.88    |
| 6L3P        | Porphry Creek---  |   |   |   |   |   |   | 17.29    |
| 6K02        | Tennessee Pass--- |   |   |   |   |   |   | 10.22    |
| 6L12        | Trout Creek Pass- |   |   |   |   |   |   | 4.55     |
| 6K03S       | Twin Lakes Tunnel |   |   |   |   |   |   | 10.76    |
| 5L02        | Westcliffe-----   |   |   |   |   |   |   | 6.61     |

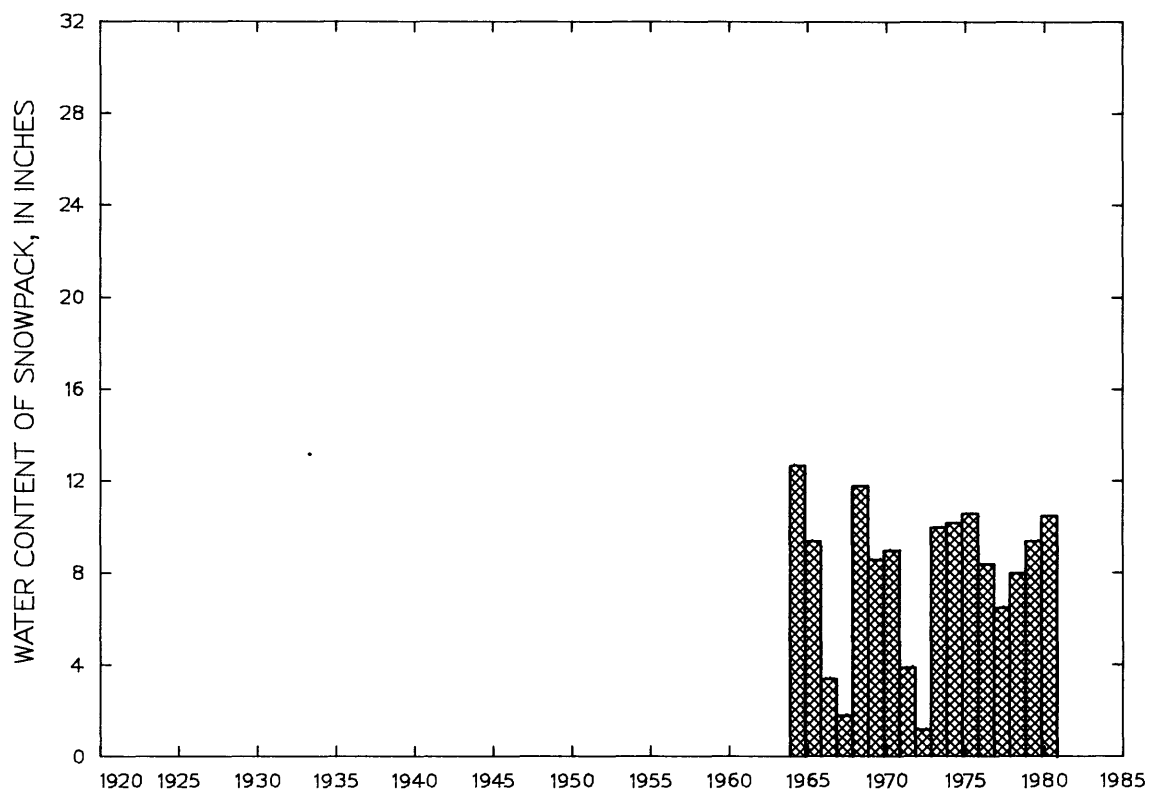


Figure 34.--April 1 snowpack for station 5M07S, Apishapa.

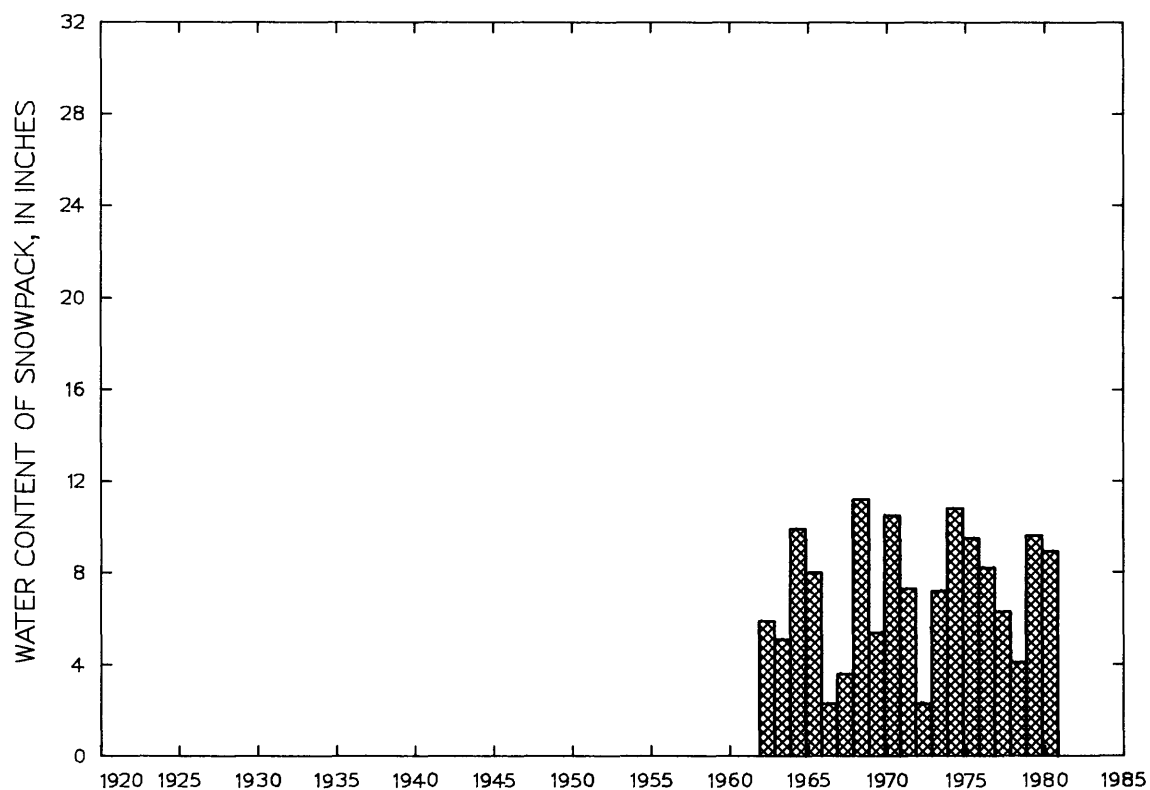


Figure 35.--April 1 snowpack for station 5L03, Bigelow Divide.

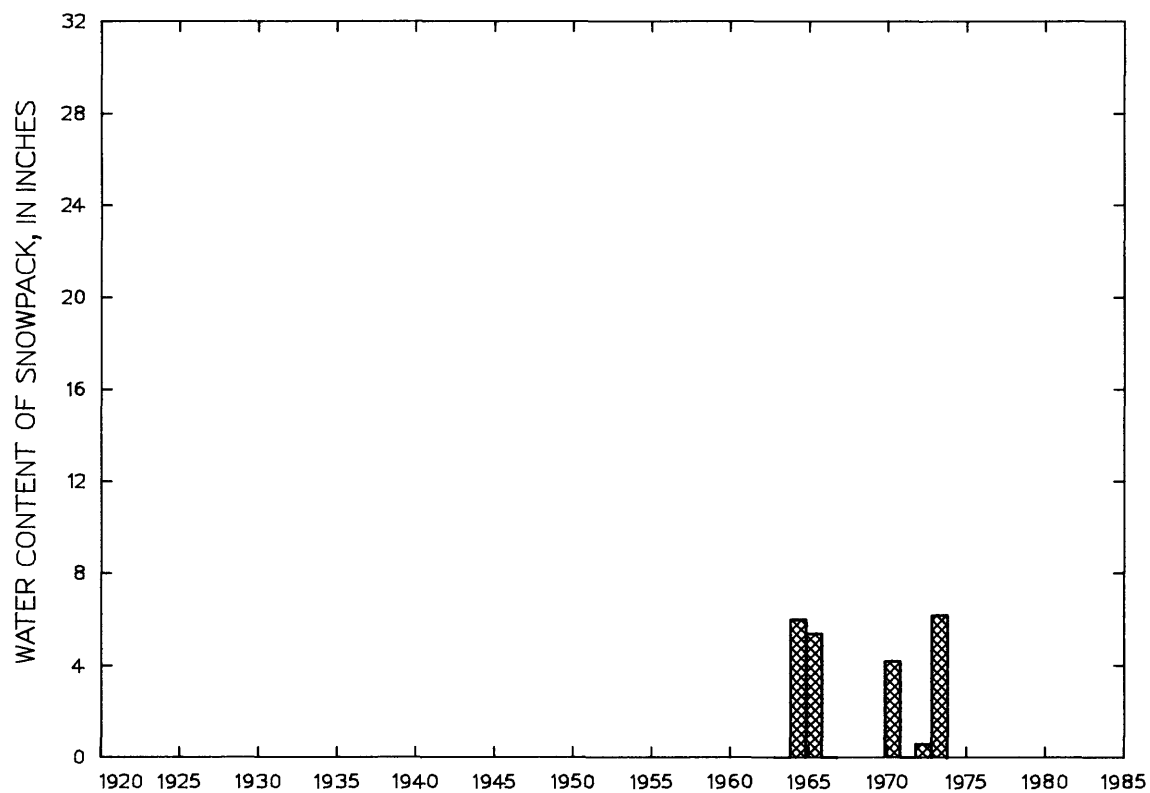


Figure 36.--April 1 snowpack for station 5M06, Blue Lakes.

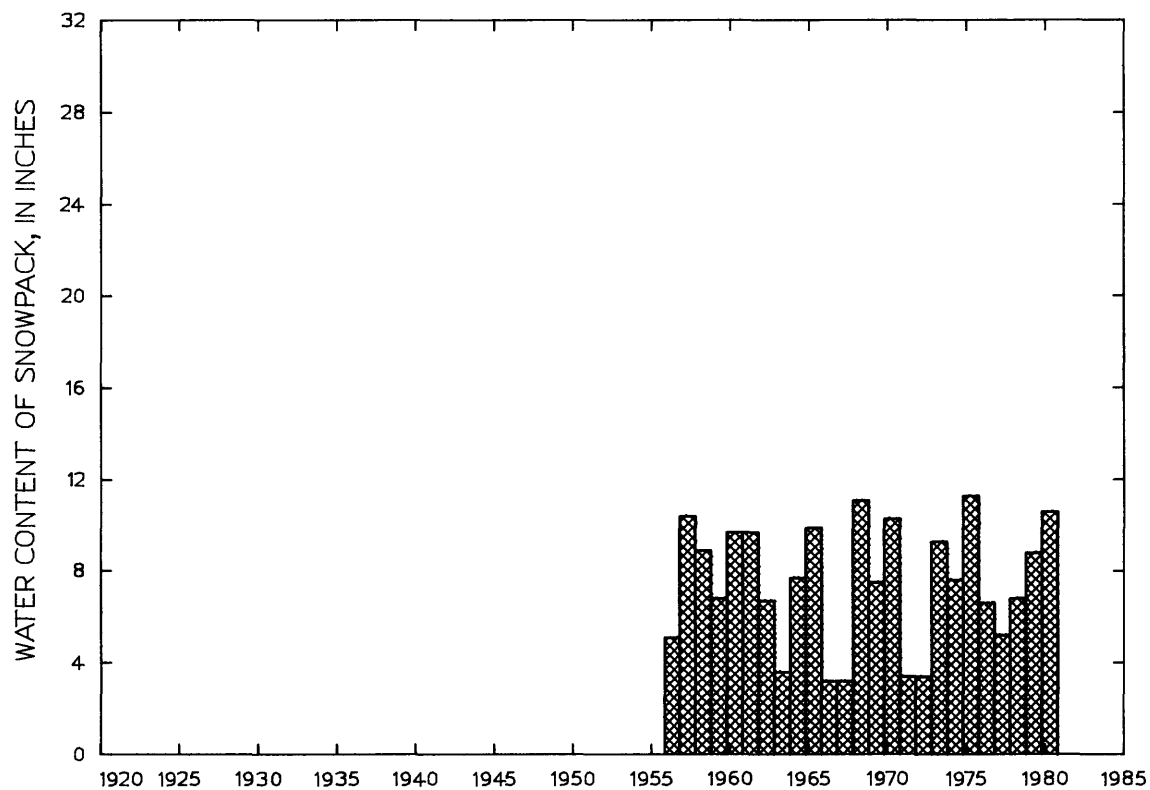


Figure 37.--April 1 snowpack for station 5M05, Bourbon.

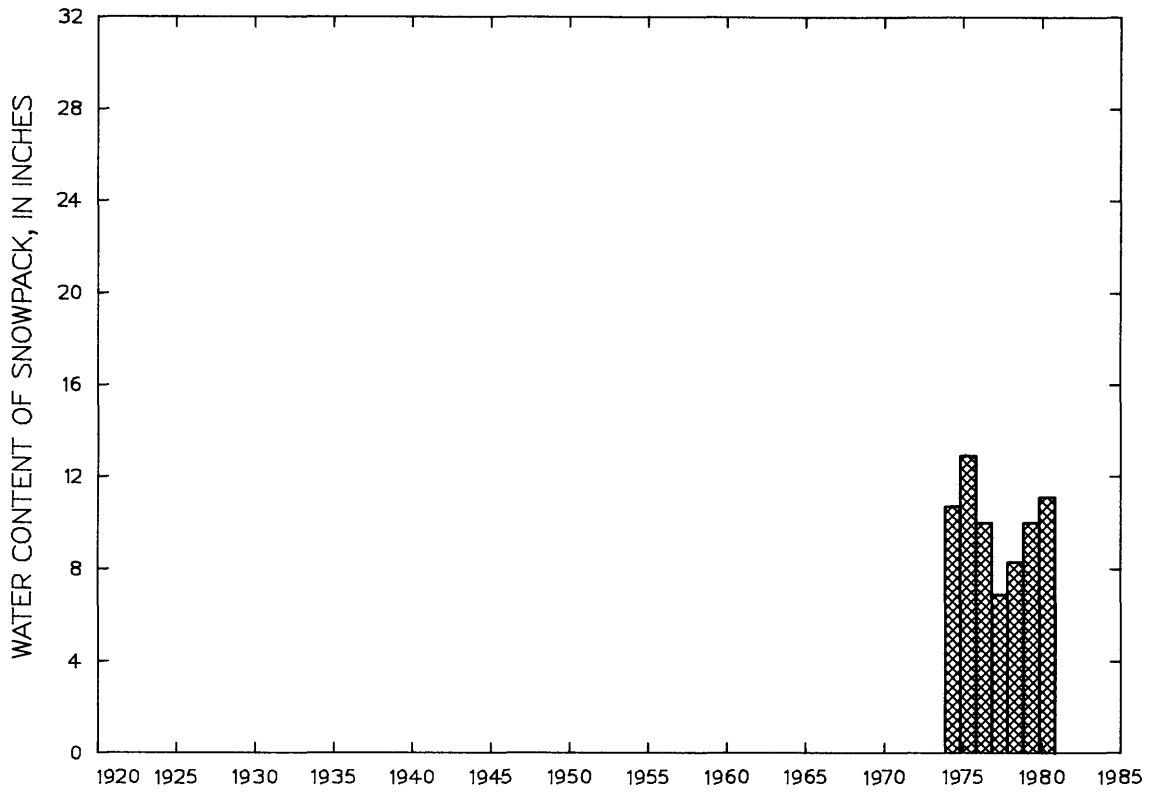


Figure 38.--April 1 snowpack for station 5M12, Cucharas Creek.

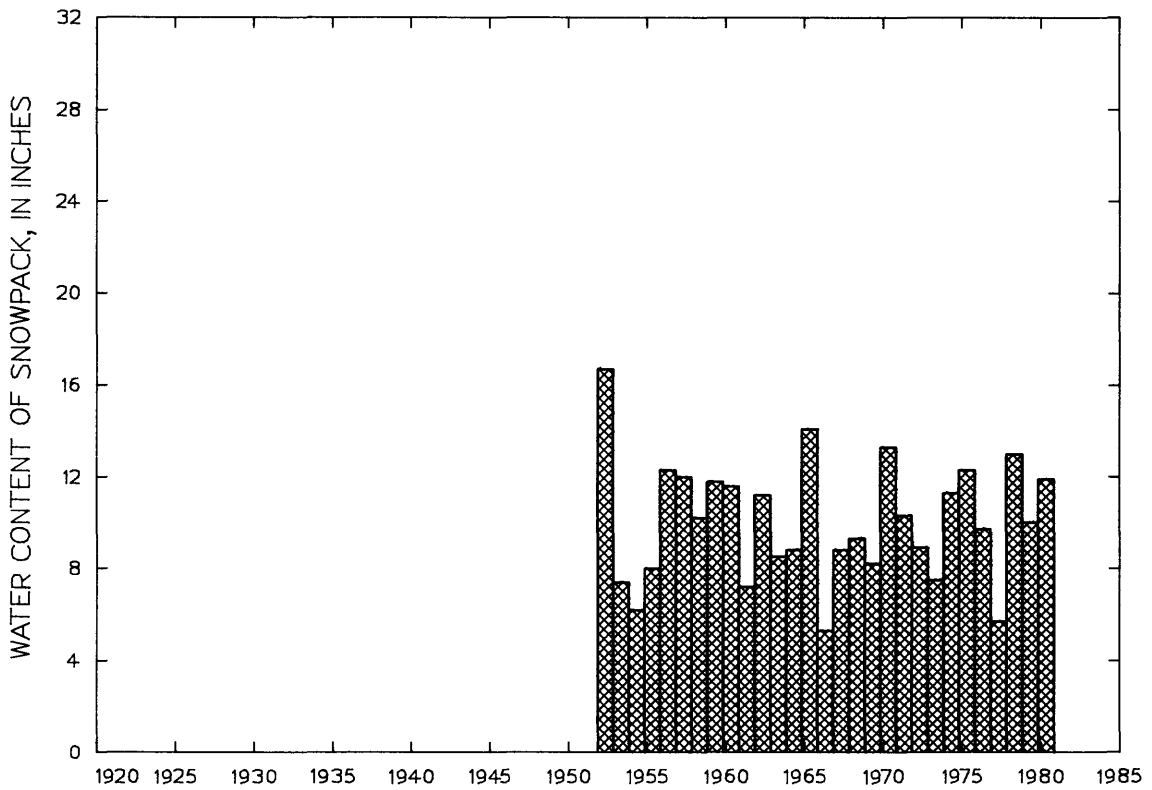


Figure 39.--April 1 snowpack for station 6K17, East Fork.



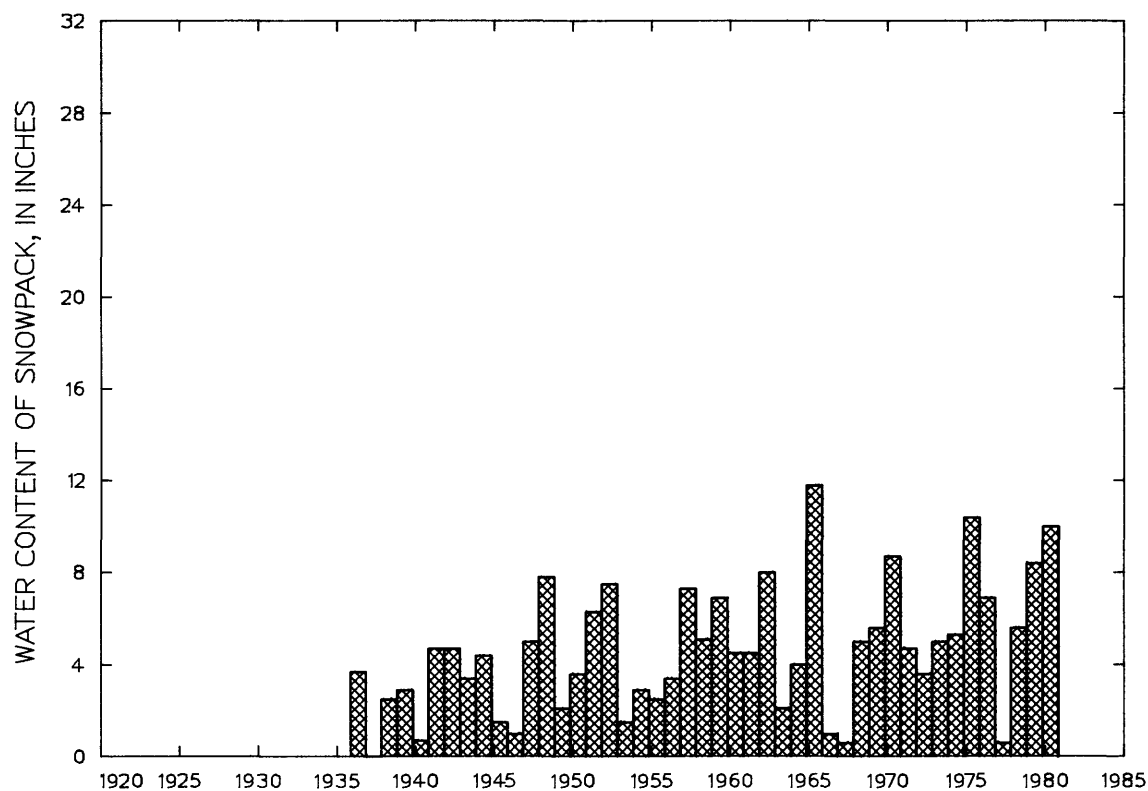


Figure 40.--April 1 snowpack for station 6K07, Four Mile Park.

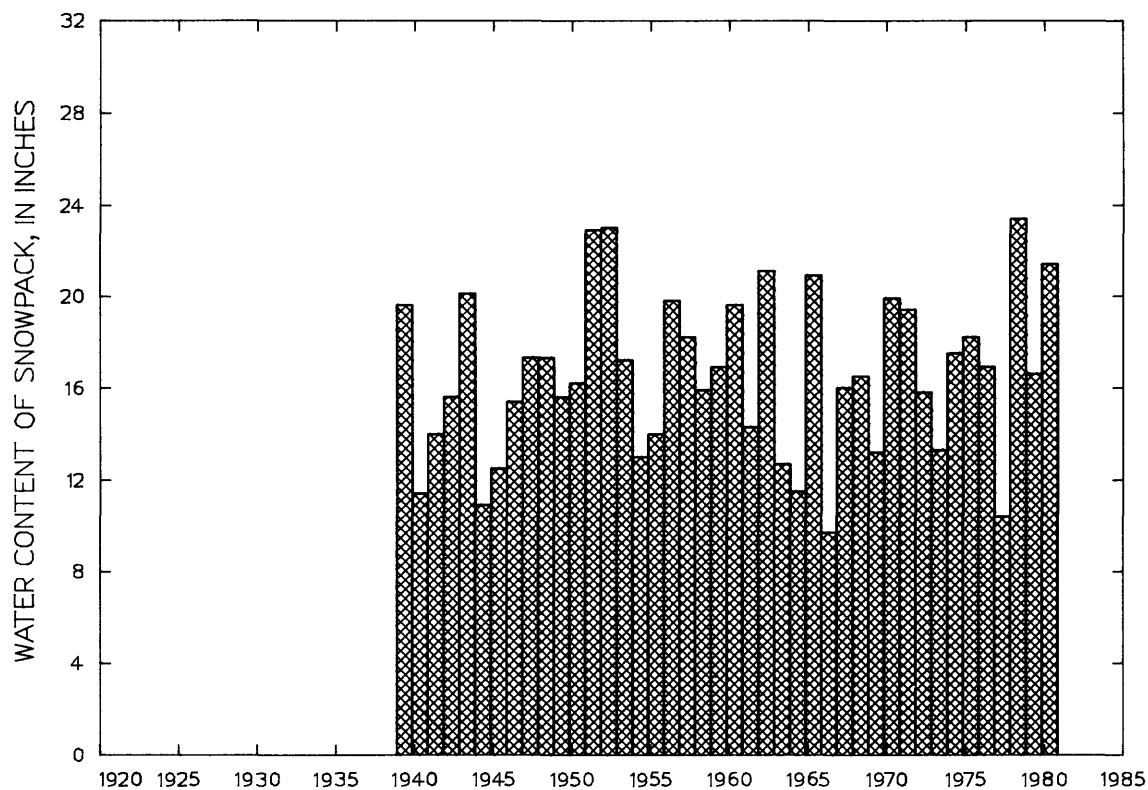


Figure 41.--April 1 snowpack for station 6K08, Fremont Pass.

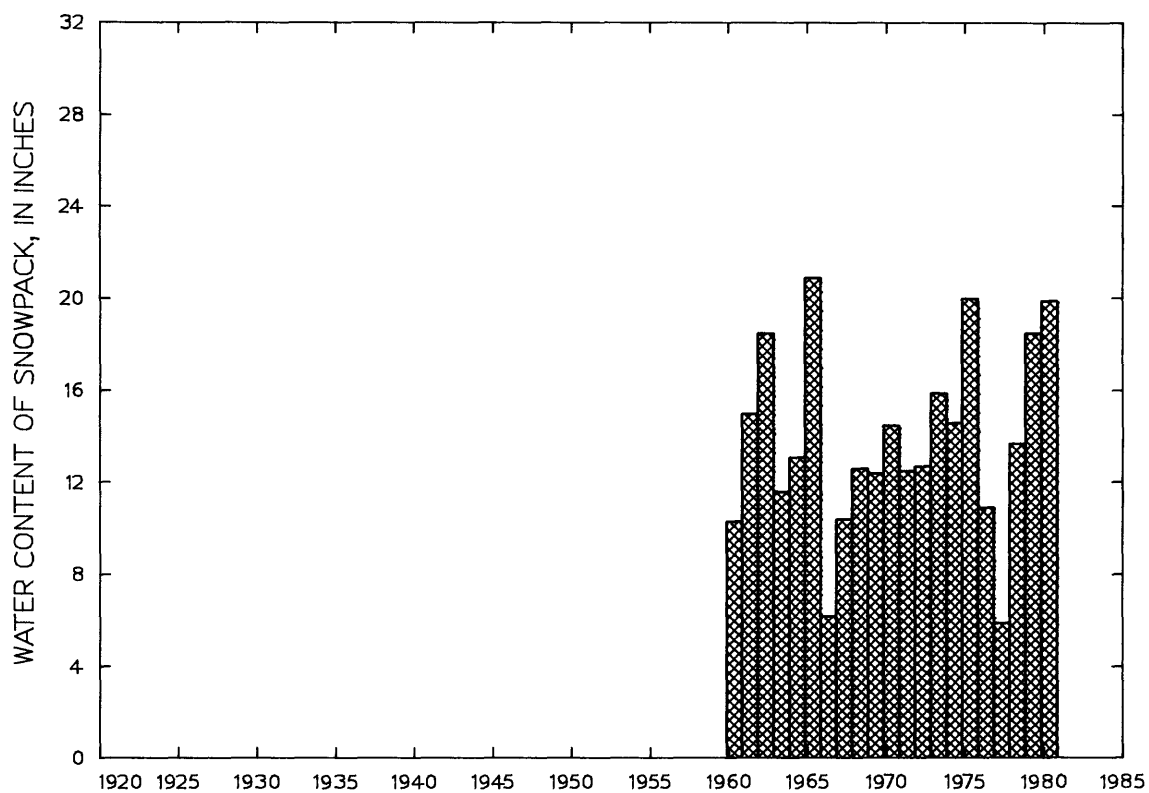


Figure 42.--April 1 snowpack for station 6L08, Garfield.

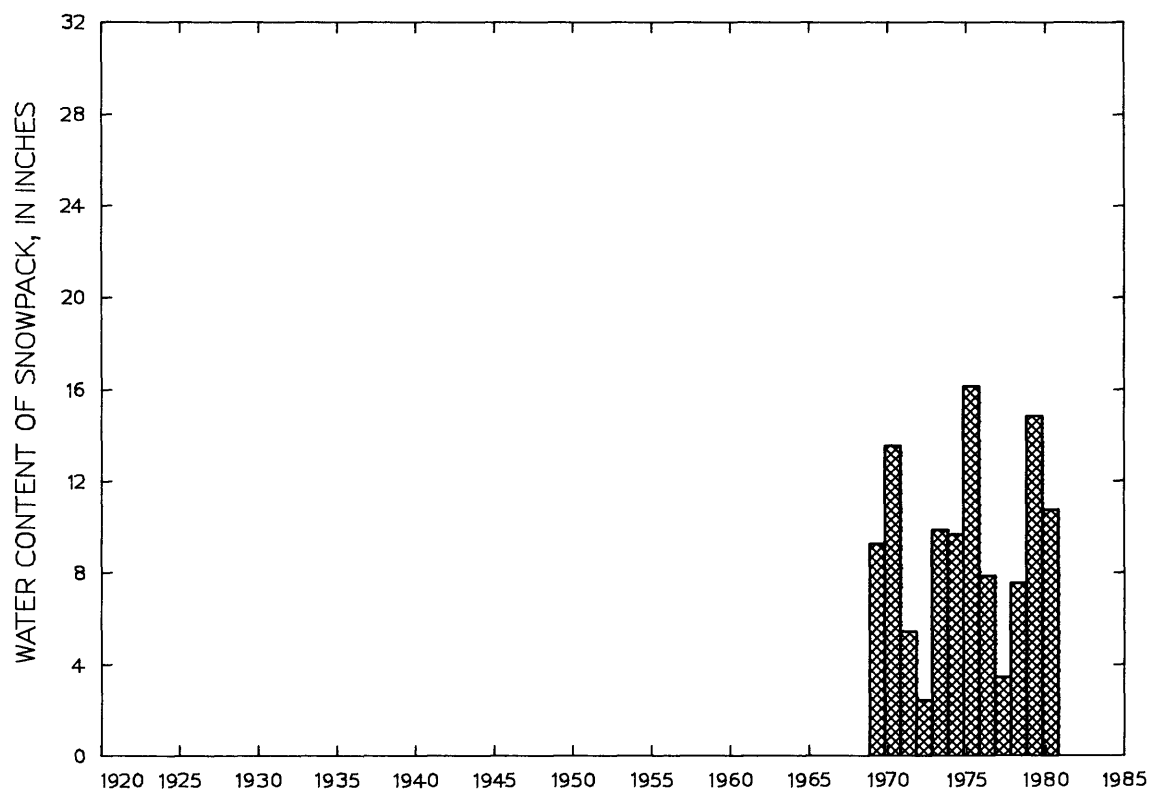


Figure 43.--April 1 snowpack for station 5L04, Hermit Lake.

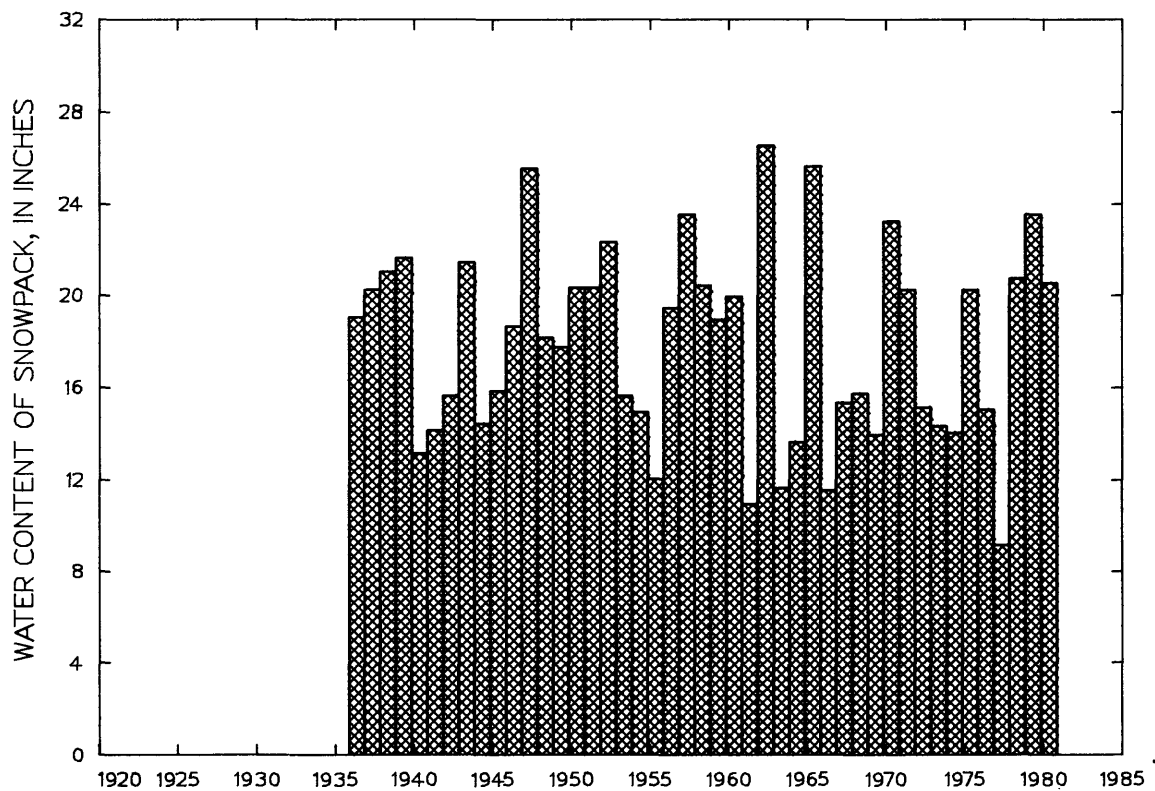


Figure 44.--April 1 snowpack for station 6K04, Independence Pass.

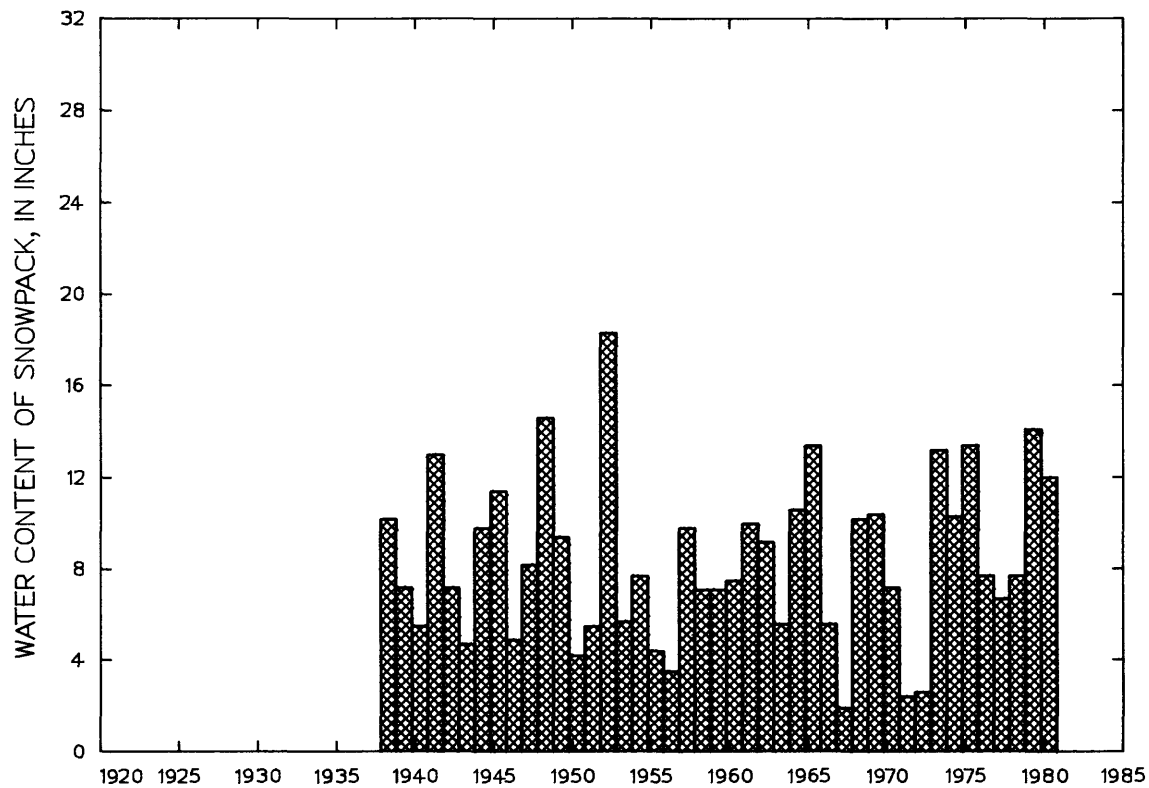


Figure 45.--April 1 snowpack for station 5M1M, La Veta.

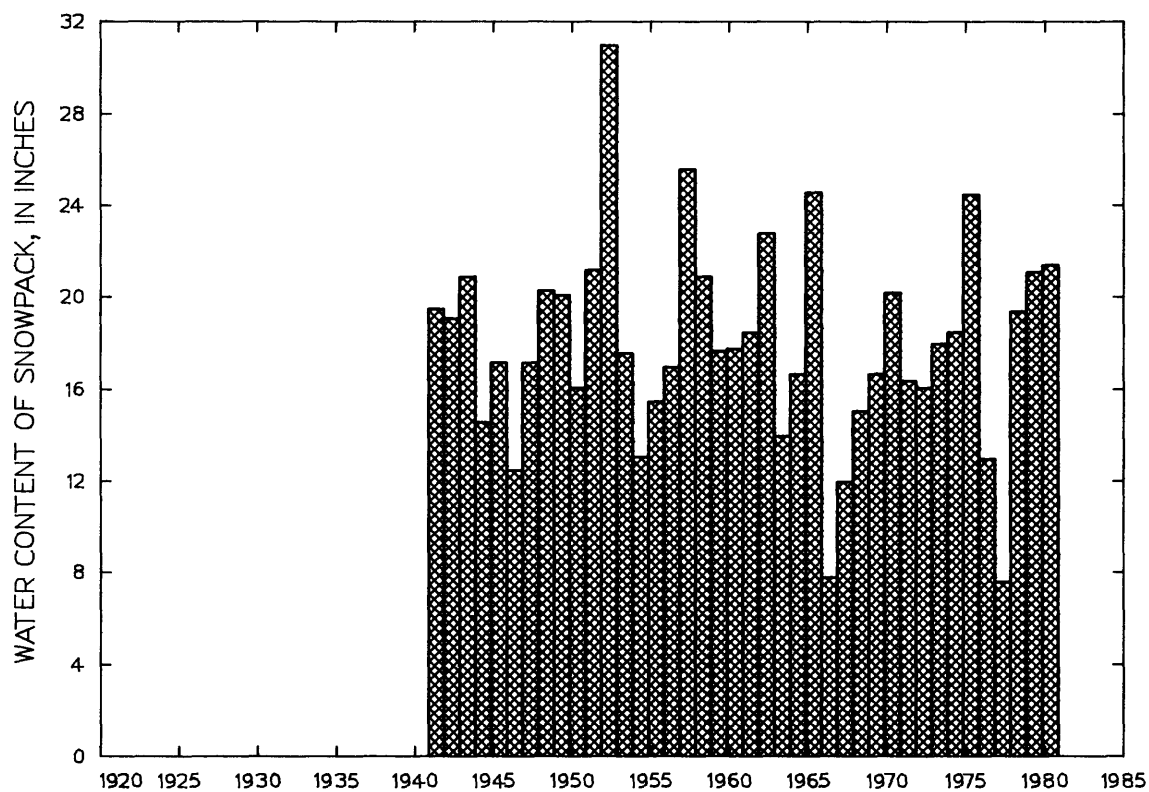


Figure 46.--April 1 snowpack for station 6L04, Monarch Pass.

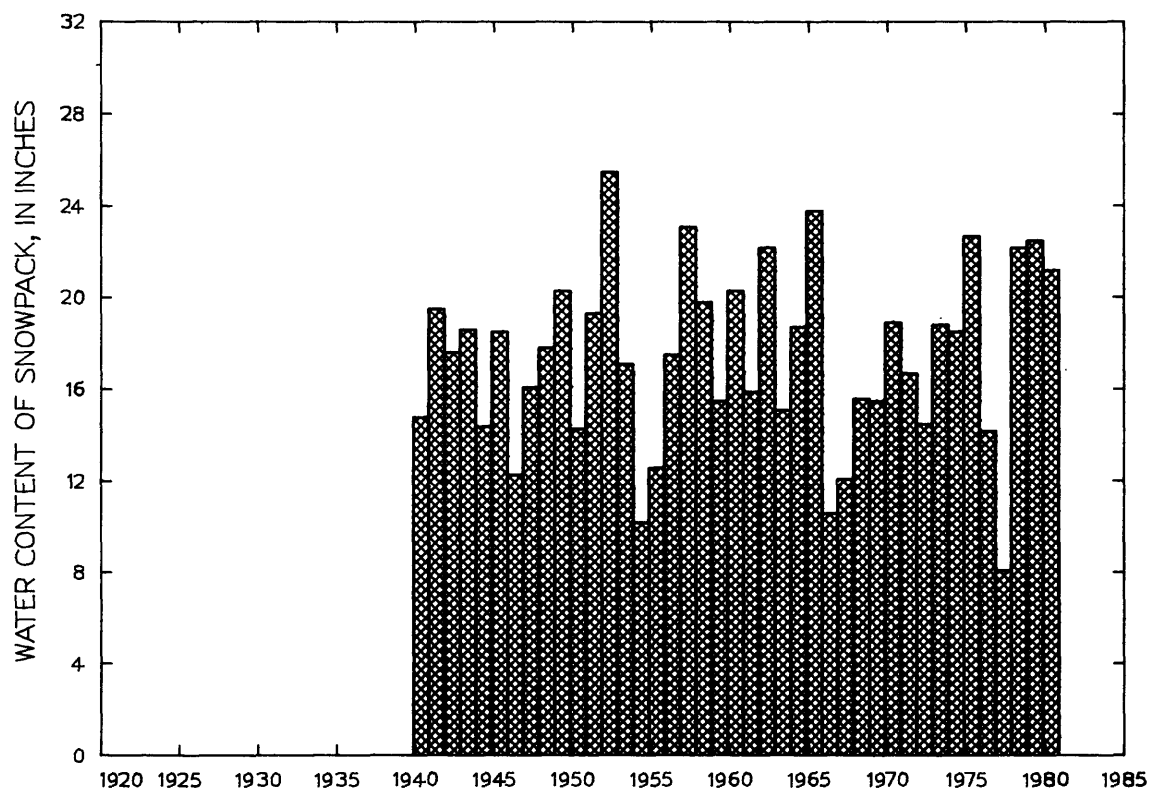


Figure 47.--April 1 snowpack for station 6L3P, Porphyry Creek.

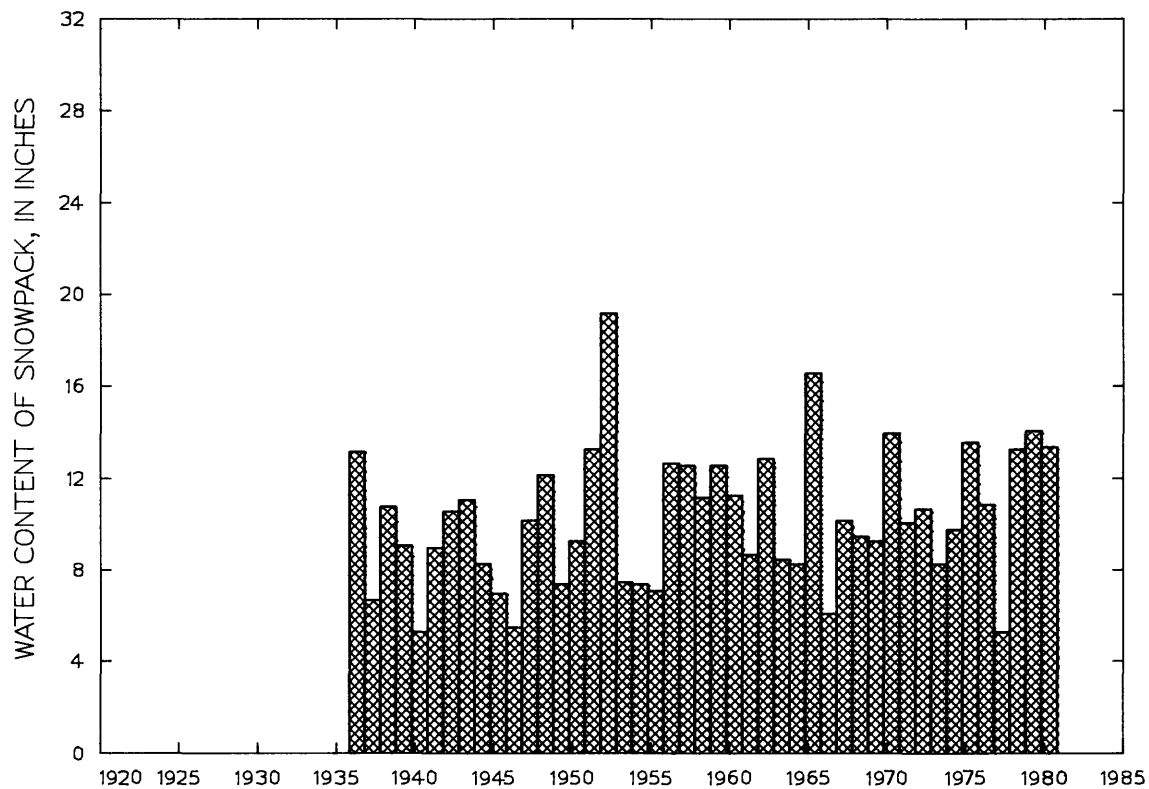


Figure 48.--April 1 snowpack for station 6K02, Tennessee Pass.

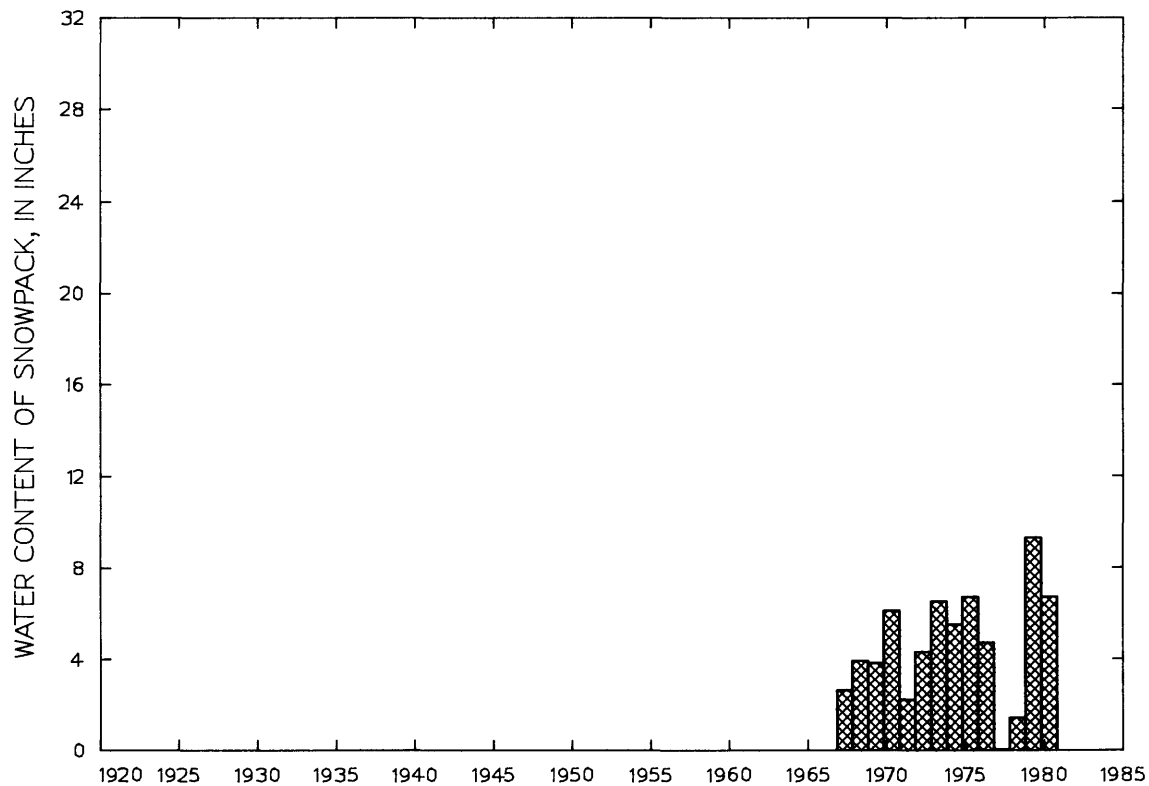


Figure 49.--April 1 snowpack for station 6L12, Trout Creek Pass.

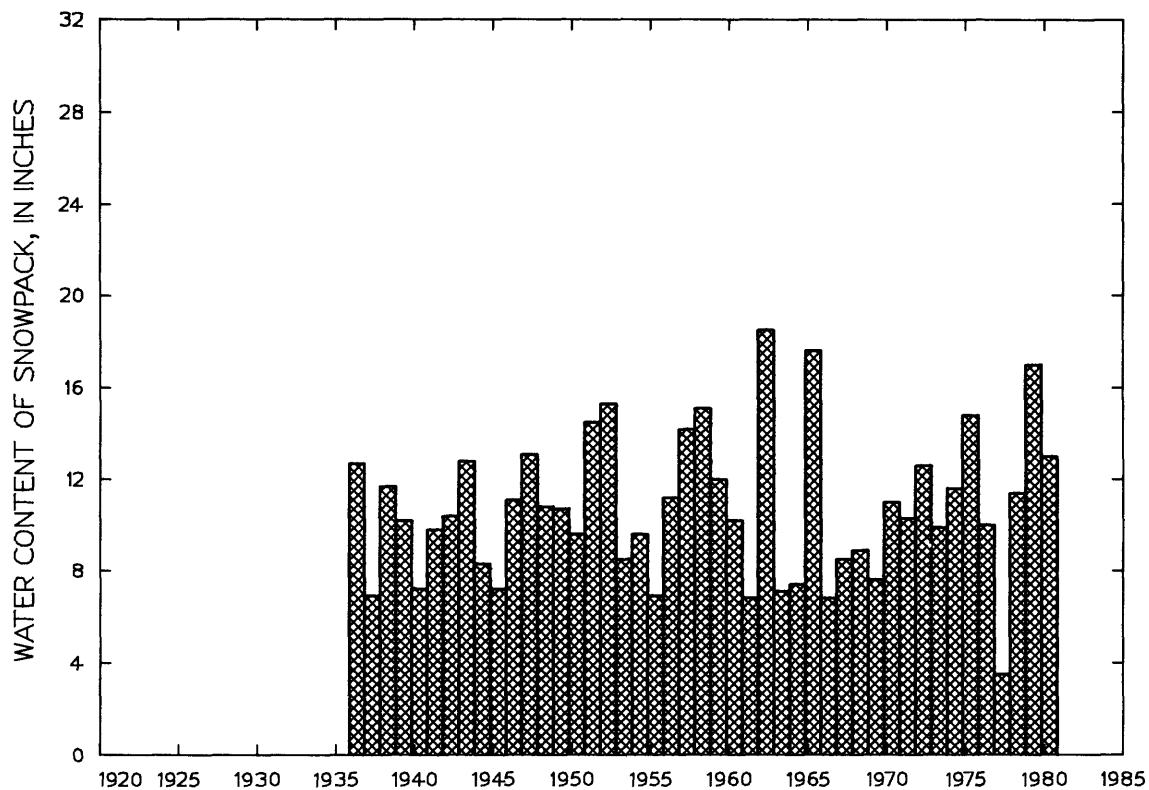


Figure 50.--April 1 snowpack for station 6K03S, Twin Lakes Tunnel.

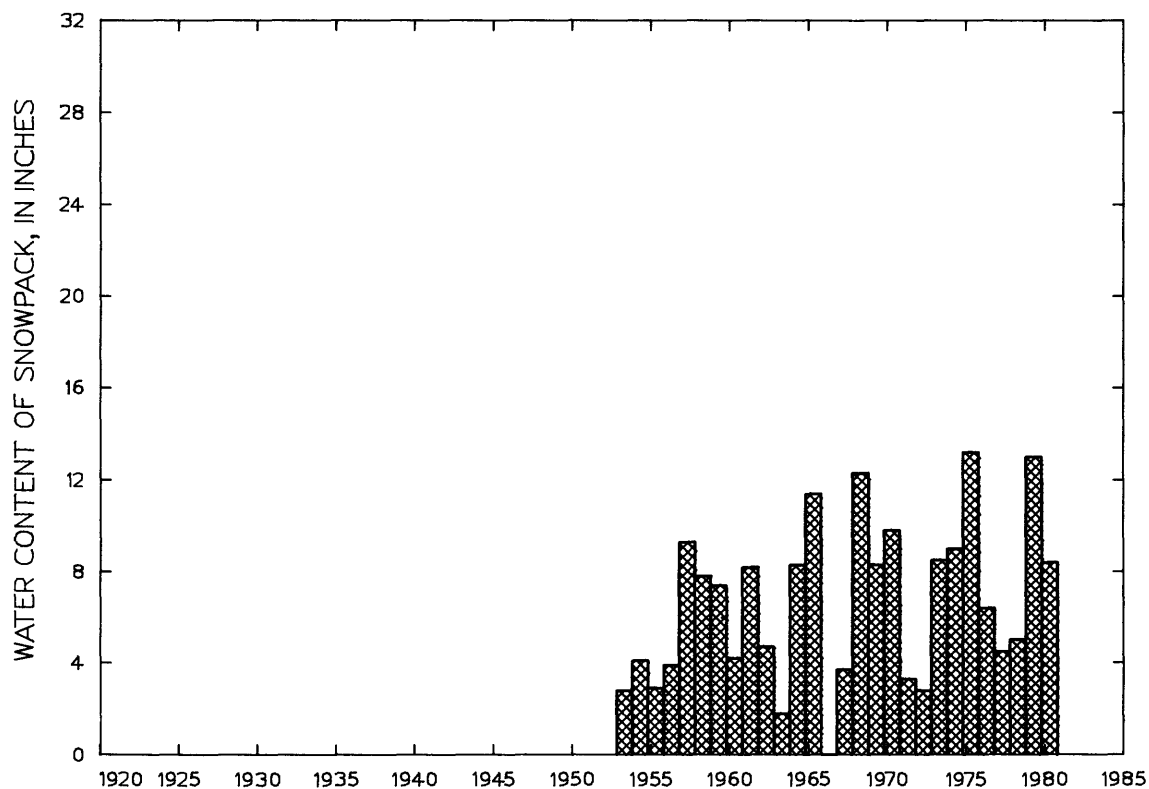


Figure 51.--April 1 snowpack for station 5L02, Westcliffe.

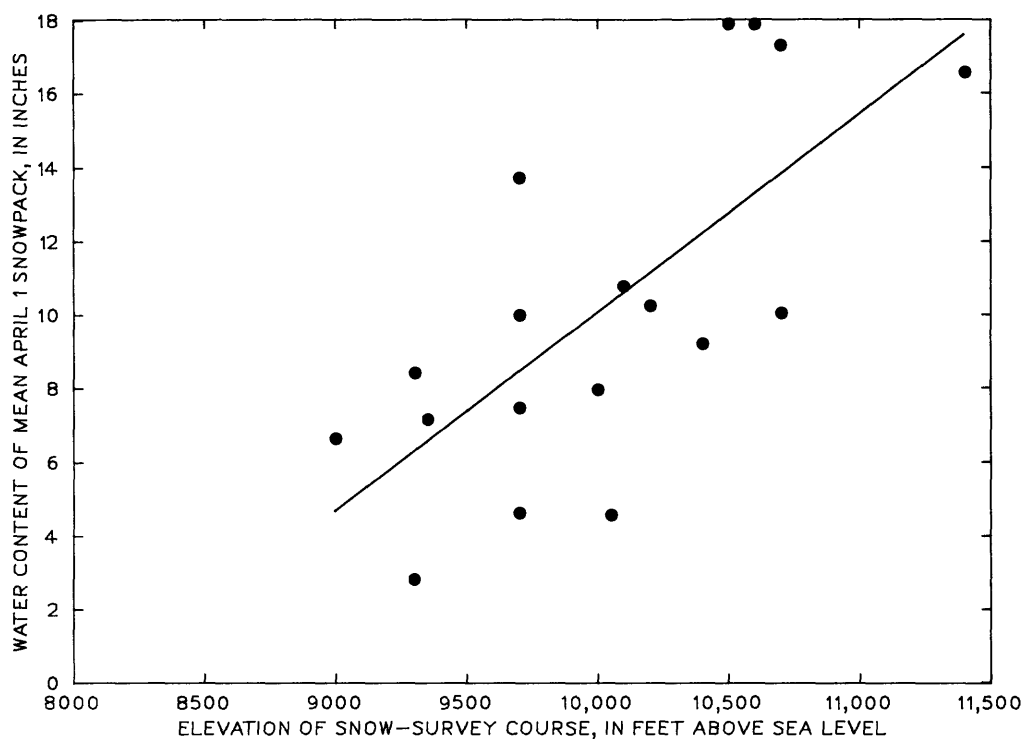


Figure 52.--Relation of mean April 1 snowpack to the elevation of the snow-survey course.

Plots of the February through May first-of-the-month measurements (for example, station 6K02, Tennessee Pass, is shown in fig. 53) show that the April 1 snowpack is usually the greatest accumulation each year. In general, the snowpack seems to develop rather uniformly through the April 1 measurement. The February 1 snowpack is plotted versus the April 1 snowpack for station 6K02 on figure 54. The regression line through these points indicates that, in general, 60 percent (slope of 0.60) of the snowpack on April 1 accumulated by February 1 during both dry or wet winters. This same relation holds for over half of the snow-survey courses. The statistics of the ratio of the February 1 measurement to the April 1 measurement for all 18 stations are shown in table 5. Ten of the 18 stations and nearly all of the long-term stations have mean ratios of about 60 percent (0.6). Most of the snow-survey courses whose ratio is greater than 60 percent are in the central and southern parts of the basin, indicating that late winter snowfall generally does not accumulate in these areas.

Correlations between every combination of pairs of snow-survey courses were computed using all first-of-the-month measurements together, and April 1 measurements alone. The best interstation correlation coefficient using all the measurements was 0.96. About 2 percent of those correlations was greater than 0.90; 18 percent was greater than 0.80; and 28 percent was greater than 0.70. The highest interstation correlation for the April 1 measurements was also 0.96. About 5 percent of those correlations was greater than 0.90, 15 percent was greater than 0.80; and 26 percent was greater than 0.70. Selected classes of interstation correlation of first-of-the-month snowpack measurements for every pair of stations is presented in the tables in the "Supplemental Information" section at the end of the report.

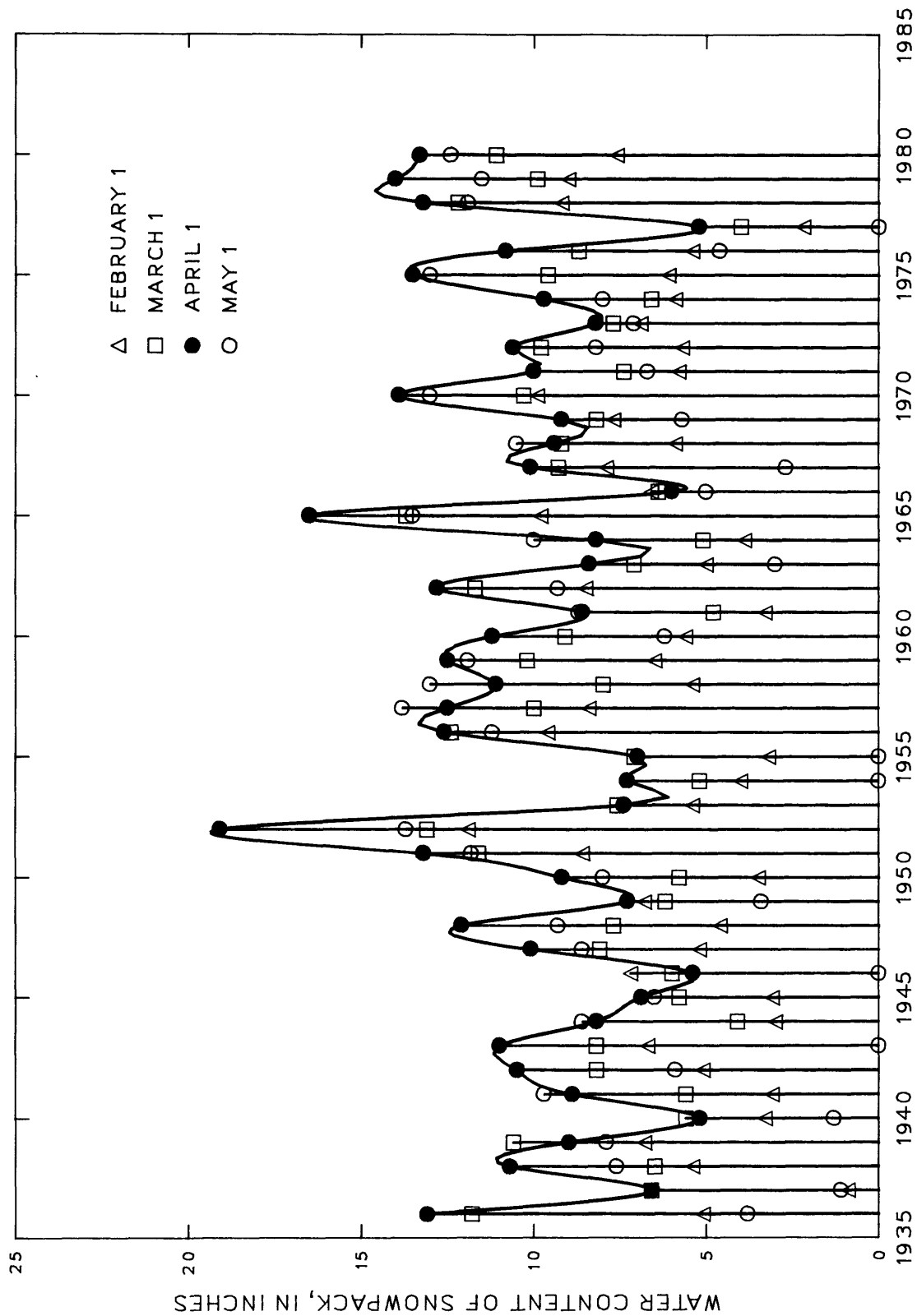


Figure 53.--Snowpack for station 6K02, Tennessee Pass.



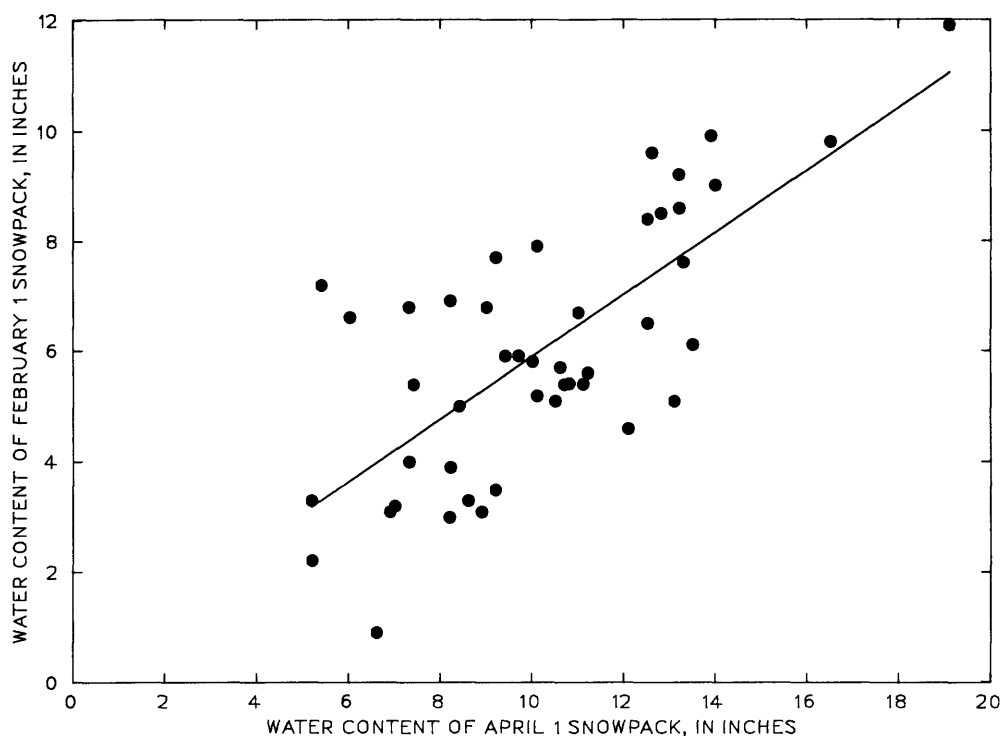


Figure 54.--February 1 snowpack versus April 1 snowpack for snow-survey course 6K02, Tennessee Pass.

Table 5.--Statistics of the ratio of February 1 snowpack to April 1 snowpack

| Station    | Years<br>of<br>record | Mean | Standard<br>deviation | Minimum | Maximum |
|------------|-----------------------|------|-----------------------|---------|---------|
| 5M07S----- | 17                    | 0.89 | 0.73                  | 0.29    | 3.27    |
| 5L03-----  | 13                    | .66  | .14                   | .31     | .89     |
| 5M06-----  | 4                     | .30  | .35                   | 0       | .67     |
| 5M05-----  | 14                    | .73  | .37                   | .40     | 1.55    |
| 5M12-----  | 6                     | .59  | .08                   | .45     | .66     |
| 6K17-----  | 26                    | .63  | .17                   | .23     | .96     |
| 6K07-----  | 41                    | 1.16 | 1.77                  | 0       | 10.5    |
| 6K08-----  | 42                    | .59  | .11                   | .34     | .81     |
| 6L08-----  | 21                    | .67  | .16                   | .39     | 1.16    |
| 5L04-----  | 12                    | .90  | .62                   | .38     | 2.74    |
| 6K04-----  | 45                    | .56  | .13                   | .17     | .87     |
| 5M1M-----  | 41                    | .86  | .55                   | .28     | 2.88    |
| 6L04-----  | 40                    | .61  | .15                   | .28     | 1.09    |
| 6L3P-----  | 41                    | .60  | .12                   | .36     | .88     |
| 6K02-----  | 45                    | .59  | .21                   | .12     | 1.34    |
| 6L12-----  | 13                    | .86  | .21                   | .65     | 1.23    |
| 6K03S----- | 43                    | .59  | .15                   | .23     | .88     |
| 5L02-----  | 12                    | 1.02 | .70                   | .50     | 2.76    |

A statistical test (Kendall Tau) was computed for the April 1 measurements at all the stations to identify possible time trends in the snowpack data. The test indicated that only station 6K07, Four Mile Park, had a trend statistically different from zero at the 1-percent significance level. There is no information to account for or discount this apparent upward trend (fig. 40).

Correlation analysis was computed between each precipitation station and snow-survey course, using the monthly precipitation and respective first-of-the-month snowpack data. Only a few correlation coefficients were statistically different from zero at the 1-percent significance level, and none of them was greater than 0.40. Analysis of incremental snowpack (net change during the month) and monthly precipitation also showed no statistical correlation. A correlation analysis between annual precipitation at all stations and April 1 snowpack at all snow-survey courses indicated that only station 3063, Fountain (2NW) (1N) was statistically different from zero at less than the 2-percent significance level. Annual precipitation at that station correlated with the April 1 snowpack measurements at 6 different snow-survey courses (6K17, 6K07, 6K04, 5M1M, 6L04, and 6K03S), with correlation coefficients ranging from 0.39 to 0.61. No explanation is available as to why precipitation at this station, and only this station, correlated with snowpack data.

### Discharge

Streamflow-gaging stations where discharge data have been collected were selected based on the length of record and geographic location. The 46 streamflow-gaging stations chosen are listed in table 6, and 44 stations are shown on plate 1. Stations 07137500 and 07137000 (not shown on plate 1) are located in Kansas but are used in the analyses to represent flow leaving the State of Colorado. The record available since 1920 and the average discharge for each station are shown in table 7. Hydrographs of annual mean discharge for these 46 stations are shown in figures 55-93 (stations 07079500, East Fork Arkansas River near Leadville, and 07081000, Tennessee Creek near Leadville, are added together and plotted with station 07081200, Arkansas River near Leadville, in fig. 55; stations 07099400, Arkansas River above Pueblo, and 07099500, Arkansas River near Pueblo, are both plotted in fig. 68; stations 07108500, St. Charles River near Pueblo, 07108800, St. Charles River near Vineland, 07108900, St. Charles River at Vineland, and 07109000, St. Charles River at mouth near Pueblo, are plotted in fig. 75; and stations 07137000, Frontier Ditch near Coolidge, Kans., and 07137500, Arkansas River near Coolidge, Kans., are added together and plotted in fig. 93). There is no substantial flow entering the Arkansas River between the State line and station 07137500. Tables of monthly discharges are presented in the "Supplemental Information" section at the end of the report. It should be noted that the average discharge reported in table 7 and in the "Supplemental Information" section may be somewhat different from values published elsewhere. This difference is because all the average discharges presented in this report are averages of monthly mean values and, thus, do not account for variable number of days per month, as do most published annual or period-of-record means, which are usually computed from daily mean values.

Table 6.--Selected streamflow-gaging stations

| Number   | Name                                       | Location  |            |               |       | Eleva-<br>tion<br>(feet) | Drainage<br>area<br>(square<br>miles) |
|----------|--|-----------|------------|---------------|-------|--------------------------|---------------------------------------|
|          |  | Latitude  | Longitude  | Town-<br>ship | Range | Sec-<br>tion             |                                       |
| 07079500 | East Fork Arkansas River near Leadville--- | 39°15'50" | 106°20'10" | 09            | 80    | 16                       | 9,700                                 |
| 07081000 | Tennessee Creek near Leadville-----        | 39°15'50" | 106°20'20" | 09            | 80    | 16                       | 9,760                                 |
| 07081200 | Arkansas River near Leadville-----         | 39°15'26" | 106°20'35" | 09            | 80    | 21                       | 9,730                                 |
| 07083000 | Halfmoon Creek near Malta-----             | 39°10'20" | 106°23'19" | 10            | 81    | 13                       | 9,830                                 |
| 07084500 | Lake Creek above Twin Lakes Reservoir----  | 39°03'47" | 106°24'26" | 11            | 81    | 35                       | 9,310                                 |
| 07086000 | Arkansas River at Granite-----             | 39°02'34" | 106°15'55" | 11            | 79    | 31                       | 8,915                                 |
| 07086500 | Clear Creek above Clear Creek Reservoir--- | 39°01'05" | 106°16'38" | 12            | 80    | 12                       | 8,885                                 |
| 07089000 | Cottonwood Creek below Hot Springs-----    | 38°48'46" | 106°13'18" | 14            | 79    | 21                       | 8,532                                 |
| 07091500 | Arkansas River at Salida-----              | 38°32'45" | 106°00'36" | 50            | 09    | 31                       | 7,051                                 |
| 07093700 | Arkansas River near Wellsville-----        | 38°30'10" | 105°56'21" | 49            | 09    | 14                       | 6,883                                 |
| 07094500 | Arkansas River at Parkdale-----            | 38°29'14" | 105°22'23" | 18            | 71    | 18                       | 5,720                                 |
| 07095000 | Grape Creek near Westcliffe-----           | 38°11'10" | 105°28'59" | 21            | 72    | 31                       | 7,690                                 |
| 07096000 | Arkansas River at Canon City-----          | 38°26'02" | 105°15'24" | 18            | 70    | 31                       | 5,342                                 |
| 07097000 | Arkansas River at Portland-----            | 38°23'18" | 105°00'56" | 19            | 68    | 20                       | 5,021                                 |
| 07099100 | Beaver Creek near Portland-----            | 38°22'27" | 104°57'49" | 19            | 68    | 26                       | 4,993                                 |
| 07099400 | Arkansas River above Pueblo-----           | 38°16'17" | 104°43'06" | 20            | 66    | 36                       | 4,740                                 |
| 07099500 | Arkansas River near Pueblo-----            | 38°16'02" | 104°39'26" | 20            | 65    | 34                       | 4,690                                 |
| 07103700 | Fountain Creek near Colorado Springs-----  | 38°51'17" | 104°52'39" | 14            | 67    | 03                       | 6,110                                 |
| 07104000 | Monument Creek at Pikeview-----            | 38°55'04" | 104°49'05" | 13            | 66    | 18                       | 6,203                                 |
| 07105800 | Fountain Creek at Security-----            | 38°43'46" | 104°44'00" | 15            | 66    | 24                       | 5,640                                 |
| 07106000 | Fountain Creek near Fountain-----          | 38°36'08" | 104°40'13" | 17            | 65    | 04                       | 5,342                                 |
| 07106300 | Fountain Creek near Pinon-----             | 38°26'50" | 104°35'28" | 18            | 64    | 31                       | 5,005                                 |
| 07106500 | Fountain Creek at Pueblo-----              | 38°17'16" | 104°36'02" | 20            | 64    | 19                       | 4,705                                 |
| 07108500 | St. Charles River near Pueblo-----         | 38°12'20" | 104°31'40" | 21            | 64    | 23                       | 4,690                                 |
| 07108800 | St. Charles River near Vineland-----       | 38°13'37" | 104°29'54" | 21            | 64    | 12                       | 4,619                                 |
| 07108900 | St. Charles River at Vineland-----         | 38°14'44" | 104°29'09" | 21            | 63    | 06                       | 4,582                                 |
| 07109000 | St. Charles River at mouth near Pueblo---- | 38°15'30" | 104°28'40" | 21            | 63    | 05                       | 4,570                                 |
| 07109500 | Arkansas River near Avondale-----          | 38°14'53" | 104°23'55" | 21            | 63    | 01                       | 4,510                                 |
| 07116000 | Huerfano River below Huerfano Valley Dam-- | 38°00'07" | 104°28'02" | 23            | 63    | 32                       | 4,886                                 |
| 07117000 | Arkansas River near Nepesta-----           | 38°11'03" | 104°10'22" | 21            | 61    | 25                       | 4,385                                 |
| 07119500 | Apishapa River near Fowler-----            | 38°05'28" | 103°58'52" | 22            | 59    | 35                       | 4,317                                 |
| 07119700 | Arkansas River at Catlin Dam-----          | 38°07'33" | 103°54'41" | 22            | 58    | 21                       | 4,258                                 |
| 07123000 | Arkansas River at La Junta-----            | 37°59'26" | 103°31'55" | 24            | 55    | 02                       | 4,040                                 |
| 07124000 | Arkansas River at Las Animas-----          | 38°04'31" | 103°13'09" | 23            | 52    | 03                       | 3,884                                 |
| 07124500 | Purgatoire River at Trinidad-----          | 37°10'15" | 104°30'31" | 33            | 64    | 13                       | 5,980                                 |
| 07126000 | Purgatoire River near Alfalfa-----         | 37°11'30" | 104°07'30" | 33            | 60    | 09                       | 5,280                                 |
| 07126300 | Purgatoire River near Thatcher-----        | 37°21'30" | 103°53'44" | 31            | 58    | 10                       | 4,790                                 |
| 07126500 | Purgatoire River at Ninemile Dam-----      | 37°42'53" | 103°30'38" | 27            | 54    | 07                       | 4,241                                 |
| 07128000 | Purgatoire River at Highland Dam-----      | 37°53'57" | 103°18'10" | 25            | 53    | 01                       | 3,980                                 |
| 07128500 | Purgatoire River near Las Animas-----      | 38°02'02" | 103°12'00" | 23            | 52    | 23                       | 3,875                                 |
| 07130500 | Arkansas River below John Martin Reservoir | 38°03'59" | 102°55'55" | 23            | 49    | 08                       | 3,737                                 |
| 07133000 | Arkansas River at Lamar-----               | 38°06'51" | 102°29'00" | 22            | 45    | 21                       | 3,602                                 |
| 07134100 | Big Sandy Creek near Lamar-----            | 38°06'51" | 102°29'00" | 22            | 45    | 21                       | 3,545                                 |
| 07135500 | Arkansas River at Holly-----               | 38°02'37" | 102°07'09" | 23            | 42    | 15                       | 3,378                                 |
| 07137500 | Arkansas River near Coolidge, Kans-----    | 38°01'34" | 102°00'41" | 23            | 43    | 26                       | 3,330                                 |
| 07137000 | Frontier Ditch near Coolidge, Kans-----    | 38°02'18" | 102°02'19" | 23            | 43    | 21                       | 3,353                                 |

Table 7.--Period of record, 1921 through 1980, and average discharge for period of record for selected streamflow-gaging stations

[X=complete annual record; M=missing one or more months in the annual record]

| Number   | Name                                       | Years of available data, 1921 through 1980                           |   |   |   |   |   |   |   |   |   |                      |    | Average<br>(cubic<br>feet per<br>second) |
|--|--|--|---|---|---|---|---|---|---|---|---|----------------------|----|--|
|  |  | 1  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1   | 1                    |    |  |
|  |  | 9  | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9   | 9                    |    |  |
|  |  | 2  | 3 | 4 | 5 | 6 | 7 | 8 | 8 | 8 | 8   | 8                    |    |  |
| 123456789012345678901234567890123456789012345678901234567890 |  |  |   |   |   |   |   |   |   |   |   |                      |    |  |
| 07079500   | East Fork Arkansas River near Leadville--- | XXXM   |   |   |   |   |   |   |   |   |   |                      |    | 43.30                                    |
| 07081000   | Tennessee Creek near Leadville-----        | XXXM   |   |   |   |   |   |   |   |   |   |                      |    | 39.68                                    |
| 07081200   | Arkansas River near Leadville-----         |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXX  |                      |    | 71.49                                    |
| 07083000   | Halfmoon Creek near Malta-----             |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX                      |                      |    | 27.65                                    |
| 07084500   | Lake Creek above Twin Lakes Reservoir----  |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXMXXMMXXXXXXXXXXXXXXXXXXXX                     |                      |    | 168.94                                   |
| 07086000   | Arkansas River at Granite-----             | XX |   |   |   |   |   |   |   |   |   |                      |    | 372.13                                   |
| 07086500   | Clear Creek above Clear Creek Reservoir--- |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX                      |                      |    | 67.48                                    |
| 07089000   | Cottonwood Creek below Hot Springs-----    | XXM  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX                      |                      |    | 55.88                                    |
| 07091500   | Arkansas River at Salida-----              | XX |   |   |   |   |   |   |   |   |   |                      |    | 633.68                                   |
| 07093700   | Arkansas River near Wellsville-----        |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXX                                      |                      |    | 696.43                                   |
| 07094500   | Arkansas River at Parkdale-----            |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXM   | XXXXXXXXXXXXXXXXXXXX |    | 771.39                                   |
| 07095000   | Grape Creek near Westcliffe-----           |  |   |   |   |   |   |   |   |   | XXM XXXXXXXXXXXXXXXXXXXXXXXMXXXXXXXXXXXXXXXXXXXX          |                      |    | 31.98                                    |
| 07096000   | Arkansas River at Canon City-----          | XX |   |   |   |   |   |   |   |   |   |                      |    | 708.19                                   |
| 07097000   | Arkansas River at Portland-----            |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXM   | XXXXXXX              |    | 728.55                                   |
| 07099100   | Beaver Creek near Portland-----            |  |   |   |   |   |   |   |   |   |   | XXXXXXXXXXXX         |    | 7.98                                     |
| 07099400   | Arkansas River above Pueblo-----           |  |   |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXX |    | 609.51                                   |
| 07099500   | Arkansas River near Pueblo-----            | XX |   |   |   |   |   |   |   |   |   |                      |    | 683.26                                   |
| 07103700   | Fountain Creek near Colorado Springs-----  |  |   |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXX |    | 12.83                                    |
| 07104000   | Monument Creek at Pikeview-----            |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXM   | XXXXX                |    | 23.47                                    |
| 07105800   | Fountain Creek at Security-----            |  |   |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXX |    | 60.51                                    |
| 07106000   | Fountain Creek near Fountain-----          |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXM                                     |                      |    | 54.03                                    |
| 07106300   | Fountain Creek near Pinon-----             |  |   |   |   |   |   |   |   |   |   | XXXXXXXXXX           |    | 71.31                                    |
| 07106500   | Fountain Creek at Pueblo-----              | XXXM   |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXXXXXXXXXM                             | XXXXXXXXXXXX         |    | 54.18                                    |
| 07108500   | St. Charles River near Pueblo-----         |  |   |   |   |   |   |   |   |   | MMXXXXXXXXXXXXM   |                      |    | 41.21                                    |
| 07108800   | St. Charles River near Vineland-----       |  |   |   |   |   |   |   |   |   |   | XXXXXXXXM            |    | 22.30                                    |
| 07108900   | St. Charles River at Vineland-----         |  |   |   |   |   |   |   |   |   |   |                      | MX | 32.74                                    |
| 07109000   | St. Charles River at mouth near Pueblo---  | MXM  |   |   |   |   |   |   |   |   |   |                      |    | 43.65                                    |
| 07109500   | Arkansas River near Avondale-----          |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXM   | XXXXXXXXXXXXXXXXXXXX |    | 853.56                                   |
| 07116000   | Huerfano River below Huerfano Valley Dam-- |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXXXXXXXXXM                             |                      |    | 34.30                                    |
| 07117000   | Arkansas River near Nepesta-----           |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXMXXXXXXXXXXXXXXXXXXXX |                      |    | 654.49                                   |
| 07119500   | Apishapa River near Fowler-----            | XXXM   |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX                      |                      |    | 29.94                                    |
| 07119700   | Arkansas River at Catlin Dam-----          |  |   |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXX |    | 604.79                                   |
| 07123000   | Arkansas River at La Junta-----            | XX |   |   |   |   |   |   |   |   |   |                      |    | 236.64                                   |
| 07124000   | Arkansas River at Las Animas-----          |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXXXXXXXXXM                             |                      |    | 192.17                                   |
| 07124500   | Purgatoire River at Trinidad-----          | XXMXXXXXXXXXXXXXXXXXXXX    |   |   |   |   |   |   |   |   |   |                      |    | 78.33                                    |
| 07126000   | Purgatoire River near Alfalfa-----         | MXM  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXM                                     |                      |    | 63.11                                    |
| 07126300   | Purgatoire River near Thatcher-----        |  |   |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXX |    | 44.24                                    |
| 07126500   | Purgatoire River at Ninemile Dam-----      | XX |   |   |   |   |   |   |   |   |   |                      |    | 91.19                                    |
| 07128000   | Purgatoire River at Highland Dam-----      |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXXXXXXXXXM                             |                      |    | 113.02                                   |
| 07128500   | Purgatoire River near Las Animas-----      | XXXXXXXXXXXXM  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXXXXXXXXXMXXXXXXXXXXXXXXXXXXXX         |                      |    | 106.96                                   |
| 07130500   | Arkansas River below John Martin Reservoir |  |   |   |   |   |   |   |   |   | MXMXXXXXXXXXXXXXXXXXXXXMXXXXXXXXXXXXXXXXXXXX              |                      |    | 294.72                                   |
| 07133000   | Arkansas River at Lamar-----               | XXM                        |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXX                                      |                      |    | 194.59                                   |
| 07134100   | Big Sandy Creek near Lamar-----            |  |   |   |   |   |   |   |   |   |   | XXXXXXXXXXXX         |    | 11.74                                    |
| 07135500   | Arkansas River at Holly-----               | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM                                |   |   |   |   |   |   |   |   |   |                      |    | 331.41                                   |
| 07137500   | Arkansas River near Coolidge, Kans-----    |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXXXXXXXXXMXXXXXXXXXXXXXXXXXXXX         |                      |    | 181.07                                   |
| 07137000   | Frontier Ditch near Coolidge, Kans-----    |  |   |   |   |   |   |   |   |   | XXXXXXXXXXXXXXXXXXXXXXXXXXXXMXXXXXXXXXXXXXXXXXXXX         |                      |    | 13.06                                    |

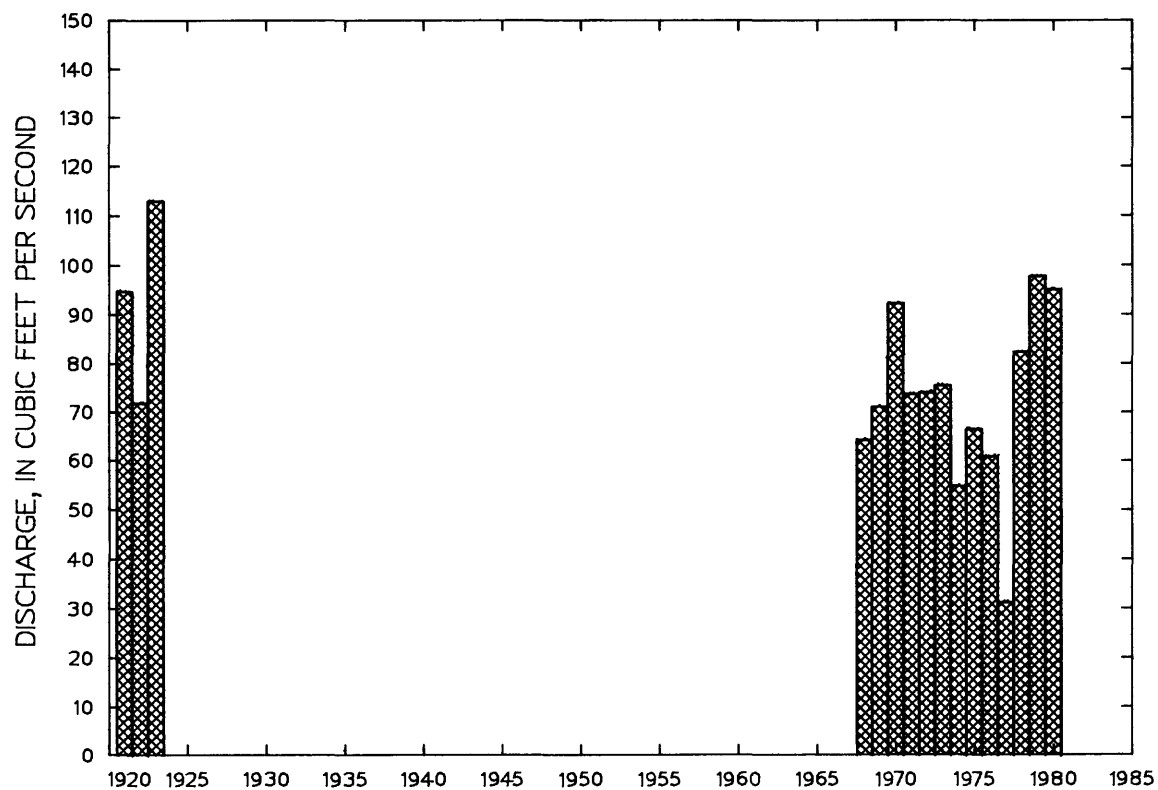


Figure 55.--Annual mean discharge for the Arkansas River near Leadville.

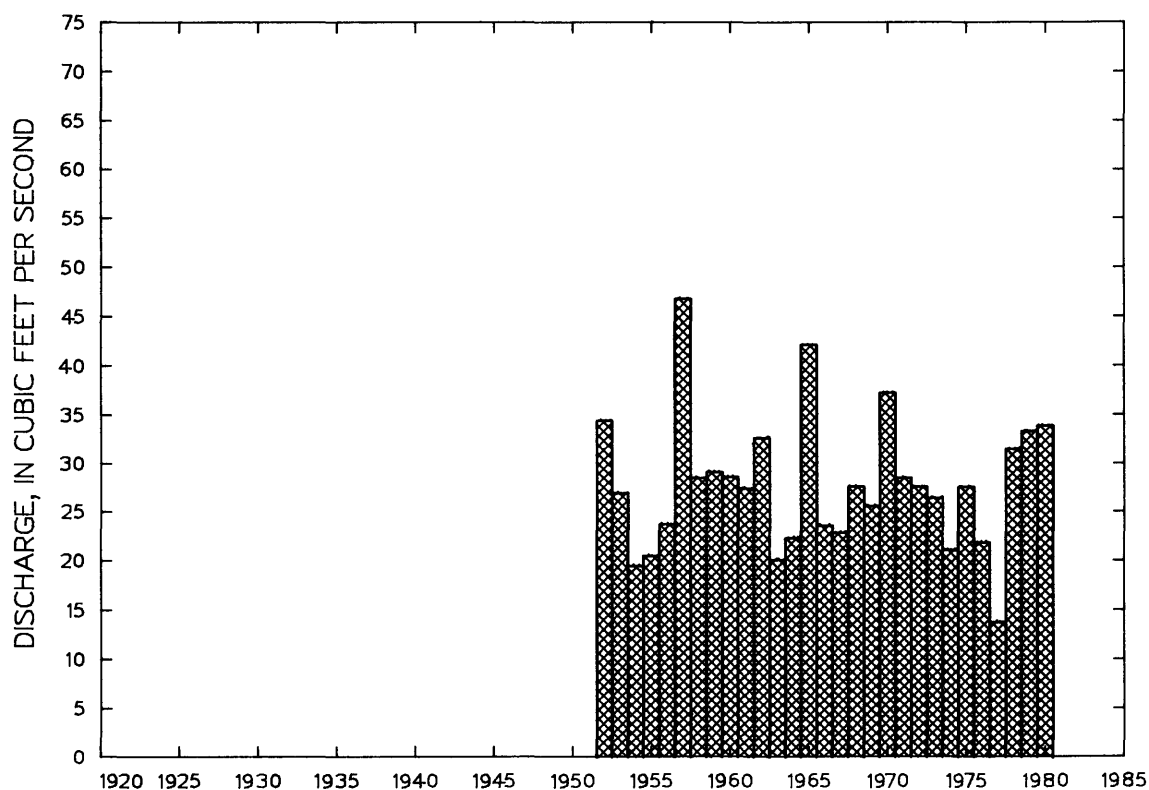


Figure 56.--Annual mean discharge for station 07083000, Halfmoon Creek near Malta.

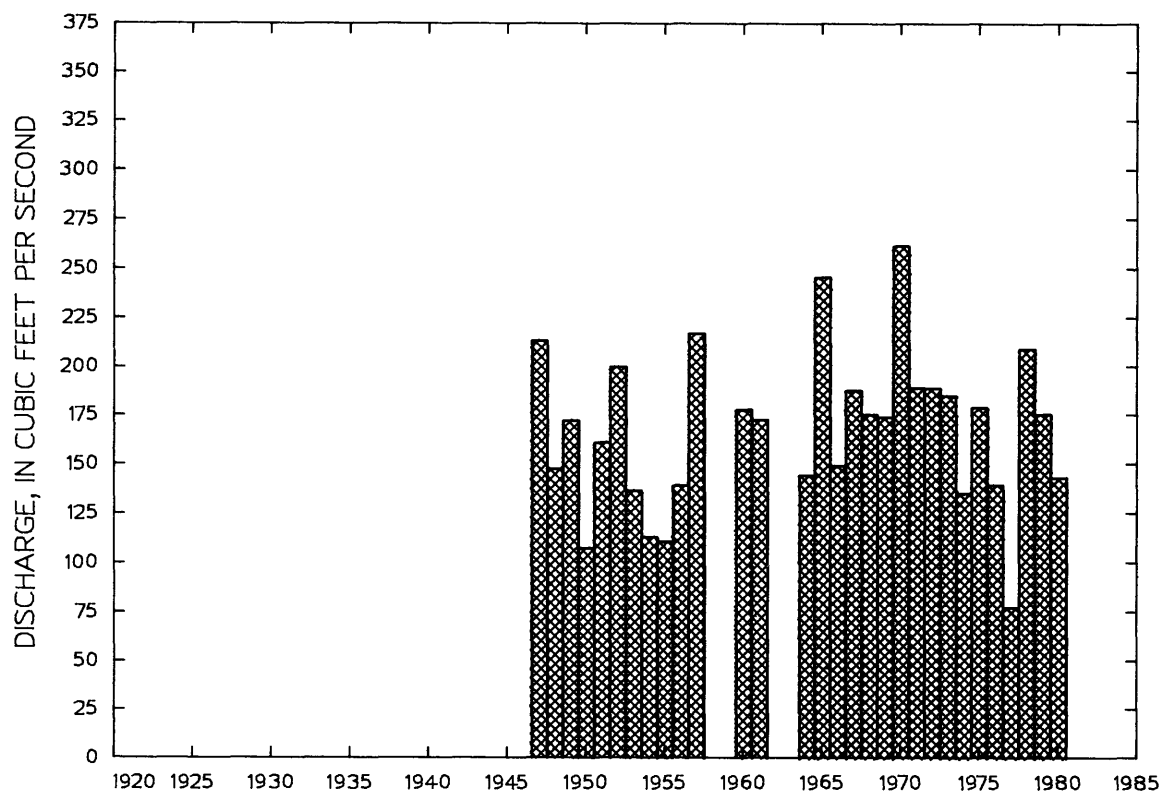


Figure 57.--Annual mean discharge for station 07084500,  
Lake Creek above Twin Lakes Reservoir.

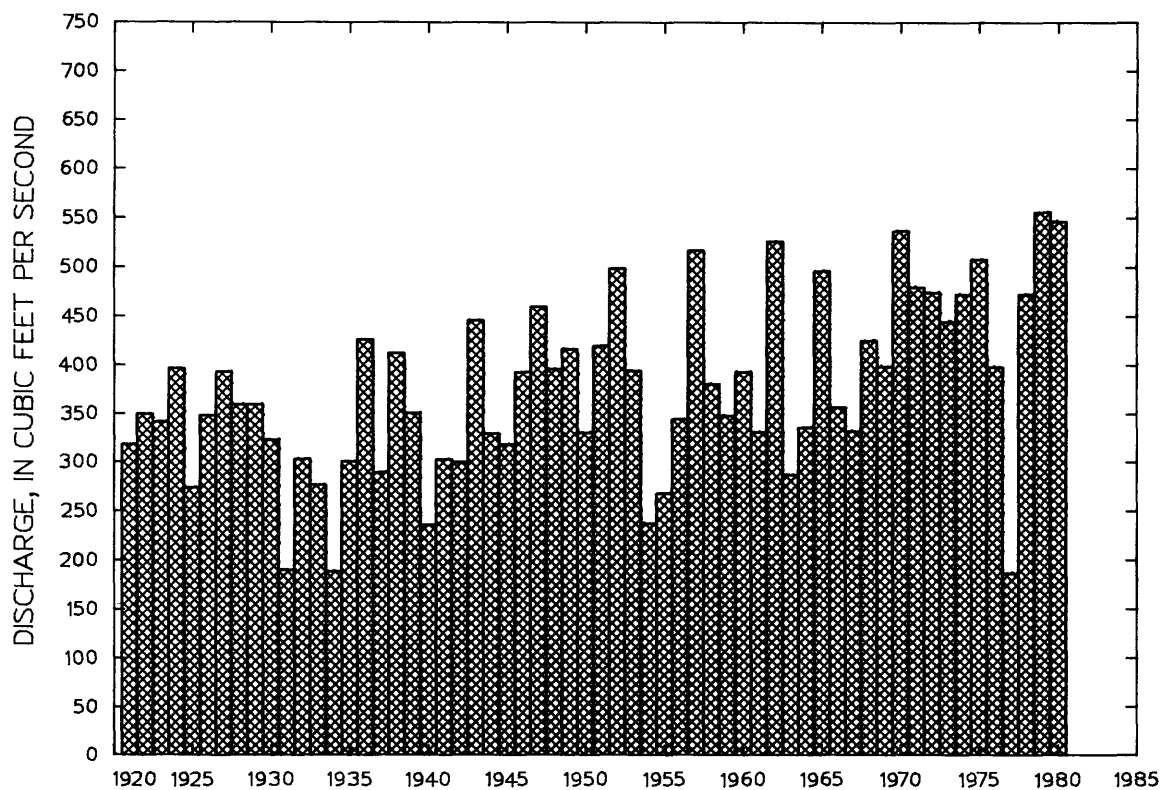


Figure 58.--Annual mean discharge for station 07086000,  
Arkansas River at Granite.

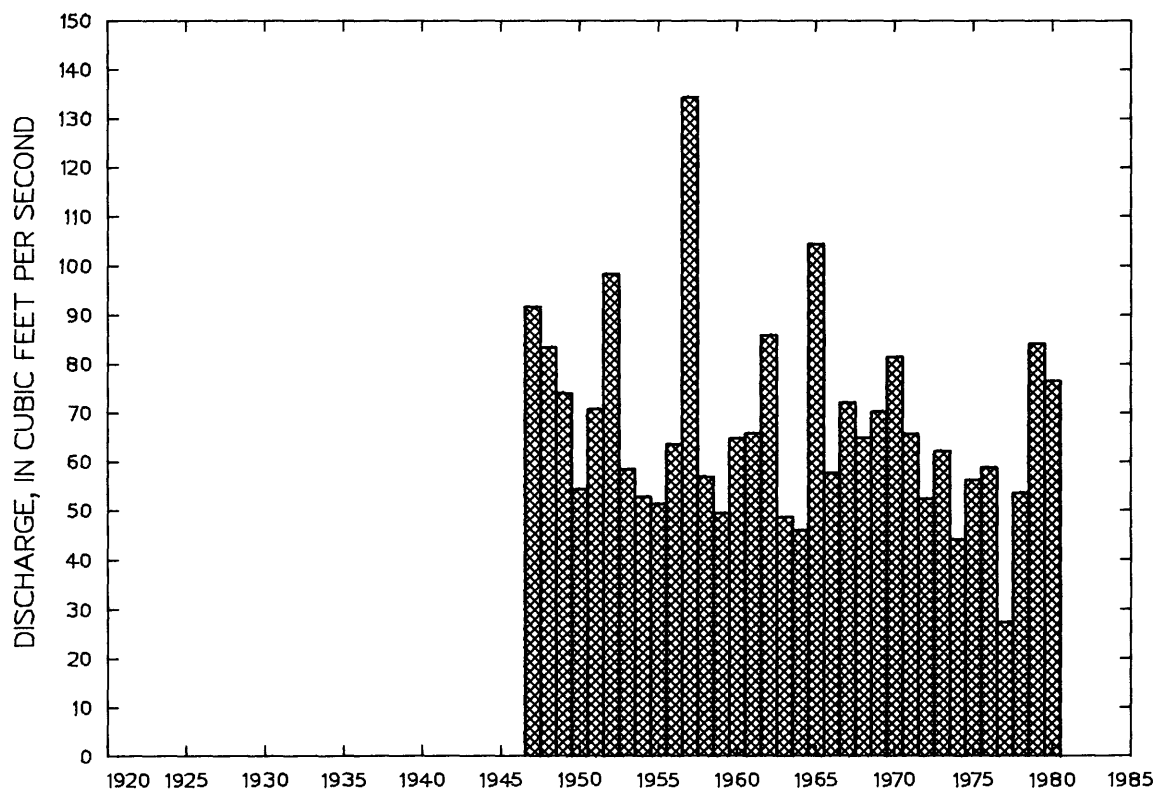


Figure 59.--Annual mean discharge for station 07086500,  
Clear Creek above Clear Creek Reservoir.

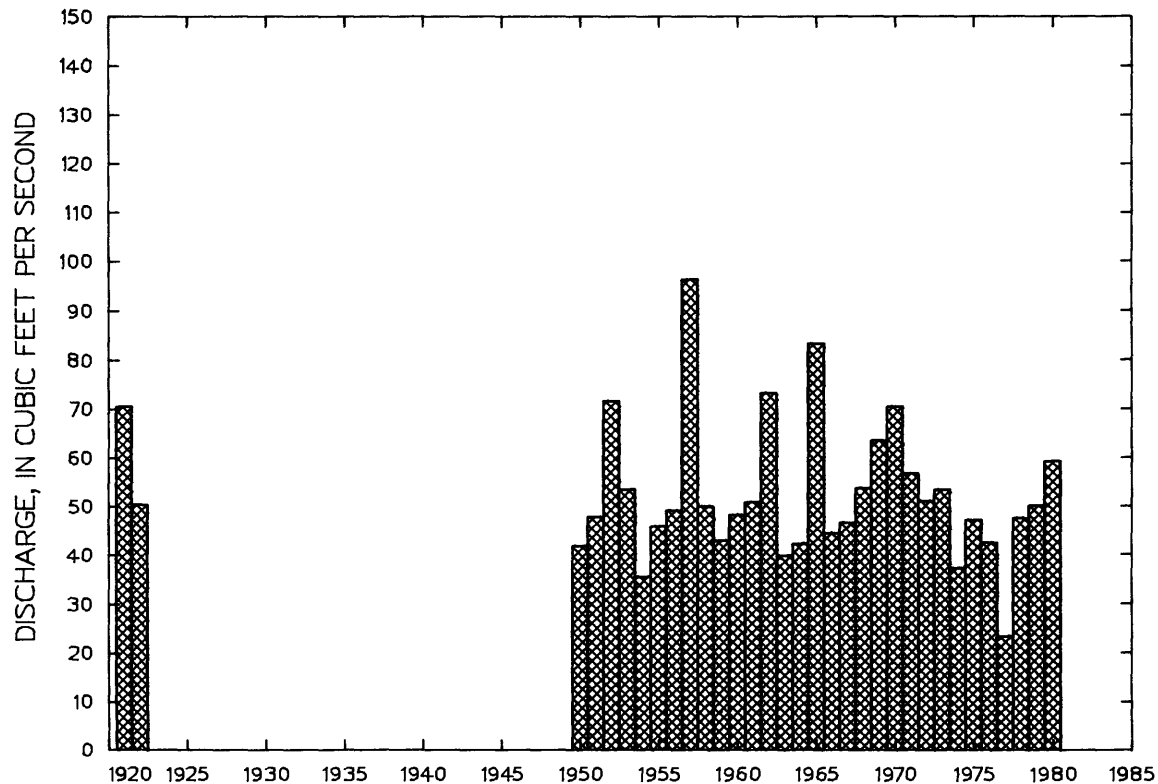


Figure 60.--Annual mean discharge for station 07089000,  
Cottonwood Creek below Hot Springs.

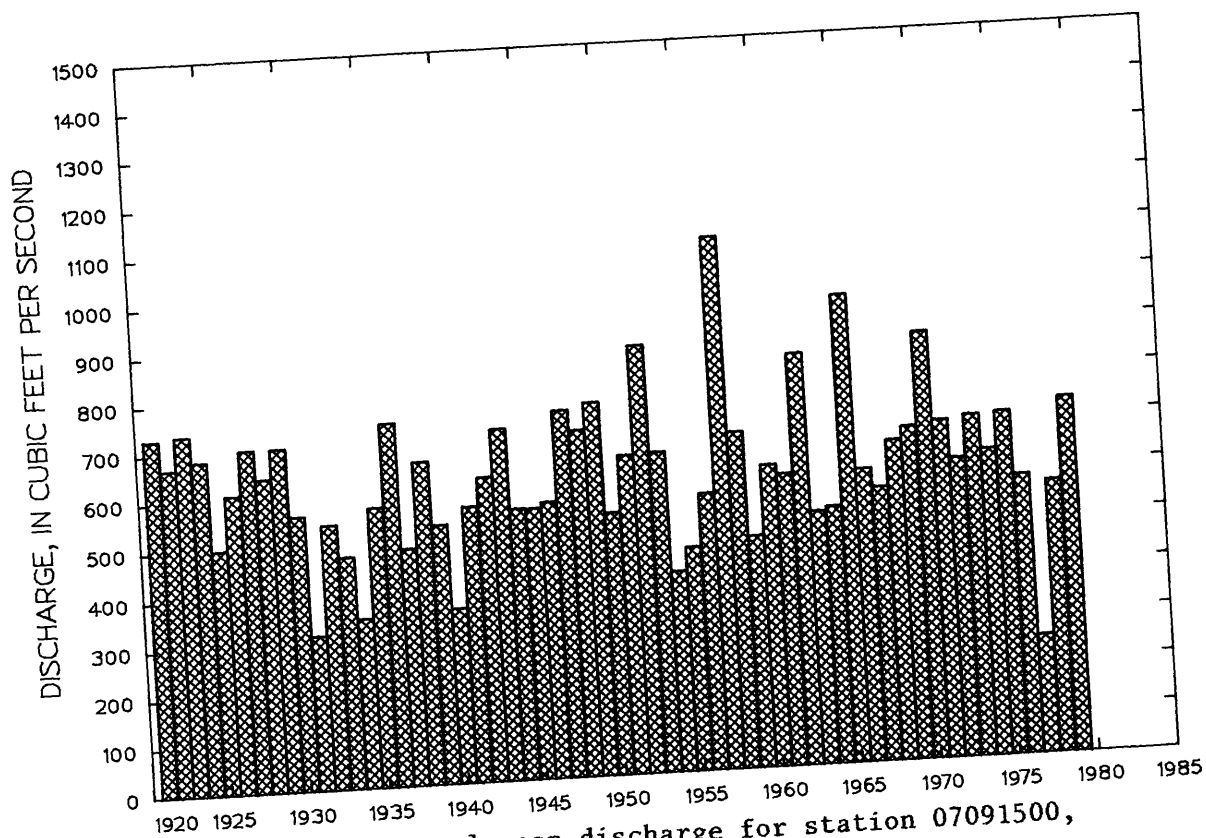


Figure 61.--Annual mean discharge for station 07091500, Arkansas River at Salida.

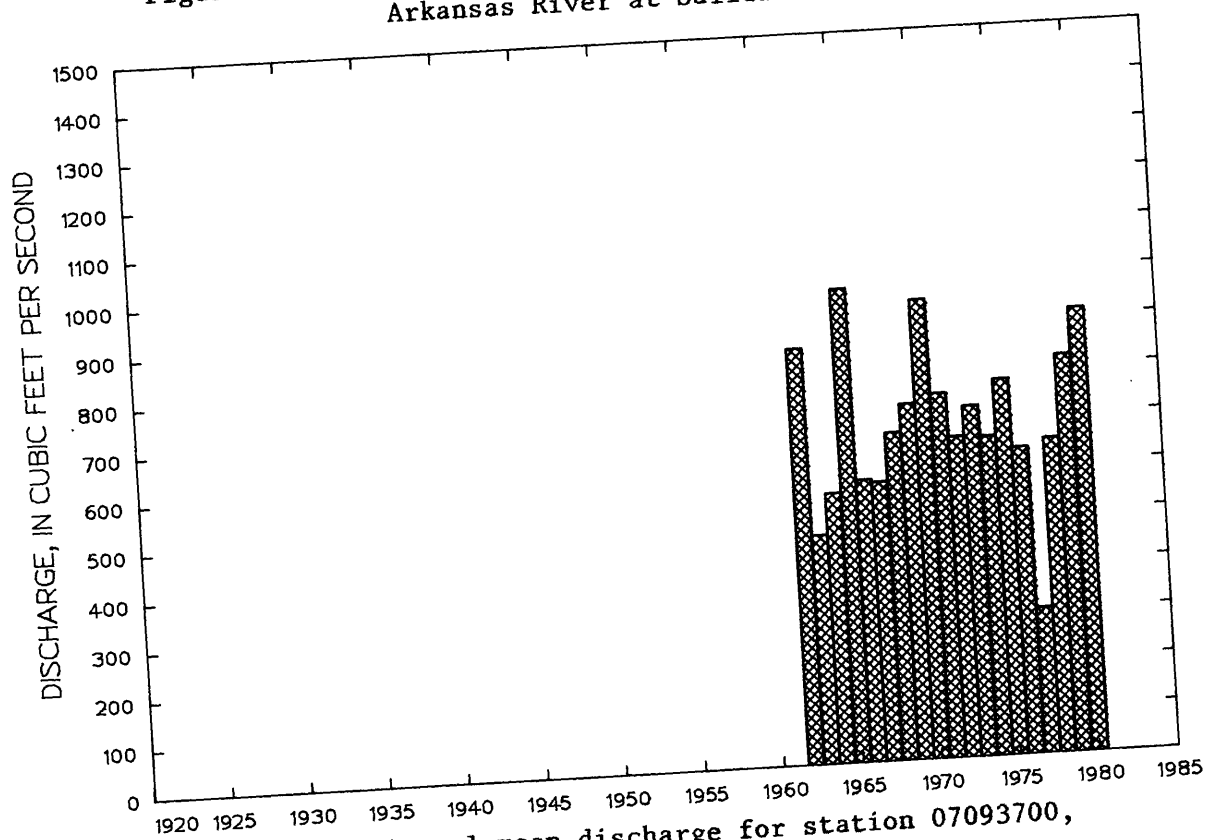


Figure 62.--Annual mean discharge for station 07093700, Arkansas River near Wellsville.



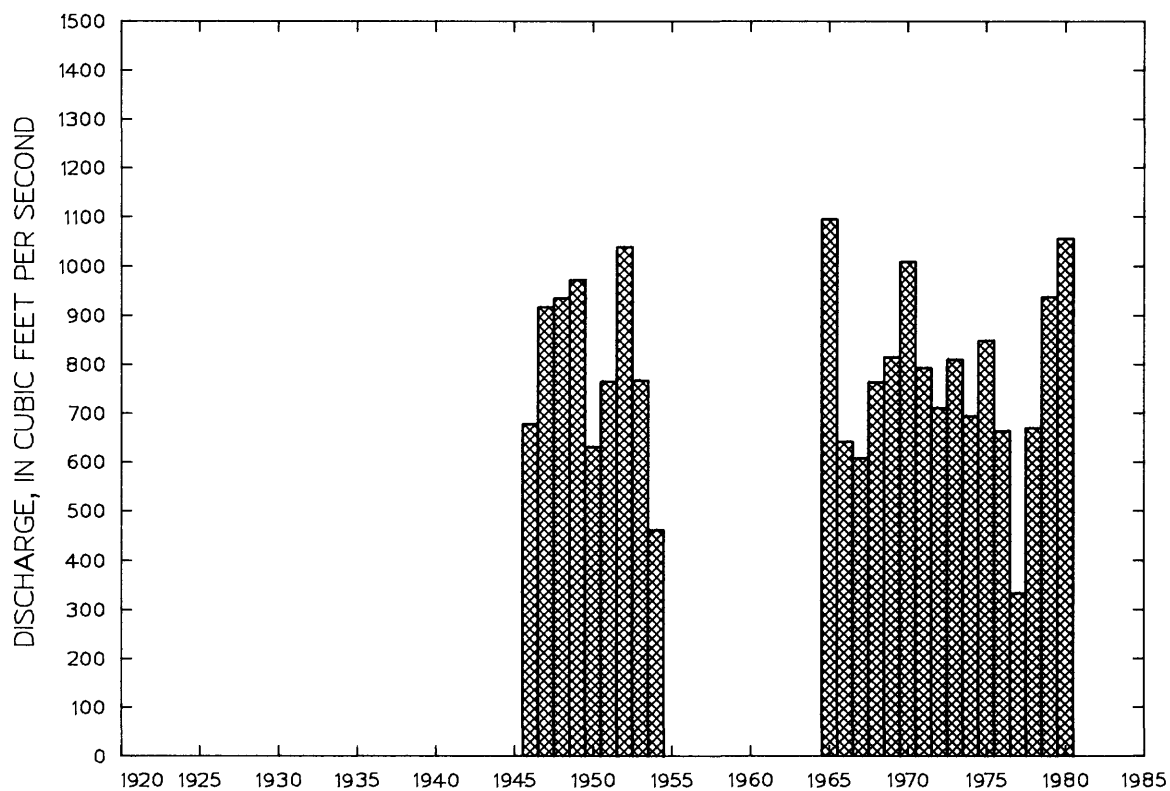


Figure 63.--Annual mean discharge for station 07094500,  
Arkansas River at Parkdale.

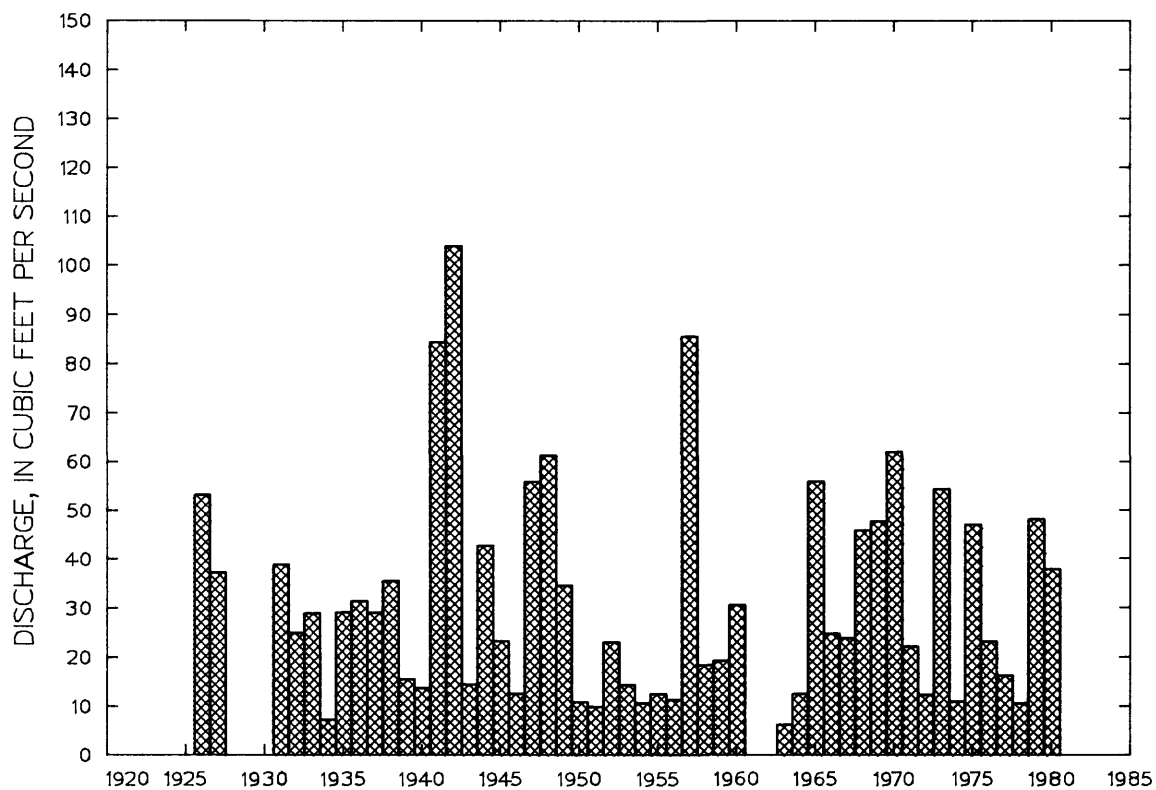


Figure 64.--Annual mean discharge for station 07095000,  
Grape Creek near Westcliffe.

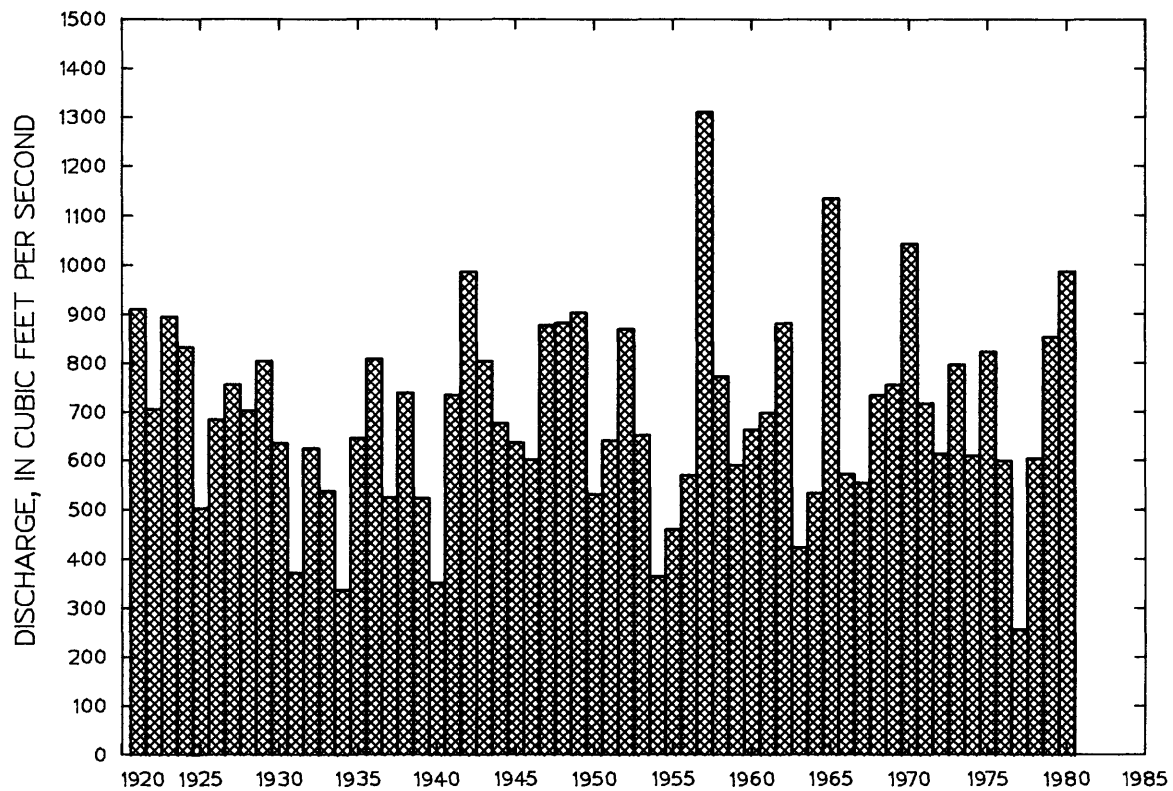


Figure 65.--Annual mean discharge for station 07096000,  
Arkansas River at Canon City.

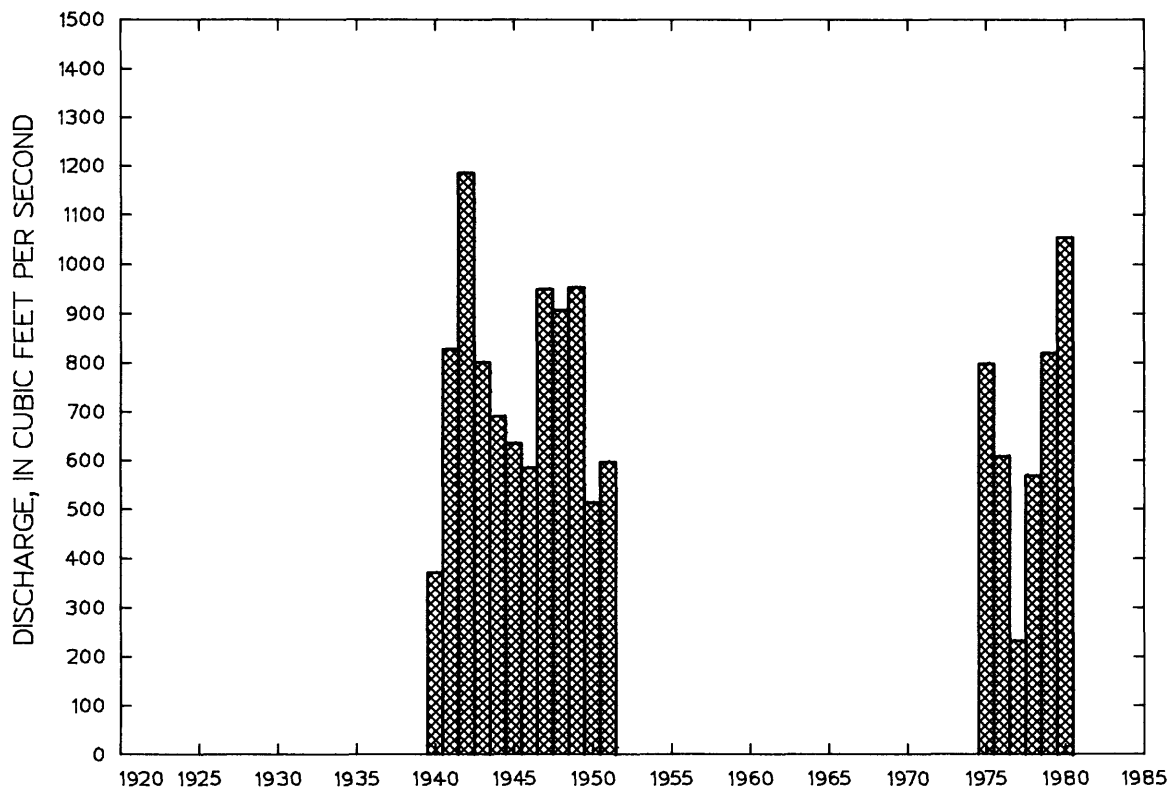


Figure 66.--Annual mean discharge for station 07097000,  
Arkansas River at Portland.

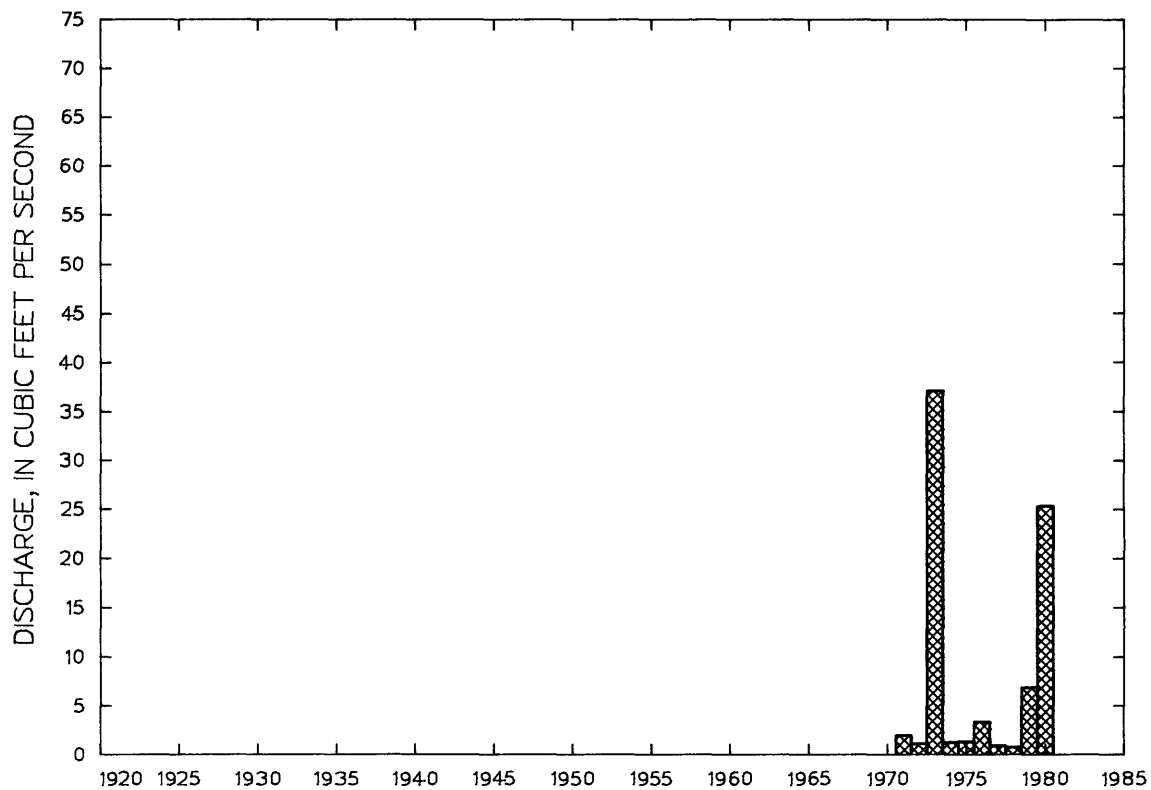


Figure 67.--Annual mean discharge for station 07099100,  
Beaver Creek near Portland.

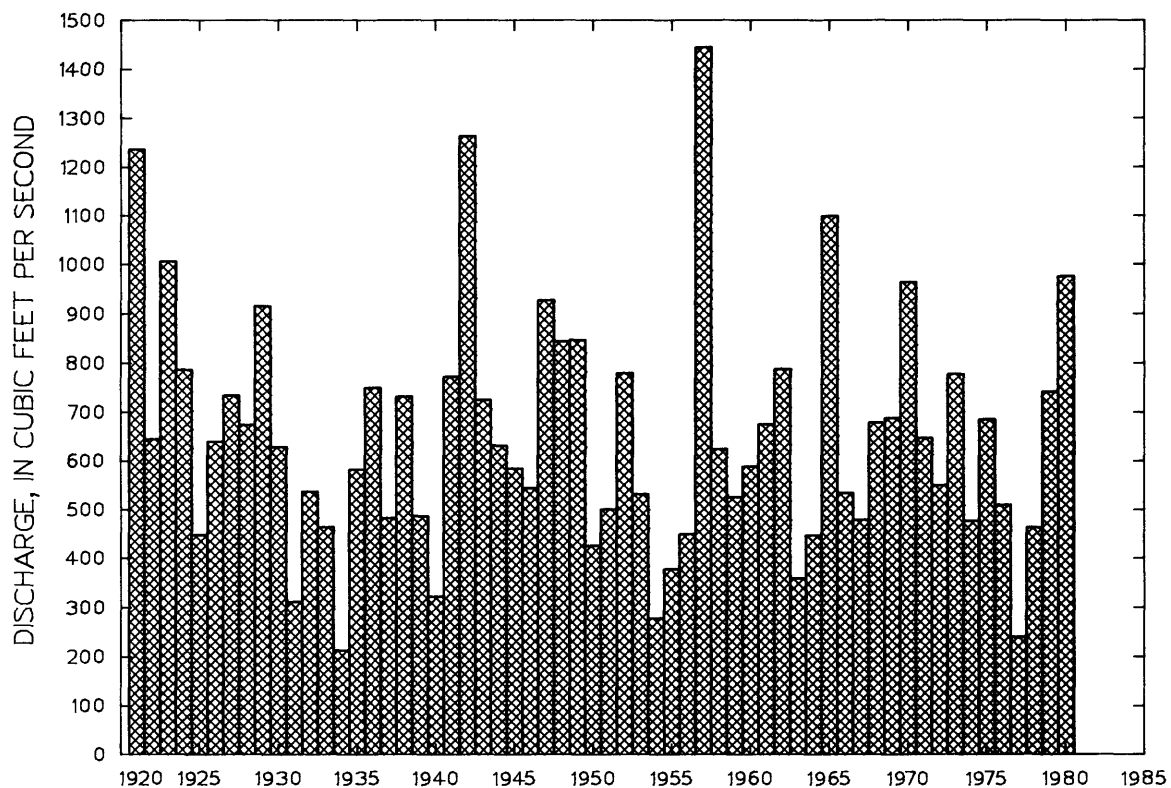


Figure 68.--Annual mean discharge for the  
Arkansas River near Pueblo.

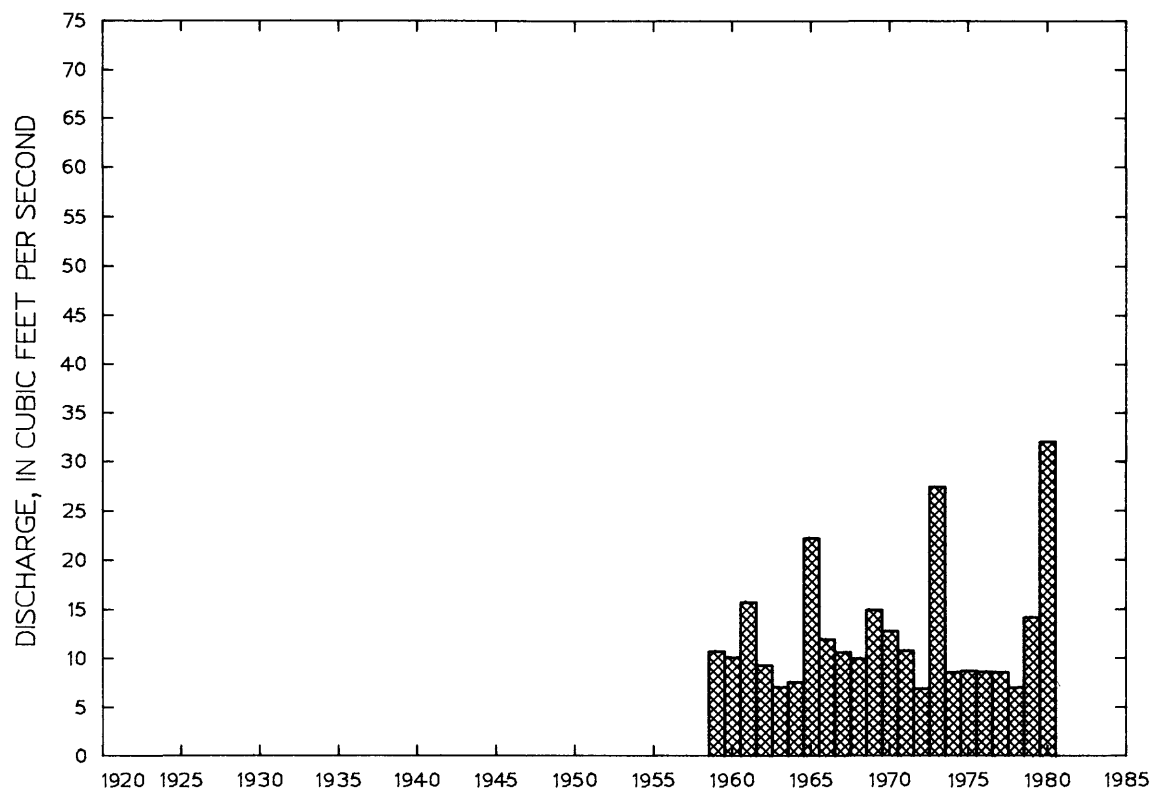


Figure 69.--Annual mean discharge for station 07103700,  
Fountain Creek near Colorado Springs.

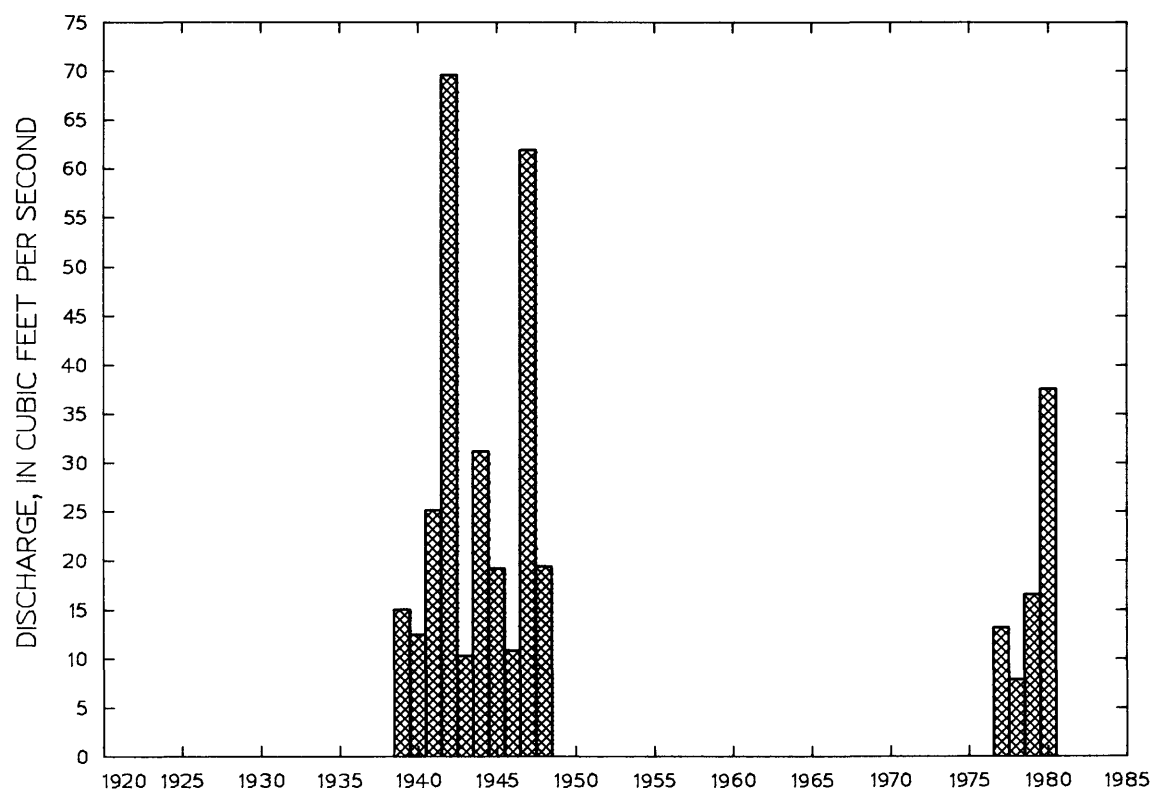


Figure 70.--Annual mean discharge for station 07104000,  
Monument Creek at Pikeview.

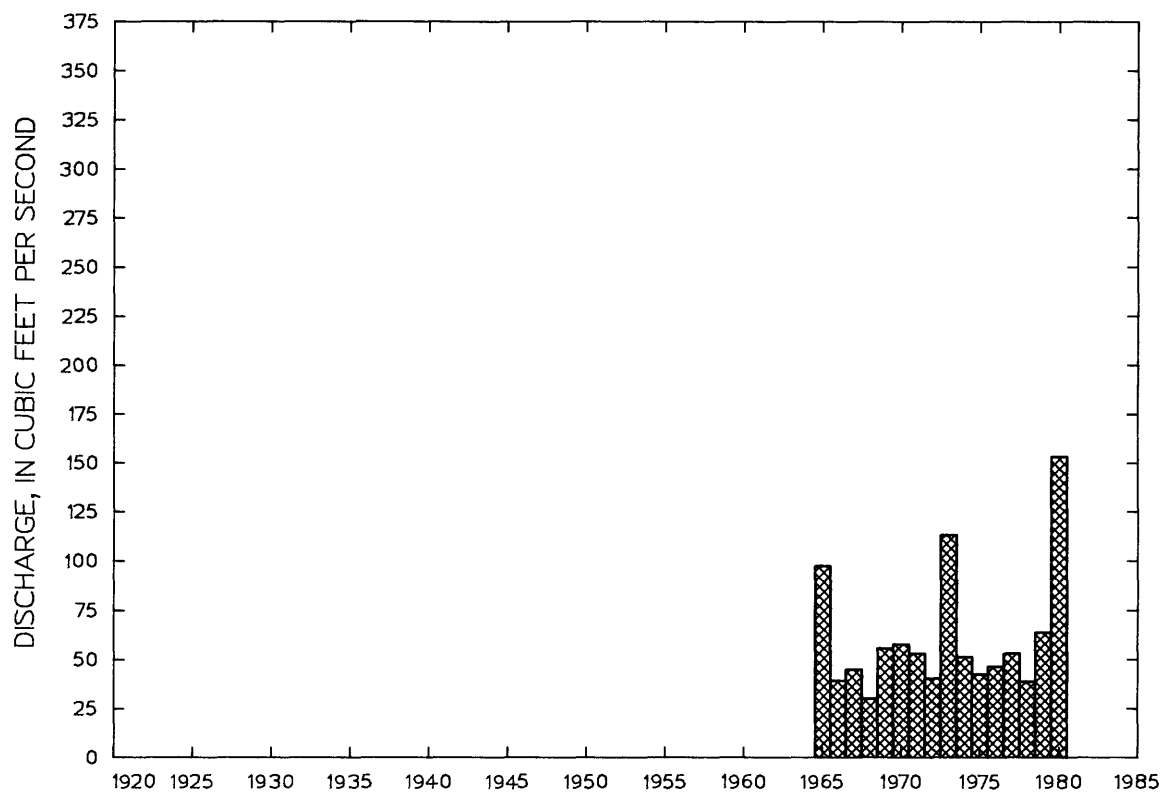


Figure 71.--Annual mean discharge for station 07105800,  
Fountain Creek at Security.

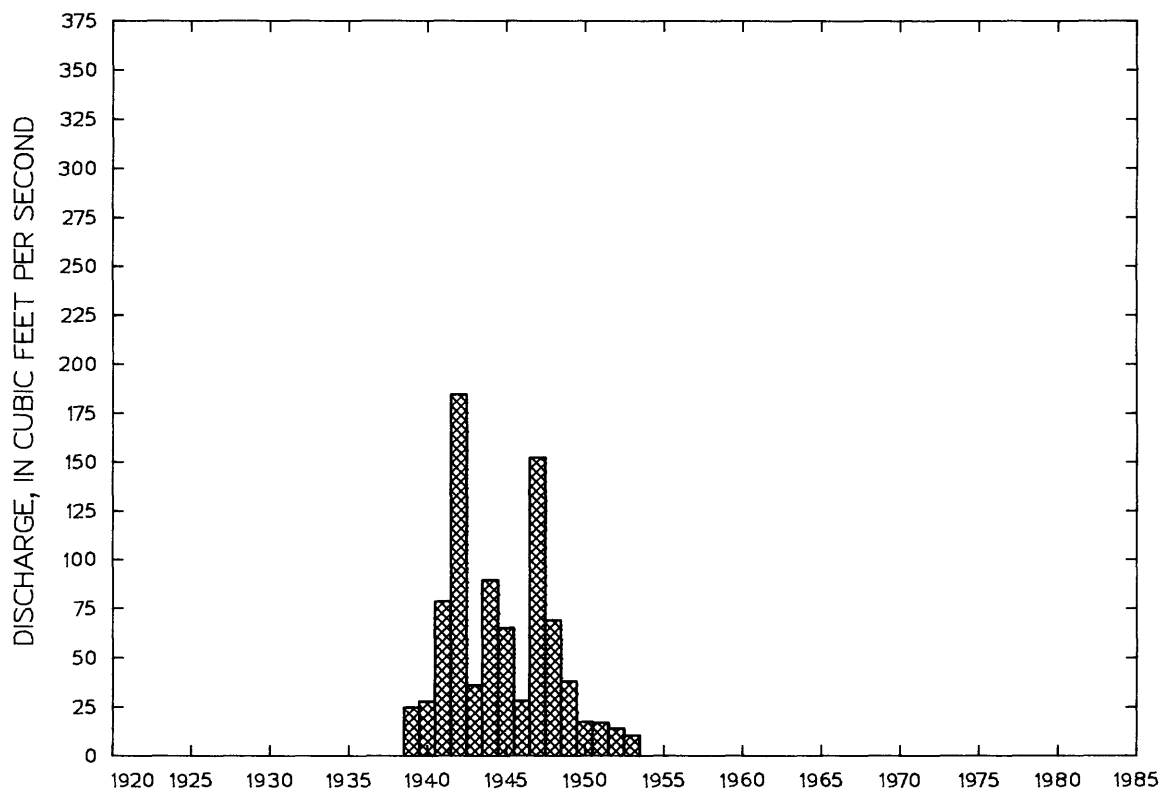


Figure 72.--Annual mean discharge for station 07106000,  
Fountain Creek near Fountain.

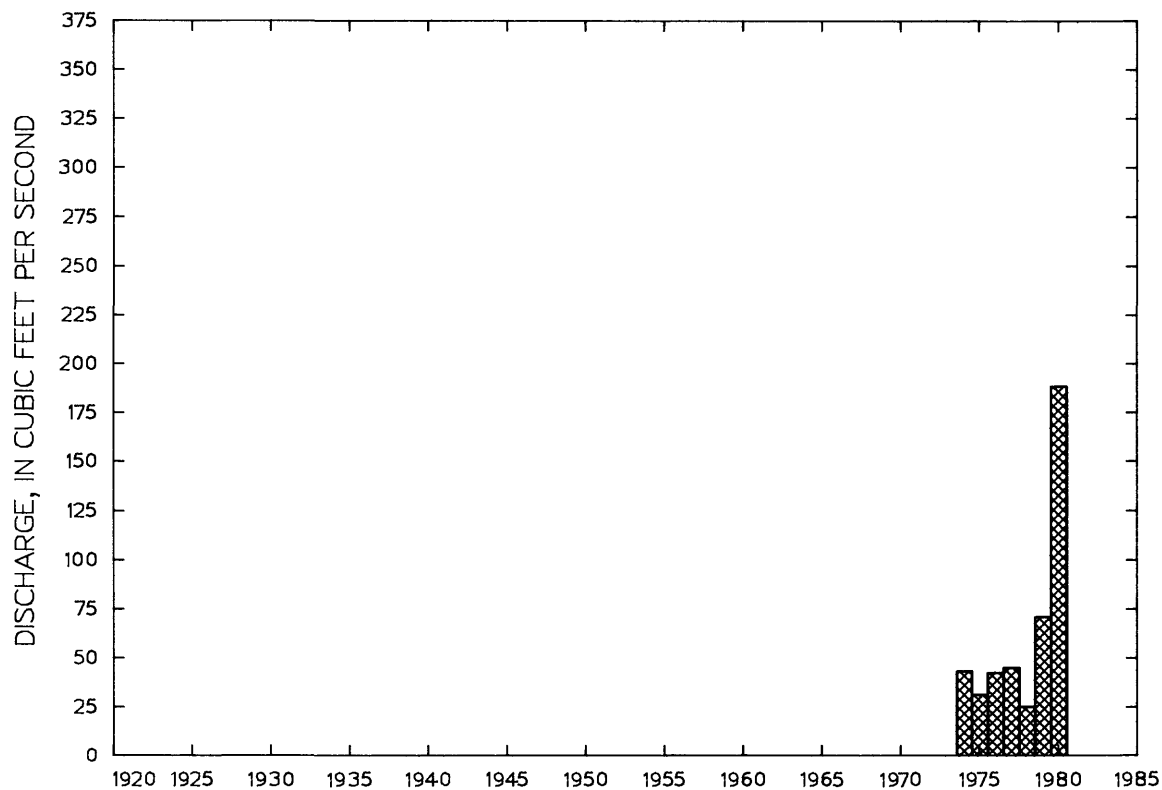


Figure 73.--Annual mean discharge for station 07106300,  
Fountain Creek near Pinon.

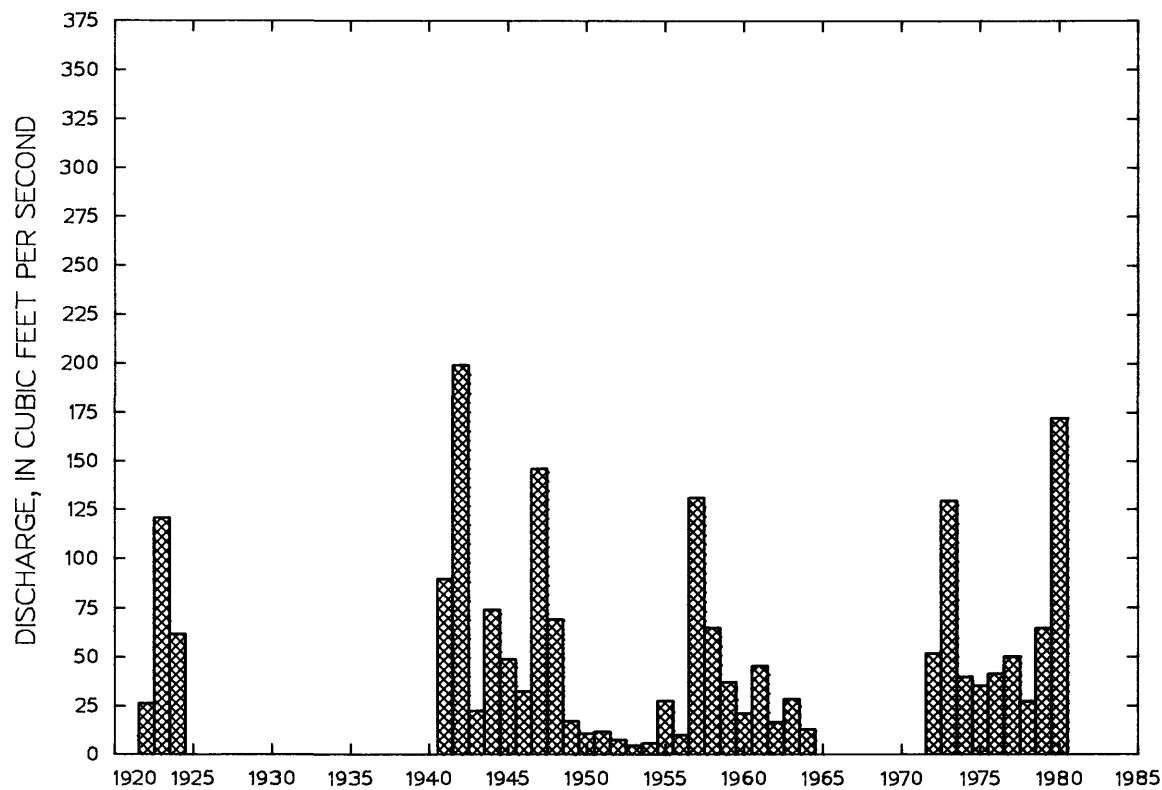


Figure 74.--Annual mean discharge for station 07106500,  
Fountain Creek at Pueblo.

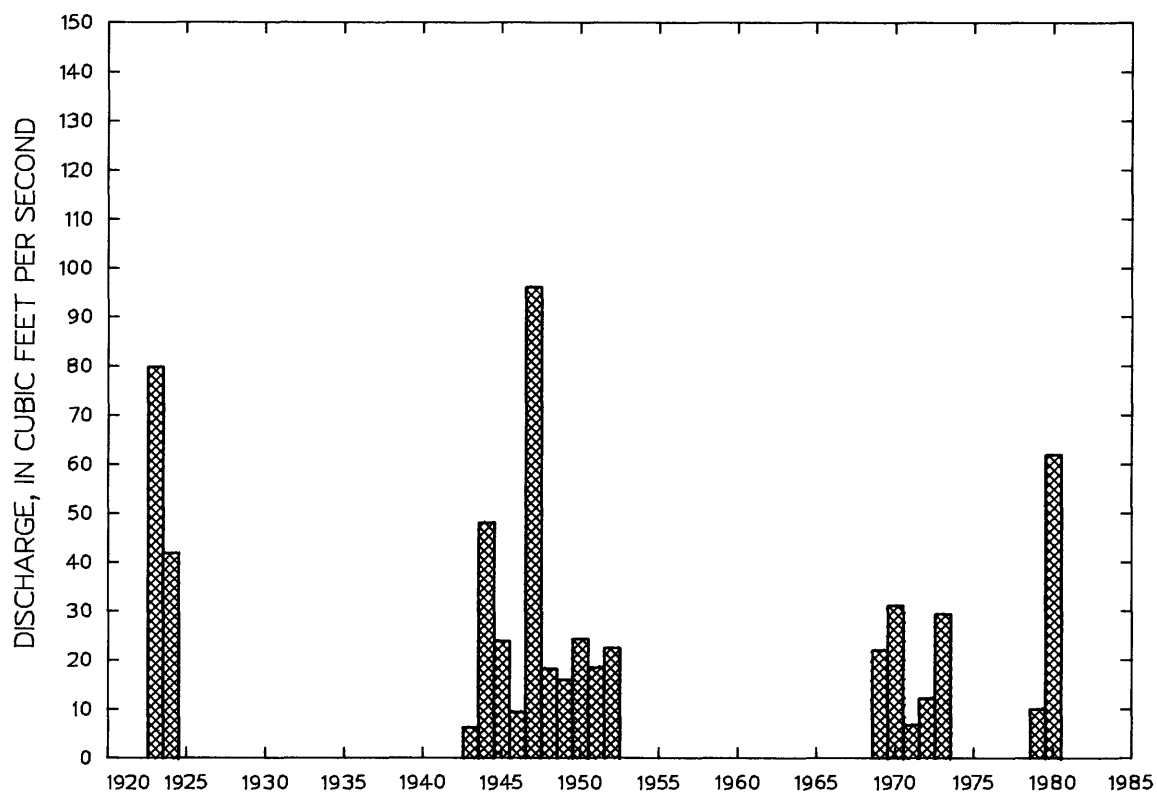


Figure 75.--Annual mean discharge for the St. Charles River near its mouth, near Pueblo.

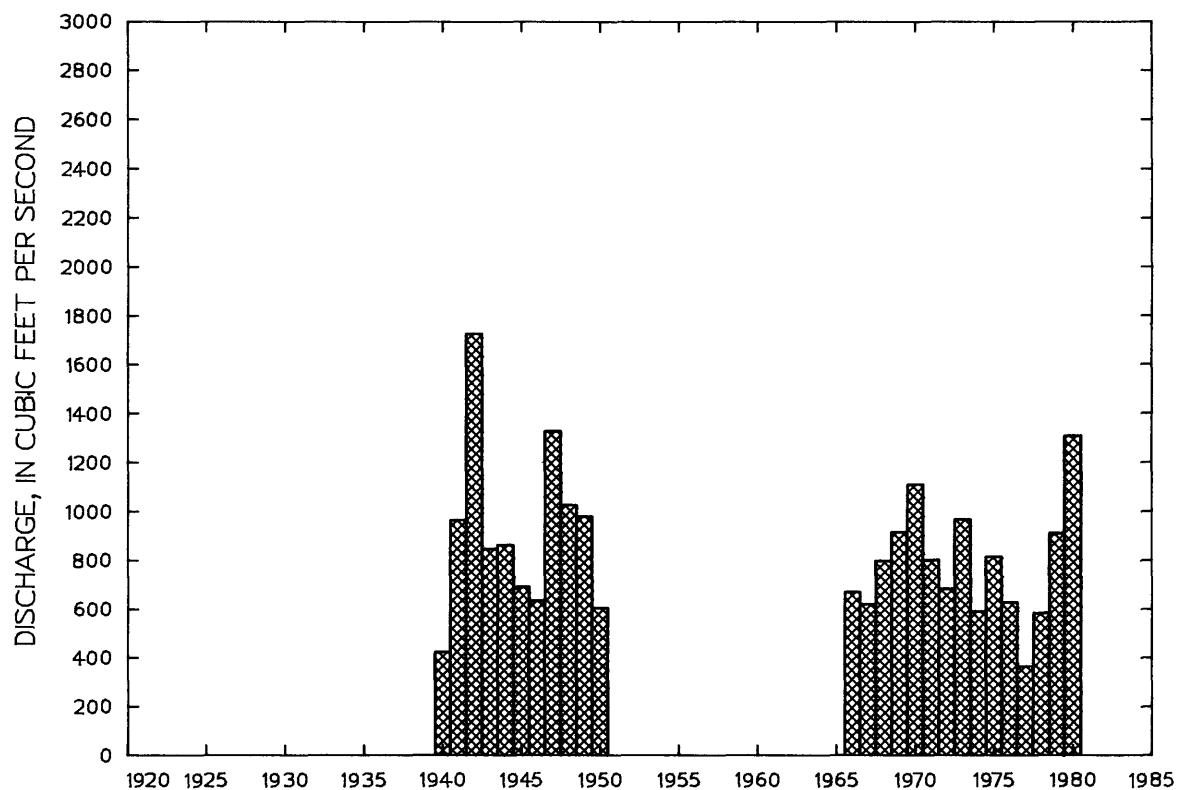


Figure 76.--Annual mean discharge for station 07109500, Arkansas River near Avondale.

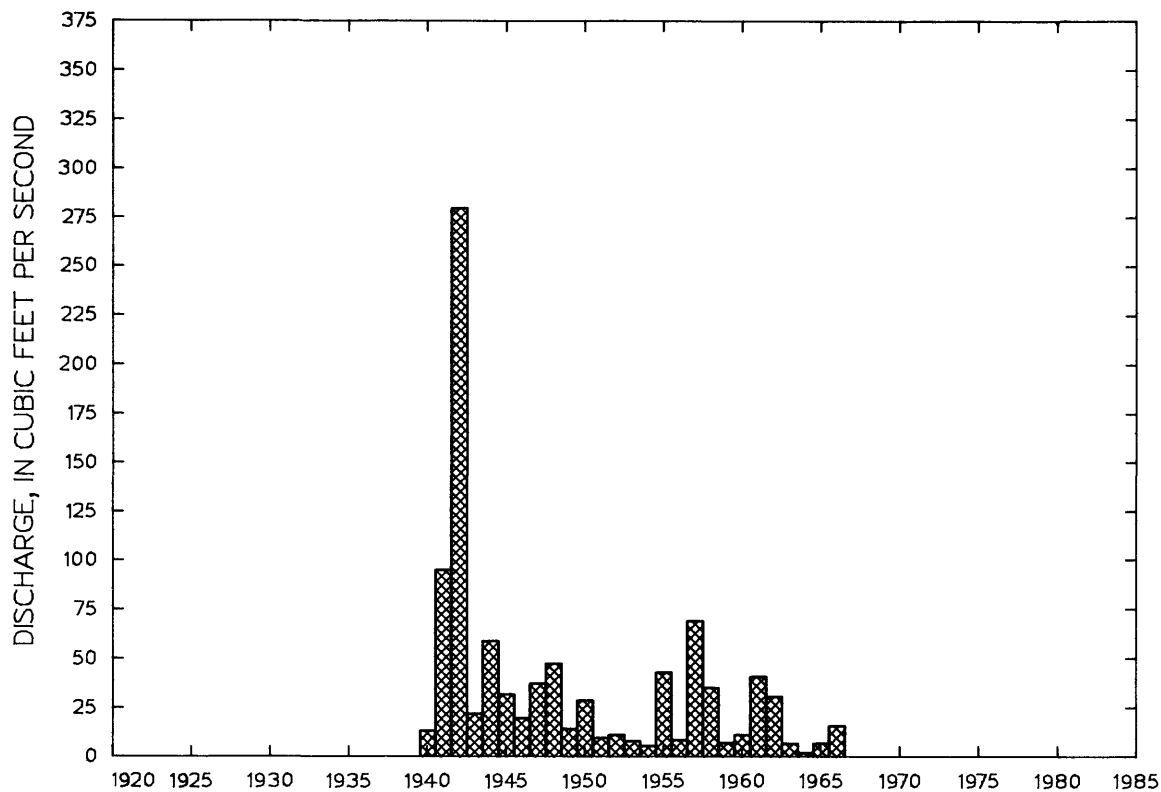


Figure 77.--Annual mean discharge for station 07116000,  
Huerfano River below Huerfano Valley Dam.

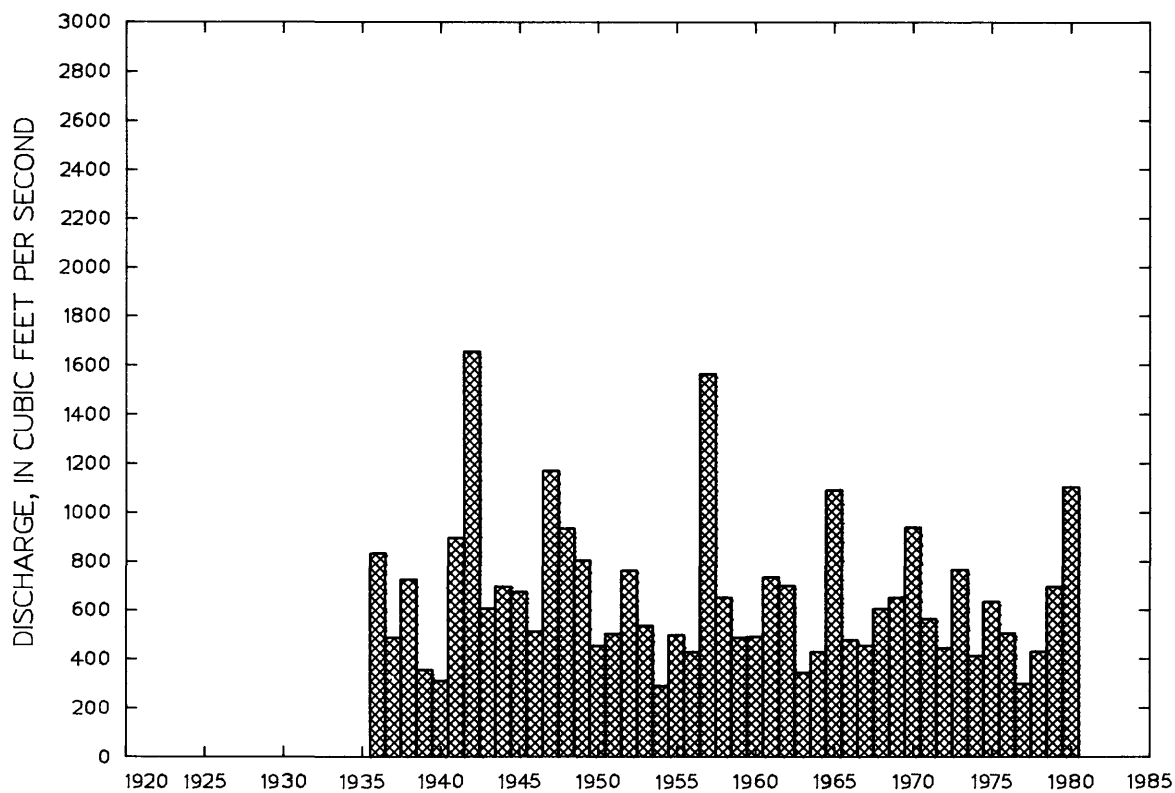


Figure 78.--Annual mean discharge for station 07117000,  
Arkansas River near Nepesta.



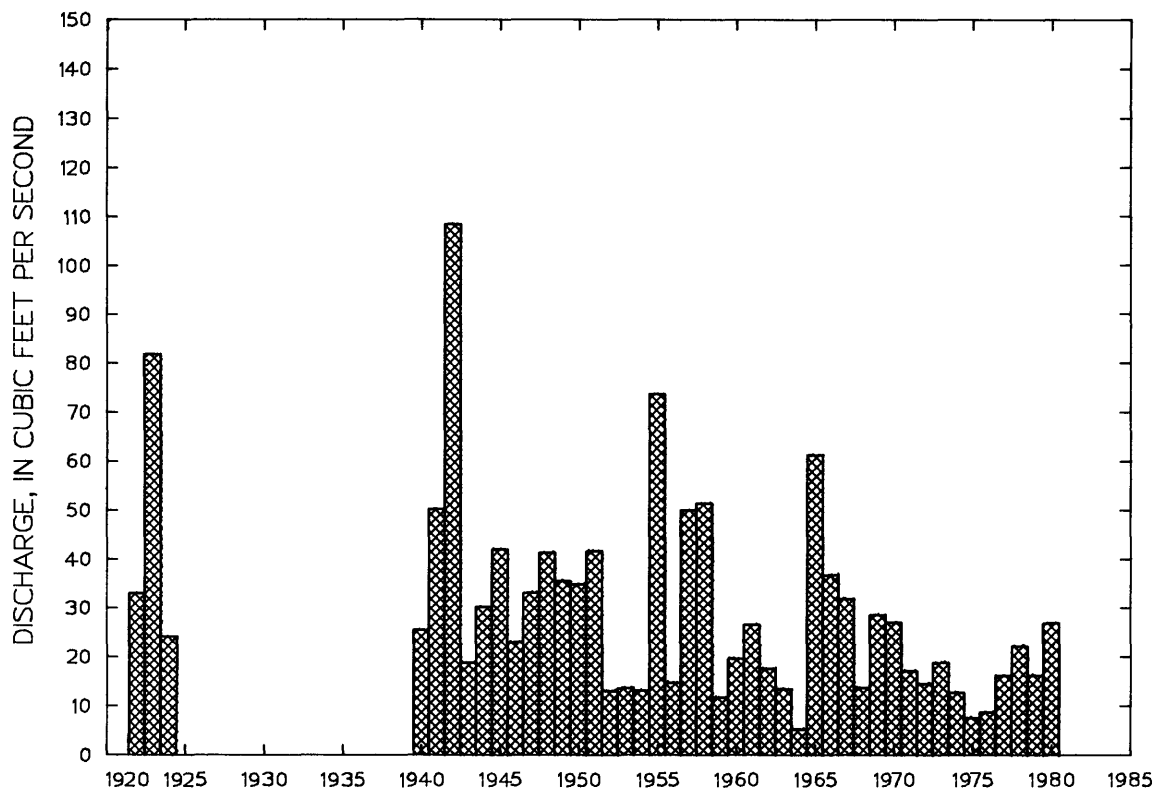


Figure 79.--Annual mean discharge for station 07119500,  
Apishapa River near Fowler.

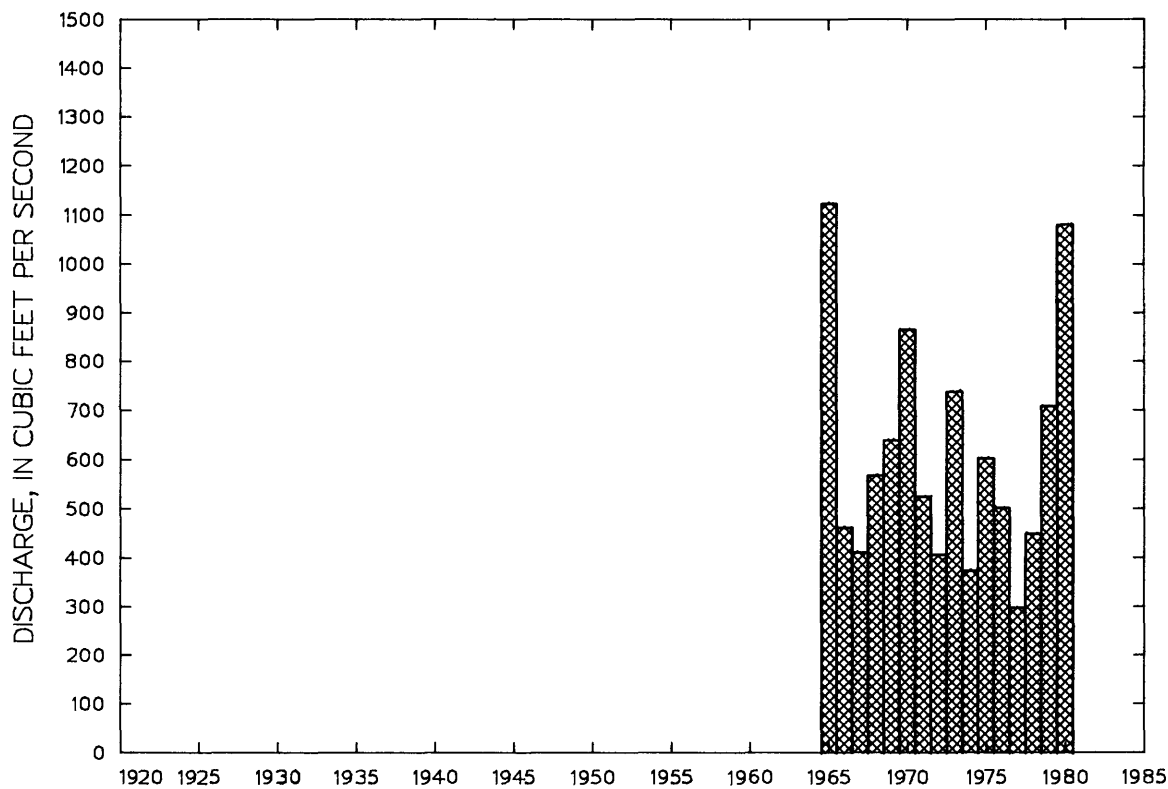


Figure 80.--Annual mean discharge for station 07119700,  
Arkansas River at Catlin Dam.

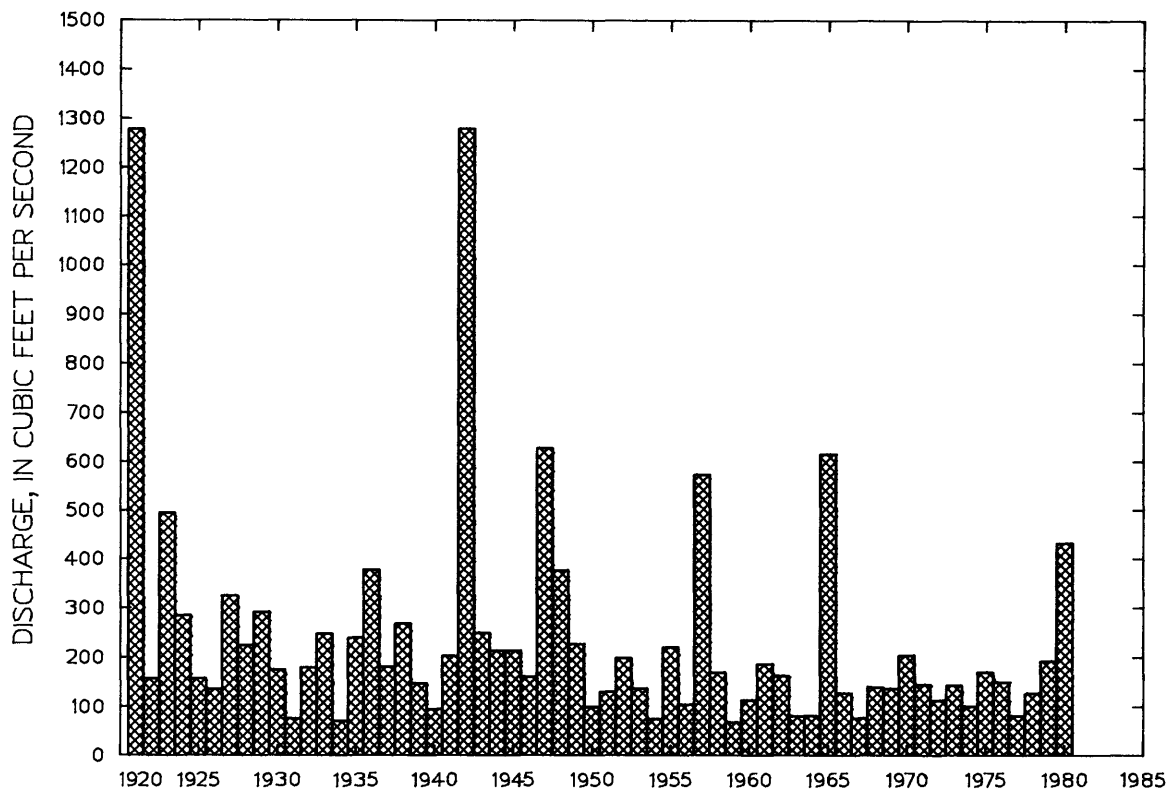


Figure 81.--Annual mean discharge for station 07123000,  
Arkansas River at La Junta.

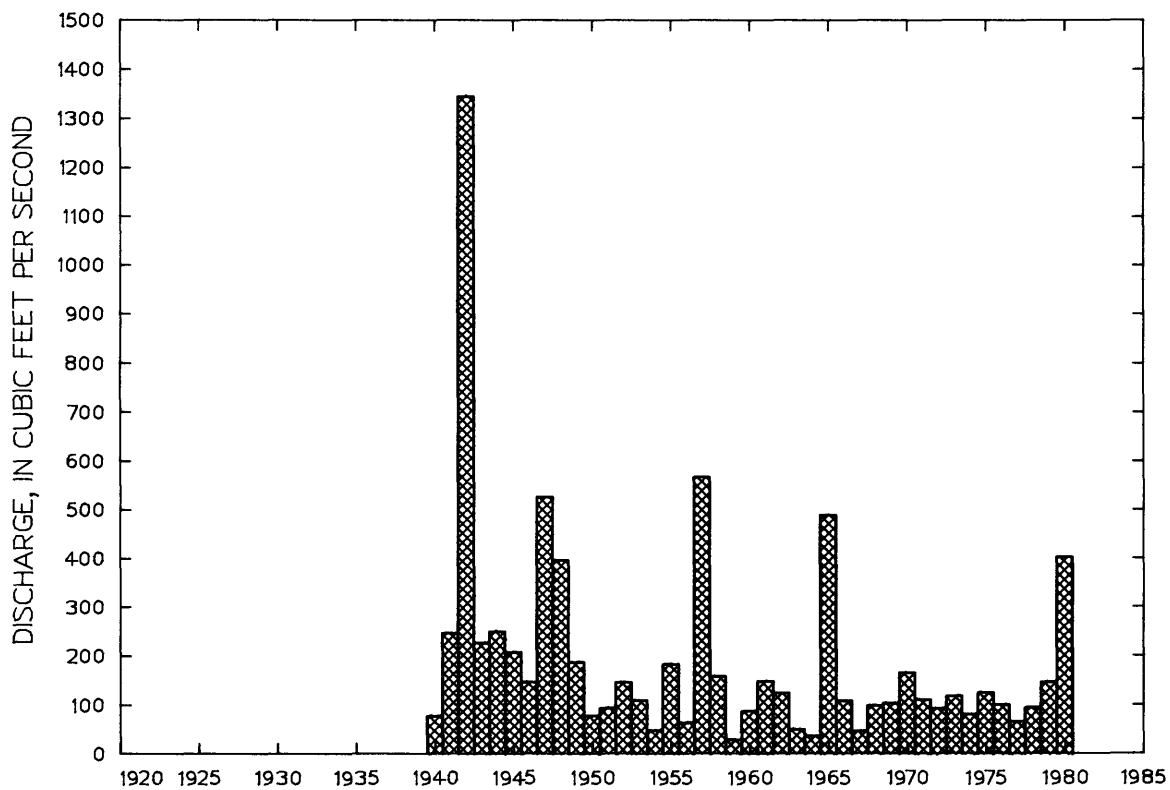


Figure 82.--Annual mean discharge for station 07124000,  
Arkansas River at Las Animas.

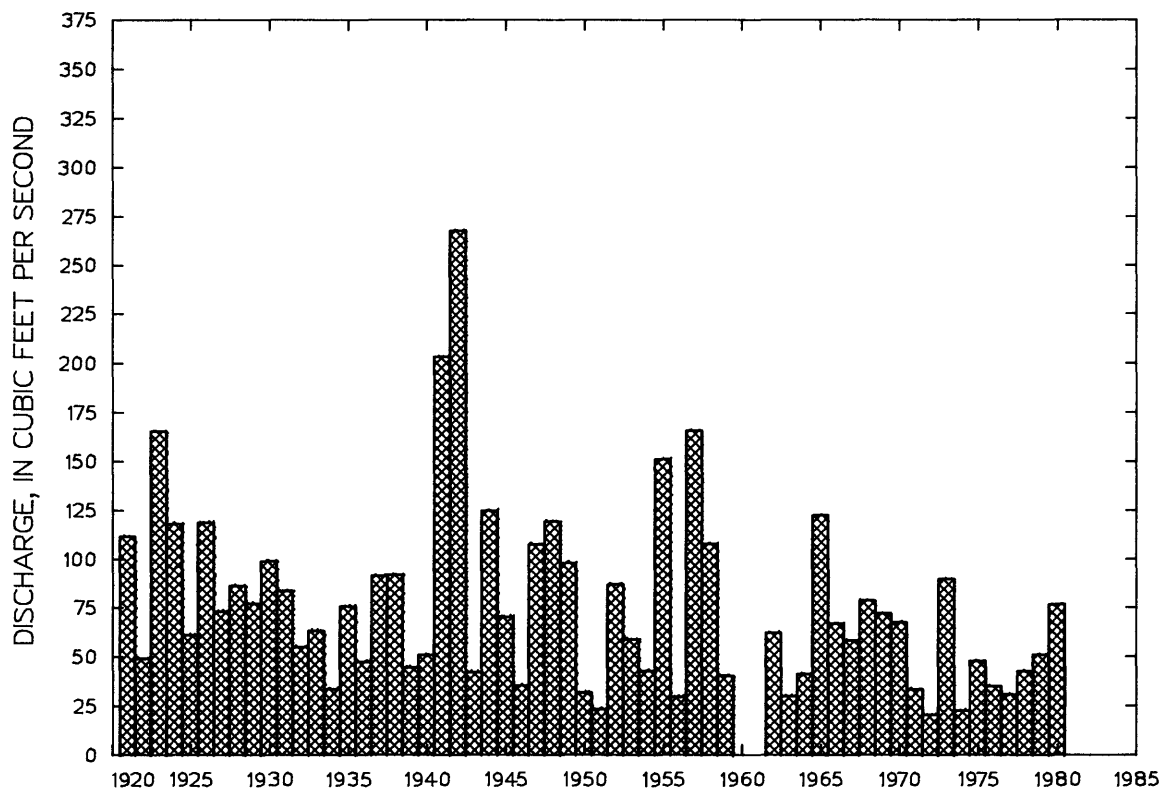


Figure 83.--Annual mean discharge for station 07124500,  
Purgatoire River at Trinidad.

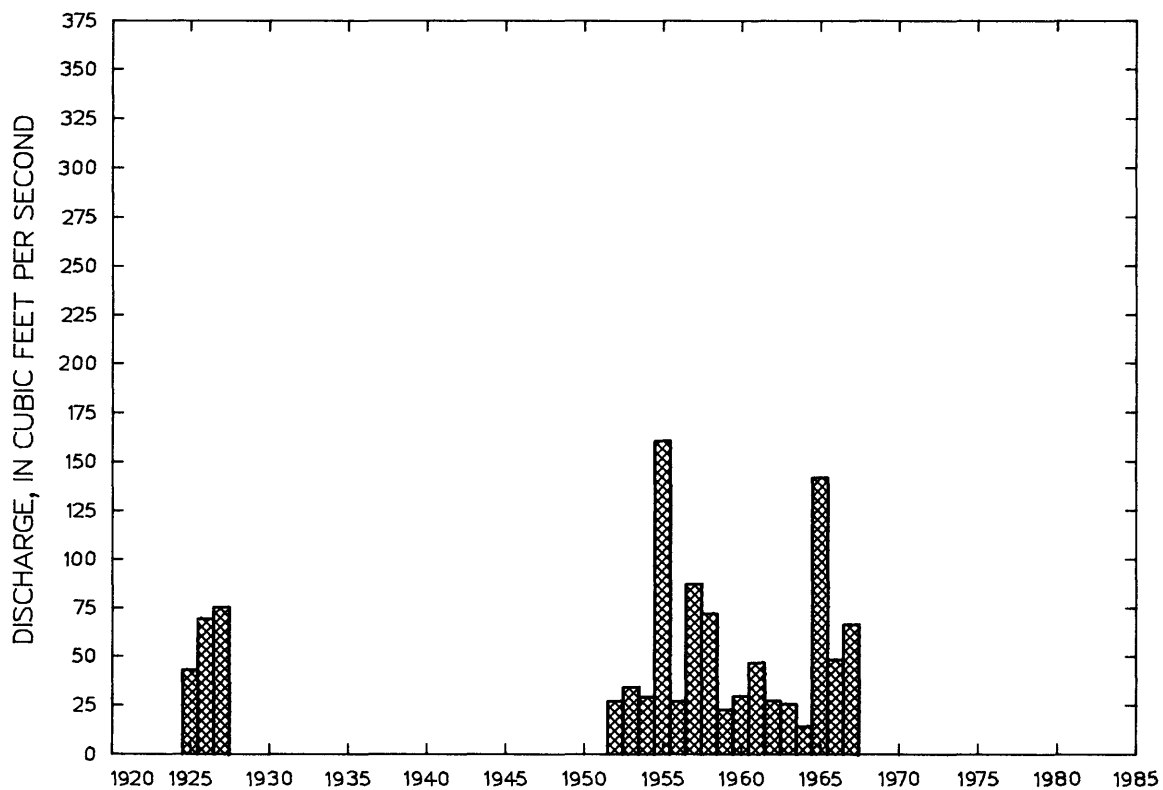


Figure 84.--Annual mean discharge for station 07126000,  
Purgatoire River near Alfalfa.

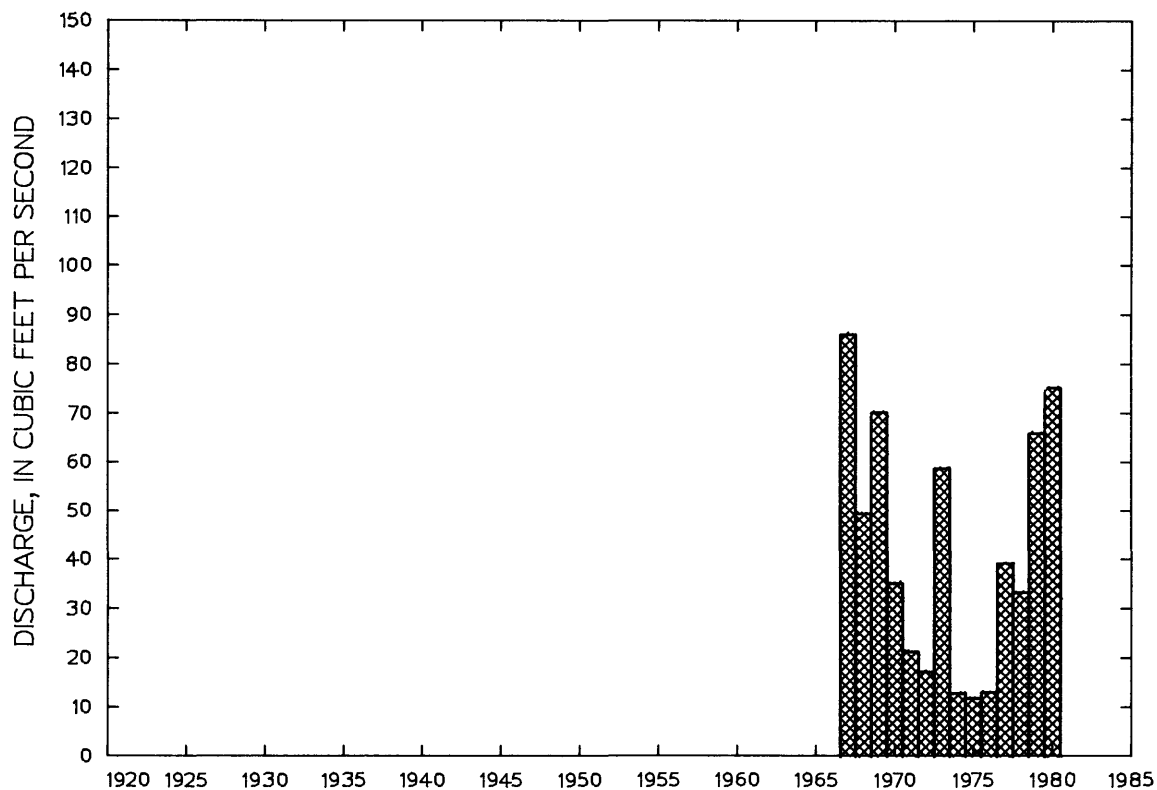


Figure 85.--Annual mean discharge for station 07126300,  
Purgatoire River near Thatcher.

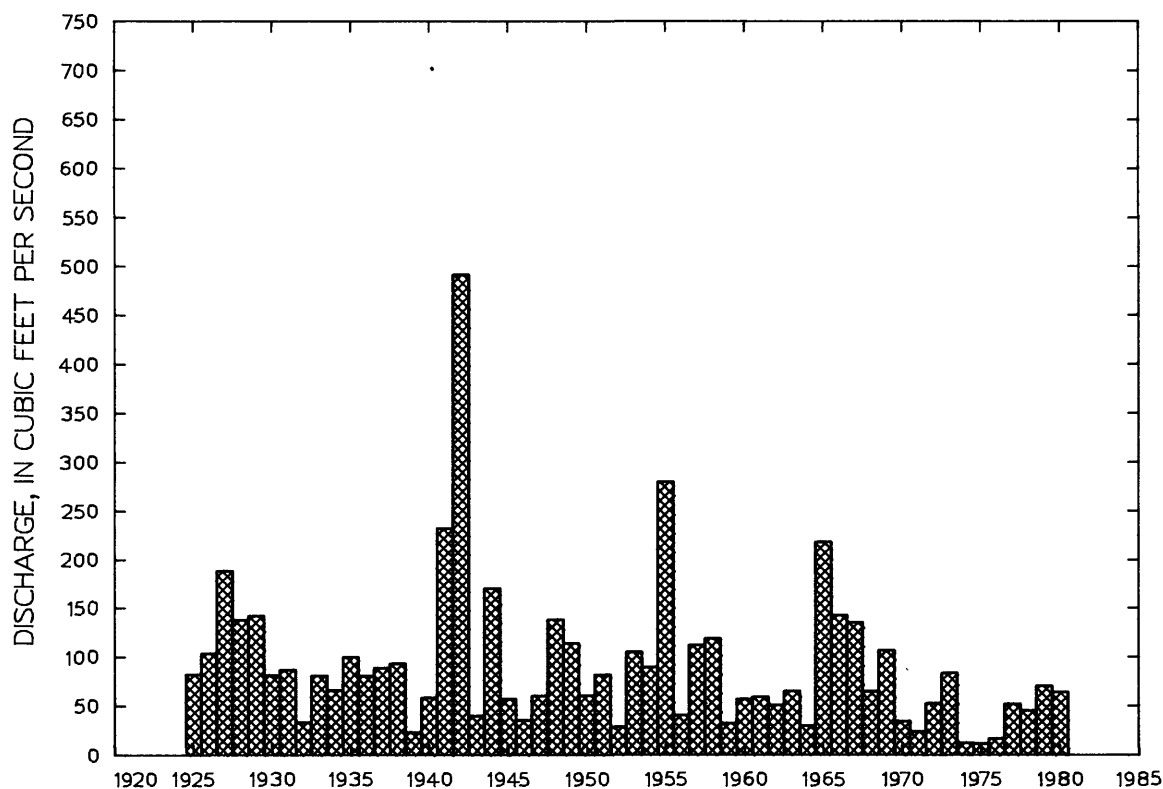


Figure 86.--Annual mean discharge for station 07126500,  
Purgatoire River at Ninemile Dam.

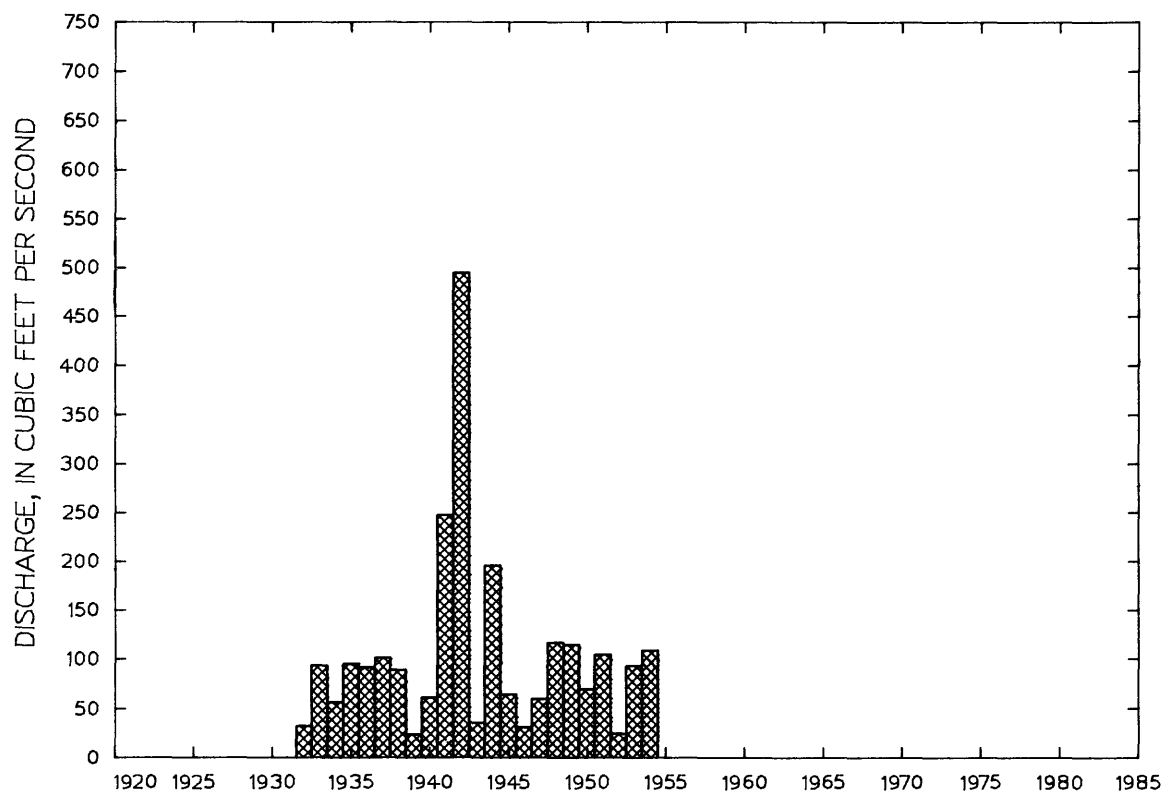


Figure 87.--Annual mean discharge for station 07128000, Purgatoire River at Highland Dam.

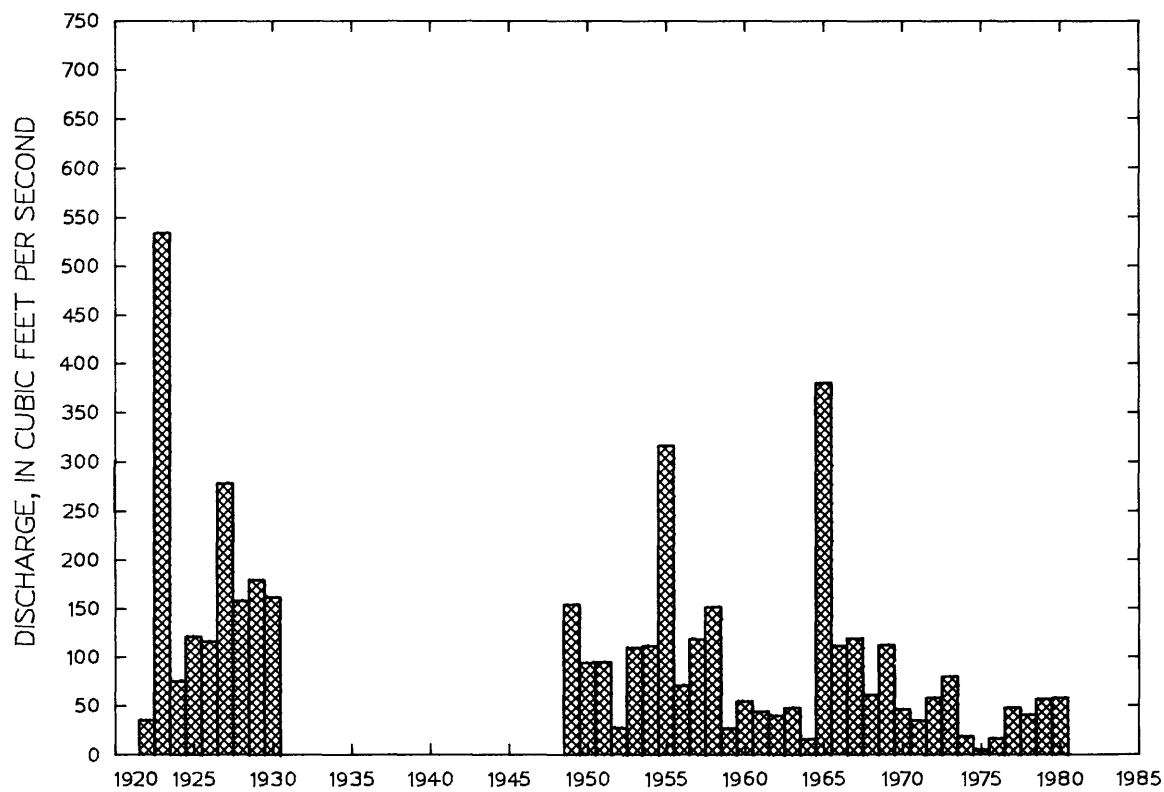


Figure 88.--Annual mean discharge for station 07128500, Purgatoire River near Las Animas.

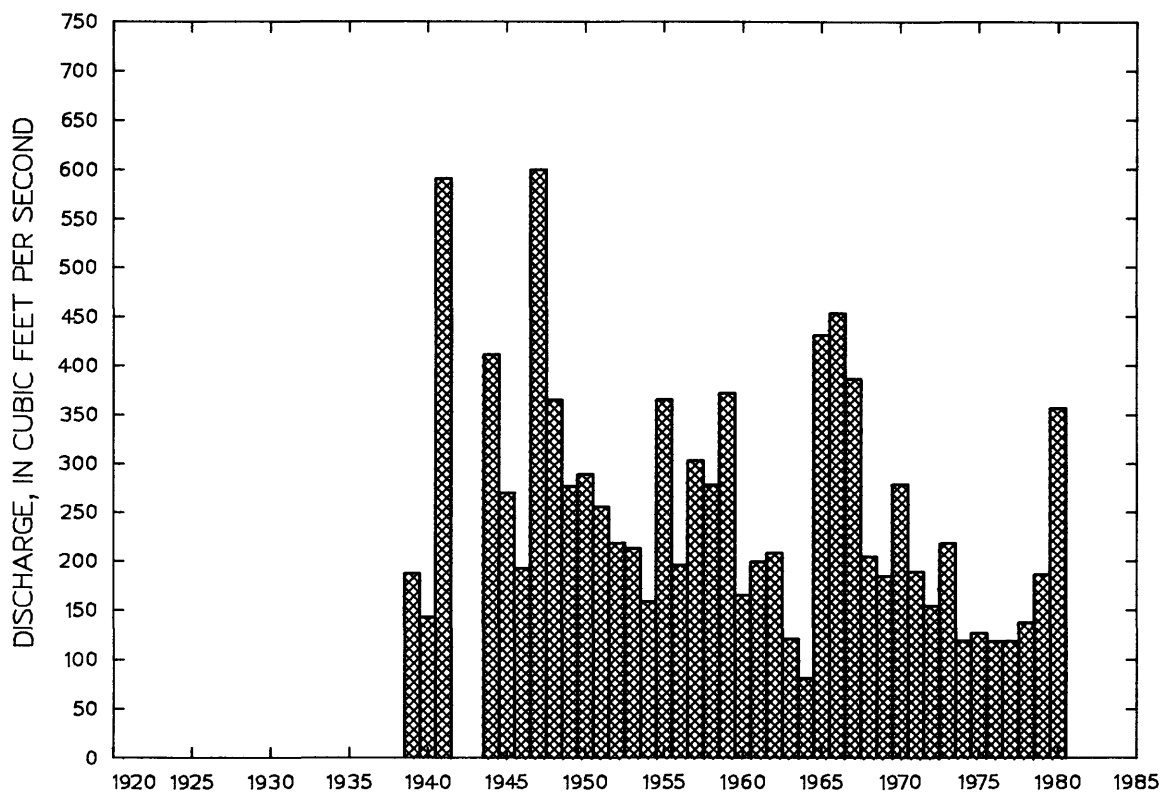


Figure 89.--Annual mean discharge for station 07130500,  
Arkansas River below John Martin Reservoir.

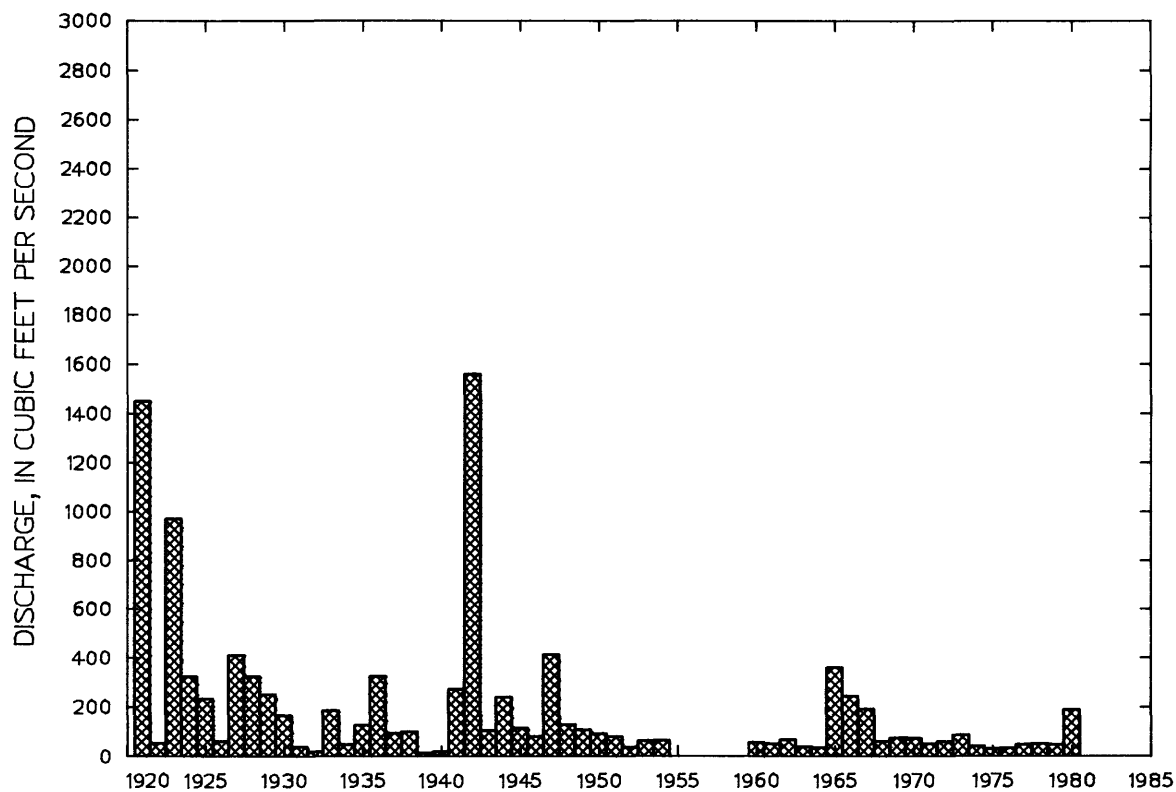


Figure 90.--Annual mean discharge for station 07133000,  
Arkansas River at Lamar.

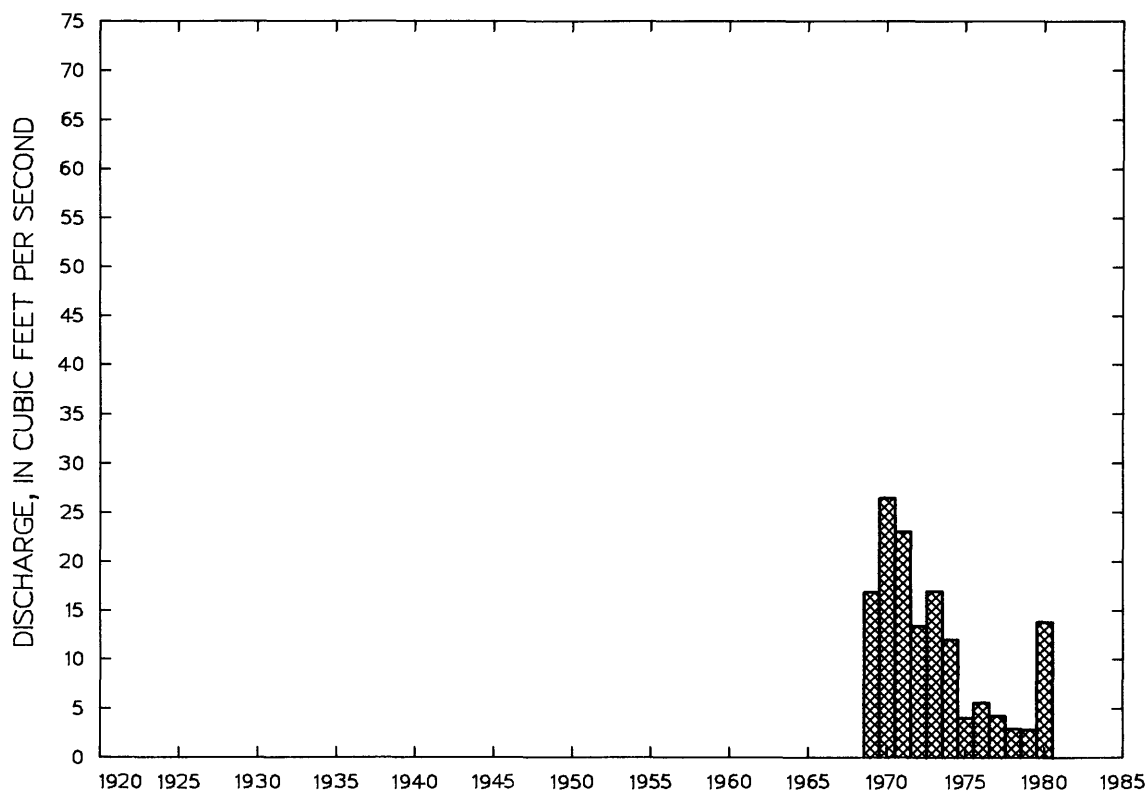


Figure 91.--Annual mean discharge for station 07134100,  
Big Sandy Creek near Lamar.

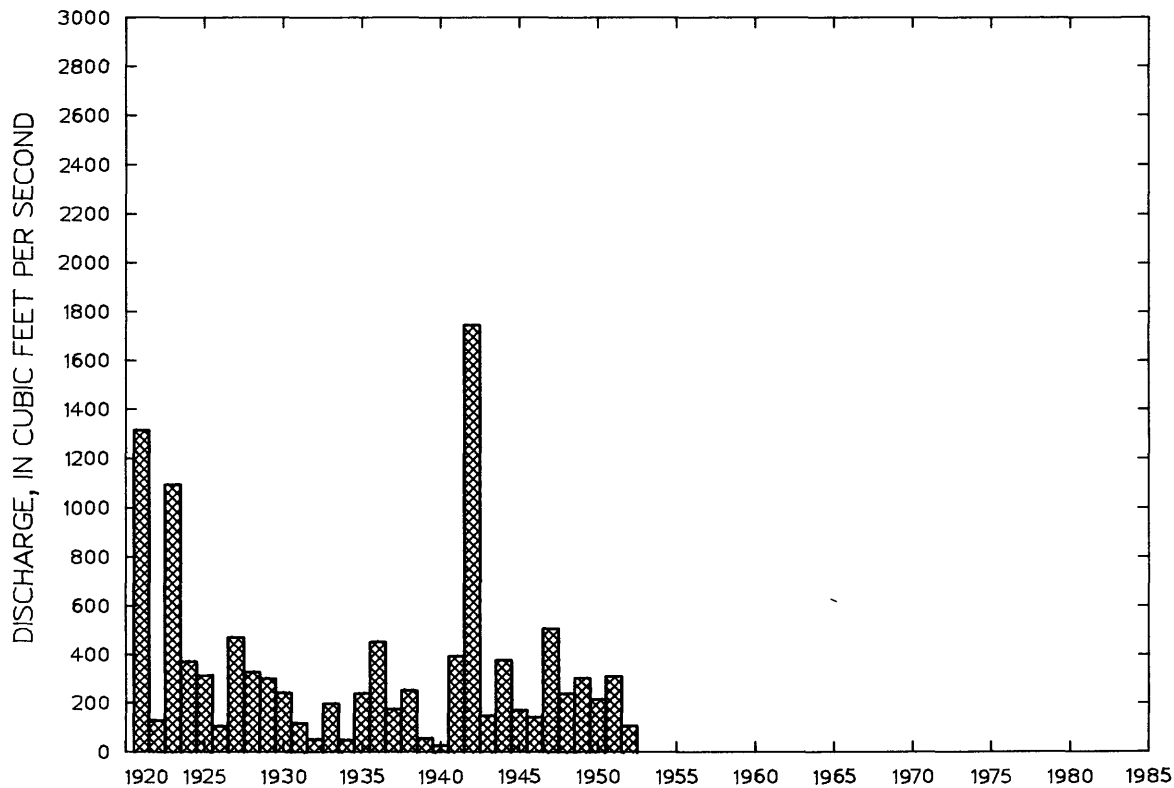


Figure 92.--Annual mean discharge for station 07135500,  
Arkansas River at Holly.

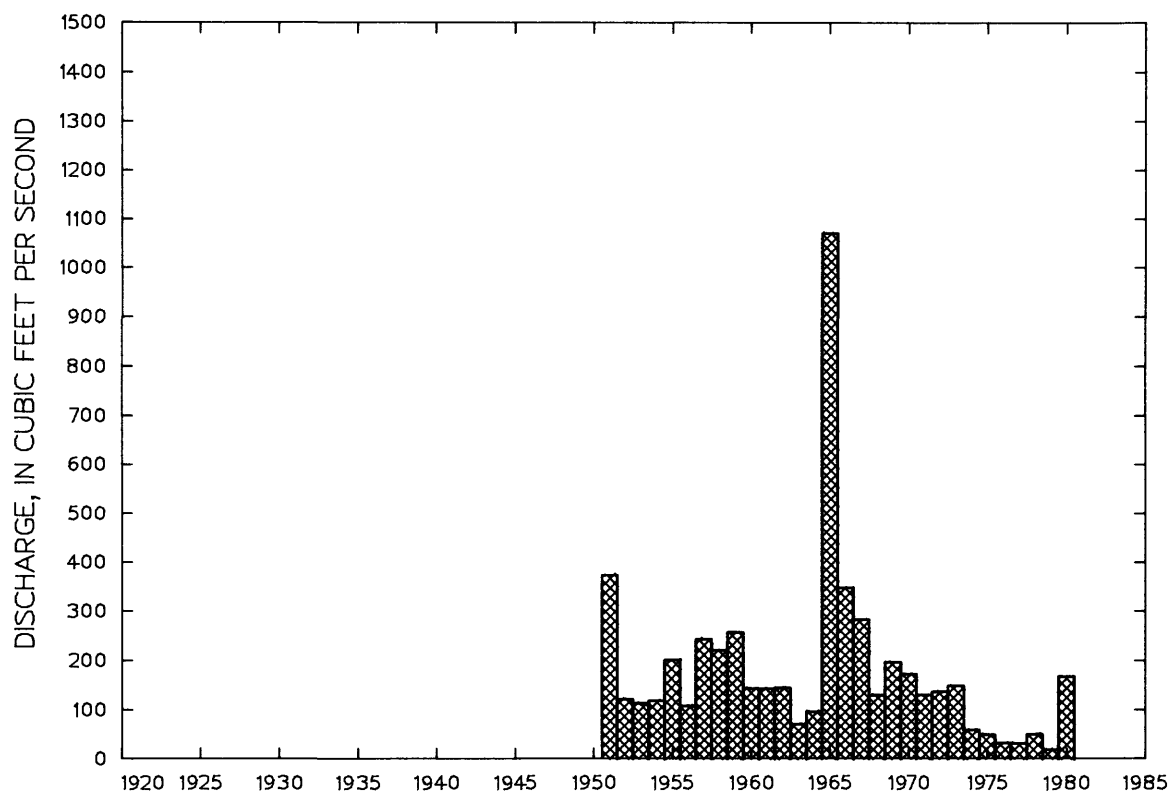


Figure 93.--Annual mean discharge for the Arkansas River near the Colorado-Kansas State line.

The average discharge in the Arkansas River generally increases until just downstream from Pueblo. This increase, due to contributing tributaries and transmountain imports, exceeds irrigation diversions. Downstream from Pueblo, irrigation diversions far exceed tributary inflow, and discharge in the river decreases. This change in streamflow is illustrated on figure 94, where the average discharge during each decade within the period 1921-80 at streamflow-gaging stations is plotted at the station's location along the river.

Runoff is expressed in this report in units of depth (in inches per month)--that is, discharge divided by drainage area and time. Comparing runoff from one station to another removes the complexity of differing drainage areas. Six stations were selected to characterize the runoff within the basin representing different physiographic and hydrologic locations.

The frequency-distribution curves in figure 95 illustrate the probability of the monthly runoff being equal to or greater than specified values during any month. A curve with a steeper slope defines more month-to-month variation. The seasonal distribution of that variation is shown in figure 96, which presents the mean, maximum, and minimum monthly runoff, and a band of one standard deviation about the mean.



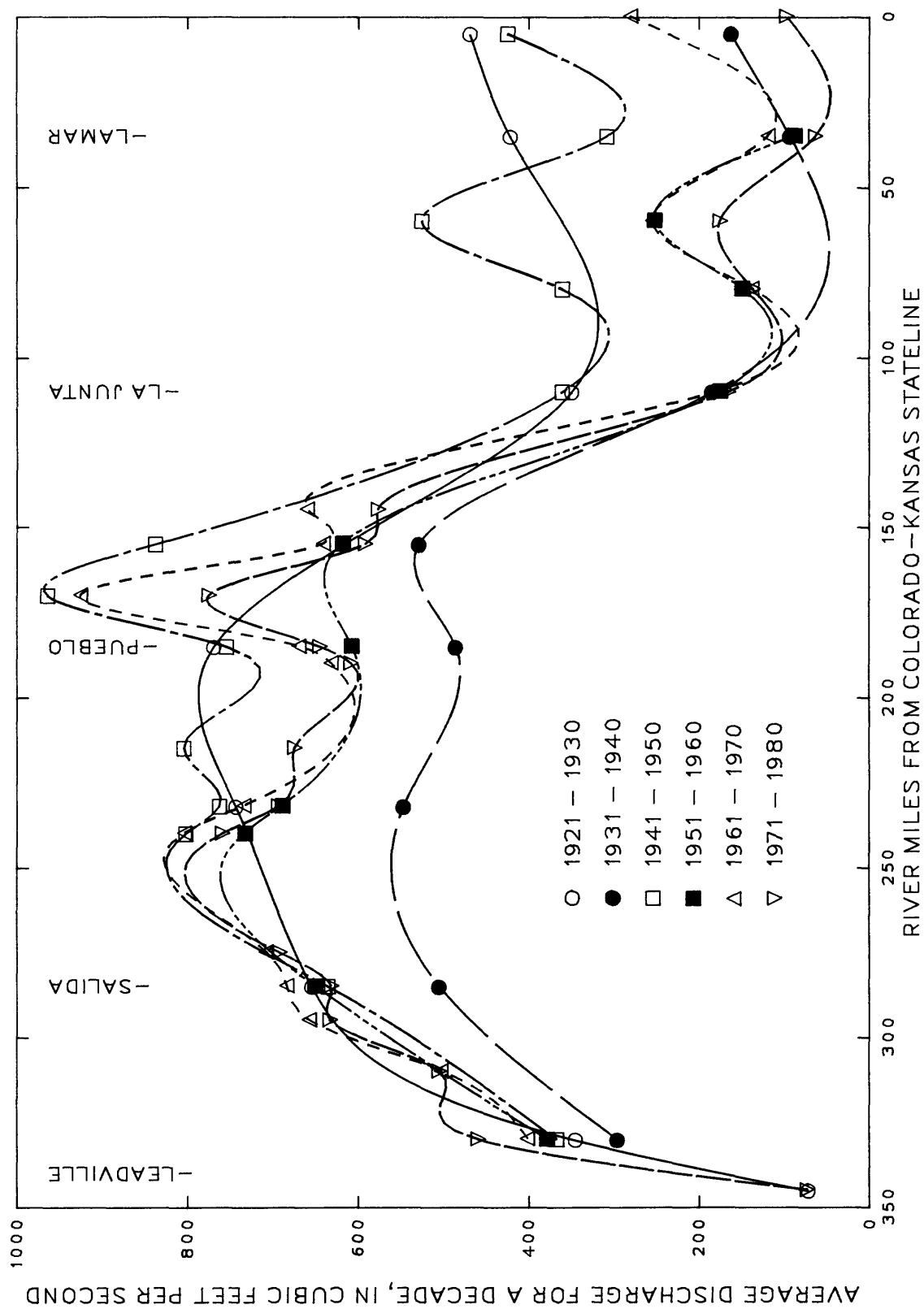


Figure 94.--Average discharge, by decade, along the Arkansas River, 1921-80.

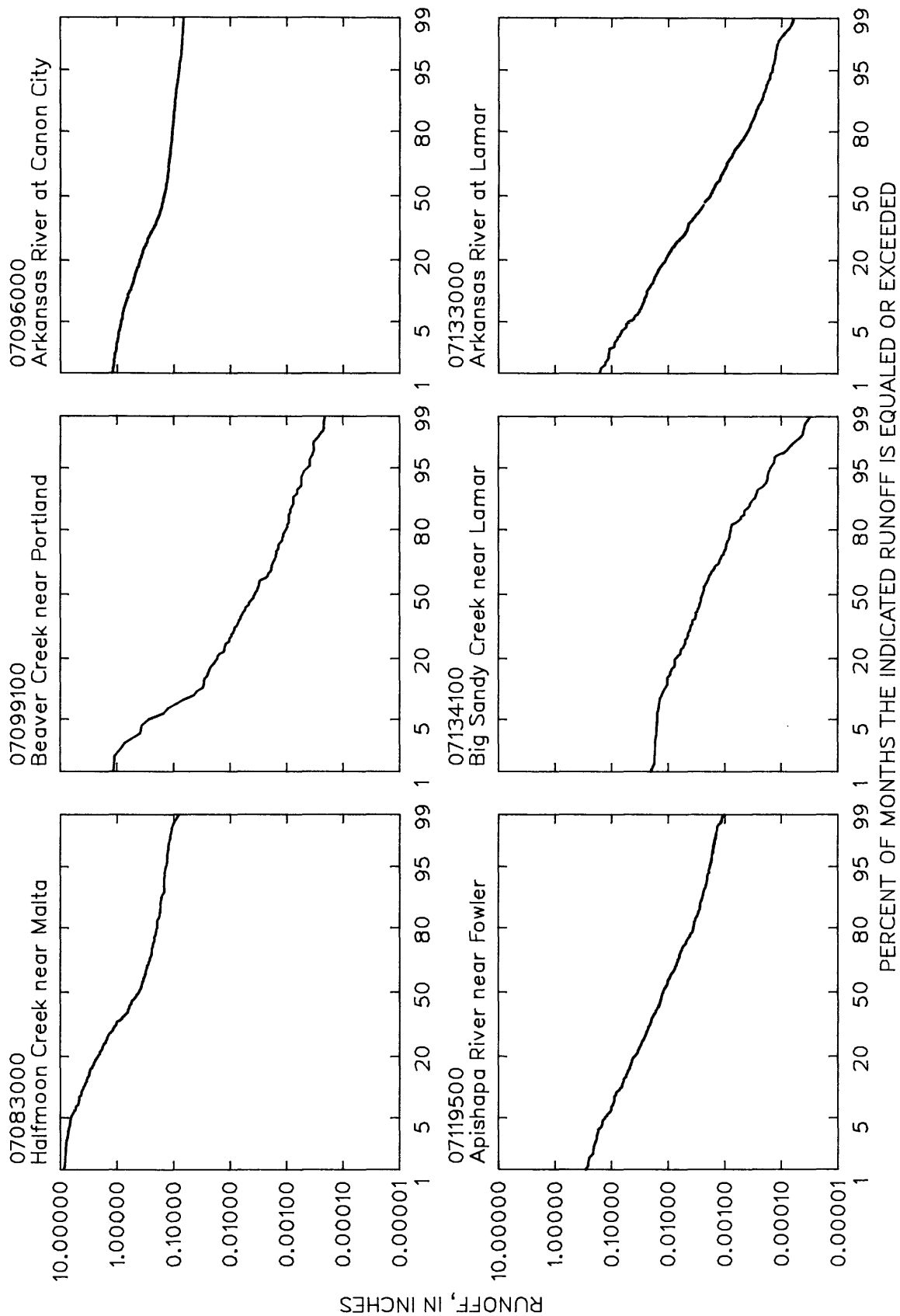


Figure 95.--Frequency distribution of monthly runoff for six selected stations.

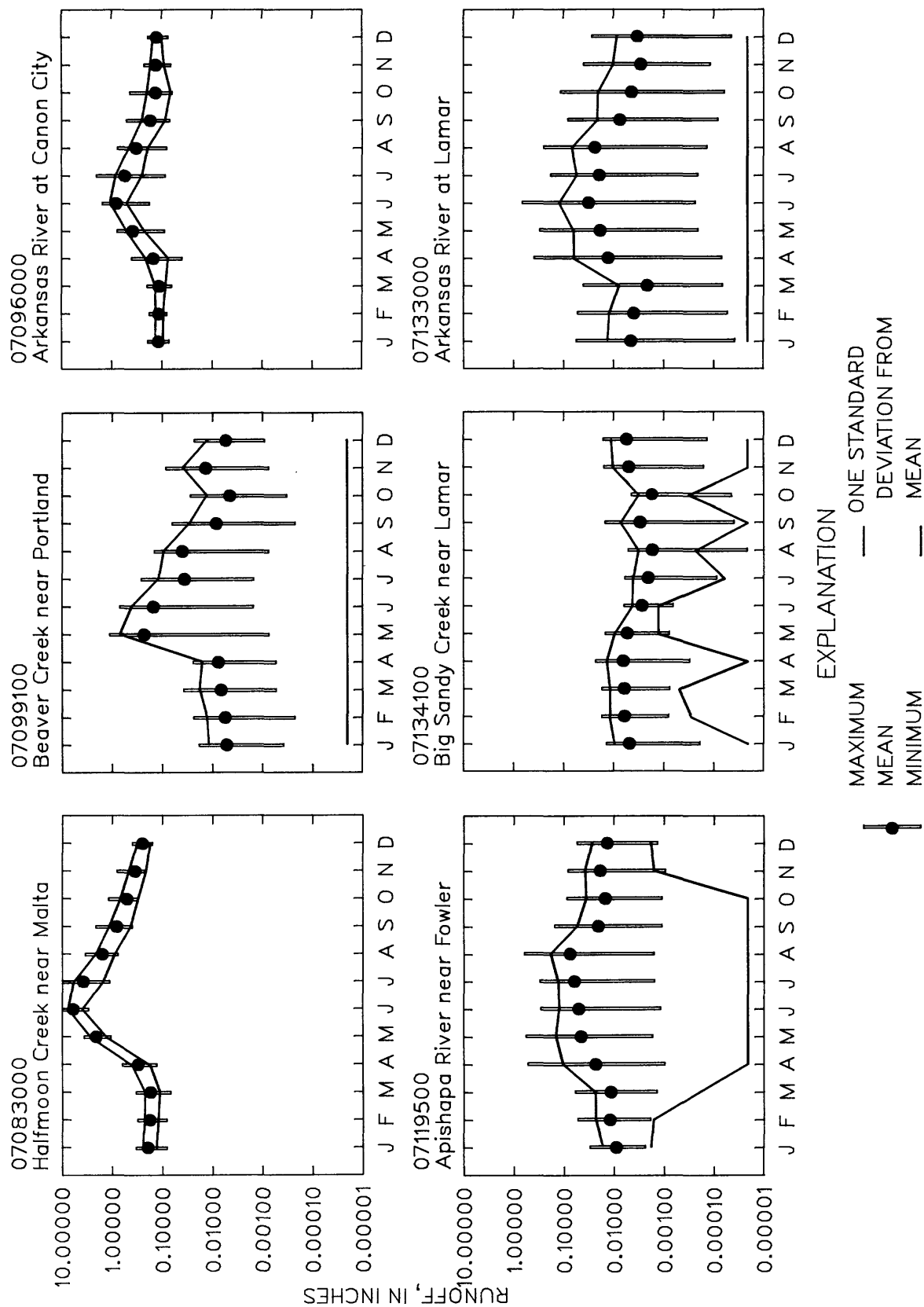


Figure 96.--Distribution of monthly runoff for six selected stations.

Most of the streamflow in the Arkansas River comes from the tributaries on the western side of the upper basin. These tributaries drain the high mountains along the Continental Divide, where most of the winter precipitation accumulates. Station 07083000 (Halfmoon Creek near Malta) is typical of those tributaries not affected by transmountain diversions. As seen on figures 95 and 96, the runoff from these tributaries is much greater than from any other type of tributary. The frequency curve of monthly runoff (fig. 95) illustrates the runoff variability. In any month, the probability of the monthly runoff being equal to or less than 0.1 in. is 1 percent, and the probability of the monthly runoff being equal to or exceeding almost 10 in. is 1 percent. Much of that variation is explained by the seasonal flow pattern that occurs every year (fig. 96). For example, the mean February runoff is 0.17 in., compared to the mean June runoff of 6.0 in. After the snowmelt peak in June, a general recession of streamflow occurs through December (fig. 96).

The tributaries on the eastern side of the upper basin and most of the tributaries between Salida and Pueblo have much less runoff than those on the western side of the upper basin. Few of these tributaries have a long period of record upon which generalizations about their flow can be based. However, station 07099100 (Beaver Creek near Portland) has 11 years of record that illustrate characteristics thought to be similar to many of these tributaries. Runoff at this station is highly variable (fig. 95). The probability in any month of the monthly runoff being equal to or less than about 0.0001 in. is 1 percent, while the probability of the monthly runoff being equal to or exceeding about 1 in. is 1 percent. Station 07099100 shows a wide range between minimum and maximum for every month (fig. 96). The one standard deviation band goes to the bottom of the plot because the standard deviation of every month is greater than its respective mean. The general shape of the monthly curve still shows a recession after the snowmelt peak, but the peak is in May, not June, and the recession ends in October.

Station 07096000 (Arkansas River at Canon City) is typical of the main-stem stations upstream from Pueblo. This station has a remarkably small range in flow (fig. 95). As is the case with the western tributaries, much of the variation occurs each year as part of the seasonal cycle (fig. 96). The smallest monthly mean runoff is 0.11 in. in March; 0.80 in. in June is the largest. The fact that almost all the flow comes from the western tributaries is demonstrated by the fact that the monthly runoff hydrograph for station 07096000 (fig. 96) is similar to that of station 07083000, although their drainage areas are 23.6 mi<sup>2</sup> for station 07096000, and 3,117 mi<sup>2</sup> for station 07083000.

Five major tributaries enter the Arkansas River downstream from Pueblo: Fountain Creek; St. Charles River; Huerfano River; Apishapa River; and Purgatoire River. The headwaters of these tributaries are in mountainous regions that contribute considerable runoff. However, much of that flow is lost as these streams cross the prairie before joining the Arkansas River. The flow entering the Arkansas River from each of these tributaries is thunderstorm runoff and return flows and waste water from irrigation canals. Station 07119500 (Apishapa River near Fowler) was selected as representative of the runoff contributed to the Arkansas River by these tributaries. In any month, the probability of the monthly runoff being equal to or less than about 0.001 in. is 1 percent, and the probability of the monthly runoff being greater than or equal to about 0.3 in. is 1 percent. The slope of this

frequency curve is about the same as for the upper basin western tributaries (station 07083000 on fig. 95), which is less than the slopes of the other plots on figure 95, except for station 07096000. Unlike station 07083000, however, the seasonal distribution of monthly runoff (fig. 96) for station 07119500 does not account for much of the variation. The spring and summer months have higher mean runoff, demonstrating the effects of the thunderstorm runoff and irrigation-return flow. No snowmelt peak or recession is seen. Minimum runoff in every month is about the same. The band showing one standard deviation about the mean goes to the bottom of the graph for much of the year because the monthly standard deviation is greater than the mean monthly runoff for those months.

Several other tributaries enter the Arkansas River along its course on the Great Plains. The headwaters of these tributaries are in the prairie, and, in general, very little runoff occurs whether they have large or small drainage areas. Much of the runoff is a result of irrigation-return flow and waste water, and these drainages only contribute their own runoff after heavy precipitation events. Station 07134100 (Big Sandy Creek near Lamar) is the largest of these tributaries, but it was selected as representative of all of these smaller prairie tributaries. The runoff for this site is the lowest of the six stations discussed (fig. 95). The probability of the monthly runoff being less than or equal to 0.000020 in. is 1 percent, and the probability of monthly runoff being greater than or equal to 0.020 in. is 1 percent. The monthly distribution of runoff (fig. 96) also shows none of the characteristics of any of the other stations.

The main stem of the Arkansas River downstream from Pueblo is a regulated stream affected by reservoir storage, irrigation diversions, and return flows. Although it is difficult to compare runoff from station to station, because streamflow decreases as drainage area increases, the characteristics of station 07133000 (Arkansas River at Lamar) are typical of those on the main-stem river downstream from Pueblo. Runoff for station 07133000 is highly variable (fig. 95), with a 1-percent probability of the runoff being less than or equal to 0.000027 in. ( $0.47 \text{ ft}^3/\text{s}$ ) and a 1-percent probability that the runoff will equal or exceed 0.66 in. ( $11,500 \text{ ft}^3/\text{s}$ ). The monthly distribution of runoff (fig. 96) shows that, in every month, a large range occurs from minimum to maximum, and the standard deviation is greater than the mean monthly runoff.

Correlations of monthly mean discharge and annual mean discharge were computed for every combination of pairs of stations. Because discharge results from an areal distribution of precipitation or snowmelt, and because many of the stations are downstream from one another on the same stream, discharges at different stations tend to correlate very well. The best interstation correlation coefficient for the monthly means was 0.997. Of the stations that had concurrent record, 9.0 percent of those correlations was greater than 0.95; another 7.4 percent was greater than 0.90; and an additional 8.7 percent was greater than 0.80. The best correlation coefficient for the annual mean discharge was 0.999. Of the stations that had concurrent record, 5.0 percent of those correlation coefficients was greater than 0.95; another 6.6 percent was greater than 0.90; and an additional 15.7 percent was greater than 0.80. Selected classes of interstation correlation of monthly mean discharge for every pair of stations is presented in the "Supplemental Information" section at the end of the report.

A statistical test (Kendall Tau) to identify possible time trends in the discharge data was computed for each streamflow-gaging station, using its annual mean discharge record. The analysis indicated that at the 1-percent level of significance, an upward trend statistically different from zero occurred at station 07086000 (Arkansas River at Granite). This increase in discharge (see fig. 58) can be explained by a general increase through the years in transmountain diversions that enter the river upstream from this station. The analysis also indicated that a downward trend in discharge statistically different from zero at the 1-percent level of significance occurred at stations 07119500 (Apishapa River at Fowler), 07123000 (Arkansas River at La Junta), 07128500 (Purgatoire River near Las Animas), 07130500 (Arkansas River below John Martin Reservoir), and 07133000 (Arkansas River at Lamar). Joining this group of stations, the analysis indicated that a downward trend in discharge probably different from zero at the 5-percent significance level occurred at stations 07089000 (Cottonwood Creek below Hot Springs), 07106000 (Fountain Creek near Fountain), 07116000 (Huerfano River below Huerfano Valley Dam), 07124500 (Purgatoire River at Trinidad), 07126500 (Purgatoire River at Ninemile Dam), 07134100 (Big Sandy Creek near Lamar), and 07137500 (Arkansas River near Coolidge). Stations 07106000 and 07134100 have rather short periods of record, and the trends may result from an inopportune period of collecting data (both stations included prolonged drought periods near the end of their record). No explanation is available as to why station 07089000 should show a trend. The rest of these stations are at the downstream end of the basin, where much interstate concern occurs over the apparent decrease in discharge. The construction of John Martin Reservoir has been mentioned as an explanation for downward trends in discharge in the main stem of the Arkansas River. However, the fact the stations upstream from the reservoir indicate downward trends and that the periods of record for stations 07130500 and 07137500 are more recent than the dam construction would discount the reservoir's having much effect. The pumping of numerous irrigation wells often has been suspected of causing decreased main-stem discharge, but this consideration does not account for the downward trend in the discharge of the tributaries.

To consider the effects of the apparent downward trends in the tributary discharge on the main-stem discharge, simple linear regression was used to compute the flow change with time at each of the stations discussed before. It must be recognized that the following discussion is based on regression analysis with rather low correlation coefficients, but it does provide some insight to the situation. Based on the regression analysis (see table 8), the annual mean discharges for tributary stations 07116000 and 07119500 have decreased at average rates of about 2.2 (ft<sup>3</sup>/s)/yr and 0.6 (ft<sup>3</sup>/s)/yr respectively. This obviously could account for the computed average decrease of 2.3 (ft<sup>3</sup>/s)/yr in the annual mean discharge at station 07123000. The additional decrease of 2.4 (ft<sup>3</sup>/s)/yr on the average for its period of record at station 07128500 easily accounts for the computed decreases of 4.5 (ft<sup>3</sup>/s)/yr at station 07133000 and 4.4 (ft<sup>3</sup>/s)/yr at station 07137500. Removing an extremely high value recorded early in the record for station 07130500 from the analysis results in a computed decrease in the annual mean discharge of 3.7 (ft<sup>3</sup>/s)/yr on the average for its period of record. Regressions were computed for the two anomalous stations along this reach of the Arkansas River that did not indicate trends using the Kendall Tau analysis discussed previously. The regression analysis indicates that the annual mean discharge

for station 07117000 (Arkansas River near Nepesta) has decreased at an average rate of about 1.3 (ft<sup>3</sup>/s)/yr and that the annual mean discharge for station 07124000 (Arkansas River at Las Animas) has decreased at an average rate of about 4.9 (ft<sup>3</sup>/s)/yr.

Table 8.--Coefficients and statistics from linear-regression analysis between annual mean discharge at the indicated station and time

| Station               | Regression<br>slope<br>(cubic feet<br>per second<br>per year) | Standard error<br>of estimate<br>of the slope<br>(cubic feet per<br>second per year) | Correlation<br>coefficient | Period of record |
|-----------------------|---|--|----------------------------|------------------|
| 07086000              | 1.8   | 0.5  | 0.41                       | 1910-80          |
| 07089000              | -0.3  | 0.1  | .40                        | 1912-23, 1949-80 |
| 07106000              | -3.0  | 2.4  | .30                        | 1939-54          |
| 07109500              | -1.4  | 4.4  | .06                        | 1939-51, 1965-80 |
| 07116000              | -2.2  | 1.1  | .35                        | 1940-67          |
| 07117000              | -1.3  | 3.5  | .06                        | 1936-80          |
| 07119500              | -0.6  | 0.2  | .42                        | 1921-24, 1939-80 |
| 07123000              | -2.3  | 1.3  | .21                        | 1912-80          |
| 07124000              | -4.9  | 2.8  | .27                        | 1939-80          |
| 07124500              | -0.4  | 0.2  | .21                        | 1916-60, 1962-80 |
| 07126500              | -1.0  | 0.6  | .21                        | 1925-80          |
| 07128500              | -2.4  | 0.8  | .43                        | 1922-31, 1948-80 |
| 07130500 <sup>1</sup> | -9.1  | 4.1  | .33                        | 1938-80          |
| 07130500 <sup>1</sup> | -3.7  | 1.5  | .36                        | 1938-41, 1943-80 |
| 07133000              | -4.5  | 1.7  | .31                        | 1912-55, 1959-80 |
| 07134100              | -1.2  | 0.5  | .63                        | 1968-80          |
| 07137500              | -4.4  | 3.7  | .21                        | 1951-80          |

<sup>1</sup>Removing one outlier from the regression analysis.

A statistical analysis to compute the correlation coefficient of monthly mean discharge and monthly precipitation for every combination of streamflow-gaging stations and precipitation stations was performed. Of the 1,650 possible combinations tested, only 34 were statistically different from zero at the 1-percent level of significance; only 27 of those had more than 2 years of concurrent record. Considering 1,650 combinations of purely random numbers, one would expect about 16 or 17 correlations significantly different from zero at the 1-percent significance level. Apparently then, monthly precipitation, by itself, is not a good indicator of monthly discharge. The only statistically significant results from this analysis are: (1) Station 07104000 (Monument Creek at Pikeview) correlated with five different precipitation stations (2446, 3828, 5730, 6131, and 8781) with the highest correlation

coefficient of 0.37; (2) station 07106300 (Fountain Creek near Pinon) correlated with three different precipitation stations (7315, 8434, and 8781) with the highest correlation coefficient of 0.57; (3) three streamflow-gaging stations in the upper basin (07079500, 07081000, and 07089000) correlated with precipitation station 8064 (Sugarloaf Reservoir); and (4) station 07137500 (Arkansas River near Coolidge) correlated with precipitation station 6741 (Pueblo) for over 10 years of concurrent record with a correlation coefficient of 0.53.

A statistical analysis to compute the correlation coefficients of annual mean discharge and the April 1 snowpack for every combination of streamflow-gaging stations and snow-survey courses was performed. About 22 percent of the computed correlation coefficients between stations with concurrent record were statistically different from zero at the 1-percent significance level. The best correlation coefficient was 0.85. About 1 percent of the correlation coefficients was greater than 0.80; another 6 percent was greater than 0.70; and an additional 7 percent was greater than 0.60. Most of the well-correlated combinations were the main-stem and tributary streamflow-gaging stations in the upper basin with the snow-survey courses in that area. The diminishing relation as one moves downstream can be seen by the fact that stations 07091500 (Arkansas River at Salida) and 07096000 (Arkansas River at Canon City) had correlation coefficients statistically different from zero at the 1-percent significance level with 13 different snow-survey courses; station 07099500 (Arkansas River near Pueblo) with 11 snow-survey courses; station 07117000 (Arkansas River near Nepesta) with 10 snow-survey courses; station 07119700 (Arkansas River at Catlin Dam) with 7 snow-survey courses; and as far downstream as station 0712400 (Arkansas River at Las Animas) with 2 snow-survey courses. The relation between the annual mean discharge at six selected streamflow-gaging stations and the April 1 snowpack at snow-survey course 6L08 (Garfield) is shown in figure 97. The lines banding the data are the 95-percent confidence limits of correctly predicting annual mean discharge for any given April 1 snowpack. As the confidence limits expand, the expected accuracy of the regression relation for making predictions decreases.

### Ground-Water Levels

Wells where ground-water levels have been measured were selected, based on length of record and geographic location. The 37 wells chosen are shown on plate 1 and listed in table 9. Selected wells were limited to those penetrating the valley-fill deposits (111VLFL in table 9); the alluvial flood plains (111ALFP); the terrace deposits (112TERC) along the Arkansas River and Fountain Creek; the glacial deposits (112GLCL); and the basin-fill deposits (121DRUN) in the upper basin. Hydrographs of the depth-to-water for these 37 wells are shown in figures 98-134. Tables of the instantaneous water levels are presented in the "Supplemental Information" section at the end of the report.



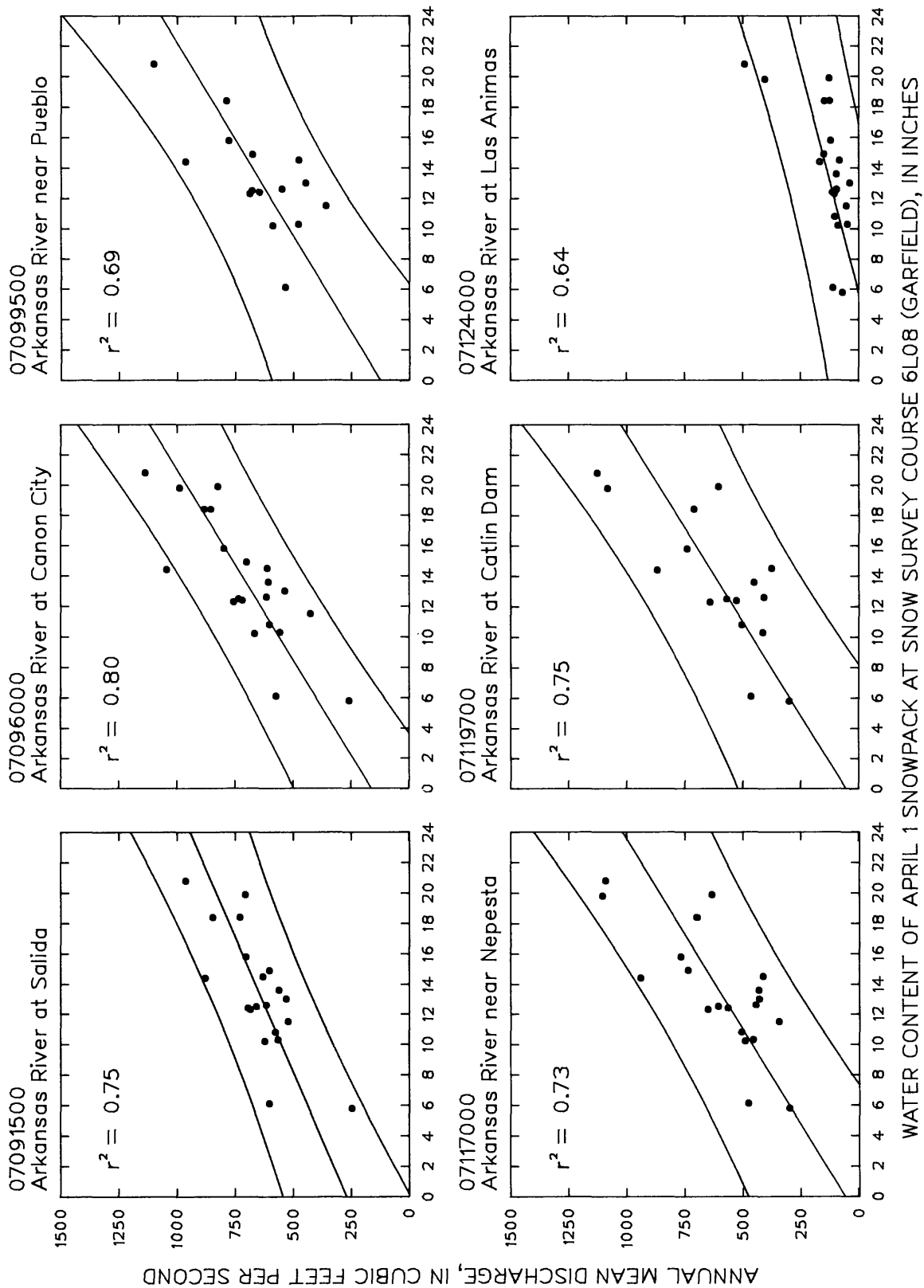


Figure 97.--Relation of April 1 snowpack to annual mean discharge for six selected stations.

Table 9.--Selected wells

[DRUN=basin-fill deposits; GLCL=glacial deposits; VLFL=valley-fill deposits;  
ALFP=alluvial flood plains; TERC=terrace deposits]

| Station number  | Well number    | Location  |            |               | Range | Sec-<br>tion | Elevation<br>(feet above<br>mean sea level) | Aquifer<br>code |
|-----------------|----------------|-----------|------------|---------------|-------|--------------|---|-----------------|
|                 |                | Latitude  | Longitude  | Town-<br>ship |       |              |   |                 |
| 391410106191000 | SC09 80 27DBB  | 39°14'10" | 106°19'10" | 09            | 80    | 27           | 9,850                                       | 121DRUN         |
| 385154106081700 | SC14 78 05BAD  | 38°51'54" | 106°08'17" | 14            | 78    | 05           | 8,040                                       | 112GLCL         |
| 384408106040501 | SC15 78 13CBA  | 38°44'08" | 106°04'05" | 15            | 78    | 13           | 7,695                                       | 112GLCL         |
| 384247106125001 | SC15 79 27CAC  | 38°42'47" | 106°12'50" | 15            | 79    | 27           | 8,478                                       | 111VLFL         |
| 383300106023501 | NA50 08 35AAD  | 38°33'00" | 106°02'35" | 50            | 08    | 35           | 7,180                                       | 112GLCL         |
| 382700105523201 | NA49 10 19BDD  | 38°27'00" | 105°52'32" | 49            | 10    | 19           | 6,840                                       | 111VLFL         |
| 382435105350001 | SC19 73 07CDB  | 38°24'35" | 105°35'00" | 19            | 73    | 07           | 6,160                                       | 111ALFP         |
| 382357105070801 | SC19 69 16BAD1 | 38°23'57" | 105°07'08" | 19            | 69    | 16           | 5,155                                       | 111VLFL         |
| 384534104450701 | SC15 66 11BDC  | 38°45'34" | 104°45'07" | 15            | 66    | 11           | 4,750                                       | 111VLFL         |
| 384231104400600 | SC15 65 28DCD  | 38°42'31" | 104°40'06" | 15            | 65    | 28           | 5,626                                       | 111VLFL         |
| 383952104405601 | SC16 65 17AAA1 | 38°39'52" | 104°40'56" | 16            | 65    | 17           | 5,505                                       | 111VLFL         |
| 383048104371401 | SC18 65 01BAB  | 38°30'48" | 104°37'14" | 18            | 65    | 01           | 5,158                                       | 111ALFP         |
| 382047104362701 | SC19 65 36DDD  | 38°20'47" | 104°36'27" | 19            | 65    | 36           | 4,824                                       | 111VLFL         |
| 381443104320701 | SC21 64 03DAC  | 38°14'43" | 104°32'07" | 21            | 64    | 03           | 4,679                                       | 112TERC         |
| 381429104273300 | SC21 63 08AAA  | 38°14'29" | 104°27'33" | 21            | 63    | 08           | 4,644                                       | 111VLFL         |
| 381624104264602 | SC20 63 33ABA2 | 38°16'24" | 104°26'46" | 20            | 63    | 33           | 4,561                                       | 111VLFL         |
| 381529104200600 | SC21 62 04AAA  | 38°15'29" | 104°20'06" | 21            | 62    | 04           | 4,490                                       | 111VLFL         |
| 381340104205601 | SC21 62 09CCC  | 38°13'40" | 104°20'56" | 21            | 62    | 09           | 4,567                                       | 111VLFL         |
| 381258104113800 | SC21 61 23BAA  | 38°12'58" | 104°11'38" | 21            | 61    | 23           | 4,423                                       | 111VLFL         |
| 380838104012000 | SC22 59 09CCB  | 38°08'38" | 104°01'20" | 22            | 59    | 09           | 4,312                                       | 111VLFL         |
| 381104103482600 | SC21 57 32AAB  | 38°11'04" | 103°48'26" | 21            | 57    | 32           | 4,312                                       | 111VLFL         |
| 380414103450400 | SC23 57 02DDC  | 38°04'14" | 103°45'04" | 23            | 57    | 02           | 4,205                                       | 111VLFL         |
| 380221103413700 | SC23 56 20AAA  | 38°02'21" | 103°41'37" | 23            | 56    | 20           | 4,166                                       | 111VLFL         |
| 380007103311200 | SC23 55 36CAD  | 38°00'07" | 103°31'12" | 23            | 55    | 36           | 4,045                                       | 111VLFL         |
| 380203103281500 | SC23 54 21BCC  | 38°02'03" | 103°28'15" | 23            | 54    | 21           | 4,050                                       | 111VLFL         |
| 380348103185300 | SC23 53 11ACC  | 38°03'48" | 103°18'53" | 23            | 53    | 11           | 3,941                                       | 111VLFL         |
| 380513103150400 | SC22 52 33CCB  | 38°05'13" | 103°15'04" | 22            | 52    | 33           | 3,928                                       | 111VLFL         |
| 380323103085900 | SC23 51 08DCC  | 38°03'23" | 103°08'59" | 23            | 51    | 08           | 3,875                                       | 111VLFL         |
| 380416102554000 | SC23 49 05DDC  | 38°04'16" | 102°55'40" | 23            | 49    | 05           | 3,755                                       | 111VLFL         |
| 380441102480000 | SC23 48 04ADC  | 38°04'41" | 102°48'00" | 23            | 48    | 04           | 3,699                                       | 111VLFL         |
| 380612102350800 | SC22 46 28DCB  | 38°06'12" | 102°35'08" | 22            | 46    | 28           | 3,598                                       | 111VLFL         |
| 380532102311600 | SC22 45 31CBB  | 38°05'32" | 102°31'16" | 22            | 45    | 31           | 3,567                                       | 111VLFL         |
| 380651102285900 | SC22 45 21CCC  | 38°06'51" | 102°28'59" | 22            | 45    | 21           | 3,550                                       | 111VLFL         |
| 380806102261100 | SC22 45 14DBA  | 38°08'06" | 102°26'11" | 22            | 45    | 14           | 3,612                                       | 111VLFL         |
| 380558102220800 | SC22 44 33BAB  | 38°05'58" | 102°22'08" | 22            | 44    | 33           | 3,498                                       | 111VLFL         |
| 380338102130901 | SC23 43 11DCB  | 38°03'38" | 102°13'09" | 23            | 43    | 11           | 3,432                                       | 111VLFL         |
| 380218102042000 | SC23 41 19BDA  | 38°02'18" | 102°04'20" | 23            | 41    | 19           | 3,365                                       | 111VLFL         |

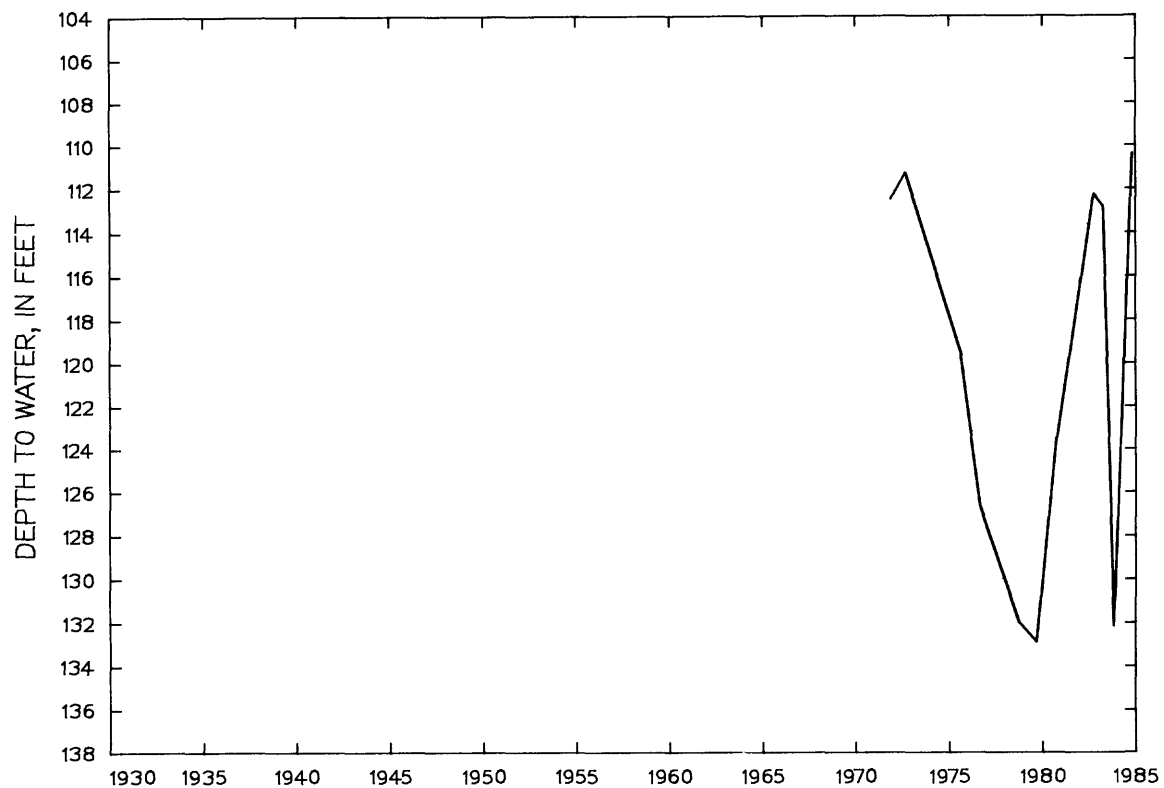


Figure 98.--Water levels for well 391410106191000, SC09 80 27DBB.

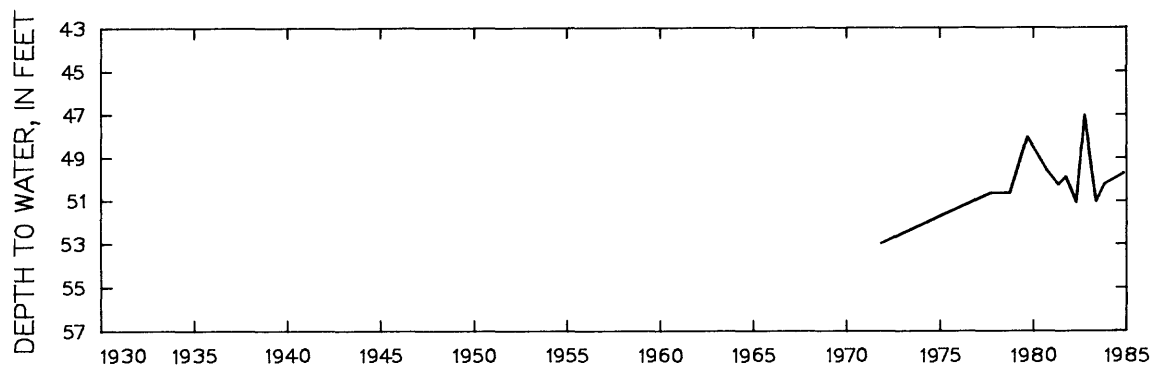


Figure 99.--Water levels for well 385154106081700, SC14 78 05BAD.

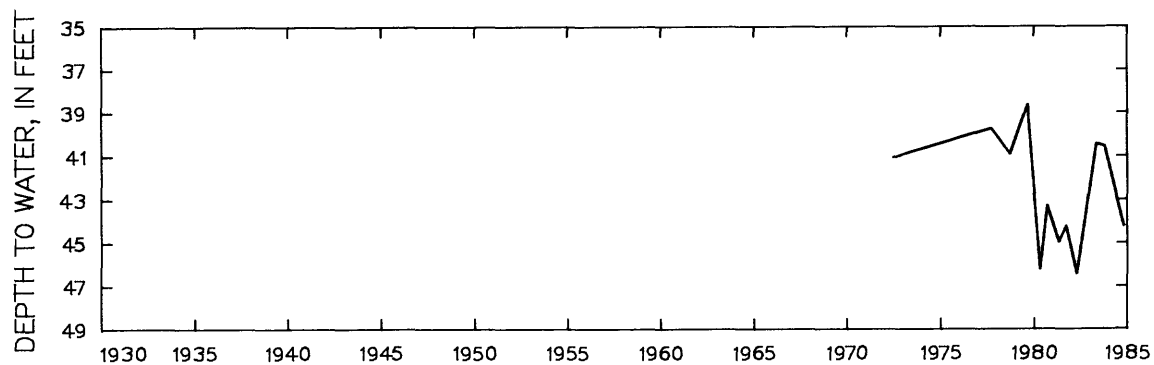


Figure 100.--Water levels for well 384408106040501, SC15 78 13CBA.

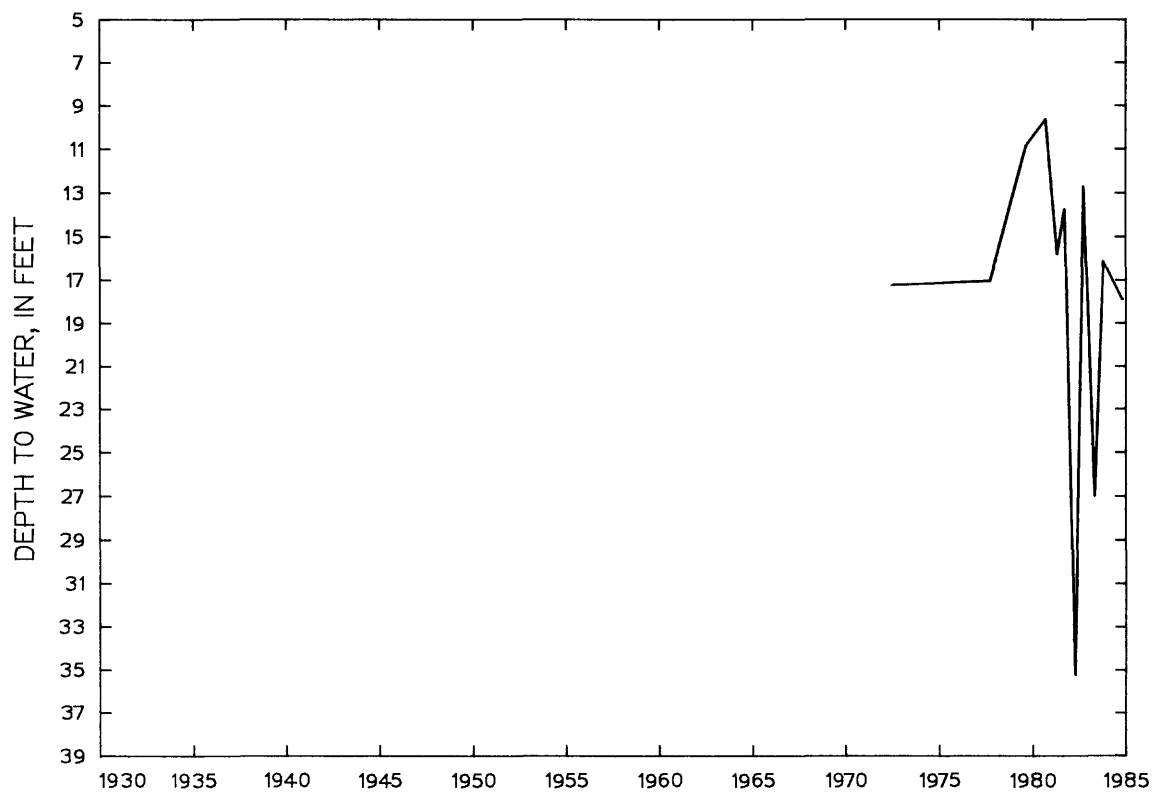


Figure 101.--Water levels for well 384247106125001, SC15 79 27CAC.

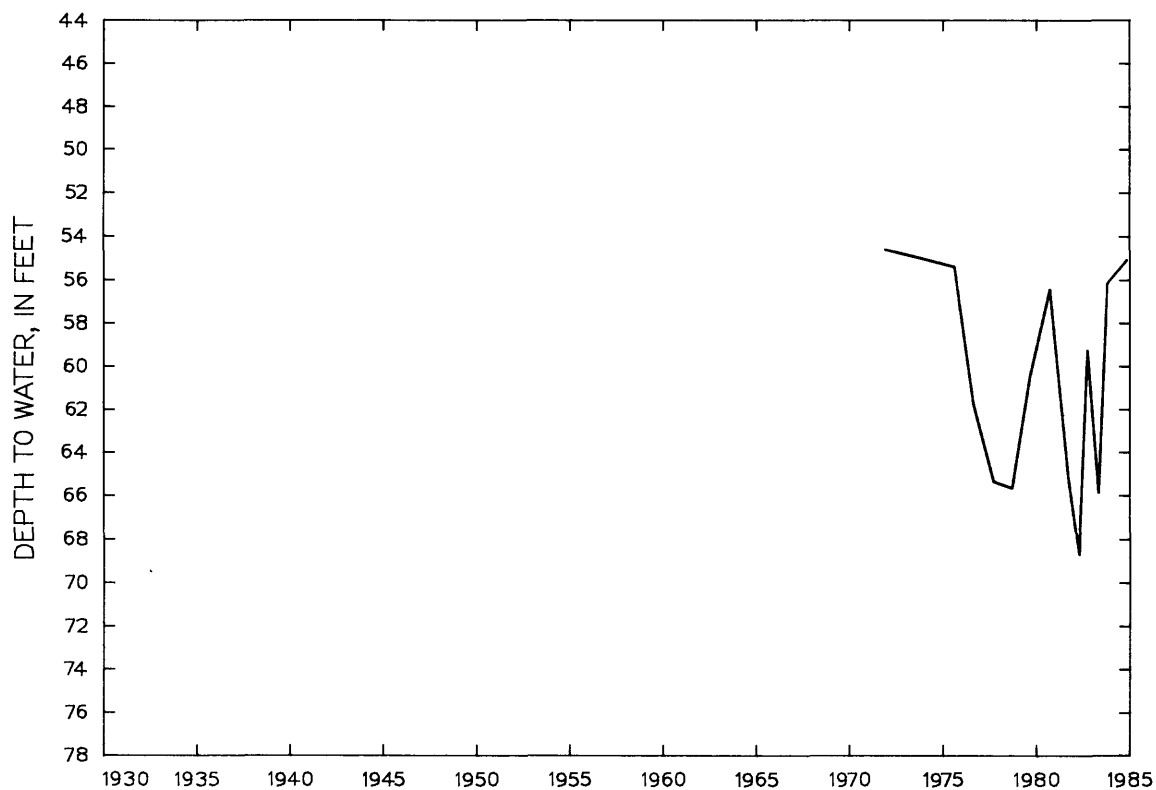


Figure 102.--Water levels for well 383300106023501, NA50 08 35AAD.

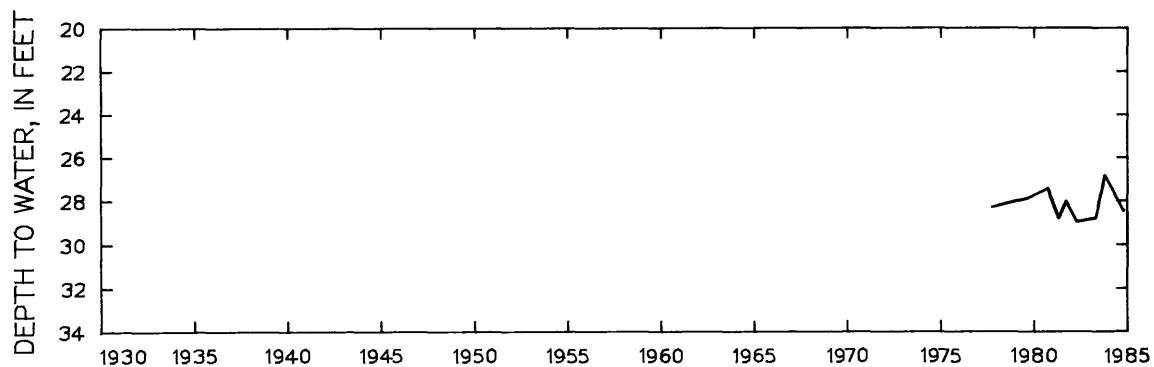


Figure 103.--Water levels for well 382700105523201, NA49 10 19BDD.

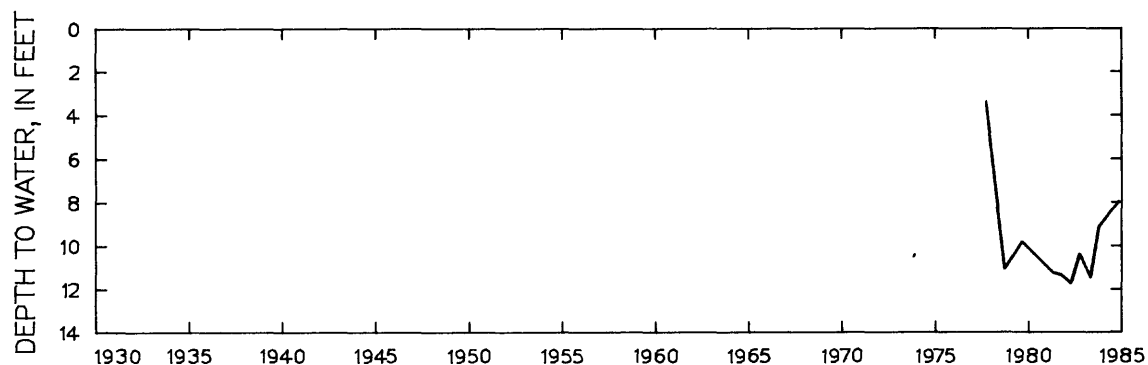


Figure 104.--Water levels for well 382435105350001, SC19 73 07CDB.

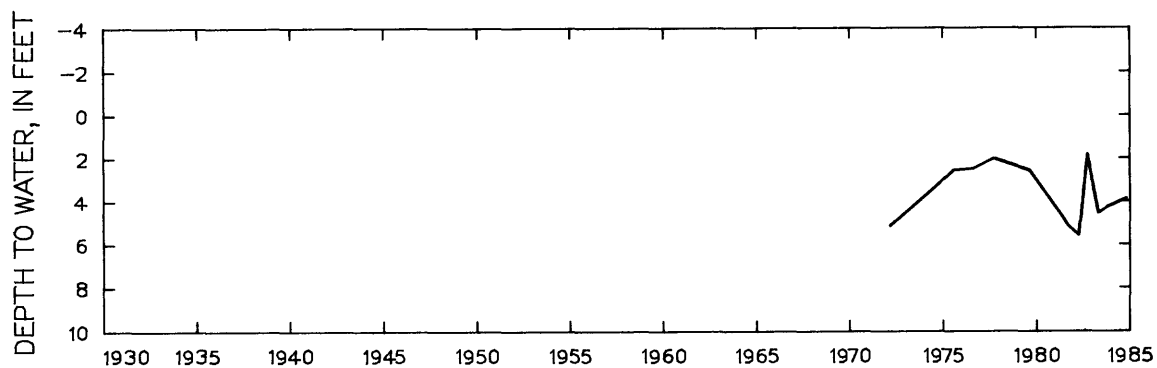


Figure 105.--Water levels for well 382357105070801, SC19 69 16BAD1.

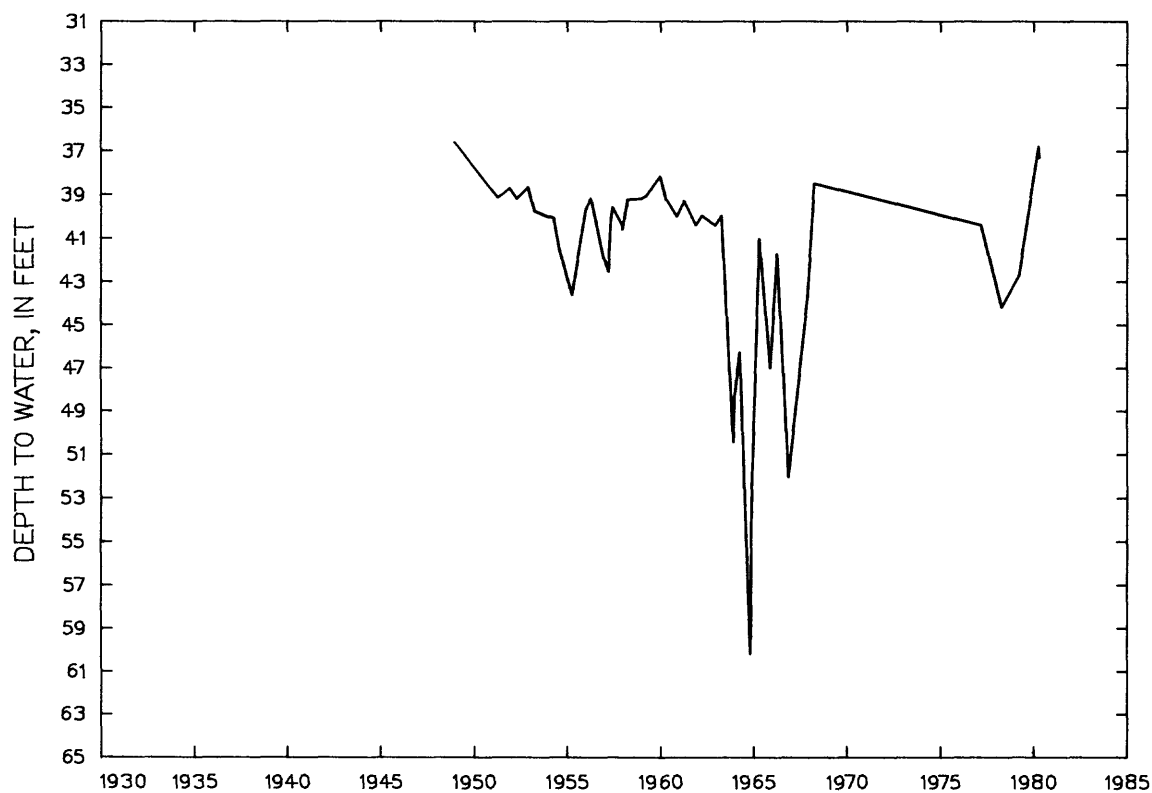


Figure 106.--Water levels for well 384534104450701, SC15 66 11BDC.

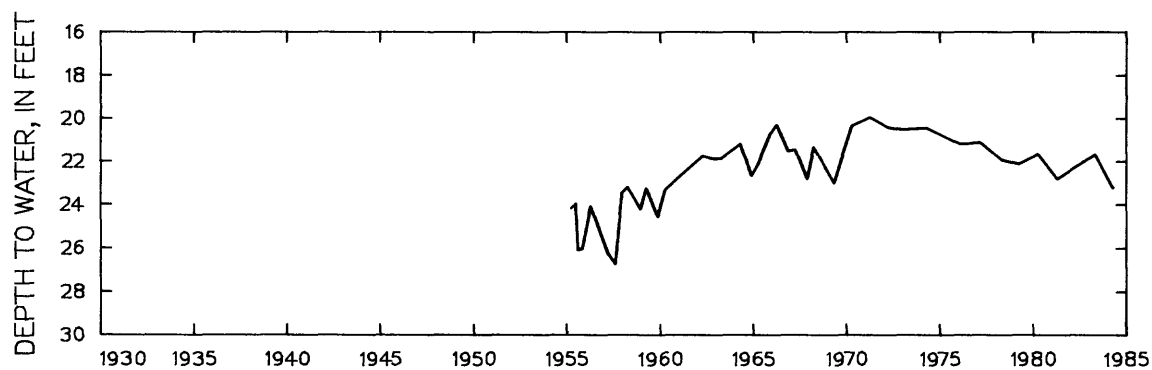


Figure 107.--Water levels for well 384231104400600, SC15 65 28DCD.

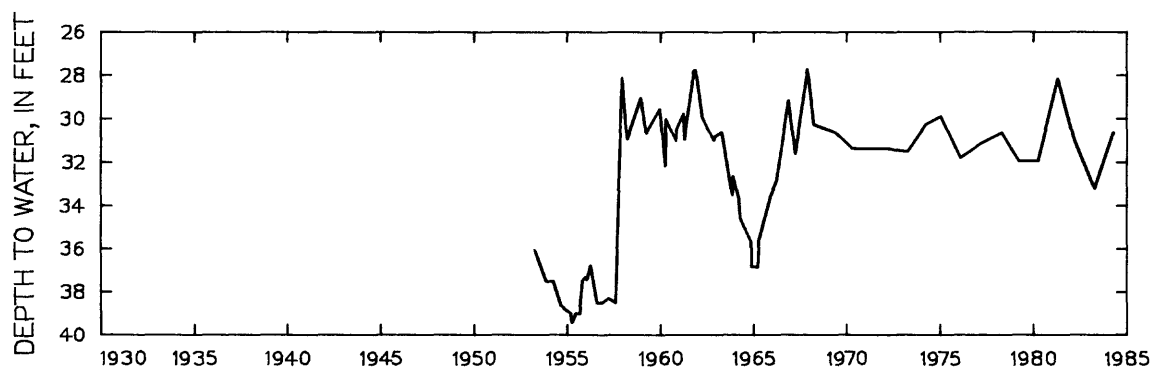


Figure 108.--Water levels for well 383952104405601, SC16 65 17AAA1.

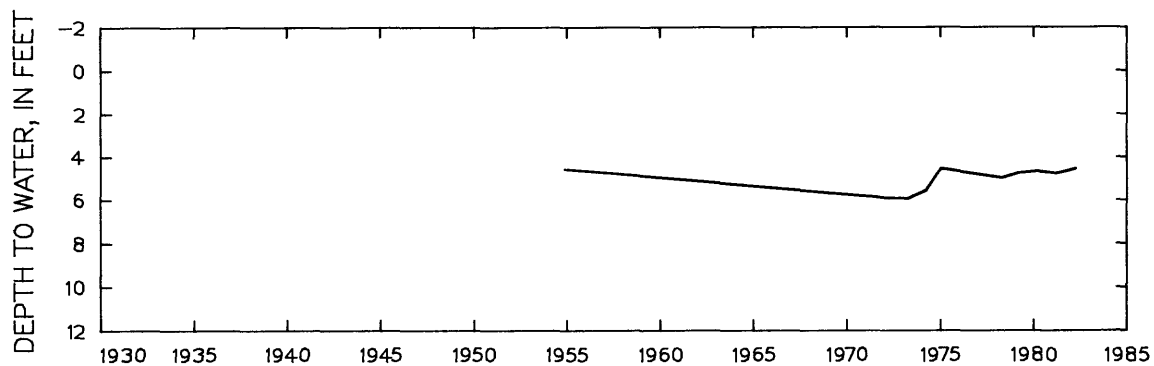


Figure 109.--Water levels for well 383048104371401, SC18 65 01BAB.

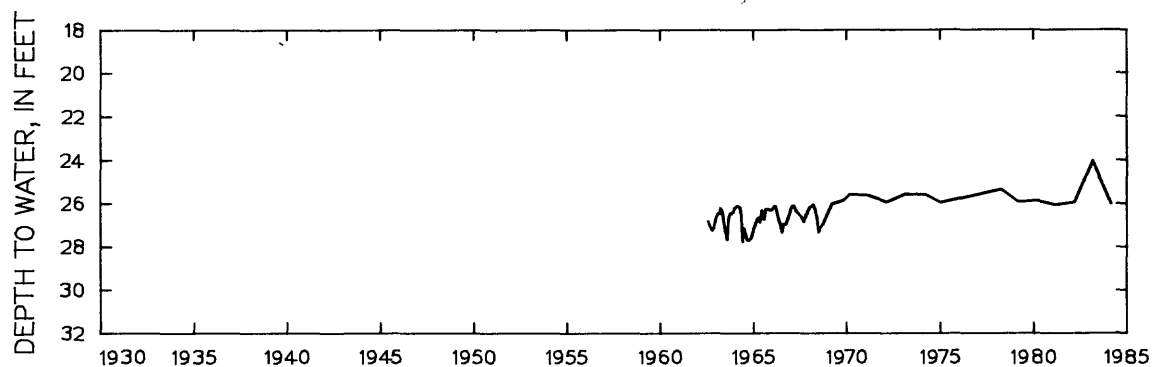


Figure 110.--Water levels for well 382047104362701, SC19 65 36DDD.

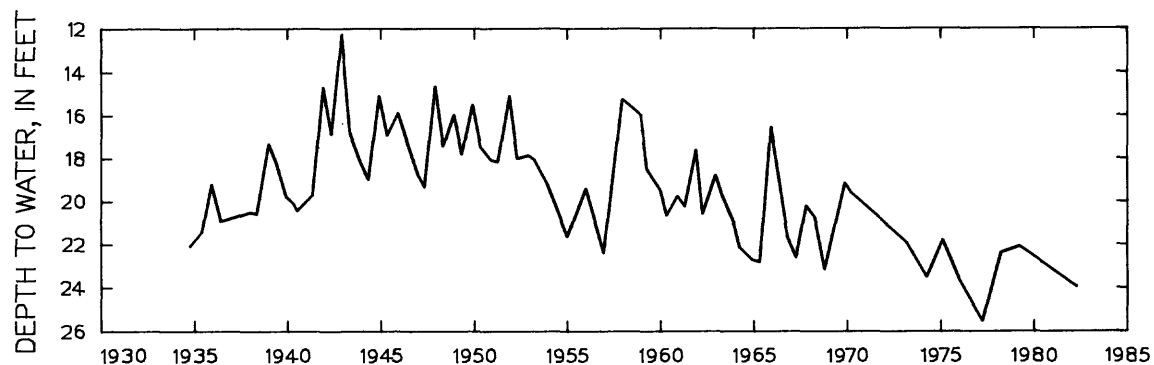


Figure 111.--Water levels for well 381443104320701, SC21 64 03DAC.

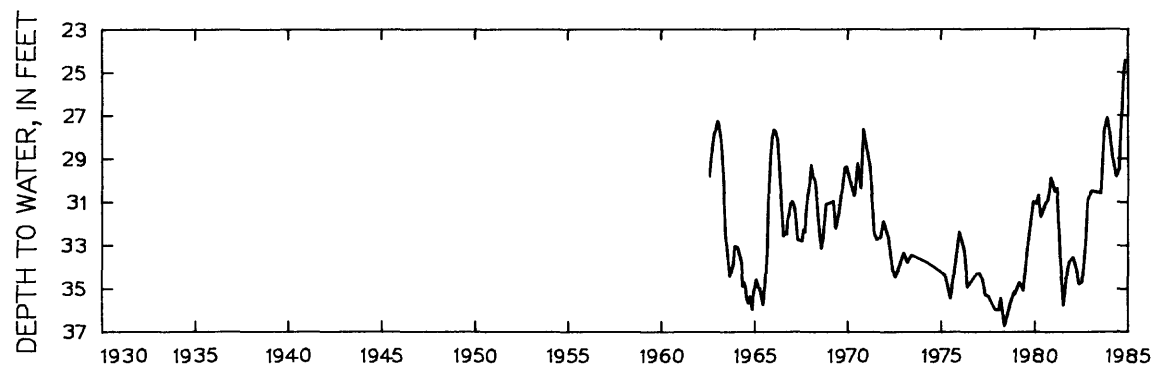


Figure 112.--Water levels for well 381429104273300, SC21 63 08AAA.

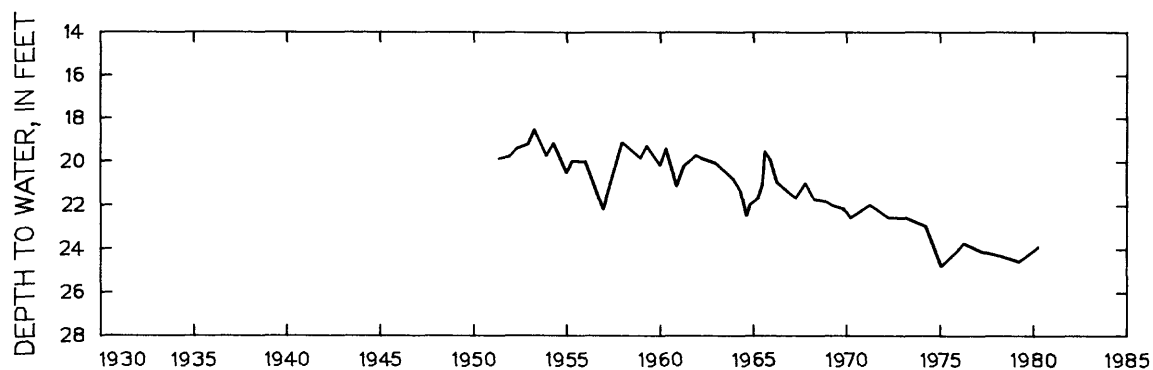


Figure 113.--Water levels for well 381624104264602, SC20 63 33ABA2.

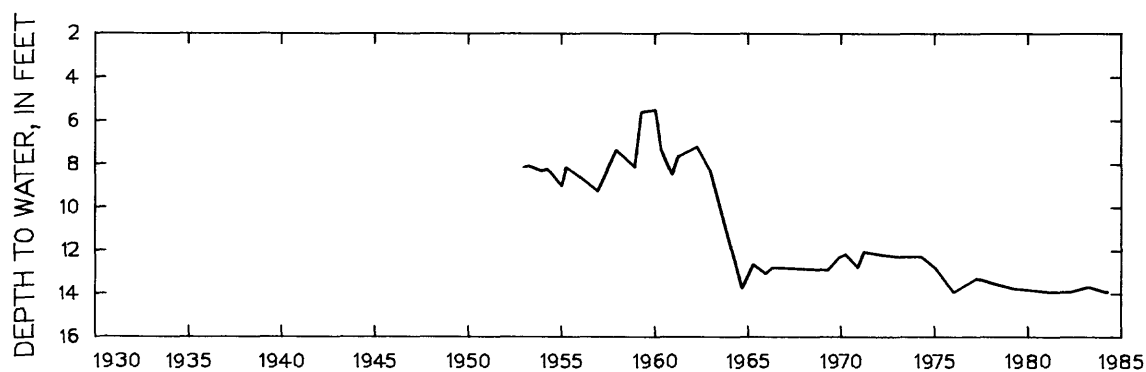


Figure 114.--Water levels for well 381529104200600, SC21 62 04AAA.

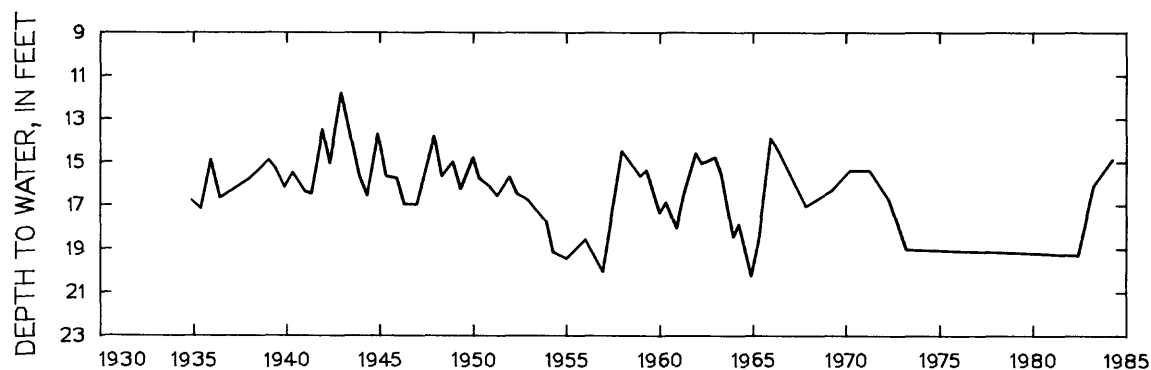


Figure 115.--Water levels for well 381340104205601, SC21 62 09CCC.

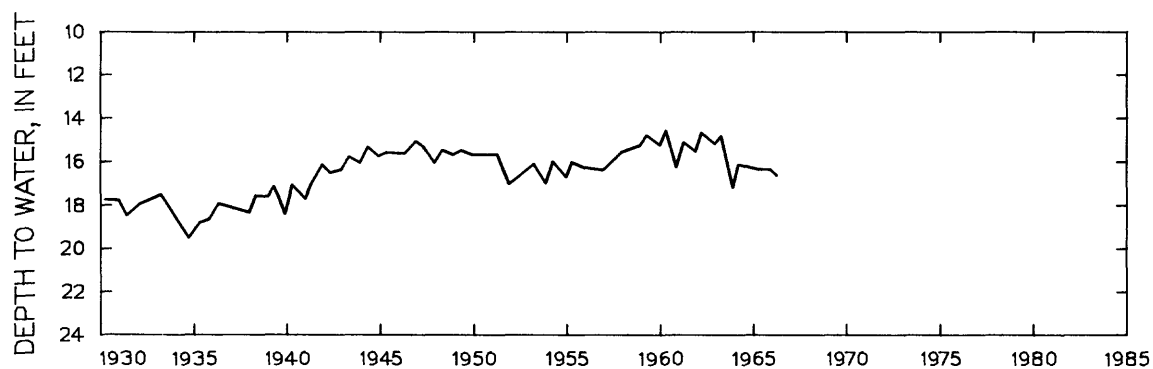


Figure 116.--Water levels for well 381258104113800, SC21 61 23BAA.



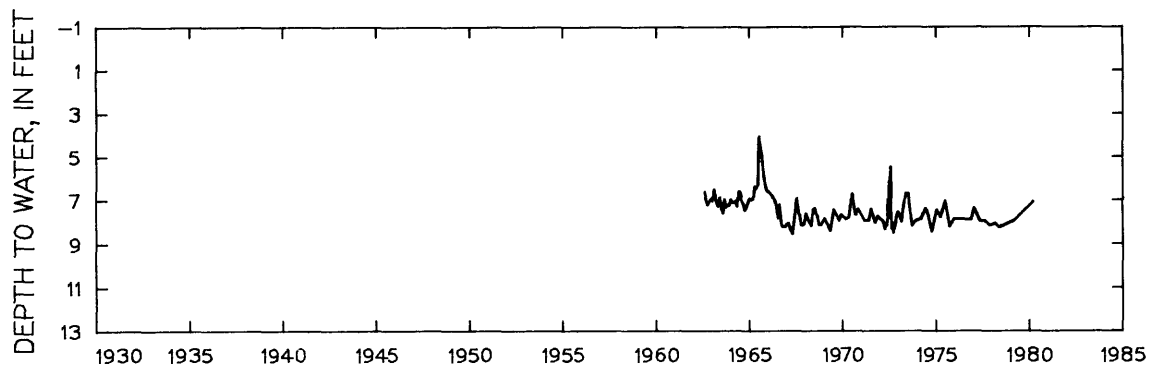


Figure 117.--Water levels for well 380838104012000, SC22 59 09CCB.

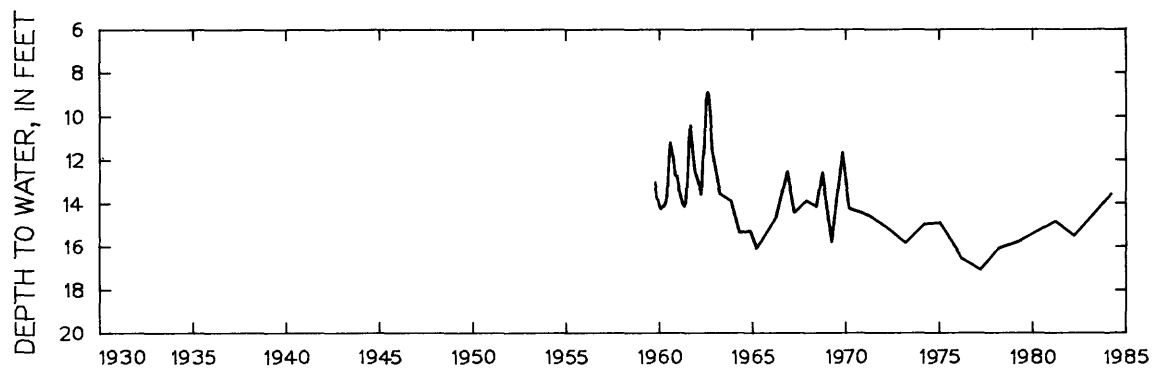


Figure 118.--Water levels for well 381104103482600, SC21 57 32AAB.

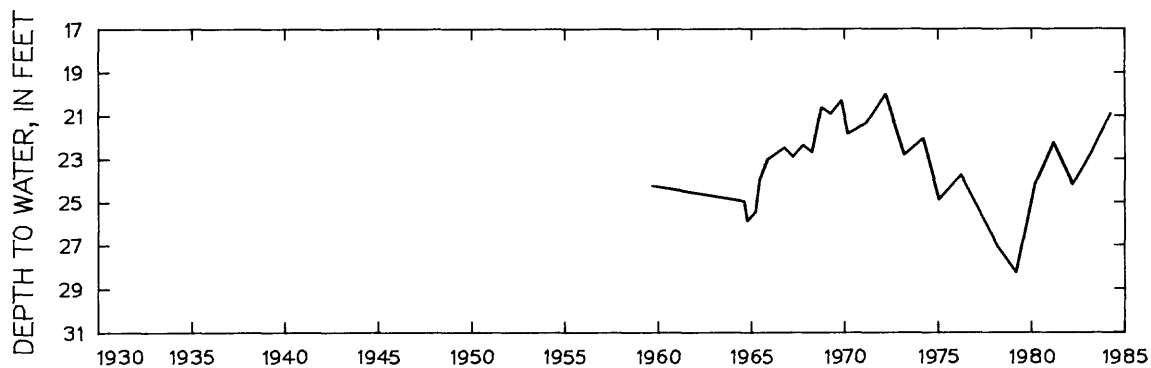


Figure 119.--Water levels for well 380414103450400, SC23 57 02DDC.

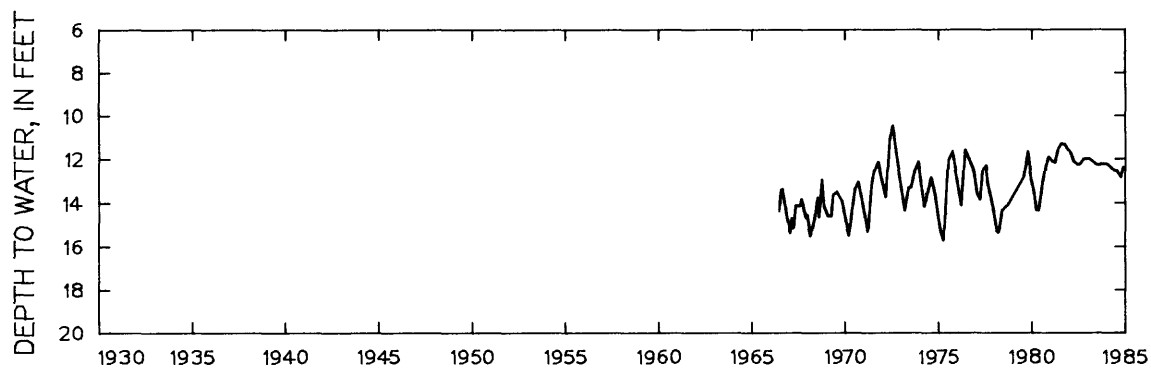


Figure 120.--Water levels for well 380221103413700, SC23 56 20AAA.

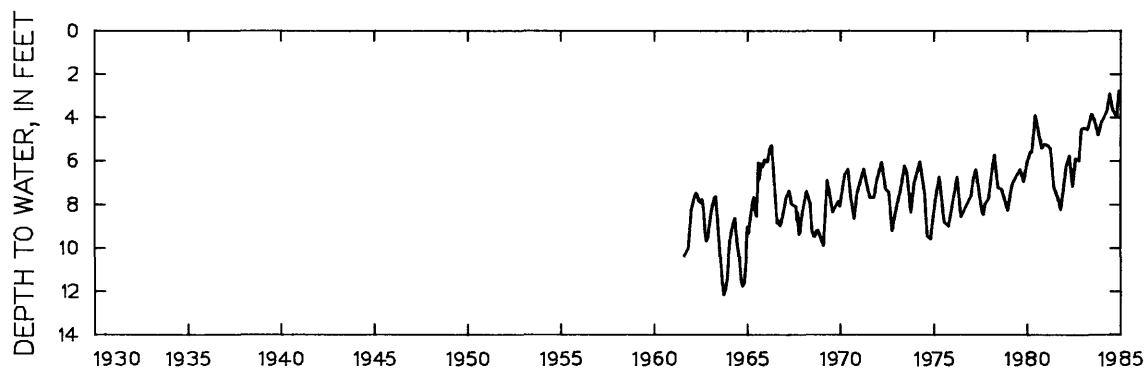


Figure 121.--Water levels for well 380007103311200, SC23 55 36CAD.

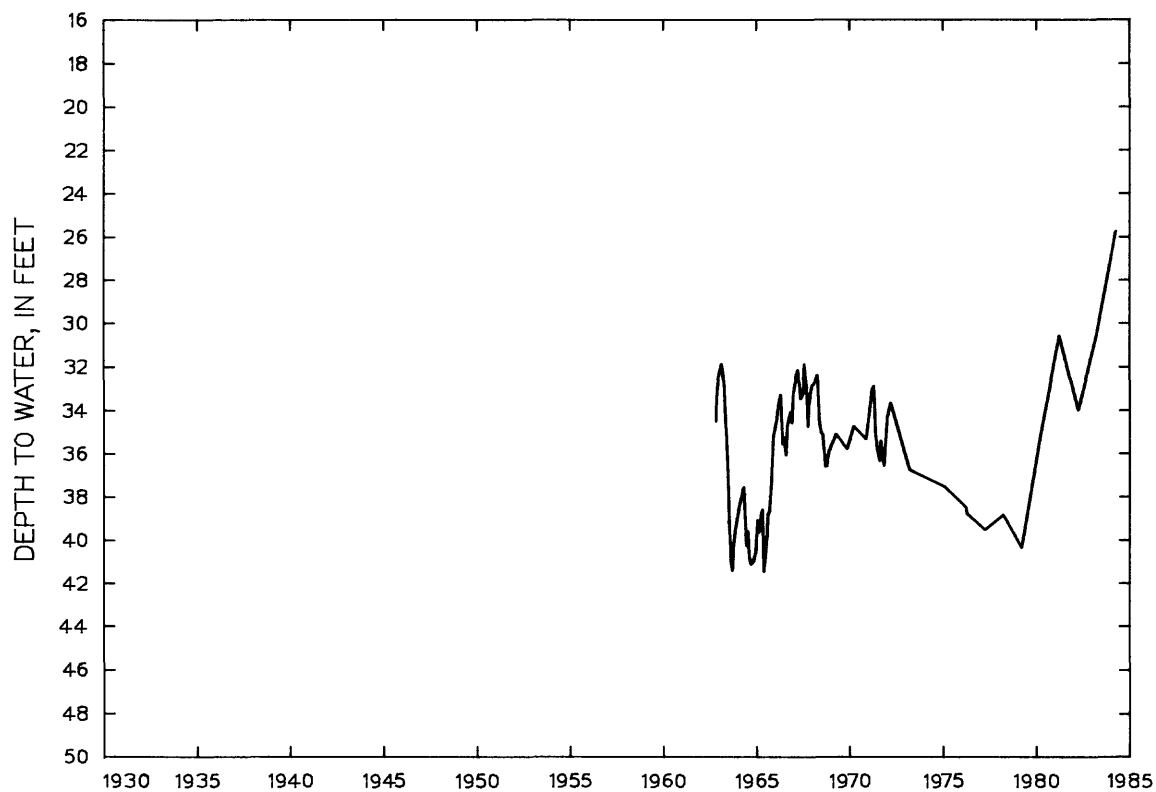


Figure 122.--Water levels for well 380203103281500, SC23 54 21BCC.

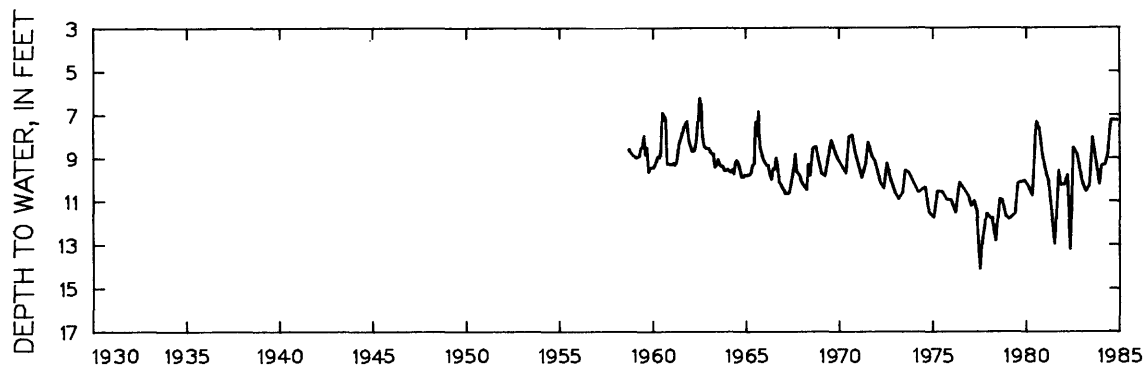


Figure 123.--Water levels for well 380348103185300, SC23 53 11ACC.

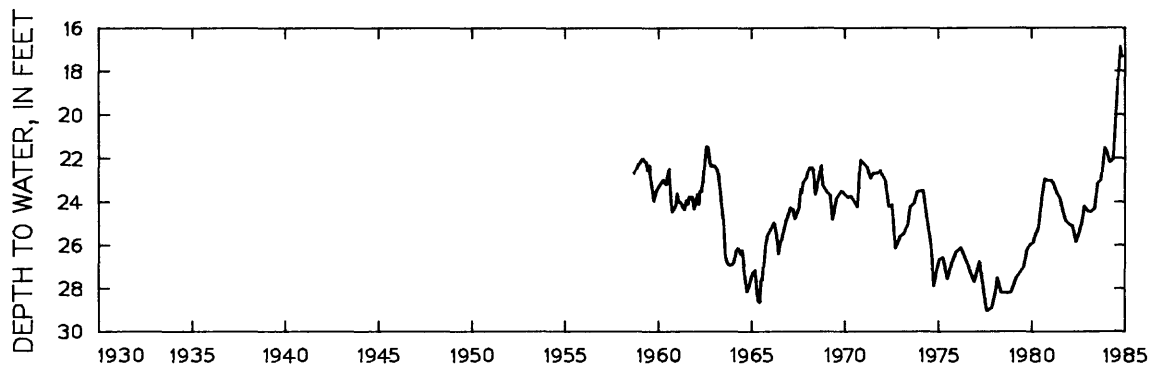


Figure 124.--Water levels for well 380513103150400, SC22 52 33CCB.

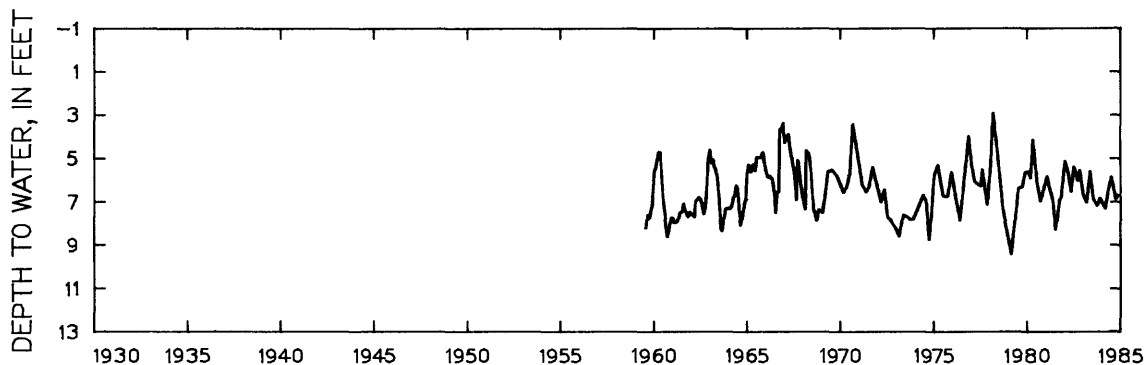


Figure 125.--Water levels for well 380323103085900, SC23 51 08DCC.

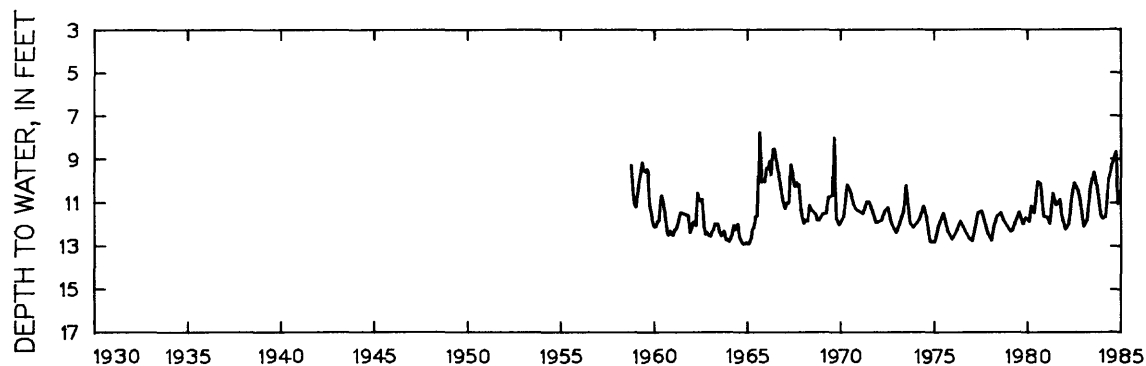


Figure 126.--Water levels for well 380416102554000, SC23 49 05DDC.

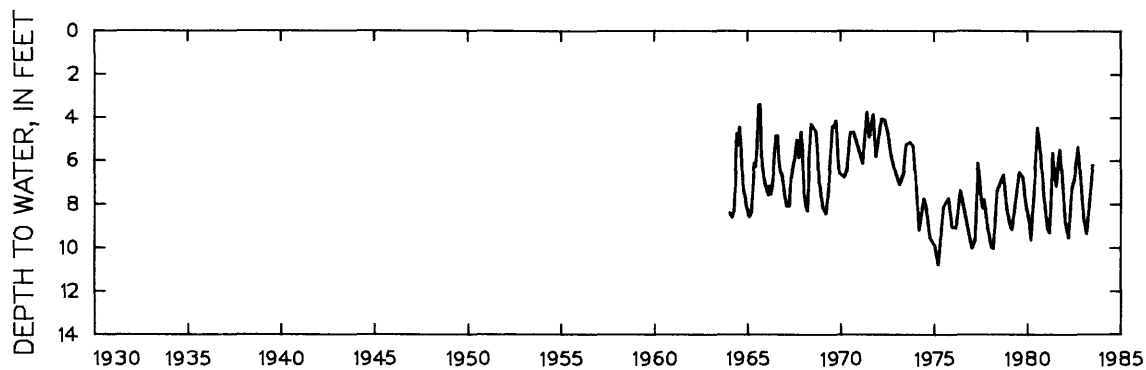


Figure 127.--Water levels for well 380441102480000, SC23 48 04ADC.

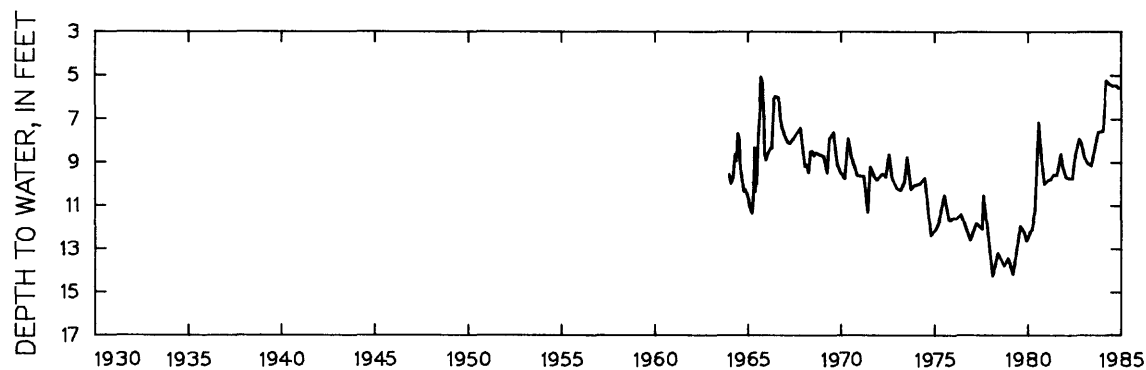


Figure 128.--Water levels for well 380612102350800, SC22 46 28DCB.

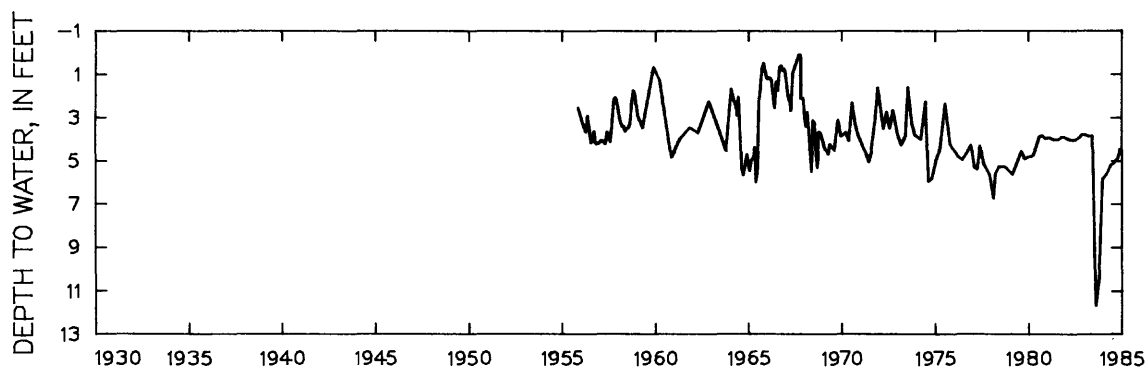


Figure 129.--Water levels for well 380532102311600, SC22 45 31CBB.

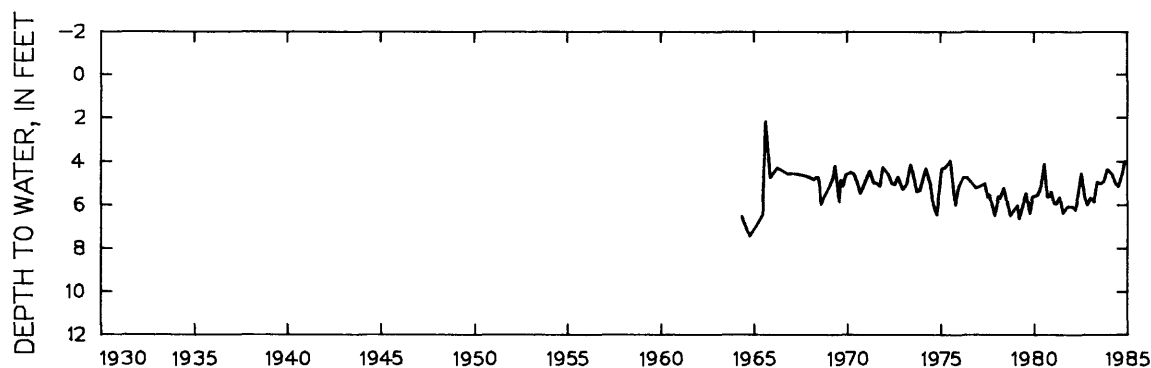


Figure 130.--Water levels for well 380651102285900, SC22 45 21CCC.

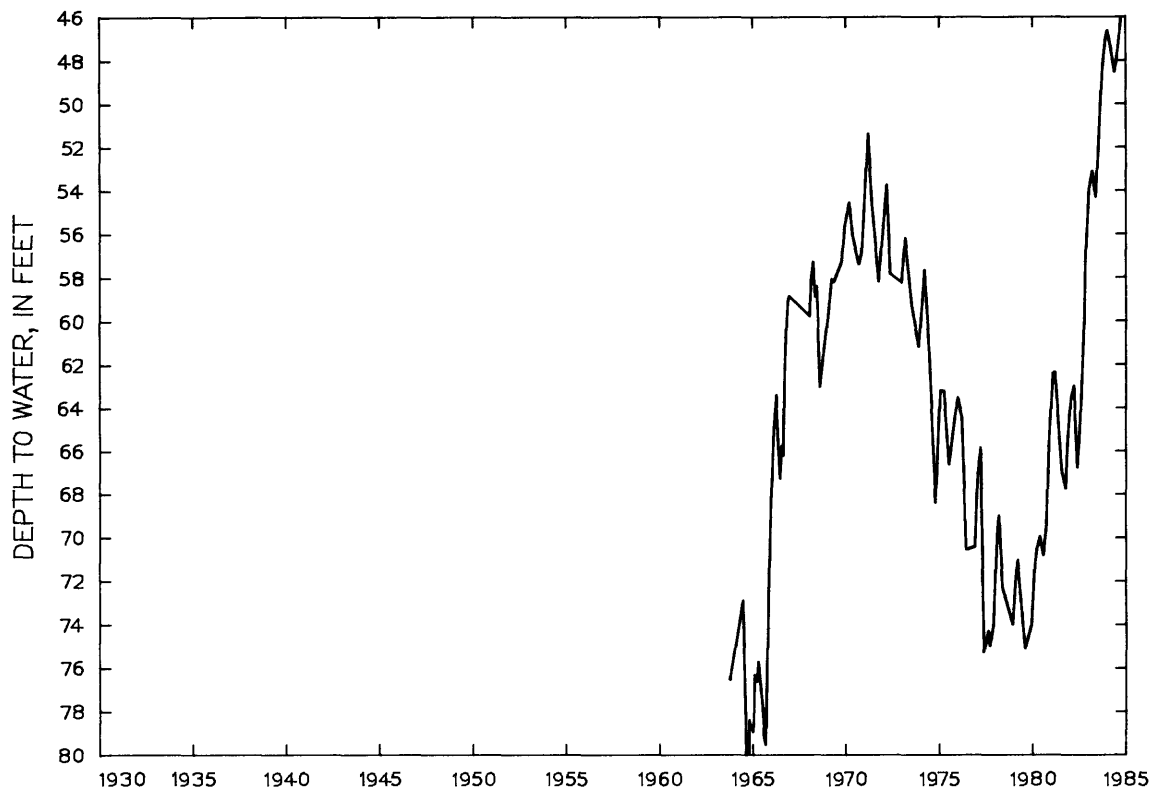


Figure 131.--Water levels for well 380806102261100, SC22 45 14DBA.

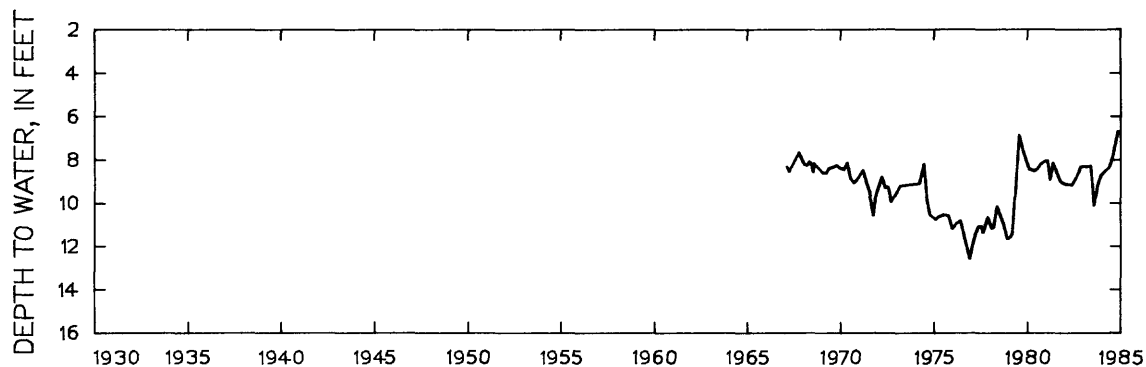


Figure 132.--Water levels for well 380558102220800, SC22 44 33BAB.

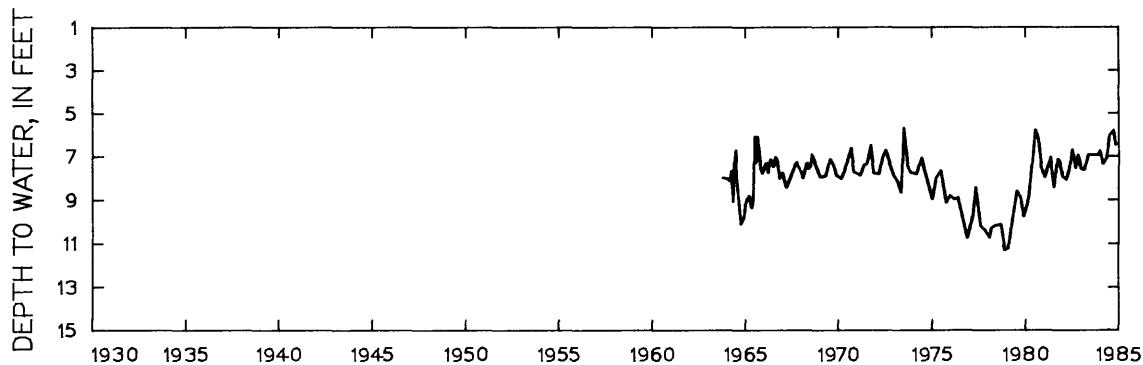


Figure 133.--Water levels for well 380338102130901, SC23 43 11DCB.

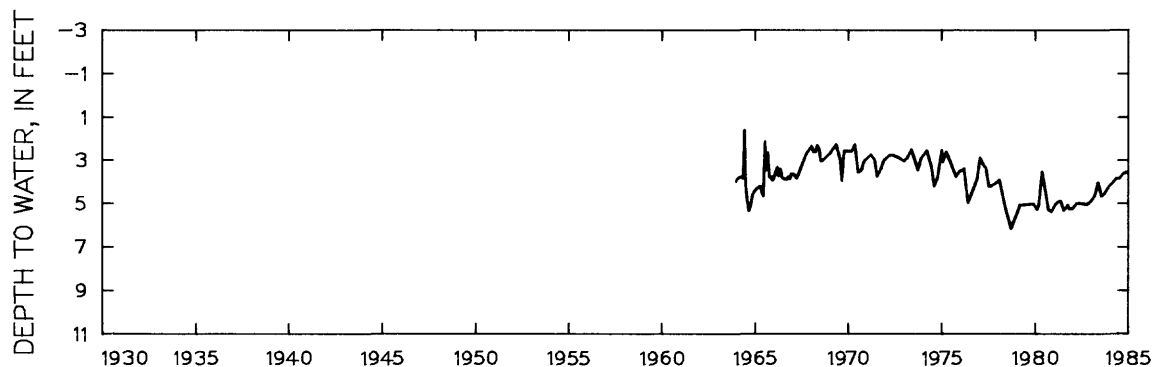


Figure 134.--Water levels for well 380218102042000, SC23 41 19BDA.

No qualitative analysis was computed for the ground-water level data. A careful examination of all the hydrographs indicates that most of the wells exhibit no long-term trends over their periods of record, although there are many short-term changes. A hydrograph of average water-level change in the alluvial aquifer downstream from Pueblo indicates the average basin-wide changes with time (fig. 135). This hydrograph was drawn by computing the average depth to water for each well, subtracting the average depth from each individual reading, and then plotting all of the data (figs. 111-134 except 131) on the same graph. Water levels were generally above average from a peak in 1943 until about 1955. There was a general rise of water levels until 1963 when a rather severe drought contributed to declining water levels. The 1965 flood interrupted that decline, which was then followed by gradual declines through 1979. Since then, there has been a gradual recovery of water levels.

To demonstrate the close interaction between the river and the adjacent aquifer, the U.S. Geological Survey has installed continuous recorders on a few wells near the river. Hydrographs of daily mean discharge for station 07109500 (Arkansas River near Avondale) plotted on a log scale and of depth to water for well 380838104012001, SC22 59 09CCB1 (not in table 9) plotted on a linear scale are shown in figure 136. This well, drilled for the purpose of observing these stream-aquifer responses, is about 500 ft from the river. This well is located near well 380838104012000, SC22 59 09CCB, whose hydrograph is shown in figure 117. Plotting discharge on a log scale to compare with water levels plotted on a linear scale is appropriate because the stage (or water level) of the river is typically logarithmically related to discharge.

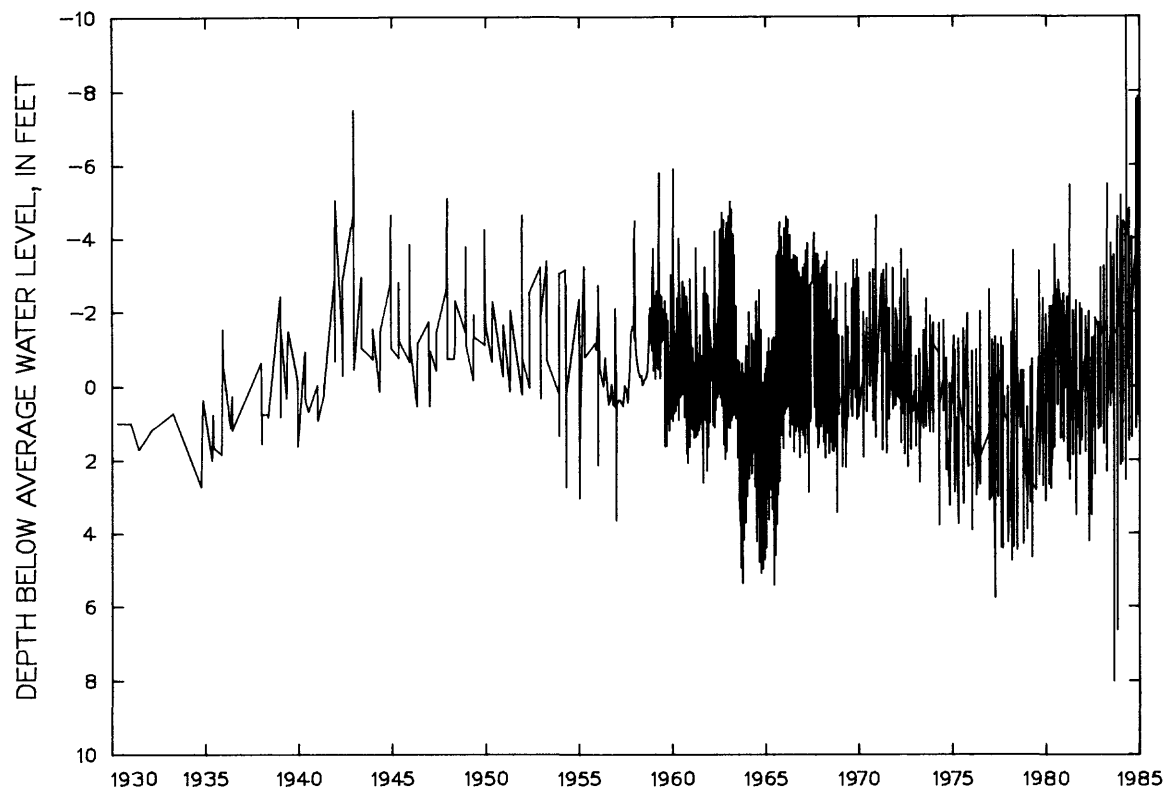


Figure 135.--Composite hydrograph of water levels in wells in the alluvial aquifer downstream from Pueblo.

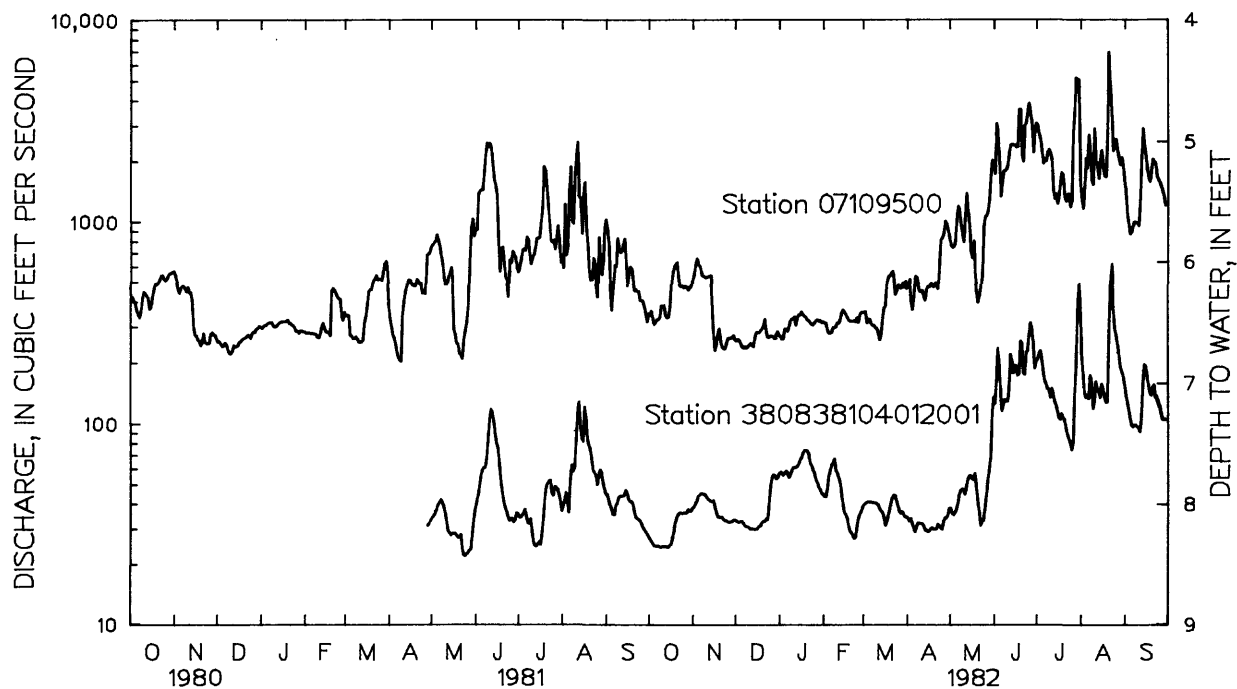


Figure 136.--Hydrograph showing mean daily discharge for station 07109500, Arkansas River near Avondale, and mean daily water levels for well 380838104012001, SC22 59 09CCB1.

## SUMMARY

Monthly precipitation data was collated from U.S. Weather Bureau data for 30 sites in the Arkansas River basin. Hydrographs of annual precipitation are presented along with selected annual frequency and monthly distribution figures. Interstation correlation between all pairs of stations gave a best fit of 0.85. Two sites (8064, Sugarloaf Reservoir 1ESE and 8931, Westcliffe) had statistically significant downward time trends, though neither is felt to represent a true physical change in precipitation.

First-of-the-month snowpack data was collated from U.S. Soil Conservation Service data for 18 sites in the Arkansas River basin. Hydrographs of April 1 snowpack are presented. A plot of site elevation versus mean April 1 snowpack indicates there is a  $\frac{1}{2}$ -in. increase in the water content of the snowpack for each 100-ft increase in elevation. April 1 snowpack generally is the highest snowpack, and the February 1 snowpack is 60 percent of the April 1 snowpack. The best interstation correlation between all pairs of snow-survey courses was 0.96. There was very little statistically significant correlation between precipitation and snowpack. Only one of the sites showed a statistically significant time trend.

Monthly stream-discharge data was retrieved from U.S. Geological Survey records for 46 stations. Hydrographs of annual mean discharge are presented along with selected annual frequency and monthly distribution figures of runoff. Average discharge data indicate the flow increases until just downstream from Pueblo, where irrigation diversions begin depleting average flow. Interstation correlation between streamflow data is generally very good, the highest correlation coefficient being 0.999. Correlation between streamflow and precipitation was very poor, but correlation between snowpack and streamflow was as high as 0.85. A statistically significant upward trend was found for station 07086000 (Arkansas River at Granite), probably because of increasing transmountain diversions going past this gage. Statistically significant downward trends were found for stations east of Pueblo: Five at the 1-percent confidence interval and five at the 5-percent level of confidence.

Instantaneous water levels were retrieved from U.S. Geological Survey records for 37 wells. Hydrographs of these water levels are presented. A composite hydrograph of water-level change for 23 wells in the alluvial valley east of Pueblo shows no long-term change in water levels.

## REFERENCES

- U.S. Geological Survey, 1975, WATSTORE (Water Data Storage and Retrieval System): Washington, U.S. Government Printing Office, leaflet, 7 p.
- U.S. Soil Conservation Service, 1972, Summary of snow survey measurements for Colorado and New Mexico 1936-1972: Denver, Colo., 208 p.
- U.S. Weather Bureau, 1953, Climatological data annual summary Colorado 1952: Chattanooga, Tenn., v. 57, no. 13, p. 171-181.



## **SUPPLEMENTAL INFORMATION**

Table 10.--Matrix of correlation coefficients of monthly precipitation<sup>1</sup>

| Station<br>number | Station number |   |   |    |   |   |    |    |    |    |   |    |    |   |   |    |   |   |   |    |   |   |    |    |
|-------------------|----------------|---|---|----|---|---|----|----|----|----|---|----|----|---|---|----|---|---|---|----|---|---|----|----|
|                   | 1              | 1 | 2 | 2  | 3 | 3 | 3  | 4  | 4  | 4  | 4 | 4  | 4  | 4 | 5 | 5  | 6 | 6 | 6 | 6  | 7 | 7 | 7  | 8  |
| 1071              | 6              | 6 | 3 | 5  | 6 | 5 | 4  | 3  | 4  | 4  | 6 | 3  | 4  | 4 | 5 | 6  | 4 | 6 | 6 | 4  | 4 | 6 | 7  | 4  |
| 1294              |                | 7 | 5 | 6  | 7 | 6 | 5  | 4  | 6  | 5  | 8 | 5  | 6  | 7 | 7 | 6  | 6 | 8 | 7 | 7  | 7 | 7 | 5  | 2  |
| 1778              | 6              | 7 | 6 | 8  | 9 | 7 | 6  | 6  | 6  | 8  | 6 | 7  | 7  | 7 | 7 | 6  | 7 | 7 | 7 | 7  | 6 | 5 | 6  | 1  |
| 2446              | 3              | 5 | 6 | 7  | 6 | 7 | 8  | 7  | 7  | 7  | 6 | 8  | 6  | 8 | 6 | 5  | 7 | 6 | 5 | 6  | 7 | 5 | 4  | -- |
| 2997              | 5              | 6 | 8 | 7  | 8 | 7 | 8  | 5  | 7  | 7  | 7 | 6  | 7  | 6 | 6 | 8  | 6 | 6 | 7 | 7  | 6 | 5 | 6  | -- |
| 3063              | 6              | 7 | 9 | 6  | 8 |   | 7  | 7  | 6  | 6  | 8 | 6  | 7  | 7 | 7 | 6  | 7 | 7 | 7 | 7  | 7 | 6 | 6  | 1  |
| 3079              | 5              | 6 | 7 | 7  | 7 | 7 |    | 6  | 7  | 7  | 7 | 6  | 7  | 7 | 6 | 8  | 6 | 7 | 8 | 6  | 6 | 5 | 6  | 1  |
| 3828              | 4              | 5 | 6 | 8  | 8 | 7 | 7  | 6  | 7  | 7  | 6 | 7  | 8  | 6 | 5 | 8  | 6 | 6 | 6 | 7  | 6 | 5 | 7  | -- |
| 4076              | 3              | 4 | 6 | 7  | 5 | 6 | 6  | 6  | 7  | 6  | 5 | 8  | 7  | 5 | 4 | 6  | 5 | 5 | 6 | 6  | 4 | 3 | 7  | -- |
| 4388              | 4              | 6 | 6 | 7  | 7 | 6 | 7  | 7  | 7  | 7  | 7 | 8  | 8  | 6 | 5 | 7  | 5 | 6 | 6 | 7  | 5 | 4 | 7  | -- |
| 4720              | 4              | 5 | 6 | 7  | 7 | 6 | 7  | 6  | 7  | 6  | 7 | 6  | 7  | 6 | 5 | 8  | 6 | 6 | 6 | 6  | 8 | 6 | 5  | 7  |
| 4750              | 6              | 8 | 6 | 7  | 8 | 7 | 6  | 5  | 7  | 6  |   | 6  | 7  | 8 | 6 | 5  | 8 | 7 | 7 | 8  | 7 | 6 | 2  | 7  |
| 4770              | 3              | 5 | 6 | 8  | 6 | 6 | 7  | 8  | 7  | 8  | 7 | 6  | 8  | 6 | 4 | 7  | 5 | 5 | 6 | 7  | 5 | 4 | 8  | -- |
| 4834              | 4              | 6 | 7 | 8  | 7 | 7 | 8  | 7  | 8  | 8  | 6 | 8  |    | 6 | 5 | 7  | 5 | 6 | 7 | 8  | 6 | 4 | 7  | -- |
| 5730              | 5              | 7 | 7 | 6  | 6 | 7 | 7  | 6  | 5  | 6  | 6 | 8  | 6  | 6 | 6 | 7  | 7 | 7 | 6 | 7  | 6 | 6 | 2  | 6  |
| 5990              | 6              | 6 | 6 | 5  | 6 | 6 | 5  | 4  | 5  | 5  | 7 | 4  | 5  | 6 | 6 | 6  | 6 | 6 | 6 | 5  | 7 | 6 | 5  | 3  |
| 6131              | 4              | 6 | 7 | 7  | 8 | 7 | 8  | 6  | 7  | 8  | 7 | 7  | 7  | 7 | 6 | 6  | 7 | 7 | 7 | 8  | 6 | 5 | 7  | -- |
| 6410              | 6              | 8 | 7 | 6  | 6 | 7 | 6  | 5  | 5  | 6  | 8 | 5  | 5  | 7 | 6 | 7  | 6 | 6 | 6 | 6  | 5 | 7 | -- | 6  |
| 6740              | 6              | 7 | 7 | 5  | 7 | 7 | 6  | 5  | 6  | 6  | 7 | 5  | 6  | 6 | 6 | 6  | 7 | 6 | 8 | 7  | 7 | 6 | 6  | 1  |
| 6741              | 4              | 7 | 7 | 6  | 6 | 7 | 8  | 6  | 6  | 6  | 6 | 6  | 7  | 6 | 7 | 7  | 7 | 8 | 7 | 7  | 6 | 6 | 6  | 6  |
| 7167              | 4              | 6 | 6 | 7  | 7 | 7 | 8  | 7  | 6  | 7  | 8 | 6  | 7  | 8 | 6 | 5  | 8 | 6 | 6 | 7  | 7 | 6 | 5  | 7  |
| 7315              | 6              | 7 | 6 | 5  | 6 | 7 | 6  | 6  | 4  | 5  | 6 | 8  | 5  | 6 | 7 | 7  | 6 | 6 | 7 | 7  | 6 | 5 | 2  | 6  |
| 7370              | 7              | 7 | 5 | 4  | 5 | 6 | 5  | 3  | 4  | 5  | 6 | 4  | 4  | 6 | 6 | 5  | 6 | 6 | 6 | 5  | 6 | 4 | 3  | 5  |
| 7862              | 4              | 5 | 6 | 7  | 6 | 6 | 6  | 7  | 7  | 7  | 6 | 8  | 7  | 6 | 5 | 7  | 5 | 6 | 6 | 7  | 5 | 4 | -- | 7  |
| 8064              | 4              | 2 | 1 | -- | 1 | 1 | -- | -- | -- | -- | 2 | -- | -- | 2 | 3 | -- | 1 | 1 | 1 | -- | 2 | 3 | -- | 1  |
| 8429              | 4              | 6 | 6 | 6  | 7 | 7 | 6  | 5  | 6  | 7  | 7 | 6  | 6  | 6 | 7 | 6  | 6 | 6 | 6 | 7  | 6 | 5 | 7  | 1  |
| 8434              | 5              | 6 | 7 | 6  | 7 | 7 | 6  | 6  | 6  | 7  | 7 | 7  | 7  | 7 | 6 | 6  | 7 | 6 | 6 | 7  | 7 | 5 | 6  | -- |
| 8501              | 7              | 5 | 4 | 3  | 4 | 4 | 4  | 3  | 2  | 3  | 3 | 4  | 3  | 3 | 4 | 5  | 3 | 4 | 4 |    | 3 | 4 | 6  | 3  |
| 8781              | 6              | 7 | 6 | 5  | 6 | 6 | 6  | 6  | 4  | 5  | 6 | 7  | 5  | 5 | 6 | 7  | 6 | 7 | 7 | 6  | 8 | 6 | 5  | 2  |
| 8931              | 5              | 6 | 5 | 4  | 6 | 6 | 6  | 4  | 3  | 5  | 5 | 7  | 4  | 5 | 6 | 6  | 5 | 6 | 6 | 6  | 5 | 7 | 6  | 4  |

<sup>1</sup>0.00 - 0.05 = 0      0.25 - 0.35 = 3      0.55 - 0.65 = 6      0.85 - 0.95 = 9  
0.05 - 0.15 = 1      0.35 - 0.45 = 4      0.65 - 0.75 = 7      0.95 - 1.00 = 10  
0.15 - 0.25 = 2      0.45 - 0.55 = 5      0.75 - 0.85 = 8      -- = not significantly different from 0.00.

Table 11.--Matrix of correlation coefficients of first-of-the-month snowpack<sup>1</sup>

| Station<br>number | Station number |   |   |    |    |    |    |   |    |    |   |   |    |    |   |    |
|-------------------|----------------|---|---|----|----|----|----|---|----|----|---|---|----|----|---|----|
|                   | 5              | 5 | 5 | 5  | 5  | 5  | 6  | 6 | 6  | 6  | 6 | 6 | 6  | 6  | 6 | 5  |
| 5M07S             |                |   |   |    |    |    |    |   |    |    |   |   |    |    |   |    |
| 5L03              | 9              | 7 | 8 | 9  | 10 | 6  | 7  | 7 | 6  | 6  | 7 | 8 | 8  | 6  | 6 | 5  |
| 5M06              | 9              | 7 | 9 |    |    | 5  | 6  | 3 | 6  | 8  | 4 | 9 | 6  | 4  | 7 | 4  |
| 5M05              | 9              | 8 | 9 | 10 |    | 7  | 8  | 7 | 8  | 9  | 7 | 9 | 8  | 7  | 7 | 9  |
| 5M12              | 10             | 9 |   |    | 10 | 9  | 8  | 8 | 9  | 8  | 8 | 9 | 9  | 9  | 7 | 8  |
| 6K17              | 6              | 7 | 5 | 7  | 9  | 8  | 10 | 9 | 9  | 7  | 9 | 6 | 9  | 10 | 6 | 6  |
| 6K07              | 7              | 7 | 6 | 8  | 8  | 8  | 7  | 7 | 9  | 9  | 7 | 7 | 8  | 7  | 8 | 8  |
| 6K08              | 6              | 6 | 3 | 7  | 8  | 10 | 7  | 8 | 6  | 9  | 9 | 5 | 9  | 9  | 5 | 5  |
| 6L08              | 7              | 7 | 6 | 8  | 9  | 9  | 9  | 8 | 8  | 8  | 9 | 8 | 10 | 9  | 8 | 8  |
| 5L04              | 8              | 8 | 8 | 9  | 8  | 7  | 9  | 6 | 8  | 8  | 8 | 9 | 8  | 8  | 8 | 10 |
| 6K04              | 6              | 6 | 4 | 7  | 8  | 9  | 7  | 9 | 9  | 8  | 6 | 6 | 9  | 9  | 7 | 6  |
| 5M1M              | 9              | 7 | 9 | 9  | 9  | 6  | 7  | 5 | 8  | 9  | 6 | 7 | 7  | 7  | 8 | 9  |
| 6L04              | 7              | 7 | 6 | 8  | 9  | 9  | 8  | 9 | 10 | 8  | 9 | 7 | 10 | 9  | 8 | 7  |
| 6L3P              | 8              | 7 | 6 | 8  | 9  | 9  | 7  | 9 | 9  | 8  | 9 | 7 | 10 | 9  | 7 | 7  |
| 6K02              | 6              | 6 | 4 | 7  | 9  | 10 | 8  | 9 | 9  | 8  | 9 | 7 | 9  | 7  | 9 | 7  |
| 6L12              | 6              | 6 | 7 | 7  | 7  | 6  | 8  | 5 | 8  | 8  | 7 | 8 | 8  | 7  | 8 | 8  |
| 6K03S             | 5              | 5 | 4 | 7  | 8  | 9  | 8  | 9 | 9  | 8  | 9 | 6 | 9  | 9  | 8 | 6  |
| 5L02              | 8              | 8 | 9 | 9  | 8  | 6  | 8  | 5 | 8  | 10 | 6 | 9 | 7  | 7  | 8 | 6  |

<sup>1</sup>10.00 - 0.05 = 0      0.35 - 0.45 = 4      0.75 - 0.85 = 8  
0.05 - 0.15 = 1      0.45 - 0.55 = 5      0.85 - 0.95 = 9  
0.15 - 0.25 = 2      0.55 - 0.65 = 6      0.95 - 1.00 = 10  
0.25 - 0.35 = 3      0.65 - 0.75 = 7  
-- = not significantly different from 0.00

Table 12.--Matrix of correlation

| Station<br>number | Station |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                   | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07079500          | 9       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07081000          | 9       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07081200          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07083000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07084500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07086000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07086500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07089000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07091500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07093700          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07094500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07095000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07096000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07097000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07099100          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07099400          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07099500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07103700          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07104000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07105800          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07106000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07106300          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07106500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07108500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07108800          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07108900          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07109000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07109500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07116000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07117000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07119500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07119700          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07123000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07124000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07124500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07126000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07126300          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07126500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07128000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07128500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07130500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07133000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07134100          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07135500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07137000          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 07137500          |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

10.00 - 0.05 = 0

0.25 - 0.35 = 3

0.55 - 0.65 = 6

0.85 - 0.95 = 9

0.05 - 0.15 = 1

0.35 - 0.45 = 4

0.65 - 0.75 = 7

0.95 - 1.00 = 10

0.15 - 0.25 = 2

0.45 - 0.55 = 5

0.75 - 0.85 = 8

-- = not significantly different

coefficients of monthly discharge

| number |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 0      | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 7      | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  |
| 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| 0      | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 3  |
| 6      | 8  | 8  | 8  | 9  | 9  | 6  | 7  | 9  | 9  | 3  | 4  | 4  | 6  | 6  | 6  | 8  | 8  | 0  | 3  | 4  | 5  |
| 5      | 5  | 8  | 9  | 0  | 5  | 0  | 0  | 5  | 7  | 0  | 0  | 5  | 0  | 3  | 5  | 0  | 5  | 5  | 0  | 1  | 5  |
| 0      | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 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      |    |    |    | -- |    |    |    | -- |    | 5  |    | 6  | -- |    |    | -- |    | 4  |    | 5  |    |
| 4      |    |    |    | -- |    |    |    | -- |    | 4  |    | 6  | -- |    |    | -- |    | 4  |    | 4  |    |
| 2      |    | 3  | -- |    | 9  |    | 8  | 3  | 8  | 7  | 7  | 6  | 3  | 3  |    | 3  | 7  | 5  | -- | 4  | 4  |
| 2      | -- | 3  | -- |    | 9  | 3  | 8  | 3  | 8  | 6  | 6  | 6  | 3  | 3  | 3  | -- | 3  | 5  | 4  | -- | -- |
| 2      | 4  | 3  | -- |    | 8  | 3  | 8  | 3  | 7  | 6  | 5  | 6  | 4  | 3  | 3  | 2  | 3  | 5  | 3  | -- | 5  |
| 2      | 2  | 3  | -- | -- | 8  | 1  | 7  | 2  | 8  | 4  | 4  | 5  | 3  | 3  | 2  | 2  | 2  | 3  | 2  | -2 | 2  |
| 2      | 4  | 3  | -- |    | 9  | 3  | 9  | 4  | 8  | 7  | 7  | 7  | 3  | 4  | 3  | 2  | 3  | 5  | 4  | -- | 5  |
| 2      | 3  | 3  | -- | -- | 9  | 3  | 9  | 3  | 8  | 6  | 6  | 7  | 4  | 3  | 3  | -- | 3  | 5  | 4  | -- | 4  |
| 2      | 3  | 3  | -- | -- | 8  | 1  | 8  | 3  | 8  | 5  | 5  | 6  | 3  | 3  | 3  | 2  | 3  | 4  | 3  | -2 | 3  |
| 2      |    | 3  | -- |    | 9  | -- | 9  | 4  | 8  | 6  | 6  | 7  | 5  | 3  | 4  |    | 3  | 6  | 4  | -- | 5  |
| 2      | 4  | 3  | -- |    | 9  | 2  | 9  | 4  | 9  | 6  | 6  | 6  | 3  | 3  | 3  | 2  | 3  | 6  | 4  | -- | 5  |
| 6      | 7  | 6  | -- |    | 8  | 6  | 8  | 4  | 7  | 7  | 7  | 7  | 4  | 4  | 5  | 5  | 3  | 6  | 6  | -- | 6  |
| 3      | 4  | 3  | -- | -- | 9  | 3  | 9  | 3  | 9  | 6  | 6  | 6  | 4  | 3  | 3  | 3  | 3  | 4  | 4  | -- | 4  |
| 4      | 5  |    | 4  |    | 9  | 4  | 9  | 4  | 9  | 7  | 6  | 6  | 8  | 5  | 4  | 4  | 5  | 5  | 4  | -- | 5  |
| 9      |    | 9  | 9  |    | 6  |    | 7  | 5  | 7  | 6  | 6  | 5  |    | 5  | 4  |    | 5  | 3  | 3  | 2  | -- |
| 3      |    | 4  | 4  |    | 10 | -- | 9  | 4  | 9  | 8  | 8  | 8  | 5  | 4  | 3  |    | 3  | 6  | 4  | -- | 5  |
| 5      | 6  | 4  |    | -- | 10 | 4  | 9  | 4  | 9  | 7  | 7  | 7  | 4  | 3  | 4  | 4  | 4  | 5  | 6  | -3 | 6  |
| 8      |    | 6  | 9  |    | 7  | 3  | 7  | 5  | 7  | 7  | 7  | 5  | 7  | 5  | 4  | 4  | 4  | 4  | 4  | -- | 2  |
| 9      | 9  |    | 10 |    | 6  | 8  | 7  | 5  | 7  | 7  | 7  | 6  |    | 6  | 6  | 6  | 4  | 6  | 7  | 4  | 7  |
| 9      |    | 5  | 10 |    | 6  | -- | 7  | 6  | 7  | 7  | 7  | 5  | 9  | 5  | 5  |    | 5  | 3  | 4  | 2  | -- |
| 10     | 8  |    |    |    | 7  | 7  | 7  | 6  |    | 8  | 8  | 7  | -- |    | 6  | 6  | 6  | 7  | 7  | 7  | -- |
| 10     |    | 10 | 10 |    | 7  |    | 6  | 6  | 6  | 7  | 6  | 2  |    | 6  | 5  |    | 5  | -- | -- | 4  | -- |
|        | 9  | 8  | 10 | -- | 6  | 6  | 6  | 5  | 7  | 7  | 7  | 6  | 5  | 6  | 5  | 5  | 4  | 4  | 5  | 3  | 7  |
| 9      |    |    |    |    | 7  | 8  | 8  | 7  |    | 9  | 8  | 8  | 4  |    | 7  | 7  | 5  | 8  | 8  |    | 8  |
| 8      |    |    |    |    | 5  |    | 5  | 5  | 5  | 2  | -- | 7  | -- | 5  | 4  |    | 4  | 4  | 5  | -- | 3  |
| 10     |    |    |    |    | 6  |    | 7  | 9  | 7  | 9  | 8  | -- |    | 8  | 6  |    | 8  | -- | -- | 5  | -- |
| --     |    |    |    |    | -- |    |    | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 6      | 7  | 5  | 6  |    |    | 5  | 10 | 6  | 10 | 8  | 8  | 7  | 8  | 5  | 5  | 6  | 5  | 6  | 6  | -- | 7  |
| 6      | 8  |    |    |    | 5  | 6  | 6  | -- | 7  | 7  | 7  | 6  | 5  | 7  | 7  | 5  | 8  | 8  | 8  |    | 8  |
| 6      | 8  | 5  | 7  |    | 10 | 6  |    | 5  | 10 | 9  | 8  | 8  | 5  | 5  | 5  | 4  | 6  | 6  | -- | 7  | 3  |
| 4      | 7  | 5  | 9  | -- | 6  | 6  | 5  |    | 6  | 6  | 6  | 7  | 8  | 7  | 8  | 9  | 8  | 5  | 6  | 2  | 7  |
| 7      |    | 5  | 7  |    | 10 | -- | 10 | 6  |    | 9  | 9  | 8  | 8  | 5  | 5  |    | 5  | 6  | 5  | -- | 3  |
| 7      | 9  | 2  | 9  | -- | 8  | 7  | 9  | 6  | 9  |    | 10 | 6  | 7  | 4  | 6  | 6  | 7  | 7  | 9  | -- | 9  |
| 7      | 8  | -- | 8  |    | 8  | 7  | 8  | 6  | 9  | 10 |    | 7  | 7  | 4  | 6  | 6  | 6  | 7  | 8  | -- | 9  |
| 6      | 8  | 7  | -- | -- | 7  | 7  | 8  | 7  | 8  | 6  | 7  |    | 8  | 6  | 8  | 8  | 7  | 6  | 5  | -- | 6  |
| 5      | 4  | -- | -- | -- | 8  | 6  | 5  | 8  | 8  | 7  | 7  | 8  |    | 10 | 9  | 10 | 9  | 2  | 4  | -- | 8  |
| 6      |    | 5  | 8  |    | 5  | 5  | 5  | 7  | 5  | 4  | 4  | 6  | 10 |    | 9  |    | 9  | 3  | 3  | 2  | 2  |
| 5      | 7  | 4  | 6  |    | 5  | 7  | 5  | 8  | 5  | 6  | 6  | 8  | 9  | 9  |    | 10 | 9  | 6  | 7  | -- | 8  |
| 5      | 7  |    |    |    | 6  | 7  | 5  | 9  |    | 6  | 6  | 8  | 10 |    | 10 |    | 10 | 6  | 6  |    | 7  |
| 4      | 5  | 4  | 8  | -- | 5  | 5  | 4  | 8  | 5  | 7  | 6  | 7  | 9  | 9  | 9  | 10 |    | 2  | 7  | 2  | 9  |
| 4      | 8  | 4  | -- |    | 6  | 8  | 6  | 5  | 6  | 7  | 7  | 6  | 2  | 3  | 6  | 6  | 2  |    | 9  | -- | 10 |
| 5      | 8  | 5  | -- | -- | 6  | 8  | 6  | 6  | 5  | 9  | 8  | 5  | 4  | 3  | 7  | 6  | 7  | 9  |    | -- | 10 |
| 3      |    | -- | 5  |    | -- |    | 2  | -- | -- | -- | -- | -- | -- | 2  | -- |    | 2  | -- | -- |    | -2 |
| 7      | 8  |    |    | -- | 7  | 8  | 7  | 7  |    | 9  | 9  | 6  | 8  |    | 8  | 7  | 9  | 10 | 10 |    | -- |
| --     | -- | 3  | -- |    | 4  | 2  | 3  | 1  | 3  | 2  | 2  | 3  | 1  | 2  | 2  | 3  | 1  | 6  | 3  | -2 | -- |
| 5      | 3  | 5  | -- |    | 4  | -- | 3  | 4  | 5  | 5  | 5  | 4  | 5  | 4  | 4  | 3  | 7  | 3  | 7  | 3  | 10 |

from 0.00.

Table 13.--Precipitation, in inches, for station 1071, Buena Vista (ISE)

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1922 | 0.53    | 1.06     | 1.15  | 0.80  | 1.27 | 0.28 | 1.33 | 1.49   | 0.46      | 0.02    | 0.80     | 0.40     | 9.59  |
| 1923 | .20     | .91      | 1.20  | .47   | .75  | .94  | 3.36 | 1.94   | .80       | .57     | .25      | .03      | 11.42 |
| 1925 | .05     | .18      | .20   | .10   | .38  | .87  | 1.95 | 2.01   | .55       | 1.40    | .07      | .03      | 7.79  |
| 1930 | .46     | .00      | .64   | .03   | .11  | .00  | 5.85 | 2.25   | .30       | .46     | .45      | .00      | 10.55 |
| 1931 | .00     | .70      | .36   | 1.11  | .23  | .53  | 1.35 | .98    | .72       | .48     | 1.41     | .00      | 7.87  |
| 1932 | .10     | .29      | .00   | .73   | .24  | .47  | 5.71 | 1.89   | .20       | .70     | .00      | .05      | 10.38 |
| 1933 | .00     | .01      | .00   | .71   | .67  | .64  | 2.55 | 1.10   | 1.05      | .00     | .48      | .25      | 7.46  |
| 1934 | .00     | 1.94     | .00   | 3.03  | 2.78 | .15  | .78  | .75    | .72       | .00     | .11      | .00      | 10.26 |
| 1935 | .53     | .43      | .27   | 2.23  | 1.76 | .00  | 1.80 | 1.10   | 1.78      | .15     | .00      | .00      | 10.05 |
| 1936 | .03     | .66      | .13   | .00   | .55  | .42  | 1.24 | 3.29   | .99       | .06     | .00      | .11      | 7.48  |
| 1937 | .24     | .41      | 2.20  | .41   | .84  | 1.33 | 1.94 | .95    | .39       | .21     | .04      | .15      | 9.11  |
| 1938 | .83     | .65      | .70   | .95   | .69  | .74  | 2.28 | 1.92   | 2.69      | .07     | .60      | .64      | 12.76 |
| 1939 | .04     | .16      | .80   | .00   | .00  | .00  | .20  | .00    | --        | .00     | .00      | .19      | --    |
| 1940 | .42     | .87      | .26   | .60   | .00  | .30  | 1.30 | .88    | .95       | .00     | .57      | .76      | 6.91  |
| 1941 | .50     | .00      | 1.47  | 1.30  | .80  | .75  | .89  | .61    | 1.42      | 2.70    | .00      | .09      | 10.53 |
| 1942 | .00     | .06      | --    | --    | --   | --   | --   | 1.03   | .37       | .74     | .26      | .49      | 99.99 |
| 1943 | .12     | .35      | .69   | .86   | .82  | .71  | 1.74 | 1.13   | .18       | .46     | .16      | .12      | 7.34  |
| 1945 | .74     | .46      | .34   | 1.56  | .98  | .13  | 1.43 | .94    | .84       | .10     | .00      | .07      | 7.59  |
| 1946 | .00     | .05      | .39   | .68   | 2.40 | .00  | 2.04 | .86    | .00       | --      | .96      | .00      | --    |
| 1947 | --      | --       | --    | --    | --   | 1.48 | .95  | 1.76   | .00       | 2.31    | .56      | --       | --    |
| 1948 | .90     | 1.40     | .31   | 1.28  | .01  | --   | --   | 2.53   | .25       | .20     | .12      | 1.60     | --    |
| 1949 | 1.00    | 1.50     | 1.16  | .00   | 1.60 | --   | --   | .50    | --        | 2.14    | --       | --       | --    |
| 1950 | --      | --       | .14   | --    | --   | --   | --   | --     | --        | --      | .77      | .07      | --    |
| 1951 | .78     | .50      | .21   | .39   | .72  | .03  | .67  | 3.54   | .25       | .73     | --       | --       | --    |
| 1952 | 1.95    | .00      | .44   | 1.49  | .86  | .03  | 2.42 | 2.53   | .93       | .00     | 1.24     | .22      | 12.11 |
| 1953 | .08     | .63      | 1.09  | .66   | 2.12 | .47  | 1.84 | .75    | .00       | 1.27    | 1.06     | .47      | 10.44 |
| 1954 | .33     | .00      | .34   | .36   | 1.81 | .44  | 2.29 | .96    | 1.54      | .14     | .81      | .95      | 9.97  |
| 1955 | .00     | 1.53     | .63   | .23   | 1.47 | .13  | 1.85 | 4.39   | .11       | .08     | .01      | .33      | 10.76 |
| 1956 | .86     | .17      | .07   | 1.97  | .75  | .20  | 1.71 | 1.48   | .02       | .40     | 1.05     | .24      | 8.92  |
| 1957 | 1.57    | .10      | .56   | 3.22  | 4.24 | .26  | 3.18 | .97    | .11       | .86     | 1.21     | .01      | 16.29 |
| 1958 | .28     | .00      | 1.19  | 1.44  | .02  | .52  | .62  | .58    | .58       | .96     | .19      | .31      | 6.69  |
| 1959 | .00     | .84      | .29   | 1.03  | .49  | .18  | .53  | 1.58   | 2.33      | 2.46    | .18      | .07      | 9.98  |
| 1960 | .25     | .86      | .42   | .37   | .49  | .66  | 1.17 | .51    | .33       | 1.33    | .48      | .41      | 7.28  |
| 1961 | .00     | .38      | 1.16  | .52   | .39  | .32  | .96  | 4.99   | 2.50      | 2.58    | .45      | .31      | 14.56 |
| 1962 | .59     | .10      | .08   | .37   | .00  | .25  | 1.54 | 1.10   | .52       | .81     | .51      | .81      | 6.68  |
| 1963 | .24     | .51      | .45   | .00   | .13  | 1.67 | 1.22 | 6.89   | 1.68      | .19     | .34      | .34      | 13.66 |
| 1964 | .05     | .27      | .70   | .59   | 1.12 | .26  | 1.79 | 1.35   | .68       | .01     | 2.43     | .83      | 10.08 |
| 1965 | .14     | .79      | .93   | 2.08  | .68  | 2.57 | 3.40 | 2.76   | 1.22      | .85     | .49      | .32      | 16.23 |
| 1966 | .00     | .53      | .12   | .95   | 1.00 | .80  | 1.12 | 1.58   | .18       | .32     | .11      | .89      | 7.60  |
| 1967 | .16     | .21      | .23   | .05   | 1.30 | .94  | 1.87 | 2.32   | 1.25      | .33     | .26      | 1.40     | 10.32 |
| 1968 | .13     | .67      | .47   | .93   | .47  | .00  | 4.68 | 1.77   | .42       | .19     | .24      | .30      | 10.27 |
| 1969 | .55     | .14      | .27   | .55   | 2.50 | 2.12 | 1.67 | 2.27   | 1.44      | 2.94    | .10      | .80      | 15.35 |
| 1970 | .00     | .00      | 1.80  | .94   | .17  | 1.13 | .88  | 2.41   | 2.89      | .36     | .14      | .06      | 10.78 |
| 1971 | .43     | .57      | .09   | .53   | .74  | .00  | 1.45 | 1.04   | 1.21      | 1.44    | .43      | .79      | 8.72  |
| 1972 | .49     | .09      | .39   | .07   | .49  | .90  | .50  | 1.64   | .57       | 1.45    | 1.25     | .73      | 8.57  |
| 1973 | .06     | .03      | 1.58  | .60   | 1.22 | .86  | 3.11 | .66    | .27       | .30     | .09      | .72      | 9.50  |
| 1974 | .85     | .10      | .66   | --    | --   | --   | --   | --     | --        | --      | 1.04     | .39      | --    |
| 1975 | .28     | .60      | .42   | .74   | .60  | .80  | 1.40 | .68    | .72       | --      | --       | --       | --    |
| 1976 | --      | --       | --    | --    | 1.17 | .09  | 1.67 | 2.73   | 2.31      | .13     | --       | --       | --    |
| 1977 | .10     | .16      | .20   | .96   | .41  | .65  | 1.45 | 1.18   | .29       | .35     | .20      | .42      | 6.37  |
| 1978 | .00     | .19      | .28   | .95   | 1.10 | .52  | .41  | .50    | .21       | .98     | .87      | .58      | 6.59  |
| 1979 | .54     | .47      | 1.57  | .10   | 2.27 | 1.43 | .20  | 1.19   | .21       | .33     | .81      | .60      | 9.72  |
| 1980 | .51     | .79      | .66   | 1.62  | 1.33 | .05  | .52  | .56    | 1.34      | .50     | .86      | .19      | 8.93  |

Table 14.--Precipitation, in inches, for station 1294, Canon City

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | 0.38    | 0.80     | 0.34  | 1.72  | 1.73 | 0.74 | 1.29 | 2.11   | 0.44      | 1.30    | --       | 0.55     | --    |
| 1923 | 0.00    | 0.97     | 1.38  | 0.32  | 1.59 | 0.80 | 2.85 | 3.43   | 2.63      | 3.35    | 0.42     | 0.61     | 18.35 |
| 1924 | .46     | .00      | 1.25  | 1.38  | 2.61 | .17  | .65  | .13    | .33       | .68     | .12      | .76      | 8.54  |
| 1925 | .20     | .40      | .05   | .02   | 1.09 | .34  | 4.72 | 1.52   | 1.07      | .55     | .15      | .90      | 11.01 |
| 1926 | .82     | .00      | 1.47  | 1.87  | 1.39 | .67  | 2.57 | 1.46   | .45       | .60     | .31      | .95      | 12.56 |
| 1927 | .19     | 1.09     | 1.65  | .27   | .42  | 3.75 | 2.26 | 2.31   | 2.96      | .07     | .72      | .90      | 16.59 |
| 1928 | .05     | .35      | 1.27  | .36   | 4.23 | .65  | 1.41 | .54    | .23       | .27     | 1.28     | .17      | 10.81 |
| 1930 | .58     | .30      | .59   | .83   | .98  | .15  | 3.23 | 4.02   | 3.10      | .35     | .67      | .09      | 14.89 |
| 1931 | .09     | .98      | .99   | 1.04  | 2.86 | 1.41 | .44  | .42    | .49       | .67     | 1.81     | .06      | 11.26 |
| 1932 | .15     | .12      | .45   | .84   | .56  | 1.35 | 1.11 | 3.98   | .00       | .50     | .22      | .38      | 9.66  |
| 1933 | .00     | .05      | .02   | 2.01  | 1.62 | .71  | .61  | 4.28   | 1.61      | .00     | .51      | 1.00     | 12.42 |
| 1934 | .07     | 1.00     | .70   | 1.48  | .71  | .31  | 1.09 | 3.91   | .47       | .02     | .52      | .61      | 10.89 |
| 1935 | .05     | .18      | .00   | .72   | 4.23 | .32  | 1.92 | 1.52   | 2.50      | .78     | .06      | .00      | 12.28 |
| 1936 | .21     | .21      | .10   | .67   | 1.59 | .80  | 1.97 | 3.91   | 1.39      | 1.24    | .23      | .13      | 12.45 |
| 1937 | .27     | .92      | .86   | .51   | .96  | .67  | 1.23 | 1.72   | 1.39      | .57     | .01      | .67      | 9.78  |
| 1938 | .34     | .63      | 1.63  | 1.32  | 2.27 | 1.06 | 1.05 | 1.20   | 2.84      | .53     | .76      | .13      | 13.76 |
| 1939 | .48     | .40      | 1.12  | 1.09  | .70  | .21  | 1.00 | .31    | .06       | .02     | .36      | .21      | 5.96  |
| 1940 | 1.14    | 1.04     | .30   | 1.62  | 2.11 | .36  | 1.60 | .40    | 2.33      | .20     | 1.11     | .66      | 12.87 |
| 1941 | .18     | .40      | 1.42  | 1.75  | 2.26 | 1.68 | 2.21 | 1.89   | 1.73      | 2.85    | .12      | .46      | 16.95 |
| 1942 | .64     | .45      | 1.03  | 6.51  | .82  | 3.08 | .70  | 1.65   | 1.16      | 1.21    | .21      | .59      | 18.05 |
| 1943 | .62     | .64      | .85   | 1.71  | 2.23 | 1.99 | 1.92 | 1.37   | .15       | .09     | .89      | .61      | 13.07 |
| 1944 | .49     | .14      | 1.55  | 3.51  | 1.86 | .52  | 1.02 | .47    | .26       | .32     | .00      | .30      | 10.44 |
| 1945 | .37     | .30      | .00   | 2.82  | 1.10 | .28  | 4.70 | 2.24   | .11       | .04     | .00      | .04      | 12.00 |
| 1946 | 1.00    | .60      | .20   | 1.69  | 1.56 | .10  | 1.50 | 1.93   | .00       | .79     | 4.20     | .16      | 13.73 |
| 1947 | .29     | .46      | .76   | 1.48  | 3.30 | 2.62 | 1.95 | .84    | .36       | .84     | .64      | 1.15     | 14.69 |
| 1948 | 2.66    | 1.16     | 2.20  | 2.38  | 2.45 | .95  | 1.01 | 1.31   | .12       | .20     | .11      | .70      | 15.25 |
| 1949 | .68     | .22      | 1.40  | 1.06  | 3.96 | 4.64 | .96  | .53    | .27       | 1.36    | .08      | .00      | 15.16 |
| 1950 | .23     | .23      | .28   | .97   | 1.30 | 1.55 | 1.02 | .60    | 1.01      | .31     | .26      | .03      | 7.79  |
| 1951 | .56     | .39      | .92   | .87   | 1.78 | .54  | .38  | 2.30   | .33       | 1.39    | .86      | .48      | 10.80 |
| 1952 | .00     | .00      | 1.08  | 2.75  | 1.55 | .00  | 1.08 | 2.08   | .41       | .00     | .71      | .38      | 10.04 |
| 1953 | .00     | .10      | .38   | 1.72  | 1.66 | .70  | 1.83 | 2.05   | .00       | 1.17    | .86      | .50      | 10.97 |
| 1954 | .15     | .00      | .52   | .18   | 1.08 | .28  | 1.58 | 1.21   | .61       | .27     | .31      | .41      | 6.60  |
| 1955 | .00     | .72      | .32   | .24   | 4.17 | .76  | 1.83 | 2.82   | 1.02      | .03     | .52      | .25      | 12.68 |
| 1956 | .79     | .23      | .88   | 3.48  | 1.13 | .97  | 2.83 | 2.04   | .00       | .31     | 1.20     | .74      | 14.60 |
| 1957 | .51     | .36      | .39   | 5.61  | 5.73 | 1.94 | 2.92 | 2.24   | .27       | 1.21    | 2.31     | .00      | 23.49 |
| 1958 | .73     | .03      | 1.37  | .90   | 3.02 | 1.66 | .64  | 2.20   | .63       | 1.08    | .30      | .12      | 12.68 |
| 1959 | .91     | .61      | 1.47  | 1.71  | 1.75 | 1.04 | .72  | 1.50   | 3.16      | 3.10    | .05      | .10      | 16.12 |
| 1960 | 1.10    | .80      | 1.44  | .56   | .92  | 1.11 | 2.06 | .17    | 2.00      | 2.30    | .06      | .35      | 12.87 |
| 1961 | .02     | 1.31     | 1.27  | .46   | 1.14 | 1.89 | 3.27 | 3.29   | 1.87      | 1.22    | .27      | .47      | 16.48 |
| 1962 | .20     | .25      | .28   | 1.17  | .00  | .37  | .43  | .40    | .34       | .54     | .94      | .19      | 5.11  |
| 1963 | .47     | .33      | .68   | .00   | .11  | 1.66 | .20  | 1.92   | .44       | .61     | .03      | .34      | 6.79  |
| 1964 | .06     | .79      | 1.35  | .48   | 2.10 | 1.44 | 1.73 | .19    | .25       | .00     | 1.39     | .23      | 10.01 |
| 1965 | .04     | .64      | .97   | 2.43  | .24  | 2.11 | 4.31 | 4.76   | 1.47      | .48     | .00      | .12      | 17.57 |
| 1966 | .04     | .21      | .00   | .64   | .73  | .72  | 2.28 | 2.72   | .12       | .10     | .18      | .42      | 8.16  |
| 1967 | .18     | 1.41     | .25   | .36   | 2.57 | 2.16 | 3.34 | 2.22   | 1.06      | 1.21    | .21      | 1.27     | 16.24 |
| 1968 | .09     | .71      | 1.17  | .80   | .07  | .00  | 2.46 | 2.26   | .95       | .18     | 1.21     | .43      | 10.33 |
| 1969 | .06     | .19      | .55   | .67   | 2.43 | 1.72 | 1.97 | 1.84   | .76       | 3.89    | .30      | 1.65     | 16.03 |
| 1970 | .30     | .06      | 2.01  | 1.12  | .45  | 1.74 | 2.32 | 2.16   | 1.53      | 1.99    | .34      | .00      | 14.02 |
| 1971 | .35     | .60      | .50   | 1.69  | 1.16 | .75  | 1.13 | 1.35   | 2.02      | .59     | .39      | .81      | 11.34 |
| 1972 | .96     | .09      | 1.60  | .34   | 1.70 | .68  | 1.57 | 1.98   | .94       | 1.73    | .70      | 1.28     | 13.57 |
| 1973 | .17     | .06      | 1.21  | 1.56  | 2.19 | .40  | 2.96 | 1.27   | .38       | .70     | .86      | .32      | 12.08 |
| 1974 | .81     | .10      | .54   | .57   | .57  | .91  | 1.78 | .31    | 2.29      | 1.05    | .54      | 1.07     | 10.54 |
| 1975 | .35     | .45      | .51   | .60   | .86  | 1.21 | 2.41 | .52    | .37       | .35     | 1.11     | .12      | 8.86  |
| 1976 | .08     | .20      | .56   | .75   | 1.28 | 1.22 | .79  | --     | --        | --      | --       | --       | --    |
| 1977 | .19     | .57      | .44   | 3.82  | .12  | 1.02 | 3.42 | 1.51   | 1.50      | .00     | .64      | .00      | 13.23 |
| 1978 | .40     | .13      | .05   | 1.97  | 2.22 | 4.65 | .76  | .49    | 1.06      | 1.36    | .99      | 1.38     | 15.46 |
| 1979 | .49     | .00      | 1.19  | .10   | 2.16 | 1.40 | .94  | 2.28   | 1.64      | .44     | 1.32     | .84      | 12.80 |
| 1980 | .33     | .37      | 1.48  | 2.74  | 6.57 | .00  | .19  | .99    | 1.65      | .06     | 1.20     | .00      | 15.58 |

Table 15.--Precipitation, in inches, for station 1778, Colorado Springs WSO AP

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | 0.54    | 0.52     | 0.10  | 0.37  | 2.70 | 1.96 | 1.96 | 2.21   | 0.57      | 1.59    | 0.28     | 0.21     | 13.01 |
| 1921 | .95     | .00      | .53   | 5.97  | 2.23 | 4.55 | 5.35 | 3.15   | .95       | .04     | .43      | .40      | 24.55 |
| 1922 | .08     | .35      | .00   | 1.80  | 1.51 | .73  | 2.04 | 2.43   | .13       | .14     | .60      | .01      | 9.82  |
| 1923 | .00     | .27      | .28   | .53   | 1.25 | 2.49 | 3.47 | 5.33   | 2.19      | 3.45    | .04      | .29      | 19.59 |
| 1924 | .08     | .02      | 1.09  | 1.04  | 2.55 | 1.33 | .30  | 1.66   | .11       | .43     | .00      | .50      | 9.11  |
| 1926 | .78     | .23      | .98   | 1.49  | 1.20 | .73  | 3.02 | 2.19   | 1.93      | .73     | .21      | .67      | 14.16 |
| 1927 | .11     | .42      | 1.41  | .68   | .09  | 3.30 | 4.12 | 3.93   | 1.30      | .20     | .27      | .07      | 15.90 |
| 1928 | .00     | .09      | 2.22  | .36   | 4.46 | 1.61 | 3.20 | .48    | .31       | .19     | 1.46     | .13      | 14.51 |
| 1929 | .07     | .02      | 1.23  | .22   | 1.70 | .50  | 1.41 | 7.09   | 1.59      | .50     | .82      | .19      | 15.34 |
| 1930 | .23     | .40      | .51   | .42   | 2.50 | .48  | 6.59 | 3.25   | .61       | .41     | .21      | .03      | 15.64 |
| 1931 | .00     | .84      | .19   | .57   | 2.10 | 1.29 | 2.07 | 2.11   | .59       | .24     | .55      | .00      | 10.55 |
| 1932 | .27     | .04      | .09   | 1.01  | 1.10 | 1.39 | 4.55 | 3.74   | .98       | .42     | .31      | .47      | 14.37 |
| 1933 | .00     | .05      | .15   | 2.39  | 1.82 | .22  | 2.23 | 2.93   | 1.03      | .01     | .18      | 2.10     | 13.11 |
| 1934 | .06     | 1.89     | .42   | .47   | .83  | .72  | 1.08 | .94    | .22       | .00     | .71      | .13      | 7.47  |
| 1935 | .44     | .17      | .00   | .16   | 8.10 | 1.79 | 1.29 | 2.33   | 2.62      | .48     | .12      | .13      | 17.63 |
| 1936 | .13     | .20      | .73   | .62   | 2.23 | 1.43 | 2.30 | 2.68   | 1.35      | .50     | .22      | .06      | 12.45 |
| 1937 | .08     | .37      | .70   | .45   | 1.11 | 2.32 | 1.41 | 1.55   | 1.44      | .19     | .24      | .24      | 10.10 |
| 1938 | .21     | .29      | 1.12  | 1.28  | 3.13 | 1.27 | 1.57 | 1.92   | 3.98      | .11     | .18      | .19      | 15.25 |
| 1939 | .15     | .49      | .98   | .68   | .37  | .98  | .55  | .94    | .33       | .01     | .50      | .09      | 6.07  |
| 1940 | .47     | .83      | .33   | 1.11  | 3.80 | .76  | 2.25 | .19    | 2.67      | .01     | .39      | .23      | 13.04 |
| 1941 | --      | --       | --    | --    | --   | --   | 2.66 | 3.71   | 2.00      | 2.64    | .24      | .06      | --    |
| 1942 | .24     | .22      | .29   | 3.68  | .34  | 4.75 | .71  | 2.45   | .88       | 1.36    | .00      | .24      | 15.16 |
| 1943 | .32     | .31      | .83   | 1.37  | 3.21 | 2.40 | 2.02 | 2.64   | .08       | .13     | .35      | .12      | 13.78 |
| 1944 | .12     | .13      | .97   | 3.55  | 1.59 | .63  | 3.73 | 3.73   | .12       | .38     | .20      | .15      | 15.30 |
| 1945 | .39     | .88      | .38   | 1.99  | 1.74 | 1.52 | 5.85 | 4.07   | .02       | 1.88    | .03      | .43      | 19.18 |
| 1946 | .17     | .02      | .00   | 1.29  | 2.69 | .35  | 2.35 | 3.66   | .36       | 1.25    | 1.60     | 1.10     | 14.84 |
| 1947 | .54     | 1.20     | .40   | 99.99 | 4.28 | 3.45 | 6.24 | --     | --        | --      | --       | --       | --    |
| 1948 | --      | --       | --    | --    | --   | --   | 1.44 | 4.62   | .40       | .12     | .02      | .29      | --    |
| 1949 | .32     | .13      | .67   | .68   | 1.14 | 4.22 | 3.59 | .54    | .26       | .98     | .00      | .08      | 12.61 |
| 1950 | .32     | .03      | .33   | .42   | 1.00 | 1.59 | 4.50 | .84    | 2.82      | .12     | .14      | .06      | 12.17 |
| 1951 | .59     | .22      | .36   | .31   | 1.54 | 1.38 | 4.42 | 4.31   | .85       | 1.52    | .53      | .11      | 16.14 |
| 1952 | .04     | .10      | 1.13  | 1.36  | 2.21 | .37  | 1.19 | 3.79   | .37       | .04     | .23      | .13      | 10.96 |
| 1953 | .00     | .13      | .21   | 1.58  | 1.33 | 1.30 | 2.19 | 1.88   | .00       | .74     | .57      | .23      | 10.16 |
| 1954 | .22     | .06      | .59   | .62   | 2.57 | 3.69 | 3.13 | 1.98   | 1.91      | .22     | .23      | .21      | 15.43 |
| 1955 | .29     | .57      | .32   | .33   | 4.88 | .43  | 2.34 | 2.46   | 1.35      | .01     | .30      | .08      | 13.36 |
| 1956 | 1.12    | .19      | .84   | 1.10  | .88  | .41  | 3.03 | 1.42   | .59       | .14     | .91      | .30      | 10.93 |
| 1957 | .45     | .48      | .56   | 5.90  | 5.67 | 1.08 | 3.65 | 1.78   | 1.25      | 2.02    | 2.21     | .02      | 25.07 |
| 1958 | .09     | .28      | 1.29  | .99   | 4.79 | 3.01 | 4.42 | 1.20   | 1.38      | .58     | .22      | .20      | 18.45 |
| 1959 | .43     | .47      | 1.19  | 2.03  | 3.48 | 1.61 | .94  | 2.63   | 3.58      | .97     | .05      | .03      | 17.41 |
| 1960 | .11     | .73      | .95   | .59   | 1.61 | .93  | 2.22 | .78    | .61       | 1.97    | .23      | .54      | 11.27 |
| 1961 | .14     | .65      | 1.21  | .56   | .84  | 3.86 | 2.14 | 2.26   | 1.91      | .98     | .44      | .43      | 15.42 |
| 1962 | .42     | .34      | .88   | .44   | .63  | 3.36 | 1.60 | .15    | .41       | .97     | .89      | .03      | 10.12 |
| 1963 | .53     | .20      | .62   | .02   | .77  | 1.22 | 1.35 | 5.22   | 1.84      | .39     | .46      | .62      | 13.24 |
| 1964 | .00     | .22      | 1.08  | .01   | 2.54 | .96  | 1.14 | .60    | 1.33      | .03     | .46      | .22      | 8.59  |
| 1965 | .14     | .72      | 1.12  | 1.61  | 1.81 | 8.00 | 5.02 | 3.83   | 2.24      | .49     | .00      | .45      | 25.43 |
| 1966 | .39     | .49      | .01   | .79   | .95  | 2.56 | 2.91 | 2.00   | 2.12      | .36     | .16      | .17      | 12.91 |
| 1967 | .31     | .15      | .18   | 2.04  | 2.18 | 2.74 | 5.26 | 3.04   | .73       | 1.68    | .25      | .67      | 19.23 |
| 1968 | .10     | .22      | .37   | .54   | .62  | .15  | 5.27 | 2.12   | 1.03      | .43     | 1.32     | .24      | 12.41 |
| 1969 | .11     | .12      | .77   | 1.83  | 4.46 | 2.72 | 3.90 | 2.38   | 1.13      | 2.86    | .39      | .32      | 20.99 |
| 1970 | .05     | .17      | 1.06  | .91   | .33  | 3.63 | 3.79 | 4.24   | 1.09      | .95     | .27      | .00      | 16.49 |
| 1971 | .34     | .53      | .34   | 1.36  | 2.24 | .39  | 2.82 | 1.99   | 1.36      | .23     | .03      | .22      | 11.85 |
| 1972 | .27     | .25      | .55   | .42   | 1.46 | 2.07 | 4.08 | 3.55   | 4.13      | 1.34    | 1.08     | .83      | 20.03 |
| 1973 | .06     | .06      | 1.16  | 1.72  | 4.29 | .47  | 3.31 | .89    | 1.03      | .35     | .15      | .64      | 14.13 |
| 1974 | .26     | .18      | .52   | 1.92  | .33  | 1.29 | 1.42 | 1.14   | .43       | 1.36    | .23      | .42      | 9.50  |
| 1975 | .13     | .29      | .24   | .68   | 1.00 | 2.97 | 2.65 | 2.06   | .16       | .52     | 1.00     | .07      | 11.77 |
| 1976 | .32     | .23      | .63   | 1.63  | 2.09 | 2.46 | 1.75 | 5.94   | 4.28      | .49     | .40      | .12      | 20.34 |
| 1977 | .29     | .20      | 1.18  | 2.57  | 1.12 | 3.87 | 3.02 | 5.11   | .45       | .19     | .60      | .18      | 18.78 |
| 1978 | .25     | .38      | .40   | 1.15  | 3.58 | .54  | 2.14 | 2.51   | .05       | .90     | .37      | 1.01     | 13.28 |
| 1979 | .53     | .04      | 2.38  | 1.83  | 3.13 | 1.58 | 2.73 | 2.50   | .92       | .55     | 1.82     | 1.02     | 19.03 |
| 1980 | .25     | .54      | 1.30  | 3.64  | 4.99 | 1.60 | 1.69 | 4.59   | .65       | .01     | .35      | .05      | 19.66 |



Table 16.--Precipitation, in inches, for station 2446, Eads

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1921 | 1.03    | 0.00     | 0.16  | 0.13  | 2.29 | 0.99 | 4.84 | 3.21   | 1.22      | 0.67    | 0.00     | 1.00     | 15.54 |
| 1926 | .11     | .02      | 1.20  | .61   | 2.52 | 3.44 | 2.07 | .57    | .92       | .26     | .18      | .48      | 12.38 |
| 1928 | .00     | .70      | 1.87  | 1.55  | 6.56 | 3.66 | 3.42 | .43    | .73       | 2.44    | 1.04     | .00      | 22.40 |
| 1931 | .00     | 1.05     | .27   | .87   | 1.46 | 2.88 | 1.04 | .91    | .00       | .00     | .45      | .00      | 8.93  |
| 1932 | .42     | .00      | .23   | 1.22  | .18  | 2.94 | 1.98 | 1.81   | .69       | .12     | .00      | .11      | 9.70  |
| 1933 | .00     | .00      | .00   | 2.14  | 2.24 | 1.11 | 3.46 | 3.01   | .75       | .00     | .36      | .37      | 13.44 |
| 1934 | .00     | 1.15     | .33   | .18   | .20  | .66  | 2.62 | .66    | 1.08      | .05     | .18      | .00      | 7.11  |
| 1935 | .00     | .09      | .62   | .00   | 1.76 | 2.79 | .87  | .44    | 1.03      | .03     | .41      | .09      | 8.13  |
| 1936 | .18     | .04      | .30   | .34   | 3.33 | 2.05 | 2.07 | .22    | 1.31      | 1.56    | .05      | .10      | 11.55 |
| 1937 | .02     | .17      | .62   | .32   | 2.36 | 2.07 | .85  | .46    | 1.65      | .65     | .20      | .47      | 9.84  |
| 1938 | .50     | .34      | --    | --    | --   | --   | --   | --     | --        | .18     | .89      | .21      | --    |
| 1939 | 1.17    | 1.29     | .96   | .23   | 2.34 | 1.13 | 1.16 | 1.52   | .38       | .09     | .22      | .65      | 11.14 |
| 1940 | .28     | .31      | 2.16  | .92   | 2.89 | 1.32 | 1.78 | 1.09   | 1.74      | .07     | .13      | .20      | 12.89 |
| 1941 | .32     | .10      | 1.43  | 2.80  | 3.85 | 1.22 | 3.43 | 2.03   | 4.88      | 2.67    | .15      | .41      | 23.29 |
| 1942 | .12     | 1.07     | .45   | 4.43  | .00  | 4.49 | 1.80 | 2.56   | 1.58      | 3.93    | .00      | 1.11     | 21.54 |
| 1943 | .10     | .06      | .15   | .68   | 2.30 | 1.83 | 3.78 | 3.61   | .00       | .32     | .30      | .68      | 13.81 |
| 1944 | .75     | .28      | 1.17  | 5.34  | 3.45 | .87  | 2.34 | 1.23   | .29       | 2.19    | 1.00     | .10      | 19.01 |
| 1945 | 1.29    | .16      | .00   | 1.34  | 1.54 | 3.19 | 1.45 | 6.04   | 1.57      | .21     | .00      | .01      | 16.80 |
| 1946 | .07     | .34      | 2.16  | .26   | 2.83 | 1.29 | .54  | 3.83   | .16       | 2.92    | 4.46     | .00      | 18.86 |
| 1947 | 1.34    | .86      | .81   | 1.86  | 4.38 | 1.40 | 1.17 | 2.76   | .16       | .18     | .12      | .67      | 15.71 |
| 1948 | .34     | .54      | 1.95  | .62   | 2.90 | 3.73 | 4.05 | 1.93   | 1.32      | .08     | .32      | .00      | 17.78 |
| 1949 | .71     | .00      | .85   | 1.12  | 3.26 | 3.72 | 2.83 | 2.02   | .31       | .73     | .00      | .00      | 15.55 |
| 1950 | .00     | .15      | .05   | .14   | .79  | .53  | 4.59 | 3.32   | 2.81      | .08     | .34      | .17      | 12.97 |
| 1951 | .64     | .29      | .18   | 1.10  | 2.09 | 6.41 | .74  | 1.11   | 1.11      | .44     | .91      | .17      | 15.19 |
| 1952 | .08     | .41      | 1.38  | 1.87  | .82  | .00  | .02  | 2.72   | .92       | .00     | .42      | .02      | 8.66  |
| 1953 | .25     | .01      | .86   | 2.48  | 2.05 | .73  | 1.24 | 3.15   | .00       | 1.69    | 1.68     | 1.22     | 15.36 |
| 1954 | .32     | .00      | .18   | .08   | 2.47 | .25  | 2.04 | 4.23   | .16       | 1.33    | .15      | .93      | 12.14 |
| 1955 | .05     | .46      | .00   | .64   | 2.13 | .49  | .38  | 1.60   | .50       | .00     | .00      | .00      | 6.25  |
| 1956 | .25     | .25      | .20   | .00   | 1.85 | .00  | 2.44 | .67    | .00       | .17     | .26      | .00      | 6.09  |
| 1957 | .00     | .00      | .48   | 3.44  | 2.52 | 2.60 | 1.92 | 1.30   | .73       | .27     | .50      | .00      | 13.76 |
| 1958 | .60     | .18      | 1.56  | .95   | 4.42 | 1.10 | 5.85 | .90    | .70       | .45     | .77      | .00      | 17.48 |
| 1959 | .98     | .35      | .00   | 1.57  | 2.80 | 3.20 | .55  | 3.20   | 1.67      | 2.60    | .19      | .00      | 17.11 |
| 1960 | .87     | 2.71     | .88   | 3.35  | 1.48 | 1.60 | 2.47 | .00    | .67       | 2.15    | .22      | 1.41     | 17.81 |
| 1961 | .00     | .62      | 1.15  | .40   | 4.14 | 2.95 | 2.55 | 3.20   | .85       | .35     | 1.85     | .20      | 18.26 |
| 1962 | .30     | .00      | .53   | .20   | 3.10 | 4.50 | 3.80 | .25    | .00       | .00     | 1.15     | .40      | 14.23 |
| 1963 | .01     | .00      | 2.35  | .00   | 1.15 | .97  | 1.40 | 2.62   | 2.00      | .00     | .30      | .15      | 10.95 |
| 1964 | .00     | .42      | .01   | .93   | 3.54 | .39  | 1.24 | .32    | .98       | .00     | .26      | .07      | 8.16  |
| 1965 | .24     | .34      | .66   | .14   | 3.07 | 4.50 | 1.87 | 3.74   | 1.85      | 1.98    | .02      | .88      | 19.29 |
| 1966 | .62     | .00      | .00   | 1.23  | .59  | .95  | 3.60 | 1.66   | 1.65      | .97     | .00      | .22      | 11.49 |
| 1967 | .24     | .00      | .25   | .22   | 4.88 | 1.83 | 2.79 | 1.90   | 1.31      | .28     | .33      | .41      | 14.44 |
| 1968 | .00     | .30      | .57   | 1.08  | 1.52 | 1.30 | 2.81 | 7.10   | .12       | .17     | .36      | .27      | 15.60 |
| 1969 | .00     | .10      | .89   | 1.08  | 2.80 | 4.42 | 3.44 | .88    | 5.71      | 3.22    | .06      | .12      | 22.72 |
| 1970 | .00     | .00      | .84   | 1.36  | 1.24 | 2.37 | 2.36 | .38    | 1.48      | 2.10    | .12      | .00      | 12.25 |
| 1971 | .20     | 1.01     | .25   | 1.28  | 2.90 | 1.17 | 2.73 | 1.08   | .96       | 1.15    | 1.80     | .11      | 14.64 |
| 1972 | .28     | .03      | .25   | .05   | 2.17 | 2.95 | 2.54 | 2.02   | .95       | .47     | 2.09     | .48      | 14.28 |
| 1973 | .39     | .03      | 2.35  | 1.04  | 2.07 | .73  | 3.71 | .14    | 3.21      | .75     | .39      | .90      | 15.71 |
| 1974 | .15     | .28      | 1.05  | .27   | 1.99 | 2.63 | 4.21 | 1.04   | .04       | 1.16    | .37      | .31      | 13.50 |
| 1975 | .19     | .34      | .39   | 1.04  | 1.80 | 1.08 | 1.20 | 1.07   | .59       | .00     | 2.02     | .01      | 9.73  |
| 1976 | .29     | .10      | .67   | 1.03  | 1.44 | 2.01 | 2.49 | .46    | 2.02      | 1.37    | .40      | .08      | 12.36 |
| 1977 | .23     | .04      | .85   | 2.50  | 3.76 | .48  | 5.56 | 1.45   | .13       | .03     | .87      | .04      | 15.94 |
| 1978 | .36     | .69      | .12   | .86   | 4.65 | 4.00 | 4.51 | 2.03   | .58       | .33     | .61      | .44      | 19.18 |
| 1979 | .87     | .14      | 1.12  | .71   | 1.27 | 1.36 | 3.00 | 2.09   | .23       | 1.06    | .55      | 1.55     | 13.95 |
| 1980 | 1.02    | .18      | 2.46  | 4.21  | 3.71 | .26  | .78  | 1.08   | 1.73      | .00     | .55      | .02      | 16.00 |

Table 17.--Precipitation, in inches, for station 2997, Forder 8S

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1945 | 0.95    | 0.13     | 0.05  | 1.07  | 1.59 | 2.44 | 1.47 | 2.45   | 1.07      | 0.27    | 0.09     | 0.23     | 11.81 |
| 1946 | .15     | .19      | .99   | .53   | 1.26 | 1.88 | 1.92 | 4.58   | .42       | .98     | 4.21     | .00      | 17.11 |
| 1947 | .18     | .65      | .05   | 1.14  | 1.92 | 1.94 | 3.48 | 4.50   | .25       | .24     | .08      | .44      | 14.87 |
| 1948 | .58     | .30      | 1.25  | .36   | 3.24 | 1.48 | 1.73 | 1.54   | .33       | .25     | .02      | .07      | 11.15 |
| 1949 | .38     | .05      | 1.05  | .88   | 1.20 | 2.70 | 1.41 | 1.09   | .08       | 1.07    | .00      | .00      | 9.91  |
| 1950 | .00     | .02      | .13   | .75   | .84  | 1.46 | 3.26 | 1.35   | 3.48      | .04     | .30      | .00      | 11.63 |
| 1951 | .44     | .04      | .02   | 1.07  | 1.55 | 3.14 | 2.37 | 1.52   | 2.33      | .49     | .38      | .19      | 13.54 |
| 1952 | .07     | .07      | .94   | 2.17  | 1.06 | .05  | 1.37 | 1.85   | 1.37      | .00     | .64      | .18      | 9.77  |
| 1953 | --      | .09      | .24   | 1.30  | 2.40 | 1.22 | 1.06 | 2.14   | .10       | .78     | .48      | .30      | --    |
| 1954 | .38     | .00      | .29   | .02   | 3.67 | .05  | .89  | 3.15   | .02       | 1.05    | .08      | .19      | 9.79  |
| 1955 | .08     | .16      | .13   | .05   | 2.22 | .58  | 1.26 | 3.67   | .88       | .02     | .06      | .10      | 9.21  |
| 1956 | .53     | .21      | .76   | .34   | .69  | 1.12 | 1.15 | 1.01   | .02       | .02     | .34      | .08      | 6.27  |
| 1957 | .08     | .07      | .99   | 4.42  | 4.01 | 2.68 | 3.79 | 1.34   | .37       | .82     | 1.08     | .00      | 19.65 |
| 1958 | .09     | .29      | .74   | 1.28  | 3.48 | .83  | 3.83 | 1.43   | 1.41      | .52     | .22      | .03      | 14.15 |
| 1959 | .70     | .88      | .55   | 1.96  | 1.46 | 1.04 | 1.07 | 3.00   | 1.95      | .83     | .10      | .00      | 13.54 |
| 1960 | 1.19    | 1.23     | .48   | .59   | 1.84 | .88  | 1.76 | .59    | .55       | 1.97    | .22      | .90      | 12.20 |
| 1961 | .02     | .96      | 1.04  | .17   | 1.59 | 3.72 | 3.11 | 2.35   | .79       | .04     | .36      | .08      | 14.23 |
| 1962 | .27     | .24      | .48   | .94   | 1.72 | 1.84 | 5.85 | .42    | .62       | .10     | .75      | .08      | 13.31 |
| 1963 | .22     | .07      | 1.03  | .00   | .90  | 1.20 | .33  | 3.07   | .68       | .23     | .15      | .27      | 8.15  |
| 1964 | .00     | .02      | .81   | .39   | .80  | .22  | .91  | 1.15   | .36       | .10     | .24      | .00      | 5.00  |
| 1965 | .02     | .61      | .43   | .50   | .82  | 4.64 | 4.06 | 4.78   | .78       | .80     | .00      | .17      | 17.61 |
| 1966 | .32     | .15      | .00   | .28   | .25  | .74  | 2.11 | 3.49   | 1.33      | .29     | .00      | .09      | 9.05  |
| 1967 | .07     | .00      | .10   | 1.07  | 1.52 | 1.82 | 3.66 | 1.31   | 1.48      | .27     | .13      | .47      | 11.90 |
| 1968 | .02     | .24      | .12   | .37   | .87  | 1.32 | 3.71 | 2.02   | .29       | .32     | .18      | .24      | 9.70  |
| 1969 | .07     | .02      | .69   | .53   | 2.46 | 1.54 | 5.26 | 1.90   | .75       | 2.07    | .19      | .27      | 15.75 |
| 1970 | .11     | .00      | .45   | 1.03  | .67  | 1.07 | 2.26 | 1.98   | .80       | 1.25    | .06      | .00      | 9.68  |
| 1971 | .14     | .19      | .60   | 1.37  | 1.03 | 1.13 | 3.22 | 1.18   | 1.30      | .39     | .32      | .05      | 10.92 |
| 1972 | .16     | .06      | .67   | .29   | 1.50 | 1.35 | 2.04 | 1.90   | 1.66      | .52     | 1.64     | .37      | 12.16 |
| 1973 | .10     | .02      | 1.29  | 1.13  | 3.54 | .63  | 4.31 | .16    | .78       | .55     | .00      | .46      | 12.97 |
| 1974 | .30     | .05      | 1.21  | 1.28  | 1.46 | 1.16 | 1.81 | .42    | .44       | .81     | .65      | .41      | 10.00 |
| 1975 | --      | .12      | .00   | .59   | --   | --   | --   | --     | --        | --      | --       | --       | --    |
| 1976 | --      | .00      | .25   | 1.25  | .80  | --   | --   | --     | --        | --      | --       | .00      | --    |
| 1977 | .20     | .00      | .60   | 2.00  | 2.17 | 2.20 | 5.65 | 3.92   | .17       | .00     | .00      | .00      | 16.91 |
| 1979 | --      | --       | 1.95  | --    | --   | 2.07 | --   | 4.31   | --        | --      | --       | --       | --    |

Table 18.--Precipitation, in inches, for station 3063, Fountain (2NW) (1N)

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1943 | --      | --       | --    | --    | --   | --   | --   | --     | 0.30      | --      | --       | --       | --    |
| 1944 | --      | --       | --    | --    | --   | 0.64 | 1.80 | 1.95   | 0.85      | 0.36    | 0.07     | 0.05     | --    |
| 1945 | 0.63    | 0.18     | 0.64  | 1.96  | 1.81 | 1.31 | 4.08 | 4.30   | 0.28      | 0.51    | 0.19     | 0.20     | 16.09 |
| 1946 | .43     | .00      | .28   | 1.38  | 1.26 | .35  | 3.22 | 3.29   | .00       | 1.20    | 1.95     | .15      | 13.51 |
| 1947 | .67     | 1.03     | .76   | 1.40  | 4.68 | 3.21 | 4.82 | 3.18   | .33       | 1.60    | .74      | .71      | 23.13 |
| 1948 | 1.20    | 1.12     | 1.66  | 2.03  | 2.20 | 4.23 | .90  | 2.69   | .17       | .03     | .03      | .26      | 16.52 |
| 1949 | .36     | .54      | 1.27  | 1.24  | 1.26 | 3.04 | 1.75 | 1.78   | .52       | 1.35    | .00      | .02      | 13.13 |
| 1950 | .38     | .00      | .34   | .77   | .65  | 1.23 | 3.13 | .67    | 2.56      | .12     | .10      | .07      | 10.02 |
| 1951 | .70     | .30      | .64   | .60   | 2.17 | 1.38 | .97  | 2.77   | .93       | 1.70    | .67      | .07      | 12.90 |
| 1952 | .01     | .12      | .96   | 1.73  | 2.32 | 1.00 | 1.00 | 5.39   | .38       | .00     | .59      | .19      | 13.69 |
| 1953 | .00     | .02      | .33   | 1.69  | 1.27 | .78  | 1.82 | 1.01   | .00       | .89     | .51      | .17      | 8.49  |
| 1954 | .17     | .00      | .61   | .18   | 3.71 | 1.98 | 2.13 | 2.19   | .79       | .42     | .29      | .25      | 12.72 |
| 1955 | .18     | .37      | .32   | .06   | 5.50 | .38  | 1.25 | 3.79   | 1.36      | .00     | .19      | .05      | 13.45 |
| 1956 | .97     | .18      | .63   | 2.06  | 1.55 | 1.15 | 3.36 | 2.10   | .10       | .00     | .50      | .32      | 12.92 |
| 1957 | .80     | .74      | .71   | 6.25  | 4.74 | 2.09 | 2.61 | 2.42   | 1.13      | 1.86    | 1.76     | .02      | 25.13 |
| 1958 | .03     | .30      | 1.27  | 1.07  | 3.83 | 2.09 | 2.59 | 1.65   | .97       | .89     | .18      | .26      | 15.13 |
| 1959 | .46     | .56      | 1.06  | 1.77  | 2.38 | 1.06 | 2.16 | 2.13   | 2.75      | 2.92    | .02      | .00      | 17.27 |
| 1960 | .21     | .54      | .66   | .23   | 2.20 | .94  | 2.51 | 1.19   | .76       | 1.59    | .38      | .78      | 11.99 |
| 1961 | .13     | .62      | 1.57  | .91   | 1.09 | 3.33 | 3.22 | 2.17   | 1.63      | .55     | .42      | .42      | 16.06 |
| 1962 | .35     | .26      | 1.17  | .32   | .37  | 3.42 | 3.91 | .30    | .44       | .80     | 1.00     | .02      | 12.36 |
| 1963 | .28     | .16      | .49   | .00   | .96  | 1.33 | 2.64 | 2.13   | 2.49      | .21     | .54      | .85      | 12.08 |
| 1964 | .00     | .12      | 1.69  | .00   | 2.03 | .74  | 1.71 | .60    | 1.03      | .00     | .37      | .14      | 8.43  |
| 1965 | .00     | .65      | 1.39  | 3.18  | 1.45 | 7.90 | 4.46 | 5.32   | 1.42      | .44     | .00      | .40      | 26.61 |
| 1966 | .40     | .15      | .00   | 1.18  | .97  | 1.14 | 2.68 | 2.86   | 1.46      | .28     | .18      | .03      | 11.33 |
| 1967 | .20     | .17      | .03   | 1.45  | 1.01 | 3.05 | 4.37 | 3.06   | .91       | .91     | .38      | .45      | 15.99 |
| 1968 | .05     | .41      | .67   | .80   | 1.42 | .11  | 3.26 | 1.81   | .72       | .29     | 1.17     | .32      | 11.03 |
| 1969 | .07     | .18      | .72   | 1.00  | 3.58 | 2.17 | 3.72 | 2.05   | .85       | 3.44    | .34      | .42      | 18.54 |
| 1970 | .34     | .28      | 1.64  | 1.11  | .51  | 2.67 | 3.55 | 1.82   | .96       | 1.14    | .39      | .00      | 14.41 |
| 1971 | .33     | 1.30     | .24   | 1.29  | 1.46 | .22  | 3.25 | .92    | 1.59      | .23     | .00      | .16      | 10.99 |
| 1972 | .22     | .21      | .58   | .02   | .70  | 2.37 | 1.61 | 3.44   | 2.80      | .84     | .92      | .59      | 14.30 |
| 1973 | .03     | .07      | 1.06  | 1.54  | 4.02 | .41  | 3.99 | .28    | 1.58      | .34     | .01      | .22      | 13.55 |
| 1974 | .28     | .02      | .54   | 1.49  | .77  | 1.49 | 1.69 | 1.67   | .42       | 1.04    | .18      | .23      | 9.82  |
| 1975 | .05     | .26      | .20   | .72   | 1.05 | 2.66 | 4.66 | .78    | .16       | .31     | .74      | .00      | 11.59 |
| 1976 | .29     | .11      | --    | --    | --   | 1.20 | .24  | 2.89   | 3.21      | .25     | .29      | .17      | --    |
| 1977 | .33     | .15      | .17   | 2.17  | .89  | .41  | 2.41 | 4.53   | .24       | .09     | .05      | .00      | 11.44 |
| 1978 | .06     | .13      | .00   | .96   | 3.44 | .00  | .00  | --     | --        | --      | --       | --       | --    |
| 1979 | --      | --       | --    | --    | 3.51 | 1.82 | 4.14 | 6.23   | .95       | .46     | .44      | 1.47     | --    |
| 1980 | .16     | .31      | 1.38  | 5.22  | 5.28 | .66  | .96  | 3.73   | .79       | .00     | .48      | .09      | 19.06 |

Table 19.--Precipitation, in inches, for station 3079, Fowler 1SE

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1943 | --      | --       | --    | --    | --   | --   | --   | --     | 0.03      | 0.24    | 0.31     | 1.23     | --    |
| 1944 | 1.13    | 0.25     | 1.12  | 4.66  | 2.40 | 0.19 | 2.60 | 1.96   | 0.33      | 0.36    | 0.27     | 0.14     | 15.41 |
| 1945 | .96     | .46      | .01   | 1.68  | .96  | 2.80 | 2.42 | 4.75   | .58       | .31     | .15      | .23      | 15.31 |
| 1946 | .37     | .26      | 2.21  | .81   | 1.21 | .44  | 1.57 | 4.35   | .23       | 1.11    | 4.56     | .02      | 17.14 |
| 1947 | .25     | .60      | .79   | .99   | 5.45 | 2.82 | 1.42 | 1.21   | .25       | .70     | .00      | .75      | 15.23 |
| 1948 | 1.23    | .73      | 1.73  | .45   | 1.19 | 1.75 | 2.53 | 1.99   | .09       | .00     | .15      | .00      | 11.84 |
| 1949 | .31     | .28      | .62   | 1.01  | 1.31 | 3.08 | 2.27 | .26    | .29       | .71     | .00      | .00      | 10.14 |
| 1950 | .00     | .17      | .17   | .81   | 1.41 | .49  | 1.37 | .56    | 2.84      | .10     | .10      | .05      | 8.07  |
| 1951 | .52     | .40      | .34   | .55   | 2.06 | 2.89 | .55  | 1.26   | .22       | .67     | .42      | .21      | 10.09 |
| 1952 | .21     | .03      | .57   | 2.56  | 1.46 | .00  | .54  | .91    | 1.32      | .00     | .48      | .58      | 8.66  |
| 1953 | .09     | .16      | 1.96  | .96   | 1.82 | .33  | .53  | 2.24   | .12       | .63     | .62      | .52      | 9.98  |
| 1955 | .08     | .14      | .10   | .40   | 2.58 | .70  | .27  | 5.41   | .77       | .03     | .22      | .12      | 10.82 |
| 1956 | .82     | .14      | .50   | 1.06  | 1.11 | .45  | .77  | .87    | .00       | .19     | .34      | .16      | 6.41  |
| 1957 | .07     | .10      | .57   | 4.17  | 2.17 | 2.55 | 1.35 | 3.12   | .46       | 1.32    | 1.21     | .00      | 17.09 |
| 1958 | .36     | .15      | .66   | 1.13  | 3.10 | .57  | 1.97 | 1.37   | 1.15      | 1.49    | .29      | .09      | 12.33 |
| 1959 | .93     | .14      | .52   | 1.40  | 2.05 | .80  | .47  | 1.12   | 2.00      | 1.26    | .00      | .00      | 10.69 |
| 1960 | 1.13    | 1.54     | .27   | .91   | .17  | 1.98 | 2.87 | .22    | .88       | 2.34    | .35      | 1.23     | 13.89 |
| 1961 | .09     | .66      | .86   | .53   | .66  | 1.98 | 2.66 | 2.36   | .74       | .09     | .55      | .29      | 11.47 |
| 1962 | .34     | .23      | .95   | .84   | 2.06 | 1.91 | 2.77 | .08    | .23       | .22     | .57      | .27      | 10.47 |
| 1963 | .30     | .20      | .50   | .00   | .42  | 2.44 | 1.17 | 2.23   | .88       | .00     | .83      | .39      | 9.36  |
| 1964 | .18     | .35      | .56   | .13   | .95  | .00  | 1.27 | 2.40   | .28       | .17     | .29      | .00      | 6.58  |
| 1965 | .16     | .68      | .55   | .61   | .98  | 3.63 | 3.53 | 1.69   | 1.22      | .68     | .08      | .17      | 13.98 |
| 1966 | .29     | .32      | .05   | .02   | .16  | .75  | 1.13 | .84    | 1.13      | .75     | .00      | .14      | 5.58  |
| 1967 | .06     | .02      | .08   | .60   | 1.26 | 1.79 | 5.59 | 2.72   | 1.08      | .26     | .17      | .73      | 14.36 |
| 1968 | .04     | .30      | .43   | .34   | .57  | .67  | 2.07 | .66    | .52       | .37     | .31      | .29      | 6.57  |
| 1969 | .00     | .00      | .58   | 2.05  | 1.20 | 1.26 | 1.32 | .87    | 2.11      | 1.88    | .11      | .37      | 11.75 |
| 1970 | .14     | .00      | .52   | 1.21  | .22  | 1.12 | 2.11 | 1.00   | 1.35      | .95     | .44      | .00      | 9.06  |
| 1971 | .11     | .11      | .17   | .51   | .87  | .82  | 2.24 | .87    | 1.27      | .43     | .53      | .09      | 8.02  |
| 1972 | .19     | .04      | .63   | 1.16  | 1.39 | 2.69 | 1.58 | .93    | 1.39      | .31     | 1.96     | .16      | 12.43 |
| 1973 | .13     | .01      | .92   | 1.00  | 2.11 | .53  | 2.35 | .25    | 1.62      | .30     | .04      | .38      | 9.64  |
| 1974 | .19     | .28      | .57   | .49   | .42  | .66  | 1.45 | .61    | .40       | 1.20    | .88      | .50      | 7.65  |
| 1975 | .11     | .15      | .22   | .56   | 1.70 | 1.50 | 1.48 | 1.51   | .24       | .00     | .69      | .01      | 8.17  |
| 1976 | .26     | .01      | .91   | .95   | .31  | .43  | 1.36 | 2.36   | 2.59      | .64     | .16      | .02      | 10.00 |
| 1977 | .01     | .20      | .04   | .59   | 1.47 | .87  | 2.77 | 2.51   | .23       | .11     | .00      | .03      | 8.83  |
| 1978 | .26     | .17      | .10   | .14   | 2.09 | 1.51 | 2.02 | 3.25   | .11       | .38     | .46      | .36      | 10.85 |
| 1979 | .49     | .05      | .91   | .43   | 2.73 | 2.31 | .90  | 1.87   | .39       | .56     | .50      | 1.41     | 12.55 |
| 1980 | .35     | .29      | .44   | 3.51  | 2.33 | .41  | 1.37 | .94    | .85       | .00     | .35      | .08      | 10.92 |

Table 20.--Precipitation, in inches, for station 3828, Haswell

[--, missing data]

| Year | January | February | March | April | May  | June  | July  | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|-------|-------|--------|-----------|---------|----------|----------|-------|
| 1926 | 0.13    | 0.00     | 1.13  | 0.54  | 2.33 | 2.13  | 1.35  | 1.95   | 0.35      | 0.34    | 0.13     | 0.20     | 10.58 |
| 1927 | .00     | .02      | .76   | .33   | .04  | .71   | 2.57  | 2.89   | .86       | .00     | .20      | .29      | 8.67  |
| 1930 | .80     | .18      | .33   | 1.34  | 6.45 | .79   | 3.27  | 1.50   | .44       | 1.23    | 2.39     | .37      | 19.09 |
| 1932 | .46     | .02      | .79   | 2.31  | .25  | 2.19  | 2.10  | 1.16   | .30       | .19     | .02      | .45      | 10.24 |
| 1933 | .00     | .00      | .05   | 2.41  | 1.87 | 2.18  | 2.28  | 2.28   | 3.01      | .00     | .08      | .65      | 14.81 |
| 1934 | .00     | .72      | .05   | .73   | .16  | 1.98  | 1.78  | 1.10   | .91       | .01     | .13      | .00      | 7.57  |
| 1935 | .00     | .11      | .49   | .14   | 3.71 | 2.50  | .59   | .00    | 1.42      | .13     | .26      | .21      | 9.56  |
| 1936 | .29     | .00      | .12   | .29   | 1.83 | 1.37  | 2.44  | 1.05   | 1.76      | .37     | .00      | .00      | 9.52  |
| 1937 | .00     | .00      | .23   | .20   | .31  | 3.19  | .32   | 1.43   | .12       | .35     | .27      | .05      | 6.47  |
| 1938 | .05     | .17      | .39   | .48   | 2.89 | 1.47  | 2.90  | .50    | 2.23      | .13     | 1.05     | .07      | 12.33 |
| 1939 | .82     | .83      | .26   | .54   | .76  | 1.36  | 2.17  | 1.70   | .35       | .05     | .39      | .37      | 9.60  |
| 1940 | .14     | .13      | .94   | 1.77  | 4.28 | .76   | 3.33  | 1.23   | .85       | .41     | .24      | .24      | 14.32 |
| 1941 | .16     | .09      | 1.45  | 1.90  | 3.47 | 1.08  | 4.10  | 1.39   | 5.43      | 2.13    | .10      | .20      | 21.50 |
| 1942 | .11     | .70      | .25   | 4.13  | .14  | 4.08  | .90   | 4.20   | 2.04      | 3.89    | .04      | .83      | 21.31 |
| 1943 | .10     | .06      | .40   | .90   | 2.38 | .52   | 2.65  | 2.04   | .12       | .35     | .10      | .70      | 10.32 |
| 1944 | .52     | .21      | 1.00  | 3.43  | 6.00 | .82   | 1.54  | .57    | .11       | 3.51    | .85      | .18      | 18.74 |
| 1945 | .76     | .14      | .00   | .90   | 2.06 | 4.13  | 1.76  | 3.17   | .74       | .40     | .13      | .02      | 14.21 |
| 1946 | .36     | .38      | 1.39  | .53   | 2.33 | 2.06  | .81   | 3.32   | .44       | 1.39    | 3.82     | .00      | 16.83 |
| 1947 | .22     | .65      | .22   | 1.01  | 4.14 | 2.64  | 1.52  | 1.65   | .24       | .21     | .19      | .66      | 13.35 |
| 1948 | .42     | .85      | 1.54  | .38   | 2.48 | 4.40  | 2.49  | 2.14   | .77       | .00     | .08      | .08      | 15.63 |
| 1949 | .50     | .02      | 99.99 | .76   | 3.56 | 99.99 | 4.00  | 1.98   | .17       | 1.01    | .00      | .00      | 99.99 |
| 1950 | .00     | .15      | .25   | .36   | 1.38 | 1.85  | 4.49  | 1.61   | 1.90      | .10     | .06      | .00      | 12.15 |
| 1951 | 1.09    | .16      | .15   | .98   | 2.11 | 1.31  | .28   | .83    | 1.66      | .33     | .90      | .18      | 9.98  |
| 1952 | .00     | .36      | .83   | 1.74  | .37  | .13   | .23   | 4.90   | 2.03      | .00     | .68      | .15      | 11.42 |
| 1953 | .10     | .00      | .49   | 3.83  | 2.27 | .69   | 99.99 | 1.76   | .00       | 1.22    | 1.24     | .36      | 99.99 |
| 1954 | .33     | .00      | .16   | .10   | 2.33 | .10   | 1.59  | 1.37   | .21       | 1.07    | .04      | .44      | 7.74  |
| 1955 | .00     | .29      | .13   | .00   | 1.59 | .58   | .28   | 2.29   | .45       | .04     | .06      | .21      | 5.92  |
| 1956 | .28     | .20      | .35   | .46   | 1.09 | .18   | 1.08  | .79    | .00       | .07     | .29      | .40      | 5.19  |
| 1957 | .19     | .24      | .50   | 3.43  | 1.51 | 1.32  | 2.01  | .10    | 1.68      | .56     | 1.06     | .00      | 12.60 |
| 1958 | .66     | .30      | 1.22  | 1.05  | 3.34 | .91   | 2.46  | 1.88   | .39       | .55     | .33      | .03      | 13.12 |
| 1959 | .83     | .53      | .68   | 1.17  | 1.93 | 1.86  | .97   | 1.36   | 1.55      | 1.75    | .45      | .00      | 13.08 |
| 1960 | 1.75    | 2.84     | .40   | 1.45  | .91  | .82   | 1.75  | .37    | 1.03      | 1.46    | .22      | .42      | 13.42 |
| 1961 | .03     | .55      | .97   | .31   | 2.40 | 3.23  | 1.91  | 1.61   | .87       | .32     | .55      | .30      | 13.05 |
| 1962 | .26     | .20      | .42   | .57   | 4.17 | 2.59  | 5.13  | .40    | .75       | .19     | .60      | .19      | 15.47 |
| 1963 | .13     | .05      | .89   | .00   | 1.81 | .98   | .71   | 3.50   | 2.59      | .10     | .17      | .35      | 11.28 |
| 1964 | .04     | .86      | .75   | .90   | 2.01 | .32   | .61   | 1.75   | 1.23      | .00     | .34      | .11      | 8.92  |
| 1965 | .19     | .40      | .72   | .47   | 1.20 | .52   | 2.04  | 3.99   | 3.30      | 1.81    | .06      | .63      | 20.33 |
| 1966 | .26     | .27      | .03   | .50   | .21  | .53   | 4.07  | 4.10   | 2.09      | .63     | .03      | .20      | 12.92 |
| 1967 | .23     | .01      | .12   | .48   | 1.99 | 1.35  | 3.84  | 1.90   | 1.32      | .34     | .31      | .35      | 12.24 |
| 1968 | .04     | .25      | .34   | .56   | 2.03 | .76   | 4.79  | 1.71   | .20       | .19     | .21      | .14      | 11.22 |
| 1969 | .02     | .12      | .44   | 1.16  | 2.65 | 2.78  | 3.42  | 1.96   | 4.80      | 1.64    | .10      | .20      | 19.29 |
| 1970 | .00     | .00      | .66   | .93   | 1.04 | 1.02  | 3.15  | .57    | 1.35      | 1.47    | .19      | .02      | 10.40 |
| 1971 | .16     | .66      | .18   | 1.45  | 2.11 | .61   | 3.50  | .71    | 1.18      | .71     | 1.01     | .13      | 12.41 |
| 1972 | .20     | --       | --    | --    | --   | --    | --    | --     | --        | --      | --       | --       | --    |
| 1973 | --      | --       | --    | --    | --   | --    | --    | .36    | 2.22      | .75     | .30      | .73      | --    |
| 1974 | .08     | .43      | .90   | .74   | 1.78 | 2.27  | .98   | .18    | .06       | .85     | .29      | .35      | 8.91  |
| 1975 | .02     | .14      | .21   | 1.25  | 1.10 | .95   | 1.87  | 1.55   | .39       | .00     | 1.07     | .00      | 8.55  |
| 1976 | .13     | .22      | .27   | .98   | 2.15 | .34   | 3.82  | 1.48   | 1.38      | .90     | .20      | .00      | 11.87 |
| 1977 | .10     | .08      | 1.28  | 1.16  | 1.42 | 1.72  | 4.52  | 2.81   | .08       | .00     | .29      | .06      | 13.52 |
| 1978 | .25     | .54      | .09   | .21   | 3.30 | 1.76  | 1.53  | 2.71   | .16       | .30     | .49      | .16      | 11.50 |
| 1979 | .62     | .17      | 1.40  | .73   | 2.48 | 2.01  | 4.21  | 3.03   | .29       | .77     | .36      | .99      | 17.06 |
| 1980 | .69     | .25      | 1.55  | 3.71  | 3.33 | 1.30  | .32   | 2.53   | 2.01      | .50     | .14      | .00      | 16.33 |

Table 21.--Precipitation, in inches, for station 4076, Holly

[--, missing data]

| Year | January | February | March | April | May  | June  | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|-------|------|--------|-----------|---------|----------|----------|-------|
| 1923 | 0.00    | 1.00     | 0.30  | 1.15  | 2.47 | 4.36  | 1.77 | 2.99   | 1.61      | 4.63    | 0.30     | 0.78     | 21.36 |
| 1924 | .00     | .64      | 3.47  | 1.14  | .72  | 2.80  | 1.78 | 1.73   | 2.31      | .50     | .00      | .62      | 15.71 |
| 1926 | .00     | .00      | 1.06  | 1.34  | 2.79 | 2.45  | 1.62 | .67    | .79       | .04     | .35      | .70      | 11.81 |
| 1927 | .15     | .20      | .18   | 2.08  | .18  | 2.72  | 9.64 | 1.37   | 1.19      | .50     | .00      | .03      | 18.24 |
| 1928 | .00     | .45      | 1.72  | 1.54  | 4.54 | 3.35  | 3.29 | 1.54   | .04       | 2.70    | 1.10     | .00      | 20.27 |
| 1929 | .00     | .50      | .43   | 1.01  | 2.60 | 1.59  | 1.10 | 4.38   | 3.40      | .80     | .49      | .05      | 16.35 |
| 1930 | .27     | .45      | .00   | .87   | 3.04 | .64   | 3.58 | 3.01   | 1.16      | 4.46    | .93      | .20      | 18.61 |
| 1931 | .00     | 1.03     | .75   | .53   | 2.44 | .33   | .99  | 1.53   | .38       | 1.17    | .42      | .08      | 9.65  |
| 1932 | .38     | .12      | .97   | 3.01  | .68  | 4.63  | 1.12 | 2.75   | 1.66      | .20     | .00      | .27      | 15.79 |
| 1933 | .00     | .00      | .40   | 1.59  | 3.05 | .26   | 2.51 | 5.69   | .56       | .00     | .75      | .85      | 15.66 |
| 1934 | .00     | 1.14     | .52   | .31   | .88  | 1.63  | 1.10 | 1.00   | .49       | .59     | .19      | .16      | 8.01  |
| 1935 | .04     | .05      | .12   | .02   | 2.19 | 1.47  | 2.84 | 1.21   | 1.21      | .00     | .78      | .22      | 10.15 |
| 1936 | .42     | .00      | .08   | .26   | 3.13 | 2.03  | .58  | .38    | 1.07      | 1.21    | .00      | .10      | 9.26  |
| 1937 | .28     | .50      | .61   | .16   | .22  | 1.48  | .44  | 1.67   | .63       | .98     | .08      | .76      | 7.81  |
| 1938 | .00     | .22      | 1.66  | 1.83  | 3.76 | 2.24  | 2.47 | 2.14   | 1.76      | .45     | .44      | .05      | 17.02 |
| 1939 | 1.04    | 1.40     | 1.07  | .09   | 1.27 | 2.86  | .30  | .36    | .20       | .00     | .23      | 1.60     | 10.42 |
| 1940 | .63     | .27      | 1.46  | .49   | 3.85 | 1.92  | .08  | 2.84   | .93       | .78     | 1.04     | .40      | 14.69 |
| 1941 | 1.11    | .09      | .61   | 3.22  | 4.27 | 4.52  | 3.26 | 3.40   | 4.43      | 3.06    | .32      | .50      | 28.79 |
| 1942 | .49     | .85      | .23   | 4.14  | .00  | 5.82  | .80  | 3.52   | .42       | 6.05    | .00      | 1.23     | 23.55 |
| 1943 | .10     | .15      | .18   | 1.23  | 1.53 | 1.99  | 2.28 | 1.78   | .11       | .53     | .32      | .98      | 11.18 |
| 1944 | 1.45    | .18      | .82   | 5.65  | 5.79 | 2.23  | 4.16 | .00    | .41       | 1.03    | .73      | .50      | 22.95 |
| 1945 | 1.55    | .13      | .00   | 1.97  | --   | 2.20  | --   | 3.11   | 1.75      | --      | --       | --       | --    |
| 1948 | --      | --       | --    | --    | --   | --    | 2.08 | 1.75   | 1.41      | .13     | .50      | .20      | --    |
| 1949 | .73     | .25      | 1.31  | 4.58  | --   | --    | --   | --     | --        | --      | .00      | .00      | --    |
| 1950 | .35     | .00      | .06   | .10   | 1.65 | 1.65  | 2.96 | 1.96   | 1.49      | .00     | .00      | .00      | 10.22 |
| 1951 | .87     | .14      | .20   | .47   | 5.78 | 4.87  | .20  | 2.76   | .54       | .56     | --       | .05      | --    |
| 1952 | .50     | .40      | 1.58  | 1.47  | 1.07 | 1.20  | .46  | 2.92   | .95       | .00     | .57      | .18      | 11.30 |
| 1953 | .20     | .00      | .54   | .81   | 2.37 | .34   | .80  | 4.81   | .00       | .61     | 1.75     | 1.35     | 13.58 |
| 1954 | .50     | .00      | .20   | .03   | 1.96 | .36   | 1.24 | 2.62   | .00       | 1.48    | .01      | .22      | 8.62  |
| 1955 | .21     | .25      | .12   | .85   | 3.31 | .60   | .73  | 1.06   | 1.46      | .20     | .00      | .56      | 9.35  |
| 1956 | .61     | .19      | .15   | .35   | .70  | .46   | 2.80 | 1.01   | .00       | .00     | .73      | .05      | 7.05  |
| 1957 | .21     | .32      | 1.79  | 2.04  | 5.01 | 2.36  | 1.22 | 1.18   | 2.25      | .86     | .50      | .00      | 17.74 |
| 1958 | .84     | .16      | 1.73  | 1.30  | 3.21 | 3.15  | 4.11 | 1.44   | .82       | .45     | .84      | .00      | 18.05 |
| 1959 | .58     | .20      | .47   | .76   | 2.39 | 2.06  | 3.49 | 2.56   | 2.78      | 2.67    | .00      | .39      | 18.35 |
| 1960 | 1.21    | 1.75     | .52   | 1.59  | .65  | 1.93  | 1.70 | .66    | .60       | 1.39    | .24      | .61      | 12.85 |
| 1961 | .00     | .58      | .77   | .73   | 1.15 | 3.87  | 2.79 | 3.18   | 1.81      | 2.00    | 1.66     | .12      | 18.66 |
| 1962 | .42     | .06      | .29   | .70   | 4.61 | 2.14  | 2.11 | .15    | 2.84      | .48     | .69      | .00      | 14.49 |
| 1963 | .22     | .13      | .66   | .16   | 1.19 | 4.54  | 2.60 | 1.17   | 1.76      | .37     | .39      | .33      | 13.52 |
| 1964 | .00     | .52      | .03   | .41   | 6.77 | .62   | .70  | .02    | .95       | .25     | .74      | .20      | 11.21 |
| 1965 | .30     | .13      | .32   | .00   | 1.87 | 18.80 | .91  | 1.76   | 1.77      | 2.47    | .06      | .66      | 29.05 |
| 1966 | .38     | 1.04     | .00   | 1.22  | .28  | 2.57  | 3.67 | 2.23   | 2.54      | .14     | .00      | .24      | 14.31 |
| 1967 | .25     | .00      | .07   | .96   | 2.86 | 2.44  | 3.23 | 2.53   | 1.64      | .02     | .19      | .10      | 14.29 |
| 1968 | .03     | .15      | .18   | .69   | 2.72 | 2.57  | 2.56 | .61    | .52       | .31     | .36      | .12      | 10.82 |
| 1969 | .00     | .18      | .93   | 1.84  | 2.76 | 3.86  | 1.85 | 2.27   | 5.38      | 1.86    | .02      | .11      | 21.06 |
| 1970 | .00     | .00      | .76   | 1.14  | .98  | .26   | 2.21 | 3.23   | 1.91      | .51     | .12      | .00      | 11.12 |
| 1971 | .28     | .39      | .10   | 1.87  | 2.49 | 1.84  | 3.51 | .72    | 1.09      | 1.15    | .97      | .33      | 14.74 |
| 1972 | .27     | .03      | .30   | .05   | 2.04 | 2.38  | 2.30 | 3.51   | .30       | .73     | 1.50     | .23      | 13.64 |
| 1973 | .31     | .28      | 3.36  | .59   | 1.37 | 1.84  | 4.43 | 6.63   | 2.64      | .42     | .21      | .69      | 22.77 |
| 1974 | .18     | .13      | .81   | .16   | .00  | 1.70  | .87  | 1.39   | .04       | 2.40    | .07      | .33      | 8.08  |
| 1975 | .10     | .08      | 1.64  | .50   | 3.21 | 2.82  | 1.57 | 4.27   | 1.12      | .00     | 1.73     | .02      | 17.06 |
| 1976 | .08     | .24      | .33   | 1.04  | 2.46 | .84   | 1.38 | 2.45   | 3.14      | 1.09    | .12      | .00      | 13.17 |
| 1977 | .16     | .12      | .24   | 1.76  | 5.98 | 1.55  | 1.21 | 1.94   | .80       | .15     | .52      | .05      | 14.48 |
| 1978 | .20     | .69      | .20   | .85   | 5.79 | 3.00  | .94  | 2.06   | .14       | .58     | 1.09     | .16      | 15.70 |
| 1979 | .55     | .00      | 1.33  | .72   | 1.33 | 3.01  | 1.61 | 1.07   | .57       | 1.06    | .50      | .84      | 12.59 |
| 1980 | .36     | .47      | 1.73  | 4.09  | 3.01 | .66   | 1.01 | 2.12   | .05       | .00     | .52      | .47      | 14.49 |

Table 22.--Precipitation, in inches, for station 4388, John Martin Dam

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1941 | --      | --       | --    | --    | --   | --   | 3.32 | 2.01   | 4.64      | 2.18    | 0.06     | 0.07     | --    |
| 1942 | 0.13    | 0.68     | 0.18  | 4.45  | 0.28 | 5.02 | 0.35 | 3.59   | 1.35      | 3.18    | .03      | .78      | 20.02 |
| 1943 | .13     | .02      | .10   | .88   | 1.32 | .61  | 1.17 | 4.34   | .09       | .68     | .03      | .76      | 10.13 |
| 1944 | 1.00    | .17      | .73   | 3.96  | 4.88 | .55  | 4.30 | 1.00   | .00       | 1.43    | .64      | .28      | 18.94 |
| 1945 | .92     | .25      | .03   | 1.26  | .54  | 1.12 | 1.13 | 4.33   | 1.46      | .19     | .09      | .12      | 11.44 |
| 1946 | .24     | .47      | 1.05  | .72   | 2.85 | 1.07 | 1.16 | 2.67   | .21       | 2.44    | 3.51     | .00      | 16.39 |
| 1947 | .13     | .25      | 1.01  | 1.41  | 3.08 | 1.03 | .95  | 1.01   | .12       | .42     | .06      | .63      | 10.10 |
| 1948 | .33     | .64      | 1.21  | .39   | 2.79 | 3.11 | 1.07 | 2.14   | .39       | .17     | .08      | .05      | 12.37 |
| 1949 | .50     | .07      | .73   | .94   | 2.93 | 3.42 | 1.34 | 3.32   | .02       | .81     | .02      | .00      | 14.10 |
| 1950 | .07     | .06      | .34   | .06   | .71  | .63  | 2.07 | 2.13   | 1.76      | .12     | .05      | .12      | 8.12  |
| 1951 | .51     | .00      | .10   | .46   | 1.11 | 4.29 | .55  | 2.40   | .25       | .42     | .51      | .00      | 10.60 |
| 1952 | .07     | .19      | .25   | .91   | 1.12 | .00  | .34  | 1.83   | 1.17      | .00     | .70      | .01      | 6.59  |
| 1953 | .25     | .00      | 2.20  | .83   | 1.62 | .31  | .67  | 1.62   | .00       | .12     | 1.31     | .96      | 9.89  |
| 1954 | .21     | .01      | .34   | .17   | 1.95 | .09  | 4.30 | .68    | .23       | 1.69    | .02      | .12      | 9.81  |
| 1955 | .00     | .00      | .06   | .50   | 3.24 | .46  | .73  | 3.24   | .66       | .10     | .05      | .07      | 9.11  |
| 1956 | .16     | .13      | .00   | .46   | .61  | 1.24 | 2.03 | 4.68   | .02       | .03     | .22      | .00      | 9.58  |
| 1957 | .09     | .00      | .31   | 3.15  | 2.48 | 1.02 | 1.20 | .92    | 1.66      | .60     | .56      | .00      | 11.99 |
| 1958 | .46     | .26      | .99   | .75   | 3.80 | .91  | 3.18 | 2.10   | .21       | .11     | .34      | .07      | 13.18 |
| 1959 | .46     | .32      | .17   | .64   | 2.42 | .50  | .63  | 1.49   | .70       | 2.43    | .09      | .00      | 9.85  |
| 1960 | 1.11    | .98      | .27   | 1.14  | 1.08 | .96  | 2.43 | .03    | .82       | 2.34    | .15      | .86      | 12.17 |
| 1961 | .00     | .50      | .75   | .14   | 1.09 | 3.06 | 5.59 | 3.32   | 1.26      | .29     | 1.38     | .22      | 17.60 |
| 1962 | .28     | .01      | .37   | .51   | 1.85 | 2.74 | 3.69 | .12    | .36       | .35     | .60      | .14      | 11.02 |
| 1963 | .18     | .10      | .60   | .00   | 1.31 | 1.48 | .74  | 2.61   | 1.75      | .17     | .39      | .23      | 9.56  |
| 1964 | .00     | .28      | .04   | .80   | 5.43 | .28  | 1.02 | .37    | .45       | .14     | .40      | .14      | 9.35  |
| 1965 | .06     | .15      | .69   | .05   | 3.24 | 4.99 | 3.34 | .51    | .71       | 2.02    | .03      | .83      | 16.62 |
| 1966 | .40     | .56      | .00   | 1.23  | .01  | .39  | 1.51 | 3.56   | 1.58      | .51     | .00      | .26      | 10.01 |
| 1967 | .16     | .00      | .15   | .20   | 2.84 | 1.15 | 1.27 | .56    | 1.18      | .34     | .39      | .24      | 8.48  |
| 1968 | .02     | .08      | .30   | .75   | .87  | 2.27 | 3.54 | .69    | .57       | .42     | .02      | .17      | 9.70  |
| 1969 | .02     | .09      | .69   | 1.58  | 1.33 | 1.46 | .97  | 1.59   | 2.73      | 1.65    | .16      | .20      | 12.47 |
| 1970 | .00     | .00      | .58   | .89   | 1.42 | 1.47 | 2.56 | 1.57   | 1.28      | 1.09    | .06      | .00      | 10.92 |
| 1971 | .11     | 1.37     | .04   | .89   | 4.28 | .74  | 4.23 | 1.23   | 1.32      | .88     | .90      | .07      | 16.06 |
| 1972 | .14     | .03      | .17   | .80   | 1.07 | .63  | .62  | 2.60   | .69       | .63     | .58      | .36      | 8.32  |
| 1973 | .02     | .00      | 2.66  | .96   | 1.00 | .60  | 3.10 | .99    | 2.46      | .38     | .42      | .21      | 12.80 |
| 1974 | .08     | .33      | .87   | .00   | .00  | 1.40 | 1.66 | .05    | .00       | 1.69    | .26      | .18      | 6.52  |
| 1975 | .18     | .08      | .24   | .87   | .55  | 3.14 | 1.83 | 1.74   | .77       | .00     | 1.13     | .04      | 10.57 |
| 1976 | .19     | .33      | .07   | 1.17  | 1.80 | .21  | 1.75 | 1.27   | 1.62      | 1.34    | .10      | .00      | 9.85  |
| 1977 | .12     | .04      | .00   | 2.66  | 5.78 | 1.21 | 2.42 | 2.78   | .03       | .03     | .00      | .18      | 15.25 |
| 1978 | .20     | .25      | .13   | 1.98  | .97  | 5.51 | 1.11 | 2.16   | .16       | .39     | .43      | .24      | 13.53 |
| 1979 | .18     | .02      | 1.17  | .26   | 3.05 | 1.40 | 1.93 | 1.75   | .36       | .81     | .44      | .82      | 12.19 |
| 1980 | .52     | .06      | 2.05  | 3.76  | 2.22 | .53  | .75  | .77    | .92       | .00     | .39      | .00      | 11.97 |

Table 23.--Precipitation, in inches, for station 4720, La Junta FAA AP

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | 0.16    | 0.31     | 0.07  | 1.78  | 1.97 | 1.23 | 3.84 | 0.69   | 0.55      | 1.79    | 0.08     | 0.42     | 12.89 |
| 1921 | .75     | .29      | 1.02  | 1.37  | 1.59 | 2.36 | 3.42 | 2.50   | .28       | .62     | .08      | .38      | 14.66 |
| 1922 | .06     | .27      | .81   | 2.41  | 2.42 | .58  | 2.60 | 2.09   | .06       | .10     | .67      | .18      | 12.25 |
| 1923 | .02     | .73      | .57   | .67   | 4.02 | 4.74 | 1.40 | 3.03   | .91       | 2.37    | .79      | .13      | 19.38 |
| 1924 | .25     | .16      | 1.57  | 1.50  | 1.57 | .44  | .80  | .65    | .19       | .55     | .06      | 1.54     | 9.28  |
| 1926 | .50     | .09      | 2.18  | .56   | 1.67 | 1.19 | .31  | 1.56   | .44       | .53     | .04      | .39      | 9.46  |
| 1927 | .11     | .30      | 1.44  | 1.29  | 1.38 | 2.26 | 3.57 | 2.24   | .94       | .12     | .23      | .48      | 14.36 |
| 1928 | .00     | .44      | .83   | 1.03  | 6.23 | 4.34 | 1.94 | 4.27   | .18       | 1.24    | 1.50     | .05      | 22.05 |
| 1945 | --      | --       | --    | 1.09  | .47  | .87  | 3.10 | 5.15   | .47       | .55     | .14      | .29      | --    |
| 1946 | .68     | .06      | 1.63  | .86   | .86  | 2.25 | .32  | 1.94   | .01       | 1.60    | 4.19     | .01      | 14.41 |
| 1947 | .24     | .35      | 1.00  | 1.47  | 3.41 | 4.82 | .87  | 1.08   | .22       | .15     | .07      | .81      | 14.49 |
| 1948 | .79     | .62      | 1.21  | .77   | 1.32 | 4.67 | .55  | 2.01   | .17       | .07     | .49      | .00      | 12.67 |
| 1949 | .45     | .10      | .68   | 1.09  | 2.40 | 3.14 | 2.94 | .48    | .36       | .87     | .01      | .00      | 12.52 |
| 1950 | .02     | .07      | .38   | .54   | 1.59 | .93  | 1.74 | 2.10   | 2.71      | .00     | .09      | .11      | 10.28 |
| 1951 | .63     | .11      | .19   | .54   | 2.25 | 2.70 | 1.41 | 1.26   | .08       | .65     | .39      | .41      | 10.62 |
| 1952 | .17     | .20      | .56   | 1.58  | .96  | .36  | .12  | .47    | 2.63      | .00     | 1.44     | .36      | 8.85  |
| 1953 | .39     | .11      | 1.83  | 1.61  | 3.79 | .26  | 1.20 | 3.67   | .08       | .61     | 1.69     | .56      | 15.80 |
| 1954 | .20     | .16      | .91   | .25   | 1.79 | .19  | 2.21 | 1.28   | .35       | 1.61    | .05      | .33      | 9.33  |
| 1955 | .14     | .42      | .17   | .43   | 4.74 | .69  | .80  | 2.09   | 1.26      | .10     | .23      | .07      | 11.14 |
| 1956 | .30     | .35      | .55   | 1.51  | 1.11 | .54  | .87  | 1.22   | .01       | .13     | .38      | .04      | 7.01  |
| 1957 | .13     | .04      | .79   | 4.34  | 2.45 | 1.70 | 2.27 | .52    | .73       | 2.24    | 1.74     | .02      | 16.97 |
| 1958 | .39     | .18      | .63   | .66   | 3.57 | .51  | 3.90 | .62    | .42       | .85     | .44      | .13      | 12.30 |
| 1959 | .89     | .22      | .40   | .72   | 1.61 | .04  | 1.26 | .43    | 1.33      | 1.33    | .21      | .00      | 8.44  |
| 1960 | .85     | 1.43     | .14   | 2.72  | .33  | .93  | 1.32 | .27    | 1.05      | 2.31    | .10      | .91      | 12.36 |
| 1961 | .02     | .60      | .92   | .24   | 1.53 | 1.55 | 2.54 | 2.05   | .60       | .14     | .36      | .28      | 10.83 |
| 1962 | .81     | .03      | .22   | .50   | 2.80 | .67  | 2.53 | .07    | .26       | .21     | .64      | .07      | 8.81  |
| 1963 | .29     | .13      | .62   | .00   | .51  | 1.03 | 1.45 | 3.02   | .98       | .16     | .28      | .37      | 8.84  |
| 1964 | .27     | .42      | .14   | .56   | 2.08 | .00  | 1.02 | .94    | .75       | .05     | .31      | .14      | 6.68  |
| 1965 | .29     | .23      | .56   | .22   | .99  | 3.31 | 4.32 | 1.90   | .93       | 2.01    | .02      | .51      | 15.29 |
| 1966 | .43     | .28      | .00   | 1.28  | .02  | .40  | 5.54 | .79    | 4.26      | .55     | .00      | .12      | 13.67 |
| 1967 | .20     | .00      | .11   | .23   | 2.82 | .82  | 2.47 | .66    | .51       | .54     | .26      | .50      | 9.12  |
| 1968 | .08     | .20      | .29   | .33   | 1.24 | .87  | 1.67 | 1.56   | .46       | .23     | .20      | .34      | 7.47  |
| 1969 | .01     | .18      | .68   | 1.67  | 1.90 | 1.28 | 2.77 | 2.75   | .67       | 1.49    | .27      | .31      | 13.98 |
| 1970 | .06     | .00      | .65   | 1.22  | .30  | 1.81 | 3.10 | .21    | 1.11      | 1.22    | .62      | .00      | 10.30 |
| 1971 | .19     | .21      | .26   | .72   | 3.06 | .80  | 2.43 | 1.85   | .81       | .40     | .87      | .13      | 11.73 |
| 1972 | .34     | .11      | .18   | .61   | 2.42 | 2.63 | .87  | 1.56   | .56       | .57     | 1.53     | .45      | 11.83 |
| 1973 | .27     | .06      | 3.45  | 1.07  | 1.44 | .51  | 1.67 | .49    | 2.03      | .42     | .41      | .75      | 12.57 |
| 1974 | .18     | .68      | .63   | 1.06  | 1.45 | .61  | .91  | .70    | .12       | 1.09    | .35      | .24      | 8.02  |
| 1975 | .16     | .21      | .22   | .48   | .70  | 1.07 | 1.28 | .49    | .42       | .00     | .92      | .05      | 6.00  |
| 1976 | .08     | .22      | .50   | 1.99  | .55  | .20  | 2.64 | 1.55   | .88       | 1.06    | .32      | .01      | 10.00 |
| 1977 | .03     | .25      | .07   | 1.66  | 1.65 | 1.73 | 4.12 | 4.25   | .11       | .07     | .05      | .12      | 14.11 |
| 1978 | .26     | .44      | .22   | .24   | 2.29 | 1.51 | 1.72 | 2.77   | .11       | .35     | .22      | .24      | 10.37 |
| 1979 | .47     | .06      | 1.15  | .81   | 1.72 | 3.33 | 3.63 | 2.07   | .85       | .64     | .36      | .72      | 15.81 |
| 1980 | .73     | .18      | 1.94  | 2.49  | 1.86 | .94  | 1.48 | 1.14   | .93       | .14     | .30      | .00      | 12.13 |



Table 24.--Precipitation, in inches, for station 4750, Lake Moraine

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | 0.90    | 1.08     | 0.87  | 2.55  | 2.62 | 2.18 | 3.42 | 5.80   | 1.04      | 1.22    | 0.10     | 0.44     | 22.22 |
| 1921 | .79     | .65      | 1.09  | 3.55  | 1.06 | 7.48 | 4.95 | 4.73   | .62       | .84     | .50      | 1.14     | 27.40 |
| 1922 | .48     | .32      | 1.47  | 2.35  | 2.07 | 3.28 | 4.57 | 6.19   | 1.64      | .98     | 2.22     | .54      | 26.11 |
| 1923 | .00     | 1.19     | 1.35  | .70   | 1.48 | 4.10 | 5.20 | 4.89   | 3.06      | 3.72    | .91      | .81      | 27.41 |
| 1924 | .35     | .40      | 1.98  | 3.07  | 2.48 | .38  | 1.91 | .87    | 1.14      | 2.19    | .35      | .63      | 15.75 |
| 1925 | .33     | .58      | .75   | .69   | 3.09 | 1.94 | 5.19 | 5.12   | .91       | 1.62    | 1.18     | .63      | 22.03 |
| 1926 | .97     | .74      | 2.91  | 3.77  | 2.52 | 2.20 | 4.86 | 3.37   | 1.00      | .29     | .38      | 1.24     | 24.25 |
| 1927 | .34     | .37      | 2.40  | 1.07  | 1.16 | 4.93 | 3.93 | 5.19   | 2.55      | .05     | .65      | 1.10     | 23.74 |
| 1928 | .12     | .55      | 3.55  | 1.49  | 5.55 | 2.10 | 4.06 | 2.00   | .86       | .90     | 3.38     | .37      | 24.93 |
| 1929 | .49     | .87      | 2.65  | .79   | 3.41 | .95  | 8.22 | 8.99   | 1.59      | 1.65    | 1.90     | .58      | 32.09 |
| 1930 | .34     | .66      | 1.25  | 1.48  | 2.93 | 1.87 | 7.05 | 4.02   | .67       | .86     | 1.20     | .52      | 22.85 |
| 1931 | .30     | 1.43     | 1.16  | 1.81  | 4.41 | 3.99 | 2.29 | 4.08   | 1.31      | .99     | 1.12     | .12      | 23.01 |
| 1932 | .76     | .21      | 1.59  | 2.03  | 1.30 | 2.00 | 3.62 | 4.46   | 1.49      | 1.58    | .40      | .73      | 20.17 |
| 1933 | .02     | .19      | 1.51  | 6.80  | 3.73 | 2.74 | 3.32 | 3.28   | 3.07      | .16     | .41      | 2.04     | 27.27 |
| 1934 | .47     | 3.45     | .81   | 1.91  | 2.34 | .79  | 2.32 | 5.53   | 1.40      | .12     | 1.48     | .23      | 20.85 |
| 1935 | .13     | .53      | .48   | 3.70  | 6.81 | .92  | 4.78 | 3.57   | 2.45      | .88     | .44      | .31      | 25.00 |
| 1936 | .57     | .77      | 1.37  | 1.01  | 3.57 | 2.69 | 2.55 | 6.92   | 2.37      | 1.07    | .44      | .48      | 23.81 |
| 1937 | .33     | 1.01     | 1.72  | 2.36  | 1.77 | 3.02 | 2.36 | 2.49   | 1.63      | .91     | .43      | .94      | 18.97 |
| 1938 | .95     | 1.03     | 2.67  | 4.21  | 4.57 | 4.58 | 3.66 | 2.99   | 6.23      | 1.85    | 1.56     | .60      | 34.90 |
| 1939 | 1.84    | 1.95     | 1.44  | 2.68  | 1.84 | 1.21 | 2.63 | 2.10   | .67       | .17     | .71      | .50      | 17.74 |
| 1940 | 1.72    | 1.32     | 1.87  | 2.47  | 4.44 | 1.68 | 3.43 | 2.22   | 5.04      | .72     | .86      | .62      | 26.39 |
| 1941 | .82     | .63      | 2.42  | 4.40  | 4.52 | 5.51 | 3.64 | 4.10   | 2.21      | 5.09    | .40      | .90      | 34.64 |
| 1942 | .70     | 1.02     | 2.61  | 11.70 | 1.28 | 2.83 | 2.74 | 3.89   | 2.55      | 3.95    | .18      | .62      | 34.07 |
| 1943 | .35     | .68      | 1.52  | 2.64  | 2.94 | 1.48 | 4.44 | 6.54   | .43       | .35     | 1.04     | .78      | 23.19 |
| 1944 | .82     | .47      | 2.58  | 8.33  | 3.45 | 1.37 | 5.77 | 1.76   | .40       | .61     | .30      | .27      | 26.13 |
| 1945 | .62     | 1.38     | .86   | 4.15  | 2.75 | 1.44 | 5.60 | 5.76   | .78       | 1.30    | .24      | 1.08     | 25.96 |
| 1946 | 1.50    | .50      | .70   | 1.98  | 2.62 | .75  | 3.70 | 7.39   | .91       | .93     | --       | .00      | --    |
| 1947 | .58     | .65      | 1.77  | 2.31  | 9.27 | 5.97 | 5.12 | 6.00   | 2.23      | 2.30    | .86      | --       | --    |
| 1948 | 1.59    | 1.39     | 1.94  | 2.35  | 2.83 | 2.20 | 1.85 | 2.66   | .08       | .33     | .50      | .29      | 18.01 |
| 1949 | .83     | 1.22     | 1.66  | 1.88  | 2.88 | 3.73 | 4.84 | 2.99   | .97       | 1.52    | .11      | .02      | 22.65 |
| 1950 | .37     | .49      | .22   | 1.48  | 1.99 | 1.15 | 7.28 | 2.64   | 1.59      | .23     | .53      | .20      | 18.17 |
| 1951 | .76     | .60      | 2.33  | 1.66  | 1.94 | 2.13 | 2.19 | 4.33   | .73       | 1.38    | .56      | .88      | 19.49 |
| 1952 | .24     | .96      | 1.49  | 5.34  | 3.31 | .09  | 3.99 | 4.15   | 1.05      | .15     | 1.00     | .47      | 22.24 |
| 1953 | .41     | .40      | 1.87  | 2.22  | 3.57 | 1.56 | 4.15 | 3.24   | .71       | 1.42    | .57      | 1.02     | 21.14 |
| 1954 | .22     | .52      | 1.05  | .56   | 2.31 | .99  | 7.58 | 1.66   | 1.95      | .40     | .86      | .48      | 18.58 |
| 1955 | .21     | .86      | 1.06  | .91   | 9.63 | 1.15 | 2.62 | 5.88   | .72       | .67     | .65      | .17      | 24.53 |
| 1956 | .97     | .60      | 1.03  | 4.02  | 2.14 | 1.15 | 3.53 | 2.37   | .73       | .71     | 1.46     | 1.03     | 19.74 |
| 1957 | 1.00    | 1.65     | 1.73  | 8.52  | 5.45 | 3.01 | 7.86 | 4.46   | 1.37      | 1.66    | 2.49     | .28      | 39.48 |
| 1958 | .80     | .67      | 2.19  | 1.90  | --   | --   | --   | --     | --        | --      | .59      | .95      | --    |
| 1959 | .91     | .50      | 1.90  | 2.35  | 1.30 | 2.10 | 2.69 | 2.64   | 3.81      | 1.42    | .25      | .47      | 20.34 |
| 1960 | .80     | 2.57     | 1.77  | 1.01  | 2.10 | 1.12 | 2.00 | .57    | 1.30      | 2.97    | .42      | 1.31     | 17.94 |
| 1961 | .15     | 1.21     | 1.24  | 1.75  | 2.45 | 3.76 | 5.40 | 4.46   | 3.17      | 1.26    | .98      | .54      | 26.37 |
| 1962 | 2.12    | .65      | 1.35  | 2.30  | .55  | 1.44 | 2.63 | 1.93   | 1.10      | 1.32    | .71      | .65      | 16.75 |
| 1963 | .50     | 1.20     | 1.34  | .10   | 1.02 | 2.36 | 2.71 | 7.68   | 3.57      | --      | --       | --       | --    |

Table 25.--Precipitation, in inches, for station 4770, Lamar

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | --      | --       | --    | 0.89  | 1.95 | 2.25 | 1.72 | 3.42   | 1.56      | 1.04    | 0.01     | 0.77     | --    |
| 1921 | 1.27    | 0.50     | 0.35  | 1.16  | 2.63 | 3.80 | 3.37 | 2.66   | 0.30      | 0.15    | 0.00     | 1.70     | 17.89 |
| 1922 | .00     | .55      | 1.20  | 3.10  | 1.80 | .85  | 1.29 | 1.16   | .15       | .00     | .52      | .18      | 10.80 |
| 1923 | .00     | .52      | .37   | 1.12  | 2.42 | 4.47 | 3.04 | 5.35   | 1.95      | 3.46    | .49      | .39      | 23.58 |
| 1924 | .07     | .37      | 3.30  | 1.50  | 2.01 | 1.96 | 1.28 | .73    | .94       | .64     | .00      | .95      | 13.75 |
| 1925 | .10     | .07      | .20   | .45   | 1.20 | 2.45 | 5.46 | 1.02   | 3.67      | .40     | 1.59     | .06      | 16.67 |
| 1926 | .03     | .00      | 1.86  | .41   | 3.32 | 2.46 | 1.78 | 1.00   | .61       | .00     | .00      | 1.13     | 12.60 |
| 1927 | .15     | .10      | .75   | 1.79  | .25  | 3.67 | 9.00 | 2.85   | .87       | .50     | .18      | .10      | 20.21 |
| 1928 | .00     | .36      | 1.42  | 1.24  | 5.50 | 3.55 | 2.40 | 1.02   | .35       | 3.07    | 1.20     | .00      | 20.11 |
| 1930 | .02     | .27      | .00   | .57   | 3.73 | 1.41 | 3.36 | 1.62   | .86       | 5.22    | .79      | .48      | 18.33 |
| 1931 | .00     | 1.61     | .39   | .14   | 2.67 | 1.22 | .13  | .60    | .31       | .14     | .52      | .00      | 7.73  |
| 1932 | .83     | .04      | .93   | 2.10  | 1.15 | 4.24 | 1.17 | .58    | .81       | .23     | .04      | .23      | 12.35 |
| 1933 | .00     | .03      | .68   | 2.53  | 1.53 | .57  | 1.50 | 3.78   | 1.05      | .00     | .72      | .28      | 12.67 |
| 1934 | .00     | 1.75     | 1.16  | .05   | .10  | 2.60 | 1.29 | .51    | .85       | .51     | .26      | .14      | 9.22  |
| 1935 | .00     | .18      | .19   | .00   | 2.71 | 1.14 | .95  | .63    | 2.20      | .09     | .62      | .26      | 8.97  |
| 1936 | .09     | .00      | .20   | .30   | 4.45 | 1.14 | 1.32 | 1.08   | 1.12      | 1.31    | .01      | .25      | 11.27 |
| 1937 | .16     | .28      | .55   | .52   | .45  | 1.94 | .41  | 1.09   | .23       | .83     | .33      | .88      | 7.67  |
| 1938 | .63     | .37      | 1.19  | .55   | 4.37 | 2.04 | 3.07 | 2.58   | 1.79      | .11     | .80      | .21      | 17.71 |
| 1939 | 1.20    | 1.13     | .86   | .24   | 1.10 | 1.67 | .99  | .11    | 1.04      | .00     | .22      | 1.12     | 9.68  |
| 1940 | .87     | .34      | 1.73  | .00   | 3.22 | 1.74 | 1.94 | 1.33   | 2.05      | .02     | .38      | .30      | 13.92 |
| 1941 | .65     | .10      | .94   | 2.19  | 2.53 | 1.82 | 4.02 | 1.98   | 4.42      | 2.70    | .19      | .53      | 22.07 |
| 1942 | .15     | .80      | .41   | 3.87  | .08  | 5.30 | .72  | 3.78   | .56       | 4.44    | .06      | .71      | 20.88 |
| 1943 | .18     | .02      | .24   | 1.17  | 1.51 | 1.44 | 2.34 | 1.75   | .08       | .48     | .11      | .77      | 10.09 |
| 1944 | 1.35    | .40      | .79   | 5.71  | 7.38 | .40  | 2.88 | .69    | .16       | 1.00    | .61      | .57      | 21.94 |
| 1945 | 1.40    | .41      | .06   | 1.42  | .87  | 2.09 | 2.60 | 4.54   | 1.90      | .21     | .09      | .10      | 15.69 |
| 1946 | .25     | .72      | 1.40  | 1.65  | 5.18 | 1.91 | .85  | 4.11   | .69       | 2.42    | 5.31     | .02      | 24.51 |
| 1947 | .22     | .46      | 1.52  | 1.75  | 3.54 | .91  | 1.78 | .86    | .31       | .55     | .00      | .67      | 12.57 |
| 1948 | .39     | .37      | 1.10  | .13   | 1.70 | 2.40 | 1.42 | 3.16   | 1.22      | .04     | .29      | .26      | 12.48 |
| 1949 | .53     | .06      | 1.11  | 1.63  | 2.73 | 7.54 | 2.78 | 3.16   | 1.16      | .86     | .00      | .00      | 21.56 |
| 1950 | .45     | .40      | .38   | .24   | .71  | 1.89 | 5.56 | 4.01   | 1.51      | .06     | .11      | .10      | 15.42 |
| 1951 | .97     | .14      | .18   | .77   | 2.62 | 5.16 | .45  | 2.54   | 2.32      | 1.09    | .81      | .10      | 17.15 |
| 1952 | .30     | .39      | 1.06  | 1.40  | .79  | .09  | .24  | 3.21   | 1.16      | .00     | .74      | .13      | 9.51  |
| 1953 | .27     | .06      | 1.92  | 1.92  | 2.20 | .76  | .51  | 3.56   | .00       | .10     | 1.62     | 1.09     | 14.01 |
| 1954 | .50     | .13      | .46   | .12   | 2.12 | .19  | 2.71 | 1.56   | .24       | 1.87    | .02      | .31      | 10.23 |
| 1955 | .07     | .26      | .10   | .90   | 3.76 | 1.65 | 1.35 | .72    | .76       | .16     | .12      | .24      | 10.09 |
| 1956 | .56     | .47      | .37   | .75   | 1.94 | 1.83 | 2.60 | 4.34   | .00       | .04     | 1.06     | .03      | 13.99 |
| 1957 | .22     | .16      | 1.12  | 2.41  | 2.90 | 2.15 | 3.63 | 2.65   | 1.31      | .90     | .64      | .03      | 18.12 |
| 1958 | .73     | .21      | 1.75  | .94   | 3.62 | 3.05 | 3.84 | .75    | .57       | .04     | .72      | .08      | 16.30 |
| 1959 | .79     | .16      | .29   | .94   | 2.25 | 2.58 | .87  | 2.08   | 1.60      | 1.58    | .16      | .08      | 13.38 |
| 1960 | 1.43    | 2.07     | .50   | 1.77  | 1.91 | .64  | 1.68 | .26    | .99       | 1.76    | .18      | .87      | 14.06 |
| 1961 | .00     | .84      | .90   | .44   | .97  | 4.27 | 3.21 | 3.22   | .92       | .52     | 1.18     | .23      | 16.70 |
| 1962 | .89     | .11      | .34   | .68   | 2.20 | 1.97 | 4.36 | .64    | .66       | .41     | .54      | .12      | 12.92 |
| 1963 | .42     | .14      | 1.01  | .00   | .58  | 1.93 | 1.81 | 2.09   | 1.18      | .10     | .29      | .38      | 9.93  |
| 1964 | .00     | .75      | .19   | 1.07  | 6.97 | .77  | .32  | .42    | .96       | .17     | .36      | .21      | 12.19 |
| 1965 | .36     | .49      | 1.21  | .03   | 2.40 | 6.60 | 1.14 | 2.50   | 1.13      | 1.82    | .05      | 1.75     | 19.48 |
| 1966 | 1.33    | .61      | .00   | 1.79  | .00  | .92  | 4.11 | 4.97   | 1.13      | .55     | .00      | .26      | 15.67 |
| 1967 | .20     | .00      | .27   | .03   | 3.55 | 3.35 | 1.38 | 1.68   | 1.05      | .24     | .29      | .49      | 12.53 |
| 1968 | .06     | .29      | .54   | .75   | 5.35 | 1.53 | 1.74 | 1.99   | .55       | .27     | .14      | .36      | 13.57 |
| 1969 | .00     | .14      | 1.39  | 3.33  | 2.38 | 2.23 | 3.08 | 1.91   | 2.75      | 1.92    | .20      | .16      | 19.49 |
| 1970 | .00     | .00      | 1.41  | .83   | 1.24 | .54  | 5.85 | 1.15   | 1.46      | 1.04    | .03      | .00      | 13.55 |
| 1971 | .29     | .77      | .13   | 1.13  | 2.05 | 1.43 | 3.66 | 1.92   | 1.29      | .88     | .73      | .24      | 14.52 |
| 1972 | .32     | .04      | .38   | 2.17  | 1.22 | 2.50 | 1.47 | 3.73   | 1.65      | .77     | 1.76     | .28      | 16.29 |
| 1973 | .28     | .00      | 4.67  | 1.38  | .61  | .64  | 3.52 | .40    | 2.89      | .38     | .76      | .91      | 16.44 |
| 1974 | .10     | .15      | .91   | .14   | 2.00 | 1.72 | 2.33 | .06    | .03       | 1.82    | .15      | .20      | 9.61  |
| 1975 | .24     | .15      | 1.08  | .97   | 1.40 | 5.31 | 1.96 | 1.96   | .64       | .00     | 1.88     | .02      | 15.61 |
| 1976 | .42     | .12      | .43   | 1.47  | 2.66 | 2.33 | 1.00 | .53    | 2.75      | 1.64    | .36      | .00      | 13.71 |
| 1977 | .29     | .07      | .20   | 1.73  | 4.06 | 1.37 | 1.42 | 3.44   | .05       | .08     | .58      | .27      | 13.56 |
| 1978 | .36     | .53      | .08   | 1.54  | 3.58 | 5.23 | 1.91 | 2.94   | .43       | .44     | .76      | .38      | 18.18 |
| 1979 | 1.05    | .09      | 1.25  | .66   | 6.44 | 1.32 | 2.81 | 1.65   | .87       | 1.56    | 1.37     | 1.24     | 20.31 |
| 1980 | .91     | .46      | 2.26  | 5.05  | 2.52 | .36  | .88  | 1.57   | .29       | .00     | .53      | .03      | 14.86 |

Table 26.--Precipitation, in inches, for station 4834, Las Animas (1N)

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | 0.02    | 0.05     | 0.30  | 2.47  | 1.47 | 0.61 | 2.34 | 0.44   | 1.03      | 1.66    | 0.12     | 0.38     | 10.89 |
| 1921 | .83     | .32      | .24   | 1.50  | 2.57 | 3.15 | 5.53 | 1.99   | .05       | .11     | .05      | .60      | 16.94 |
| 1922 | .00     | .58      | 1.22  | 2.65  | 1.21 | .31  | 3.64 | .70    | .00       | .00     | .66      | .00      | 10.97 |
| 1923 | .00     | .45      | .27   | .89   | 4.95 | 2.77 | 1.42 | 4.86   | 1.36      | 3.73    | .37      | .32      | 21.39 |
| 1924 | .04     | .19      | 1.26  | 1.25  | 2.26 | .28  | .44  | .39    | .14       | .89     | .00      | .32      | 7.46  |
| 1925 | .02     | .40      | .00   | .32   | 1.78 | .98  | 4.97 | .13    | .78       | .50     | 1.06     | .25      | 11.19 |
| 1926 | .25     | .03      | 1.70  | .56   | 1.43 | 3.17 | .63  | 1.29   | .43       | .55     | .29      | .35      | 10.68 |
| 1927 | .11     | .07      | .15   | .90   | .18  | 1.96 | 6.12 | 1.74   | .76       | .07     | .10      | .10      | 12.26 |
| 1929 | .00     | .23      | .15   | 1.45  | 2.36 | .11  | 2.63 | 3.50   | .80       | .13     | .45      | .00      | 11.81 |
| 1931 | .00     | .74      | .18   | .21   | 2.59 | 1.23 | 1.10 | .43    | .90       | .27     | 1.01     | .00      | 8.66  |
| 1932 | .57     | .00      | 1.18  | 2.07  | .00  | 2.93 | .81  | .32    | .25       | .00     | .00      | .38      | 8.51  |
| 1933 | .15     | .10      | .30   | 3.21  | 1.28 | .28  | 2.13 | 2.11   | .75       | .00     | .12      | .72      | 11.15 |
| 1934 | .00     | .69      | .83   | .45   | .69  | 1.00 | 1.14 | .34    | 1.20      | .00     | .28      | .00      | 6.62  |
| 1935 | .00     | .06      | .35   | .35   | 2.42 | 3.53 | .10  | .41    | 2.19      | .02     | .30      | .32      | 10.05 |
| 1936 | .27     | .02      | .15   | .30   | 4.59 | .98  | 2.36 | .85    | 1.71      | .78     | .00      | .37      | 12.38 |
| 1937 | .07     | .07      | .69   | .99   | .72  | .99  | .55  | .09    | .53       | .78     | .20      | .47      | 6.15  |
| 1938 | .00     | .40      | .99   | .27   | 3.22 | .91  | 2.67 | 1.44   | 1.81      | .14     | .71      | .13      | 12.69 |
| 1939 | 1.06    | 1.56     | .50   | .26   | 1.33 | .86  | .33  | 1.47   | .18       | .12     | .71      | .74      | 9.12  |
| 1940 | .46     | .33      | 1.41  | 1.82  | 3.03 | 1.32 | .79  | 2.32   | 1.73      | .10     | .81      | .14      | 14.26 |
| 1941 | .68     | .10      | 1.25  | 1.09  | 2.76 | 1.77 | 3.48 | 2.47   | 4.87      | 2.27    | .14      | .31      | 21.19 |
| 1942 | .08     | .43      | .61   | 3.56  | .28  | 4.34 | 1.13 | 2.89   | 1.87      | 2.71    | .03      | 1.09     | 19.02 |
| 1943 | .34     | .11      | .26   | .73   | 1.42 | .75  | 1.66 | 1.02   | .09       | .31     | .06      | 1.05     | 7.80  |
| 1944 | 1.60    | .11      | 1.18  | 3.51  | 5.63 | .45  | 3.03 | 2.99   | .04       | 1.33    | .46      | .44      | 20.77 |
| 1945 | 1.30    | .30      | .06   | .92   | .73  | 1.26 | 1.98 | 4.03   | .74       | .35     | .09      | .28      | 12.04 |
| 1946 | .47     | .62      | 1.20  | .24   | 2.18 | 1.77 | .48  | 2.96   | .06       | 1.07    | 3.06     | .00      | 14.11 |
| 1947 | .10     | .28      | .92   | .85   | 3.85 | 2.32 | .56  | 1.35   | .10       | .07     | .10      | .81      | 11.31 |
| 1948 | .82     | .70      | 1.86  | .22   | 1.30 | 2.70 | 2.33 | 1.29   | .17       | .00     | .06      | .00      | 11.45 |
| 1949 | .83     | .11      | .64   | 1.02  | 1.63 | 1.96 | 1.75 | .88    | .00       | .83     | .00      | .02      | 9.67  |
| 1950 | .08     | .04      | .32   | .40   | .91  | 1.47 | 3.35 | 2.77   | 1.90      | .10     | .25      | .27      | 11.86 |
| 1951 | .78     | .12      | .29   | .64   | 1.49 | 3.73 | 1.07 | 2.12   | .27       | .71     | .65      | .26      | 12.13 |
| 1952 | .33     | .25      | .75   | 1.50  | .69  | .00  | .22  | 1.09   | 2.16      | .00     | .70      | .16      | 7.85  |
| 1953 | .20     | .04      | 1.60  | 1.68  | 2.93 | .34  | .96  | 4.20   | .00       | .53     | 1.34     | .78      | 14.60 |
| 1954 | .40     | .03      | .34   | .10   | 1.94 | .00  | 1.71 | .69    | 1.10      | 1.36    | .03      | .20      | 7.90  |
| 1955 | .10     | .23      | .12   | .25   | 3.95 | .70  | .17  | 2.72   | .47       | .10     | .15      | .08      | 9.04  |
| 1956 | .41     | .43      | .38   | 1.10  | 1.25 | .22  | 4.14 | 2.90   | .03       | .14     | .44      | .22      | 11.66 |
| 1957 | .15     | .05      | .64   | 4.40  | 2.43 | 1.71 | 2.61 | 1.47   | .82       | 1.15    | 1.00     | .03      | 16.46 |
| 1958 | .66     | .37      | 1.06  | .80   | 4.47 | 2.05 | 6.18 | 1.14   | .35       | .69     | 1.00     | .10      | 18.87 |
| 1959 | 1.15    | .46      | .23   | .97   | 2.15 | .54  | 1.35 | 1.97   | 1.40      | 2.15    | .46      | .00      | 12.83 |
| 1960 | 1.38    | 1.82     | .12   | 2.17  | .92  | .54  | 4.72 | .23    | .65       | 2.85    | .15      | 1.07     | 16.62 |
| 1961 | .02     | .81      | .94   | .24   | 1.65 | 2.32 | 2.76 | 2.88   | .87       | .22     | .72      | .12      | 13.55 |
| 1962 | .28     | .05      | .61   | .37   | 2.53 | 1.56 | 3.31 | .14    | .19       | .39     | .78      | .11      | 10.32 |
| 1963 | .12     | .11      | .83   | .00   | .93  | 1.33 | .99  | 2.16   | 1.39      | .16     | .42      | .26      | 8.70  |
| 1964 | .01     | .26      | .09   | 1.17  | 4.84 | .02  | .95  | 1.10   | .78       | .06     | .16      | .14      | 9.58  |
| 1965 | --      | --       | --    | --    | 1.57 | 5.67 | 3.09 | --     | --        | --      | .03      | .57      | --    |
| 1966 | .49     | .40      | .00   | .77   | .18  | .34  | 1.29 | 1.52   | 1.91      | .45     | .00      | .16      | 7.51  |
| 1967 | .16     | .00      | .16   | .01   | 1.90 | 1.19 | 3.46 | 1.14   | 1.02      | .70     | .74      | .26      | 10.74 |
| 1968 | .10     | .10      | .37   | .69   | .56  | 3.29 | 2.97 | 1.15   | .74       | .28     | .28      | .30      | 10.83 |
| 1969 | .00     | .11      | .87   | 1.60  | 2.56 | 3.38 | 1.86 | 1.60   | 2.47      | 2.02    | .28      | .29      | 17.04 |
| 1970 | .00     | .00      | .81   | 1.17  | 1.63 | .94  | 3.88 | 2.10   | .90       | .92     | .51      | .00      | 12.86 |
| 1971 | .64     | .57      | .11   | .91   | 3.25 | 1.21 | 3.19 | 1.43   | 1.33      | 2.00    | 1.49     | .06      | 16.19 |
| 1972 | .20     | .06      | .17   | .42   | 1.30 | 1.72 | .70  | 1.91   | 1.14      | .40     | 1.11     | .31      | 9.44  |
| 1973 | .17     | .02      | 3.06  | 1.40  | 2.16 | .43  | 2.08 | .15    | 3.03      | .49     | .47      | .84      | 14.30 |
| 1974 | .12     | .17      | .81   | 1.20  | 1.55 | 1.10 | 2.43 | .24    | .05       | 1.21    | .27      | .10      | 9.25  |
| 1975 | .11     | .16      | .29   | .96   | .47  | 2.01 | 2.81 | 1.45   | .63       | .00     | 1.34     | .04      | 10.27 |
| 1976 | .19     | .64      | .16   | 1.42  | 1.81 | .58  | 2.13 | .77    | .90       | 1.21    | .12      | .00      | 9.93  |
| 1977 | .02     | .41      | .00   | 1.41  | 2.51 | 1.75 | 1.77 | 2.86   | .18       | .00     | .10      | .15      | 11.16 |
| 1978 | .31     | .35      | .10   | .77   | 2.48 | 3.61 | .84  | 1.76   | .50       | .36     | .31      | .14      | 11.53 |
| 1979 | .48     | .40      | .77   | .66   | 1.87 | 1.50 | 3.72 | 2.47   | .80       | 1.15    | .20      | .98      | 15.00 |
| 1980 | .50     | .37      | 1.69  | 3.74  | 3.15 | .89  | .74  | .41    | .93       | .00     | .63      | .00      | 13.05 |

Table 27.--Precipitation, in inches, for station 5730, Nonunent 2WSW

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | 0.70    | 0.88     | 0.69  | 5.63  | 2.09 | 3.35 | 1.03 | 3.57   | 0.49      | 1.76    | 0.29     | 1.01     | 21.49 |
| 1921 | 1.27    | .20      | 1.50  | 4.95  | .79  | 4.65 | 3.53 | 6.19   | .37       | 1.18    | .75      | 1.14     | 26.52 |
| 1922 | .25     | .44      | 1.27  | 3.81  | 1.25 | .51  | 3.40 | 3.26   | .24       | .01     | 1.60     | .23      | 16.27 |
| 1923 | .00     | 1.01     | 1.44  | 1.07  | 1.38 | 2.09 | 5.96 | 4.04   | 1.21      | 4.37    | .51      | 1.27     | 24.35 |
| 1924 | .41     | .50      | 1.61  | 2.63  | 2.97 | .26  | 1.76 | 1.06   | .36       | 1.66    | .27      | 1.28     | 14.77 |
| 1925 | .30     | .29      | 1.16  | 1.25  | 2.40 | 1.54 | 4.72 | 3.43   | 1.42      | 1.26    | 1.20     | 1.22     | 20.19 |
| 1927 | .06     | .46      | 3.63  | 1.75  | 1.52 | 3.85 | 2.41 | 4.22   | 1.55      | .02     | .48      | .49      | 20.44 |
| 1928 | .18     | .58      | 2.25  | .98   | 6.17 | 2.06 | 2.92 | 1.02   | .56       | 2.60    | 2.21     | .29      | 21.82 |
| 1929 | .28     | .45      | 1.15  | .94   | 2.06 | .56  | 3.51 | 5.11   | 1.89      | 1.25    | 1.21     | .06      | 18.47 |
| 1930 | .29     | .55      | .88   | 2.02  | 2.95 | .69  | 4.83 | 7.10   | .52       | .41     | 1.64     | .37      | 22.25 |
| 1931 | .03     | 1.71     | 1.38  | 1.88  | 4.11 | 1.27 | 2.15 | 2.38   | 1.10      | .81     | .83      | .04      | 17.69 |
| 1932 | .85     | .29      | .83   | 2.09  | 1.17 | 2.30 | 4.52 | 2.84   | .87       | 1.23    | .51      | .36      | 17.86 |
| 1933 | .00     | .14      | 2.18  | 5.91  | 1.67 | .97  | 1.46 | 3.96   | 1.31      | .00     | .86      | 1.65     | 20.11 |
| 1934 | .33     | 2.18     | .88   | .86   | .88  | .47  | 1.43 | 1.42   | .68       | .02     | .77      | .59      | 10.51 |
| 1935 | .00     | .77      | .24   | 1.63  | 8.63 | .87  | 1.94 | 2.87   | 1.66      | .71     | .25      | .14      | 19.71 |
| 1936 | .12     | .40      | 1.51  | .66   | 3.42 | 2.53 | 3.10 | 3.78   | 3.44      | .59     | .27      | .18      | 20.00 |
| 1937 | .08     | .65      | 1.32  | 2.77  | 1.28 | 2.50 | 1.70 | 1.03   | 2.01      | .33     | .68      | .89      | 15.24 |
| 1938 | .59     | .43      | 1.07  | 4.16  | 3.49 | 2.19 | 1.32 | 3.82   | 5.25      | .84     | 2.39     | .56      | 26.11 |
| 1939 | 1.12    | 1.91     | .98   | 1.20  | .57  | .40  | 1.10 | 1.09   | .34       | .20     | .42      | .34      | 9.67  |
| 1940 | 1.02    | 1.15     | 2.65  | 1.61  | 4.53 | .62  | 2.02 | .86    | 2.70      | .45     | --       | --       | --    |
| 1941 | .46     | .27      | 2.56  | 4.64  | 3.03 | 1.31 | 6.63 | 4.15   | 1.84      | 3.20    | .39      | .90      | 29.38 |
| 1942 | .39     | .48      | 1.37  | 5.86  | .54  | 3.87 | 2.37 | 1.45   | 1.75      | 2.64    | .13      | .57      | 21.42 |
| 1943 | .27     | .25      | .39   | 1.71  | 3.85 | 1.33 | 2.72 | 1.98   | .20       | .22     | 2.22     | .37      | 15.51 |
| 1944 | .76     | .40      | 2.95  | 5.13  | 2.09 | .81  | 3.12 | 1.07   | .10       | .15     | .99      | .39      | 17.96 |
| 1945 | .54     | 1.31     | .67   | 2.78  | 1.67 | 2.00 | 2.12 | 7.38   | 1.05      | 1.29    | .50      | .27      | 21.58 |
| 1946 | 1.27    | .26      | .94   | 2.09  | 3.41 | 1.33 | 2.14 | 6.29   | 1.69      | 1.30    | 3.65     | .12      | 24.49 |
| 1947 | .59     | .63      | 1.22  | 2.60  | --   | 2.68 | 2.86 | 1.38   | .94       | 4.24    | --       | --       | --    |
| 1948 | 99.99   | .90      | 1.95  | 2.65  | 1.30 | 1.80 | 1.67 | 2.70   | .46       | .06     | .71      | .16      | --    |
| 1949 | 1.04    | .42      | 1.71  | 2.11  | 3.02 | 3.66 | 3.00 | 1.37   | --        | --      | --       | --       | --    |
| 1950 | --      | --       | --    | 1.82  | 2.04 | 1.46 | 2.08 | .58    | 1.17      | .00     | .57      | .00      | --    |
| 1951 | .29     | .41      | 1.16  | 2.50  | 1.33 | 1.50 | 1.09 | 1.69   | .44       | 1.04    | .40      | .31      | 12.16 |
| 1952 | .08     | 1.35     | 1.59  | 2.57  | 2.52 | .16  | 1.43 | 3.27   | .55       | .10     | .43      | .45      | 14.50 |
| 1953 | .53     | 1.01     | 1.21  | 1.88  | 2.95 | 2.31 | 5.73 | 2.09   | .02       | 1.59    | .73      | 1.60     | 21.65 |
| 1954 | .30     | .82      | 1.17  | .86   | 1.07 | .97  | .71  | 2.22   | 1.10      | .14     | .55      | .41      | 10.32 |
| 1955 | .14     | .57      | .96   | 1.34  | 4.03 | .94  | 2.36 | 3.05   | .88       | .32     | .33      | .08      | 15.00 |
| 1956 | .60     | .82      | 1.14  | 1.49  | 2.33 | .81  | 2.80 | 3.72   | .03       | .78     | .69      | .76      | 15.97 |
| 1957 | .45     | .30      | 1.81  | 5.07  | 4.96 | 2.43 | 6.00 | 3.37   | 1.37      | 1.64    | 2.18     | .35      | 29.93 |
| 1958 | 1.04    | .45      | 1.96  | 1.92  | 3.27 | 2.35 | 3.31 | 1.62   | 1.50      | .52     | .24      | .79      | 18.97 |
| 1959 | .81     | .52      | 4.22  | 2.36  | 2.67 | 2.19 | 1.82 | 1.67   | 4.07      | 2.18    | .98      | 1.07     | 24.56 |
| 1960 | .64     | 3.25     | 1.43  | 1.11  | 2.62 | 1.42 | .90  | 1.25   | 1.06      | 2.80    | .67      | 1.07     | 18.22 |
| 1961 | .19     | 1.52     | 1.39  | 2.48  | 2.98 | 3.55 | 3.69 | 7.01   | 3.04      | 1.08    | 1.37     | .45      | 28.75 |
| 1962 | 1.44    | .68      | 1.20  | 2.51  | 2.11 | 2.21 | 3.09 | 1.56   | .73       | .59     | .73      | .24      | 17.09 |
| 1963 | .69     | .26      | .76   | .07   | .32  | 2.19 | 2.30 | 5.06   | 2.11      | .60     | .34      | .72      | 15.42 |
| 1964 | .74     | 2.13     | 2.07  | .95   | 2.39 | 1.54 | 2.43 | 2.32   | .27       | .04     | .68      | .41      | 15.97 |

Table 28.--Precipitation, in inches, for station 5990, North Lake

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | 0.02    | 2.28     | 0.26  | 1.06  | 1.12 | 0.42 | 3.90 | --     | --        | --      | --       | --       | --    |
| 1924 | 0.11    | 0.61     | 2.69  | 2.20  | 0.88 | 0.25 | 1.48 | 0.91   | 0.43      | 1.14    | 0.29     | 1.62     | 12.61 |
| 1925 | .24     | .85      | .26   | .30   | 2.87 | .94  | 3.43 | 5.78   | 1.78      | .97     | .84      | .48      | 18.74 |
| 1926 | 1.33    | .82      | 4.21  | 2.87  | 1.78 | 1.29 | 3.26 | 3.31   | .28       | 1.03    | 1.59     | .65      | 22.42 |
| 1927 | .26     | 2.15     | 1.81  | 1.68  | .12  | 3.19 | 4.79 | 3.49   | 2.86      | .22     | .15      | .76      | 21.48 |
| 1928 | .00     | 1.79     | 1.83  | 2.39  | 3.96 | .84  | 4.14 | 2.28   | .26       | 1.12    | 1.52     | .38      | 20.51 |
| 1929 | .53     | 1.39     | 1.54  | .54   | 2.30 | .93  | 3.35 | 7.74   | 1.33      | 1.21    | 1.53     | .26      | 22.65 |
| 1930 | 1.08    | .66      | 2.48  | .34   | 3.08 | 1.46 | 8.03 | 4.85   | 1.16      | 1.19    | 1.79     | .53      | 26.65 |
| 1931 | .32     | 3.15     | 3.31  | 3.59  | 3.29 | .72  | 4.51 | 2.71   | 1.94      | 1.17    | 1.55     | .47      | 26.73 |
| 1932 | 1.86    | 1.25     | 1.99  | 1.31  | 1.51 | 1.41 | 1.60 | 3.39   | 1.50      | 1.52    | .81      | 1.32     | 19.47 |
| 1933 | .40     | .76      | 1.51  | 2.03  | 1.65 | 3.22 | 1.31 | 2.19   | 2.16      | .35     | .53      | 1.10     | 17.21 |
| 1934 | .25     | 1.76     | .79   | 1.21  | 2.27 | .36  | 2.07 | .82    | 1.61      | .00     | 1.58     | .50      | 13.22 |
| 1935 | .32     | .80      | .54   | 1.13  | 2.93 | .55  | 2.93 | 4.80   | 2.82      | 1.10    | .85      | .00      | 18.77 |
| 1936 | 1.04    | .66      | .14   | 1.41  | 2.38 | 2.45 | 3.65 | 4.41   | 2.68      | 2.13    | .38      | .45      | 21.78 |
| 1937 | .39     | .89      | 3.43  | 2.71  | 1.98 | 3.28 | 1.93 | .88    | 1.52      | .92     | .42      | .47      | 18.82 |
| 1938 | 1.17    | .72      | 2.54  | 2.19  | 2.35 | 3.77 | 2.96 | 2.23   | 2.72      | 1.99    | 1.48     | 1.03     | 25.15 |
| 1939 | 1.25    | 1.00     | .68   | 1.31  | 1.67 | .36  | 2.50 | 2.81   | 1.54      | .47     | .58      | .23      | 14.40 |
| 1940 | 1.80    | 2.07     | 1.70  | 1.33  | 2.24 | 2.01 | 2.89 | 4.38   | 2.55      | .34     | 2.42     | 1.32     | 25.05 |
| 1941 | .54     | .71      | 5.06  | 3.78  | 3.03 | 2.16 | 4.16 | 2.91   | 3.11      | 4.14    | .22      | .51      | 30.33 |
| 1942 | .26     | 1.36     | 1.58  | 5.43  | .73  | .95  | 2.66 | 2.72   | 2.38      | 1.15    | .22      | 1.35     | 20.79 |
| 1943 | 1.15    | .80      | 2.01  | .27   | 2.73 | 1.00 | 2.40 | 4.05   | .30       | 1.02    | .78      | 1.93     | 18.44 |
| 1944 | 1.17    | .96      | 1.72  | 4.67  | 1.46 | 1.39 | 4.22 | .85    | .85       | 2.01    | .94      | 1.42     | 21.66 |
| 1945 | .98     | 1.63     | 2.33  | 4.31  | .74  | 1.51 | 2.32 | 2.47   | 2.19      | 1.26    | .07      | .81      | 20.62 |
| 1946 | .89     | 1.01     | 2.27  | 2.13  | 1.04 | .19  | 5.41 | 6.69   | 1.00      | 2.36    | 1.75     | .20      | 24.94 |
| 1947 | 1.65    | 1.49     | 1.82  | 3.67  | 3.88 | 2.36 | 3.32 | 4.33   | .60       | .65     | .66      | 1.60     | 26.03 |
| 1948 | 2.23    | 2.39     | 2.57  | 1.15  | 3.71 | 1.11 | 1.10 | 2.03   | 1.52      | .14     | .77      | 1.04     | 19.76 |
| 1949 | 1.35    | .24      | 1.87  | 2.77  | 3.02 | 4.03 | 4.27 | 2.35   | .96       | .66     | .24      | .80      | 22.56 |
| 1950 | 1.54    | .61      | .32   | .29   | .05  | .75  | .48  | .18    | .20       | .00     | .03      | .25      | 4.70  |
| 1951 | .45     | .46      | 1.81  | 1.30  | .47  | .76  | .29  | 1.90   | .60       | .70     | 1.74     | 1.70     | 12.18 |
| 1952 | 1.28    | 1.69     | 1.17  | 2.65  | 4.44 | .10  | 2.35 | 2.96   | 2.11      | .00     | .97      | .04      | 19.76 |
| 1953 | .07     | .58      | .50   | .97   | 1.62 | .10  | 5.00 | 1.81   | .00       | .87     | 1.71     | .50      | 13.73 |
| 1954 | .33     | .68      | 1.43  | .55   | 4.57 | .15  | 3.36 | 2.24   | 1.17      | 1.47    | .16      | .48      | 16.59 |
| 1955 | .17     | 1.96     | .83   | 2.55  | 6.63 | .68  | 2.04 | 4.43   | .49       | .44     | .73      | .40      | 21.35 |
| 1956 | 1.58    | 1.17     | 1.20  | .97   | 2.51 | .82  | 3.15 | 1.71   | .25       | .57     | 1.23     | .38      | 15.54 |
| 1957 | 1.92    | .42      | 1.81  | 4.12  | 5.69 | .85  | 5.98 | 6.03   | .88       | 1.56    | 3.06     | .08      | 32.40 |
| 1958 | .63     | .15      | 3.05  | 4.32  | 1.54 | 1.57 | 2.07 | 5.01   | .38       | 1.15    | .94      | .51      | 21.32 |
| 1959 | .93     | .83      | 1.58  | 4.00  | 2.59 | 2.40 | 2.74 | 4.69   | 1.66      | 2.15    | .98      | .93      | 25.48 |
| 1960 | .40     | 2.13     | 1.26  | .96   | .49  | .35  | 4.97 | 1.32   | 1.27      | 4.93    | .69      | 1.18     | 19.95 |
| 1961 | .80     | 1.93     | 1.63  | 2.33  | 1.34 | 3.75 | 3.79 | 5.33   | 2.04      | 1.68    | 1.47     | 1.17     | 27.26 |
| 1962 | 1.17    | 1.03     | 1.72  | 1.71  | .26  | 1.03 | 2.39 | .70    | .99       | 1.63    | .97      | .55      | 14.15 |
| 1963 | .73     | 1.92     | .70   | .02   | .95  | 1.96 | .96  | 4.67   | 3.07      | .67     | .27      | .66      | 16.58 |
| 1964 | .69     | 1.71     | 1.20  | 1.41  | 1.47 | .51  | 2.05 | 3.19   | 1.62      | .15     | 1.05     | 1.57     | 16.62 |
| 1965 | 1.00    | 1.60     | 1.63  | 3.25  | 1.74 | 3.12 | 5.81 | 3.79   | 2.94      | 1.09    | 1.31     | .87      | 28.15 |
| 1966 | .41     | .93      | .18   | 2.11  | 1.31 | 3.96 | 3.39 | 4.10   | .81       | .33     | .32      | 1.48     | 19.33 |
| 1967 | .68     | 1.67     | 1.26  | .46   | 2.07 | 1.82 | 5.49 | 4.70   | 1.09      | 1.37    | .49      | 2.75     | 23.85 |
| 1968 | .30     | .77      | 1.92  | 2.63  | 1.77 | .23  | 3.43 | 4.44   | .60       | .53     | 1.42     | .25      | 18.29 |
| 1969 | 1.18    | .57      | 1.68  | .68   | 1.81 | 4.53 | 5.71 | 4.04   | 1.88      | 2.49    | .35      | 1.29     | 26.21 |
| 1970 | .18     | 1.44     | 4.43  | 1.75  | .90  | .54  | 4.40 | 3.35   | 1.76      | 2.60    | .62      | .49      | 22.46 |
| 1971 | .68     | .82      | .38   | .80   | 1.39 | .34  | 4.70 | 1.82   | 2.93      | 1.27    | 1.17     | 1.02     | 17.32 |
| 1972 | .68     | .48      | 1.76  | .40   | 1.54 | .73  | 1.44 | 3.30   | 1.21      | 2.50    | 1.06     | 1.04     | 16.14 |
| 1973 | .64     | .09      | 3.08  | 2.41  | 1.62 | .76  | 2.96 | 1.83   | .99       | 1.12    | .13      | 1.87     | 17.50 |
| 1974 | 1.91    | .22      | 1.34  | .38   | .97  | .46  | 2.86 | 2.05   | 1.36      | 1.71    | .77      | 1.56     | 15.59 |
| 1975 | 1.11    | 1.63     | 2.63  | .86   | 1.20 | 1.57 | 5.41 | 1.05   | 1.84      | .70     | 1.83     | .11      | 19.94 |
| 1976 | 1.81    | .13      | 2.49  | 1.06  | 2.46 | .46  | 1.73 | 2.47   | 5.16      | 1.65    | 2.93     | 2.68     | 25.03 |
| 1977 | .73     | 1.91     | 1.51  | 2.17  | .23  | 1.59 | 5.90 | 2.29   | 1.83      | .00     | 2.36     | .06      | 20.58 |
| 1978 | .72     | .91      | 2.30  | .12   | 3.88 | 1.51 | 3.56 | 2.54   | .18       | 1.67    | 2.37     | 1.19     | 20.95 |
| 1979 | 1.33    | .37      | 1.96  | .47   | 5.91 | 2.47 | 1.24 | 3.90   | 1.14      | 1.72    | 1.44     | .80      | 22.75 |
| 1980 | 2.19    | .84      | 2.57  | 3.51  | 4.22 | .26  | .92  | .95    | 1.48      | .77     | .85      | .16      | 18.72 |

Table 29.--Precipitation, in inches, for station 6131, Ordway 2ENE

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1921 | 0.51    | 0.09     | 0.62  | 1.40  | 1.64 | 3.00 | 3.06 | 2.21   | 0.00      | 0.57    | 0.16     | 0.59     | 13.85 |
| 1924 | .25     | .00      | 1.61  | 1.13  | 1.33 | .19  | 1.38 | .53    | .00       | .66     | .00      | .98      | 8.06  |
| 1926 | .19     | .02      | 1.20  | 1.49  | 1.11 | 1.25 | .52  | .41    | .00       | .82     | .00      | .26      | 7.27  |
| 1927 | .45     | .13      | .88   | .38   | .18  | 1.95 | 3.22 | 3.44   | .66       | .00     | .23      | .13      | 11.65 |
| 1928 | .00     | .40      | .36   | .33   | 4.79 | 3.51 | .90  | .50    | .00       | .96     | 1.07     | .00      | 12.82 |
| 1929 | .02     | .26      | .68   | 1.07  | .27  | 1.40 | 1.49 | 3.64   | .47       | .60     | .62      | .20      | 10.72 |
| 1931 | .00     | 1.26     | .69   | .15   | 2.80 | .30  | .55  | 1.03   | .84       | .08     | .25      | .00      | 7.95  |
| 1933 | .00     | .13      | .39   | 2.33  | 1.81 | 1.49 | 1.12 | 1.51   | 1.53      | .00     | .00      | .80      | 11.11 |
| 1934 | .00     | 1.20     | .43   | .43   | .38  | .58  | .98  | .37    | .50       | .00     | .17      | .00      | 5.04  |
| 1935 | .00     | .10      | .36   | .00   | 2.30 | 1.22 | 1.75 | 2.37   | 1.91      | .00     | .35      | .24      | 10.60 |
| 1936 | .08     | .30      | .14   | .57   | 1.80 | 1.48 | 2.08 | 1.00   | 1.72      | .80     | .00      | .40      | 10.37 |
| 1937 | .20     | .45      | .35   | .96   | .28  | 2.24 | .45  | 1.59   | .32       | .47     | .25      | .70      | 8.26  |
| 1938 | .13     | .33      | 1.03  | .26   | 2.22 | .47  | 1.61 | .98    | 2.37      | .25     | .55      | .20      | 10.40 |
| 1939 | .94     | .97      | .30   | .65   | 4.10 | .47  | .67  | .41    | .49       | .00     | .33      | .60      | 9.93  |
| 1940 | .73     | .27      | .88   | 1.52  | 3.08 | .38  | 4.53 | 1.20   | 1.61      | .00     | .37      | .19      | 14.76 |
| 1941 | .34     | .00      | 1.45  | 2.41  | 3.51 | 1.89 | 5.03 | 1.70   | 3.28      | 2.88    | .10      | .70      | 23.29 |
| 1942 | .20     | .95      | .30   | 4.18  | .06  | 2.46 | 1.45 | 1.82   | 2.43      | 2.47    | .31      | .65      | 17.28 |
| 1943 | .65     | .10      | .50   | .40   | 2.29 | .27  | .92  | 2.69   | .02       | .02     | .18      | 1.14     | 9.18  |
| 1944 | 1.45    | .30      | 1.72  | 3.90  | 3.05 | .48  | 1.98 | 1.55   | .18       | .58     | .48      | .22      | 15.89 |
| 1945 | 1.19    | .41      | .05   | .91   | .99  | 2.44 | 1.12 | 4.37   | .77       | .60     | .22      | .31      | 13.38 |
| 1946 | .54     | .33      | 1.53  | .90   | 1.30 | 1.33 | .88  | 3.27   | .25       | 1.11    | --       | .11      | --    |
| 1947 | .29     | .77      | .62   | 1.00  | 4.62 | 2.99 | 1.81 | 1.63   | .00       | .34     | .00      | .93      | 15.00 |
| 1948 | .83     | .54      | 1.65  | .44   | 2.17 | 2.60 | .85  | 3.59   | .52       | .00     | .07      | .02      | 13.28 |
| 1949 | .37     | .32      | .78   | --    | --   | --   | --   | --     | --        | --      | --       | --       | --    |
| 1950 | --      | --       | .16   | .19   | 1.26 | .84  | 1.57 | 1.48   | 3.55      | .00     | .03      | .26      | --    |
| 1951 | .56     | .11      | .31   | .86   | 2.79 | 1.81 | 1.27 | .76    | .36       | .38     | .84      | .19      | 10.24 |
| 1952 | .26     | .11      | .48   | 1.84  | .86  | .00  | .44  | .67    | 1.10      | .01     | .41      | .26      | 6.44  |
| 1953 | .16     | .01      | 2.16  | 1.28  | 2.05 | .30  | .79  | 1.74   | .17       | .48     | .57      | .48      | 10.19 |
| 1954 | .40     | .02      | .32   | .13   | 1.58 | .06  | 1.58 | 1.50   | .00       | .87     | .06      | .15      | 6.67  |
| 1955 | .10     | .25      | .10   | .63   | 2.87 | .47  | .80  | 2.22   | .74       | .14     | .10      | .07      | 8.49  |
| 1956 | .48     | .18      | .50   | 1.27  | .78  | .32  | .51  | .72    | .00       | .17     | .29      | .11      | 5.33  |
| 1957 | .06     | .04      | .92   | 4.62  | 1.36 | 2.60 | .72  | 1.44   | 1.29      | 1.21    | 1.51     | .00      | 15.77 |
| 1958 | .09     | .27      | 1.28  | 1.09  | 2.30 | .53  | 1.54 | .71    | 2.00      | .58     | .35      | .05      | 10.79 |
| 1959 | .91     | .39      | .52   | 1.20  | 2.19 | 2.65 | 1.23 | .43    | 1.91      | 1.44    | .03      | .00      | 12.90 |
| 1960 | .91     | 1.67     | .20   | 1.20  | .71  | .54  | 1.88 | .05    | .93       | 2.14    | .51      | 1.40     | 12.14 |
| 1961 | .09     | .89      | 1.03  | .42   | .71  | 2.98 | 4.44 | 1.58   | .87       | .06     | .51      | .28      | 13.86 |
| 1962 | .25     | .17      | .75   | .87   | 1.71 | 1.82 | 2.99 | .44    | .28       | .25     | .76      | .00      | 10.29 |
| 1963 | .13     | .04      | .61   | .00   | .04  | 1.36 | 1.98 | 3.25   | 1.07      | .60     | .38      | .41      | 9.87  |
| 1964 | .16     | .30      | .65   | .54   | 1.55 | .00  | 1.60 | .57    | .28       | .04     | .23      | .14      | 6.06  |
| 1965 | .18     | .56      | .67   | .44   | .74  | 4.17 | 4.38 | 4.34   | 1.00      | 1.69    | .00      | .34      | 18.51 |
| 1966 | .30     | .85      | .05   | .14   | .13  | .45  | 3.18 | .61    | 3.08      | .78     | .00      | .16      | 9.73  |
| 1967 | .16     | .06      | .17   | .08   | 1.39 | 1.50 | 3.56 | 1.72   | .87       | .47     | .28      | .68      | 10.94 |
| 1968 | .03     | .40      | .53   | .08   | .71  | 1.21 | 1.20 | .81    | .40       | .26     | .15      | .34      | 6.12  |
| 1969 | .00     | .04      | .79   | 1.07  | 2.23 | 2.46 | 4.41 | 3.08   | 1.44      | 2.27    | .34      | .21      | 18.34 |
| 1970 | .18     | .00      | 1.02  | .91   | .52  | .73  | 1.58 | .63    | 1.86      | 1.37    | .69      | .00      | 9.49  |
| 1971 | .18     | .20      | .27   | .62   | 1.66 | .37  | 3.75 | 1.74   | 1.14      | .40     | .74      | .12      | 11.19 |
| 1972 | .30     | .13      | .48   | .89   | 2.35 | 1.62 | 1.02 | 1.14   | 1.77      | .25     | 2.06     | .36      | 12.37 |
| 1973 | .24     | .01      | 1.97  | 1.10  | 2.03 | .54  | 2.09 | 1.05   | 2.51      | .47     | .50      | .75      | 13.26 |
| 1974 | .23     | .53      | .96   | 1.13  | 1.05 | 1.23 | 2.25 | .89    | .26       | .95     | .58      | .45      | 10.51 |
| 1975 | .17     | .32      | .19   | .61   | 1.51 | 1.11 | 1.65 | 1.96   | .17       | .00     | .83      | .05      | 8.57  |
| 1976 | .20     | .00      | .85   | 1.04  | .88  | .47  | 1.85 | 1.55   | 2.40      | 1.00    | .19      | .05      | 10.48 |
| 1977 | .04     | .22      | .03   | 1.69  | 1.19 | .85  | 3.54 | 2.91   | .16       | .03     | .03      | .15      | 10.84 |
| 1978 | .21     | .34      | .44   | .05   | 2.74 | 1.08 | 1.07 | 1.67   | .09       | .35     | .42      | .25      | 8.71  |
| 1979 | .38     | .00      | 1.25  | .43   | 2.39 | 2.02 | 3.80 | 1.72   | .56       | .57     | .64      | 1.24     | 15.00 |
| 1980 | --      | --       | --    | --    | --   | .17  | 1.42 | .18    | 1.20      | .00     | .25      | .00      | --    |

Table 30.--Precipitation, in inches, for station 6410, Penrose (3NW)

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1925 | 0.16    | 0.55     | 0.40  | 0.00  | 1.44 | 0.65 | 2.00 | 1.85   | 0.95      | 0.78    | 0.68     | 0.61     | 10.07 |
| 1926 | .67     | .23      | .66   | 1.38  | 1.03 | .56  | 1.09 | 1.36   | .55       | .49     | .10      | .35      | 8.47  |
| 1928 | .01     | .32      | 1.73  | .17   | 4.00 | 1.33 | .76  | .55    | .20       | .74     | .97      | .05      | 10.83 |
| 1929 | .22     | .27      | .45   | .58   | 1.07 | .30  | 3.42 | 3.56   | 2.01      | 1.00    | 1.67     | .31      | 14.86 |
| 1930 | .24     | .87      | .44   | .57   | 1.91 | .42  | 2.18 | 4.81   | .80       | .27     | 1.22     | .25      | 13.98 |
| 1933 | .00     | .10      | .25   | 2.36  | 2.04 | 1.63 | 2.10 | 1.47   | 1.48      | .00     | .22      | 1.63     | 13.28 |
| 1934 | .02     | .93      | .37   | .67   | .81  | .78  | .85  | 1.26   | .19       | .01     | .21      | .13      | 6.23  |
| 1935 | .02     | .23      | .00   | .92   | 3.53 | 1.81 | 2.01 | 1.72   | 2.23      | .58     | .02      | .00      | 13.07 |
| 1936 | .17     | .11      | .07   | .25   | 1.79 | 1.75 | 1.40 | 4.51   | 2.10      | .92     | .06      | .06      | 13.19 |
| 1937 | .12     | .48      | .59   | .37   | .53  | .79  | .40  | 1.16   | 1.09      | .66     | .09      | .40      | 6.68  |
| 1938 | .34     | .36      | .57   | 1.29  | 1.25 | 1.30 | 1.36 | 2.36   | 3.41      | .35     | .39      | .24      | 13.22 |
| 1939 | .61     | .32      | .68   | 1.28  | 1.28 | .56  | .47  | .39    | .07       | .00     | .39      | .18      | 6.23  |
| 1940 | .74     | .59      | .39   | 1.26  | 2.59 | 1.10 | 2.69 | .70    | 2.67      | .33     | .68      | .49      | 14.23 |
| 1941 | .15     | .45      | 1.44  | .95   | 2.03 | 1.33 | 3.18 | 2.97   | 1.22      | 2.08    | .18      | .46      | 16.44 |
| 1942 | .09     | .83      | .72   | 6.25  | .95  | 3.33 | .49  | 3.16   | .87       | 1.93    | .15      | .33      | 19.10 |
| 1943 | .45     | .58      | .58   | 1.06  | 2.23 | .85  | 1.29 | 1.24   | .27       | .03     | .49      | .37      | 9.44  |
| 1944 | .44     | .09      | 1.21  | 2.41  | 2.07 | .59  | 2.84 | .02    | .22       | .48     | .10      | .24      | 10.71 |
| 1945 | .59     | .23      | .08   | 2.13  | .94  | .28  | 1.97 | 2.12   | .33       | 1.98    | .01      | .18      | 10.84 |
| 1946 | .25     | .10      | .20   | .51   | 1.16 | .09  | 4.20 | 4.27   | .02       | 1.08    | 3.70     | .09      | 15.67 |
| 1947 | .31     | .51      | .43   | 1.10  | 4.40 | 2.19 | 5.61 | 1.72   | .30       | .98     | .50      | .50      | 18.55 |
| 1948 | 1.29    | .69      | 2.36  | 1.38  | 3.31 | 1.27 | .96  | 1.75   | .28       | .06     | .23      | .35      | 13.93 |
| 1949 | .69     | .92      | 1.04  | .96   | 2.40 | 4.22 | 1.72 | .76    | .24       | 1.20    | .35      | .01      | 14.51 |
| 1950 | .30     | .42      | .25   | .34   | 1.16 | 1.47 | 1.68 | .25    | .20       | .13     | .09      | .03      | 6.32  |
| 1951 | .39     | .28      | .94   | .57   | 2.17 | .24  | 1.13 | 1.75   | .33       | 1.40    | 1.09     | .31      | 10.60 |
| 1952 | .00     | .17      | .64   | 2.82  | .62  | .03  | .22  | 2.74   | .20       | .03     | .68      | .35      | 8.50  |
| 1953 | .00     | .14      | .26   | 1.53  | 1.21 | .22  | 1.49 | 1.33   | .00       | .79     | .59      | .54      | 8.10  |
| 1954 | .16     | .04      | .26   | .40   | .71  | .68  | .66  | 1.05   | .31       | .21     | .21      | .10      | 4.79  |
| 1955 | .13     | .18      | .11   | .05   | 4.15 | .47  | 1.42 | 1.65   | .75       | .00     | .15      | .20      | 9.26  |
| 1956 | .66     | .18      | .52   | 2.82  | .72  | 1.89 | 1.86 | .93    | .00       | .00     | .15      | .37      | 10.10 |
| 1957 | .25     | .39      | .62   | 3.65  | --   | --   | --   | 3.65   | .54       | .80     | 1.47     | .00      | --    |
| 1958 | .35     | .36      | 1.59  | .93   | 2.84 | .64  | 1.16 | 1.52   | .80       | .82     | .29      | .05      | 11.35 |
| 1959 | .68     | .43      | 1.02  | 1.03  | 2.31 | .62  | .91  | 1.97   | 2.41      | 3.57    | .30      | .03      | 15.28 |
| 1960 | .65     | .31      | .68   | .63   | 2.07 | 1.38 | 2.51 | .41    | 2.58      | 1.93    | .03      | .95      | 14.13 |
| 1961 | .12     | 1.44     | .74   | .36   | .80  | 1.90 | 4.35 | 4.00   | 1.55      | .80     | .45      | .86      | 17.37 |
| 1962 | .50     | .40      | .33   | 2.10  | .00  | 2.22 | 1.14 | .30    | .81       | .60     | .70      | .10      | 9.20  |
| 1963 | .65     | .04      | .90   | .00   | .04  | 1.46 | .00  | 6.71   | 1.97      | .30     | .14      | .57      | 12.78 |
| 1964 | .15     | .50      | 1.40  | .76   | .70  | .61  | .75  | .65    | 1.40      | .00     | .73      | .28      | 7.93  |
| 1965 | .25     | .63      | 1.37  | 3.95  | .70  | 3.01 | 2.05 | 5.95   | 1.50      | .70     | .00      | .00      | 20.11 |
| 1966 | .34     | .15      | .00   | .72   | .85  | 1.10 | 8.40 | 1.05   | 1.60      | .00     | .02      | .00      | 14.23 |
| 1967 | .00     | .23      | .00   | 1.20  | 3.24 | 4.05 | 2.60 | .50    | 2.54      | 1.15    | .95      | 1.35     | 17.81 |
| 1968 | .05     | .05      | .70   | .40   | .14  | .05  | 3.85 | 3.90   | 1.75      | .50     | .45      | .25      | 12.09 |
| 1969 | .00     | .15      | .50   | .75   | 2.55 | 1.25 | 1.70 | 3.45   | 1.25      | 3.25    | .25      | .85      | 15.95 |
| 1970 | .40     | .00      | .59   | 1.30  | .70  | 1.45 | 2.30 | 2.50   | 1.15      | 1.75    | .48      | .05      | 12.67 |
| 1971 | .49     | .60      | .90   | 1.30  | .95  | .55  | 2.10 | .30    | .99       | .00     | .30      | .50      | 8.98  |
| 1972 | .92     | .30      | .90   | .40   | 1.95 | 1.85 | .70  | 2.03   | 1.19      | .70     | 2.06     | 1.29     | 14.29 |

Table 31.--Precipitation, in inches, for station 6740, Pueblo WSO AP

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1939 | --      | 1.00     | 0.51  | 1.01  | 1.38 | 0.10 | 0.31 | 1.19   | 0.27      | 0.02    | 0.46     | 0.35     | --    |
| 1940 | 0.64    | 0.77     | 0.88  | 1.60  | 2.19 | 0.51 | --   | --     | --        | --      | --       | --       | --    |
| 1948 | 1.45    | 0.58     | 1.32  | 1.32  | 2.02 | 2.44 | 0.51 | 3.01   | 0.17      | 0.01    | 0.01     | 0.25     | 13.09 |
| 1949 | .27     | .17      | .79   | .93   | 3.32 | 3.12 | 1.97 | .42    | .38       | 1.41    | .00      | .00      | 12.78 |
| 1950 | .02     | .16      | .24   | .45   | .44  | .97  | 4.17 | .21    | 1.39      | .02     | .08      | .10      | 8.25  |
| 1951 | .54     | .27      | .44   | .58   | 1.88 | 1.01 | 1.90 | 3.50   | .58       | 1.02    | 1.05     | .28      | 13.05 |
| 1952 | .05     | .00      | 1.09  | 2.45  | 1.38 | .07  | 1.77 | 1.12   | .67       | .00     | .47      | .35      | 9.42  |
| 1953 | .20     | .03      | .07   | .96   | 1.75 | .44  | 1.72 | 2.16   | .15       | .58     | .31      | .50      | 8.87  |
| 1954 | .28     | .11      | .32   | .95   | 1.69 | .55  | 1.73 | .80    | .02       | .70     | .23      | .13      | 7.51  |
| 1955 | .11     | .45      | .16   | .02   | 4.08 | 1.64 | 1.27 | 5.85   | .83       | .10     | .19      | .09      | 14.79 |
| 1956 | .74     | .21      | .82   | 1.15  | .52  | .48  | 1.54 | .58    | .00       | .06     | .25      | .31      | 6.66  |
| 1957 | .19     | .25      | .14   | 4.02  | 5.43 | .84  | 2.29 | 2.18   | .40       | 4.91    | 2.43     | .01      | 23.09 |
| 1958 | .07     | .42      | .90   | .56   | 2.30 | .94  | .83  | 1.28   | .68       | 1.29    | .37      | .02      | 9.66  |
| 1959 | .76     | .36      | .85   | 1.35  | 2.09 | 1.14 | .74  | 2.62   | 2.49      | 1.32    | .01      | .00      | 13.73 |
| 1960 | .66     | .68      | .76   | .46   | 1.06 | 1.31 | 3.06 | .08    | 1.21      | 2.19    | .27      | .80      | 12.54 |
| 1961 | .04     | .47      | .69   | .08   | 1.10 | 4.26 | 2.51 | 2.62   | 1.23      | .11     | .62      | .64      | 14.37 |
| 1962 | .24     | .64      | .95   | 1.41  | .31  | .78  | 1.92 | .51    | .20       | .48     | .77      | .19      | 8.40  |
| 1963 | .33     | .28      | .32   | .00   | .39  | .46  | .25  | 2.28   | .98       | .25     | .53      | .44      | 6.51  |
| 1964 | .04     | .20      | 1.11  | .03   | 1.88 | .13  | .43  | 2.70   | 1.11      | .02     | .26      | .08      | 7.99  |
| 1965 | .19     | .71      | .42   | 1.46  | .30  | 2.79 | 2.41 | 2.69   | 1.12      | .38     | .01      | .07      | 12.55 |
| 1966 | .31     | .17      | .05   | .24   | .38  | .70  | 1.68 | 1.34   | 1.05      | .21     | .00      | .14      | 6.27  |
| 1967 | .13     | .12      | .23   | 2.03  | 1.25 | 2.03 | 3.59 | 1.07   | .83       | .79     | .11      | .93      | 13.11 |
| 1968 | .10     | .54      | .78   | .68   | 1.62 | .29  | 4.41 | .90    | .52       | .29     | .43      | .36      | 10.92 |
| 1969 | .04     | .05      | .82   | .54   | .87  | 1.74 | 1.73 | 1.58   | 1.28      | 2.04    | .48      | .50      | 11.67 |
| 1970 | .25     | .00      | .92   | 1.32  | .44  | .77  | .70  | 1.64   | 1.24      | 1.55    | .45      | .00      | 9.28  |
| 1971 | .42     | .23      | .55   | .88   | .73  | .66  | 1.93 | .85    | 1.20      | .20     | .45      | .18      | 8.28  |
| 1972 | .35     | .13      | .93   | .68   | .84  | .98  | 1.99 | 1.96   | 1.12      | 1.05    | 1.49     | .41      | 11.93 |
| 1973 | .11     | .07      | 1.34  | 1.64  | 1.84 | .38  | 3.23 | 1.77   | 1.19      | .76     | .05      | .82      | 13.20 |
| 1974 | .40     | .17      | .45   | .29   | 1.17 | 1.70 | 1.23 | 1.75   | .65       | .86     | .69      | .32      | 9.68  |
| 1975 | .07     | .24      | .12   | .85   | .69  | 2.05 | 2.19 | 2.24   | .06       | .61     | .71      | .05      | 9.88  |
| 1976 | .15     | .11      | .86   | .88   | .68  | 1.34 | 2.08 | .88    | 2.73      | .98     | .30      | .14      | 11.13 |
| 1977 | .10     | .32      | .10   | 1.77  | .60  | .25  | 2.96 | 3.53   | .08       | .00     | .14      | .02      | 9.87  |
| 1978 | .16     | .34      | .40   | .44   | 1.95 | 1.19 | .99  | 1.23   | .08       | .68     | .24      | .71      | 8.41  |
| 1979 | .59     | .06      | 2.34  | .54   | 2.60 | 3.51 | 1.47 | 2.04   | .63       | .36     | .94      | .97      | 16.05 |
| 1980 | .39     | .14      | 1.22  | 2.99  | 2.20 | .43  | .75  | 2.35   | .47       | .00     | .64      | .01      | 11.59 |



Table 32.--Precipitation, in inches, for station 6741, Pueblo

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | 0.29    | 0.39     | 0.15  | 0.86  | 1.26 | 0.47 | 1.62 | 1.89   | 1.33      | 0.91    | 0.28     | 0.38     | 9.83  |
| 1921 | .30     | .07      | .20   | .79   | .98  | 7.14 | 5.26 | 2.24   | .25       | 1.21    | .72      | 1.12     | 20.28 |
| 1922 | .39     | .37      | .29   | 1.21  | 1.67 | .53  | .29  | .69    | .09       | .19     | 1.26     | .00      | 6.98  |
| 1923 | .00     | .76      | .67   | .54   | .68  | .91  | 4.05 | 4.65   | 1.36      | 2.75    | .66      | .35      | 17.38 |
| 1924 | .41     | .12      | 1.20  | .49   | 1.73 | .34  | .84  | .15    | .10       | .51     | .19      | .97      | 7.05  |
| 1925 | .72     | .23      | .27   | .06   | 1.00 | .24  | 3.78 | 1.42   | .43       | .66     | 1.30     | .41      | 10.52 |
| 1926 | .83     | .01      | 1.10  | .94   | 1.64 | .83  | 2.31 | .65    | .36       | .54     | .07      | .72      | 10.00 |
| 1927 | .23     | .90      | 1.18  | .07   | .95  | 1.89 | 1.86 | 2.50   | 1.16      | .01     | .27      | .70      | 11.72 |
| 1928 | .01     | .51      | 1.41  | .29   | 3.56 | 1.47 | 1.06 | .49    | .12       | .15     | 1.19     | .21      | 10.47 |
| 1929 | .19     | .78      | .30   | .78   | 1.11 | .15  | 1.22 | 4.44   | .51       | .79     | 1.14     | .65      | 12.06 |
| 1930 | .31     | .06      | .56   | 1.24  | 2.12 | 1.89 | 2.64 | 3.03   | 1.03      | .57     | .44      | .13      | 14.02 |
| 1931 | .12     | 1.11     | .41   | 1.02  | 2.58 | .60  | .86  | .83    | .72       | .13     | .42      | .02      | 8.82  |
| 1932 | .52     | .05      | .62   | 1.47  | .32  | 1.50 | 1.77 | 1.32   | .23       | .54     | .30      | .59      | 9.23  |
| 1933 | .00     | .36      | .43   | 2.60  | 2.55 | 2.66 | 1.98 | 1.57   | .41       | .00     | .12      | 1.09     | 13.77 |
| 1934 | .00     | 1.23     | .38   | .60   | .47  | .14  | 1.85 | .40    | .34       | .01     | .23      | .13      | 5.78  |
| 1935 | .08     | .43      | .14   | .42   | 1.60 | 1.03 | .30  | 1.08   | 2.01      | .76     | .10      | .11      | 8.06  |
| 1936 | .23     | .44      | .14   | .29   | 4.40 | .62  | 1.42 | 2.21   | 1.77      | .78     | .21      | .34      | 12.85 |
| 1937 | .18     | .60      | .77   | .84   | .70  | .51  | .68  | 1.02   | .35       | .48     | .19      | 1.11     | 7.43  |
| 1938 | .62     | .70      | 1.32  | 1.63  | 1.77 | .79  | 1.61 | 2.03   | 1.80      | .17     | .41      | .47      | 13.32 |
| 1939 | 1.20    | 1.42     | .57   | 2.04  | 1.51 | .05  | .13  | .68    | .32       | .02     | .51      | .41      | 8.86  |
| 1940 | .72     | .66      | .36   | 1.54  | 1.76 | .39  | 1.01 | .82    | 1.96      | .36     | .90      | .42      | 10.90 |
| 1941 | .34     | .26      | 1.69  | .91   | 1.74 | 2.83 | 2.06 | 3.28   | 1.72      | 2.56    | .23      | .47      | 18.09 |
| 1942 | .11     | .45      | .89   | 6.17  | .92  | 2.88 | 1.10 | 1.58   | 1.76      | 1.94    | .07      | .49      | 18.36 |
| 1943 | .26     | .46      | .23   | .56   | 3.18 | .50  | .98  | 1.20   | .61       | .17     | .35      | .62      | 9.12  |
| 1944 | .32     | .09      | 1.36  | 2.47  | 1.90 | .34  | 2.91 | 1.31   | .20       | .32     | .19      | .03      | 11.44 |
| 1945 | .88     | .53      | .57   | 1.53  | .91  | 1.54 | 3.57 | 3.93   | .36       | 1.30    | .09      | .36      | 15.57 |
| 1946 | .32     | .12      | .45   | 2.82  | 1.34 | .23  | .95  | 5.37   | .13       | .69     | 2.04     | .09      | 14.55 |
| 1947 | .26     | .79      | .62   | 1.25  | --   | 3.48 | 1.24 | 1.01   | .45       | 2.10    | .42      | .55      | --    |

Table 33.--Precipitation, in inches, for station 7167, Rocky Ford 2SE

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | 0.10    | 0.21     | 0.00  | 1.60  | 1.35 | 0.82 | 3.07 | 0.85   | 0.65      | 1.75    | 0.00     | 0.05     | 10.45 |
| 1922 | .02     | .25      | .50   | 1.46  | 1.63 | .55  | 1.28 | .33    | .00       | .00     | .97      | .00      | 6.99  |
| 1923 | .00     | .30      | .20   | .32   | 6.27 | 4.16 | 2.39 | 3.99   | .85       | 3.18    | .16      | .00      | 21.82 |
| 1924 | .15     | .05      | 1.16  | 1.29  | .93  | .27  | .79  | .00    | .20       | .47     | .00      | .60      | 5.91  |
| 1925 | .22     | .00      | .00   | .47   | 4.41 | 1.21 | 5.98 | 1.23   | .55       | .99     | 1.60     | .39      | 17.05 |
| 1926 | .30     | .00      | 1.12  | .38   | 1.89 | 1.46 | .34  | .00    | .14       | .29     | .00      | .48      | 6.40  |
| 1927 | .10     | .33      | .50   | .61   | 1.25 | 3.27 | 1.94 | 2.27   | .65       | .02     | .15      | .08      | 11.17 |
| 1928 | .00     | .12      | .82   | .44   | 5.42 | 3.45 | .94  | 1.92   | .05       | 1.24    | .84      | .00      | 15.24 |
| 1929 | .02     | .01      | .24   | 1.30  | .88  | 1.88 | 2.18 | 3.18   | .93       | .43     | .56      | .24      | 11.85 |
| 1930 | .10     | .01      | .32   | 1.12  | 2.06 | .30  | 1.91 | .88    | 1.06      | 1.86    | 2.00     | .09      | 11.71 |
| 1931 | .00     | 1.27     | .40   | .27   | 2.42 | 1.16 | 1.05 | .59    | .48       | .15     | .32      | .00      | 8.11  |
| 1932 | .31     | .06      | .36   | 1.59  | .18  | .42  | 1.37 | 1.32   | .33       | .24     | .32      | .27      | 6.77  |
| 1933 | .00     | .01      | .50   | 2.13  | 2.44 | 1.25 | 1.05 | 3.90   | 1.97      | .00     | .13      | .87      | 14.25 |
| 1934 | .05     | 1.03     | .42   | .84   | .74  | .37  | 1.19 | 1.80   | .88       | .00     | .15      | .05      | 7.52  |
| 1935 | .00     | .00      | .37   | .48   | 2.45 | 1.01 | .42  | 1.47   | 1.90      | .05     | .23      | .16      | 8.54  |
| 1936 | .10     | .00      | .13   | .33   | 2.95 | .49  | 3.46 | .78    | 2.03      | 1.44    | .07      | .53      | 12.31 |
| 1937 | .05     | .09      | .22   | .91   | .68  | .44  | .47  | 1.02   | 1.34      | .64     | .26      | .31      | 6.43  |
| 1938 | .13     | .29      | 1.18  | .52   | 2.43 | .94  | 1.76 | 2.07   | 1.14      | .07     | .66      | .19      | 11.38 |
| 1939 | 1.19    | 1.36     | .67   | .77   | 1.63 | .30  | .53  | .99    | .47       | .14     | .53      | .59      | 9.17  |
| 1940 | .40     | .35      | .92   | 1.50  | 3.37 | .29  | 2.90 | 1.89   | 1.47      | .02     | .88      | .34      | 14.33 |
| 1941 | 1.01    | .02      | 1.79  | 2.29  | 4.08 | 1.30 | 3.17 | 1.78   | 2.80      | 3.87    | .06      | .31      | 22.48 |
| 1942 | .39     | .34      | .70   | 4.35  | .68  | 2.53 | 1.38 | 2.58   | 2.75      | 2.40    | .02      | .83      | 18.95 |
| 1943 | .26     | .13      | .24   | .63   | 2.25 | .65  | .82  | 1.52   | .27       | .13     | .14      | .92      | 7.96  |
| 1944 | 1.75    | .25      | 1.76  | 5.64  | 3.43 | .42  | 2.83 | 1.27   | .17       | 1.39    | .45      | .25      | 19.61 |
| 1945 | .89     | .39      | .07   | .97   | 1.01 | 2.39 | 4.60 | 6.31   | .35       | .47     | .18      | .26      | 17.89 |
| 1946 | .62     | .22      | 2.28  | .58   | 1.83 | 1.30 | 1.46 | 2.48   | .17       | 1.48    | 3.68     | .18      | 16.28 |
| 1947 | .25     | .42      | 1.02  | 1.73  | 2.85 | 2.17 | 2.09 | 1.51   | .38       | .47     | --       | --       | --    |
| 1948 | .94     | .99      | 1.46  | .40   | --   | 4.11 | --   | 1.11   | .22       | .10     | .08      | .05      | --    |
| 1949 | .35     | .20      | .74   | 1.21  | 1.98 | 3.72 | 3.83 | .92    | .11       | .80     | .05      | .00      | 13.91 |
| 1950 | .00     | .06      | .20   | .51   | 1.01 | 1.23 | 1.45 | 1.62   | 1.55      | .20     | .08      | .09      | 8.00  |
| 1951 | .71     | .21      | .39   | .85   | 2.86 | 4.53 | .89  | 1.04   | .16       | .75     | .78      | .25      | 13.42 |
| 1952 | .32     | .26      | .73   | 1.78  | .61  | .25  | .76  | 1.09   | 1.62      | .00     | .67      | .41      | 8.50  |
| 1953 | .15     | .05      | 1.50  | 1.49  | 3.78 | .28  | 1.40 | 1.41   | .25       | .41     | .71      | .47      | 11.90 |
| 1954 | .25     | .25      | .57   | .25   | 1.47 | .18  | 4.49 | 2.62   | 1.32      | 1.35    | .05      | .25      | 13.05 |
| 1955 | .18     | .27      | .14   | .56   | 4.23 | .29  | 1.28 | 2.72   | 2.19      | .06     | .32      | .08      | 12.32 |
| 1956 | .35     | .31      | .41   | 1.60  | 1.25 | .59  | 1.11 | 1.16   | .00       | .36     | .36      | .06      | 7.56  |
| 1957 | .15     | .02      | .63   | 4.53  | 2.32 | 2.12 | 1.18 | 1.59   | .95       | 2.64    | 1.94     | .00      | 18.07 |
| 1958 | .53     | .32      | 1.09  | 1.26  | 2.23 | 1.15 | 2.73 | 1.05   | 2.02      | .52     | .35      | .16      | 13.41 |
| 1959 | .74     | .26      | .43   | 1.05  | 2.07 | 1.31 | .72  | .44    | 1.27      | 1.38    | .17      | .00      | 9.84  |
| 1960 | .80     | 1.16     | .08   | 2.56  | .41  | .46  | 1.04 | .81    | 1.55      | 2.25    | .16      | .81      | 12.09 |
| 1961 | .04     | .75      | 1.01  | .32   | 1.53 | 2.81 | 1.72 | 1.90   | .75       | .12     | .38      | .18      | 11.51 |
| 1962 | .19     | .11      | .52   | 1.09  | 1.76 | 1.17 | 3.66 | .16    | .42       | .53     | .60      | .17      | 10.38 |
| 1963 | .15     | .18      | .48   | .00   | .88  | 2.04 | .78  | 2.07   | 1.68      | .18     | .35      | .19      | 8.98  |
| 1964 | .02     | .22      | .14   | .46   | 1.85 | .18  | 1.22 | 1.01   | .41       | .23     | .29      | .11      | 6.14  |
| 1965 | .28     | .22      | .32   | .36   | .95  | 5.74 | 4.09 | 3.13   | 1.55      | 1.34    | .10      | .41      | 18.49 |
| 1966 | .37     | .29      | .02   | .58   | .16  | .10  | 4.54 | .95    | 3.11      | .70     | .00      | .13      | 10.95 |
| 1967 | .24     | .03      | .19   | .19   | 1.91 | 1.44 | 2.25 | 1.21   | .50       | .73     | .41      | .60      | 9.70  |
| 1968 | .05     | .27      | .50   | .47   | 1.20 | .77  | 1.41 | 2.83   | .40       | .22     | .20      | .19      | 8.51  |
| 1969 | .00     | .08      | .93   | 2.19  | 1.81 | 1.23 | 1.89 | 1.02   | .57       | 1.85    | .30      | .26      | 12.13 |
| 1970 | .12     | .00      | .95   | 1.10  | .24  | .36  | 2.43 | .44    | 1.50      | 1.33    | .56      | .00      | 9.03  |
| 1971 | .17     | .25      | .22   | 1.32  | 1.79 | .06  | 5.26 | .92    | 1.25      | .64     | .72      | .12      | 12.72 |
| 1972 | .26     | .08      | .45   | .95   | .54  | .35  | .61  | .82    | .69       | .60     | 1.88     | .27      | 7.50  |
| 1973 | .30     | .02      | 2.01  | .97   | 1.87 | .67  | 1.52 | 1.22   | 2.43      | .43     | .25      | .67      | 12.36 |
| 1974 | .16     | .32      | .84   | .56   | 1.66 | .69  | .63  | 1.07   | .21       | 1.28    | .62      | .33      | 8.37  |
| 1975 | .15     | .26      | .20   | .68   | .96  | 1.39 | 1.58 | 2.29   | .28       | .01     | .84      | .00      | 8.64  |
| 1976 | .24     | .02      | .67   | 1.15  | .25  | .33  | 1.89 | .97    | 1.72      | 1.24    | .20      | .00      | 8.68  |
| 1977 | .00     | .36      | .00   | 2.22  | 1.85 | 1.94 | 1.38 | 4.66   | .14       | .03     | .05      | .03      | 12.66 |
| 1978 | .35     | .41      | .24   | .59   | 2.24 | 1.87 | 1.26 | 1.39   | .08       | .38     | .29      | .32      | 9.42  |
| 1979 | .55     | .11      | 1.14  | .42   | 2.46 | 2.98 | 2.83 | 1.42   | .79       | .74     | .55      | .87      | 14.86 |
| 1980 | .58     | .13      | 1.01  | 2.68  | 2.11 | .91  | .59  | .69    | .83       | .07     | .29      | .02      | 9.91  |

Table 34.--Precipitation, in inches, for station 7315, Rye

[--, missing data]

| Year | January | February | March | April | May   | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|-------|------|------|--------|-----------|---------|----------|----------|-------|
| 1945 | 0.59    | 1.81     | 0.99  | 5.88  | 1.60  | 2.06 | 3.18 | 5.51   | 0.45      | 1.65    | 0.45     | 0.82     | 24.99 |
| 1946 | 1.99    | .23      | 1.90  | 1.96  | 2.87  | .42  | 4.70 | 6.11   | .54       | 1.89    | 3.80     | .54      | 26.95 |
| 1947 | .83     | 1.17     | 1.12  | 2.02  | 4.31  | 4.22 | 3.05 | 3.15   | .79       | 1.26    | --       | --       | --    |
| 1948 | 1.52    | 1.52     | 2.96  | .95   | 4.46  | 1.71 | .67  | .99    | .90       | .45     | .38      | .78      | 17.29 |
| 1949 | 1.79    | .31      | 1.55  | 2.82  | 3.01  | 5.56 | 2.86 | 1.50   | .85       | 1.73    | .17      | .10      | 22.25 |
| 1950 | .13     | 1.47     | .50   | 1.94  | .82   | 2.40 | 4.65 | 1.55   | 2.17      | .47     | .70      | .09      | 16.89 |
| 1951 | 1.17    | .84      | 1.74  | 3.09  | 2.27  | 2.02 | 1.41 | 3.02   | .55       | 1.03    | 1.64     | 1.30     | 20.08 |
| 1952 | .15     | 1.37     | 1.58  | 4.32  | 4.76  | .19  | 2.10 | 2.16   | .67       | .26     | 2.11     | .82      | 20.49 |
| 1953 | .21     | 1.10     | 1.68  | 1.35  | 4.02  | .24  | 3.88 | 3.08   | .09       | .93     | 1.33     | 1.46     | 19.37 |
| 1954 | .29     | .61      | 1.41  | 1.22  | 4.25  | 1.35 | 3.60 | 1.33   | .79       | 1.11    | 1.11     | 1.31     | 18.38 |
| 1955 | .19     | 1.52     | .53   | .98   | 11.70 | 2.04 | 1.39 | 3.10   | .90       | .98     | 1.06     | .15      | 24.54 |
| 1956 | 1.27    | 1.24     | 1.86  | 3.67  | 1.75  | .88  | 2.82 | 1.70   | .00       | .27     | 2.16     | .77      | 18.39 |
| 1957 | 1.12    | .43      | 1.38  | 8.17  | 6.72  | 3.12 | 4.34 | 2.35   | 1.32      | 2.14    | 4.40     | .04      | 35.53 |
| 1958 | .83     | .55      | 2.87  | 2.12  | 2.56  | .86  | 2.53 | 1.69   | 1.80      | 1.53    | .51      | 1.12     | 18.97 |
| 1959 | 2.97    | 1.41     | 3.55  | 3.34  | 2.55  | 1.59 | 1.08 | 2.08   | 3.69      | 3.41    | 1.03     | 1.30     | 28.00 |
| 1960 | 1.65    | 2.26     | 1.74  | 2.57  | .60   | 1.43 | 3.16 | .84    | 2.62      | 6.01    | .89      | 1.93     | 25.70 |
| 1961 | .80     | 2.48     | 2.09  | 2.42  | 4.64  | 3.18 | 5.59 | 6.50   | 1.63      | 1.32    | 1.75     | 1.60     | 34.00 |
| 1962 | 1.42    | .68      | 1.68  | 2.96  | .22   | .92  | 5.88 | .68    | 1.40      | 1.00    | .50      | .04      | 17.38 |
| 1963 | .10     | .02      | .81   | .00   | .35   | 2.60 | .62  | 4.84   | 1.75      | .56     | .32      | .64      | 12.61 |
| 1964 | .85     | 2.98     | 2.43  | 2.55  | 2.03  | 1.63 | 1.58 | 3.92   | 1.78      | .30     | 1.20     | .99      | 22.24 |
| 1965 | .41     | 3.13     | 1.94  | 3.85  | 1.06  | 2.89 | 8.17 | 6.13   | 2.13      | .65     | .00      | .32      | 30.68 |
| 1966 | 1.34    | .87      | .15   | 1.87  | 1.39  | .44  | 3.48 | 7.79   | 1.28      | .54     | .17      | .58      | 19.90 |
| 1967 | .67     | 2.19     | .54   | 3.05  | 2.65  | 1.49 | 2.86 | 3.69   | .97       | 2.29    | .87      | 1.24     | 22.51 |
| 1968 | 1.30    | 1.55     | 2.75  | 2.88  | 3.25  | .20  | 7.06 | 4.93   | .88       | 1.22    | 1.27     | .97      | 28.26 |
| 1969 | .17     | .00      | 3.00  | 2.02  | 4.00  | 4.20 | 1.85 | 1.83   | 3.00      | 4.59    | .87      | 1.83     | 27.36 |
| 1970 | .38     | .69      | 5.11  | 1.75  | 1.23  | .58  | 1.72 | 2.32   | 2.67      | 3.79    | 1.87     | .05      | 22.16 |
| 1971 | .77     | 1.77     | 1.85  | 1.66  | 2.36  | .17  | 4.08 | .70    | 1.84      | .33     | 1.22     | 1.03     | 17.78 |
| 1972 | 1.32    | .47      | 3.22  | 1.53  | 3.10  | 1.68 | 1.84 | 2.74   | 3.05      | 2.12    | 2.30     | 1.09     | 24.46 |
| 1973 | .90     | .24      | 3.63  | 4.55  | 3.33  | 1.54 | 1.83 | 2.03   | 1.12      | .90     | .98      | 4.19     | 25.24 |
| 1974 | 1.64    | 1.47     | .75   | .79   | .24   | 1.17 | 1.31 | .71    | 1.88      | 1.77    | 1.05     | 1.90     | 14.68 |
| 1975 | 1.33    | 1.32     | 1.59  | 1.88  | 1.39  | 1.76 | 3.91 | 1.67   | .39       | .67     | 2.69     | .25      | 18.85 |
| 1976 | 1.51    | .60      | 2.82  | 3.09  | 2.28  | .26  | 5.43 | 5.78   | 3.68      | 2.71    | 1.05     | .82      | 30.03 |
| 1977 | .34     | .87      | .48   | 3.36  | 3.35  | 2.25 | 4.21 | 5.86   | 1.25      | .20     | 2.04     | .07      | 24.28 |
| 1978 | .79     | .40      | 1.92  | .66   | 3.73  | 1.12 | 2.69 | 2.38   | .10       | 1.49    | 1.01     | 2.47     | 18.76 |
| 1979 | 1.61    | .70      | 2.91  | .55   | 3.14  | 2.23 | 1.37 | 2.42   | .66       | 1.26    | 1.18     | 1.38     | 19.41 |
| 1980 | .65     | .60      | 2.25  | 1.77  | 7.69  | .52  | .50  | 3.65   | 1.49      | .32     | 1.15     | .02      | 20.61 |

Table 35.--Precipitation, in inches, for station 7370, Salida

[--, missing data]

| Year | January | February | March | April | May  | June  | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|-------|------|--------|-----------|---------|----------|----------|-------|
| 1932 | 0.21    | 0.15     | 0.32  | 2.88  | 0.03 | 0.50  | 0.92 | 3.66   | 0.13      | 1.33    | 0.06     | 0.35     | 10.54 |
| 1933 | .00     | .81      | .13   | 1.69  | .97  | 1.65  | 1.48 | .99    | 1.13      | .24     | 1.21     | .75      | 11.05 |
| 1934 | .01     | .41      | .30   | 2.11  | .54  | .57   | 1.33 | 1.76   | .73       | .00     | .16      | .00      | 7.92  |
| 1935 | .21     | .28      | .29   | 1.21  | 2.89 | .02   | 1.85 | 1.16   | 1.85      | .62     | .27      | .00      | 10.65 |
| 1936 | .03     | .14      | .02   | .27   | 1.50 | 1.11  | 2.33 | 2.65   | 1.86      | .31     | .00      | .24      | 10.46 |
| 1937 | .32     | .27      | .58   | .79   | 1.23 | .75   | .93  | 1.77   | .34       | .06     | .01      | .27      | 7.32  |
| 1938 | .98     | .98      | 1.68  | 1.65  | 2.66 | 1.12  | 1.15 | .53    | 2.76      | 2.20    | .38      | .79      | 16.88 |
| 1939 | .57     | .45      | 1.09  | .29   | .22  | .28   | .21  | 1.08   | .52       | .33     | .00      | .28      | 5.32  |
| 1940 | .65     | .73      | .33   | .12   | 1.16 | .11   | 1.45 | 1.54   | .72       | .00     | .81      | 1.77     | 9.39  |
| 1941 | .52     | .04      | 1.54  | .89   | 2.17 | 1.38  | 1.09 | 2.39   | 1.98      | 2.65    | .02      | .31      | 14.98 |
| 1942 | .16     | 1.29     | .75   | 3.74  | .19  | .75   | .69  | --     | --        | .47     | --       | --       | --    |
| 1943 | .00     | .70      | .82   | .74   | .56  | 1.17  | .32  | .33    | .40       | --      | --       | .77      | --    |
| 1944 | .90     | .35      | 3.20  | 2.82  | 1.30 | .18   | .87  | .43    | --        | --      | --       | .20      | --    |
| 1945 | .35     | .28      | .49   | 3.64  | .55  | .48   | 3.45 | 2.41   | .36       | .56     | .00      | .11      | 12.68 |
| 1946 | .49     | .48      | .90   | 1.02  | .67  | .41   | 1.37 | 1.31   | .16       | 2.04    | 1.99     | .07      | 10.91 |
| 1947 | .30     | .29      | .16   | 1.05  | 2.03 | 2.14  | 1.12 | 1.65   | .72       | 1.74    | .32      | --       | --    |
| 1948 | 1.22    | 2.04     | 1.52  | 1.14  | 1.32 | 99.99 | .97  | 1.12   | .46       | .35     | .34      | .63      | --    |
| 1949 | 1.31    | .27      | 1.21  | .68   | 3.25 | 3.64  | 3.63 | 1.33   | .62       | 1.84    | .00      | .00      | 17.78 |
| 1950 | .12     | .10      | .38   | .46   | .67  | .97   | 1.85 | .94    | .67       | .41     | .57      | .12      | 7.26  |
| 1951 | .86     | .48      | 1.48  | .80   | 1.16 | .56   | .38  | 1.48   | .11       | .93     | .49      | .41      | 9.14  |
| 1952 | .09     | .03      | .62   | 1.78  | .97  | .15   | 2.47 | 1.10   | .80       | .00     | .90      | .33      | 9.24  |
| 1953 | .02     | .53      | 1.50  | .69   | 1.92 | .09   | 3.55 | .50    | .21       | 3.00    | 1.33     | .75      | 14.09 |
| 1954 | .08     | .15      | .26   | .26   | 2.24 | .17   | 1.88 | 1.01   | .78       | .40     | .67      | .65      | 8.55  |
| 1955 | .08     | 2.22     | .58   | .61   | 1.50 | .28   | .43  | 5.95   | .47       | .07     | .21      | .27      | 12.67 |
| 1956 | .79     | .46      | .68   | 2.07  | .95  | .63   | .78  | .97    | .09       | .56     | 1.31     | .28      | 9.57  |
| 1957 | .92     | .06      | .54   | 3.13  | 3.77 | .60   | 1.98 | 1.51   | .10       | 1.11    | 2.85     | .00      | 16.57 |
| 1958 | .46     | .05      | .52   | 1.14  | .56  | .54   | .99  | 1.31   | .23       | .74     | .29      | .28      | 7.11  |
| 1959 | .30     | .62      | .55   | 1.08  | .90  | .81   | .87  | .86    | 1.83      | 4.33    | .11      | .09      | 12.35 |
| 1960 | .43     | .32      | .33   | .79   | 1.29 | .70   | 1.77 | .39    | .58       | 1.88    | .39      | 1.48     | 10.35 |
| 1961 | .10     | .52      | 1.64  | .64   | 1.96 | .84   | 2.69 | 2.40   | 1.49      | 4.02    | .90      | .72      | 17.92 |
| 1962 | .27     | .07      | .13   | .58   | .04  | .49   | .24  | .41    | .60       | 1.12    | .46      | .50      | 4.91  |
| 1963 | .14     | .29      | .71   | .03   | .26  | .12   | 1.98 | 2.39   | 1.48      | .81     | .23      | .47      | 8.91  |
| 1964 | .01     | .61      | 1.03  | .55   | .90  | .38   | 1.82 | 2.39   | 1.41      | .00     | 1.68     | .16      | 10.94 |
| 1965 | .06     | 1.39     | .93   | 1.23  | .63  | 1.83  | 1.65 | 3.02   | 2.25      | .95     | .03      | .74      | 14.71 |
| 1966 | .00     | .92      | .00   | .44   | .99  | 2.38  | 1.03 | 1.16   | .30       | .16     | .02      | .52      | 7.92  |
| 1967 | .02     | .10      | .25   | .43   | 1.91 | 1.65  | 1.74 | 2.08   | 1.06      | .40     | .52      | 2.55     | 12.71 |
| 1968 | .00     | .48      | .55   | 1.79  | .35  | .05   | 3.20 | .90    | .31       | .21     | .31      | .70      | 8.85  |
| 1969 | .03     | .24      | .59   | .20   | 2.95 | .98   | 3.82 | .21    | .73       | 4.00    | .00      | 1.37     | 15.12 |
| 1970 | .01     | .00      | 1.91  | .52   | .13  | --    | 1.29 | 2.20   | --        | .14     | .16      | --       | --    |
| 1971 | .62     | .47      | .00   | .33   | .46  | .37   | 2.49 | 1.73   | .68       | 1.96    | .33      | .91      | 10.35 |

Table 36.--Precipitation, in inches, for station 7862, Springfield

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1923 | 0.00    | 0.75     | 0.60  | 1.43  | 2.90 | 4.70 | 2.41 | 1.65   | 1.95      | 4.75    | 0.85     | 1.05     | 23.04 |
| 1924 | .30     | .70      | 2.10  | .60   | 2.20 | .00  | .65  | 1.28   | .25       | .80     | .00      | 1.15     | 10.03 |
| 1925 | .90     | .40      | 1.00  | .45   | 1.85 | .95  | 5.75 | 4.85   | 4.00      | .50     | 1.60     | 1.00     | 23.25 |
| 1926 | .75     | .60      | 3.10  | 1.40  | 1.70 | 3.30 | 1.15 | .35    | .00       | .00     | .25      | .70      | 13.30 |
| 1927 | .60     | .65      | 1.45  | .75   | .00  | 2.60 | 3.73 | 4.10   | .50       | .25     | .00      | .30      | 14.93 |
| 1928 | .00     | 1.00     | 1.00  | 1.99  | 6.35 | 4.43 | 2.80 | 1.80   | .60       | 4.05    | 1.35     | .40      | 25.77 |
| 1929 | .20     | .40      | 1.50  | 1.15  | 2.70 | 1.00 | 3.10 | 3.00   | 1.10      | 1.20    | 1.75     | .70      | 17.80 |
| 1930 | .40     | .25      | .55   | 1.30  | 2.15 | 2.00 | 5.95 | 1.77   | .75       | 3.30    | 1.00     | 1.00     | 20.42 |
| 1931 | .00     | 1.05     | 1.50  | .73   | 3.27 | 1.70 | .17  | .72    | 1.30      | 1.25    | 1.40     | .40      | 13.49 |
| 1932 | 1.10    | .40      | 2.35  | 2.50  | .57  | 7.85 | .49  | .32    | .75       | .62     | .50      | .40      | 17.85 |
| 1933 | .20     | .10      | 2.10  | 1.47  | 2.25 | .32  | .47  | 3.83   | .12       | .20     | .80      | .33      | 12.19 |
| 1934 | .00     | 2.20     | .70   | .70   | .91  | 3.00 | .50  | .85    | 1.26      | .75     | .33      | .25      | 11.45 |
| 1935 | .30     | .36      | .55   | .12   | 3.35 | .45  | 1.17 | .22    | 2.85      | .15     | .60      | .30      | 10.42 |
| 1936 | .20     | .15      | .30   | .40   | 4.28 | .51  | .77  | .30    | 2.06      | .35     | .00      | .66      | 9.98  |
| 1937 | .10     | .50      | 1.60  | 1.00  | 1.54 | 2.75 | 2.67 | .60    | 1.20      | .77     | .35      | .65      | 13.73 |
| 1938 | .10     | .60      | 1.00  | .81   | 3.60 | 1.42 | 2.70 | .75    | 2.73      | 1.78    | .34      | .27      | 16.10 |
| 1939 | 1.50    | 1.00     | 1.03  | .72   | 1.94 | 1.73 | 1.67 | .47    | .53       | .00     | .18      | .91      | 11.68 |
| 1940 | .54     | .70      | 1.48  | 1.00  | 2.59 | .77  | 1.91 | 1.60   | 1.20      | .96     | 2.18     | .30      | 15.23 |
| 1941 | 1.02    | .08      | 1.21  | 3.12  | 3.66 | 3.52 | 2.28 | 2.10   | 6.38      | 2.89    | .07      | .33      | 26.66 |
| 1942 | .25     | .06      | 2.27  | 5.43  | .25  | 5.18 | 1.27 | .98    | 1.85      | 4.12    | .00      | .55      | 22.21 |
| 1943 | .03     | .02      | .11   | .49   | .91  | .14  | 3.76 | 3.37   | .02       | .41     | .38      | .95      | 10.59 |
| 1944 | .55     | .33      | .84   | 4.50  | 6.27 | .84  | 4.45 | 1.45   | .00       | .50     | .85      | .86      | 21.44 |
| 1945 | .85     | .40      | .70   | 1.81  | .94  | 2.68 | 2.59 | 3.12   | 1.60      | .30     | .10      | .45      | 15.54 |
| 1946 | .30     | .30      | 1.69  | 1.47  | 4.77 | 2.07 | .70  | 1.96   | 1.24      | .44     | 3.36     | .00      | 18.30 |
| 1947 | .49     | .63      | 1.38  | 1.00  | 3.50 | 1.63 | 2.67 | 1.24   | 1.58      | .18     | .20      | 1.55     | 16.05 |
| 1948 | 1.21    | 1.15     | 2.58  | .13   | 2.29 | 4.02 | .99  | 3.52   | .46       | .22     | .72      | .00      | 17.29 |
| 1949 | 1.73    | .28      | 1.23  | .34   | --   | 3.36 | 3.43 | 4.13   | --        | --      | --       | --       | --    |
| 1950 | --      | --       | .01   | .25   | .28  | 2.98 | 2.98 | 3.15   | 1.36      | .35     | .08      | .00      | --    |
| 1951 | .29     | .08      | .16   | .28   | 5.95 | 3.21 | 2.22 | 2.63   | .92       | .47     | .34      | .00      | 16.55 |
| 1952 | .12     | .22      | .44   | 1.56  | 1.56 | .05  | 1.01 | 1.18   | .84       | .00     | .36      | .16      | 7.50  |
| 1953 | .02     | .06      | .52   | .34   | 1.04 | .88  | 2.38 | 2.08   | .00       | .65     | 1.10     | .53      | 9.60  |
| 1954 | .20     | .07      | .18   | .16   | 1.70 | 1.22 | 3.20 | 1.10   | .15       | 1.40    | .00      | .15      | 9.53  |
| 1955 | .05     | .14      | .08   | 2.73  | 4.61 | .61  | .46  | 1.76   | 1.24      | .02     | .06      | .47      | 12.23 |
| 1956 | .25     | .16      | .23   | .79   | 1.02 | .80  | 2.82 | 2.13   | .12       | .17     | .35      | .03      | 8.87  |
| 1957 | .11     | .08      | 2.32  | 2.26  | 3.38 | 2.15 | 4.13 | 2.76   | .42       | .81     | .65      | .04      | 19.11 |
| 1958 | .29     | .57      | 1.25  | 1.15  | 3.93 | 1.47 | 3.41 | .99    | .63       | .07     | .48      | .28      | 14.52 |
| 1959 | .49     | .41      | 1.21  | .57   | 2.73 | 1.20 | 3.98 | 2.66   | .13       | 2.09    | .23      | .99      | 16.69 |
| 1960 | 1.74    | 1.48     | .51   | 1.42  | 1.09 | 1.89 | .84  | 1.77   | 1.63      | 2.46    | .13      | .92      | 15.88 |
| 1961 | .06     | .70      | .35   | .56   | .68  | 3.20 | 3.66 | 1.60   | 1.41      | .86     | 1.80     | .10      | 14.98 |
| 1962 | .57     | .01      | .64   | .89   | 2.21 | 3.29 | 3.96 | .35    | .62       | .19     | .65      | .10      | 13.48 |
| 1963 | .04     | .33      | .51   | .36   | 1.20 | 2.43 | 2.01 | 2.41   | 1.61      | .30     | .15      | .26      | 11.61 |
| 1964 | .00     | 1.59     | .49   | .79   | 5.01 | .84  | .15  | 1.53   | .31       | .00     | 1.19     | .56      | 12.46 |
| 1965 | .45     | .32      | .62   | .03   | 1.83 | 9.72 | 4.33 | 2.73   | .36       | 3.03    | .02      | .53      | 23.97 |
| 1966 | .88     | .18      | .17   | .12   | .26  | .53  | 7.27 | 1.31   | 1.76      | .19     | .00      | .37      | 13.04 |
| 1967 | .56     | .07      | .08   | .62   | 2.98 | 4.89 | 2.26 | 1.27   | .87       | .27     | .25      | .42      | 14.54 |
| 1968 | .09     | .16      | .68   | .31   | 2.26 | .54  | 3.09 | 2.11   | .23       | .00     | .39      | .30      | 10.16 |
| 1969 | .37     | .13      | 2.30  | 2.71  | 3.81 | 3.65 | 2.24 | 2.10   | 3.32      | 1.99    | .25      | .22      | 23.09 |
| 1970 | .01     | .04      | 1.43  | 1.49  | 1.47 | .26  | 2.89 | 1.61   | 3.11      | .78     | 1.06     | .13      | 14.28 |
| 1971 | .24     | .97      | .60   | 2.75  | 1.55 | 1.58 | 2.45 | .60    | 1.21      | .95     | .77      | .38      | 14.05 |
| 1972 | .11     | .00      | .85   | .47   | 5.02 | 3.94 | 1.14 | 1.56   | 1.44      | .15     | 3.74     | .45      | 18.87 |
| 1973 | 1.22    | .05      | 4.54  | 1.00  | 2.67 | .94  | 2.70 | .11    | 3.89      | .49     | 1.14     | 1.08     | 19.83 |
| 1974 | .10     | .10      | 1.19  | .24   | .61  | 2.19 | .91  | 2.68   | .12       | 1.96    | .15      | .07      | 10.32 |
| 1975 | .50     | .33      | 1.14  | 1.24  | 3.44 | 3.56 | 1.03 | 2.53   | .55       | .00     | 2.80     | .16      | 17.28 |
| 1976 | .02     | .23      | .77   | 3.63  | 2.86 | .35  | .85  | 2.75   | 2.00      | .31     | .30      | .02      | 14.09 |
| 1977 | .01     | .29      | .61   | 4.99  | 3.08 | 1.09 | 2.74 | 3.09   | .75       | .12     | .18      | .00      | 16.95 |
| 1978 | .30     | .64      | .08   | 1.45  | 4.36 | 2.74 | 2.16 | 1.05   | .42       | .36     | .82      | .39      | 14.77 |
| 1979 | .37     | .05      | 2.45  | .66   | 3.81 | 2.47 | 3.61 | 1.72   | .84       | 1.80    | .54      | .35      | 18.67 |
| 1980 | .53     | --       | 1.20  | --    | --   | --   | --   | --     | --        | --      | --       | --       | --    |

Table 37.--Precipitation, in inches, for station 8064, Sugarloaf Reservoir (1ESE)

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1948 | 2.77    | 2.07     | 1.77  | 1.72  | 0.55 | 0.93 | 1.30 | 0.86   | 0.52      | --      | 1.42     | 2.33     | --    |
| 1949 | 0.96    | 0.68     | 2.08  | 0.99  | 2.51 | 3.26 | 2.79 | 1.31   | 2.17      | 1.27    | 0.22     | 1.12     | 19.36 |
| 1950 | 2.86    | 1.70     | 4.97  | 1.58  | .94  | .00  | .70  | .38    | 2.53      | .14     | 2.98     | 2.85     | 21.63 |
| 1951 | 3.08    | 2.22     | 1.22  | 2.68  | 1.60 | .72  | 1.44 | 1.57   | .65       | .88     | 1.60     | 5.10     | 22.76 |
| 1952 | 1.40    | 1.02     | 2.25  | .55   | 2.90 | .10  | 3.17 | 1.20   | .75       | .00     | 1.80     | 1.63     | 16.77 |
| 1953 | 1.65    | 2.20     | --    | --    | 1.41 | .87  | 1.73 | 1.31   | .23       | 1.55    | .87      | 1.61     | --    |
| 1954 | .41     | 1.10     | 1.91  | .52   | .88  | .35  | 2.15 | .95    | 1.58      | 1.36    | 1.36     | .95      | 13.52 |
| 1955 | 1.13    | 1.49     | 2.92  | .61   | 1.43 | .43  | 2.14 | 2.56   | .22       | 1.60    | 2.37     | 1.55     | 18.45 |
| 1956 | 2.99    | 2.98     | 1.32  | 2.06  | .54  | 1.03 | 1.70 | 1.22   | .13       | 1.48    | 1.37     | 1.79     | 18.61 |
| 1957 | 4.86    | 1.38     | 2.27  | 3.19  | 3.22 | 1.21 | 2.42 | 2.22   | .54       | .98     | 1.49     | 2.36     | 26.14 |
| 1958 | 1.73    | 2.97     | 2.29  | 2.40  | .42  | .80  | .51  | 1.28   | .59       | .49     | 1.01     | 2.15     | 16.64 |
| 1959 | 2.25    | 3.88     | 2.35  | 1.78  | .93  | 1.12 | 2.18 | 1.67   | 3.74      | 2.15    | .92      | .13      | 23.10 |
| 1960 | .89     | 2.89     | 2.19  | .94   | .80  | 1.00 | 1.15 | .76    | 1.05      | 1.07    | .68      | 1.54     | 14.96 |
| 1961 | .43     | 1.46     | 2.29  | 2.32  | .74  | .46  | 1.37 | 2.53   | 4.58      | 1.76    | 1.08     | 1.97     | 20.99 |
| 1962 | 3.93    | 2.18     | .71   | 1.89  | 1.34 | .06  | 1.42 | .59    | .93       | .88     | .43      | .82      | 15.18 |
| 1963 | 1.86    | 1.96     | 2.24  | .62   | .57  | 2.13 | 1.51 | 4.56   | .88       | 1.46    | .24      | 1.53     | 19.56 |
| 1964 | .82     | .75      | 1.92  | 3.01  | .97  | 1.81 | 2.97 | 2.49   | 1.22      | .59     | 2.09     | 4.00     | 22.64 |
| 1965 | 2.91    | .73      | 3.48  | .88   | .90  | 1.46 | 3.01 | 3.27   | 1.89      | .55     | 1.60     | 1.18     | 21.86 |
| 1966 | .56     | .81      | 1.03  | 1.26  | 1.11 | 1.03 | 2.01 | 2.10   | .53       | .98     | .80      | 2.07     | 14.29 |
| 1967 | 2.45    | 2.06     | 1.01  | 1.32  | 1.09 | .89  | 1.71 | 2.52   | 1.76      | .49     | 1.02     | 2.00     | 18.32 |
| 1968 | .33     | 2.13     | .78   | --    | --   | --   | --   | --     | --        | --      | --       | --       | --    |
| 1971 | --      | --       | --    | --    | --   | --   | --   | --     | 1.09      | 1.25    | 1.16     | 1.16     | --    |
| 1972 | 1.87    | 1.32     | 2.01  | 1.39  | 1.25 | 1.00 | .52  | .99    | 1.50      | 1.20    | 1.92     | 1.62     | 16.59 |
| 1973 | .27     | .37      | 1.28  | 2.12  | 2.17 | 1.10 | 2.92 | .82    | .82       | .46     | .66      | .99      | 13.98 |
| 1974 | 2.71    | .31      | 1.99  | 1.56  | .30  | 1.36 | 1.90 | 1.21   | .55       | 1.40    | 1.00     | 2.19     | 16.48 |
| 1975 | 3.05    | 1.69     | 3.02  | .83   | .71  | .87  | 2.56 | .81    | 1.11      | .60     | 2.05     | .78      | 18.08 |
| 1976 | 1.11    | 1.36     | 1.46  | 1.11  | 1.47 | .37  | 1.61 | 2.33   | 2.13      | .32     | .51      | .18      | 13.96 |
| 1977 | .57     | 1.40     | .55   | 1.12  | .24  | .58  | 1.69 | 1.32   | .88       | .91     | 1.61     | 2.89     | 13.76 |
| 1978 | 2.10    | 1.00     | 1.55  | .93   | 1.54 | .39  | .80  | 1.12   | .41       | 1.23    | 1.28     | 1.99     | 14.34 |
| 1979 | 2.11    | .84      | 1.73  | .77   | 2.87 | 2.55 | .40  | 1.37   | .70       | .45     | 1.82     | .23      | 15.84 |
| 1980 | 2.34    | 1.94     | 1.02  | 1.88  | 2.23 | .00  | 1.69 | 1.05   | .80       | .94     | .38      | .43      | 14.70 |

Table 38.--Precipitation, in inches, for station 8429, Trinidad

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | 0.42    | 0.71     | 0.73  | 2.18  | 1.28 | 1.87 | 1.78 | 3.17   | 0.76      | 4.25    | 0.27     | 0.88     | 18.30 |
| 1921 | .29     | .91      | 1.04  | 2.05  | 2.21 | 2.65 | 3.43 | 3.07   | .28       | .50     | .05      | .72      | 17.20 |
| 1922 | .11     | .64      | 1.75  | 2.31  | 2.04 | 1.63 | 4.89 | 1.74   | 1.21      | .08     | 1.40     | .35      | 18.15 |
| 1924 | .14     | .16      | 1.20  | 1.47  | .95  | .10  | .77  | .99    | .70       | .48     | .12      | 1.88     | 8.96  |
| 1925 | .80     | .85      | .00   | .31   | 1.70 | .44  | 4.45 | 2.85   | 2.45      | .49     | 1.36     | 1.22     | 16.92 |
| 1926 | 1.08    | 1.62     | 3.32  | 1.63  | 3.03 | 1.40 | 1.93 | .41    | .07       | .60     | .20      | .34      | 15.63 |
| 1927 | .10     | .10      | 1.52  | .98   | .05  | 2.18 | 4.64 | 3.85   | 1.79      | .15     | .36      | .41      | 16.13 |
| 1928 | .00     | .31      | .87   | 2.79  | 5.25 | 1.90 | 2.83 | .52    | .43       | 1.70    | 2.62     | .93      | 20.15 |
| 1929 | .36     | .71      | 1.41  | .80   | 3.37 | 1.09 | 1.17 | 3.61   | 2.98      | 2.15    | 1.09     | .38      | 19.12 |
| 1930 | .30     | .14      | 1.55  | .58   | 2.67 | 1.30 | 4.87 | 1.22   | .71       | 2.25    | 3.13     | .52      | 19.24 |
| 1931 | .00     | .96      | 1.37  | .67   | 3.56 | 1.48 | 3.26 | .43    | .75       | .75     | 1.08     | .01      | 14.32 |
| 1932 | 1.10    | .00      | .85   | 1.56  | 1.24 | 3.52 | 1.38 | 1.14   | .75       | .75     | .10      | .30      | 12.69 |
| 1933 | .05     | .22      | 1.20  | 1.11  | 1.37 | 2.44 | .51  | 1.28   | 2.37      | .86     | .61      | .75      | 12.77 |
| 1934 | .60     | 2.19     | .71   | 1.01  | 1.03 | .45  | 1.73 | 2.24   | 1.55      | .00     | .76      | .26      | 12.53 |
| 1935 | .00     | 1.02     | .24   | 1.13  | 3.93 | 1.05 | 2.69 | 2.42   | 1.84      | .60     | .68      | .79      | 16.39 |
| 1936 | 1.42    | .01      | .05   | 1.92  | 3.36 | 2.67 | 1.21 | 1.60   | 3.00      | .68     | .10      | .42      | 16.44 |
| 1937 | .11     | .13      | 1.00  | .84   | .77  | 3.50 | 1.06 | .00    | 1.69      | 1.07    | .85      | .50      | 11.52 |
| 1938 | .70     | .51      | .10   | 3.47  | 3.68 | 2.50 | 1.39 | .25    | .43       | 1.60    | 1.27     | .15      | 16.05 |
| 1939 | 1.13    | 1.37     | .55   | 1.37  | 1.62 | .22  | 1.28 | 2.82   | .98       | .25     | .69      | .22      | 12.50 |
| 1940 | .75     | 2.15     | .94   | 2.19  | 2.14 | .94  | 1.97 | 2.51   | 3.14      | .28     | 2.28     | .05      | 19.34 |
| 1941 | .38     | .00      | 2.58  | 2.79  | 2.45 | 2.82 | 2.24 | 2.73   | 4.53      | 3.11    | .00      | .34      | 23.97 |
| 1942 | .17     | .56      | 1.32  | 7.16  | 1.54 | .99  | 2.51 | 1.12   | 4.60      | 3.39    | .13      | .43      | 23.92 |
| 1943 | .20     | .21      | .21   | .47   | 1.87 | 1.32 | 1.29 | 3.57   | .92       | .11     | .44      | 1.68     | 12.29 |
| 1944 | 1.58    | .07      | .93   | 3.18  | 3.10 | .64  | 2.43 | .55    | 2.55      | 1.80    | .39      | 1.34     | 18.56 |
| 1945 | .53     | .75      | .81   | 2.37  | .83  | .91  | 3.30 | 2.77   | 1.16      | 2.31    | .19      | .19      | 16.12 |
| 1946 | .49     | .87      | 2.21  | 1.05  | 1.71 | 1.92 | 2.40 | 2.49   | .22       | 1.20    | 2.33     | .08      | 16.97 |
| 1947 | .49     | .67      | 1.52  | 1.95  | 2.08 | 1.70 | 3.14 | --     | 2.14      | .55     | .18      | 1.03     | --    |
| 1954 | .15     | .24      | .31   | .11   | 2.47 | .42  | 2.70 | 2.76   | .19       | 1.04    | .31      | .20      | 10.90 |
| 1955 | .08     | .33      | .29   | 1.13  | 7.78 | .13  | .58  | 2.98   | .61       | .14     | .44      | .03      | 14.52 |
| 1956 | .25     | .40      | .32   | .34   | 1.83 | .38  | 2.14 | 2.08   | .03       | .04     | .70      | .18      | 8.69  |
| 1957 | .19     | .01      | .98   | 3.23  | 2.43 | 1.75 | 2.75 | .67    | .60       | 1.25    | 1.47     | .08      | 15.41 |
| 1958 | .58     | .52      | 1.01  | .98   | 1.12 | 1.23 | 2.65 | 2.42   | .19       | .95     | .33      | .72      | 12.70 |
| 1959 | .66     | .43      | .65   | .64   | 2.46 | 1.33 | 1.64 | 1.83   | .13       | 1.40    | .51      | .61      | 12.29 |
| 1960 | 1.00    | .90      | .03   | 1.65  | .06  | .51  | 1.10 | .25    | .55       | 3.57    | .12      | .85      | 10.59 |
| 1961 | .08     | 1.10     | 1.11  | .95   | .82  | 1.81 | 2.31 | 3.56   | 1.09      | .69     | .91      | .90      | 15.33 |
| 1962 | .30     | .06      | .78   | .35   | .94  | 1.50 | 2.47 | .69    | .64       | 1.03    | .77      | .33      | 9.86  |
| 1963 | .18     | .72      | .19   | .00   | .49  | 1.86 | .18  | 2.36   | 2.85      | .56     | .22      | .30      | 9.91  |
| 1964 | .34     | 1.13     | .34   | 1.01  | 1.33 | .75  | 1.17 | 3.66   | 1.46      | .00     | .67      | .41      | 12.27 |
| 1965 | .21     | .65      | .63   | 1.26  | 2.96 | 4.55 | 3.18 | 2.30   | 1.03      | .67     | .00      | .37      | 17.81 |
| 1966 | .45     | .41      | .08   | .79   | .42  | 2.13 | 5.85 | 2.51   | .92       | .11     | .16      | .43      | 14.26 |
| 1967 | .34     | .60      | .18   | 1.06  | 2.37 | 4.36 | 1.11 | 4.72   | .89       | .57     | .33      | 1.34     | 17.87 |
| 1968 | .19     | .49      | .73   | 1.28  | 1.07 | .31  | 4.23 | 3.11   | .51       | .97     | .60      | .29      | 13.78 |
| 1969 | .04     | .24      | 1.32  | 2.37  | 1.41 | 2.45 | 2.05 | 1.52   | .56       | 1.66    | .59      | 1.08     | 15.29 |
| 1970 | .16     | .18      | 1.28  | 1.28  | .56  | .49  | 3.30 | .90    | 2.40      | 2.20    | .56      | .03      | 13.34 |
| 1971 | .15     | .36      | .51   | .62   | 1.22 | .19  | 4.99 | 5.63   | 1.29      | 1.61    | .96      | .55      | 18.08 |
| 1972 | .29     | .05      | 1.09  | .20   | 1.09 | .52  | 2.05 | 1.22   | .84       | 1.39    | .95      | .20      | 9.89  |
| 1973 | .35     | .09      | 2.28  | 1.22  | 1.02 | .34  | 3.75 | .63    | 1.37      | .68     | .63      | 1.48     | 13.84 |
| 1974 | .93     | .71      | .76   | .27   | 2.53 | 1.08 | 1.96 | 1.45   | 1.19      | 1.46    | 1.06     | .69      | 14.09 |
| 1975 | .39     | .29      | 1.41  | .37   | .89  | 1.33 | 1.94 | .88    | 1.11      | .10     | 1.52     | .39      | 10.62 |
| 1976 | .53     | .06      | .58   | 2.23  | 1.22 | .71  | 2.36 | 1.18   | 2.06      | 1.88    | .38      | .37      | 13.56 |
| 1977 | .01     | .66      | .62   | 1.79  | 1.25 | 1.25 | 4.31 | 4.08   | .99       | .14     | .94      | .23      | 16.27 |
| 1978 | .40     | .44      | 1.48  | .22   | 3.50 | 3.02 | 2.05 | 1.30   | .39       | .60     | .42      | .34      | 14.16 |
| 1979 | .61     | .11      | .84   | .76   | 5.27 | 2.31 | 1.84 | 5.23   | 1.68      | .79     | 1.14     | .58      | 21.16 |
| 1980 | .58     | .07      | .91   | 3.74  | 3.48 | .49  | .58  | 1.26   | 1.61      | .14     | .70      | .22      | 13.78 |

Table 39.--Precipitation, in inches, for station 8434, Trinidad FAA AP (Hoehne)

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1948 | 1.19    | 0.95     | 1.60  | 0.26  | 4.21 | 1.67 | 0.78 | 2.39   | 0.77      | 0.40    | 0.31     | 0.23     | 14.76 |
| 1949 | .42     | .01      | .55   | 1.97  | 1.64 | 4.97 | .99  | 1.17   | 1.46      | .34     | .11      | .06      | 13.69 |
| 1950 | .01     | .38      | .06   | .86   | 1.16 | 2.11 | 2.42 | 1.37   | 1.94      | .01     | .13      | .09      | 10.54 |
| 1951 | .31     | .12      | 1.30  | .71   | 1.25 | .99  | 1.20 | 3.11   | .18       | .75     | .78      | .22      | 10.92 |
| 1952 | .09     | .91      | .59   | 1.54  | 1.66 | .12  | 1.39 | 1.03   | 1.24      | .00     | .53      | .43      | 9.53  |
| 1953 | .17     | .33      | .19   | .60   | 4.20 | 1.54 | 2.66 | 1.77   | .17       | .71     | .78      | .64      | 13.76 |
| 1954 | .09     | .23      | .39   | .46   | 1.93 | .11  | 3.36 | 1.84   | .81       | .90     | .20      | .34      | 10.66 |
| 1955 | .04     | .68      | .31   | .77   | 6.40 | .15  | .75  | 3.05   | .52       | .24     | .30      | .08      | 13.29 |
| 1956 | .17     | .46      | .45   | .30   | 1.44 | .50  | 1.53 | .65    | .00       | .00     | .66      | .20      | 6.36  |
| 1957 | .13     | .06      | 1.22  | 3.63  | 3.23 | .37  | .98  | .29    | .29       | .60     | 1.38     | .14      | 12.32 |
| 1958 | .24     | .12      | .46   | .93   | 1.22 | 2.34 | 2.98 | 2.66   | .16       | .50     | .61      | 1.06     | 13.28 |
| 1959 | .75     | .32      | .83   | .62   | 2.24 | 1.15 | .97  | 1.16   | .35       | 1.02    | .50      | .64      | 10.55 |
| 1960 | .99     | .99      | .23   | .96   | .19  | .43  | .65  | .33    | .97       | 2.77    | .17      | .65      | 9.33  |
| 1961 | .09     | 1.01     | .85   | .68   | .68  | 1.59 | 2.47 | 1.80   | .83       | .60     | .85      | 1.10     | 12.55 |
| 1962 | .32     | .04      | .36   | .46   | .97  | .81  | 2.40 | .73    | .61       | 1.38    | .63      | .13      | 8.84  |
| 1963 | .53     | .68      | .23   | .00   | .39  | 1.26 | 1.17 | 3.23   | 1.45      | .41     | .09      | .27      | 9.71  |
| 1964 | .25     | 1.06     | .19   | 1.15  | 1.56 | .39  | 1.14 | .43    | 1.73      | .00     | .62      | .44      | 8.96  |
| 1965 | .15     | .76      | .52   | 1.18  | 1.26 | 6.39 | 3.91 | 2.88   | .76       | .68     | .00      | .26      | 18.75 |
| 1966 | 1.30    | .17      | .08   | .99   | .45  | .95  | 2.04 | 3.02   | .47       | .30     | .12      | .43      | 10.32 |
| 1967 | .42     | .37      | .32   | .64   | 1.60 | 3.36 | .65  | 3.53   | .44       | .64     | .28      | 1.23     | 13.48 |
| 1968 | .09     | .37      | 1.36  | 1.71  | 1.19 | .18  | 2.68 | 1.66   | .44       | .75     | .77      | .71      | 11.91 |
| 1969 | .07     | .31      | 1.92  | 2.55  | 2.46 | 2.81 | 2.52 | 2.67   | .74       | 2.35    | .62      | 1.12     | 20.14 |
| 1970 | .19     | .11      | 1.95  | .85   | 1.41 | .38  | 3.21 | .70    | 1.69      | 2.18    | .59      | .00      | 13.26 |
| 1971 | .29     | .84      | .64   | .94   | 1.58 | .31  | 4.47 | 1.31   | 1.27      | 1.20    | .81      | .62      | 14.28 |
| 1972 | .50     | .11      | 1.04  | .28   | 1.16 | 1.82 | .90  | 2.60   | .89       | 1.77    | 1.16     | .24      | 12.47 |
| 1973 | .68     | .10      | 2.49  | 1.00  | 1.33 | .79  | 3.33 | .20    | 1.27      | .79     | .29      | 1.81     | 14.08 |
| 1974 | .57     | .44      | 1.05  | .40   | 1.22 | .49  | .74  | .36    | .61       | 1.03    | .74      | .79      | 8.44  |
| 1975 | .50     | .25      | 1.16  | .31   | .51  | 1.14 | .74  | 1.71   | .90       | .28     | .99      | .40      | 8.89  |
| 1976 | .54     | .03      | .79   | 1.25  | .82  | .57  | 1.42 | .87    | 1.57      | 1.64    | .81      | .23      | 10.54 |
| 1977 | .06     | .76      | .34   | 1.69  | 2.10 | 1.12 | 4.95 | 2.40   | .89       | .06     | .89      | .11      | 15.37 |
| 1978 | .46     | .53      | .45   | .15   | 3.09 | 3.96 | 1.53 | 1.23   | .62       | .44     | .17      | .47      | 13.10 |
| 1979 | .62     | .07      | 1.40  | .49   | 4.88 | 2.17 | 2.46 | 4.00   | 1.83      | 1.19    | .89      | .76      | 20.76 |
| 1980 | .65     | .12      | .67   | 3.52  | 2.05 | .17  | .57  | 1.73   | 2.49      | .13     | .56      | .36      | 13.02 |



Table 40.--Precipitation, in inches, for station 8501, Twin Lakes Reservoir

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | 0.10    | 0.21     | 0.00  | 1.60  | 1.35 | 0.82 | 3.07 | 0.85   | 0.65      | 1.75    | 0.00     | 0.05     | 10.45 |
| 1949 | --      | --       | --    | --    | --   | --   | --   | --     | 1.02      | 1.20    | 0.02     | 0.03     | --    |
| 1950 | 0.99    | 0.56     | 0.65  | 1.24  | 0.38 | 0.41 | 0.56 | 0.45   | 0.83      | 0.28    | 0.41     | 0.74     | 7.50  |
| 1951 | 1.00    | .17      | .03   | .80   | .56  | .67  | .49  | 1.68   | .60       | .66     | .32      | 4.87     | 11.85 |
| 1952 | 1.01    | .07      | .93   | .99   | .61  | .51  | 3.46 | 3.09   | .75       | .00     | .61      | .23      | 12.26 |
| 1953 | .05     | .90      | .90   | .80   | 2.01 | .44  | --   | --     | --        | --      | --       | --       | --    |
| 1954 | --      | --       | --    | --    | --   | --   | --   | --     | --        | --      | --       | --       | --    |
| 1955 | .31     | 2.07     | .91   | .21   | 1.13 | .02  | 3.20 | 3.37   | .15       | .20     | .45      | .14      | 12.16 |
| 1956 | 2.22    | 1.16     | .80   | --    | .87  | --   | --   | --     | --        | .71     | .37      | .72      | --    |
| 1957 | 1.81    | .19      | .15   | 1.63  | 3.34 | .23  | 1.32 | 1.63   | .00       | .26     | .65      | .19      | 11.40 |
| 1958 | .05     | .00      | .58   | 1.34  | .25  | --   | --   | --     | --        | .07     | .29      | .07      | --    |
| 1959 | .56     | .72      | .21   | .31   | .52  | .46  | .24  | .79    | 1.62      | 1.03    | .04      | .11      | 6.61  |
| 1960 | .41     | .77      | .26   | .13   | .65  | 1.14 | .82  | .10    | .76       | .89     | .09      | .71      | 6.73  |
| 1961 | .02     | .29      | .80   | .87   | .70  | .17  | .75  | 1.91   | 2.43      | 2.10    | .65      | .37      | 11.06 |
| 1962 | 1.58    | .77      | .15   | 1.11  | .40  | .02  | .03  | .40    | .41       | .67     | .21      | .45      | 6.20  |
| 1963 | .59     | .40      | .55   | .14   | .26  | 1.22 | .71  | 2.17   | .98       | .92     | .16      | .39      | 8.49  |
| 1964 | .09     | .37      | .54   | .76   | .53  | .41  | .57  | 1.61   | .33       | .10     | 1.38     | 1.01     | 7.70  |
| 1965 | .37     | .42      | 1.65  | .72   | .33  | 1.27 | 1.18 | 1.68   | 1.08      | .80     | .65      | .56      | 10.71 |
| 1966 | .03     | .42      | .12   | .75   | .61  | .29  | 1.33 | 1.00   | .45       | .24     | .62      | 1.84     | 7.70  |
| 1967 | .24     | .46      | .06   | .25   | 1.22 | 1.68 | 1.14 | 2.36   | 1.04      | .29     | .20      | 1.24     | 10.18 |
| 1968 | .06     | .53      | .38   | .36   | .30  | .20  | 2.85 | 2.98   | .64       | .36     | .15      | .23      | 9.04  |
| 1969 | 1.16    | .12      | .08   | .20   | 2.64 | 2.11 | 1.62 | 1.07   | 1.06      | 2.27    | .05      | .84      | 13.22 |
| 1970 | .03     | .01      | .83   | .40   | .03  | .84  | 1.68 | 2.22   | 3.02      | .66     | .34      | .32      | 10.38 |
| 1971 | .22     | .72      | .46   | .54   | .30  | .48  | 1.34 | 1.67   | .95       | .94     | .39      | .82      | 8.83  |
| 1972 | .43     | .19      | .48   | .44   | .57  | .81  | .41  | 1.07   | .97       | .35     | .48      | .59      | 6.79  |
| 1973 | .01     | .03      | 1.10  | .46   | .98  | .63  | 2.01 | 1.06   | .26       | .11     | .12      | .58      | 7.35  |
| 1974 | .93     | .04      | .62   | .12   | .01  | .48  | 1.24 | .83    | .46       | 1.13    | .27      | .37      | 6.50  |
| 1975 | .37     | .32      | 1.52  | .27   | .80  | .36  | .46  | .96    | .22       | .24     | .70      | .18      | 6.40  |
| 1976 | .03     | .39      | 1.37  | .93   | .71  | .36  | 2.21 | 1.30   | 2.46      | .02     | .35      | .00      | 10.13 |
| 1977 | .00     | .89      | .20   | 1.19  | .35  | .34  | 2.19 | 1.29   | .53       | .46     | .42      | 1.74     | 9.60  |
| 1978 | .83     | .26      | .10   | .76   | 1.10 | .45  | .81  | .35    | .22       | .94     | .59      | .73      | 7.14  |
| 1979 | .86     | .22      | .84   | .09   | 1.95 | 1.75 | .51  | 1.22   | .41       | .73     | 1.79     | .10      | 10.47 |
| 1980 | 1.27    | .91      | .59   | 1.22  | 1.64 | .03  | .72  | .67    | .81       | .54     | .20      | .13      | 8.73  |

Table 41.--Precipitation, in inches, for station 8781, Walsenburg (power plant)

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1934 | --      | --       | --    | 1.19  | 0.38 | 0.40 | 1.90 | 1.75   | 0.94      | 0.15    | 0.69     | 0.20     | --    |
| 1935 | 0.00    | 0.41     | 0.13  | 1.53  | 3.59 | 0.52 | 0.57 | 1.80   | 2.44      | 0.74    | 0.21     | 0.03     | 11.97 |
| 1936 | .41     | .05      | .11   | .41   | --   | --   | --   | --     | 1.65      | 2.30    | .35      | .24      | --    |
| 1937 | .03     | .38      | 1.32  | .77   | 1.88 | 2.48 | .23  | 1.58   | 1.00      | .70     | .70      | .82      | 11.89 |
| 1938 | .32     | .56      | 1.03  | 2.04  | 2.07 | 2.39 | 2.50 | 1.34   | 1.10      | 1.60    | .74      | .50      | 16.19 |
| 1939 | --      | --       | --    | .64   | 1.12 | .01  | .29  | .71    | .43       | .08     | .29      | .22      | --    |
| 1940 | .86     | 2.48     | 1.96  | 2.89  | 2.60 | .02  | 1.47 | .66    | 2.40      | .18     | 2.78     | .90      | 19.20 |
| 1941 | .63     | .50      | 3.39  | 3.37  | 2.48 | 1.90 | 2.47 | 1.21   | 5.20      | 4.01    | .17      | .81      | 26.14 |
| 1942 | .33     | 1.27     | 2.49  | 7.85  | .47  | .63  | .87  | 1.60   | 1.97      | --      | .10      | 1.29     | --    |
| 1943 | --      | --       | --    | 1.85  | 2.60 | .32  | .24  | 2.59   | .18       | .03     | .26      | 1.63     | --    |
| 1944 | 1.52    | .11      | 1.47  | 4.09  | 2.23 | .55  | 1.32 | .48    | .00       | .61     | .38      | .85      | 13.61 |
| 1945 | .46     | .71      | .78   | 1.89  | 1.22 | .83  | 1.87 | 1.60   | 1.65      | 1.49    | .20      | .33      | 13.03 |
| 1946 | .62     | .40      | 1.81  | 1.20  | .98  | .00  | 4.34 | 2.96   | .12       | 1.05    | 3.04     | .10      | 16.62 |
| 1947 | .61     | .73      | 1.20  | 1.90  | 3.61 | 1.90 | --   | --     | .23       | .71     | .23      | --       | --    |
| 1948 | 2.62    | 1.32     | 2.39  | --    | 1.50 | 1.33 | .29  | 2.30   | .19       | .10     | .20      | .18      | --    |
| 1949 | .97     | .02      | 1.94  | 1.91  | 3.77 | 2.95 | 1.35 | .59    | .31       | 1.28    | .40      | .04      | 15.53 |
| 1950 | .05     | .90      | .50   | 1.87  | .83  | 1.15 | 3.57 | .65    | 1.40      | .42     | .52      | .10      | 11.96 |
| 1951 | .67     | .32      | 1.48  | 2.01  | 2.59 | .69  | 1.10 | 3.08   | .55       | .65     | 1.34     | .58      | 15.06 |
| 1952 | .14     | .60      | .65   | 2.79  | 3.15 | .37  | 1.10 | 1.50   | .91       | .02     | .95      | .50      | 12.68 |
| 1953 | .05     | .78      | .64   | .75   | 2.78 | .65  | .94  | .93    | .00       | .36     | .91      | 1.09     | 9.88  |
| 1954 | .31     | .37      | 1.01  | .45   | 2.58 | .00  | 2.38 | 1.21   | .09       | .75     | .45      | .68      | 10.28 |
| 1955 | .15     | 1.24     | .83   | 1.17  | 6.20 | .27  | 1.50 | 2.92   | .24       | .59     | .70      | .12      | 15.93 |
| 1956 | .83     | .75      | 1.23  | 1.25  | 2.53 | .71  | 1.57 | .79    | .00       | .00     | 1.16     | .55      | 11.37 |
| 1957 | .70     | .04      | .89   | 5.64  | 5.33 | 2.82 | 1.56 | 1.06   | .20       | .88     | 1.88     | .06      | 21.06 |
| 1958 | .78     | .61      | 2.42  | 2.05  | .83  | 1.15 | .91  | 1.12   | .23       | .69     | .45      | .90      | 12.14 |
| 1959 | 1.21    | .62      | 1.89  | 1.73  | 2.01 | .98  | .40  | 1.39   | .80       | 2.44    | .90      | .61      | 14.98 |
| 1960 | 1.57    | 2.09     | .60   | 1.09  | .52  | .46  | 3.63 | .74    | 1.36      | 3.90    | .29      | .90      | 17.15 |
| 1961 | .18     | 1.68     | 1.63  | 2.39  | 2.06 | 2.15 | 2.25 | 3.34   | 1.04      | 1.25    | .84      | .78      | 19.59 |
| 1962 | .63     | .36      | 1.65  | 1.28  | .44  | .57  | .94  | .38    | .70       | 1.67    | .72      | .38      | 9.72  |
| 1963 | .80     | 1.21     | .90   | .00   | .36  | 1.71 | .94  | 3.20   | 3.29      | 1.38    | .20      | .74      | 14.73 |
| 1964 | .48     | 2.28     | 1.25  | .84   | 1.62 | .97  | .96  | 1.63   | 1.04      | .04     | .79      | 1.00     | 12.90 |
| 1965 | .09     | 1.28     | 1.32  | 3.63  | .38  | 3.09 | 6.06 | 1.87   | 1.33      | .53     | .00      | .22      | 19.80 |
| 1966 | .73     | .70      | .21   | 1.45  | .74  | .95  | 4.46 | 3.67   | .75       | .14     | .39      | .50      | 14.69 |
| 1967 | .86     | 1.61     | .51   | 3.00  | 2.36 | 2.50 | 1.27 | 1.89   | .82       | 1.25    | .82      | 1.77     | 18.66 |
| 1968 | .48     | 1.44     | 1.45  | 2.70  | 1.73 | .14  | 6.97 | 1.74   | 1.42      | .82     | .76      | .40      | 20.05 |
| 1969 | .05     | .62      | 1.53  | .98   | 2.12 | 2.37 | 1.27 | 3.05   | .71       | 2.79    | .71      | 1.03     | 17.23 |
| 1970 | .22     | .34      | 1.90  | 2.40  | .37  | 1.25 | 1.83 | .19    | 1.97      | 2.78    | .65      | .02      | 13.92 |
| 1971 | .44     | 1.11     | .70   | 1.14  | 1.14 | .62  | 3.09 | 2.47   | 1.35      | .46     | .93      | .45      | 13.90 |
| 1972 | .71     | .26      | 2.61  | .71   | 1.05 | 1.57 | .95  | .50    | 1.11      | 1.05    | 2.19     | .75      | 13.46 |
| 1973 | .28     | .10      | 2.15  | 2.04  | 2.87 | .46  | 2.47 | 1.13   | .75       | 1.10    | .77      | 2.97     | 17.09 |
| 1974 | 1.51    | 1.08     | .72   | .37   | .09  | .96  | 2.50 | .77    | 1.03      | 1.03    | .81      | .73      | 11.60 |
| 1975 | .67     | .39      | .92   | .90   | .65  | 1.09 | 1.61 | 2.21   | .88       | .66     | 2.22     | .31      | 12.51 |
| 1976 | .47     | .10      | 1.51  | .88   | .82  | .09  | 2.43 | 3.34   | 2.64      | 2.60    | .62      | .56      | 16.06 |
| 1977 | .08     | 1.10     | .31   | 1.32  | .70  | .03  | 3.67 | 2.42   | .49       | .06     | 1.40     | .00      | 11.58 |
| 1978 | .43     | .37      | 1.53  | .02   | 2.31 | 1.81 | 2.99 | 1.85   | .17       | .91     | .53      | 1.17     | 14.09 |
| 1979 | 1.19    | .24      | 1.65  | 1.31  | 3.11 | 1.76 | .59  | 2.95   | 1.55      | 1.07    | 1.25     | 1.17     | 17.84 |
| 1980 | .55     | .22      | 2.04  | 5.33  | 3.29 | .37  | .81  | 1.96   | 1.40      | .10     | 1.15     | .13      | 17.35 |

Table 42.--Precipitation, in inches, for station 8931, Westcliffe

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Total |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| 1920 | 0.22    | 0.35     | 0.26  | 2.41  | 1.79 | 0.26 | 2.77 | 2.85   | 0.32      | 1.23    | 0.13     | 0.58     | 13.17 |
| 1933 | .02     | .54      | .77   | 8.34  | 2.25 | 6.02 | 5.97 | 4.11   | 2.62      | .41     | .98      | 2.22     | 34.25 |
| 1934 | .17     | 2.12     | .73   | 2.08  | 1.53 | .12  | 1.53 | 3.29   | 1.25      | .01     | .86      | .53      | 14.22 |
| 1935 | .16     | .82      | .53   | 4.96  | 5.40 | 1.42 | 3.83 | 4.38   | 3.88      | 2.19    | .37      | .11      | 28.05 |
| 1936 | .88     | .39      | .36   | .79   | 8.14 | 3.34 | 4.09 | 7.09   | 5.26      | 2.74    | 1.03     | 1.37     | 35.48 |
| 1937 | 1.22    | 2.20     | 3.45  | 3.63  | 1.47 | .60  | 2.29 | 2.54   | .92       | .84     | .09      | .78      | 20.03 |
| 1938 | 2.32    | 2.94     | 5.24  | 2.83  | 3.05 | 1.59 | 2.40 | 2.76   | 2.89      | .82     | 1.51     | 1.79     | 30.14 |
| 1939 | 2.42    | 1.30     | 1.61  | 1.54  | 1.59 | .05  | 1.37 | 4.75   | .46       | .09     | 1.12     | .19      | 16.49 |
| 1940 | 1.76    | 1.30     | .38   | 2.43  | 2.21 | 1.57 | 1.03 | 1.67   | 2.76      | .48     | 2.04     | 1.68     | 19.31 |
| 1941 | .51     | .36      | 3.43  | 3.05  | 2.35 | 2.97 | 3.29 | .85    | 1.77      | 3.02    | .13      | .61      | 22.34 |
| 1942 | .40     | 1.83     | 2.22  | 7.97  | .47  | .61  | 1.96 | 1.69   | 1.14      | 1.15    | .35      | 1.08     | 20.87 |
| 1943 | .58     | .88      | .97   | 1.00  | .90  | 1.20 | 1.75 | 2.70   | .13       | .45     | .89      | 1.22     | 12.67 |
| 1944 | .93     | .35      | 2.40  | 4.30  | 1.50 | 1.05 | 1.25 | .85    | .12       | .66     | .40      | 1.00     | 14.81 |
| 1945 | .50     | .60      | .50   | 3.10  | .40  | 1.15 | 2.99 | 4.21   | .63       | 1.05    | .10      | .32      | 15.55 |
| 1946 | .16     | .58      | .68   | 1.82  | 1.78 | .78  | 1.28 | 3.44   | .03       | 1.59    | 4.40     | .00      | 16.54 |
| 1947 | .23     | .35      | .72   | 2.20  | 2.04 | 1.10 | --   | 3.47   | .98       | 1.00    | .45      | .55      | --    |
| 1948 | 1.35    | 1.40     | 2.77  | 1.22  | 1.40 | 1.12 | .22  | 1.05   | .57       | .47     | .15      | .37      | 12.09 |
| 1949 | .86     | .22      | .58   | 1.46  | 2.75 | 1.07 | 3.41 | .78    | .72       | .63     | .00      | .00      | 12.48 |
| 1950 | .15     | .55      | .30   | .55   | .75  | 1.78 | 4.04 | --     | .18       | .18     | .10      | .08      | --    |
| 1951 | .93     | .44      | 1.18  | 1.91  | .91  | .18  | 1.72 | 1.00   | .46       | 1.00    | 1.11     | .67      | 11.51 |
| 1952 | .21     | .47      | .55   | 3.08  | 1.89 | .06  | 3.03 | 1.69   | .91       | .00     | 1.01     | .30      | 13.20 |
| 1953 | .14     | .30      | .87   | 1.36  | 2.38 | .32  | 4.10 | --     | .06       | .95     | 1.15     | .88      | --    |
| 1954 | .21     | .45      | .73   | .28   | 1.68 | 1.21 | 2.19 | 1.09   | 1.04      | .59     | .52      | .53      | 10.52 |
| 1955 | .25     | 1.10     | .24   | 1.56  | 6.16 | .33  | 1.56 | 3.44   | .60       | .12     | .34      | .30      | 16.00 |
| 1956 | 1.20    | .30      | .96   | 3.51  | 1.02 | .12  | 1.55 | 1.52   | .03       | .35     | 1.21     | .92      | 12.69 |
| 1957 | .85     | .28      | 1.36  | 3.55  | 5.66 | 1.58 | 3.27 | 2.23   | .77       | .70     | 3.03     | .00      | 23.28 |
| 1958 | .82     | .04      | 1.56  | 1.43  | 1.24 | .59  | .29  | 3.10   | .80       | 1.56    | .56      | .34      | 12.33 |
| 1959 | 1.16    | .63      | 1.66  | 2.56  | 2.16 | 1.42 | .92  | 3.08   | 2.91      | 4.35    | .13      | .34      | 21.32 |
| 1960 | .86     | 1.37     | .72   | .75   | .93  | .60  | 3.50 | 1.38   | 1.87      | 2.37    | .37      | .93      | 15.65 |
| 1961 | .26     | 2.07     | 2.27  | .85   | 1.50 | 2.19 | 2.31 | 3.66   | 1.87      | 1.73    | .49      | 1.17     | 20.37 |
| 1962 | .34     | .25      | .45   | 1.76  | .16  | .41  | 1.72 | .38    | 1.19      | .77     | 1.00     | .42      | 8.85  |
| 1963 | .56     | .23      | 1.33  | .09   | .08  | .91  | 1.52 | 2.56   | .62       | .92     | .20      | .74      | 9.76  |
| 1964 | .26     | 1.94     | 1.53  | .70   | 1.18 | .62  | 4.68 | 1.72   | 1.02      | .13     | 3.04     | .88      | 17.70 |
| 1965 | .21     | .70      | 2.23  | 1.71  | .40  | 3.27 | 5.03 | 2.17   | 2.44      | 1.27    | .20      | .55      | 20.18 |
| 1966 | .43     | .43      | .00   | .95   | .51  | .79  | 1.87 | 7.69   | .65       | .47     | .13      | .70      | 14.62 |
| 1967 | .43     | 1.19     | .31   | 1.18  | 2.45 | 1.05 | 4.11 | 5.79   | .71       | 1.75    | .11      | 2.81     | 21.89 |
| 1968 | .26     | .48      | 1.24  | 1.59  | .86  | .07  | 3.11 | 4.11   | .62       | .75     | 1.40     | .67      | 15.16 |
| 1969 | .03     | .13      | 1.46  | .58   | 2.60 | 2.88 | 2.25 | 2.84   | 1.51      | 3.64    | .21      | 1.02     | 19.15 |
| 1970 | .17     | .07      | 3.99  | 1.41  | .98  | 1.03 | 1.55 | 2.55   | 2.31      | 2.57    | .86      | .07      | 17.56 |
| 1971 | .89     | 1.01     | .32   | .83   | 2.21 | .23  | 2.80 | 1.50   | 1.40      | .96     | .37      | .62      | 13.14 |
| 1972 | .40     | .12      | 1.04  | .15   | .70  | 1.51 | .79  | 3.15   | 1.02      | 2.03    | .94      | .77      | 12.62 |
| 1973 | .32     | .14      | 1.09  | .84   | 1.35 | .37  | 2.39 | 1.31   | .83       | .62     | .06      | .71      | 10.03 |
| 1974 | .77     | .24      | .68   | .40   | .49  | .50  | .87  | 1.34   | 1.77      | 1.31    | 1.23     | 1.09     | 10.69 |
| 1975 | .33     | .81      | 1.06  | 1.36  | 1.02 | 1.32 | 1.97 | 1.33   | 1.08      | .53     | 1.44     | .24      | 12.49 |
| 1976 | .05     | .50      | .98   | .72   | 1.30 | 1.17 | 2.21 | 2.67   | 3.25      | 1.48    | .08      | .06      | 14.47 |
| 1977 | .22     | .74      | .23   | 1.63  | .21  | .54  | 2.22 | 3.10   | .76       | .08     | .86      | .03      | 10.62 |
| 1978 | .46     | .10      | .91   | .31   | 1.24 | .64  | 1.93 | 1.10   | .38       | 1.21    | 1.20     | 2.95     | 12.43 |
| 1979 | .77     | .12      | 1.41  | .21   | 3.29 | 1.82 | 1.02 | 2.06   | 1.21      | 1.32    | .95      | .66      | 14.84 |
| 1980 | .44     | .22      | 2.19  | 1.97  | 2.38 | .22  | 1.40 | .31    | .84       | .18     | .51      | .01      | 10.67 |

Table 43.--*Water content of snowpack, in inches,  
for snow-survey course 5M07S, Apishapa*

[--, missing data]

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1962                        | 6.30     | --    | --    | --    |
| 1963                        | 3.50     | --    | --    | 0.00  |
| 1964                        | 3.70     | 10.10 | 12.70 | 5.20  |
| 1965                        | 5.70     | 6.70  | 9.40  | 4.00  |
| 1966                        | 5.90     | 4.50  | 3.40  | 1.60  |
| 1967                        | 2.30     | 3.90  | 1.80  | .00   |
| 1968                        | 6.60     | 8.20  | 11.80 | 12.30 |
| 1969                        | 3.30     | 3.90  | 8.60  | .00   |
| 1970                        | 3.20     | 5.80  | 9.00  | 10.00 |
| 1971                        | 5.70     | 6.10  | 3.90  | .00   |
| 1972                        | 3.60     | 4.40  | 1.20  | .00   |
| 1973                        | 7.30     | 8.00  | 10.00 | 17.40 |
| 1974                        | 9.30     | 11.20 | 10.20 | .00   |
| 1975                        | 5.30     | 6.90  | 10.60 | 5.70  |
| 1976                        | 5.50     | 5.90  | 8.40  | .00   |
| 1977                        | 4.20     | 4.50  | 6.50  | 2.40  |
| 1978                        | 4.20     | 4.40  | 8.00  | .00   |
| 1979                        | 6.00     | 5.60  | 9.40  | .00   |
| 1980                        | 6.70     | 8.00  | 10.50 | 11.90 |

Table 44.--Water content of snowpack, in inches,  
for snow-survey course 5L03, Bigelow Divide

[--, missing data]

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1962                        | --       | 5.70  | 5.90  | 1.40  |
| 1963                        | 3.10     | 4.20  | 5.10  | .00   |
| 1964                        | 3.00     | 7.90  | 9.90  | 6.30  |
| 1965                        | --       | 5.30  | 8.00  | 5.50  |
| 1966                        | --       | 2.00  | 2.30  | .00   |
| 1967                        | --       | 3.00  | 3.60  | .00   |
| 1968                        | --       | 8.70  | 11.20 | 12.10 |
| 1969                        | --       | 2.40  | 5.40  | .00   |
| 1970                        | 6.30     | 6.20  | 10.50 | 8.60  |
| 1971                        | 6.50     | 7.10  | 7.30  | 5.30  |
| 1972                        | 1.80     | 2.30  | 2.30  | .00   |
| 1973                        | 4.70     | 4.90  | 7.20  | 13.10 |
| 1974                        | 8.10     | 10.00 | 10.80 | 6.80  |
| 1975                        | 5.60     | 7.10  | 9.50  | 7.70  |
| 1976                        | 4.80     | 5.80  | 8.20  | 2.00  |
| 1977                        | 4.70     | 6.20  | 6.30  | 2.60  |
| 1978                        | 3.10     | 3.10  | 4.10  | .00   |
| 1979                        | 5.70     | 5.90  | 9.60  | 6.40  |
| 1980                        | 6.20     | 5.80  | 8.90  | 14.80 |

Table 45.--Water content of snowpack, in inches,  
for snow-survey course 5M06, Blue Lakes

[--, missing data]

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1962                        | 2.90     | 3.90  | --    | --    |
| 1963                        | 1.70     | --    | 0.00  | 0.00  |
| 1964                        | --       | 5.20  | 6.00  | .00   |
| 1965                        | 2.90     | 2.90  | 5.40  | 2.00  |
| 1966                        | 1.60     | 1.90  | .00   | .00   |
| 1968                        | --       | 6.80  | --    | --    |
| 1970                        | .00      | 2.60  | 4.20  | .60   |
| 1971                        | .00      | .90   | .00   | .00   |
| 1972                        | .00      | .00   | .60   | .00   |
| 1973                        | 4.10     | 3.60  | 6.20  | 11.30 |
| 1974                        | 6.20     | 6.90  | --    | --    |

Table 46.--*Water content of snowpack, in inches,  
for snow-survey course 5M05, Bourbon*

[--, missing data]

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1956                        | --       | 7.10  | 5.10  | 0.00  |
| 1957                        | 7.80     | 8.80  | 10.40 | .00   |
| 1958                        | --       | 6.20  | 8.90  | 8.50  |
| 1959                        | 4.70     | 4.70  | 6.80  | .00   |
| 1960                        | --       | 7.80  | 9.70  | .00   |
| 1961                        | --       | 5.20  | 9.70  | 4.80  |
| 1962                        | --       | 9.10  | 6.70  | 1.70  |
| 1963                        | --       | 3.80  | 3.60  | .00   |
| 1964                        | --       | 5.50  | 7.70  | .00   |
| 1965                        | --       | 8.00  | 9.90  | 5.30  |
| 1966                        | --       | 4.60  | 3.20  | .00   |
| 1967                        | --       | 5.80  | 3.20  | .00   |
| 1968                        | --       | 6.80  | 11.10 | 9.90  |
| 1969                        | 3.00     | 5.10  | 7.50  | .00   |
| 1970                        | 4.10     | 5.00  | 10.30 | 7.30  |
| 1971                        | 5.20     | 5.50  | 3.40  | .00   |
| 1972                        | 5.00     | 5.00  | 3.40  | .00   |
| 1973                        | 9.30     | 6.80  | 9.30  | 9.20  |
| 1974                        | 4.90     | 6.40  | 7.60  | .40   |
| 1975                        | 5.20     | 6.60  | 11.30 | 7.30  |
| 1976                        | 4.60     | 5.80  | 6.60  | .40   |
| 1977                        | 2.90     | 4.70  | 5.20  | .20   |
| 1978                        | 3.50     | 4.70  | 6.80  | .50   |
| 1979                        | 5.30     | 8.10  | 8.80  | .70   |
| 1980                        | 5.90     | 7.00  | 10.60 | 10.10 |

Table 47.--*Water content of snowpack, in inches,  
for snow-survey course 5M12, Cucharas Creek*

[--, missing data]

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1974                        | --       | --    | 10.70 | 4.20  |
| 1975                        | 5.80     | 8.20  | 12.90 | 10.90 |
| 1976                        | 6.30     | 6.80  | 10.00 | 4.70  |
| 1977                        | 4.50     | 5.40  | 6.90  | 4.50  |
| 1978                        | 4.40     | 5.10  | 8.30  | .00   |
| 1979                        | 6.60     | --    | 10.00 | 4.60  |
| 1980                        | 6.60     | --    | 11.10 | 14.60 |

Table 48.--*Water content of snowpack, in inches,  
for snow-survey course 6K17, East Fork*

[--, missing data]

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1952                        | --       | 14.50 | 16.70 | 13.40 |
| 1953                        | --       | --    | 7.40  | 9.80  |
| 1954                        | 5.30     | 5.20  | 6.20  | .00   |
| 1955                        | 3.40     | 4.90  | 8.00  | 2.10  |
| 1956                        | 9.20     | 12.00 | 12.30 | 10.30 |
| 1957                        | 7.50     | 9.70  | 12.00 | 14.60 |
| 1958                        | --       | 5.40  | 10.20 | 11.20 |
| 1959                        | 4.60     | 8.90  | 11.80 | 10.00 |
| 1960                        | 4.90     | 7.60  | 11.60 | 6.50  |
| 1961                        | 3.10     | 4.20  | 7.20  | 6.00  |
| 1962                        | 8.10     | 10.00 | 11.20 | 8.00  |
| 1963                        | 3.50     | 7.40  | 8.50  | 2.30  |
| 1964                        | 2.00     | 5.20  | 8.80  | 9.00  |
| 1965                        | 9.40     | 12.10 | 14.10 | 13.60 |
| 1966                        | 5.10     | 5.50  | 5.30  | 2.00  |
| 1967                        | 6.50     | 8.50  | 8.80  | 5.20  |
| 1968                        | 6.10     | 8.60  | 9.30  | 9.20  |
| 1969                        | 7.20     | 8.30  | 8.20  | 3.40  |
| 1970                        | 10.00    | 11.80 | 13.30 | 12.20 |
| 1971                        | 6.40     | 8.80  | 10.30 | 7.80  |
| 1972                        | 6.50     | 8.20  | 8.90  | 6.80  |
| 1973                        | 5.70     | 5.90  | 7.50  | 8.70  |
| 1974                        | 6.80     | 8.00  | 11.30 | 10.50 |
| 1975                        | 6.70     | 8.50  | 12.30 | 10.30 |
| 1976                        | 6.50     | 9.40  | 9.70  | 5.70  |
| 1977                        | 2.60     | 3.50  | 5.70  | 2.30  |
| 1978                        | 8.60     | 10.80 | 13.00 | 8.70  |
| 1979                        | 7.70     | 8.40  | 10.00 | 7.60  |
| 1980                        | 8.20     | 9.90  | 11.90 | 11.60 |

Table 49.--Water content of snowpack, in inches,  
for snow-survey course 6K07, Four Mile Park

[--, missing data]

| First of the month readings |          |       |       |      |
|-----------------------------|----------|-------|-------|------|
| Year                        | February | March | April | May  |
| 1936                        | --       | --    | 3.70  | 0.00 |
| 1937                        | --       | 1.40  | .00   | .00  |
| 1938                        | --       | --    | 2.50  | .00  |
| 1939                        | 2.40     | 3.90  | 2.90  | .00  |
| 1940                        | 2.00     | 3.10  | .70   | .00  |
| 1941                        | 2.50     | 3.50  | 4.70  | 2.40 |
| 1942                        | --       | --    | 4.70  | .00  |
| 1943                        | 3.00     | 3.90  | 3.40  | .00  |
| 1944                        | 1.10     | 2.00  | 4.40  | .00  |
| 1945                        | .00      | 1.60  | 1.50  | .00  |
| 1946                        | 4.70     | 1.70  | 1.00  | .00  |
| 1947                        | 2.50     | 4.50  | 5.00  | .00  |
| 1948                        | 3.50     | 3.70  | 7.80  | 1.40 |
| 1949                        | 2.50     | 2.40  | 2.10  | .00  |
| 1950                        | 2.00     | 2.40  | 3.60  | .00  |
| 1951                        | 4.50     | 6.30  | 6.30  | 1.20 |
| 1952                        | 6.60     | 6.60  | 7.50  | .80  |
| 1953                        | 1.80     | 3.00  | 1.50  | .00  |
| 1954                        | 2.30     | 2.80  | 2.90  | .00  |
| 1955                        | 1.70     | 4.20  | 2.50  | .00  |
| 1956                        | 3.30     | 4.20  | 3.40  | .80  |
| 1957                        | 5.70     | 6.20  | 7.30  | 6.50 |
| 1958                        | 2.70     | 4.50  | 5.10  | 2.50 |
| 1959                        | 2.90     | 4.90  | 6.90  | 1.40 |
| 1960                        | 1.00     | 2.40  | 4.50  | .00  |
| 1961                        | 2.70     | 3.60  | 4.50  | .40  |
| 1962                        | 7.70     | 9.70  | 8.00  | .30  |
| 1963                        | 1.70     | 2.90  | 2.10  | .00  |
| 1964                        | 1.50     | 2.40  | 4.00  | .30  |
| 1965                        | 7.30     | 8.30  | 11.80 | 6.60 |
| 1966                        | 4.40     | 3.90  | 1.00  | .00  |
| 1967                        | 6.30     | 6.50  | .60   | .00  |
| 1968                        | 3.40     | 6.40  | 5.00  | 2.50 |
| 1969                        | 4.40     | 4.40  | 5.60  | .00  |
| 1970                        | 5.70     | 6.70  | 8.70  | 7.20 |
| 1971                        | 3.20     | 3.90  | 4.70  | .30  |
| 1972                        | 4.20     | 5.70  | 3.60  | .00  |
| 1973                        | 3.90     | 4.30  | 5.00  | 1.90 |
| 1974                        | 3.50     | 5.10  | 5.30  | .20  |
| 1975                        | 4.20     | 6.20  | 10.40 | 5.10 |
| 1976                        | 3.50     | 5.30  | 6.90  | .40  |
| 1977                        | .60      | 1.80  | .60   | .00  |
| 1978                        | 4.60     | 5.10  | 5.60  | .00  |
| 1979                        | 7.10     | 7.20  | 8.40  | 2.00 |
| 1980                        | 4.50     | 7.70  | 10.00 | 6.80 |



Table 50.--*Water content of snowpack, in inches,  
for snow-survey course 6K08, Fremont Pass*

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1939                        | 10.90    | 15.70 | 19.60 | 20.00 |
| 1940                        | 5.80     | 9.80  | 11.40 | 15.60 |
| 1941                        | 4.80     | 7.80  | 14.00 | 17.70 |
| 1942                        | 8.10     | 12.90 | 15.60 | 19.20 |
| 1943                        | 12.40    | 15.30 | 20.10 | 17.60 |
| 1944                        | 4.60     | 7.40  | 10.90 | 14.70 |
| 1945                        | 5.20     | 8.60  | 12.50 | 15.60 |
| 1946                        | 11.40    | 13.30 | 15.40 | 13.00 |
| 1947                        | 9.00     | 13.40 | 17.30 | 22.00 |
| 1948                        | 9.40     | 13.60 | 17.30 | 20.70 |
| 1949                        | 10.50    | 12.80 | 15.60 | 14.90 |
| 1950                        | 8.60     | 11.60 | 16.20 | 19.20 |
| 1951                        | 15.20    | 19.80 | 22.90 | 27.70 |
| 1952                        | 16.90    | 19.60 | 23.00 | 23.00 |
| 1953                        | 9.50     | 12.20 | 17.20 | 17.40 |
| 1954                        | 8.40     | 9.80  | 13.00 | 12.00 |
| 1955                        | 6.50     | 8.60  | 14.00 | 14.20 |
| 1956                        | 14.60    | 18.20 | 19.80 | 23.60 |
| 1957                        | 11.60    | 14.30 | 18.20 | 24.00 |
| 1958                        | 9.30     | 13.30 | 15.90 | 21.50 |
| 1959                        | 8.60     | 12.90 | 16.90 | 17.70 |
| 1960                        | 9.80     | 14.20 | 19.60 | 19.20 |
| 1961                        | 6.70     | 7.40  | 14.30 | 16.00 |
| 1962                        | 15.00    | 18.20 | 21.10 | 21.20 |
| 1963                        | 6.00     | 10.60 | 12.70 | 12.60 |
| 1964                        | 5.90     | 6.80  | 11.50 | 15.30 |
| 1965                        | 12.80    | 16.90 | 20.90 | 23.80 |
| 1966                        | 7.80     | 8.60  | 9.70  | 10.30 |
| 1967                        | 10.00    | 13.90 | 16.00 | 19.50 |
| 1968                        | 9.50     | 13.10 | 16.50 | 19.80 |
| 1969                        | 10.50    | 12.70 | 13.20 | 14.70 |
| 1970                        | 14.60    | 17.00 | 19.90 | 22.80 |
| 1971                        | 10.80    | 14.90 | 19.40 | 17.70 |
| 1972                        | 10.40    | 12.60 | 15.80 | 18.90 |
| 1973                        | 9.60     | 10.20 | 13.30 | 17.40 |
| 1974                        | 11.00    | 13.20 | 17.50 | 21.20 |
| 1975                        | 10.60    | 13.40 | 18.20 | 20.70 |
| 1976                        | 11.00    | 14.40 | 16.90 | 17.90 |
| 1977                        | 4.00     | 6.20  | 10.40 | 12.70 |
| 1978                        | 15.30    | 18.80 | 23.40 | 23.80 |
| 1979                        | 10.80    | 13.60 | 16.60 | 17.00 |
| 1980                        | 13.30    | 15.80 | 21.40 | 23.40 |

Table 51.--Water content of snowpack, in inches,  
for snow-survey course 6L08, Garfield

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1960                        | 4.80     | 7.50  | 10.20 | 0.00  |
| 1961                        | 8.40     | 9.90  | 14.90 | 14.20 |
| 1962                        | 12.70    | 17.00 | 18.40 | 10.70 |
| 1963                        | 7.60     | 12.70 | 11.50 | 2.60  |
| 1964                        | 5.20     | 7.10  | 13.00 | 13.20 |
| 1965                        | 12.60    | 16.70 | 20.80 | 22.90 |
| 1966                        | 7.10     | 9.30  | 6.10  | 3.10  |
| 1967                        | 8.70     | 10.80 | 10.30 | 1.50  |
| 1968                        | 7.40     | 10.80 | 12.50 | 14.20 |
| 1969                        | 9.20     | 11.60 | 12.30 | 5.90  |
| 1970                        | 9.90     | 11.40 | 14.40 | 14.60 |
| 1971                        | 7.20     | 10.90 | 12.40 | 5.90  |
| 1972                        | 10.10    | 11.00 | 12.60 | 3.20  |
| 1973                        | 11.00    | 12.50 | 15.80 | 17.80 |
| 1974                        | 10.80    | 13.20 | 14.50 | 10.90 |
| 1975                        | 11.00    | 14.60 | 19.90 | 19.90 |
| 1976                        | 8.20     | 8.40  | 10.80 | 6.50  |
| 1977                        | 2.80     | 4.20  | 5.80  | .00   |
| 1978                        | 10.20    | 11.40 | 13.60 | 6.60  |
| 1979                        | 13.70    | 15.60 | 18.40 | 10.70 |
| 1980                        | 11.80    | 16.30 | 19.80 | 22.00 |

Table 52.--Water content of snowpack, in inches,  
for snow-survey course 5L04, Hermit Lake

[--, missing data]

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1969                        | 5.80     | 7.20  | 9.20  | 0.00  |
| 1970                        | 5.10     | 6.10  | 13.50 | 12.30 |
| 1971                        | 5.80     | 7.60  | 5.40  | --    |
| 1972                        | 6.40     | 6.60  | 2.40  | .00   |
| 1973                        | 9.80     | 8.60  | 9.80  | 10.40 |
| 1974                        | 9.00     | 9.80  | 9.60  | 3.90  |
| 1975                        | 7.30     | 12.00 | 16.10 | 18.00 |
| 1976                        | 4.40     | 7.00  | 7.80  | 2.70  |
| 1977                        | 2.80     | 3.20  | 3.40  | .00   |
| 1978                        | 5.40     | 5.60  | 7.50  | .00   |
| 1979                        | 13.40    | 13.20 | 14.80 | 7.50  |
| 1980                        | 6.00     | 9.10  | 10.70 | 11.30 |

Table 53.--*Water content of snowpack, in inches,  
for snow-survey course 6K04, Independence Pass*

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1936                        | 11.10    | 14.30 | 19.00 | 13.80 |
| 1937                        | 7.20     | 14.80 | 20.20 | 12.00 |
| 1938                        | 11.80    | 15.30 | 21.00 | 20.70 |
| 1939                        | 14.20    | 17.60 | 21.60 | 12.80 |
| 1940                        | 7.20     | 9.80  | 13.10 | 11.90 |
| 1941                        | 7.30     | 9.20  | 14.10 | 15.50 |
| 1942                        | 8.50     | 12.40 | 15.60 | 17.60 |
| 1943                        | 11.20    | 16.00 | 21.40 | 17.00 |
| 1944                        | 6.10     | 9.20  | 14.40 | 17.30 |
| 1945                        | 6.80     | 10.40 | 15.80 | 20.40 |
| 1946                        | 11.50    | 13.30 | 18.60 | 15.20 |
| 1947                        | 11.20    | 17.40 | 25.50 | 27.40 |
| 1948                        | 9.60     | 13.80 | 18.10 | 20.30 |
| 1949                        | 10.50    | 13.40 | 17.70 | 13.70 |
| 1950                        | 9.80     | 13.60 | 20.30 | 18.50 |
| 1951                        | 13.90    | 17.10 | 20.30 | 20.60 |
| 1952                        | 16.00    | 18.50 | 22.30 | 19.60 |
| 1953                        | 9.50     | 13.00 | 15.60 | 15.50 |
| 1954                        | 9.40     | 11.00 | 14.90 | 7.60  |
| 1955                        | 6.40     | 9.50  | 12.00 | 7.50  |
| 1956                        | 12.90    | 17.50 | 19.40 | 19.10 |
| 1957                        | 14.90    | 20.50 | 23.50 | 27.20 |
| 1958                        | 9.30     | 15.20 | 20.40 | 21.10 |
| 1959                        | 7.30     | 15.80 | 18.90 | 18.30 |
| 1960                        | 9.10     | 13.10 | 19.90 | 15.40 |
| 1961                        | 4.30     | 6.80  | 10.90 | 18.70 |
| 1962                        | 17.10    | 24.40 | 26.50 | 19.30 |
| 1963                        | 5.80     | 10.20 | 11.60 | 9.40  |
| 1964                        | 6.00     | 8.90  | 13.60 | 18.30 |
| 1965                        | 12.00    | 16.20 | 25.60 | 22.90 |
| 1966                        | 8.30     | 11.30 | 11.50 | 10.10 |
| 1967                        | 10.00    | 15.10 | 15.30 | 17.00 |
| 1968                        | 13.60    | 13.90 | 15.70 | 18.40 |
| 1969                        | 11.80    | 14.20 | 13.90 | 9.40  |
| 1970                        | 12.20    | 15.40 | 23.20 | 20.40 |
| 1971                        | 9.40     | 15.90 | 20.20 | 18.10 |
| 1972                        | 10.00    | 12.70 | 15.10 | 15.10 |
| 1973                        | 9.40     | 11.20 | 14.30 | 17.90 |
| 1974                        | 10.10    | 10.60 | 14.00 | 16.80 |
| 1975                        | 11.10    | 14.50 | 20.20 | 18.50 |
| 1976                        | 7.90     | 13.80 | 15.00 | 15.10 |
| 1977                        | 1.70     | 7.60  | 9.10  | 8.00  |
| 1978                        | 12.70    | 15.70 | 20.70 | 19.30 |
| 1979                        | 14.70    | 16.50 | 23.50 | 19.50 |
| 1980                        | 13.20    | 17.00 | 20.50 | 22.30 |

Table 54.--Water content of snowpack, in inches,  
for snow-survey course 5M1M, La Veta

[--, missing data]

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1938                        | --       | --    | 10.20 | 0.50  |
| 1939                        | --       | 10.30 | 7.20  | .00   |
| 1940                        | 3.00     | 7.70  | 5.50  | .00   |
| 1941                        | 6.40     | 8.00  | 13.00 | 13.80 |
| 1942                        | 2.50     | 3.70  | 7.20  | 11.30 |
| 1943                        | 5.10     | 5.70  | 4.70  | .00   |
| 1944                        | 3.70     | 6.80  | 9.80  | 11.30 |
| 1945                        | 5.70     | 9.00  | 11.40 | 8.70  |
| 1946                        | 3.30     | 4.60  | 4.90  | .00   |
| 1947                        | 7.00     | 8.00  | 8.20  | 5.00  |
| 1948                        | 7.00     | 10.80 | 14.60 | 3.10  |
| 1949                        | 6.80     | 8.60  | 9.40  | 2.00  |
| 1950                        | 3.40     | 4.90  | 4.20  | .00   |
| 1951                        | 3.50     | 4.60  | 5.50  | 1.00  |
| 1952                        | 15.80    | 18.00 | 18.30 | 4.50  |
| 1953                        | 6.90     | 8.90  | 5.70  | .00   |
| 1954                        | 6.10     | 6.10  | 7.70  | 1.00  |
| 1955                        | 3.40     | 7.10  | 4.40  | .00   |
| 1956                        | 8.50     | 8.40  | 3.50  | .00   |
| 1957                        | 12.40    | 13.90 | 9.80  | 5.20  |
| 1958                        | 5.00     | 6.10  | 7.10  | 2.20  |
| 1959                        | 5.30     | 6.70  | 7.10  | .80   |
| 1960                        | 5.20     | 7.00  | 7.50  | .00   |
| 1961                        | 2.80     | 6.60  | 10.00 | 5.00  |
| 1962                        | 9.60     | 9.10  | 9.20  | .00   |
| 1963                        | 5.20     | 5.40  | 5.60  | .00   |
| 1964                        | 4.20     | 7.80  | 10.60 | 5.40  |
| 1965                        | 8.90     | 11.10 | 13.40 | 5.10  |
| 1966                        | 6.40     | 8.30  | 5.60  | .00   |
| 1967                        | 3.70     | 4.70  | 1.90  | .00   |
| 1968                        | 6.40     | 8.90  | 10.20 | 8.90  |
| 1969                        | 4.80     | 7.00  | 10.40 | .00   |
| 1970                        | 5.00     | 5.00  | 7.20  | 4.30  |
| 1971                        | 4.60     | 6.20  | 2.40  | .00   |
| 1972                        | 7.50     | 8.40  | 2.60  | .00   |
| 1973                        | 7.50     | 7.30  | 13.20 | 17.50 |
| 1974                        | 9.90     | 12.70 | 10.30 | .00   |
| 1975                        | 6.60     | 8.50  | 13.40 | 7.30  |
| 1976                        | 3.40     | 6.00  | 7.70  | .00   |
| 1977                        | 4.70     | 6.30  | 6.70  | .00   |
| 1978                        | 4.40     | 5.10  | 7.70  | .00   |
| 1979                        | 10.30    | 12.40 | 14.10 | 5.80  |
| 1980                        | 6.40     | 9.60  | 12.00 | 14.10 |

Table 55.--*Water content of snowpack, in inches,  
for snow-survey course 6L04, Monarch Pass*

[--, missing data]

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1941                        | 10.00    | 13.10 | 19.40 | 24.50 |
| 1942                        | 8.90     | 13.60 | 19.00 | 23.70 |
| 1943                        | 13.00    | 16.70 | 20.80 | 11.10 |
| 1944                        | 6.70     | 8.80  | 14.50 | 21.30 |
| 1945                        | 8.20     | 11.30 | 17.10 | 20.90 |
| 1946                        | 10.80    | --    | 12.40 | 9.60  |
| 1947                        | 4.90     | 12.70 | 17.10 | 20.50 |
| 1948                        | 10.10    | 14.80 | 20.20 | 21.00 |
| 1949                        | 11.80    | 15.90 | 20.00 | 17.50 |
| 1950                        | 7.60     | 11.10 | 16.00 | 11.30 |
| 1951                        | 13.20    | 16.50 | 21.10 | 21.70 |
| 1952                        | 21.10    | 24.70 | 30.90 | 28.90 |
| 1953                        | 10.80    | 13.10 | 17.50 | 18.30 |
| 1954                        | 8.60     | 9.90  | 13.00 | 3.20  |
| 1955                        | 7.00     | 13.10 | 15.40 | 12.60 |
| 1956                        | 11.60    | 18.60 | 16.90 | 17.50 |
| 1957                        | 17.20    | 21.20 | 25.50 | 29.30 |
| 1958                        | 11.40    | 14.70 | 20.80 | 22.10 |
| 1959                        | 8.50     | 14.40 | 17.60 | 18.20 |
| 1960                        | 7.80     | 12.40 | 17.70 | 13.10 |
| 1961                        | 10.30    | 12.60 | 18.40 | 20.60 |
| 1962                        | 15.20    | 21.60 | 22.70 | 21.00 |
| 1963                        | 7.70     | 14.30 | 13.90 | 9.80  |
| 1964                        | 6.50     | 9.80  | 16.60 | 18.90 |
| 1965                        | 14.00    | 18.60 | 24.50 | 27.00 |
| 1966                        | 8.30     | 9.20  | 7.70  | 9.30  |
| 1967                        | 10.00    | 11.70 | 11.90 | 6.80  |
| 1968                        | 8.20     | 13.10 | 15.00 | 17.90 |
| 1969                        | 12.30    | 14.50 | 16.60 | 12.30 |
| 1970                        | 14.00    | 15.00 | 20.10 | 20.90 |
| 1971                        | 9.70     | 13.30 | 16.30 | 14.00 |
| 1972                        | 10.90    | 14.30 | 16.00 | 13.10 |
| 1973                        | 11.80    | 14.40 | 17.90 | 20.60 |
| 1974                        | 12.90    | 15.60 | 18.40 | 18.90 |
| 1975                        | 13.70    | 18.60 | 24.40 | 24.80 |
| 1976                        | 7.80     | 11.60 | 12.90 | 10.90 |
| 1977                        | 4.00     | 6.50  | 7.50  | 5.00  |
| 1978                        | 14.30    | 16.50 | 19.30 | 16.70 |
| 1979                        | 16.60    | 19.00 | 21.00 | 17.40 |
| 1980                        | 13.10    | 16.20 | 21.30 | 23.50 |

Table 56.--Water content of snowpack, in inches,  
for snow-survey course 6L3P, Porphry Creek  
[--, missing data]

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1940                        | 7.60     | 11.80 | 14.70 | 12.50 |
| 1941                        | 10.40    | 13.10 | 19.40 | 24.10 |
| 1942                        | 8.80     | 13.50 | 17.50 | 23.80 |
| 1943                        | 11.20    | 15.30 | 18.50 | 10.20 |
| 1944                        | 6.20     | 9.60  | 14.30 | 20.00 |
| 1945                        | 7.80     | 12.80 | 18.40 | 20.50 |
| 1946                        | 9.70     | --    | 12.20 | 7.60  |
| 1947                        | 7.10     | 11.10 | 16.00 | 18.90 |
| 1948                        | 9.00     | 12.70 | 17.70 | 19.40 |
| 1949                        | 10.90    | 14.80 | 20.20 | 17.00 |
| 1950                        | 7.00     | 10.30 | 14.20 | 11.30 |
| 1951                        | 11.10    | 15.70 | 19.20 | 23.20 |
| 1952                        | 17.90    | 21.00 | 25.40 | 24.60 |
| 1953                        | 9.20     | 12.10 | 17.00 | 17.90 |
| 1954                        | 7.60     | 9.20  | 10.10 | 4.00  |
| 1955                        | 6.50     | 12.10 | 12.50 | 10.30 |
| 1956                        | 11.20    | 15.40 | 17.40 | 16.90 |
| 1957                        | 17.70    | 20.00 | 23.00 | 28.60 |
| 1958                        | 9.80     | 14.80 | 19.70 | 21.90 |
| 1959                        | 7.50     | 12.90 | 15.40 | 17.70 |
| 1960                        | 7.30     | 14.50 | 20.20 | 15.60 |
| 1961                        | 9.00     | 11.80 | 15.80 | 17.90 |
| 1962                        | 15.60    | 19.80 | 22.10 | 19.90 |
| 1963                        | 7.60     | 13.00 | 15.00 | 10.00 |
| 1964                        | 9.10     | 13.00 | 18.60 | 21.50 |
| 1965                        | 13.40    | 17.40 | 23.70 | 24.30 |
| 1966                        | 8.80     | 10.70 | 10.50 | 10.90 |
| 1967                        | 10.50    | 11.60 | 12.00 | 9.90  |
| 1968                        | 7.00     | 12.20 | 15.50 | 17.10 |
| 1969                        | 10.50    | 13.70 | 15.40 | 12.90 |
| 1970                        | 14.10    | 15.40 | 18.80 | 19.60 |
| 1971                        | 9.50     | 13.50 | 16.60 | 16.50 |
| 1972                        | 10.50    | 11.00 | 14.40 | 11.50 |
| 1973                        | 13.20    | 15.60 | 18.70 | 22.50 |
| 1974                        | 13.60    | 16.10 | 18.40 | 20.00 |
| 1975                        | 13.00    | 17.80 | 22.60 | 25.00 |
| 1976                        | 8.50     | 11.00 | 14.10 | 13.40 |
| 1977                        | 4.50     | 5.80  | 8.00  | 8.20  |
| 1978                        | 14.10    | 17.50 | 22.10 | 21.30 |
| 1979                        | 17.00    | 18.50 | 22.40 | 18.50 |
| 1980                        | 11.40    | 15.90 | 21.10 | 23.30 |

Table 57.--*Water content of snowpack, in inches,  
for snow-survey course 6K02, Tennessee Pass*

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1936                        | 5.10     | 11.80 | 13.10 | 3.80  |
| 1937                        | .90      | 6.60  | 6.60  | 1.10  |
| 1938                        | 5.40     | 6.50  | 10.70 | 7.60  |
| 1939                        | 6.80     | 10.60 | 9.00  | 7.90  |
| 1940                        | 3.30     | 5.60  | 5.20  | 1.30  |
| 1941                        | 3.10     | 5.60  | 8.90  | 9.70  |
| 1942                        | 5.10     | 8.20  | 10.50 | 5.90  |
| 1943                        | 6.70     | 8.20  | 11.00 | .00   |
| 1944                        | 3.00     | 4.10  | 8.20  | 8.60  |
| 1945                        | 3.10     | 5.80  | 6.90  | 6.50  |
| 1946                        | 7.20     | 6.00  | 5.40  | .00   |
| 1947                        | 5.20     | 8.10  | 10.10 | 8.60  |
| 1948                        | 4.60     | 7.70  | 12.10 | 9.30  |
| 1949                        | 6.80     | 6.20  | 7.30  | 3.40  |
| 1950                        | 3.50     | 5.80  | 9.20  | 8.00  |
| 1951                        | 8.60     | 11.60 | 13.20 | 11.80 |
| 1952                        | 11.90    | 13.10 | 19.10 | 13.70 |
| 1953                        | 5.40     | 7.60  | 7.40  | 7.40  |
| 1954                        | 4.00     | 5.20  | 7.30  | .00   |
| 1955                        | 3.20     | 7.10  | 7.00  | .00   |
| 1956                        | 9.60     | 12.40 | 12.60 | 11.20 |
| 1957                        | 8.40     | 10.00 | 12.50 | 13.80 |
| 1958                        | 5.40     | 8.00  | 11.10 | 13.00 |
| 1959                        | 6.50     | 10.20 | 12.50 | 11.90 |
| 1960                        | 5.60     | 9.10  | 11.20 | 6.20  |
| 1961                        | 3.30     | 4.80  | 8.60  | 8.70  |
| 1962                        | 8.50     | 11.70 | 12.80 | 9.30  |
| 1963                        | 5.00     | 7.10  | 8.40  | 3.00  |
| 1964                        | 3.90     | 5.10  | 8.20  | 10.00 |
| 1965                        | 9.80     | 13.70 | 16.50 | 13.50 |
| 1966                        | 6.60     | 6.40  | 6.00  | 5.00  |
| 1967                        | 7.90     | 9.30  | 10.10 | 2.70  |
| 1968                        | 5.90     | 9.20  | 9.40  | 10.50 |
| 1969                        | 7.70     | 8.20  | 9.20  | 5.70  |
| 1970                        | 9.90     | 10.30 | 13.90 | 13.00 |
| 1971                        | 5.80     | 7.40  | 10.00 | 6.70  |
| 1972                        | 5.70     | 9.80  | 10.60 | 8.20  |
| 1973                        | 6.90     | 7.70  | 8.20  | 7.10  |
| 1974                        | 5.90     | 6.60  | 9.70  | 8.00  |
| 1975                        | 6.10     | 9.60  | 13.50 | 13.00 |
| 1976                        | 5.40     | 8.70  | 10.80 | 4.60  |
| 1977                        | 2.20     | 4.00  | 5.20  | .00   |
| 1978                        | 9.20     | 12.20 | 13.20 | 11.90 |
| 1979                        | 9.00     | 9.90  | 14.00 | 11.50 |
| 1980                        | 7.60     | 11.10 | 13.30 | 12.40 |

Table 58.--Water content of snowpack, in inches,  
for snow-survey course 6L12, Trout Creek Pass

| First of the month readings |          |       |       |      |
|-----------------------------|----------|-------|-------|------|
| Year                        | February | March | April | May  |
| 1967                        | 3.10     | 4.80  | 2.60  | 0.00 |
| 1968                        | 3.00     | 3.80  | 3.90  | 1.50 |
| 1969                        | 3.60     | 3.80  | 3.80  | .00  |
| 1970                        | 4.70     | 4.90  | 6.10  | 6.40 |
| 1971                        | 1.60     | 2.10  | 2.20  | .10  |
| 1972                        | 5.00     | 6.20  | 4.30  | .00  |
| 1973                        | 5.20     | 4.60  | 6.50  | 7.10 |
| 1974                        | 4.00     | 4.90  | 5.50  | .00  |
| 1975                        | 4.30     | 5.20  | 6.70  | 5.60 |
| 1976                        | 3.20     | 3.80  | 4.70  | .00  |
| 1977                        | .30      | 1.10  | .00   | .00  |
| 1978                        | 1.70     | 2.00  | 1.40  | .00  |
| 1979                        | 6.00     | 5.00  | 9.30  | 5.60 |
| 1980                        | 5.80     | 6.20  | 6.70  | 7.70 |



Table 59.--*Water content of snowpack, in inches,  
for snow-survey course 6K03S, Twin Lakes Tunnel*  
[--, missing data]

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1936                        | --       | --    | 12.70 | 8.30  |
| 1937                        | --       | --    | 6.90  | 4.90  |
| 1938                        | 8.10     | 10.40 | 11.70 | 11.00 |
| 1939                        | 7.20     | 9.60  | 10.20 | 8.60  |
| 1940                        | 5.00     | 7.60  | 7.20  | 3.60  |
| 1941                        | 4.50     | 6.40  | 9.80  | 9.30  |
| 1942                        | 5.90     | 7.80  | 10.40 | 11.10 |
| 1943                        | 7.20     | 10.10 | 12.80 | 5.20  |
| 1944                        | 3.60     | 5.40  | 8.30  | 10.30 |
| 1945                        | 4.10     | 7.10  | 7.20  | 10.80 |
| 1946                        | 7.10     | 7.10  | 11.10 | 11.30 |
| 1947                        | 7.40     | 9.10  | 13.10 | 14.10 |
| 1948                        | 6.10     | 10.20 | 10.80 | 11.30 |
| 1949                        | 6.80     | 9.20  | 10.70 | 7.30  |
| 1950                        | 4.30     | 8.00  | 9.60  | 6.50  |
| 1951                        | 10.80    | 13.30 | 14.50 | 11.10 |
| 1953                        | 6.70     | 7.60  | 8.50  | 7.30  |
| 1954                        | 4.90     | 7.00  | 9.60  | 3.30  |
| 1955                        | 4.80     | 5.50  | 6.90  | 4.20  |
| 1956                        | 6.90     | 8.70  | 11.20 | 9.30  |
| 1957                        | 6.80     | 12.10 | 14.20 | 15.70 |
| 1958                        | 5.60     | 12.10 | 15.10 | 12.40 |
| 1959                        | 4.90     | 9.20  | 12.00 | 8.30  |
| 1960                        | 7.00     | 8.00  | 10.20 | 7.80  |
| 1961                        | 3.10     | 4.30  | 6.80  | 9.70  |
| 1962                        | 12.10    | 16.90 | 18.50 | 10.80 |
| 1963                        | 4.50     | 5.50  | 7.10  | 4.80  |
| 1964                        | 2.60     | 5.00  | 7.40  | 8.50  |
| 1965                        | 8.30     | 11.70 | 17.60 | 15.50 |
| 1966                        | 4.80     | 6.00  | 6.80  | 4.00  |
| 1967                        | 7.00     | 10.00 | 8.50  | 8.80  |
| 1968                        | 5.70     | 8.50  | 8.90  | 10.30 |
| 1969                        | 6.20     | 6.80  | 7.60  | 5.50  |
| 1970                        | 7.60     | 10.90 | 11.00 | 12.20 |
| 1971                        | 5.00     | 7.70  | 10.30 | 9.90  |
| 1972                        | 5.50     | 10.80 | 12.60 | 12.10 |
| 1973                        | 6.10     | 6.00  | 9.90  | 12.90 |
| 1974                        | 7.90     | 8.50  | 11.60 | 12.10 |
| 1975                        | 4.40     | 11.50 | 14.80 | 13.40 |
| 1976                        | 5.30     | 8.40  | 10.00 | 8.60  |
| 1977                        | .90      | 2.50  | 3.50  | 3.60  |
| 1978                        | 10.00    | 12.90 | 11.40 | 15.70 |
| 1979                        | 11.70    | 13.40 | 17.00 | 13.20 |
| 1980                        | 9.80     | 12.60 | 13.00 | 15.30 |

Table 60.--Water content of snowpack, in inches,  
for snow-survey course 5L02, Westcliffe  
[--, missing data]

| First of the month readings |          |       |       |       |
|-----------------------------|----------|-------|-------|-------|
| Year                        | February | March | April | May   |
| 1953                        | --       | 3.80  | 2.80  | 0.00  |
| 1954                        | --       | 2.60  | 4.10  | 1.40  |
| 1955                        | --       | 6.20  | 2.90  | .00   |
| 1956                        | --       | 6.60  | 3.90  | .00   |
| 1957                        | --       | 9.60  | 9.30  | 6.90  |
| 1958                        | --       | 4.60  | 7.80  | 1.70  |
| 1959                        | --       | 7.00  | 7.40  | .00   |
| 1960                        | --       | 4.90  | 4.20  | .50   |
| 1961                        | --       | 5.10  | 8.20  | 1.10  |
| 1962                        | --       | 7.30  | 4.70  | .00   |
| 1963                        | --       | 3.70  | 1.80  | .00   |
| 1964                        | --       | 5.40  | 8.30  | .00   |
| 1965                        | --       | 7.50  | 11.40 | 3.40  |
| 1966                        | --       | 5.70  | .00   | .00   |
| 1967                        | --       | 6.00  | 3.70  | .00   |
| 1968                        | --       | 10.40 | 12.30 | 8.70  |
| 1969                        | 4.80     | 6.00  | 8.30  | .00   |
| 1970                        | 5.40     | 5.00  | 9.80  | 7.90  |
| 1971                        | 4.30     | 5.80  | 3.30  | .00   |
| 1972                        | 5.90     | 5.80  | 2.80  | .00   |
| 1973                        | 7.20     | 6.40  | 8.50  | 6.20  |
| 1974                        | 7.40     | 9.20  | 9.00  | .00   |
| 1975                        | 6.50     | 10.60 | 13.20 | 11.50 |
| 1976                        | 4.50     | 7.00  | 6.40  | .00   |
| 1977                        | 2.80     | 3.80  | 4.50  | .00   |
| 1978                        | 13.90    | 4.00  | 5.00  | .00   |
| 1979                        | 10.90    | 11.50 | 13.00 | 3.60  |
| 1980                        | 5.40     | 7.20  | 8.40  | 7.80  |

Table 61.--Mean discharge, in cubic feet per second, for station 07079500, East Fork Arkansas River near Leadville

| Year | [--, missing data] |          |       |       |      |      |      |        |           |         |          |          |
|------|--------------------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|
|      | January            | February | March | April | May  | June | July | August | September | October | November | December |
| 1913 | --                 | --       | --    | --    | --   | 105  | 59.1 | 21.8   | 27.0      | 12.4    | 6.00     | 5.00     |
| 1914 | 5.00               | 5.00     | 5.00  | 12.0  | 111  | 237  | 117  | 41.2   | 18.5      | 24.7    | 9.40     | 8.00     |
| 1915 | 8.00               | 7.00     | 7.00  | 9.83  | 62.5 | 144  | 60.1 | 30.3   | 18.0      | 22.1    | 12.0     | 11.0     |
| 1916 | 10.0               | 8.00     | 10.0  | 30.0  | 111  | 194  | 77.7 | 80.8   | 49.7      | 26.2    | 20.0     | 10.0     |
| 1917 | 9.00               | 8.00     | 7.00  | 6.00  | 14.5 | 242  | 119  | 29.7   | 8.57      | 5.94    | 5.00     | 5.00     |
| 1918 | 5.00               | 5.00     | 5.00  | 8.00  | 105  | 319  | 91.5 | 30.8   | 21.2      | 12.5    | 10.0     | 10.0     |
| 1919 | 10.0               | 10.0     | 13.0  | 16.0  | 45.0 | 104  | 67.6 | 36.0   | 24.3      | 17.8    | 12.0     | 10.0     |
| 1920 | 8.00               | 7.00     | 7.00  | 10.0  | 110  | 193  | 56.9 | 35.3   | 20.6      | 17.3    | 11.6     | 8.00     |
| 1921 | 8.00               | 8.00     | 8.00  | 8.00  | 80.2 | 292  | 83.2 | 40.9   | 33.8      | 13.5    | 15.0     | 14.0     |
| 1922 | 14.0               | 11.0     | 9.00  | 15.0  | 95.2 | 188  | 46.1 | 40.1   | 18.2      | 5.32    | 6.00     | 8.00     |
| 1923 | 10.0               | 10.0     | 10.0  | 9.13  | 109  | 253  | 119  | 66.7   | 33.9      | 28.0    | 23.0     | 10.0     |
| 1924 | 4.00               | 6.00     | 10.0  | 14.9  | 83.6 | 160  | 54.9 | 16.9   | 13.8      | --      | --       | --       |

Table 62.--Mean discharge, in cubic feet per second, for station 07081000, Tennessee Creek near Leadville

| Year | [--, missing data] |          |       |       |      |      |      |        |           |         |          |          |
|------|--------------------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|
|      | January            | February | March | April | May  | June | July | August | September | October | November | December |
| 1913 | --                 | --       | --    | --    | --   | 79.5 | 31.4 | 14.6   | 13.5      | 12.0    | 12.0     | 8.00     |
| 1914 | 7.00               | 8.00     | 8.00  | 63.5  | 221  | 204  | 73.4 | 25.0   | 13.4      | 11.1    | 10.0     | 5.00     |
| 1915 | 1.50               | 1.50     | 3.00  | 35.0  | 63.0 | 100  | 27.8 | 14.2   | 9.97      | 8.71    | 10.0     | 8.00     |
| 1916 | 6.00               | 8.00     | 15.0  | 50.0  | 122  | 113  | 54.3 | 38.8   | 23.8      | 10.8    | 8.03     | 7.00     |
| 1917 | 6.00               | 6.00     | 6.00  | 15.0  | 49.7 | 170  | 74.4 | 8.55   | 7.33      | 2.94    | 4.50     | 4.50     |
| 1918 | 5.00               | 10.0     | 12.0  | 20.0  | 150  | 301  | 56.5 | 14.6   | 12.5      | 9.24    | 11.5     | 9.00     |
| 1919 | 10.0               | 9.00     | 7.00  | 35.0  | 75.0 | 68.8 | 39.6 | 34.3   | 13.6      | 13.7    | 10.0     | 9.00     |
| 1920 | 8.00               | 7.00     | 7.00  | 15.0  | 160  | 179  | 62.5 | 28.8   | 15.6      | 10.4    | 5.98     | 8.00     |
| 1921 | 8.00               | 8.00     | 12.0  | 19.0  | 131  | 207  | 68.5 | 31.6   | 22.6      | 7.10    | 9.87     | 9.00     |
| 1922 | 9.00               | 9.00     | 10.0  | 18.0  | 159  | 122  | 33.3 | 26.4   | 8.57      | 2.29    | 4.00     | 7.00     |
| 1923 | 11.0               | 11.0     | 11.4  | 21.7  | 163  | 238  | 106  | 42.3   | 24.9      | 20.0    | 18.0     | 9.00     |
| 1924 | 6.00               | 8.00     | 8.00  | 52.6  | 125  | 163  | 41.9 | 9.32   | 5.90      | --      | --       | --       |

Table 63.--Mean discharge, in cubic feet per second, for station 07081200, Arkansas River near Leadville

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| 1967 | --      | --       | --    | --    | --   | --   | --   | --     | --        | 23.2    | 20.0     | 17.4     | --      |
| 1968 | 14.9    | 12.7     | 12.4  | 17.2  | 84.4 | 322  | 96.2 | 105    | 41.1      | 27.4    | 22.8     | 17.7     | 64.5    |
| 1969 | 11.8    | 11.4     | 12.4  | 49.1  | 238  | 250  | 119  | 51.6   | 36.1      | 33.1    | 24.4     | 19.1     | 71.3    |
| 1970 | 14.9    | 13.6     | 11.7  | 12.7  | 334  | 380  | 145  | 63.3   | 45.5      | 38.3    | 28.9     | 21.6     | 92.5    |
| 1971 | 17.1    | 16.6     | 20.8  | 52.7  | 134  | 338  | 138  | 57.8   | 43.0      | 27.3    | 24.8     | 16.6     | 73.9    |
| 1972 | 16.4    | 17.3     | 19.2  | 47.4  | 164  | 389  | 96.8 | 36.0   | 33.3      | 29.0    | 24.3     | 18.7     | 74.3    |
| 1973 | 15.6    | 20.5     | 18.5  | 15.4  | 135  | 377  | 193  | 57.4   | 27.3      | 20.6    | 16.6     | 11.7     | 75.7    |
| 1974 | 9.44    | 9.27     | 8.82  | 26.0  | 215  | 208  | 85.5 | 36.0   | 16.7      | 18.5    | 15.1     | 12.0     | 55.0    |
| 1975 | 13.0    | 13.2     | 12.7  | 14.7  | 89.3 | 283  | 231  | 58.8   | 31.0      | 27.5    | 11.6     | 15.1     | 66.7    |
| 1976 | 13.1    | 14.9     | 17.1  | 50.0  | 157  | 245  | 92.8 | 59.7   | 32.7      | 27.5    | 11.6     | 11.6     | 61.1    |
| 1977 | 9.15    | 9.38     | 9.52  | 25.8  | 91.7 | 114  | 35.9 | 23.8   | 17.5      | 16.5    | 12.4     | 11.6     | 31.4    |
| 1978 | 10.5    | 7.93     | 13.5  | 22.5  | 133  | 496  | 180  | 50.0   | 24.8      | 19.1    | 18.1     | 15.2     | 82.6    |
| 1979 | 13.7    | 12.4     | 13.7  | 20.6  | 230  | 542  | 194  | 60.8   | 27.4      | 26.9    | 20.9     | 13.0     | 97.9    |
| 1980 | 13.7    | 15.3     | 14.2  | 23.1  | 186  | 634  | 134  | 40.8   | 26.9      | 22.8    | 17.5     | 14.5     | 95.2    |

Table 64.--Mean discharge, in cubic feet per second, for station 07083000, Halfmoon Creek near Malta

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| 1951 | --      | --       | --    | --    | --   | --   | --   | --     | --        | 11.0    | 9.20     | 7.00     | --      |
| 1952 | 5.40    | 4.50     | 4.00  | 10.8  | 49.4 | 164  | 86.8 | 46.7   | 21.0      | 11.2    | 6.58     | 3.50     | 34.5    |
| 1953 | 2.20    | 1.70     | 1.40  | 5.38  | 28.6 | 130  | 81.9 | 40.7   | 12.0      | 7.49    | 6.67     | 5.50     | 27.0    |
| 1954 | 4.50    | 4.00     | 4.00  | 9.50  | 51.1 | 66.6 | 41.5 | 18.4   | 12.6      | 12.0    | 5.50     | 4.80     | 19.5    |
| 1955 | 4.70    | 4.40     | 3.90  | 8.36  | 35.8 | 84.4 | 46.5 | 29.2   | 12.4      | 6.23    | 5.71     | 5.00     | 20.5    |
| 1956 | 4.25    | 3.45     | 3.26  | 5.12  | 68.5 | 124  | 36.0 | 16.6   | 8.75      | 6.36    | 4.78     | 4.10     | 23.8    |
| 1957 | 2.96    | 3.75     | 3.54  | 4.97  | 24.1 | 166  | 239  | 72.4   | 20.0      | 11.4    | 8.76     | 5.40     | 46.9    |
| 1958 | 5.20    | 4.50     | 4.50  | 5.40  | 76.5 | 146  | 45.7 | 21.5   | 13.8      | 8.55    | 6.00     | 5.00     | 28.6    |
| 1959 | 3.00    | 3.00     | 3.30  | 5.56  | 32.3 | 162  | 63.8 | 29.7   | 13.3      | 13.1    | 13.0     | 8.00     | 29.2    |
| 1960 | 7.00    | 6.00     | 7.00  | 10.4  | 38.9 | 150  | 70.2 | 23.1   | 12.8      | 7.38    | 7.00     | 4.00     | 28.6    |
| 1961 | 3.00    | 3.00     | 4.00  | 7.00  | 48.4 | 97.7 | 37.3 | 37.1   | 44.3      | 24.5    | 16.6     | 6.61     | 27.5    |
| 1962 | 5.00    | 5.00     | 5.00  | 13.3  | 56.5 | 137  | 108  | 32.1   | 12.5      | 9.26    | 4.62     | 4.00     | 32.7    |
| 1963 | 3.00    | 4.50     | 4.00  | 6.38  | 54.6 | 70.6 | 34.4 | 31.0   | 15.3      | 8.22    | 5.70     | 4.00     | 20.1    |
| 1964 | 3.50    | 3.50     | 3.50  | 5.00  | 30.5 | 75.3 | 69.4 | 43.4   | 15.0      | 7.82    | 6.31     | 5.03     | 22.4    |
| 1965 | 4.92    | 4.23     | 4.11  | 6.15  | 40.8 | 138  | 183  | 62.7   | 25.2      | 17.6    | 11.3     | 8.32     | 42.2    |
| 1966 | 6.06    | 6.58     | 6.12  | 7.76  | 51.7 | 87.2 | 62.6 | 27.9   | 11.4      | 7.45    | 4.87     | 3.94     | 23.6    |
| 1967 | 3.43    | 2.91     | 3.59  | 7.18  | 38.1 | 97.2 | 57.4 | 23.1   | 21.0      | 10.2    | 6.30     | 4.34     | 22.9    |
| 1968 | 3.36    | 2.91     | 2.61  | 3.45  | 22.0 | 135  | 61.5 | 51.8   | 23.7      | 11.4    | 7.62     | 6.26     | 27.6    |
| 1969 | 4.51    | 4.15     | 3.53  | 9.25  | 61.4 | 79.2 | 64.3 | 30.6   | 20.8      | 15.1    | 8.47     | 6.33     | 25.6    |
| 1970 | 4.36    | 3.49     | 2.59  | 3.02  | 74.1 | 168  | 89.0 | 37.2   | 32.0      | 17.0    | 9.60     | 7.43     | 37.3    |
| 1971 | 4.13    | 2.81     | 2.80  | 4.23  | 30.1 | 142  | 81.3 | 31.3   | 21.0      | 9.78    | 6.35     | 6.84     | 28.6    |
| 1972 | 4.82    | 3.33     | 3.63  | 6.63  | 42.8 | 153  | 54.5 | 20.8   | 17.8      | 12.8    | 7.60     | 3.65     | 27.6    |
| 1973 | 2.85    | 2.62     | 2.12  | 2.70  | 32.7 | 119  | 98.9 | 28.5   | 11.6      | 7.49    | 5.02     | 3.94     | 26.5    |
| 1974 | 3.61    | 3.00     | 2.89  | 4.99  | 64.2 | 95.6 | 39.8 | 16.6   | 8.03      | 6.80    | 4.83     | 3.20     | 21.1    |
| 1975 | 3.38    | 2.89     | 2.62  | 3.02  | 24.1 | 95.6 | 134  | 36.0   | 13.0      | 7.28    | 5.66     | 3.63     | 27.6    |
| 1976 | 1.77    | 2.36     | 2.59  | 5.73  | 40.6 | 95.4 | 52.8 | 25.0   | 14.3      | 12.6    | 6.15     | 3.55     | 21.9    |
| 1977 | 1.65    | 2.31     | 2.45  | 6.36  | 26.5 | 61.2 | 22.9 | 15.7   | 10.1      | 7.42    | 5.30     | 4.15     | 13.8    |
| 1978 | 3.73    | 3.00     | 2.54  | 5.84  | 26.3 | 169  | 110  | 29.6   | 12.4      | 7.62    | 4.79     | 4.00     | 31.6    |
| 1979 | 3.57    | 3.21     | 2.54  | 4.63  | 49.0 | 159  | 110  | 35.3   | 13.9      | 7.85    | 5.98     | 5.65     | 33.4    |
| 1980 | 5.09    | 5.14     | 4.70  | 4.18  | 34.8 | 208  | 87.2 | 21.4   | 13.2      | 9.40    | 6.82     | 7.35     | 33.9    |

Table 65.--Mean discharge, in cubic feet per second, for station 07084500, Lake Creek above Twin Lakes Reservoir

| Year | [---, missing data] |          |       |       |     |       |      |        |           |         |          |          | Average |
|------|---------------------|----------|-------|-------|-----|-------|------|--------|-----------|---------|----------|----------|---------|
|      | January             | February | March | April | May | June  | July | August | September | October | November | December |         |
| 1946 | --                  | --       | --    | 80.3  | 229 | 1,030 | 294  | 80.2   | 42.0      | 32.3    | 20.0     | 13.0     | --      |
| 1947 | 12.0                | 18.0     | 30.0  | 35.0  | 394 | 901   | 737  | 207    | 106       | 67.0    | 37.0     | 17.0     | 213     |
| 1948 | 10.0                | 7.00     | 5.00  | 22.2  | 378 | 772   | 365  | 98.7   | 42.4      | 33.8    | 22.0     | 15.0     | 148     |
| 1949 | 14.0                | 11.0     | 9.00  | 32.0  | 233 | 886   | 600  | 115    | 70.0      | 45.0    | 33.0     | 18.0     | 172     |
| 1950 | 16.0                | 15.0     | 14.0  | 40.0  | 200 | 666   | 197  | 42.2   | 38.2      | 29.2    | 19.9     | 14.0     | 108     |
| 1951 | 11.0                | 8.00     | 7.00  | 17.0  | 276 | 838   | 500  | 155    | 47.4      | 34.0    | 20.0     | 19.0     | 161     |
| 1952 | 17.0                | 12.0     | 11.0  | 38.0  | 329 | 1,120 | 501  | 210    | 82.9      | 37.6    | 26.0     | 22.0     | 200     |
| 1953 | 18.0                | 16.0     | 18.0  | 19.0  | 145 | 785   | 384  | 147    | 39.4      | 22.6    | 23.3     | 22.0     | 137     |
| 1954 | 19.0                | 16.0     | 12.0  | 53.4  | 405 | 415   | 231  | 58.0   | 33.8      | 68.2    | 26.9     | 19.0     | 113     |
| 1955 | 17.0                | 16.0     | 15.0  | 40.0  | 255 | 538   | 225  | 130    | 37.5      | 21.1    | 18.7     | 18.0     | 111     |
| 1956 | 15.0                | 12.0     | 11.0  | 19.4  | 491 | 826   | 164  | 53.1   | 26.1      | 18.8    | 17.5     | 17.0     | 139     |
| 1957 | 15.0                | 13.0     | 14.0  | 25.0  | 108 | 1,000 | 939  | 287    | 89.8      | 44.7    | 37.6     | 32.0     | 217     |
| 1958 | 28.0                | 26.0     | 24.0  | 36.0  | 467 | 583   | 194  | 65.2   | 43.3      | --      | --       | --       | --      |
| 1959 | --                  | --       | --    | --    | --  | --    | --   | --     | --        | 49.8    | 35.7     | 26.0     | --      |
| 1960 | 22.0                | 18.0     | 19.0  | 50.5  | 303 | 1,140 | 378  | 104    | 41.5      | 27.3    | 20.3     | 15.0     | 178     |
| 1961 | 14.0                | 13.0     | 13.0  | 15.2  | 384 | 723   | 182  | 133    | 258       | 185     | 90.0     | 60.0     | 173     |
| 1962 | 35.0                | 35.0     | 40.0  | 104   | 415 | 975   | 648  | 193    | 88.1      | --      | --       | --       | --      |
| 1963 | --                  | --       | --    | --    | --  | --    | --   | --     | --        | 40.3    | 30.5     | 18.0     | --      |
| 1964 | 14.0                | 15.0     | 14.0  | 18.0  | 360 | 646   | 351  | 184    | 56.5      | 30.5    | 25.5     | 20.0     | 145     |
| 1965 | 20.0                | 20.0     | 18.0  | 45.0  | 214 | 1,150 | 898  | 275    | 138       | 84.9    | 49.2     | 36.9     | 246     |
| 1966 | 32.1                | 23.1     | 19.2  | 40.8  | 557 | 607   | 281  | 109    | 43.8      | 33.2    | 23.6     | 23.0     | 149     |
| 1967 | 21.0                | 20.0     | 25.0  | 35.0  | 370 | 997   | 482  | 112    | 81.7      | 56.1    | 31.0     | 24.0     | 188     |
| 1968 | 18.0                | 13.0     | 14.0  | 15.3  | 179 | 1,150 | 336  | 224    | 68.0      | 42.3    | 24.9     | 18.0     | 176     |
| 1969 | 11.7                | 12.4     | 10.4  | 44.4  | 558 | 704   | 460  | 116    | 64.0      | 48.4    | 37.0     | 23.3     | 174     |
| 1970 | 16.8                | 19.2     | 12.4  | 15.5  | 704 | 1,370 | 551  | 120    | 181       | 85.5    | 38.4     | 28.1     | 262     |
| 1971 | 14.2                | 12.2     | 11.7  | 34.9  | 201 | 1,180 | 536  | 127    | 83.0      | 38.2    | 19.3     | 12.2     | 189     |
| 1972 | 11.5                | 10.3     | 14.0  | 28.3  | 429 | 1,280 | 253  | 62.9   | 63.7      | 60.4    | 38.8     | 22.2     | 189     |
| 1973 | 13.7                | 12.5     | 11.4  | 11.3  | 233 | 1,050 | 595  | 155    | 69.3      | 35.2    | 21.0     | 17.8     | 185     |
| 1974 | 12.5                | 12.8     | 12.3  | 17.3  | 512 | 712   | 200  | 70.9   | 23.5      | 20.3    | 19.3     | 12.5     | 135     |
| 1975 | 11.0                | 9.96     | 8.76  | 11.4  | 131 | 807   | 852  | 157    | 43.2      | 20.4    | 17.2     | 15.9     | 179     |
| 1976 | 11.7                | 11.1     | 10.6  | 16.9  | 320 | 807   | 288  | 102    | 41.2      | 34.2    | 17.3     | 13.8     | 139     |
| 1977 | 12.9                | 10.4     | 7.40  | 21.2  | 227 | 426   | 81.3 | 54.1   | 36.3      | 22.8    | 17.4     | 12.3     | 77.4    |
| 1978 | 10.6                | 8.80     | 8.94  | 20.7  | 178 | 1,580 | 513  | 102    | 37.0      | 23.1    | 18.1     | 13.6     | 209     |
| 1979 | 11.7                | 12.3     | 11.1  | 23.2  | 290 | 1,050 | 455  | 153    | 49.1      | 21.8    | 15.9     | 15.0     | 176     |
| 1980 | 11.1                | 10.4     | 10.8  | 15.9  | 176 | 1,030 | 317  | 60.9   | 39.2      | 23.9    | 13.8     | 11.4     | 143     |

Table 66.--Mean discharge, in cubic feet per second, for station 07086000, Arkansas River at Granite

| [--, missing data] |         |          |       |       |       |       |       |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
| 1910               | --      | --       | --    | 366   | 991   | 1,180 | 476   | 212    | 166       | 105     | 93.2     | 75.2     | --      |
| 1911               | 77.4    | 70.4     | 85.8  | 166   | 716   | 1,400 | 795   | 499    | 219       | 197     | 119      | 49.4     | 366     |
| 1912               | 45.6    | 48.6     | 72.8  | 125   | 704   | 1,340 | 1,070 | 395    | 166       | 132     | 117      | 80.0     | 358     |
| 1913               | 70.0    | 65.0     | 129   | 192   | 859   | 917   | 621   | 299    | 199       | 151     | 123      | 75.0     | 388     |
| 1914               | 60.0    | 55.0     | 75.0  | 130   | 723   | 1,320 | 981   | 514    | 202       | 177     | 118      | 75.0     | 370     |
| 1915               | 60.0    | 50.0     | 70.0  | 131   | 329   | 1,030 | 550   | 225    | 162       | 97.1    | 84.6     | 75.0     | 238     |
| 1916               | 60.0    | 55.0     | 290   | 239   | 761   | 1,450 | 1,170 | 881    | 189       | 179     | 136      | 75.0     | 456     |
| 1917               | 60.0    | 55.0     | 70.0  | 149   | 428   | 1,720 | 1,370 | 525    | 263       | 104     | 105      | 104      | 413     |
| 1918               | 39.8    | 81.1     | 65.5  | 159   | 768   | 1,510 | 629   | 405    | 280       | 188     | 136      | 49.6     | 359     |
| 1919               | 45.0    | 45.0     | 55.0  | 195   | 564   | 1,010 | 649   | 424    | 220       | 172     | 127      | 104      | 300     |
| 1920               | 71.1    | 64.2     | 82.5  | 139   | 661   | 1,480 | 1,020 | 534    | 187       | 142     | 104      | 95.9     | 382     |
| 1921               | 90.0    | 85.0     | 90.0  | 112   | 522   | 1,030 | 752   | 400    | 271       | 172     | 142      | 147      | 318     |
| 1922               | 89.2    | 94.3     | 109   | 154   | 772   | 1,220 | 673   | 522    | 233       | 140     | 100      | 83.9     | 349     |
| 1923               | 80.1    | 67.3     | 69.5  | 168   | 574   | 1,040 | 795   | 556    | 279       | 181     | 171      | 115      | 341     |
| 1924               | 89.0    | 87.0     | 83.0  | 191   | 794   | 1,500 | 714   | 781    | 150       | 140     | 127      | 103      | 396     |
| 1925               | 85.0    | 65.0     | 82.9  | 153   | 560   | 868   | 603   | 334    | 215       | 158     | 97.0     | 58.0     | 273     |
| 1926               | 65.0    | 70.0     | 86.4  | 213   | 588   | 1,050 | 928   | 706    | 146       | 126     | 115      | 85.1     | 348     |
| 1927               | 65.0    | 72.0     | 102   | 160   | 886   | 1,300 | 995   | 391    | 314       | 185     | 154      | 94.8     | 393     |
| 1928               | 75.8    | 76.3     | 114   | 166   | 683   | 938   | 937   | 736    | 253       | 146     | 106      | 77.0     | 359     |
| 1929               | 75.0    | 70.0     | 85.0  | 309   | 727   | 1,240 | 676   | 389    | 308       | 228     | 124      | 81.2     | 359     |
| 1930               | 70.0    | 82.0     | 92.2  | 438   | 575   | 1,050 | 614   | 491    | 197       | 126     | 80.1     | 53.5     | 322     |
| 1931               | 54.5    | 77.4     | 64.4  | 158   | 451   | 643   | 321   | 179    | 110       | 82.4    | 66.1     | 71.5     | 190     |
| 1932               | 63.5    | 65.4     | 67.7  | 137   | 612   | 1,140 | 783   | 347    | 154       | 95.8    | 86.4     | 78.0     | 303     |
| 1933               | 75.0    | 70.0     | 74.0  | 97.1  | 325   | 1,320 | 679   | 290    | 129       | 97.8    | 81.8     | 69.4     | 276     |
| 1934               | 50.0    | 55.0     | 78.9  | 181   | 689   | 432   | 217   | 151    | 142       | 95.8    | 91.7     | 75.9     | 188     |
| 1935               | 71.8    | 70.0     | 75.5  | 120   | 191   | 1,050 | 934   | 618    | 201       | 112     | 86.3     | 76.2     | 300     |
| 1936               | 86.6    | 73.0     | 88.5  | 459   | 1,160 | 1,250 | 878   | 629    | 193       | 120     | 98.5     | 76.6     | 426     |
| 1937               | 58.1    | 62.4     | 84.9  | 230   | 808   | 882   | 601   | 292    | 137       | 122     | 105      | 86.3     | 289     |
| 1938               | 74.6    | 68.1     | 96.1  | 205   | 574   | 1,650 | 921   | 705    | 252       | 177     | 129      | 95.6     | 412     |
| 1939               | 82.5    | 78.7     | 105   | 263   | 1,140 | 1,030 | 646   | 434    | 161       | 101     | 95.3     | 67.6     | 351     |
| 1940               | 78.1    | 59.1     | 82.0  | 104   | 485   | 842   | 387   | 275    | 164       | 155     | 108      | 88.6     | 236     |
| 1941               | 79.6    | 83.7     | 63.9  | 104   | 521   | 983   | 625   | 639    | 245       | 121     | 100      | 62.5     | 302     |
| 1942               | 62.3    | 66.6     | 66.7  | 145   | 336   | 1,350 | 781   | 351    | 142       | 106     | 92.8     | 92.9     | 299     |
| 1943               | 97.0    | 89.4     | 118   | 598   | 654   | 1,330 | 951   | 860    | 338       | 117     | 101      | 95.5     | 445     |
| 1944               | 78.4    | 72.5     | 75.5  | 106   | 362   | 1,230 | 738   | 753    | 321       | 97.9    | 64.3     | 52.6     | 329     |
| 1945               | 53.8    | 58.4     | 70.4  | 175   | 513   | 909   | 721   | 473    | 511       | 137     | 113      | 79.1     | 318     |
| 1946               | 78.2    | 71.7     | 94.8  | 565   | 622   | 1,370 | 903   | 609    | 124       | 124     | 84.3     | 69.5     | 393     |
| 1947               | 61.8    | 66.2     | 75.5  | 227   | 572   | 1,450 | 1,430 | 764    | 459       | 196     | 119      | 91.9     | 459     |
| 1948               | 84.6    | 81.2     | 82.5  | 214   | 852   | 1,390 | 888   | 604    | 257       | 113     | 104      | 79.9     | 396     |
| 1949               | 64.0    | 62.4     | 84.2  | 300   | 543   | 1,270 | 1,230 | 797    | 330       | 143     | 101      | 67.4     | 416     |
| 1950               | 73.5    | 72.6     | 97.1  | 319   | 591   | 1,310 | 564   | 369    | 265       | 113     | 105      | 84.4     | 330     |
| 1951               | 83.2    | 72.5     | 75.4  | 144   | 742   | 1,210 | 1,330 | 690    | 321       | 150     | 114      | 103      | 420     |
| 1952               | 102     | 109      | 114   | 438   | 854   | 1,730 | 1,100 | 870    | 340       | 149     | 87.1     | 89.7     | 498     |
| 1953               | 94.6    | 92.7     | 92.4  | 111   | 543   | 1,720 | 910   | 542    | 267       | 118     | 134      | 106      | 394     |
| 1954               | 87.9    | 78.2     | 82.0  | 166   | 642   | 618   | 480   | 239    | 112       | 130     | 103      | 107      | 237     |
| 1955               | 93.3    | 74.4     | 85.0  | 182   | 377   | 818   | 630   | 471    | 194       | 94.0    | 101      | 93.7     | 268     |
| 1956               | 90.7    | 90.0     | 113   | 239   | 958   | 1,310 | 576   | 300    | 141       | 127     | 92.6     | 88.3     | 344     |
| 1957               | 78.9    | 76.9     | 69.8  | 120   | 383   | 1,550 | 2,260 | 851    | 406       | 205     | 117      | 81.0     | 516     |
| 1958               | 82.0    | 79.0     | 78.0  | 179   | 934   | 1,350 | 740   | 600    | 241       | 104     | 91.9     | 83.6     | 380     |
| 1959               | 74.9    | 70.2     | 86.5  | 253   | 428   | 1,290 | 840   | 529    | 226       | 188     | 107      | 87.0     | 348     |
| 1960               | 83.0    | 91.7     | 114   | 285   | 563   | 1,610 | 766   | 684    | 223       | 120     | 94.0     | 79.3     | 393     |
| 1961               | 78.1    | 70.2     | 73.0  | 117   | 625   | 894   | 445   | 573    | 546       | 319     | 133      | 92.0     | 330     |
| 1962               | 88.0    | 94.0     | 105   | 667   | 924   | 1,500 | 1,320 | 818    | 390       | 156     | 121      | 125      | 526     |
| 1963               | 82.0    | 88.0     | 98.0  | 200   | 793   | 609   | 558   | 449    | 223       | 151     | 104      | 85.7     | 287     |
| 1964               | 85.5    | 79.3     | 78.8  | 110   | 747   | 1,070 | 816   | 580    | 167       | 123     | 94.7     | 74.7     | 336     |
| 1965               | 70.7    | 77.1     | 71.1  | 176   | 765   | 1,310 | 1,800 | 719    | 431       | 238     | 170      | 124      | 496     |
| 1966               | 105     | 84.3     | 117   | 512   | 783   | 969   | 696   | 456    | 256       | 116     | 88.2     | 95.9     | 357     |
| 1967               | 89.7    | 105      | 90.0  | 145   | 697   | 1,000 | 668   | 550    | 288       | 141     | 118      | 82.9     | 331     |
| 1968               | 70.0    | 90.0     | 100   | 180   | 585   | 1,690 | 1,010 | 739    | 252       | 157     | 123      | 97.2     | 425     |
| 1969               | 81.4    | 79.2     | 79.3  | 170   | 992   | 1,060 | 955   | 743    | 270       | 158     | 104      | 89.6     | 398     |
| 1970               | 68.2    | 83.0     | 112   | 152   | 1,400 | 1,870 | 1,220 | 632    | 434       | 221     | 149      | 99.3     | 536     |
| 1971               | 73.9    | 81.6     | 121   | 568   | 638   | 1,490 | 1,270 | 798    | 286       | 182     | 138      | 103      | 479     |
| 1972               | 70.7    | 104      | 152   | 489   | 790   | 1,820 | 899   | 726    | 201       | 176     | 138      | 124      | 474     |
| 1973               | 104     | 111      | 103   | 155   | 484   | 1,360 | 1,400 | 836    | 463       | 130     | 88.0     | 97.1     | 444     |
| 1974               | 273     | 319      | 221   | 210   | 1,280 | 1,060 | 1,090 | 590    | 253       | 112     | 170      | 90.0     | 472     |
| 1975               | 80.3    | 83.9     | 83.4  | 365   | 708   | 1,250 | 1,750 | 813    | 359       | 179     | 323      | 98.0     | 507     |
| 1976               | 78.1    | 134      | 165   | 289   | 641   | 1,220 | 865   | 412    | 236       | 356     | 329      | 48.5     | 398     |
| 1977               | 39.9    | 56.5     | 117   | 186   | 353   | 589   | 249   | 164    | 131       | 155     | 109      | 85.8     | 186     |
| 1978               | 105     | 88.7     | 125   | 286   | 536   | 1,990 | 1,170 | 619    | 271       | 207     | 139      | 127      | 473     |
| 1979               | 145     | 130      | 138   | 341   | 925   | 1,970 | 1,350 | 698    | 268       | 190     | 302      | 209      | 555     |
| 1980               | 178     | 206      | 333   | 312   | 739   | 2,130 | 1,050 | 552    | 357       | 254     | 222      | 226      | 546     |

Table 67.--Mean discharge, in cubic feet per second, for station 07086500, Clear Creek above Clear Creek Reservoir

| Year | [--, missing data] |          |       |       |      |      |      |        |           |         |          |          |         |
|------|--------------------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
|      | January            | February | March | April | May  | June | July | August | September | October | November | December | Average |
| 1946 | --                 | --       | --    | --    | 84.8 | 300  | 112  | 60.1   | 35.7      | 27.0    | 15.0     | 10.0     | --      |
| 1947 | 10.0               | 15.0     | 20.0  | 25.0  | 139  | 357  | 303  | 100    | 60.5      | 40.2    | 20.6     | 11.0     | 91.8    |
| 1948 | 7.00               | 6.00     | 5.00  | 20.0  | 179  | 430  | 183  | 70.8   | 35.7      | 29.6    | 20.5     | 15.0     | 83.5    |
| 1949 | 12.0               | 10.0     | 8.00  | 25.9  | 86.9 | 359  | 225  | 63.0   | 37.5      | 28.7    | 20.0     | 14.0     | 74.2    |
| 1950 | 12.0               | 11.0     | 11.0  | 17.0  | 69.6 | 287  | 130  | 40.4   | 27.8      | 21.6    | 15.2     | 10.0     | 54.4    |
| 1951 | 8.00               | 6.00     | 5.00  | 11.8  | 109  | 348  | 194  | 86.4   | 29.3      | 21.5    | 17.9     | 14.0     | 70.9    |
| 1952 | 12.0               | 10.0     | 8.00  | 29.6  | 174  | 531  | 197  | 111    | 49.2      | 27.9    | 17.6     | 14.0     | 98.4    |
| 1953 | 12.0               | 13.0     | 16.5  | 16.1  | 57.7 | 286  | 149  | 68.5   | 31.0      | 20.7    | 17.8     | 14.6     | 58.6    |
| 1954 | 12.2               | 10.9     | 11.0  | 25.4  | 147  | 184  | 112  | 40.2   | 27.4      | 33.4    | 18.9     | 12.0     | 52.9    |
| 1955 | 10.0               | 11.0     | 12.0  | 19.2  | 77.3 | 249  | 108  | 66.5   | 30.3      | 16.9    | 7.77     | 8.50     | 51.4    |
| 1956 | 8.00               | 7.50     | 7.00  | 14.0  | 178  | 346  | 91.7 | 39.6   | 21.8      | 18.6    | 17.0     | 15.0     | 63.7    |
| 1957 | 13.0               | 13.0     | 13.0  | 15.0  | 41.0 | 465  | 771  | 153    | 63.7      | 27.0    | 22.0     | 17.0     | 134     |
| 1958 | 15.0               | 14.0     | 13.0  | 16.0  | 182  | 250  | 58.3 | 38.0   | 38.0      | 27.3    | 18.2     | 14.0     | 57.0    |
| 1959 | 12.0               | 12.0     | 11.0  | 13.2  | 57.5 | 283  | 72.8 | 45.5   | 24.4      | 30.5    | 19.3     | 13.0     | 49.5    |
| 1960 | 11.0               | 9.00     | 9.50  | 23.1  | 98.1 | 354  | 137  | 46.4   | 29.5      | 26.1    | 22.2     | 13.0     | 64.9    |
| 1961 | 11.0               | 9.00     | 8.00  | 10.6  | 122  | 281  | 74.3 | 62.5   | 85.0      | 71.2    | 32.0     | 25.0     | 66.0    |
| 1962 | 22.0               | 25.0     | 28.0  | 65.0  | 159  | 339  | 237  | 74.2   | 30.8      | 23.8    | 15.6     | 12.0     | 85.9    |
| 1963 | 10.0               | 11.0     | 12.0  | 17.9  | 149  | 158  | 69.0 | 59.3   | 46.8      | 25.4    | 17.7     | 8.55     | 48.7    |
| 1964 | 5.50               | 5.00     | 5.00  | 6.50  | 97.8 | 166  | 95.5 | 80.9   | 37.9      | 23.1    | 15.9     | 13.0     | 46.0    |
| 1965 | 12.0               | 13.0     | 12.0  | 17.0  | 89.9 | 382  | 413  | 151    | 63.0      | 47.5    | 31.4     | 22.7     | 105     |
| 1966 | 19.5               | 15.2     | 14.0  | 19.4  | 144  | 185  | 131  | 70.2   | 32.0      | 24.5    | 20.1     | 19.0     | 57.8    |
| 1967 | 17.0               | 15.0     | 16.0  | 20.3  | 136  | 295  | 164  | 49.9   | 65.6      | 42.5    | 25.9     | 20.0     | 72.3    |
| 1968 | 15.0               | 11.0     | 12.0  | 13.2  | 63.1 | 314  | 134  | 123    | 38.7      | 24.3    | 16.8     | 15.4     | 65.0    |
| 1969 | 11.5               | 10.1     | 9.59  | 19.7  | 149  | 243  | 210  | 73.1   | 44.5      | 34.2    | 22.6     | 17.3     | 70.4    |
| 1970 | 10.9               | 11.8     | 11.4  | 13.7  | 169  | 325  | 174  | 70.4   | 97.7      | 47.0    | 27.0     | 21.3     | 81.6    |
| 1971 | 14.0               | 15.8     | 11.7  | 18.0  | 64.3 | 308  | 180  | 62.7   | 44.8      | 34.5    | 23.8     | 12.1     | 65.8    |
| 1972 | 7.79               | 5.76     | 8.05  | 21.1  | 109  | 280  | 76.0 | 34.5   | 31.9      | 27.6    | 15.5     | 12.1     | 52.4    |
| 1973 | 11.9               | 11.6     | 9.95  | 10.4  | 74.6 | 278  | 197  | 60.1   | 38.4      | 24.0    | 16.5     | 14.8     | 62.3    |
| 1974 | 9.42               | 9.77     | 9.56  | 12.7  | 136  | 194  | 70.0 | 30.6   | 17.8      | 16.0    | 13.5     | 9.95     | 44.1    |
| 1975 | 9.82               | 9.18     | 9.61  | 8.12  | 40.2 | 207  | 243  | 70.0   | 31.1      | 17.0    | 14.5     | 16.5     | 56.3    |
| 1976 | 12.7               | 12.1     | 11.7  | 14.1  | 111  | 253  | 124  | 67.5   | 34.9      | 34.3    | 18.2     | 13.5     | 58.9    |
| 1977 | 12.2               | 10.7     | 6.98  | 13.8  | 46.8 | 89.4 | 41.8 | 36.0   | 27.7      | 19.4    | 13.8     | 10.2     | 27.4    |
| 1978 | 9.03               | 7.73     | 7.89  | 14.4  | 51.4 | 303  | 145  | 41.6   | 21.6      | 15.5    | 13.5     | 12.5     | 53.6    |
| 1979 | 9.85               | 10.4     | 9.68  | 13.5  | 151  | 423  | 225  | 75.6   | 32.8      | 22.6    | 19.0     | 18.8     | 84.3    |
| 1980 | 15.4               | 13.2     | 12.6  | 16.2  | 83.8 | 442  | 191  | 53.7   | 36.6      | 23.8    | 17.0     | 14.3     | 76.6    |

Table 68.--Mean discharge, in cubic feet per second, for station 07089000, Cottonwood Creek below Hot Springs

| [--, missing data] |         |          |       |       |      |      |      |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
| 1911               | 23.0    | 20.0     | 20.0  | 28.3  | 105  | 278  | 235  | 85.5   | 60.6      | 76.1    | 44.5     | 36.0     | 84.3    |
| 1912               | 28.0    | 19.4     | 20.5  | 19.8  | 103  | 255  | 192  | 105    | 47.9      | 37.6    | 26.0     | 20.4     | 72.9    |
| 1913               | 21.0    | 20.0     | 17.9  | 18.8  | 89.4 | 181  | 63.3 | 60.0   | 55.9      | 52.4    | 29.7     | 27.3     | 53.1    |
| 1914               | 20.6    | 21.5     | 19.4  | 25.0  | 126  | 262  | 211  | 119    | 63.3      | 49.0    | 31.5     | 21.9     | 80.8    |
| 1915               | 19.5    | 20.2     | 22.5  | 29.0  | 70.7 | 222  | 107  | 52.8   | 42.8      | 38.8    | 28.2     | 26.1     | 56.6    |
| 1916               | 22.7    | 21.4     | 21.9  | 30.0  | 76.4 | 258  | 131  | 87.4   | 51.8      | 44.5    | 35.2     | 31.0     | 67.6    |
| 1917               | 26.7    | 23.9     | 22.1  | 22.3  | 35.6 | 243  | 193  | 80.8   | 42.8      | 31.0    | 26.4     | 23.7     | 64.3    |
| 1918               | 22.3    | 19.5     | 18.4  | 19.0  | 72.1 | 262  | 82.4 | 36.5   | 47.0      | 33.5    | 28.9     | 26.0     | 55.6    |
| 1919               | 24.4    | 22.1     | 21.7  | 26.5  | 105  | 150  | 86.3 | 41.7   | 34.5      | 30.5    | 26.7     | 25.8     | 49.6    |
| 1920               | 23.6    | 22.1     | 21.6  | 20.5  | 72.1 | 249  | 147  | 58.2   | 41.3      | 34.3    | 32.6     | 28.1     | 62.5    |
| 1921               | 24.4    | 24.2     | 24.6  | 23.7  | 85.6 | 305  | 159  | 67.2   | 51.3      | 31.7    | 24.9     | 24.5     | 70.5    |
| 1922               | 22.0    | 20.7     | 20.3  | 20.4  | 86.1 | 199  | 74.5 | 54.5   | 32.9      | 22.2    | 25.8     | 25.3     | 50.3    |
| 1923               | 22.3    | 20.5     | 20.2  | 21.2  | 76.8 | 274  | 170  | 92.2   | 60.0      | --      | --       | --       | --      |
| 1949               | --      | --       | --    | --    | --   | --   | --   | --     | 49.3      | 45.1    | 32.5     | 26.0     | --      |
| 1950               | 25.1    | 22.2     | 20.9  | 25.1  | 59.2 | 154  | 67.0 | 34.9   | 26.8      | 22.9    | 22.0     | 21.4     | 41.8    |
| 1951               | 21.3    | 18.8     | 18.2  | 19.5  | 65.6 | 165  | 88.3 | 63.5   | 35.2      | 27.3    | 27.3     | 24.9     | 47.8    |
| 1952               | 26.1    | 23.1     | 16.4  | 26.2  | 101  | 307  | 135  | 82.4   | 50.3      | 35.1    | 29.8     | 27.0     | 71.6    |
| 1953               | 23.5    | 22.4     | 20.8  | 20.4  | 56.4 | 213  | 106  | 59.3   | 33.8      | 32.6    | 28.1     | 24.8     | 53.4    |
| 1954               | 22.8    | 20.8     | 19.7  | 24.0  | 74.1 | 77.3 | 56.6 | 32.7   | 28.9      | 26.3    | 21.9     | 20.7     | 35.5    |
| 1955               | 19.9    | 18.4     | 18.0  | 20.9  | 56.2 | 156  | 79.3 | 67.8   | 35.4      | 28.4    | 24.7     | 24.8     | 45.8    |
| 1956               | 22.5    | 19.2     | 18.3  | 19.6  | 101  | 191  | 66.7 | 43.1   | 30.7      | 27.6    | 25.9     | 23.7     | 49.1    |
| 1957               | 21.8    | 20.5     | 18.7  | 20.0  | 36.7 | 336  | 387  | 129    | 68.8      | 49.4    | 36.5     | 31.3     | 96.3    |
| 1958               | 25.6    | 25.0     | 22.3  | 24.0  | 114  | 178  | 58.8 | 40.3   | 35.1      | 28.2    | 24.2     | 24.2     | 50.0    |
| 1959               | 22.1    | 21.6     | 20.1  | 21.0  | 50.1 | 153  | 59.0 | 41.1   | 31.4      | 36.7    | 32.7     | 25.8     | 42.9    |
| 1960               | 20.0    | 19.9     | 19.3  | 27.4  | 62.7 | 199  | 89.5 | 39.5   | 30.3      | 26.4    | 22.9     | 21.3     | 48.2    |
| 1961               | 18.4    | 17.0     | 16.7  | 22.4  | 70.0 | 159  | 66.2 | 50.0   | 63.3      | 56.3    | 41.4     | 30.1     | 50.9    |
| 1962               | 25.9    | 24.3     | 20.3  | 37.5  | 107  | 269  | 175  | 73.5   | 45.3      | 38.6    | 32.9     | 29.4     | 73.2    |
| 1963               | 25.9    | 24.9     | 22.1  | 26.9  | 90.9 | 78.4 | 44.1 | 44.2   | 40.5      | 31.5    | 26.8     | 22.0     | 39.8    |
| 1964               | 19.1    | 17.7     | 17.4  | 18.3  | 63.3 | 130  | 73.1 | 58.8   | 35.9      | 25.4    | 25.0     | 23.2     | 42.3    |
| 1965               | 20.7    | 18.7     | 17.5  | 20.8  | 55.2 | 234  | 261  | 145    | 88.3      | 60.0    | 43.7     | 35.1     | 83.3    |
| 1966               | 30.3    | 25.7     | 23.3  | 24.5  | 92.1 | 113  | 71.0 | 45.7   | 29.5      | 29.8    | 24.6     | 23.3     | 44.4    |
| 1967               | 20.9    | 18.0     | 19.2  | 20.9  | 72.0 | 139  | 77.5 | 47.5   | 49.1      | 38.3    | 30.1     | 26.9     | 46.6    |
| 1968               | 21.9    | 20.9     | 18.9  | 18.5  | 44.0 | 202  | 77.9 | 96.1   | 46.8      | 37.4    | 32.5     | 28.1     | 53.7    |
| 1969               | 24.1    | 22.0     | 19.4  | 26.9  | 104  | 183  | 142  | 71.4   | 54.7      | 48.1    | 36.8     | 30.3     | 63.6    |
| 1970               | 23.5    | 21.5     | 20.0  | 19.5  | 119  | 216  | 127  | 73.5   | 87.8      | 60.0    | 45.9     | 32.7     | 70.5    |
| 1971               | 26.2    | 22.3     | 21.1  | 29.7  | 53.1 | 175  | 124  | 63.1   | 55.3      | 45.4    | 34.4     | 31.4     | 56.7    |
| 1972               | 32.1    | 28.5     | 27.0  | 30.7  | 68.9 | 193  | 69.3 | 38.6   | 36.6      | 33.5    | 30.2     | 24.8     | 51.1    |
| 1973               | 22.6    | 21.3     | 18.2  | 17.6  | 49.5 | 171  | 163  | 58.5   | 41.5      | 31.9    | 24.9     | 20.6     | 53.4    |
| 1974               | 18.8    | 16.9     | 16.3  | 17.0  | 80.2 | 118  | 55.5 | 33.2   | 25.0      | 25.5    | 21.9     | 18.7     | 37.2    |
| 1975               | 16.5    | 14.9     | 14.2  | 16.3  | 37.8 | 141  | 155  | 55.5   | 34.9      | 28.3    | 26.2     | 25.2     | 47.1    |
| 1976               | 20.0    | 17.3     | 18.1  | 19.1  | 57.0 | 144  | 74.2 | 49.5   | 36.0      | 32.1    | 23.7     | 18.7     | 42.5    |
| 1977               | 16.1    | 14.2     | 13.9  | 18.0  | 40.6 | 42.5 | 28.3 | 24.5   | 22.6      | 21.8    | 19.6     | 18.7     | 23.4    |
| 1978               | 16.6    | 16.3     | 17.1  | 16.8  | 40.7 | 229  | 102  | 40.5   | 25.9      | 24.4    | 22.4     | 18.6     | 47.5    |
| 1979               | 17.7    | 16.7     | 15.8  | 18.2  | 56.1 | 183  | 121  | 55.0   | 33.1      | 31.1    | 28.3     | 25.7     | 50.1    |
| 1980               | 24.5    | 20.4     | 17.5  | 20.6  | 44.9 | 237  | 131  | 63.8   | 48.7      | 37.7    | 33.5     | 31.1     | 59.2    |



Table 69.--Mean discharge, in cubic feet per second, for station 07091500, Arkansas River at Salida

| [--, missing data] |         |          |       |       |       |       |       |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
| 1909               | --      | --       | --    | --    | --    | --    | --    | --     | --        | 380     | 352      | 263      | --      |
| 1910               | 232     | 215      | 295   | 553   | 1,530 | 1,910 | 687   | 417    | 341       | 265     | 253      | 198      | 574     |
| 1911               | 195     | 224      | 218   | 268   | 993   | 2,330 | 1,820 | 941    | 506       | 624     | 361      | 237      | 726     |
| 1912               | 207     | 199      | 205   | 240   | 971   | 2,220 | 1,890 | 763    | 440       | 367     | 346      | 232      | 674     |
| 1913               | 233     | 207      | 208   | 327   | 1,110 | 1,460 | 1,050 | 502    | 470       | 388     | 316      | 252      | 543     |
| 1914               | 253     | 243      | 253   | 303   | 1,050 | 2,500 | 1,970 | 1,070  | 474       | 466     | 367      | 284      | 769     |
| 1915               | 213     | 214      | 222   | 299   | 480   | 1,780 | 1,000 | 528    | 386       | 341     | 281      | 263      | 500     |
| 1916               | 256     | 230      | 428   | 409   | 1,070 | 2,360 | 1,840 | 1,330  | 493       | 427     | 352      | 275      | 789     |
| 1917               | 244     | 235      | 244   | 261   | 561   | 2,880 | 2,360 | 947    | 467       | 248     | 286      | 242      | 748     |
| 1918               | 196     | 196      | 236   | 282   | 985   | 3,290 | 1,310 | 761    | 625       | 364     | 306      | 239      | 733     |
| 1919               | 200     | 190      | 220   | 360   | 1,130 | 1,680 | 1,240 | 750    | 529       | 402     | 369      | 326      | 617     |
| 1920               | 265     | 252      | 233   | 254   | 945   | 2,700 | 1,770 | 1,070  | 486       | 350     | 357      | 252      | 745     |
| 1921               | 247     | 230      | 262   | 270   | 996   | 2,640 | 1,690 | 729    | 542       | 415     | 410      | 353      | 731     |
| 1922               | 273     | 259      | 248   | 300   | 1,250 | 2,220 | 1,410 | 785    | 428       | 288     | 302      | 265      | 668     |
| 1923               | 236     | 221      | 231   | 310   | 924   | 2,090 | 1,830 | 1,070  | 660       | 541     | 427      | 314      | 737     |
| 1924               | 262     | 253      | 240   | 369   | 1,210 | 2,520 | 1,240 | 948    | 314       | 310     | 294      | 251      | 684     |
| 1925               | 238     | 211      | 213   | 254   | 832   | 1,270 | 971   | 635    | 478       | 381     | 299      | 235      | 501     |
| 1926               | 209     | 207      | 218   | 348   | 949   | 1,720 | 1,460 | 1,060  | 342       | 278     | 291      | 255      | 611     |
| 1927               | 237     | 225      | 247   | 292   | 1,290 | 2,200 | 1,560 | 634    | 592       | 464     | 391      | 316      | 704     |
| 1928               | 279     | 257      | 257   | 300   | 1,110 | 1,720 | 1,530 | 989    | 447       | 305     | 279      | 232      | 642     |
| 1929               | 216     | 198      | 243   | 400   | 1,110 | 2,060 | 1,220 | 1,020  | 807       | 536     | 366      | 294      | 705     |
| 1930               | 232     | 234      | 210   | 563   | 848   | 1,590 | 990   | 877    | 399       | 317     | 275      | 222      | 563     |
| 1931               | 187     | 204      | 208   | 259   | 553   | 842   | 439   | 300    | 227       | 198     | 204      | 219      | 320     |
| 1932               | 187     | 189      | 179   | 208   | 903   | 1,720 | 1,380 | 676    | 320       | 276     | 265      | 222      | 544     |
| 1933               | 179     | 183      | 187   | 185   | 519   | 2,050 | 972   | 459    | 288       | 238     | 241      | 232      | 478     |
| 1934               | 203     | 203      | 183   | 295   | 1,090 | 585   | 344   | 337    | 269       | 249     | 233      | 227      | 351     |
| 1935               | 206     | 189      | 175   | 198   | 309   | 2,040 | 1,540 | 959    | 437       | 333     | 276      | 238      | 574     |
| 1936               | 222     | 217      | 212   | 588   | 1,760 | 2,120 | 1,260 | 1,160  | 483       | 379     | 299      | 262      | 747     |
| 1937               | 225     | 220      | 207   | 347   | 1,180 | 1,260 | 930   | 517    | 278       | 252     | 220      | 234      | 489     |
| 1938               | 221     | 217      | 213   | 294   | 761   | 2,440 | 1,350 | 890    | 573       | 404     | 312      | 282      | 663     |
| 1939               | 240     | 212      | 226   | 408   | 1,560 | 1,440 | 818   | 594    | 298       | 208     | 199      | 190      | 533     |
| 1940               | 202     | 193      | 186   | 168   | 657   | 1,010 | 528   | 393    | 275       | 267     | 232      | 231      | 362     |
| 1941               | 205     | 209      | 193   | 203   | 821   | 1,840 | 1,110 | 932    | 388       | 367     | 282      | 250      | 567     |
| 1942               | 262     | 230      | 215   | 401   | 757   | 2,390 | 1,400 | 671    | 353       | 307     | 255      | 255      | 625     |
| 1943               | 245     | 249      | 254   | 744   | 992   | 2,070 | 1,480 | 1,180  | 573       | 315     | 310      | 263      | 723     |
| 1944               | 221     | 204      | 207   | 246   | 611   | 1,960 | 1,190 | 917    | 438       | 237     | 230      | 226      | 557     |
| 1945               | 205     | 206      | 195   | 292   | 810   | 1,460 | 1,140 | 862    | 667       | 312     | 294      | 237      | 556     |
| 1946               | 221     | 209      | 213   | 548   | 778   | 1,880 | 1,130 | 799    | 265       | 280     | 265      | 226      | 568     |
| 1947               | 199     | 197      | 195   | 311   | 824   | 2,350 | 2,110 | 1,140  | 700       | 411     | 349      | 262      | 754     |
| 1948               | 239     | 241      | 246   | 425   | 1,410 | 2,520 | 1,350 | 874    | 398       | 276     | 306      | 259      | 712     |
| 1949               | 237     | 230      | 238   | 482   | 835   | 2,450 | 2,180 | 1,110  | 535       | 336     | 314      | 253      | 767     |
| 1950               | 231     | 244      | 231   | 439   | 868   | 1,900 | 944   | 511    | 380       | 233     | 260      | 235      | 540     |
| 1951               | 231     | 216      | 219   | 254   | 1,000 | 1,730 | 1,800 | 1,060  | 472       | 283     | 301      | 282      | 654     |
| 1952               | 274     | 255      | 245   | 657   | 1,290 | 3,070 | 1,830 | 1,380  | 582       | 350     | 323      | 296      | 880     |
| 1953               | 274     | 247      | 226   | 242   | 702   | 2,540 | 1,430 | 859    | 400       | 300     | 363      | 300      | 657     |
| 1954               | 270     | 231      | 203   | 272   | 925   | 860   | 694   | 384    | 309       | 317     | 233      | 270      | 414     |
| 1955               | 233     | 220      | 223   | 286   | 481   | 1,240 | 896   | 823    | 380       | 241     | 256      | 262      | 462     |
| 1956               | 232     | 225      | 210   | 338   | 1,240 | 2,140 | 830   | 509    | 323       | 272     | 255      | 243      | 568     |
| 1957               | 216     | 233      | 177   | 237   | 598   | 2,970 | 5,160 | 1,670  | 689       | 454     | 400      | 317      | 1,090   |
| 1958               | 301     | 283      | 256   | 392   | 1,720 | 2,390 | 974   | 830    | 430       | 250     | 243      | 223      | 690     |
| 1959               | 200     | 218      | 186   | 316   | 512   | 1,760 | 656   | 476    | 376       | 431     | 314      | 288      | 478     |
| 1960               | 216     | 190      | 231   | 434   | 835   | 2,230 | 1,090 | 927    | 447       | 322     | 279      | 240      | 620     |
| 1961               | 224     | 219      | 229   | 226   | 845   | 1,610 | 695   | 806    | 903       | 675     | 455      | 316      | 600     |
| 1962               | 299     | 290      | 265   | 829   | 1,340 | 2,350 | 1,930 | 1,060  | 613       | 422     | 400      | 364      | 846     |
| 1963               | 257     | 323      | 306   | 386   | 1,100 | 965   | 841   | 777    | 489       | 280     | 280      | 247      | 521     |
| 1964               | 222     | 228      | 199   | 213   | 941   | 1,390 | 1,080 | 859    | 359       | 284     | 288      | 287      | 529     |
| 1965               | 203     | 271      | 230   | 365   | 1,070 | 2,390 | 3,240 | 1,490  | 858       | 526     | 450      | 369      | 962     |
| 1966               | 326     | 289      | 248   | 624   | 1,220 | 1,500 | 1,060 | 703    | 383       | 285     | 275      | 307      | 602     |
| 1967               | 278     | 255      | 218   | 251   | 919   | 1,590 | 1,080 | 735    | 542       | 297     | 314      | 283      | 563     |
| 1968               | 246     | 228      | 195   | 237   | 737   | 2,140 | 1,390 | 1,340  | 463       | 285     | 325      | 299      | 657     |
| 1969               | 259     | 235      | 207   | 252   | 1,280 | 1,720 | 1,660 | 1,070  | 457       | 443     | 343      | 287      | 684     |
| 1970               | 237     | 233      | 217   | 241   | 1,930 | 2,650 | 1,730 | 1,130  | 928       | 569     | 381      | 288      | 878     |
| 1971               | 253     | 215      | 242   | 609   | 772   | 2,010 | 1,700 | 1,070  | 474       | 367     | 349      | 257      | 693     |
| 1972               | 218     | 207      | 221   | 505   | 921   | 2,220 | 1,130 | 824    | 330       | 283     | 281      | 232      | 615     |
| 1973               | 178     | 194      | 197   | 223   | 668   | 2,130 | 2,180 | 1,170  | 631       | 295     | 293      | 259      | 702     |
| 1974               | 395     | 409      | 288   | 249   | 1,570 | 1,480 | 1,260 | 725    | 391       | 251     | 316      | 223      | 630     |
| 1975               | 198     | 198      | 192   | 404   | 809   | 1,730 | 2,410 | 1,050  | 483       | 271     | 478      | 250      | 705     |
| 1976               | 230     | 221      | 248   | 306   | 826   | 1,670 | 1,100 | 640    | 419       | 575     | 474      | 179      | 574     |
| 1977               | 135     | 152      | 150   | 170   | 337   | 663   | 302   | 235    | 230       | 199     | 186      | 184      | 245     |
| 1978               | 176     | 152      | 150   | 313   | 515   | 2,430 | 1,300 | 774    | 287       | 220     | 216      | 190      | 561     |
| 1979               | 190     | 169      | 228   | 330   | 1,070 | 2,710 | 1,900 | 877    | 363       | 239     | 378      | 298      | 729     |
| 1980               | 265     | 257      | 352   | 375   | 897   | 3,470 | 1,640 | 679    | 483       | --      | --       | --       | --      |

Table 70.--Mean discharge, in cubic feet per second, for station 07093700, Arkansas River near Wellsville

| [--, missing data] |         |          |       |       |       |       |       |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
| 1961               | --      | --       | --    | 225   | 870   | 1,580 | 678   | 815    | 952       | 646     | 480      | 378      | --      |
| 1962               | 333     | 318      | 289   | 896   | 1,410 | 2,470 | 1,940 | 1,020  | 556       | 368     | 341      | 328      | 855     |
| 1963               | 238     | 282      | 261   | 321   | 1,030 | 874   | 714   | 653    | 409       | 287     | 279      | 284      | 469     |
| 1964               | 263     | 249      | 230   | 215   | 966   | 1,470 | 1,080 | 868    | 377       | 287     | 310      | 326      | 554     |
| 1965               | 304     | 288      | 259   | 384   | 1,070 | 2,430 | 2,970 | 1,590  | 839       | 584     | 508      | 460      | 973     |
| 1966               | 373     | 322      | 284   | 573   | 1,060 | 1,290 | 1,000 | 702    | 441       | 310     | 284      | 306      | 578     |
| 1967               | 294     | 295      | 226   | 267   | 930   | 1,460 | 1,030 | 738    | 579       | 342     | 365      | 339      | 572     |
| 1968               | 294     | 269      | 234   | 256   | 760   | 2,380 | 1,270 | 1,240  | 461       | 300     | 360      | 325      | 673     |
| 1969               | 244     | 238      | 226   | 273   | 1,340 | 1,820 | 1,740 | 1,120  | 469       | 523     | 415      | 355      | 731     |
| 1970               | 299     | 281      | 252   | 291   | 1,930 | 2,710 | 1,820 | 1,160  | 1,030     | 660     | 475      | 410      | 943     |
| 1971               | 350     | 291      | 303   | 622   | 786   | 2,090 | 1,740 | 1,050  | 528       | 419     | 457      | 352      | 749     |
| 1972               | 296     | 283      | 279   | 529   | 976   | 2,200 | 1,090 | 822    | 371       | 338     | 402      | 305      | 658     |
| 1973               | 253     | 250      | 246   | 272   | 693   | 2,160 | 2,070 | 1,130  | 615       | 319     | 315      | 310      | 720     |
| 1974               | 468     | 482      | 343   | 265   | 1,560 | 1,450 | 1,190 | 708    | 432       | 293     | 387      | 287      | 656     |
| 1975               | 253     | 259      | 251   | 470   | 876   | 1,960 | 2,380 | 1,070  | 528       | 322     | 569      | 334      | 772     |
| 1976               | 288     | 294      | 311   | 335   | 864   | 1,710 | 1,160 | 684    | 464       | 624     | 542      | 288      | 630     |
| 1977               | 207     | 208      | 222   | 215   | 391   | 708   | 340   | 278    | 267       | 229     | 242      | 280      | 299     |
| 1978               | 266     | 229      | 202   | 354   | 592   | 2,570 | 1,430 | 857    | 352       | 289     | 307      | 305      | 646     |
| 1979               | 243     | 244      | 289   | 394   | 1,190 | 2,940 | 1,970 | 938    | 438       | 286     | 462      | 405      | 817     |
| 1980               | 351     | 345      | 420   | 441   | 1,030 | 3,930 | 1,810 | 760    | 538       | 443     | 438      | 416      | 910     |

Table 71.--Mean discharge, in cubic feet per second, for station 07094500, Arkansas River at Parkdale

| [--, missing data] |         |          |       |       |       |       |       |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
| 1945               | --      | --       | --    | --    | --    | --    | --    | --     | --        | 300     | 350      | 340      | --      |
| 1946               | 340     | 320      | 320   | 700   | 850   | 2,090 | 1,220 | 894    | 307       | 348     | 420      | 335      | 679     |
| 1947               | 298     | 305      | 316   | 409   | 1,030 | 2,800 | 2,430 | 1,370  | 787       | 498     | 415      | 368      | 918     |
| 1948               | 395     | 395      | 430   | 774   | 1,840 | 3,140 | 1,530 | 996    | 494       | 380     | 449      | 405      | 936     |
| 1949               | 354     | 339      | 344   | 649   | 1,100 | 3,190 | 2,510 | 1,230  | 653       | 460     | 452      | 384      | 973     |
| 1950               | 382     | 361      | 324   | 476   | 937   | 2,040 | 1,070 | 578    | 417       | 297     | 351      | 353      | 632     |
| 1951               | 304     | 346      | 297   | 312   | 1,090 | 2,060 | 2,020 | 1,180  | 516       | 317     | 384      | 370      | 766     |
| 1952               | 351     | 327      | 271   | 642   | 1,530 | 3,910 | 2,090 | 1,490  | 631       | 394     | 415      | 432      | 1,040   |
| 1953               | 383     | 348      | 315   | 303   | 736   | 2,920 | 1,560 | 952    | 465       | 362     | 481      | 395      | 768     |
| 1954               | 358     | 308      | 263   | 288   | 946   | 936   | 755   | 390    | 327       | 360     | 267      | 341      | 462     |
| 1955               | 296     | 278      | 290   | 328   | 522   | 1,400 | 958   | 904    | 433       | --      | --       | --       | --      |
| 1964               | --      | --       | --    | --    | --    | --    | --    | --     | --        | 320     | 357      | 378      | --      |
| 1965               | 348     | 339      | 323   | 487   | 1,220 | 2,580 | 3,240 | 1,750  | 1,010     | 744     | 593      | 525      | 1,100   |
| 1966               | 480     | 437      | 402   | 631   | 1,060 | 1,320 | 1,070 | 815    | 467       | 357     | 331      | 343      | 642     |
| 1967               | 337     | 339      | 282   | 292   | 896   | 1,460 | 1,080 | 782    | 650       | 385     | 407      | 388      | 608     |
| 1968               | 352     | 318      | 303   | 324   | 833   | 2,480 | 1,380 | 1,450  | 552       | 359     | 417      | 409      | 764     |
| 1969               | 343     | 312      | 289   | 340   | 1,450 | 1,960 | 1,790 | 1,190  | 578       | 632     | 476      | 414      | 815     |
| 1970               | 378     | 346      | 317   | 405   | 1,900 | 2,800 | 1,840 | 1,160  | 1,090     | 801     | 617      | 461      | 1,010   |
| 1971               | 371     | 364      | 390   | 642   | 813   | 2,160 | 1,750 | 1,060  | 564       | 441     | 541      | 433      | 793     |
| 1972               | 360     | 318      | 319   | 565   | 968   | 2,310 | 1,190 | 888    | 424       | 370     | 454      | 368      | 712     |
| 1973               | 317     | 284      | 297   | 350   | 847   | 2,320 | 2,200 | 1,240  | 704       | 375     | 392      | 396      | 811     |
| 1974               | 498     | 517      | 385   | 290   | 1,570 | 1,530 | 1,250 | 765    | 464       | 328     | 407      | 324      | 695     |
| 1975               | 292     | 305      | 311   | 573   | 935   | 2,120 | 2,620 | 1,140  | 572       | 344     | 583      | 402      | 849     |
| 1976               | 351     | 332      | 340   | 375   | 863   | 1,690 | 1,130 | 747    | 525       | 678     | 593      | 342      | 664     |
| 1977               | 276     | 276      | 270   | 273   | 389   | 705   | 371   | 319    | 289       | 261     | 272      | 304      | 334     |
| 1978               | 291     | 264      | 226   | 349   | 581   | 2,650 | 1,490 | 872    | 371       | 292     | 318      | 332      | 670     |
| 1979               | 305     | 290      | 322   | 421   | 1,280 | 3,370 | 2,400 | 1,090  | 483       | 320     | 533      | 460      | 938     |
| 1980               | 387     | 371      | 487   | 605   | 1,570 | 4,210 | 2,080 | 880    | 604       | 493     | 507      | 488      | 1,060   |

Table 72.--Mean discharge, in cubic feet per second, for station 07095000, Grape Creek near Westcliffe

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| 1925 | --      | --       | --    | 10.8  | 13.3 | 6.38 | 26.5 | 64.3   | 20.8      | 18.5    | 35.3     | 28.2     | --      |
| 1926 | 23.0    | 25.0     | 52.3  | 81.8  | 153  | 174  | 50.4 | 22.2   | 8.66      | 10.6    | 20.4     | 17.0     | 53.2    |
| 1927 | 18.5    | 19.4     | 68.9  | 35.0  | 11.7 | 47.4 | 44.2 | 67.7   | 51.1      | 42.1    | 22.3     | 18.0     | 37.2    |
| 1928 | 19.0    | 19.0     | 36.2  | 32.6  | 149  | 106  | --   | --     | --        | --      | --       | --       | --      |
| 1930 | --      | --       | --    | 34.0  | 10.6 | 12.3 | 77.5 | 72.6   | 14.8      | 10.9    | 12.6     | 12.0     | --      |
| 1931 | 11.0    | 10.0     | 15.0  | 116   | 108  | 86.5 | 26.2 | 9.97   | 22.1      | 23.7    | 17.3     | 20.0     | 38.8    |
| 1932 | 15.0    | 15.0     | 17.0  | 42.6  | 44.4 | 60.3 | 31.5 | 22.7   | 10.1      | 12.0    | 15.6     | 13.0     | 24.9    |
| 1933 | 11.0    | 11.0     | 12.0  | 69.8  | 29.9 | 128  | 28.8 | 14.1   | 11.1      | 7.48    | 11.9     | 12.0     | 28.9    |
| 1934 | 11.0    | 11.0     | 12.0  | 15.9  | 7.87 | 1.83 | 2.39 | 4.84   | 4.53      | 4.61    | 6.03     | 5.00     | 7.25    |
| 1935 | 5.00    | 5.00     | 8.68  | 11.3  | 25.2 | 137  | 64.0 | 24.0   | 31.6      | 16.1    | 11.0     | 10.0     | 29.1    |
| 1936 | 10.0    | 12.0     | 18.8  | 17.1  | 25.2 | 15.9 | 11.4 | 124    | 40.1      | 42.5    | 34.4     | 25.0     | 31.4    |
| 1937 | 20.0    | 20.0     | 25.0  | 82.0  | 95.5 | 44.7 | 13.3 | 8.17   | 8.53      | 9.02    | 9.80     | 12.0     | 29.0    |
| 1938 | 12.0    | 18.0     | 26.1  | 44.8  | 44.4 | 114  | 33.9 | 12.0   | 54.5      | 20.2    | 30.0     | 15.0     | 35.4    |
| 1939 | 12.0    | 15.0     | 47.2  | 34.7  | 24.6 | 7.64 | 2.96 | 8.01   | 4.11      | 6.51    | 12.0     | 11.1     | 15.5    |
| 1940 | 17.0    | 22.0     | 30.1  | 17.9  | 14.8 | 5.81 | 6.86 | 7.63   | 9.19      | 6.58    | 11.6     | 14.9     | 13.7    |
| 1941 | 17.0    | 23.0     | 81.9  | 56.2  | 134  | 346  | 192  | 39.4   | 11.5      | 49.9    | 37.5     | 24.0     | 84.4    |
| 1942 | 23.0    | 18.0     | 40.6  | 332   | 319  | 268  | 107  | 60.0   | 27.2      | 16.3    | 18.4     | 17.0     | 104     |
| 1943 | 14.0    | 18.0     | 38.3  | 23.6  | 12.9 | 5.89 | 8.03 | 9.17   | 5.90      | 6.68    | 13.0     | 17.8     | 14.4    |
| 1944 | 15.3    | 21.9     | 36.3  | 88.8  | 94.1 | 141  | 72.4 | 6.98   | 5.48      | 7.75    | 9.60     | 12.0     | 42.6    |
| 1945 | 15.0    | 16.0     | 29.5  | 48.3  | 18.9 | 16.5 | 36.3 | 55.8   | 6.55      | 7.56    | 13.2     | 15.8     | 23.3    |
| 1946 | 13.5    | 18.1     | 26.9  | 22.6  | 17.3 | 2.16 | 1.25 | 9.62   | 5.70      | 9.87    | 11.4     | 12.0     | 12.5    |
| 1947 | 14.1    | 29.7     | 56.6  | 44.1  | 99.3 | 188  | 107  | 32.3   | 30.0      | 24.7    | 26.8     | 18.3     | 55.9    |
| 1948 | 15.5    | 26.9     | 72.3  | 193   | 137  | 200  | 30.7 | 15.9   | 6.05      | 8.34    | 14.0     | 15.4     | 61.3    |
| 1949 | 12.0    | 14.0     | 21.4  | 34.1  | 49.1 | 140  | 88.3 | 12.4   | 8.45      | 10.0    | 12.6     | 12.0     | 34.5    |
| 1950 | 11.0    | 16.0     | 24.3  | 12.0  | 6.34 | 8.76 | 8.33 | 6.28   | 5.73      | 5.20    | 12.1     | 14.0     | 10.8    |
| 1951 | 12.0    | 14.0     | 16.6  | 23.1  | 6.02 | 5.81 | 6.89 | 4.55   | 3.86      | 5.17    | 10.1     | 10.0     | 9.84    |
| 1952 | 9.60    | 10.0     | 18.8  | 24.2  | 30.0 | 100  | 23.3 | 26.8   | 7.97      | 6.83    | 10.0     | 9.00     | 23.0    |
| 1953 | 11.0    | 13.0     | 21.9  | 20.0  | 16.1 | 20.9 | 22.3 | 11.2   | 4.40      | 6.37    | 11.6     | 13.0     | 14.3    |
| 1954 | 17.0    | 19.7     | 19.8  | 10.8  | 12.4 | 3.26 | 5.88 | 9.52   | 5.03      | 6.54    | 8.94     | 8.00     | 10.6    |
| 1955 | 7.00    | 5.30     | 16.5  | 16.5  | 35.0 | 10.5 | 6.13 | 15.6   | 4.58      | 6.81    | 9.14     | 16.6     | 12.5    |
| 1956 | 16.7    | 15.0     | 25.0  | 30.0  | 7.04 | 4.82 | 4.42 | 4.45   | 3.75      | 5.59    | 8.33     | 10.0     | 11.3    |
| 1957 | 12.0    | 12.0     | 12.3  | 25.1  | 94.5 | 374  | 356  | 84.0   | 19.9      | 12.3    | 13.0     | 11.0     | 85.5    |
| 1958 | 8.00    | 8.00     | 10.0  | 31.6  | 55.8 | 43.3 | 11.5 | 8.88   | 12.4      | 12.0    | 13.0     | 5.97     | 18.4    |
| 1959 | 3.54    | 3.30     | 6.31  | 49.4  | 29.5 | 53.5 | 17.1 | 23.5   | 5.68      | 14.0    | 12.0     | 13.0     | 19.2    |
| 1960 | 15.0    | 15.0     | 47.9  | 44.6  | 27.4 | 79.5 | 56.7 | 12.1   | 7.92      | 27.1    | 24.0     | 10.0     | 30.6    |
| 1961 | 6.00    | 9.00     | 41.0  | 79.2  | 41.3 | 103  | 42.5 | 62.1   | 76.2      | --      | --       | --       | --      |
| 1962 | --      | --       | --    | --    | --   | --   | --   | --     | --        | 8.53    | 8.37     | 6.50     | --      |
| 1963 | 5.50    | 9.00     | 22.0  | 9.48  | 2.81 | 2.05 | 2.10 | 4.64   | 3.95      | 3.16    | 4.80     | 5.00     | 6.21    |
| 1964 | 5.20    | 5.00     | 15.0  | 49.9  | 9.46 | 8.14 | 8.35 | 18.9   | 5.37      | 6.19    | 9.23     | 8.50     | 12.4    |
| 1965 | 8.50    | 10.0     | 30.0  | 46.4  | 19.7 | 174  | 121  | 115    | 43.9      | 48.9    | 30.8     | 22.6     | 55.9    |
| 1966 | 11.0    | 10.0     | 13.3  | 29.3  | 11.3 | 15.5 | 14.2 | 144    | 12.0      | 11.6    | 12.9     | 12.0     | 24.8    |
| 1967 | 11.0    | 9.00     | 26.5  | 14.1  | 10.0 | 19.8 | 30.5 | 50.6   | 55.4      | 18.1    | 22.8     | 18.0     | 23.8    |
| 1968 | 18.0    | 21.0     | 35.2  | 62.8  | 58.3 | 63.0 | 47.7 | 177    | 23.1      | 12.9    | 19.0     | 11.9     | 45.8    |
| 1969 | 15.7    | 22.5     | 28.0  | 24.0  | 29.5 | 115  | 128  | 61.0   | 25.8      | 62.9    | 36.4     | 23.8     | 47.7    |
| 1970 | 12.4    | 22.5     | 36.0  | 138   | 98.5 | 109  | 56.6 | 30.1   | 80.0      | 79.6    | 54.5     | 26.3     | 62.0    |
| 1971 | 22.3    | 28.3     | 27.6  | 26.0  | 27.0 | 12.1 | 35.6 | 16.9   | 12.9      | 15.8    | 23.8     | 17.3     | 22.1    |
| 1972 | 10.1    | 12.8     | 21.1  | 17.3  | 8.69 | 7.92 | 8.77 | 7.49   | 8.84      | 10.1    | 21.4     | 12.7     | 12.3    |
| 1973 | 11.3    | 14.5     | 40.5  | 68.8  | 120  | 147  | 141  | 51.7   | 12.4      | 14.5    | 15.5     | 15.2     | 54.4    |
| 1974 | 14.4    | 12.2     | 25.1  | 16.6  | 7.59 | 3.98 | 4.41 | 4.92   | 6.26      | 8.05    | 15.5     | 11.8     | 10.9    |
| 1975 | 11.0    | 11.5     | 48.6  | 64.2  | 18.0 | 133  | 187  | 34.4   | 13.3      | 11.7    | 17.2     | 14.2     | 47.0    |
| 1976 | 11.2    | 18.7     | 23.4  | 28.4  | 20.9 | 29.7 | 14.9 | 24.3   | 23.7      | 33.5    | 35.9     | 13.2     | 23.1    |
| 1977 | 10.9    | 18.0     | 25.0  | 45.5  | 12.5 | 6.68 | 6.39 | 28.6   | 7.16      | 8.95    | 12.8     | 11.9     | 16.2    |
| 1978 | 12.6    | 15.0     | 28.4  | 11.5  | 8.24 | 4.81 | 4.57 | 6.58   | 4.66      | 6.71    | 12.1     | 11.8     | 10.6    |
| 1979 | 11.4    | 15.6     | 48.3  | 33.7  | 58.9 | 224  | 93.7 | 34.5   | 12.1      | 9.66    | 16.8     | 18.6     | 48.1    |
| 1980 | 23.5    | 24.8     | 27.0  | 64.0  | 106  | 125  | 23.0 | 8.82   | 10.2      | 11.1    | 14.4     | 15.2     | 37.8    |

Table 73.--Mean discharge, in cubic feet per second, for station 07096000, Arkansas River at Canon City

[--, missing data]

| Year | January | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| 1901 | 303     | 281      | 223   | 373   | 1,680 | 2,180 | 796   | 631    | 352       | 313     | 271      | 306      | 643     |
| 1902 | 313     | 330      | 339   | 294   | 757   | 481   | 230   | 270    | 254       | 313     | 305      | 342      | 352     |
| 1903 | 318     | 300      | 430   | 444   | 472   | 3,070 | 1,490 | 560    | 337       | 230     | 230      | 271      | 679     |
| 1904 | 264     | 290      | 176   | 355   | 990   | 1,400 | 975   | 726    | 444       | 563     | 285      | 287      | 563     |
| 1905 | 324     | 349      | 404   | 599   | 1,260 | 3,980 | 1,070 | 743    | 319       | 318     | 395      | 343      | 841     |
| 1906 | 346     | 349      | 383   | 501   | 1,330 | 2,440 | 1,550 | 800    | 597       | 649     | 529      | 439      | 826     |
| 1907 | 325     | 342      | 325   | 403   | 962   | 2,750 | 3,230 | 1,170  | 653       | 478     | 336      | 325      | 942     |
| 1908 | 325     | 330      | 325   | 370   | 478   | 1,370 | 839   | 566    | 220       | 248     | 290      | 277      | 470     |
| 1909 | 260     | 279      | 293   | 336   | 733   | 2,860 | 2,020 | 1,190  | 1,410     | 630     | 519      | 402      | 911     |
| 1910 | 367     | 378      | 553   | 783   | 1,890 | 1,890 | 675   | 441    | 355       | 287     | 295      | 293      | 684     |
| 1911 | 304     | 395      | 380   | 287   | 1,030 | 2,560 | 2,190 | 917    | 448       | 1,200   | 542      | 374      | 878     |
| 1912 | 330     | 290      | 395   | 475   | 1,310 | 2,810 | 2,300 | 894    | 382       | 362     | 337      | 343      | 852     |
| 1913 | 277     | 361      | 344   | 442   | 1,090 | 1,630 | 983   | 431    | 400       | 375     | 354      | 355      | 586     |
| 1914 | 354     | 348      | 355   | 348   | 1,130 | 2,780 | 2,510 | 1,320  | 477       | 453     | 413      | 418      | 908     |
| 1915 | 386     | 347      | 370   | 548   | 772   | 2,100 | 1,320 | 698    | 446       | 408     | 375      | 360      | 677     |
| 1916 | 365     | 348      | 547   | 526   | 1,090 | 2,330 | 1,820 | 1,360  | 508       | 482     | 510      | 459      | 862     |
| 1917 | 455     | 411      | 394   | 392   | 818   | 2,980 | 2,390 | 931    | 478       | 287     | 323      | 341      | 850     |
| 1918 | 329     | 416      | 361   | 336   | 991   | 3,370 | 1,390 | 792    | 550       | 416     | 434      | 386      | 814     |
| 1919 | 467     | 382      | 409   | 852   | 1,610 | 1,760 | 1,370 | 792    | 571       | 437     | 472      | 496      | 802     |
| 1920 | 373     | 374      | 372   | 307   | 1,090 | 2,970 | 1,750 | 1,220  | 541       | 420     | 509      | 448      | 864     |
| 1921 | 376     | 325      | 315   | 336   | 1,000 | 3,370 | 2,090 | 1,090  | 653       | 476     | 467      | 432      | 911     |
| 1922 | 367     | 354      | 358   | 369   | 1,240 | 2,300 | 1,210 | 854    | 455       | 290     | 351      | 337      | 707     |
| 1923 | 283     | 275      | 320   | 340   | 944   | 2,390 | 2,210 | 1,340  | 799       | 758     | 620      | 474      | 896     |
| 1924 | 458     | 450      | 400   | 688   | 1,590 | 2,970 | 1,240 | 894    | 312       | 332     | 330      | 339      | 834     |
| 1925 | 336     | 291      | 287   | 201   | 665   | 1,170 | 1,010 | 617    | 438       | 373     | 334      | 326      | 584     |
| 1926 | 281     | 308      | 315   | 469   | 1,060 | 2,170 | 1,460 | 968    | 313       | 248     | 345      | 293      | 685     |
| 1927 | 288     | 290      | 400   | 325   | 1,280 | 2,210 | 1,670 | 719    | 600       | 503     | 400      | 392      | 757     |
| 1928 | 382     | 314      | 316   | 289   | 1,310 | 2,020 | 1,500 | 964    | 414       | 286     | 313      | 339      | 783     |
| 1929 | 319     | 280      | 333   | 376   | 952   | 2,080 | 1,270 | 1,520  | 1,120     | 552     | 449      | 405      | 895     |
| 1930 | 352     | 416      | 318   | 542   | 772   | 1,670 | 1,130 | 1,080  | 420       | 290     | 318      | 327      | 636     |
| 1931 | 306     | 300      | 291   | 324   | 687   | 934   | 454   | 262    | 188       | 184     | 211      | 336      | 373     |
| 1932 | 258     | 276      | 247   | 240   | 1,110 | 1,930 | 1,490 | 792    | 365       | 261     | 285      | 249      | 625     |
| 1933 | 299     | 362      | 217   | 192   | 599   | 2,290 | 930   | 461    | 322       | 244     | 246      | 307      | 539     |
| 1934 | 275     | 250      | 196   | 272   | 1,010 | 575   | 304   | 313    | 200       | 192     | 206      | 268      | 339     |
| 1935 | 247     | 229      | 178   | 155   | 340   | 2,420 | 1,620 | 1,020  | 480       | 380     | 348      | 333      | 646     |
| 1936 | 312     | 261      | 201   | 560   | 1,930 | 2,010 | 1,270 | 1,450  | 549       | 438     | 408      | 335      | 809     |
| 1937 | 259     | 259      | 289   | 395   | 1,270 | 1,370 | 958   | 523    | 267       | 214     | 203      | 319      | 526     |
| 1938 | 300     | 273      | 246   | 319   | 782   | 2,740 | 1,410 | 867    | 690       | 474     | 414      | 359      | 740     |
| 1939 | 302     | 278      | 336   | 429   | 1,510 | 1,370 | 737   | 550    | 240       | 167     | 180      | 204      | 525     |
| 1940 | 278     | 238      | 217   | 108   | 591   | 928   | 474   | 333    | 229       | 250     | 279      | 311      | 353     |
| 1941 | 270     | 262      | 273   | 237   | 1,110 | 2,550 | 1,440 | 1,010  | 375       | 540     | 411      | 355      | 736     |
| 1942 | 340     | 308      | 326   | 1,120 | 2,140 | 3,430 | 1,760 | 815    | 443       | 381     | 369      | 404      | 986     |
| 1943 | 395     | 367      | 404   | 1,050 | 1,020 | 2,090 | 1,530 | 1,240  | 604       | 311     | 310      | 347      | 885     |
| 1944 | 305     | 274      | 383   | 400   | 893   | 2,410 | 1,380 | 889    | 422       | 224     | 230      | 322      | 677     |
| 1945 | 286     | 292      | 263   | 375   | 877   | 1,520 | 1,320 | 1,090  | 622       | 307     | 355      | 333      | 637     |
| 1946 | 302     | 292      | 284   | 557   | 856   | 1,840 | 1,130 | 833    | 233       | 262     | 350      | 300      | 603     |
| 1947 | 253     | 272      | 322   | 369   | 1,080 | 2,690 | 2,330 | 1,210  | 715       | 501     | 419      | 368      | 877     |
| 1948 | 367     | 414      | 426   | 878   | 1,820 | 3,110 | 1,420 | 855    | 356       | 256     | 347      | 333      | 882     |
| 1949 | 309     | 304      | 268   | 503   | 958   | 3,250 | 2,550 | 1,120  | 545       | 371     | 356      | 308      | 903     |
| 1950 | 313     | 349      | 279   | 357   | 786   | 1,840 | 958   | 451    | 319       | 186     | 272      | 282      | 532     |
| 1951 | 296     | 285      | 236   | 226   | 910   | 1,750 | 1,710 | 985    | 395       | 228     | 336      | 341      | 641     |
| 1952 | 317     | 301      | 278   | 550   | 1,280 | 3,160 | 1,750 | 1,310  | 482       | 285     | 341      | 379      | 870     |
| 1953 | 343     | 335      | 266   | 226   | 582   | 2,550 | 1,330 | 785    | 350       | 273     | 411      | 378      | 652     |
| 1954 | 341     | 268      | 207   | 189   | 802   | 738   | 589   | 291    | 222       | 254     | 185      | 302      | 366     |
| 1955 | 298     | 285      | 256   | 222   | 426   | 1,220 | 834   | 834    | 345       | 216     | 274      | 336      | 462     |
| 1956 | 271     | 307      | 271   | 332   | 1,250 | 2,160 | 764   | 442    | 245       | 241     | 276      | 290      | 571     |
| 1957 | 280     | 295      | 181   | 304   | 795   | 3,860 | 5,540 | 2,130  | 797       | 472     | 563      | 520      | 1,310   |
| 1958 | 530     | 451      | 384   | 428   | 1,890 | 2,340 | 974   | 956    | 423       | 239     | 312      | 353      | 773     |
| 1959 | 311     | 295      | 294   | 338   | 484   | 1,960 | 954   | 706    | 286       | 653     | 484      | 336      | 592     |
| 1960 | 250     | 264      | 384   | 388   | 787   | 2,610 | 1,300 | 802    | 310       | 276     | 294      | 296      | 664     |
| 1961 | 296     | 283      | 351   | 290   | 811   | 1,730 | 705   | 1,000  | 1,110     | 705     | 586      | 510      | 698     |
| 1962 | 413     | 432      | 365   | 936   | 1,380 | 2,540 | 2,030 | 1,040  | 496       | 302     | 329      | 313      | 881     |
| 1963 | 290     | 297      | 260   | 218   | 978   | 807   | 661   | 631    | 314       | 169     | 202      | 271      | 425     |
| 1964 | 256     | 227      | 221   | 214   | 945   | 1,530 | 1,050 | 902    | 263       | 198     | 262      | 354      | 535     |
| 1965 | 307     | 286      | 269   | 435   | 1,120 | 2,760 | 3,750 | 1,980  | 991       | 677     | 518      | 513      | 1,130   |
| 1966 | 400     | 356      | 296   | 517   | 1,040 | 1,320 | 1,040 | 847    | 312       | 202     | 246      | 300      | 573     |
| 1967 | 295     | 271      | 228   | 153   | 844   | 1,420 | 1,100 | 777    | 621       | 252     | 358      | 345      | 555     |
| 1968 | 290     | 251      | 281   | 347   | 652   | 2,640 | 1,400 | 1,650  | 422       | 221     | 310      | 349      | 734     |
| 1969 | 289     | 244      | 242   | 194   | 1,300 | 1,910 | 1,930 | 1,120  | 413       | 643     | 433      | 359      | 756     |
| 1970 | 329     | 293      | 272   | 426   | 2,180 | 3,090 | 2,070 | 1,200  | 1,060     | 721     | 493      | 397      | 1,040   |
| 1971 | 362     | 316      | 307   | 534   | 691   | 2,160 | 1,760 | 1,010  | 441       | 321     | 379      | 338      | 718     |
| 1972 | 300     | 290      | 268   | 439   | 823   | 2,270 | 1,120 | 744    | 265       | 202     | 314      | 334      | 614     |
| 1973 | 277     | 274      | 291   | 320   | 806   | 2,560 | 2,420 | 1,220  | 567       | 227     | 278      | 320      | 797     |
| 1974 | 460     | 492      | 331   | 182   | 1,540 | 1,480 | 1,190 | 636    | 296       | 187     | 275      | 252      | 610     |
| 1975 | 253     | 277      | 295   | 561   | 851   | 2,170 | 2,800 | 1,080  | 464       | 246     | 534      | 349      | 823     |
| 1976 | 288     | 292      | 275   | 254   | 723   | 1,740 | 1,080 | 664    | 419       | 613     | 556      | 302      | 600     |
| 1977 | 289     | 242      | 217   | 198   | 243   | 611   | 268   | 217    | 189       | 167     | 195      | 246      | 257     |
| 1978 | 257     | 217      | 206   | 308   | 506   | 2,650 | 1,410 | 754    | 274       | 198     | 226      | 258      | 605     |
| 1979 | 195     | 240      | 357   | 351   | 1,150 | 3,440 | 2,140 | 934    | 372       | 212     | 436      | 418      | 854     |
| 1980 | 390     | 383      | 503   | 597   | 1,450 | 4,290 | 1,840 | 672    | 472       | 391     | 429      | 432      | 987     |

Table 74.--Mean discharge, in cubic feet per second, for station 07097000, Arkansas River at Portland

| [--, missing data] |         |          |       |       |       |       |       |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
| 1939               | --      | --       | --    | --    | --    | 1,400 | 775   | 537    | 240       | 207     | 234      | 232      | --      |
| 1940               | 307     | 261      | 215   | 149   | 651   | 969   | 480   | 338    | 292       | 255     | 262      | 292      | 373     |
| 1941               | 252     | 259      | 306   | 286   | 1,350 | 2,750 | 1,570 | 1,120  | 449       | 691     | 499      | 424      | 829     |
| 1942               | 432     | 349      | 342   | 1,870 | 2,480 | 4,090 | 1,950 | 1,010  | 438       | 433     | 399      | 459      | 1,190   |
| 1943               | 464     | 399      | 410   | 843   | 1,030 | 2,220 | 1,550 | 1,230  | 510       | 334     | 309      | 325      | 802     |
| 1944               | 288     | 268      | 285   | 469   | 1,050 | 2,610 | 1,360 | 848    | 381       | 209     | 232      | 299      | 691     |
| 1945               | 239     | 243      | 225   | 332   | 817   | 1,410 | 1,310 | 1,430  | 613       | 364     | 332      | 328      | 636     |
| 1946               | 269     | 251      | 223   | 579   | 769   | 1,690 | 1,170 | 989    | 200       | 248     | 351      | 285      | 585     |
| 1947               | 261     | 236      | 322   | 407   | 1,320 | 3,030 | 2,530 | 1,250  | 715       | 518     | 471      | 348      | 951     |
| 1948               | 346     | 416      | 458   | 1,040 | 1,910 | 3,160 | 1,400 | 884    | 348       | 274     | 337      | 320      | 908     |
| 1949               | 291     | 313      | 274   | 513   | 968   | 3,700 | 2,610 | 1,140  | 528       | 386     | 414      | 314      | 954     |
| 1950               | 310     | 275      | 249   | 375   | 789   | 1,870 | 966   | 431    | 279       | 165     | 236      | 228      | 514     |
| 1951               | 235     | 239      | 187   | 173   | 896   | 1,750 | 1,690 | 951    | 323       | 191     | 267      | 264      | 597     |
| 1952               | 235     | 254      | 250   | 556   | 1,320 | 3,300 | 1,750 | 1,280  | 454       | --      | --       | --       | --      |
| 1974               | --      | --       | --    | --    | --    | --    | --    | --     | --        | 206     | 328      | 238      | --      |
| 1975               | 219     | 225      | 255   | 494   | 756   | 2,190 | 2,790 | 1,130  | 463       | 236     | 512      | 316      | 799     |
| 1976               | 261     | 254      | 250   | 243   | 737   | 1,770 | 1,080 | 760    | 445       | 660     | 574      | 282      | 609     |
| 1977               | 232     | 193      | 184   | 213   | 245   | 581   | 242   | 281    | 172       | 136     | 191      | 212      | 234     |
| 1978               | 203     | 162      | 147   | 231   | 481   | 2,560 | 1,390 | 733    | 241       | 197     | 232      | 259      | 570     |
| 1979               | 199     | 203      | 293   | 320   | 1,100 | 3,310 | 2,090 | 909    | 375       | 232     | 450      | 373      | 821     |
| 1980               | 318     | 319      | 409   | 637   | 2,260 | 4,430 | 1,840 | 655    | 496       | 455     | 446      | 418      | 1,060   |

Table 75.--Mean discharge, in cubic feet per second, for station 07099100, Beaver Creek near Portland

| [--, missing data] |         |          |       |       |      |      |      |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
| 1970               | --      | --       | --    | --    | --   | --   | --   | --     | --        | --      | 16.3     | 4.41     | --      |
| 1971               | 3.16    | 4.58     | 7.37  | 1.79  | 1.25 | .79  | 1.39 | .14    | .10       | .66     | 1.19     | .58      | 1.92    |
| 1972               | .57     | .52      | .68   | .60   | .39  | 1.80 | .62  | 5.78   | .84       | .22     | .30      | .33      | 1.05    |
| 1973               | .40     | .72      | .93   | 3.15  | 207  | 136  | 50.3 | 28.1   | 12.3      | .87     | 2.36     | 2.38     | 37.0    |
| 1974               | 3.58    | 1.94     | 1.56  | 1.32  | 1.67 | .29  | 2.93 | .36    | .07       | .15     | .32      | .35      | 1.21    |
| 1975               | .34     | .28      | .21   | .17   | 1.35 | .73  | 3.41 | 8.22   | .04       | .12     | .18      | .17      | 1.27    |
| 1976               | .16     | .09      | .26   | .21   | .20  | .87  | .31  | 23.7   | 1.12      | 5.29    | 5.53     | 1.59     | 3.28    |
| 1977               | 1.00    | 1.93     | 1.23  | 2.32  | .70  | .41  | .28  | 1.43   | .16       | .19     | .26      | .23      | .84     |
| 1978               | .17     | .18      | .17   | .12   | .14  | 1.98 | 1.05 | 4.22   | .06       | .06     | .14      | .22      | .71     |
| 1979               | .07     | .04      | .10   | .10   | 3.93 | 68.3 | 5.44 | 1.62   | .25       | .29     | 1.11     | .44      | 6.81    |
| 1980               | .35     | .26      | .34   | 4.76  | 218  | 72.2 | 2.46 | 2.25   | 1.00      | .61     | .56      | .58      | 25.3    |

Table 76.--Mean discharge, in cubic feet per second, for station 07099400, Arkansas River above Pueblo

| [--, missing data] |         |          |       |       |       |       |       |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
| 1965               | --      | --       | --    | --    | --    | --    | --    | --     | --        | 561     | 411      | 459      | --      |
| 1966               | 403     | 340      | 214   | 422   | 854   | 1,140 | 898   | 845    | 260       | 188     | 192      | 265      | 502     |
| 1967               | 290     | 224      | 118   | 68.1  | 671   | 1,330 | 986   | 667    | 525       | 197     | 257      | 299      | 470     |
| 1968               | 296     | 230      | 154   | 262   | 534   | 2,290 | 1,160 | 1,480  | 353       | 189     | 254      | 240      | 620     |
| 1969               | 244     | 178      | 144   | 119   | 1,060 | 1,710 | 1,640 | 1,060  | 375       | 600     | 492      | 383      | 667     |
| 1970               | 371     | 274      | 163   | 461   | 2,010 | 2,690 | 1,740 | 1,040  | 961       | 632     | 510      | 439      | 942     |
| 1971               | 360     | 268      | 249   | 482   | 567   | 1,660 | 1,490 | 850    | 393       | 255     | 424      | 366      | 613     |
| 1972               | 306     | 278      | 173   | 370   | 658   | 2,020 | 866   | 641    | 241       | 149     | 291      | 273      | 522     |
| 1973               | 243     | 224      | 184   | 282   | 1,160 | 2,320 | 2,170 | 1,010  | 482       | 189     | 267      | 345      | 740     |
| 1974               | 318     | 274      | 195   | 164   | 1,210 | 1,270 | 1,020 | 540    | 261       | 159     | 231      | 182      | 485     |
| 1975               | 238     | 231      | 184   | 275   | 645   | 2,060 | 2,580 | 1,030  | 398       | 183     | 292      | 122      | 686     |
| 1976               | 87.8    | 104      | 168   | 463   | 778   | 1,580 | 984   | 795    | 384       | 391     | 232      | 152      | 509     |
| 1977               | 81.7    | 76.5     | 121   | 272   | 453   | 645   | 428   | 200    | 118       | 131     | 178      | 170      | 240     |
| 1978               | 176     | 162      | 81.1  | 125   | 374   | 2,300 | 1,260 | 669    | 158       | 121     | 77.0     | 60.3     | 463     |
| 1979               | 56.6    | 55.9     | 230   | 284   | 1,130 | 3,150 | 1,880 | 1,030  | 385       | 348     | 304      | 58.8     | 742     |
| 1980               | 55.6    | 135      | 265   | 644   | 2,510 | 4,220 | 1,730 | 1,180  | 426       | 304     | 165      | 66.5     | 975     |

Table 77.--Mean discharge, in cubic feet per second, for station 07099500, Arkansas River near Pueblo

| [--, missing data] |         |          |       |       |       |       |       |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
| 1901               | 474     | 414      | 322   | 547   | 2,160 | 2,410 | 1,000 | 776    | 429       | 321     | 328      | 447      | 803     |
| 1902               | 343     | 294      | 258   | 234   | 875   | 542   | 277   | 613    | 271       | 312     | 307      | 333      | 388     |
| 1903               | 327     | 298      | 364   | 402   | 487   | 2,580 | 1,300 | 720    | 295       | 301     | 300      | 300      | 639     |
| 1904               | 290     | 300      | 300   | 350   | 1,260 | 1,710 | 976   | 874    | 578       | 811     | 456      | 424      | 694     |
| 1905               | 233     | 293      | 475   | 1,080 | 2,090 | 3,870 | 844   | 790    | 346       | 274     | 385      | 469      | 928     |
| 1906               | 436     | 334      | 309   | 470   | 1,260 | 2,240 | 1,600 | 934    | 739       | 999     | 939      | 500      | 896     |
| 1907               | 350     | 250      | 302   | 349   | 998   | 2,640 | 3,000 | 1,160  | 691       | 566     | 395      | 416      | 927     |
| 1908               | 325     | 300      | 250   | 402   | 400   | 1,280 | 898   | 531    | 118       | 221     | 249      | 275      | 444     |
| 1909               | 275     | 250      | 250   | 300   | 682   | 2,720 | 1,910 | 1,210  | 1,740     | 716     | 538      | 440      | 919     |
| 1910               | 450     | 438      | 556   | 752   | 1,770 | 1,820 | 667   | 505    | 274       | 272     | 315      | 240      | 671     |
| 1911               | 259     | 275      | 331   | 217   | 1,100 | 2,210 | 2,060 | 977    | 463       | 1,040   | 625      | 398      | 830     |
| 1912               | 310     | 276      | 285   | 301   | 1,160 | 2,930 | 2,240 | 969    | 391       | 664     | 803      | 296      | 885     |
| 1913               | 415     | 330      | 228   | 394   | 1,050 | 1,460 | 953   | 348    | 365       | 359     | 315      | 385      | 550     |
| 1914               | 347     | 352      | 386   | 468   | 1,400 | 3,170 | 3,090 | 1,830  | 509       | 536     | 433      | 400      | 1,080   |
| 1915               | 500     | 367      | 413   | 757   | 915   | 2,180 | 1,350 | 877    | 429       | 495     | 394      | 408      | 758     |
| 1916               | 406     | 328      | 502   | 467   | 1,130 | 2,110 | 1,680 | 1,210  | 351       | 449     | 469      | 400      | 793     |
| 1917               | 394     | 352      | 271   | 286   | 700   | 2,790 | 2,180 | 935    | 452       | 323     | 322      | 256      | 772     |
| 1918               | 284     | 190      | 196   | 219   | 786   | 3,000 | 1,070 | 345    | 351       | 201     | 244      | 201      | 590     |
| 1919               | 391     | 289      | 285   | 848   | 1,510 | 1,680 | 1,400 | 784    | 573       | 405     | 443      | 471      | 757     |
| 1920               | 329     | 251      | 240   | 229   | 948   | 2,570 | 1,500 | 1,260  | 519       | 433     | 511      | 454      | 770     |
| 1921               | 349     | 219      | 187   | 337   | 935   | 6,670 | 2,790 | 1,320  | 522       | 410     | 526      | 564      | 1,240   |
| 1922               | 449     | 385      | 299   | 250   | 1,140 | 1,980 | 1,150 | 744    | 358       | 215     | 393      | 358      | 644     |
| 1923               | 242     | 217      | 203   | 266   | 933   | 2,000 | 2,560 | 2,040  | 1,210     | 978     | 855      | 562      | 1,010   |
| 1924               | 445     | 512      | 342   | 781   | 1,430 | 2,960 | 1,080 | 763    | 224       | 283     | 324      | 279      | 786     |
| 1925               | 357     | 234      | 219   | 103   | 548   | 1,010 | 954   | 583    | 406       | 352     | 282      | 311      | 447     |
| 1926               | 272     | 221      | 204   | 502   | 1,160 | 1,960 | 1,410 | 883    | 226       | 195     | 354      | 291      | 639     |
| 1927               | 304     | 193      | 317   | 225   | 1,050 | 2,100 | 1,580 | 985    | 570       | 606     | 492      | 373      | 733     |
| 1928               | 367     | 246      | 249   | 207   | 1,290 | 1,880 | 1,460 | 982    | 412       | 263     | 367      | 354      | 673     |
| 1929               | 325     | 340      | 276   | 229   | 958   | 1,800 | 1,430 | 2,480  | 1,380     | 643     | 663      | 456      | 915     |
| 1930               | 368     | 433      | 248   | 424   | 668   | 1,440 | 985   | 1,450  | 517       | 278     | 387      | 325      | 628     |
| 1931               | 262     | 186      | 237   | 270   | 745   | 819   | 299   | 137    | 129       | 158     | 223      | 256      | 310     |
| 1932               | 212     | 183      | 159   | 138   | 906   | 1,780 | 1,410 | 711    | 264       | 217     | 257      | 195      | 536     |
| 1933               | 182     | 194      | 89.4  | 108   | 692   | 2,200 | 896   | 538    | 167       | 84.7    | 174      | 224      | 462     |
| 1934               | 227     | 165      | 92.7  | 158   | 841   | 344   | 133   | 189    | 85.1      | 111     | 91.0     | 107      | 212     |
| 1935               | 119     | 86.6     | 49.9  | 78.4  | 469   | 2,280 | 1,560 | 979    | 466       | 272     | 366      | 251      | 581     |
| 1936               | 188     | 186      | 70.3  | 369   | 1,800 | 1,800 | 1,210 | 1,690  | 424       | 477     | 445      | 340      | 749     |
| 1937               | 236     | 330      | 238   | 360   | 1,200 | 1,130 | 762   | 564    | 233       | 193     | 239      | 284      | 481     |
| 1938               | 245     | 225      | 174   | 251   | 789   | 2,610 | 1,360 | 954    | 892       | 431     | 497      | 338      | 731     |
| 1939               | 297     | 359      | 274   | 320   | 1,460 | 1,330 | 647   | 485    | 176       | 132     | 150      | 194      | 486     |
| 1940               | 259     | 282      | 163   | 80.0  | 551   | 887   | 403   | 271    | 283       | 178     | 244      | 249      | 321     |
| 1941               | 183     | 163      | 186   | 236   | 1,380 | 2,710 | 1,430 | 1,030  | 327       | 649     | 528      | 434      | 771     |
| 1942               | 425     | 323      | 308   | 2,400 | 3,390 | 3,880 | 1,800 | 1,060  | 398       | 367     | 364      | 437      | 1,260   |
| 1943               | 436     | 377      | 349   | 738   | 938   | 1,970 | 1,350 | 1,090  | 470       | 305     | 322      | 341      | 724     |
| 1944               | 278     | 242      | 245   | 467   | 956   | 2,280 | 1,270 | 823    | 338       | 137     | 201      | 330      | 630     |
| 1945               | 254     | 224      | 168   | 257   | 706   | 1,340 | 1,180 | 1,390  | 579       | 296     | 304      | 301      | 584     |
| 1946               | 263     | 265      | 168   | 426   | 763   | 1,610 | 1,060 | 985    | 127       | 251     | 355      | 255      | 543     |
| 1947               | 227     | 229      | 279   | 330   | 1,440 | 3,110 | 2,310 | 1,230  | 688       | 455     | 433      | 386      | 927     |
| 1948               | 336     | 384      | 424   | 1,060 | 1,740 | 3,050 | 1,290 | 821    | 212       | 172     | 304      | 333      | 843     |
| 1949               | 265     | 264      | 190   | 480   | 913   | 3,310 | 2,460 | 886    | 418       | 318     | 347      | 308      | 846     |
| 1950               | 291     | 191      | 100   | 267   | 675   | 1,640 | 989   | 341    | 208       | 76.4    | 156      | 156      | 424     |
| 1951               | 229     | 210      | 117   | 113   | 688   | 1,440 | 1,340 | 952    | 237       | 121     | 253      | 297      | 500     |
| 1952               | 255     | 208      | 129   | 474   | 1,200 | 3,070 | 1,660 | 1,150  | 399       | 187     | 254      | 358      | 779     |
| 1953               | 277     | 190      | 108   | 120   | 482   | 2,290 | 1,200 | 700    | 228       | 123     | 322      | 328      | 531     |
| 1954               | 290     | 156      | 77.5  | 61.0  | 704   | 702   | 589   | 243    | 109       | 144     | 71.6     | 176      | 277     |
| 1955               | 194     | 206      | 102   | 86.8  | 632   | 1,020 | 713   | 816    | 239       | 64.4    | 205      | 242      | 376     |
| 1956               | 235     | 287      | 146   | 214   | 1,080 | 1,990 | 577   | 434    | 98.7      | 120     | 106      | 95.1     | 448     |
| 1957               | 185     | 202      | 58.5  | 328   | 1,480 | 4,420 | 5,780 | 2,610  | 752       | 463     | 553      | 490      | 1,440   |
| 1958               | 476     | 417      | 329   | 357   | 1,730 | 1,870 | 693   | 565    | 278       | 161     | 261      | 338      | 623     |
| 1959               | 322     | 273      | 184   | 300   | 390   | 1,610 | 855   | 650    | 242       | 611     | 483      | 376      | 525     |
| 1960               | 300     | 266      | 405   | 401   | 675   | 2,090 | 1,100 | 736    | 286       | 226     | 261      | 305      | 588     |
| 1961               | 315     | 260      | 242   | 219   | 672   | 1,590 | 673   | 1,110  | 1,140     | 644     | 643      | 585      | 675     |
| 1962               | 471     | 473      | 316   | 882   | 1,200 | 2,170 | 1,810 | 909    | 382       | 218     | 267      | 346      | 787     |
| 1963               | 291     | 295      | 173   | 102   | 833   | 678   | 491   | 645    | 342       | 99.5    | 156      | 185      | 358     |
| 1964               | 212     | 165      | 147   | 163   | 790   | 1,370 | 956   | 829    | 200       | 118     | 188      | 215      | 446     |
| 1965               | 209     | 251      | 210   | 356   | 1,060 | 2,730 | 3,320 | 2,570  | 1,030     | 574     | 421      | 466      | 1,100   |
| 1966               | 415     | 349      | 226   | 426   | 915   | 1,220 | 1,030 | 935    | 267       | 169     | 188      | 257      | 533     |
| 1967               | 288     | 213      | 100   | 68.0  | 639   | 1,360 | 1,040 | 740    | 531       | 212     | 251      | 298      | 478     |
| 1968               | 307     | 254      | 180   | 263   | 626   | 2,310 | 1,340 | 1,680  | 390       | 194     | 308      | 289      | 678     |
| 1969               | 289     | 210      | 161   | 120   | 1,040 | 1,740 | 1,660 | 1,110  | 396       | 601     | 513      | 407      | 687     |
| 1970               | 399     | 265      | 173   | 469   | 1,890 | 2,780 | 1,800 | 1,110  | 1,020     | 708     | 514      | 438      | 964     |
| 1971               | 408     | 287      | 244   | 490   | 594   | 1,820 | 1,560 | 911    | 406       | 273     | 425      | 335      | 646     |
| 1972               | 302     | 263      | 192   | 401   | 654   | 2,120 | 909   | 654    | 226       | 196     | 316      | 360      | 549     |
| 1973               | 248     | 285      | 201   | 261   | 1,240 | 2,380 | 2,390 | 1,090  | 526       | 203     | 256      | 334      | 777     |
| 1974               | 312     | 263      | 181   | 145   | 1,180 | 1,310 | 1,030 | 520    | 249       | 155     | 218      | 158      | 476     |
| 1975               | 219     | 213      | 159   | 251   | 597   | 1,970 | 2,560 | 1,030  | 372       | --      | --       | --       | --      |

Table 78.--Mean discharge, in cubic feet per second, for station 07103700, Fountain Creek near Colorado Springs

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| 1958 | --      | --       | --    | 22.2  | 54.3 | 28.5 | 16.6 | 16.8   | 11.8      | 10.7    | 9.22     | 10.8     | --      |
| 1959 | 8.13    | 8.87     | 9.93  | 14.6  | 14.1 | 16.6 | 11.8 | 10.4   | 7.57      | 12.3    | 8.36     | 6.37     | 10.8    |
| 1960 | 6.59    | 7.10     | 11.2  | 15.9  | 17.2 | 14.2 | 13.2 | 7.48   | 7.42      | 7.90    | 6.96     | 6.48     | 10.1    |
| 1961 | 6.05    | 4.85     | 6.14  | 9.55  | 10.6 | 24.3 | 30.3 | 27.1   | 30.3      | 21.3    | 10.4     | 8.47     | 15.8    |
| 1962 | 9.83    | 7.93     | 8.27  | 12.3  | 14.4 | 12.5 | 8.66 | 7.31   | 10.2      | 6.45    | 6.17     | 7.77     | 9.32    |
| 1963 | 5.21    | 5.20     | 6.26  | 5.90  | 7.75 | 7.01 | 8.77 | 11.2   | 9.56      | 5.44    | 7.05     | 5.64     | 7.08    |
| 1964 | 5.17    | 4.76     | 5.21  | 8.36  | 8.57 | 13.7 | 6.48 | 13.2   | 8.58      | 6.49    | 4.98     | 5.75     | 7.60    |
| 1965 | 6.04    | 4.97     | 4.91  | 11.2  | 18.9 | 56.6 | 31.7 | 60.9   | 29.8      | 15.3    | 13.4     | 13.9     | 22.3    |
| 1966 | 12.5    | 9.70     | 11.2  | 9.29  | 10.5 | 9.89 | 19.0 | 25.3   | 16.3      | 7.79    | 7.31     | 5.23     | 12.0    |
| 1967 | 5.55    | 5.32     | 7.45  | 11.1  | 13.8 | 15.9 | 12.7 | 21.3   | 8.37      | 9.18    | 9.95     | 7.74     | 10.7    |
| 1968 | 8.90    | 6.88     | 8.85  | 10.2  | 9.93 | 12.9 | 7.93 | 24.4   | 11.4      | 7.71    | 5.78     | 5.06     | 9.99    |
| 1969 | 5.59    | 6.52     | 7.92  | 7.32  | 33.8 | 25.5 | 22.7 | 15.8   | 13.0      | 19.7    | 13.5     | 8.73     | 15.0    |
| 1970 | 8.16    | 8.54     | 7.58  | 16.4  | 23.2 | 18.3 | 19.6 | 13.8   | 11.3      | 11.0    | 9.11     | 6.71     | 12.8    |
| 1971 | 6.39    | 6.89     | 7.88  | 11.2  | 18.2 | 13.2 | 17.1 | 13.8   | 10.5      | 7.51    | 10.1     | 7.26     | 10.8    |
| 1972 | 6.08    | 4.44     | 5.88  | 7.20  | 7.93 | 10.2 | 7.45 | 7.95   | 9.13      | 5.56    | 6.48     | 4.76     | 6.92    |
| 1973 | 5.57    | 5.60     | 6.47  | 13.3  | 87.8 | 75.6 | 45.2 | 24.5   | 10.9      | 22.8    | 18.8     | 13.3     | 27.5    |
| 1974 | 9.21    | 9.81     | 12.9  | 12.4  | 9.75 | 9.21 | 10.3 | 5.48   | 6.30      | 6.27    | 5.64     | 6.04     | 8.61    |
| 1975 | 5.35    | 4.91     | 5.39  | 7.06  | 11.1 | 23.3 | 16.6 | 6.47   | 6.58      | 5.47    | 6.82     | 5.95     | 8.75    |
| 1976 | 4.51    | 5.76     | 7.28  | 8.15  | 8.64 | 7.16 | 8.43 | 20.5   | 10.2      | 10.2    | 7.60     | 5.75     | 8.68    |
| 1977 | 7.07    | 7.85     | 7.66  | 11.9  | 10.0 | 12.1 | 12.0 | 9.40   | 5.95      | 6.66    | 7.22     | 5.71     | 8.63    |
| 1978 | 6.09    | 5.89     | 8.82  | 8.84  | 9.53 | 8.11 | 8.37 | 7.68   | 5.00      | 5.29    | 5.31     | 5.82     | 7.06    |
| 1979 | 4.54    | 4.78     | 6.75  | 18.0  | 21.3 | 47.2 | 14.9 | 9.62   | 14.1      | 12.1    | 10.5     | 6.92     | 14.2    |
| 1980 | 7.25    | 7.48     | 7.64  | 21.4  | 172  | 60.8 | 36.3 | 17.4   | 18.9      | 13.6    | 11.6     | 10.2     | 32.0    |

Table 79.--Mean discharge, in cubic feet per second, for station 07104000, Monument Creek at Pikeview

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| 1938 | --      | --       | --    | --    | --   | --   | --   | --     | --        | 8.46    | 10.0     | 8.64     | --      |
| 1939 | 11.0    | 10.2     | 29.5  | 61.7  | 39.7 | 7.90 | 2.01 | 3.74   | 1.74      | 1.90    | 5.42     | 5.24     | 15.0    |
| 1940 | 4.50    | 4.06     | 20.2  | 25.3  | 31.4 | 26.8 | 4.20 | 1.11   | 8.44      | 7.57    | 6.41     | 9.24     | 12.4    |
| 1941 | 6.36    | 8.89     | 8.18  | 21.8  | 68.7 | 25.2 | 28.0 | 34.1   | 17.6      | 34.5    | 30.7     | 16.9     | 25.1    |
| 1942 | 11.6    | 14.6     | 19.7  | 259   | 307  | 92.9 | 36.8 | 22.9   | 16.2      | 21.5    | 20.6     | 12.1     | 69.6    |
| 1943 | 19.2    | 7.55     | 9.71  | 16.1  | 19.8 | 15.1 | 8.94 | 3.84   | 2.10      | 3.92    | 9.62     | 7.34     | 10.3    |
| 1944 | 6.47    | 11.7     | 6.67  | 43.6  | 193  | 54.8 | 30.6 | 3.51   | 2.38      | 3.29    | 7.49     | 10.0     | 31.1    |
| 1945 | 13.6    | 16.6     | 7.89  | 19.0  | 17.4 | 9.48 | 10.2 | 80.6   | 14.5      | 17.1    | 14.0     | 9.66     | 19.2    |
| 1946 | 7.01    | 5.96     | 10.7  | 12.6  | 12.7 | 5.84 | 4.15 | 17.6   | 9.32      | 7.37    | 21.4     | 15.1     | 10.8    |
| 1947 | 8.94    | 14.0     | 17.2  | 48.3  | 338  | 104  | 80.1 | 34.6   | 15.7      | 44.7    | 23.2     | 14.1     | 61.9    |
| 1948 | 16.9    | 19.2     | 33.9  | 47.6  | 62.4 | 15.5 | 8.75 | 7.20   | 3.13      | 3.57    | 5.21     | 9.21     | 19.4    |
| 1949 | 7.19    | 10.5     | 9.16  | 16.4  | 39.5 | 53.5 | 17.3 | 5.08   | 4.55      | --      | --       | --       | --      |
| 1976 | --      | 8.05     | 9.40  | 11.6  | 14.6 | 5.20 | 2.64 | 19.5   | 6.42      | 5.67    | 7.52     | 5.56     | --      |
| 1977 | 5.29    | 7.67     | 14.8  | 44.2  | 37.5 | 12.5 | 7.30 | 9.67   | 3.56      | 3.43    | 5.31     | 6.02     | 13.1    |
| 1978 | 5.35    | 7.69     | 9.45  | 10.2  | 26.6 | 9.78 | 7.59 | 4.96   | 1.92      | 2.17    | 4.27     | 3.95     | 7.83    |
| 1979 | 4.40    | 11.5     | 18.1  | 37.7  | 29.3 | 43.1 | 16.2 | 10.2   | 4.64      | 5.62    | 7.09     | 10.6     | 16.5    |
| 1980 | 8.11    | 11.6     | 14.9  | 42.6  | 256  | 45.2 | 14.8 | 17.2   | 6.94      | 7.80    | 12.0     | 13.0     | 37.5    |

Table 80.--Mean discharge, in cubic feet per second, for station 07105800, Fountain Creek at Security

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| 1964 | --      | --       | --    | --    | --   | --   | --   | --     | --        | 12.6    | 15.1     | 23.0     | --      |
| 1965 | 23.4    | 19.1     | 21.3  | 39.2  | 56.7 | 487  | 196  | 150    | 76.2      | 56.5    | 20.1     | 22.0     | 97.3    |
| 1966 | 53.1    | 64.9     | 52.5  | 26.1  | 24.7 | 28.7 | 35.9 | 55.1   | 40.1      | 43.9    | 20.4     | 23.1     | 39.0    |
| 1967 | 40.5    | 33.5     | 23.5  | 30.1  | 53.4 | 125  | 83.2 | 55.9   | 17.9      | 26.1    | 24.7     | 24.4     | 44.8    |
| 1968 | 18.1    | 31.8     | 39.9  | 33.5  | 32.1 | 17.8 | 55.0 | 60.6   | 13.1      | 15.5    | 23.3     | 19.9     | 30.0    |
| 1969 | 21.6    | 31.3     | 34.5  | 40.6  | 165  | 104  | 50.1 | 26.4   | 45.1      | 50.9    | 48.4     | 48.7     | 55.5    |
| 1970 | 66.5    | 52.7     | 76.8  | 96.1  | 84.5 | 74.0 | 38.1 | 43.7   | 71.3      | 35.1    | 31.7     | 20.2     | 57.6    |
| 1971 | 55.5    | 53.8     | 44.2  | 44.2  | 98.3 | 74.5 | 49.8 | 39.7   | 42.1      | 40.1    | 44.7     | 49.1     | 53.0    |
| 1972 | 13.7    | 14.1     | 26.7  | 25.3  | 41.8 | 142  | 30.1 | 28.2   | 59.6      | 32.1    | 37.3     | 33.1     | 40.3    |
| 1973 | 32.2    | 48.2     | 63.8  | 93.9  | 409  | 354  | 106  | 68.3   | 46.0      | 73.2    | 38.5     | 22.8     | 113     |
| 1974 | 49.9    | 73.1     | 74.1  | 92.3  | 62.1 | 50.7 | 66.1 | 23.5   | 19.2      | 34.7    | 41.1     | 26.8     | 51.1    |
| 1975 | 23.8    | 36.2     | 39.6  | 34.1  | 43.5 | 114  | 61.4 | 49.4   | 32.7      | 27.6    | 27.8     | 17.8     | 42.3    |
| 1976 | 11.9    | 44.2     | 43.2  | 39.9  | 38.5 | 43.0 | 38.8 | 133    | 52.1      | 54.9    | 32.5     | 23.7     | 46.3    |
| 1977 | 43.8    | 57.7     | 45.2  | 116   | 58.9 | 51.1 | 55.2 | 50.0   | 27.0      | 38.2    | 55.8     | 36.7     | 53.0    |
| 1978 | 20.5    | 18.3     | 28.8  | 23.7  | 85.1 | 27.9 | 57.6 | 59.4   | 32.0      | 46.2    | 39.0     | 25.6     | 38.7    |
| 1979 | 16.7    | 39.7     | 75.2  | 126   | 132  | 115  | 43.3 | 45.1   | 42.6      | 47.4    | 38.8     | 42.4     | 63.7    |
| 1980 | 49.9    | 55.8     | 76.9  | 176   | 795  | 208  | 139  | 117    | 72.7      | 56.2    | 50.7     | 42.7     | 153     |

Table 81.--Mean discharge, in cubic feet per second, for station 07106000, Fountain Creek near Fountain

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| 1938 | --      | --       | --    | --    | --   | --   | --   | --     | --        | 19.9    | 22.1     | 38.5     | --      |
| 1939 | 26.5    | 47.3     | 59.1  | 91.5  | 24.6 | 6.82 | 4.40 | 10.4   | 1.31      | 3.78    | 10.0     | 8.00     | 24.5    |
| 1940 | 25.0    | 30.0     | 12.6  | 16.1  | 96.8 | 20.6 | 63.1 | 4.87   | 22.3      | 16.3    | 14.7     | 7.88     | 27.5    |
| 1941 | 12.4    | 6.07     | 6.39  | 114   | 242  | 118  | 57.1 | 59.4   | 36.4      | 96.8    | 134      | 57.1     | 78.3    |
| 1942 | 33.5    | 50.5     | 78.7  | 590   | 602  | 329  | 131  | 125    | 42.3      | 75.3    | 95.6     | 57.6     | 184     |
| 1943 | 70.5    | 54.2     | 55.8  | 22.3  | 49.2 | 19.9 | 31.5 | 41.5   | 13.2      | 9.19    | 24.1     | 36.7     | 35.7    |
| 1944 | 30.5    | 26.7     | 19.9  | 108   | 468  | 172  | 117  | 34.1   | 23.2      | 20.6    | 22.2     | 27.4     | 89.1    |
| 1945 | 19.3    | 27.5     | 16.4  | 19.1  | 22.5 | 17.0 | 64.3 | 476    | 20.5      | 32.0    | 30.5     | 32.9     | 64.8    |
| 1946 | 38.0    | 24.6     | 13.7  | 22.0  | 30.4 | 8.76 | 25.8 | 90.5   | 13.0      | 14.1    | 38.2     | 15.3     | 27.9    |
| 1947 | 21.8    | 30.2     | 46.6  | 29.8  | 736  | 251  | 306  | 97.5   | 25.1      | 90.4    | 120      | 69.7     | 152     |
| 1948 | 64.3    | 88.0     | 107   | 122   | 110  | 133  | 23.7 | 58.8   | 13.0      | 14.1    | 32.5     | 57.6     | 68.7    |
| 1949 | 31.3    | 32.0     | 22.7  | 14.1  | 22.4 | 171  | 45.6 | 32.3   | 24.5      | 15.3    | 19.5     | 23.9     | 37.9    |
| 1950 | 24.2    | 27.0     | 12.4  | 11.1  | 9.78 | 9.12 | 26.9 | 25.4   | 26.4      | 10.1    | 14.7     | 8.65     | 17.1    |
| 1951 | 16.7    | 10.0     | 13.5  | 8.28  | 23.9 | 16.6 | 27.1 | 49.6   | 3.60      | 10.1    | 13.5     | 8.44     | 16.8    |
| 1952 | 6.99    | 8.37     | 14.6  | 15.0  | 41.5 | 9.06 | 3.47 | 35.6   | 6.81      | 7.78    | 12.1     | 5.14     | 13.9    |
| 1953 | 7.28    | 17.9     | 8.17  | 10.5  | 12.0 | 4.50 | 20.2 | 16.0   | 1.99      | 3.70    | 11.0     | 11.0     | 10.4    |
| 1954 | 7.60    | 6.10     | 7.50  | 4.30  | 17.5 | 54.1 | 5.83 | 3.15   | 2.55      | --      | --       | --       | --      |

Table 82.--Mean discharge, in cubic feet per second, for station 07106300, Fountain Creek near Pinon

[--, missing data]

| Year | January | February | March | April | May   | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|-------|------|------|--------|-----------|---------|----------|----------|---------|
| 1973 | --      | --       | --    | 112   | 765   | 186  | 71.3 | 35.7   | 20.7      | 42.7    | 33.0     | 56.7     | --      |
| 1974 | 99.3    | 108      | 80.6  | 77.5  | 33.2  | 14.8 | 10.0 | 3.87   | 2.29      | 8.33    | 13.4     | 61.9     | 42.8    |
| 1975 | 53.5    | 61.7     | 34.6  | 3.36  | .96   | 89.0 | 42.0 | 18.7   | .00       | .81     | 13.9     | 49.5     | 30.7    |
| 1976 | 43.0    | 75.7     | 32.6  | 10.1  | 8.41  | 14.7 | 4.34 | 148    | 52.5      | 63.7    | 19.3     | 30.0     | 41.9    |
| 1977 | 52.4    | 54.5     | 55.8  | 73.9  | 13.7  | 26.1 | 77.3 | 69.7   | 2.58      | 10.4    | 37.8     | 58.4     | 44.4    |
| 1978 | 20.1    | 35.2     | 20.0  | 10.0  | 89.5  | 8.39 | 29.7 | 31.5   | .12       | 6.35    | 5.77     | 38.4     | 24.6    |
| 1979 | 19.0    | 70.0     | 108   | 159   | 146   | 135  | 28.1 | 23.2   | 3.89      | 9.83    | 84.1     | 57.6     | 70.3    |
| 1980 | 112     | 92.9     | 73.9  | 149   | 1,350 | 202  | 25.6 | 95.6   | 37.9      | 20.6    | 43.9     | 51.3     | 188     |



Table 83.--Mean discharge, in cubic feet per second, for station 07106500, Fountain Creek at Pueblo

| Year | [--, missing data] |          |       |       |      |      |      |        |           |         |          |          |
|------|--------------------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|
|      | January            | February | March | April | May  | June | July | August | September | October | November | December |
| 1922 | 22.3               | 33.0     | 14.8  | 34.6  | 73.3 | 17.0 | 11.4 | 72.9   | 2.27      | 7.65    | 5.47     | 14.0     |
| 1923 | 10.6               | 22.2     | 17.1  | 4.93  | 40.7 | 153  | 388  | 212    | 145       | 183     | 177      | 89.0     |
| 1924 | 36.9               | 75.1     | 72.6  | 98.9  | 185  | 216  | 1.90 | 7.77   | 1.00      | 7.65    | 7.27     | 25.5     |
| 1925 | 38.9               | 34.9     | 4.84  | 1.17  | 19.1 | 8.80 | 65.2 | 55.3   | 8.10      | --      | --       | --       |
| 1941 | 18.9               | 10.9     | 15.9  | 104   | 263  | 93.7 | 80.5 | 138    | 31.4      | 128     | 117      | 71.2     |
| 1942 | 56.6               | 65.0     | 61.7  | 564   | 677  | 286  | 103  | 214    | 64.4      | 87.7    | 115      | 91.2     |
| 1943 | 52.8               | 71.7     | 37.1  | 8.45  | 36.2 | 2.26 | .99  | 3.63   | 1.07      | 1.04    | 12.9     | 35.2     |
| 1944 | 32.0               | 31.8     | 30.6  | 119   | 384  | 129  | 63.6 | 38.2   | 20.2      | 2.84    | 9.08     | 26.2     |
| 1945 | 31.1               | 46.1     | 20.0  | 21.7  | 9.63 | 2.62 | 83.8 | 279    | 2.97      | 15.0    | 20.3     | 49.3     |
| 1946 | 45.4               | 30.4     | 8.02  | 1.72  | 3.66 | 4.39 | 12.9 | 179    | 6.48      | 6.10    | 55.3     | 30.0     |
| 1947 | 49.0               | 50.9     | 47.0  | 4.78  | 628  | 309  | 305  | 91.9   | 12.0      | 66.7    | 94.9     | 89.0     |
| 1948 | 75.9               | 109      | 82.9  | 98.8  | 91.8 | 148  | 2.96 | 138    | 7.0       | 2.03    | 19.8     | 56.4     |
| 1949 | 35.3               | 33.1     | 13.8  | 10.3  | 15.0 | 33.5 | 8.90 | 1.12   | 4.44      | 3.28    | 9.84     | 32.0     |
| 1950 | 39.0               | 25.3     | 4.78  | 1.58  | .28  | .94  | 19.9 | 2.80   | 18.5      | 1.27    | 2.06     | 8.66     |
| 1951 | 26.0               | 22.0     | 6.95  | 2.41  | 3.41 | 8.52 | 34.6 | 23.5   | 1.36      | 1.27    | 2.02     | 11.3     |
| 1952 | 8.95               | 7.97     | 6.18  | 33.9  | 2.20 | 1.50 | 1.42 | 13.4   | .65       | .84     | 2.27     | 4.26     |
| 1953 | 3.91               | 2.85     | 1.95  | 1.71  | 4.10 | .75  | 10.9 | 18.0   | .70       | .80     | 1.10     | 4.43     |
| 1954 | 1.90               | 1.40     | 1.00  | 1.60  | 14.7 | 23.0 | 4.74 | 10.9   | .90       | .90     | .90      | 1.40     |
| 1955 | 1.90               | 2.00     | 1.70  | 1.10  | 147  | 3.12 | 14.7 | 143    | 3.66      | .97     | 2.39     | 1.10     |
| 1956 | 3.70               | 8.80     | 6.40  | 8.80  | 1.60 | 1.10 | 3.43 | 73.6   | 1.10      | .85     | 1.12     | 4.40     |
| 1957 | 2.31               | 1.71     | 2.01  | 91.4  | 620  | 313  | 151  | 123    | 13.2      | 91.0    | 86.1     | 2.87     |
| 1958 | 107                | 95.9     | 69.2  | 53.0  | 325  | 53.3 | 3.35 | 18.1   | 4.65      | 3.64    | 8.34     | 72.7     |
| 1959 | 56.1               | 54.5     | 57.9  | 103   | 28.3 | 2.40 | 1.45 | 5.72   | .68       | 41.2    | 37.0     | 32.2     |
| 1960 | 38.9               | 31.8     | 57.8  | 33.4  | 34.8 | 7.85 | 11.6 | .71    | .83       | 3.98    | 4.21     | 53.4     |
| 1961 | 34.8               | 21.5     | 19.2  | 5.54  | 1.49 | 96.0 | 91.7 | 101    | 54.7      | 45.5    | 27.3     | 21.8     |
| 1962 | 41.2               | 43.8     | 50.5  | 14.0  | 2.13 | 8.01 | 18.2 | 2.08   | .86       | .61     | 3.51     | 39.9     |
| 1963 | 35.5               | 28.6     | 17.2  | 3.94  | 2.13 | .71  | 4.79 | 122    | 84.1      | 6.17    | 7.03     | 8.85     |
| 1964 | 29.4               | 26.7     | 47.0  | 7.23  | 8.81 | 2.08 | .96  | 21.7   | .97       | .98     | 1.70     | 24.0     |
| 1965 | 2.23               | 6.92     | 10.3  | 7.55  | 7.11 | 859  | --   | --     | --        | --      | --       | 2.65     |
| 1971 | --                 | 72.2     | 56.2  | 23.8  | 33.7 | 21.9 | 32.9 | 5.83   | 2.61      | 7.21    | 42.8     | 76.6     |
| 1972 | 59.0               | 36.3     | 19.5  | 8.69  | 20.2 | 81.2 | 44.3 | 53.9   | 140       | 19.8    | 88.9     | 47.9     |
| 1973 | 99.5               | 107      | 102   | 112   | 716  | 147  | 89.4 | 42.0   | 14.7      | 40.2    | 34.9     | 49.8     |
| 1974 | 86.5               | 104      | 72.0  | 71.2  | 28.7 | 17.0 | 14.1 | 6.57   | 4.32      | 11.5    | 13.9     | 46.2     |
| 1975 | 49.4               | 81.4     | 45.8  | 9.75  | 2.58 | 69.4 | 87.5 | 11.2   | .69       | .79     | 20.5     | 42.4     |
| 1976 | 35.5               | 55.6     | 28.4  | 14.4  | 5.40 | 14.9 | 2.21 | 152    | 52.2      | 46.4    | 37.0     | 51.4     |
| 1977 | 81.4               | 63.2     | 46.4  | 90.2  | 19.8 | 13.5 | 40.9 | 109    | 5.04      | 10.9    | 53.3     | 66.2     |
| 1978 | 47.3               | 43.0     | 26.2  | 9.20  | 61.8 | 23.3 | 25.8 | 30.5   | .37       | 8.07    | 10.2     | 40.2     |
| 1979 | 17.9               | 74.7     | 104   | 134   | 120  | 145  | 25.7 | 18.4   | 2.91      | 9.67    | 53.2     | 69.4     |
| 1980 | 99.2               | 118      | 95.1  | 175   | 970  | 196  | 46.2 | 168    | 47.0      | 19.0    | 59.4     | 71.0     |
|      |                    |          |       |       |      |      |      |        |           |         |          | 172      |

Table 84.--Mean discharge, in cubic feet per second, for station 07108500, St. Charles River near Pueblo

| [--, missing data] |         |          |       |       |      |      |      |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
| 1941               | 5.25    | 2.73     | 5.87  | 36.6  | 256  | 119  | 67.2 | 111    | 10.4      | --      | --       | --       | --      |
| 1942               | --      | --       | --    | 790   | 661  | 245  | 27.6 | 53.1   | 14.8      | 45.9    | 15.2     | 10.7     | --      |
| 1943               | 13.1    | 7.53     | 7.81  | 7.70  | 14.1 | 2.96 | .25  | 13.9   | .92       | .24     | 1.38     | 6.84     | 6.39    |
| 1944               | 4.52    | 4.40     | 3.97  | 85.8  | 297  | 115  | 42.5 | 9.90   | 2.42      | .94     | 3.33     | 8.71     | 48.2    |
| 1945               | 9.40    | 5.60     | 3.66  | 7.51  | 7.92 | 23.2 | 44.5 | 157    | 1.82      | 12.8    | 7.58     | 6.20     | 23.9    |
| 1946               | 4.64    | 4.93     | 4.38  | 5.31  | 5.18 | 1.83 | 5.49 | 69.2   | 1.82      | 1.16    | 5.36     | 5.11     | 9.53    |
| 1947               | 3.44    | 3.96     | 11.1  | 33.0  | 323  | 600  | 138  | 17.3   | 3.85      | 6.53    | 5.52     | 8.61     | 96.2    |
| 1948               | 9.19    | 11.1     | 18.2  | 27.1  | 31.8 | 40.4 | 17.6 | 56.8   | .75       | 1.58    | 2.76     | 2.63     | 18.3    |
| 1949               | 2.00    | 4.69     | 2.90  | 3.59  | 27.5 | 94.7 | 35.7 | 1.50   | 8.08      | 3.58    | 5.43     | 3.41     | 16.1    |
| 1950               | 4.46    | 5.26     | 2.05  | 1.47  | .81  | 5.26 | 154  | 6.55   | 110       | 1.20    | 1.10     | 1.00     | 24.4    |
| 1951               | 2.70    | 3.50     | 2.81  | 2.40  | 49.9 | 72.0 | 43.1 | 38.9   | .40       | .30     | 4.32     | 3.50     | 18.7    |
| 1952               | 4.89    | 2.68     | 2.04  | 33.8  | 137  | 56.1 | 7.03 | 21.4   | 2.90      | .30     | .26      | 2.42     | 22.6    |
| 1953               | 2.32    | 7.40     | 1.34  | .63   | 4.22 | 6.52 | 16.4 | 129    | 1.06      | --      | --       | --       | --      |

Table 85.--Mean discharge, in cubic feet per second, for station 07108800, St. Charles River near Vineland

| [--, missing data] |         |          |       |       |      |      |      |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
| 1968               | --      | --       | 24.5  | 27.1  | 136  | 78.7 | 41.3 | 148    | 10.4      | 5.69    | 4.42     | 4.28     | --      |
| 1969               | 6.95    | 6.70     | 6.85  | 8.61  | 58.1 | 77.9 | 11.5 | 4.43   | 36.9      | 19.4    | 19.8     | 9.35     | 22.2    |
| 1970               | 8.70    | 17.6     | 10.8  | 65.2  | 99.4 | 29.9 | 9.48 | 96.4   | 6.23      | 12.3    | 12.7     | 7.09     | 31.3    |
| 1971               | 7.77    | 9.55     | 18.8  | 13.4  | 7.78 | 4.18 | 9.40 | 1.51   | 1.85      | 2.63    | 3.90     | 3.32     | 7.01    |
| 1972               | 4.20    | 4.72     | 2.27  | 2.13  | 2.23 | 1.69 | 30.6 | 88.9   | 3.92      | 1.49    | 2.16     | 3.65     | 12.3    |
| 1973               | 13.7    | 6.40     | 4.95  | 16.0  | 187  | 89.1 | 11.9 | 5.98   | 2.48      | 3.73    | 6.73     | 7.28     | 29.6    |
| 1974               | 7.78    | 8.93     | 9.69  | 4.98  | 6.26 | 3.47 | 7.38 | 1.64   | 1.77      | --      | --       | --       | --      |

Table 86.--Mean discharge, in cubic feet per second, for station 07108900, St. Charles River at Vineland

| [--, missing data] |         |          |       |       |      |      |      |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
| 1978               | --      | --       | --    | --    | --   | --   | --   | --     | --        | 3.50    | 5.59     | 6.85     | --      |
| 1979               | 8.81    | 8.16     | 10.9  | 7.11  | 13.2 | 21.5 | 10.5 | 11.4   | 6.77      | 6.64    | 9.27     | 8.03     | 10.2    |
| 1980               | 8.02    | 9.72     | 12.9  | 84.8  | 484  | 87.6 | 7.62 | 23.2   | 6.36      | 6.74    | 7.88     | 6.81     | 62.1    |

Table 87.--Mean discharge, in cubic feet per second, for station 07109000, St. Charles River at mouth, near Pueblo

| [--, missing data] |         |          |       |       |      |      |      |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
| 1922               | --      | --       | --    | 9.50  | 15.1 | 11.1 | 8.61 | 12.6   | 2.57      | 3.35    | 10.1     | 8.81     | --      |
| 1923               | 4.32    | 7.32     | 12.9  | 25.8  | 24.2 | 13.5 | 86.6 | 511    | 123       | 105     | 21.2     | 25.0     | 80.0    |
| 1924               | 19.0    | 17.8     | 15.6  | 95.9  | 206  | 95.9 | 22.2 | 4.39   | 4.20      | 7.87    | 6.70     | 8.97     | 42.0    |
| 1925               | 7.39    | 6.89     | 5.87  | 3.27  | 28.4 | 8.93 | 159  | 55.5   | 12.0      | --      | --       | --       | --      |

Table 88.--Mean discharge, in cubic feet per second, for station 07109500, Arkansas River near Avondale

| [--, missing data] |         |          |       |       |       |       |       |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
| 1939               | --      | --       | --    | --    | 1,600 | 1,420 | 702   | 588    | 201       | 166     | 181      | 239      | --      |
| 1940               | 327     | 392      | 259   | 144   | 708   | 1,030 | 525   | 354    | 406       | 235     | 280      | 412      | 423     |
| 1941               | 348     | 263      | 287   | 384   | 1,460 | 2,950 | 1,740 | 1,360  | 410       | 869     | 916      | 597      | 965     |
| 1942               | 586     | 460      | 478   | 3,660 | 4,530 | 4,840 | 2,240 | 1,530  | 553       | 586     | 599      | 652      | 1,730   |
| 1943               | 608     | 517      | 485   | 869   | 1,160 | 1,980 | 1,500 | 1,240  | 555       | 382     | 400      | 478      | 848     |
| 1944               | 457     | 401      | 398   | 783   | 1,770 | 2,540 | 1,590 | 952    | 412       | 258     | 314      | 486      | 863     |
| 1945               | 447     | 427      | 306   | 292   | 593   | 1,190 | 1,110 | 1,810  | 591       | 453     | 485      | 593      | 691     |
| 1946               | 461     | 374      | 324   | 501   | 916   | 1,500 | 1,030 | 1,060  | 233       | 280     | 467      | 458      | 634     |
| 1947               | 437     | 419      | 490   | 478   | 2,610 | 4,130 | 2,970 | 1,520  | 850       | 710     | 721      | 600      | 1,330   |
| 1948               | 550     | 662      | 691   | 1,260 | 1,900 | 2,970 | 1,390 | 1,250  | 414       | 300     | 433      | 489      | 1,030   |
| 1949               | 381     | 371      | 311   | 655   | 992   | 3,690 | 2,510 | 999    | 558       | 371     | 490      | 421      | 979     |
| 1950               | 423     | 397      | 325   | 480   | 780   | 1,790 | 1,360 | 536    | 410       | 174     | 269      | 322      | 605     |
| 1951               | 382     | 395      | 278   | 222   | 817   | 1,630 | 1,530 | 1,020  | 363       | --      | --       | --       | --      |
| 1955               | --      | 422      | 375   | 493   | 1,180 | 3,630 | 3,430 | 3,560  | 1,250     | 759     | 638      | 653      | --      |
| 1956               | 590     | 583      | 384   | 538   | 935   | 1,230 | 1,070 | 1,150  | 525       | 299     | 335      | 404      | 670     |
| 1957               | 481     | 365      | 274   | 216   | 757   | 1,420 | 1,280 | 850    | 665       | 362     | 392      | 383      | 621     |
| 1958               | 431     | 416      | 387   | 403   | 823   | 2,230 | 1,410 | 1,570  | 614       | 344     | 458      | 486      | 797     |
| 1959               | 498     | 417      | 391   | 270   | 1,340 | 1,980 | 1,880 | 1,230  | 621       | 936     | 785      | 641      | 916     |
| 1970               | 596     | 538      | 407   | 741   | 1,980 | 2,730 | 1,810 | 1,280  | 1,070     | 758     | 751      | 652      | 1,110   |
| 1971               | 619     | 577      | 542   | 675   | 769   | 1,940 | 1,560 | 900    | 493       | 403     | 584      | 551      | 801     |
| 1972               | 436     | 397      | 349   | 539   | 806   | 2,080 | 1,070 | 863    | 416       | 266     | 537      | 445      | 684     |
| 1973               | 321     | 455      | 451   | 533   | 1,900 | 2,490 | 2,310 | 1,190  | 614       | 384     | 431      | 516      | 967     |
| 1974               | 485     | 473      | 409   | 355   | 1,210 | 1,330 | 1,060 | 592    | 326       | 235     | 313      | 393      | 590     |
| 1975               | 390     | 427      | 367   | 401   | 785   | 2,210 | 2,600 | 1,110  | 455       | 308     | 441      | 291      | 815     |
| 1976               | 238     | 258      | 320   | 586   | 859   | 1,500 | 926   | 1,000  | 534       | 548     | 389      | 369      | 627     |
| 1977               | 245     | 250      | 275   | 504   | 517   | 638   | 562   | 423    | 200       | 209     | 266      | 262      | 363     |
| 1978               | 333     | 316      | 219   | 220   | 552   | 2,390 | 1,440 | 758    | 221       | 187     | 170      | 197      | 584     |
| 1979               | 190     | 223      | 453   | 524   | 1,320 | 3,410 | 2,040 | 1,150  | 448       | 426     | 477      | 238      | 907     |
| 1980               | 247     | 345      | 464   | 939   | 4,170 | 4,400 | 1,990 | 1,490  | 562       | 449     | 357      | 254      | 1,310   |

Table 89.--Mean discharge, in cubic feet per second, for station 07116000, Huerfano River below Huerfano Valley Dam

| [--, missing data] |         |          |       |       |       |      |      |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|-------|------|------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May   | June | July | August | September | October | November | December | Average |
| 1939               | --      | --       | --    | --    | --    | --   | --   | --     | --        | .00     | .00      | .00      | --      |
| 1940               | .80     | 9.73     | 11.2  | 6.53  | 19.4  | .44  | 9.56 | 16.8   | 75.5      | 1.99    | .70      | 5.40     | 13.2    |
| 1941               | 14.2    | 5.81     | 8.43  | 23.6  | 564   | 319  | 65.9 | 30.4   | 4.20      | 26.6    | 43.8     | 30.5     | 94.7    |
| 1942               | 38.4    | 21.5     | 44.9  | 1,100 | 1,390 | 274  | 37.4 | 179    | 65.8      | 55.9    | 68.5     | 77.3     | 279     |
| 1943               | 84.0    | 51.7     | 45.8  | 33.1  | 15.5  | 6.06 | 3.57 | 13.9   | 1.02      | .26     | .32      | 6.97     | 21.8    |
| 1944               | 7.55    | 8.97     | 8.10  | 31.0  | 317   | 235  | 44.9 | 9.45   | 6.28      | 7.63    | 8.32     | 20.4     | 58.7    |
| 1945               | 11.2    | 12.4     | 8.36  | 23.0  | 92.1  | 13.3 | 18.4 | 120    | 5.21      | 14.5    | 14.2     | 39.5     | 31.7    |
| 1946               | 24.5    | 26.1     | 9.53  | 4.78  | 3.85  | .93  | 29.0 | 92.0   | 6.67      | 2.28    | 29.5     | 5.64     | 19.6    |
| 1947               | 4.39    | 6.21     | 6.73  | 31.7  | 183   | 80.4 | 58.6 | 21.9   | 9.44      | 12.1    | 4.73     | 27.4     | 37.2    |
| 1948               | 73.5    | 82.5     | 36.7  | 84.3  | 77.6  | 88.7 | 46.1 | 49.2   | 5.98      | 2.82    | 3.42     | 16.6     | 47.3    |
| 1949               | 7.95    | 25.4     | 8.25  | 5.14  | 18.3  | 65.4 | 10.9 | 6.96   | 7.08      | 2.64    | 7.26     | 3.98     | 14.1    |
| 1950               | 7.21    | 8.97     | 6.65  | 1.35  | 1.13  | 4.30 | 275  | 11.2   | 22.8      | 1.54    | 1.49     | 1.54     | 28.6    |
| 1951               | 1.88    | 7.79     | 14.9  | 6.15  | 2.21  | 5.34 | 17.7 | 55.7   | 1.16      | .14     | 1.17     | .19      | 9.53    |
| 1952               | 8.25    | 2.71     | 3.39  | 37.2  | 31.6  | 12.4 | 7.69 | 21.1   | 1.23      | .17     | .43      | 5.79     | 11.0    |
| 1953               | 7.01    | 2.28     | .54   | .49   | .99   | .76  | 37.7 | 44.4   | .05       | .10     | .03      | .64      | 7.92    |
| 1954               | 2.55    | .30      | .50   | .10   | .18   | 9.14 | 7.77 | 42.8   | .58       | .08     | .00      | .00      | 5.33    |
| 1955               | .00     | .10      | .00   | .00   | 314   | 105  | 24.5 | 45.0   | 8.00      | 6.78    | 5.67     | 5.87     | 42.9    |
| 1956               | 9.16    | 10.9     | 14.5  | 6.92  | 32.5  | 4.65 | 15.9 | 5.00   | .53       | .00     | .58      | 1.05     | 8.47    |
| 1957               | 1.05    | .61      | .23   | 11.6  | 148   | 360  | 103  | 86.9   | 19.3      | 20.5    | 38.8     | 36.4     | 68.9    |
| 1958               | 73.7    | 61.9     | 23.8  | 23.0  | 58.3  | 11.9 | 118  | 26.6   | 5.60      | 2.95    | 5.19     | 8.22     | 34.9    |
| 1959               | 13.2    | 6.55     | 8.79  | 17.8  | 7.62  | 3.75 | 3.38 | 1.90   | .52       | 4.06    | 6.77     | 10.3     | 7.05    |
| 1960               | 6.98    | 12.7     | 15.5  | 6.55  | 12.7  | 22.5 | 30.6 | .80    | 6.15      | 3.45    | 2.30     | 12.8     | 11.1    |
| 1961               | 16.0    | 15.4     | 11.0  | 120   | 79.2  | 39.0 | 38.0 | 107    | 14.5      | 7.16    | 23.3     | 18.7     | 40.8    |
| 1962               | 27.4    | 30.8     | 19.0  | 112   | 68.3  | 6.33 | 89.8 | 5.83   | .82       | 1.30    | 2.90     | 3.43     | 30.7    |
| 1963               | 4.79    | 10.5     | 8.10  | .11   | .00   | .00  | 9.07 | 23.5   | 21.0      | 1.64    | .75      | .29      | 6.65    |
| 1964               | .48     | 1.16     | 4.42  | 1.34  | .14   | .16  | 2.64 | 10.8   | 2.20      | .00     | .00      | .00      | 1.94    |
| 1965               | .00     | .82      | 6.60  | 4.09  | .11   | 13.6 | 24.7 | 20.4   | 4.97      | 1.88    | .70      | 3.06     | 6.74    |
| 1966               | 1.41    | 9.46     | 6.31  | 1.27  | .00   | .73  | 46.2 | 74.1   | 37.6      | 4.23    | 2.74     | 4.66     | 15.7    |
| 1967               | 8.84    | 11.7     | 2.83  | .42   | .32   | 21.7 | 6.35 | 2.08   | .52       | --      | --       | --       | --      |

Table 90.--Mean discharge, in cubic feet per second, for station 07117000, Arkansas River near Nepesta

| Year | [--, missing data] |          |       |       |       |       |       |        |           |         |          |          | Average |
|------|--------------------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
|      | January            | February | March | April | May   | June  | July  | August | September | October | November | December |         |
| 1935 | --                 | --       | --    | --    | --    | --    | --    | --     | --        | 279     | 372      | 274      | --      |
| 1936 | 205                | 240      | 118   | 343   | 1,580 | 1,680 | 1,270 | 2,720  | 501       | 454     | 468      | 406      | 832     |
| 1937 | 261                | 358      | 292   | 426   | 1,200 | 1,040 | 619   | 480    | 465       | 152     | 231      | 302      | 485     |
| 1938 | 280                | 268      | 243   | 353   | 1,130 | 1,920 | 1,240 | 658    | 1,370     | 471     | 553      | 208      | 725     |
| 1939 | 161                | 186      | 310   | 391   | 1,210 | 911   | 308   | 202    | 122       | 97.8    | 163      | 176      | 353     |
| 1940 | 211                | 279      | 221   | 131   | 535   | 701   | 317   | 143    | 394       | 155     | 254      | 370      | 309     |
| 1941 | 262                | 209      | 314   | 340   | 1,700 | 2,860 | 1,600 | 1,010  | 296       | 759     | 818      | 575      | 896     |
| 1942 | 646                | 511      | 353   | 3,970 | 5,050 | 4,250 | 1,580 | 1,390  | 543       | 392     | 501      | 670      | 1,650   |
| 1943 | 679                | 462      | 334   | 484   | 916   | 1,520 | 887   | 729    | 347       | 272     | 324      | 300      | 605     |
| 1944 | 253                | 182      | 295   | 791   | 1,510 | 2,340 | 1,600 | 371    | 196       | 183     | 270      | 350      | 695     |
| 1945 | 390                | 372      | 197   | 332   | 652   | 1,270 | 1,170 | 2,270  | 330       | 427     | 365      | 311      | 674     |
| 1946 | 341                | 371      | 244   | 320   | 550   | 1,270 | 748   | 956    | 232       | 240     | 581      | 277      | 511     |
| 1947 | 351                | 425      | 376   | 383   | 2,600 | 4,180 | 2,750 | 895    | 498       | 566     | 498      | 518      | 1,170   |
| 1948 | 558                | 695      | 781   | 1,030 | 1,800 | 3,370 | 934   | 780    | 234       | 215     | 437      | 373      | 934     |
| 1949 | 376                | 254      | 330   | 467   | 822   | 3,360 | 2,010 | 506    | 398       | 328     | 413      | 386      | 804     |
| 1950 | 393                | 345      | 226   | 226   | 605   | 1,360 | 1,110 | 253    | 245       | 143     | 231      | 280      | 451     |
| 1951 | 288                | 330      | 202   | 204   | 645   | 1,310 | 1,140 | 875    | 211       | 171     | 323      | 321      | 501     |
| 1952 | 349                | 298      | 293   | 476   | 1,260 | 2,570 | 1,610 | 998    | 356       | 242     | 347      | 336      | 761     |
| 1953 | 322                | 301      | 208   | 189   | 383   | 2,100 | 1,100 | 698    | 142       | 160     | 399      | 409      | 535     |
| 1954 | 236                | 247      | 180   | 114   | 781   | 607   | 451   | 178    | 85.8      | 150     | 139      | 291      | 288     |
| 1955 | 270                | 245      | 167   | 93.6  | 1,490 | 1,000 | 578   | 1,060  | 273       | 171     | 269      | 332      | 495     |
| 1956 | 318                | 314      | 289   | 239   | 1,710 | 1,710 | 411   | 235    | 65.5      | 126     | 213      | 258      | 426     |
| 1957 | 267                | 277      | 125   | 663   | 2,820 | 4,510 | 5,650 | 2,170  | 729       | 516     | 427      | 618      | 1,560   |
| 1958 | 641                | 576      | 541   | 441   | 1,800 | 1,640 | 504   | 439    | 266       | 227     | 330      | 398      | 650     |
| 1959 | 270                | 263      | 330   | 467   | 512   | 1,180 | 498   | 334    | 129       | 732     | 552      | 547      | 484     |
| 1960 | 232                | 186      | 443   | 494   | 624   | 1,640 | 924   | 273    | 233       | 267     | 269      | 273      | 488     |
| 1961 | 328                | 316      | 374   | 390   | 820   | 1,710 | 649   | 1,170  | 1,210     | 746     | 717      | 380      | 734     |
| 1962 | 217                | 478      | 476   | 817   | 1,200 | 1,710 | 1,750 | 514    | 276       | 252     | 340      | 359      | 699     |
| 1963 | 276                | 334      | 296   | 129   | 512   | 602   | 278   | 525    | 518       | 142     | 256      | 249      | 343     |
| 1964 | 274                | 301      | 311   | 227   | 656   | 1,210 | 650   | 603    | 203       | 130     | 239      | 321      | 427     |
| 1965 | 290                | 322      | 297   | 353   | 851   | 3,410 | 2,880 | 2,160  | 731       | 635     | 512      | 635      | 1,090   |
| 1966 | 626                | 582      | 291   | 252   | 628   | 676   | 712   | 799    | 334       | 204     | 248      | 337      | 474     |
| 1967 | 293                | 308      | 183   | 154   | 468   | 1,150 | 1,130 | 453    | 493       | 257     | 242      | 300      | 452     |
| 1968 | 413                | 358      | 335   | 319   | 479   | 1,740 | 968   | 1,250  | 400       | 266     | 366      | 344      | 604     |
| 1969 | 342                | 352      | 306   | 181   | 865   | 1,310 | 1,460 | 823    | 407       | 416     | 660      | 675      | 650     |
| 1970 | 616                | 500      | 391   | 698   | 1,620 | 2,230 | 1,500 | 850    | 919       | 1,030   | 536      | 377      | 938     |
| 1971 | 638                | 361      | 362   | 373   | 414   | 1,310 | 1,240 | 479    | 354       | 292     | 521      | 407      | 562     |
| 1972 | 284                | 302      | 281   | 233   | 439   | 1,680 | 636   | 471    | 268       | 193     | 299      | 221      | 442     |
| 1973 | 407                | 407      | 397   | 431   | 1,730 | 1,930 | 1,910 | 849    | 357       | 317     | 290      | 313      | 765     |
| 1974 | 413                | 504      | 366   | 224   | 786   | 904   | 607   | 234    | 92.7      | 178     | 294      | 320      | 410     |
| 1975 | 305                | 312      | 315   | 277   | 445   | 1,790 | 2,240 | 873    | 292       | 186     | 247      | 296      | 632     |
| 1976 | 277                | 269      | 214   | 358   | 442   | 1,280 | 717   | 753    | 476       | 533     | 413      | 307      | 503     |
| 1977 | 393                | 277      | 224   | 424   | 316   | 518   | 307   | 372    | 93.1      | 116     | 244      | 276      | 297     |
| 1978 | 322                | 209      | 168   | 99.3  | 302   | 1,860 | 1,110 | 482    | 128       | 104     | 149      | 202      | 428     |
| 1979 | 217                | 239      | 318   | 369   | 915   | 2,590 | 1,550 | 763    | 320       | 365     | 443      | 257      | 695     |
| 1980 | 303                | 273      | 472   | 880   | 3,760 | 3,750 | 1,230 | 1,120  | 477       | 307     | 350      | 302      | 1,100   |

Table 91.--Mean discharge, in cubic feet per second, for station 07119500, Apishapa River near Fowler

| [--, missing data] |         |          |       |       |      |      |      |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
| 1922               | 30.0    | 25.0     | 20.0  | 63.3  | 20.1 | 39.2 | 59.7 | 61.9   | 8.10      | 7.42    | 29.7     | 31.9     | 33.0    |
| 1923               | 19.2    | 12.6     | 11.5  | 6.03  | 15.2 | 36.3 | 40.9 | 628    | 57.0      | 87.2    | 41.4     | 25.4     | 81.7    |
| 1924               | 6.35    | 29.1     | 59.6  | 87.1  | 34.8 | 20.1 | 7.16 | 19.3   | 3.00      | 10.1    | 6.57     | 6.23     | 24.1    |
| 1925               | 3.52    | 11.3     | 4.42  | 2.33  | 20.1 | 2.00 | 208  | 169    | 9.40      | --      | --       | --       | --      |
| 1939               | --      | --       | --    | --    | --   | 3.42 | 1.68 | 105    | 1.10      | 1.78    | .90      | 2.34     | --      |
| 1940               | 2.45    | 3.41     | 7.45  | 4.70  | 7.03 | 3.26 | 35.8 | 43.1   | 154       | 27.5    | 5.52     | 12.7     | 25.6    |
| 1941               | 17.9    | 12.8     | 6.62  | 10.6  | 140  | 76.4 | 46.8 | 137    | 60.6      | 54.5    | 7.71     | 33.7     | 50.4    |
| 1942               | 6.84    | 10.6     | 12.4  | 530   | 204  | 60.1 | 50.7 | 180    | 109       | 81.7    | 35.1     | 20.7     | 108     |
| 1943               | 10.3    | 46.2     | 44.1  | 2.68  | 18.9 | 10.2 | 3.39 | 53.9   | 3.33      | 3.60    | 9.86     | 20.3     | 18.9    |
| 1944               | 9.13    | 19.8     | 24.5  | 33.4  | 80.7 | 44.3 | 96.7 | 63.6   | 3.39      | 6.69    | 26.3     | 12.2     | 30.3    |
| 1945               | 8.56    | 13.1     | 9.80  | 6.02  | 13.1 | 41.1 | 98.9 | 257    | 9.52      | 23.4    | 18.6     | 6.78     | 42.2    |
| 1946               | 6.47    | 6.23     | 17.3  | 2.56  | 3.62 | 25.9 | 39.6 | 87.5   | 64.2      | 17.2    | 19.1     | 10.8     | 23.0    |
| 1947               | 6.22    | 8.71     | 7.01  | 10.7  | 51.9 | 50.9 | 91.9 | 61.2   | 25.6      | 22.6    | 22.8     | 12.9     | 33.2    |
| 1948               | 5.30    | 6.76     | 18.5  | 42.7  | 26.3 | 290  | 20.2 | 87.5   | 2.61      | 3.38    | 11.5     | 9.16     | 41.5    |
| 1949               | 3.21    | 19.0     | 16.4  | 10.4  | 23.9 | 206  | 49.2 | 16.6   | 29.2      | 14.5    | 24.2     | 15.4     | 35.7    |
| 1950               | 14.8    | 14.5     | 3.06  | 2.59  | 4.36 | 62.8 | 198  | 12.4   | 80.0      | 6.21    | 11.0     | 9.98     | 35.0    |
| 1951               | 16.4    | 2.18     | 2.68  | 1.63  | 33.8 | 116  | 126  | 182    | 3.53      | 3.26    | 8.74     | 5.45     | 41.8    |
| 1952               | 13.6    | 7.70     | 3.50  | 19.7  | 34.1 | 16.4 | 13.6 | 30.4   | 6.74      | 4.74    | 4.76     | 2.87     | 13.2    |
| 1953               | 2.65    | 3.45     | 2.27  | 4.76  | 19.6 | 13.9 | 33.0 | 68.7   | 4.00      | 2.88    | 5.41     | 3.91     | 13.7    |
| 1954               | 2.65    | 7.35     | 1.78  | 1.40  | 5.79 | 1.13 | 13.9 | 118    | 1.56      | 1.57    | 1.96     | 1.33     | 13.2    |
| 1955               | 6.57    | 2.04     | 1.35  | .94   | 576  | 70.0 | 11.9 | 190    | 2.72      | 3.46    | 8.08     | 12.9     | 73.8    |
| 1956               | 5.01    | 4.66     | 6.07  | 1.62  | 1.66 | 13.6 | 93.1 | 47.1   | 1.07      | 1.08    | 1.64     | 1.86     | 14.9    |
| 1957               | 4.48    | 2.96     | 2.15  | 9.91  | 128  | 242  | 82.0 | 37.4   | 14.4      | 29.1    | 26.2     | 23.0     | 50.1    |
| 1958               | 7.43    | 17.1     | 12.4  | 28.4  | 140  | 32.7 | 306  | 42.9   | 8.88      | 3.98    | 12.1     | 6.35     | 51.5    |
| 1959               | 8.81    | 11.8     | 11.7  | 12.4  | 5.40 | 16.0 | 2.01 | 12.6   | 2.41      | 19.9    | 23.8     | 15.4     | 11.9    |
| 1960               | 5.66    | 2.43     | 7.49  | 11.2  | 3.48 | 15.3 | 87.6 | 2.06   | 39.1      | 13.8    | 24.6     | 24.0     | 19.7    |
| 1961               | 3.63    | 6.46     | 7.78  | 6.22  | 1.79 | 52.0 | 30.5 | 89.4   | 13.2      | 28.4    | 72.9     | 7.36     | 26.6    |
| 1962               | 3.26    | 16.8     | 9.71  | 12.1  | 18.1 | 24.9 | 90.0 | 3.50   | 2.47      | 5.65    | 13.8     | 11.6     | 17.7    |
| 1963               | 5.87    | 12.8     | 9.84  | 2.14  | 2.07 | 5.32 | 17.8 | 64.9   | 23.9      | 4.97    | 5.65     | 7.05     | 13.5    |
| 1964               | 4.12    | 10.1     | 6.04  | 1.49  | 13.4 | 7.75 | 1.76 | 4.16   | 2.37      | 1.06    | 5.97     | 6.59     | 5.40    |
| 1965               | 15.9    | 9.93     | 5.65  | 2.04  | 9.20 | 252  | 174  | 87.8   | 21.6      | 20.8    | 83.1     | 54.7     | 61.4    |
| 1966               | 30.4    | 22.3     | 16.5  | 1.65  | 2.65 | 8.55 | 145  | 143    | 26.7      | 14.1    | 19.2     | 12.5     | 36.9    |
| 1967               | 15.7    | 12.7     | 1.99  | 1.61  | 37.4 | 99.1 | 101  | 43.4   | 9.94      | 14.5    | 24.1     | 22.0     | 32.0    |
| 1968               | 2.97    | 13.5     | 9.02  | 6.26  | 2.25 | 9.40 | 6.22 | 70.2   | 4.57      | 4.21    | 17.9     | 18.3     | 13.7    |
| 1969               | 12.9    | 13.0     | 11.4  | 4.93  | 51.6 | 87.2 | 27.2 | 20.5   | 42.1      | 31.5    | 30.7     | 10.6     | 28.6    |
| 1970               | 8.56    | 13.8     | 21.0  | 28.1  | 23.9 | 45.2 | 50.0 | 9.79   | 14.5      | 32.0    | 32.2     | 46.7     | 27.1    |
| 1971               | 28.7    | 54.0     | 21.1  | 3.22  | 2.28 | 15.5 | 13.3 | 3.64   | 2.76      | 3.53    | 26.1     | 32.1     | 17.2    |
| 1972               | 11.7    | 10.0     | 4.63  | 2.72  | 3.38 | 22.0 | 33.3 | 49.7   | 22.3      | 5.68    | 6.21     | 3.12     | 14.6    |
| 1973               | 2.61    | 3.86     | 14.0  | 22.2  | 59.2 | 41.9 | 22.0 | 11.0   | 5.11      | 12.0    | 21.2     | 11.9     | 18.9    |
| 1974               | 6.90    | 18.1     | 33.9  | 5.55  | 2.68 | 9.70 | 1.53 | 12.4   | 1.52      | 1.87    | 47.5     | 22.6     | 12.8    |
| 1975               | 8.76    | 9.81     | 3.68  | 2.52  | 1.65 | 7.13 | 23.4 | 12.4   | 5.28      | 5.88    | 8.30     | 2.81     | 7.63    |
| 1976               | 2.37    | 1.85     | 7.65  | 2.02  | 2.49 | 2.92 | 16.1 | 42.9   | 13.8      | 7.55    | 3.52     | 3.09     | 8.85    |
| 1977               | 2.78    | 2.13     | 3.24  | 2.02  | 1.84 | 1.46 | 65.0 | 99.1   | 5.87      | 3.56    | 4.83     | 3.92     | 16.3    |
| 1978               | 7.35    | 7.96     | 8.09  | 2.71  | 4.03 | 22.6 | 170  | 28.4   | 4.75      | 4.34    | 4.03     | 2.92     | 22.3    |
| 1979               | 2.41    | 2.09     | 2.34  | 2.71  | 8.38 | 44.1 | 46.2 | 53.6   | 6.22      | 6.88    | 16.4     | 4.54     | 16.3    |
| 1980               | 3.39    | 2.86     | 6.98  | 25.4  | 179  | 47.4 | 19.6 | 10.2   | 9.12      | 6.95    | 9.09     | 3.45     | 27.0    |

Table 92.--Mean discharge, in cubic feet per second, for station 07119700, Arkansas River at Catlin Dam

| Year | [--, missing data] |          |       |       |       |       |       |        |           |         |          |          | Average |
|------|--------------------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
|      | January            | February | March | April | May   | June  | July  | August | September | October | November | December |         |
| 1964 | --                 | --       | --    | --    | --    | --    | --    | --     | --        | 120     | 185      | 255      | --      |
| 1965 | 265                | 266      | 283   | 319   | 804   | 3,410 | 2,850 | 2,890  | 716       | 609     | 517      | 574      | 1,130   |
| 1966 | 539                | 547      | 306   | 215   | 509   | 628   | 795   | 797    | 406       | 199     | 241      | 381      | 464     |
| 1967 | 358                | 308      | 190   | 128   | 440   | 952   | 1,020 | 450    | 407       | 272     | 201      | 227      | 413     |
| 1968 | 381                | 374      | 324   | 305   | 396   | 1,530 | 974   | 1,250  | 364       | 247     | 318      | 372      | 569     |
| 1969 | 393                | 330      | 289   | 181   | 782   | 1,260 | 1,360 | 817    | 474       | 445     | 688      | 678      | 641     |
| 1970 | 627                | 512      | 404   | 633   | 1,240 | 2,000 | 1,300 | 801    | 975       | 971     | 569      | 381      | 868     |
| 1971 | 453                | 427      | 368   | 365   | 388   | 1,220 | 1,140 | 431    | 319       | 292     | 534      | 386      | 527     |
| 1972 | 228                | 284      | 275   | 242   | 358   | 1,470 | 543   | 436    | 345       | 179     | 326      | 215      | 408     |
| 1973 | 249                | 361      | 389   | 445   | 1,570 | 1,930 | 1,800 | 743    | 360       | 350     | 335      | 348      | 740     |
| 1974 | 402                | 491      | 377   | 235   | 625   | 755   | 526   | 187    | 73.4      | 178     | 319      | 337      | 375     |
| 1975 | 328                | 346      | 299   | 240   | 359   | 1,710 | 2,090 | 841    | 268       | 186     | 264      | 321      | 604     |
| 1976 | 305                | 305      | 228   | 326   | 434   | 1,330 | 643   | 811    | 451       | 496     | 380      | 329      | 504     |
| 1977 | 442                | 296      | 233   | 388   | 304   | 433   | 286   | 531    | 84.5      | 105     | 213      | 273      | 299     |
| 1978 | 338                | 249      | 175   | 86.6  | 279   | 1,800 | 1,410 | 526    | 118       | 91.0    | 152      | 194      | 451     |
| 1979 | 205                | 269      | 323   | 349   | 796   | 2,590 | 1,690 | 851    | 339       | 381     | 445      | 287      | 710     |
| 1980 | 361                | 328      | 463   | 868   | 3,660 | 3,530 | 1,260 | 1,040  | 473       | 333     | 355      | 320      | 1,080   |

Table 93.--Mean discharge, in cubic feet per second, for station 07123000, Arkansas River at La Junta

[--, missing data]

| Year | January | February | March | April | May   | June   | July  | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|-------|--------|-------|--------|-----------|---------|----------|----------|---------|
| 1912 | --      | --       | --    | 66.9  | 248   | 491    | 624   | 505    | 125       | 231     | 301      | 96.0     | --      |
| 1913 | 55.8    | 51.9     | 50.9  | 160   | 188   | 353    | 227   | 53.1   | 74.2      | 149     | 137      | 70.1     | 131     |
| 1914 | 45.2    | 87.8     | 118   | 178   | 808   | 2,650  | 1,070 | 724    | 109       | 182     | 108      | 88.0     | 513     |
| 1915 | 55.5    | 28.6     | 116   | 275   | 623   | 1,900  | 359   | 769    | 167       | 201     | 106      | 31.5     | 386     |
| 1916 | 195     | 173      | 59.1  | 206   | 347   | 396    | 398   | 496    | 43.0      | 93.6    | 67.0     | 60.0     | 211     |
| 1917 | 36.9    | 17.6     | 50.7  | 82.0  | 382   | 482    | 564   | 219    | 72.7      | 90.4    | 170      | 62.2     | 186     |
| 1918 | 14.0    | 18.9     | 66.2  | 94.3  | 212   | 559    | 302   | 85.9   | 133       | 153     | 286      | 61.0     | 165     |
| 1919 | 16.0    | 16.5     | 20.0  | 35.3  | 172   | 310    | 246   | 158    | 253       | 33.0    | 111      | 73.3     | 120     |
| 1920 | 36.3    | 26.7     | 100   | 60.6  | 259   | 518    | 421   | 159    | 133       | 176     | 32.4     | 22.0     | 162     |
| 1921 | 45.9    | 10.5     | 29.6  | 131   | 377   | 10,200 | 2,270 | 1,610  | 184       | 243     | 126      | 57.8     | 1,280   |
| 1922 | 105     | 75.6     | 31.6  | 65.1  | 231   | 575    | 327   | 85.8   | 36.9      | 28.0    | 178      | 112      | 154     |
| 1923 | 58.7    | 46.5     | 73.0  | 43.4  | 243   | 396    | 765   | 2,240  | 927       | 745     | 166      | 219      | 493     |
| 1924 | 699     | 462      | 47.9  | 217   | 387   | 916    | 331   | 59.9   | 30.7      | 97.5    | 115      | 29.9     | 283     |
| 1925 | 11.8    | 6.96     | 56.5  | 41.5  | 208   | 297    | 617   | 161    | 101       | 169     | 152      | 32.5     | 155     |
| 1926 | 33.6    | 39.0     | 136   | 97.1  | 204   | 295    | 291   | 113    | 37.8      | 37.9    | 218      | 93.8     | 133     |
| 1927 | 23.5    | 40.9     | 119   | 101   | 339   | 597    | 780   | 1,050  | 183       | 290     | 276      | 73.9     | 322     |
| 1928 | 17.2    | 57.1     | 70.0  | 58.8  | 199   | 1,230  | 440   | 192    | 57.6      | 80.5    | 155      | 106      | 222     |
| 1929 | 25.3    | 64.9     | 43.5  | 30.5  | 202   | 483    | 483   | 1,510  | 216       | 247     | 96.4     | 74.2     | 289     |
| 1930 | 21.7    | 46.2     | 72.0  | 90.8  | 201   | 468    | 179   | 514    | 181       | 95.7    | 136      | 62.5     | 172     |
| 1931 | 15.4    | 20.2     | 45.4  | 84.0  | 246   | 204    | 75.0  | 47.2   | 48.4      | 19.2    | 26.0     | 49.2     | 73.3    |
| 1932 | 26.4    | 35.1     | 38.7  | 33.2  | 267   | 487    | 565   | 375    | 68.3      | 89.2    | 120      | 19.2     | 177     |
| 1933 | 18.7    | 91.2     | 24.9  | 69.3  | 919   | 922    | 317   | 239    | 131       | 37.4    | 59.6     | 116      | 245     |
| 1934 | 72.7    | 79.2     | 39.5  | 42.8  | 258   | 82.9   | 33.5  | 50.9   | 111       | 6.55    | 10.1     | 31.2     | 68.2    |
| 1935 | 32.9    | 20.6     | 24.9  | 22.8  | 668   | 696    | 542   | 218    | 174       | 142     | 168      | 137      | 237     |
| 1936 | 68.6    | 39.2     | 17.0  | 96.0  | 707   | 337    | 849   | 1,590  | 207       | 297     | 194      | 97.7     | 375     |
| 1937 | 48.6    | 49.5     | 52.4  | 162   | 523   | 485    | 172   | 107    | 363       | 25.0    | 55.6     | 104      | 179     |
| 1938 | 149     | 91.6     | 47.1  | 116   | 384   | 537    | 501   | 177    | 653       | 231     | 175      | 131      | 266     |
| 1939 | 125     | 77.8     | 90.2  | 104   | 515   | 483    | 79.3  | 121    | 58.1      | 33.9    | 11.9     | 35.0     | 145     |
| 1940 | 50.7    | 45.8     | 46.2  | 20.8  | 163   | 230    | 102   | 54.7   | 156       | 30.9    | 87.4     | 123      | 92.5    |
| 1941 | 99.1    | 48.1     | 128   | 70.5  | 178   | 372    | 241   | 319    | 76.3      | 285     | 334      | 256      | 201     |
| 1942 | 272     | 152      | 38.3  | 4,610 | 4,580 | 3,760  | 683   | 546    | 188       | 153     | 95.8     | 248      | 1,280   |
| 1943 | 534     | 112      | 295   | 84.0  | 216   | 604    | 338   | 301    | 122       | 140     | 140      | 77.1     | 247     |
| 1944 | 20.4    | 20.2     | 18.0  | 114   | 647   | 925    | 479   | 76.0   | 27.1      | 33.2    | 82.3     | 88.3     | 211     |
| 1945 | 83.5    | 70.9     | 39.5  | 37.2  | 67.5  | 451    | 434   | 1,090  | 56.3      | 92.7    | 54.4     | 52.6     | 211     |
| 1946 | 40.4    | 41.4     | 32.8  | 36.1  | 138   | 366    | 356   | 378    | 64.8      | 82.5    | 294      | 63.3     | 158     |
| 1947 | 54.6    | 49.8     | 63.9  | 29.3  | 1,410 | 3,190  | 1,930 | 141    | 118       | 255     | 157      | 104      | 625     |
| 1948 | 62.9    | 257      | 619   | 276   | 268   | 2,420  | 154   | 186    | 36.6      | 53.0    | 62.3     | 93.2     | 374     |
| 1949 | 116     | 114      | 69.3  | 60.1  | 90.0  | 1,030  | 819   | 82.0   | 81.3      | 67.5    | 58.3     | 95.8     | 224     |
| 1950 | 89.9    | 76.4     | 51.2  | 40.5  | 65.2  | 142    | 496   | 47.9   | 90.1      | 20.1    | 25.8     | 15.6     | 96.7    |
| 1951 | 38.5    | 23.5     | 32.0  | 33.0  | 66.3  | 418    | 469   | 293    | 38.5      | 36.1    | 53.5     | 30.4     | 128     |
| 1952 | 37.3    | 19.9     | 38.5  | 144   | 166   | 838    | 454   | 367    | 118       | 45.1    | 93.9     | 32.3     | 196     |
| 1953 | 21.9    | 42.2     | 42.5  | 26.8  | 109   | 627    | 355   | 224    | 40.5      | 37.5    | 55.3     | 30.9     | 134     |
| 1954 | 24.2    | 22.5     | 20.0  | 37.7  | 197   | 127    | 146   | 187    | 32.6      | 21.9    | 12.9     | 35.5     | 72.0    |
| 1955 | 39.0    | 36.1     | 24.7  | 42.8  | 1,900 | 72.1   | 93.1  | 266    | 60.9      | 15.4    | 31.5     | 31.9     | 218     |
| 1956 | 23.5    | 21.7     | 40.5  | 36.1  | 217   | 606    | 103   | 68.4   | 33.3      | 21.2    | 23.1     | 29.7     | 102     |
| 1957 | 27.1    | 23.7     | 15.0  | 200   | 936   | 1,200  | 3,170 | 755    | 81.5      | 140     | 56.8     | 247      | 571     |
| 1958 | 75.8    | 44.1     | 21.0  | 54.6  | 718   | 575    | 274   | 92.9   | 42.1      | 39.5    | 35.9     | 33.1     | 167     |
| 1959 | 20.0    | 44.5     | 39.7  | 44.8  | 82.5  | 149    | 90.5  | 74.5   | 41.9      | 124     | 42.8     | 34.7     | 65.7    |
| 1960 | 21.8    | 38.8     | 41.2  | 44.7  | 77.3  | 532    | 341   | 55.9   | 52.1      | 68.8    | 38.3     | 19.5     | 111     |
| 1961 | 19.0    | 14.5     | 19.7  | 37.6  | 178   | 275    | 285   | 469    | 456       | 364     | 69.1     | 27.8     | 185     |
| 1962 | 19.2    | 35.7     | 58.8  | 103   | 399   | 445    | 510   | 113    | 49.9      | 81.1    | 71.3     | 36.7     | 160     |
| 1963 | 16.5    | 27.0     | 31.3  | 22.7  | 197   | 143    | 102   | 166    | 135       | 33.8    | 44.7     | 23.6     | 78.5    |
| 1964 | 15.0    | 8.68     | 32.1  | 28.8  | 194   | 141    | 170   | 163    | 83.2      | 45.7    | 43.9     | 24.6     | 79.2    |
| 1965 | 24.5    | 30.1     | 25.8  | 79.4  | 314   | 2,910  | 956   | 2,310  | 106       | 186     | 207      | 209      | 614     |
| 1966 | 131     | 281      | 30.0  | 12.2  | 72.8  | 86.3   | 383   | 243    | 171       | 28.4    | 40.1     | 29.8     | 126     |
| 1967 | 16.3    | 28.6     | 26.3  | 32.3  | 202   | 126    | 127   | 66.9   | 74.1      | 76.2    | 74.6     | 44.8     | 74.6    |
| 1968 | 29.0    | 31.9     | 32.2  | 53.7  | 117   | 416    | 387   | 269    | 186       | 64.9    | 30.7     | 31.6     | 137     |
| 1969 | 23.3    | 28.0     | 27.9  | 28.8  | 363   | 159    | 390   | 319    | 147       | 73.4    | 25.3     | 31.6     | 135     |
| 1970 | 27.1    | 28.4     | 44.6  | 55.4  | 223   | 568    | 527   | 385    | 372       | 121     | 47.9     | 28.6     | 202     |
| 1971 | 121     | 40.3     | 41.8  | 95.3  | 139   | 464    | 413   | 115    | 109       | 108     | 36.4     | 27.1     | 142     |
| 1972 | 47.5    | 20.9     | 24.7  | 23.9  | 117   | 549    | 169   | 197    | 84.6      | 22.2    | 41.3     | 30.9     | 111     |
| 1973 | 23.1    | 10.5     | 29.5  | 30.6  | 183   | 279    | 568   | 252    | 93.9      | 165     | 31.3     | 27.4     | 141     |
| 1974 | 41.1    | 19.7     | 22.1  | 28.7  | 319   | 513    | 106   | 15.7   | 11.2      | 17.9    | 54.2     | 31.7     | 98.4    |
| 1975 | 28.8    | 37.1     | 36.7  | 25.4  | 66.8  | 662    | 718   | 243    | 59.7      | 31.5    | 91.0     | 13.5     | 168     |
| 1976 | 9.50    | 6.37     | 20.8  | 36.8  | 160   | 511    | 190   | 260    | 157       | 352     | 38.2     | 31.7     | 148     |
| 1977 | 196     | 61.1     | 27.7  | 141   | 47.7  | 122    | 108   | 148    | 9.59      | 8.82    | 41.8     | 39.5     | 79.3    |
| 1978 | 47.0    | 19.6     | 19.6  | 6.67  | 39.8  | 535    | 610   | 147    | 27.1      | 11.6    | 4.21     | 32.1     | 125     |
| 1979 | 57.9    | 111      | 40.0  | 42.9  | 215   | 637    | 647   | 227    | 78.0      | 81.7    | 45.8     | 97.7     | 190     |
| 1980 | 139     | 86.2     | 63.4  | 174   | 2,380 | 1,440  | 175   | 225    | 172       | 90.9    | 78.4     | 136      | 430     |

Table 94.--Mean discharge, in cubic feet per second, for station 07124000, Arkansas River at Las Animas

| [--, missing data] |         |          |       |       |       |       |       |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
| 1939               | --      | --       | --    | --    | --    | 426   | 50.7  | 78.4   | 27.9      | 29.2    | 15.8     | 36.8     | --      |
| 1940               | 66.1    | 85.1     | 44.6  | 27.4  | 126   | 151   | 50.5  | 35.8   | 126       | 39.4    | 83.5     | 111      | 78.9    |
| 1941               | 116     | 61.1     | 109   | 61.6  | 172   | 294   | 313   | 297    | 147       | 437     | 638      | 329      | 248     |
| 1942               | 482     | 271      | 98.0  | 4,350 | 4,860 | 3,680 | 923   | 646    | 223       | 195     | 115      | 315      | 1,350   |
| 1943               | 654     | 193      | 338   | 67.7  | 146   | 473   | 266   | 237    | 72.9      | 93.3    | 99.8     | 95.5     | 228     |
| 1944               | 71.8    | 64.9     | 55.5  | 169   | 709   | 931   | 599   | 61.7   | 24.0      | 46.0    | 154      | 128      | 251     |
| 1945               | 146     | 145      | 41.4  | 31.5  | 19.5  | 357   | 391   | 1,060  | 43.3      | 109     | 80.4     | 81.2     | 209     |
| 1946               | 78.5    | 66.9     | 46.4  | 20.8  | 79.1  | 239   | 304   | 416    | 65.5      | 68.1    | 287      | 103      | 148     |
| 1947               | 105     | 82.2     | 118   | 31.1  | 1,240 | 2,580 | 1,550 | 94.5   | 52.9      | 206     | 145      | 133      | 528     |
| 1948               | 132     | 294      | 697   | 244   | 234   | 2,660 | 139   | 116    | 25.7      | 29.4    | 64.3     | 133      | 398     |
| 1949               | 190     | 168      | 68.4  | 33.6  | 52.4  | 949   | 573   | 30.9   | 31.9      | 41.0    | 35.0     | 94.9     | 189     |
| 1950               | 110     | 79.8     | 64.4  | 24.7  | 27.6  | 52.7  | 342   | 53.1   | 94.3      | 34.4    | 28.9     | 38.8     | 79.2    |
| 1951               | 62.7    | 52.5     | 36.9  | 19.9  | 43.8  | 362   | 205   | 247    | 19.4      | 20.4    | 37.8     | 33.6     | 95.1    |
| 1952               | 57.6    | 47.8     | 36.9  | 79.1  | 67.5  | 626   | 317   | 296    | 85.5      | 27.3    | 71.2     | 63.9     | 148     |
| 1953               | 58.0    | 34.5     | 23.9  | 24.3  | 88.6  | 491   | 294   | 217    | 14.3      | 12.6    | 28.1     | 38.3     | 110     |
| 1954               | 42.5    | 33.6     | 15.9  | 13.9  | 175   | 43.9  | 88.2  | 138    | 13.4      | 7.29    | 6.34     | 9.97     | 49.0    |
| 1955               | 24.7    | 23.5     | 9.34  | 8.93  | 1,820 | 36.4  | 14.7  | 235    | 10.4      | 8.53    | 9.90     | 13.5     | 185     |
| 1956               | 18.1    | 34.1     | 18.2  | 16.9  | 111   | 443   | 96.0  | 23.0   | 4.66      | 4.24    | 5.17     | 7.80     | 65.2    |
| 1957               | 8.55    | 8.23     | 7.88  | 123   | 1,010 | 1,400 | 3,020 | 718    | 20.6      | 183     | 76.3     | 259      | 569     |
| 1958               | 149     | 126      | 69.3  | 52.7  | 622   | 441   | 267   | 51.3   | 46.2      | 16.1    | 28.1     | 43.3     | 159     |
| 1959               | 51.8    | 90.6     | 40.2  | 12.1  | 17.6  | 14.8  | 11.5  | 8.69   | 6.85      | 56.8    | 23.7     | 25.6     | 30.0    |
| 1960               | 29.3    | 37.3     | 92.0  | 51.9  | 14.0  | 391   | 302   | 8.68   | 10.9      | 46.5    | 24.2     | 51.7     | 88.3    |
| 1961               | 59.1    | 35.9     | 29.3  | 15.9  | 92.0  | 188   | 192   | 353    | 377       | 326     | 70.8     | 49.5     | 149     |
| 1962               | 48.7    | 80.6     | 56.6  | 22.5  | 323   | 369   | 400   | 58.4   | 13.0      | 35.5    | 51.2     | 44.7     | 125     |
| 1963               | 45.4    | 54.8     | 52.3  | 19.3  | 116   | 74.8  | 43.5  | 103    | 73.5      | 5.43    | 7.57     | 16.3     | 51.0    |
| 1964               | 19.1    | 14.7     | 12.4  | 11.1  | 138   | 43.5  | 79.7  | 80.4   | 28.7      | 14.6    | 5.57     | 8.03     | 38.0    |
| 1965               | 10.4    | 25.0     | 9.58  | 28.7  | 174   | 2,170 | 821   | 1,900  | 108       | 193     | 209      | 246      | 491     |
| 1966               | 162     | 391      | 63.5  | 35.7  | 16.9  | 13.7  | 254   | 135    | 148       | 30.6    | 20.0     | 43.8     | 110     |
| 1967               | 25.8    | 21.8     | 18.6  | 14.6  | 135   | 72.1  | 90.2  | 23.4   | 15.5      | 37.7    | 63.6     | 57.6     | 48.0    |
| 1968               | 43.2    | 25.7     | 21.5  | 20.8  | 44.8  | 337   | 326   | 161    | 141       | 32.5    | 22.7     | 24.1     | 100     |
| 1969               | 33.6    | 29.4     | 37.5  | 21.5  | 68.3  | 125   | 258   | 330    | 162       | 82.5    | 58.3     | 50.4     | 105     |
| 1970               | 79.5    | 39.5     | 28.6  | 43.2  | 109   | 429   | 474   | 290    | 304       | 139     | 37.9     | 26.6     | 167     |
| 1971               | 96.9    | 73.3     | 39.2  | 45.3  | 93.9  | 363   | 318   | 88.2   | 74.5      | 78.1    | 39.8     | 37.5     | 112     |
| 1972               | 29.8    | 42.4     | 21.7  | 19.4  | 75.9  | 523   | 169   | 139    | 46.8      | 11.4    | 30.0     | 28.0     | 94.7    |
| 1973               | 39.4    | 36.7     | 37.3  | 41.6  | 110   | 199   | 471   | 252    | 46.9      | 139     | 31.0     | 27.5     | 119     |
| 1974               | 72.5    | 44.7     | 27.7  | 25.0  | 255   | 429   | 93.7  | 10.1   | 4.88      | 5.54    | 6.05     | 11.2     | 82.1    |
| 1975               | 18.9    | 21.2     | 15.8  | 11.3  | 32.8  | 475   | 638   | 218    | 22.8      | 12.4    | 13.5     | 32.9     | 126     |
| 1976               | 35.2    | 23.2     | 19.0  | 86.8  | 116   | 385   | 126   | 160    | 78.9      | 207     | 22.0     | 38.4     | 102     |
| 1977               | 241     | 96.6     | 19.0  | 10.8  | 24.7  | 61.2  | 71.2  | 182    | 9.12      | 5.13    | 6.65     | 8.40     | 67.6    |
| 1978               | 8.45    | 18.5     | 15.6  | 10.8  | 27.0  | 389   | 490   | 105    | 27.9      | 13.3    | 8.56     | 37.6     | 96.0    |
| 1979               | 51.4    | 123      | 38.5  | 24.4  | 142   | 534   | 455   | 220    | 45.9      | 20.6    | 25.1     | 89.3     | 147     |
| 1980               | 167     | 116      | 90.7  | 148   | 1,900 | 1,740 | 160   | 130    | 114       | 60.1    | 74.7     | 143      | 404     |



Table 95.--Mean discharge, in cubic feet per second, for station 07124500, Purgatoire River at Trinidad

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| 1905 | --      | --       | --    | --    | --   | --   | --   | --     | 47.3      | 17.7    | 34.8     | 133      | --      |
| 1906 | --      | --       | --    | --    | --   | --   | --   | --     | --        | --      | 43.0     | 28.3     | --      |
| 1907 | 18.5    | 12.6     | --    | --    | --   | --   | --   | --     | --        | 49.8    | 38.6     | 45.2     | --      |
| 1908 | 25.0    | 20.0     | 20.0  | 35.3  | 57.2 | 46.9 | 263  | 350    | 56.6      | 25.8    | 12.0     | --       | --      |
| 1909 | --      | --       | --    | --    | --   | --   | --   | --     | 290       | 50.0    | 36.0     | 25.0     | --      |
| 1910 | 10.0    | 10.0     | 35.0  | 155   | 246  | 137  | 89.9 | 78.3   | 25.0      | 14.9    | 18.0     | 15.0     | 69.5    |
| 1911 | 9.29    | 6.18     | 19.5  | 6.27  | 69.3 | 137  | 581  | 107    | 39.2      | 153     | 32.9     | 7.10     | 97.3    |
| 1912 | 9.55    | 19.5     | 56.6  | 74.0  | 211  | 392  | 288  | 222    | 62.6      | --      | --       | --       | --      |
| 1915 | --      | --       | --    | --    | --   | --   | --   | --     | --        | 40.0    | 25.0     | 15.0     | --      |
| 1916 | 10.0    | 10.0     | 15.0  | 26.3  | 260  | 284  | 59.5 | 121    | 5.00      | 8.61    | 9.00     | 9.00     | 68.1    |
| 1917 | 9.00    | 9.00     | 10.0  | 10.0  | 134  | 197  | 172  | 83.1   | 63.9      | 25.3    | 30.5     | 25.0     | 64.1    |
| 1918 | 20.0    | 16.0     | 10.0  | 52.3  | 58.7 | 177  | 300  | 150    | 75.0      | 45.0    | 40.0     | 30.0     | 81.8    |
| 1919 | 30.0    | 30.0     | 25.0  | 100   | 375  | 295  | 559  | 161    | 79.4      | 92.7    | 65.8     | 41.9     | 155     |
| 1920 | 30.0    | 25.0     | 20.0  | 30.0  | 216  | 334  | 122  | 148    | 64.5      | 41.6    | 42.0     | 28.9     | 91.8    |
| 1921 | 30.0    | 30.3     | 21.5  | 66.9  | 119  | 522  | 107  | 255    | 117       | 24.9    | 23.2     | 26.7     | 112     |
| 1922 | 21.4    | 25.0     | 28.4  | 18.9  | 77.9 | 170  | 94.3 | 65.9   | 46.2      | 13.1    | 17.4     | 15.0     | 49.5    |
| 1923 | 20.0    | 23.5     | 23.2  | 21.2  | 83.7 | 341  | 341  | 391    | 289       | 281     | 112      | 63.5     | 166     |
| 1924 | 51.0    | 78.8     | 76.6  | 284   | 360  | 294  | 134  | 52.1   | 24.3      | 16.1    | 18.1     | 31.4     | 118     |
| 1925 | 19.6    | 40.7     | 24.3  | 6.23  | 28.3 | 48.2 | 266  | 157    | 52.6      | 37.3    | 33.1     | 22.1     | 61.3    |
| 1926 | 19.7    | 30.1     | 47.3  | 236   | 366  | 376  | 179  | 189    | 23.8      | 10.9    | 22.7     | 9.71     | 119     |
| 1927 | 14.0    | 16.5     | 20.2  | 17.0  | 82.1 | 127  | 285  | 245    | 70.8      | 40.3    | 19.9     | 22.9     | 73.4    |
| 1928 | 19.1    | 15.3     | 20.6  | 52.4  | 375  | 277  | 84.6 | 115    | 22.0      | 13.4    | 21.5     | 24.2     | 86.7    |
| 1929 | 19.5    | 17.4     | 28.1  | 17.9  | 143  | 138  | 71.5 | 273    | 98.0      | 48.1    | 46.0     | 29.2     | 77.5    |
| 1930 | 17.3    | 22.0     | 23.6  | 61.1  | 92.3 | 166  | 264  | 347    | 87.0      | 46.1    | 41.6     | 24.2     | 99.3    |
| 1931 | 19.5    | 26.4     | 53.5  | 90.7  | 315  | 195  | 104  | 54.3   | 54.7      | 47.9    | 29.1     | 19.5     | 84.1    |
| 1932 | 20.8    | 26.7     | 20.9  | 26.2  | 133  | 179  | 102  | 68.7   | 25.7      | 24.5    | 20.6     | 13.7     | 55.1    |
| 1933 | 20.2    | 23.5     | 12.0  | 9.77  | 66.9 | 229  | 131  | 144    | 50.7      | 27.8    | 30.8     | 16.5     | 63.5    |
| 1934 | 16.1    | 21.9     | 22.7  | 38.2  | 89.9 | 56.7 | 50.1 | 36.7   | 19.8      | 16.0    | 16.2     | 24.1     | 34.0    |
| 1935 | 17.0    | 13.7     | 10.4  | 13.1  | 128  | 308  | 150  | 121    | 65.7      | 41.6    | 27.6     | 16.6     | 76.1    |
| 1936 | 17.0    | 18.2     | 13.1  | 28.1  | 101  | 71.8 | 49.1 | 132    | 50.5      | 47.4    | 29.0     | 16.5     | 47.8    |
| 1937 | 15.4    | 26.8     | 24.4  | 94.0  | 254  | 297  | 128  | 134    | 65.9      | 26.6    | 19.3     | 17.2     | 91.9    |
| 1938 | 17.4    | 19.8     | 17.6  | 35.5  | 242  | 317  | 156  | 69.2   | 85.3      | 70.0    | 45.7     | 32.6     | 92.3    |
| 1939 | 44.8    | 32.3     | 34.0  | 57.8  | 111  | 85.2 | 35.7 | 67.6   | 24.9      | 18.1    | 14.4     | 12.6     | 44.9    |
| 1940 | 12.3    | 15.7     | 20.9  | 31.9  | 106  | 132  | 69.8 | 64.9   | 67.9      | 34.5    | 34.4     | 25.1     | 51.3    |
| 1941 | 38.0    | 22.2     | 35.5  | 149   | 753  | 544  | 329  | 192    | 120       | 141     | 77.8     | 42.9     | 204     |
| 1942 | 43.8    | 45.1     | 59.0  | 1,300 | 606  | 392  | 264  | 161    | 148       | 124     | 46.6     | 32.9     | 268     |
| 1943 | 42.5    | 22.7     | 20.8  | 23.9  | 58.1 | 45.4 | 36.0 | 159    | 32.9      | 23.8    | 18.4     | 27.0     | 42.5    |
| 1944 | 29.9    | 30.1     | 19.2  | 216   | 369  | 457  | 206  | 74.0   | 29.2      | 25.1    | 21.9     | 25.3     | 125     |
| 1945 | 25.9    | 22.3     | 22.4  | 33.9  | 113  | 171  | 174  | 180    | 34.5      | 26.5    | 25.9     | 18.5     | 70.7    |
| 1946 | 20.0    | 22.9     | 24.8  | 26.1  | 44.9 | 34.9 | 24.3 | 94.5   | 48.4      | 28.9    | 38.5     | 22.4     | 35.9    |
| 1947 | 19.8    | 21.5     | 21.3  | 49.1  | 385  | 282  | 198  | 160    | 70.0      | 31.2    | 25.9     | 32.7     | 108     |
| 1948 | 33.6    | 59.3     | 134   | 68.9  | 265  | 548  | 133  | 82.7   | 25.7      | 25.5    | 30.7     | 31.3     | 120     |
| 1949 | 31.4    | 26.8     | 16.4  | 29.8  | 102  | 441  | 321  | 95.5   | 52.8      | 22.7    | 22.5     | 18.8     | 98.4    |
| 1950 | 23.6    | 17.5     | 10.9  | 13.2  | 15.0 | 19.8 | 87.0 | 108    | 59.6      | 7.19    | 12.2     | 11.5     | 32.1    |
| 1951 | 14.6    | 23.5     | 10.8  | 17.5  | 31.7 | 53.6 | 58.3 | 26.9   | 4.16      | 5.92    | 16.8     | 21.4     | 23.8    |
| 1952 | 22.6    | 27.0     | 16.8  | 30.7  | 190  | 360  | 107  | 129    | 64.2      | 24.6    | 24.7     | 51.2     | 87.3    |
| 1953 | 32.7    | 19.0     | 18.0  | 9.00  | 54.2 | 185  | 195  | 115    | 32.7      | 14.5    | 17.7     | 15.7     | 59.0    |
| 1954 | 14.7    | 12.6     | 14.7  | 14.7  | 65.3 | 68.6 | 107  | 153    | 13.9      | 28.3    | 14.8     | 10.9     | 43.2    |
| 1955 | 7.75    | 7.36     | 6.85  | 12.5  | 994  | 271  | 98.6 | 209    | 64.2      | 27.3    | 16.5     | 24.5     | 152     |
| 1956 | 16.4    | 20.6     | 17.3  | 17.3  | 53.5 | 71.9 | 65.5 | 64.1   | 4.47      | 3.70    | 9.98     | 15.1     | 30.0    |
| 1957 | 12.8    | 11.2     | 14.7  | 37.0  | 206  | 653  | 491  | 359    | 106       | 45.3    | 35.8     | 21.0     | 166     |
| 1958 | 24.2    | 22.9     | 27.2  | 92.7  | 458  | 401  | 101  | 76.3   | 30.1      | 19.2    | 22.9     | 22.8     | 108     |
| 1959 | 24.3    | 22.1     | 27.1  | 30.8  | 62.8 | 110  | 58.4 | 80.8   | 23.2      | 21.5    | 16.8     | 11.3     | 40.8    |
| 1960 | 10.5    | 11.5     | 72.1  | 52.8  | 50.8 | 88.3 | 102  | 40.9   | 20.6      | --      | --       | --       | --      |
| 1961 | --      | --       | --    | --    | --   | --   | --   | --     | --        | 60.3    | 43.2     | 31.5     | --      |
| 1962 | 27.3    | 27.4     | 25.5  | 107   | 158  | 128  | 172  | 27.5   | 25.8      | 21.0    | 17.5     | 12.7     | 62.5    |
| 1963 | 15.0    | 20.1     | 17.1  | 8.92  | 16.5 | 22.3 | 11.3 | 88.2   | 107       | 21.8    | 21.8     | 15.2     | 30.4    |
| 1964 | 14.5    | 11.0     | 17.1  | 38.2  | 86.1 | 100  | 53.8 | 115    | 26.0      | 11.4    | 17.1     | 9.76     | 41.7    |
| 1965 | 6.16    | 8.37     | 12.3  | 20.3  | 107  | 627  | 232  | 280    | 85.5      | 46.0    | 28.8     | 22.9     | 123     |
| 1966 | 36.4    | 26.2     | 17.0  | 26.2  | 59.4 | 103  | 199  | 244    | 45.4      | 19.5    | 19.0     | 12.9     | 67.3    |
| 1967 | 14.5    | 17.7     | 14.6  | 11.6  | 15.2 | 109  | 150  | 196    | 86.3      | 32.1    | 31.2     | 25.4     | 58.6    |
| 1968 | 27.3    | 21.5     | 29.3  | 44.1  | 158  | 221  | 137  | 198    | 38.6      | 27.0    | 23.3     | 23.0     | 79.0    |
| 1969 | 24.6    | 21.8     | 22.7  | 34.4  | 72.1 | 208  | 150  | 154    | 76.7      | 44.9    | 27.8     | 31.4     | 72.4    |
| 1970 | 28.0    | 22.7     | 20.6  | 84.3  | 150  | 142  | 169  | 67.0   | 40.8      | 39.7    | 31.9     | 17.5     | 67.8    |
| 1971 | 14.6    | 14.4     | 15.7  | 15.7  | 30.9 | 53.7 | 77.5 | 55.1   | 35.6      | 37.7    | 29.6     | 25.8     | 33.9    |
| 1972 | 22.5    | 18.6     | 13.7  | 13.3  | 26.5 | 29.8 | 34.6 | 27.0   | 22.5      | 7.26    | 17.8     | 17.4     | 20.9    |
| 1973 | 16.0    | 14.2     | 15.8  | 189   | 220  | 278  | 211  | 61.3   | 22.7      | 18.2    | 19.8     | 16.6     | 90.2    |
| 1974 | 18.4    | 19.7     | 27.8  | 17.1  | 31.4 | 36.1 | 28.2 | 37.7   | 17.2      | 16.6    | 14.8     | 10.5     | 23.0    |
| 1975 | 11.8    | 10.4     | 21.3  | 25.1  | 62.7 | 153  | 165  | 55.3   | 27.4      | 13.9    | 16.0     | 15.2     | 48.1    |
| 1976 | 12.6    | 12.2     | 11.5  | 15.2  | 45.1 | 70.2 | 120  | 51.2   | 27.7      | 26.5    | 15.3     | 16.8     | 35.4    |
| 1977 | 11.2    | 12.2     | 14.0  | 21.1  | 31.5 | 57.8 | 59.9 | 67.2   | 42.3      | 25.3    | 19.3     | 13.4     | 31.3    |
| 1978 | 11.4    | 12.3     | 13.7  | 14.5  | 61.7 | 144  | 127  | 65.4   | 17.5      | 15.7    | 19.3     | 13.6     | 43.0    |
| 1979 | 12.6    | 14.1     | 11.3  | 14.8  | 97.2 | 105  | 187  | 99.7   | 45.6      | 20.8    | 5.49     | 2.31     | 51.3    |
| 1980 | 2.63    | 5.64     | 1.00  | 23.7  | 56.7 | 321  | 234  | 182    | 71.5      | 19.4    | 4.77     | 2.16     | 77.0    |

Table 96.--Mean discharge, in cubic feet per second, for station 07126000, Purgatoire River near Alfalfa

[--, missing data]

| Year | January | February | March | April | May   | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|-------|------|------|--------|-----------|---------|----------|----------|---------|
| 1905 | --      | --       | --    | 911   | 502   | 248  | 50.9 | 293    | 54.6      | 11.3    | 11.3     | 30.0     | --      |
| 1906 | 28.6    | 16.7     | 6.90  | 17.6  | 12.8  | 76.3 | 431  | 89.4   | 45.6      | 22.1    | 10.0     | 8.00     | 63.7    |
| 1907 | 6.00    | 4.00     | 2.00  | 9.10  | 230   | 311  | 199  | 173    | 13.0      | --      | --       | --       | --      |
| 1924 | --      | --       | 46.4  | 188   | 72.7  | 61.7 | 62.6 | 47.5   | 10.3      | 13.8    | 12.8     | 12.0     | --      |
| 1925 | 10.0    | 9.00     | 9.00  | 3.40  | 4.16  | .60  | 303  | 84.9   | 43.0      | 19.9    | 15.4     | 15.0     | 43.1    |
| 1926 | 12.0    | 25.0     | 40.0  | 208   | 242   | 150  | 73.1 | 23.8   | 11.3      | 13.0    | 15.6     | 20.0     | 69.5    |
| 1927 | 25.0    | 20.0     | 14.9  | 8.17  | 1.19  | 10.5 | 244  | 461    | 61.2      | 25.0    | 16.0     | 20.0     | 75.6    |
| 1928 | 15.0    | 15.0     | 20.0  | 61.6  | 217   | 319  | 56.3 | 86.2   | 11.7      | --      | --       | --       | --      |
| 1951 | --      | --       | --    | --    | --    | --   | --   | --     | --        | 4.00    | 12.0     | 10.0     | --      |
| 1952 | 8.00    | 10.0     | 9.00  | 11.3  | 33.0  | 111  | 3.23 | 53.5   | 43.0      | 11.8    | 15.0     | 19.1     | 27.3    |
| 1953 | 17.9    | 17.4     | 8.74  | 3.17  | 78.9  | 66.3 | 104  | 78.5   | 19.9      | 3.57    | 8.26     | 7.24     | 34.5    |
| 1954 | 11.4    | 10.0     | 4.77  | 1.03  | 15.1  | 2.04 | 265  | 22.9   | 2.76      | 8.39    | 2.50     | 7.10     | 29.4    |
| 1955 | 10.0    | 4.50     | 5.00  | 5.50  | 1,520 | 120  | 30.0 | 175    | 18.4      | 14.4    | 12.3     | 15.7     | 161     |
| 1956 | 9.13    | 14.7     | 7.64  | 2.45  | 61.4  | 22.7 | 86.7 | 112    | 1.96      | .75     | 3.88     | 2.93     | 27.2    |
| 1957 | 3.35    | 5.80     | 4.10  | 20.9  | 137   | 410  | 248  | 106    | 33.8      | 34.7    | 26.4     | 21.9     | 87.7    |
| 1958 | 20.0    | 28.7     | 30.4  | 63.9  | 190   | 201  | 114  | 150    | 21.1      | 15.8    | 20.7     | 13.9     | 72.5    |
| 1959 | 16.9    | 27.3     | 27.4  | 29.9  | 42.9  | 46.2 | 12.0 | 28.6   | 3.13      | 9.38    | 14.8     | 16.6     | 22.9    |
| 1960 | 10.1    | 22.2     | 88.6  | 43.9  | 15.2  | 6.93 | 25.2 | 7.66   | 15.5      | 65.9    | 35.1     | 20.4     | 29.7    |
| 1961 | 10.8    | 14.7     | 25.5  | 91.7  | 19.5  | 54.9 | 131  | 103    | 29.6      | 27.7    | 32.8     | 24.0     | 47.1    |
| 1962 | 29.2    | 27.0     | 20.5  | 24.5  | 25.5  | 37.0 | 96.6 | 9.31   | 10.4      | 14.7    | 16.4     | 17.8     | 27.4    |
| 1963 | 12.0    | 18.0     | 13.9  | 4.03  | .95   | 6.35 | 10.8 | 72.7   | 142       | 10.8    | 10.2     | 6.91     | 25.7    |
| 1964 | 7.95    | 8.83     | 16.0  | 23.9  | 19.9  | 15.3 | .79  | 61.4   | 5.91      | 1.31    | 4.61     | 7.42     | 14.4    |
| 1965 | 7.10    | 10.2     | 8.64  | 6.95  | 55.1  | 901  | 279  | 342    | 44.5      | 20.5    | 13.5     | 18.2     | 142     |
| 1966 | 20.5    | 24.4     | 14.0  | 7.92  | 5.12  | 11.8 | 130  | 263    | 70.8      | 9.03    | 11.8     | 15.4     | 48.6    |
| 1967 | 17.5    | 12.4     | 8.63  | 5.42  | 31.0  | 259  | 118  | 246    | 52.4      | 20.1    | 21.4     | 11.8     | 67.0    |
| 1968 | 23.6    | 18.5     | 13.4  | 18.7  | 32.6  | 80.6 | 93.4 | 139    | 7.39      | --      | --       | --       | --      |

Table 97.--Mean discharge, in cubic feet per second, for station 07126300, Purgatoire River near Thatcher

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| 1966 | --      | --       | --    | --    | --   | --   | 162  | 287    | 98.9      | 9.74    | 12.3     | 15.9     | --      |
| 1967 | 18.4    | 16.2     | 10.2  | 5.42  | 113  | 336  | 156  | 256    | 66.5      | 18.3    | 21.6     | 17.9     | 86.3    |
| 1968 | 27.8    | 20.6     | 16.9  | 18.4  | 31.5 | 105  | 132  | 194    | 5.97      | 10.1    | 19.2     | 14.4     | 49.7    |
| 1969 | 24.9    | 18.0     | 29.0  | 70.3  | 44.7 | 297  | 59.8 | 98.1   | 83.1      | 44.0    | 42.4     | 34.3     | 70.5    |
| 1970 | 29.2    | 22.5     | 18.7  | 55.6  | 25.5 | 35.7 | 83.0 | 21.7   | 27.0      | 42.5    | 29.0     | 32.9     | 35.3    |
| 1971 | 39.5    | 27.6     | 24.2  | 10.9  | 13.3 | 15.9 | 26.3 | 34.1   | 5.27      | 17.5    | 21.7     | 21.5     | 21.5    |
| 1972 | 17.0    | 12.4     | 8.40  | 3.55  | 3.16 | 11.2 | 37.6 | 11.5   | 81.4      | .44     | 9.76     | 12.8     | 17.4    |
| 1973 | 14.8    | 16.0     | 12.2  | 302   | 161  | 50.9 | 77.2 | 22.7   | 12.5      | 6.16    | 10.2     | 22.5     | 59.0    |
| 1974 | 34.7    | 28.4     | 36.9  | 16.5  | 8.07 | 5.54 | 6.62 | 3.30   | .13       | 5.64    | 3.22     | 7.42     | 13.0    |
| 1975 | 12.7    | 12.9     | 8.43  | 9.33  | 4.90 | 20.5 | 25.8 | 28.1   | 1.03      | 1.39    | 6.65     | 12.4     | 12.0    |
| 1976 | 15.1    | 11.5     | 6.13  | 4.83  | 6.82 | 6.69 | 55.1 | 9.10   | 10.8      | 11.3    | 8.00     | 14.1     | 13.3    |
| 1977 | 11.9    | 24.3     | 5.97  | 5.14  | 11.6 | 11.6 | 140  | 221    | 18.1      | 1.34    | 5.99     | 15.9     | 39.4    |
| 1978 | 10.6    | 13.4     | 8.40  | 1.38  | 52.7 | 178  | 35.4 | 85.0   | .64       | .73     | 3.71     | 12.1     | 33.5    |
| 1979 | 12.7    | 17.9     | 11.2  | 6.24  | 85.6 | 209  | 84.0 | 267    | 34.0      | 24.2    | 24.4     | 18.2     | 66.2    |
| 1980 | 19.2    | 18.0     | 15.1  | 137   | 388  | 87.8 | 31.5 | 38.6   | 98.9      | 18.4    | 28.0     | 25.5     | 75.5    |

Table 98.--Mean discharge, in cubic feet per second, for station 07126500, Purgatoire River at Ninemile Dam

[--, missing data]

| Year | January | February | March | April | May   | June  | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|-------|-------|------|--------|-----------|---------|----------|----------|---------|
| 1924 | --      | --       | --    | --    | --    | --    | --   | --     | --        | 8.43    | 15.3     | 16.0     | --      |
| 1925 | 10.0    | 15.0     | 18.0  | 8.93  | 13.8  | 43.5  | 473  | 278    | 65.0      | 17.1    | 24.6     | 18.0     | 82.1    |
| 1926 | 20.0    | 30.0     | 84.6  | 297   | 308   | 189   | 198  | 56.9   | 5.07      | 9.52    | 19.9     | 21.4     | 103     |
| 1927 | 29.5    | 22.7     | 34.7  | 22.4  | 5.23  | 27.1  | 530  | 1,380  | 144       | 27.0    | 21.6     | 22.6     | 189     |
| 1928 | 25.1    | 29.6     | 17.5  | 65.0  | 650   | 639   | 54.8 | 48.7   | 6.40      | 25.3    | 54.0     | 35.0     | 138     |
| 1929 | 54.8    | 71.1     | 64.8  | 45.7  | 45.5  | 84.1  | 25.2 | 1,140  | 64.2      | 40.1    | 36.5     | 34.5     | 142     |
| 1930 | 25.0    | 47.9     | 24.6  | 21.3  | 31.5  | 66.8  | 118  | 251    | 63.2      | 196     | 63.8     | 65.0     | 81.2    |
| 1931 | 75.0    | 134      | 167   | 157   | 198   | 133   | 27.1 | 35.0   | 42.7      | 19.1    | 29.8     | 21.2     | 86.6    |
| 1932 | 42.6    | 52.9     | 26.6  | 37.7  | 35.5  | 67.3  | 65.5 | 20.4   | 3.50      | 13.6    | 20.0     | 11.3     | 33.1    |
| 1933 | 39.2    | 33.2     | 13.3  | 5.87  | 112   | 118   | 127  | 265    | 200       | 17.5    | 18.1     | 21.5     | 80.9    |
| 1934 | 16.9    | 22.7     | 16.4  | 5.77  | 20.0  | 59.2  | 149  | 79.7   | 415       | 2.97    | 1.00     | 3.81     | 66.0    |
| 1935 | 9.02    | 9.09     | 2.60  | .96   | 308   | 96.4  | 283  | 230    | 196       | 29.5    | 15.4     | 17.6     | 99.8    |
| 1936 | 19.3    | 30.3     | 4.59  | 6.32  | 212   | 47.7  | 222  | 350    | 26.0      | 24.2    | 13.0     | 10.5     | 80.5    |
| 1937 | 5.77    | 13.6     | 14.6  | 8.97  | 82.2  | 364   | 93.3 | 127    | 296       | 26.7    | 20.9     | 10.7     | 88.6    |
| 1938 | 16.4    | 15.8     | 14.6  | 14.0  | 81.6  | 258   | 236  | 127    | 273       | 34.5    | 22.6     | 23.8     | 93.1    |
| 1939 | 20.7    | 16.5     | 57.2  | 30.2  | 11.1  | 13.5  | 38.8 | 78.2   | .13       | .00     | 2.79     | 4.99     | 22.8    |
| 1940 | 4.80    | 18.6     | 36.6  | 50.4  | 53.1  | 115   | 33.0 | 70.2   | 266       | 12.2    | 14.9     | 22.7     | 58.1    |
| 1941 | 36.0    | 35.2     | 27.2  | 158   | 892   | 510   | 216  | 275    | 243       | 234     | 105      | 54.3     | 232     |
| 1942 | 46.4    | 23.3     | 52.1  | 2,640 | 983   | 373   | 190  | 264    | 559       | 593     | 111      | 68.9     | 492     |
| 1943 | 115     | 57.3     | 44.1  | 20.8  | 17.0  | 35.3  | 8.25 | 133    | 5.76      | 7.68    | 15.1     | 17.8     | 39.8    |
| 1944 | 15.6    | 39.3     | 28.7  | 345   | 771   | 432   | 212  | 78.8   | 14.7      | 35.3    | 30.3     | 40.3     | 170     |
| 1945 | 41.8    | 37.7     | 29.7  | 36.7  | 16.9  | 25.2  | 142  | 261    | 16.0      | 41.3    | 18.6     | 14.2     | 56.8    |
| 1946 | 24.6    | 18.6     | 43.8  | 53.7  | 5.24  | 21.2  | 14.8 | 59.8   | 57.3      | 15.5    | 82.5     | 28.0     | 35.4    |
| 1947 | 21.1    | 26.5     | 63.5  | 97.8  | 225   | 65.8  | 95.8 | 53.2   | 17.8      | 12.2    | 21.2     | 20.2     | 60.0    |
| 1948 | 26.1    | 79.9     | 148   | 57.5  | 237   | 767   | 94.3 | 111    | 68.5      | 13.8    | 27.8     | 26.6     | 138     |
| 1949 | 22.2    | 24.7     | 14.3  | 31.8  | 82.2  | 849   | 194  | 38.5   | 53.2      | 11.5    | 24.3     | 20.2     | 114     |
| 1950 | 21.9    | 23.2     | 11.5  | 7.19  | 9.44  | 36.9  | 334  | 165    | 88.7      | 6.23    | 7.99     | 12.4     | 60.4    |
| 1951 | 13.3    | 12.8     | 4.10  | 13.9  | 50.6  | 65.1  | 330  | 467    | 5.12      | .27     | 11.0     | 8.34     | 81.8    |
| 1952 | 13.0    | 12.6     | 8.50  | 21.8  | 35.2  | 69.1  | 32.2 | 32.9   | 85.0      | 4.45    | 9.21     | 18.0     | 28.5    |
| 1953 | 15.9    | 17.6     | 8.46  | 2.83  | 87.4  | 41.7  | 655  | 345    | 57.9      | .38     | 10.6     | 14.8     | 105     |
| 1954 | 19.3    | 11.0     | 8.48  | .36   | 17.2  | 11.1  | 547  | 427    | 7.32      | 14.8    | 3.03     | 4.33     | 89.2    |
| 1955 | 14.2    | 14.7     | 6.25  | 12.4  | 2,570 | 153   | 22.1 | 452    | 82.0      | 8.13    | 15.4     | 11.3     | 280     |
| 1956 | 7.26    | 15.6     | 10.1  | 3.61  | 66.8  | 26.4  | 144  | 205    | 4.49      | .00     | .00      | 1.56     | 40.4    |
| 1957 | 3.79    | 5.28     | 8.07  | 99.0  | 186   | 399   | 328  | 153    | 60.0      | 16.3    | 53.8     | 29.8     | 112     |
| 1958 | 31.5    | 40.0     | 41.4  | 86.4  | 250   | 319   | 350  | 242    | 17.1      | 5.67    | 20.9     | 16.5     | 118     |
| 1959 | 25.9    | 36.3     | 29.8  | 52.3  | 57.4  | 57.9  | 35.7 | 46.8   | 4.26      | 6.71    | 14.7     | 19.2     | 32.2    |
| 1960 | 23.2    | 66.8     | 227   | 95.2  | 19.9  | 7.47  | 89.7 | 15.0   | 42.7      | 70.6    | 14.1     | 9.73     | 56.8    |
| 1961 | 7.00    | 36.6     | 33.3  | 121   | 21.4  | 86.3  | 176  | 134    | 26.3      | 14.9    | 32.8     | 18.4     | 59.0    |
| 1962 | 20.0    | 35.8     | 31.1  | 27.4  | 34.9  | 122   | 280  | 29.4   | .34       | 4.42    | 8.74     | 13.8     | 50.7    |
| 1963 | 11.0    | 27.0     | 12.3  | 2.02  | 1.95  | 52.8  | 36.6 | 221    | 394       | 9.94    | 6.07     | 7.82     | 65.2    |
| 1964 | 11.0    | 21.4     | 20.6  | 29.4  | 45.2  | 20.9  | 40.2 | 155    | 9.68      | .00     | .00      | 4.89     | 29.9    |
| 1965 | 4.15    | 9.58     | 9.34  | 7.99  | 42.8  | 1,260 | 506  | 625    | 80.0      | 26.1    | 18.0     | 33.8     | 218     |
| 1966 | 20.1    | 33.2     | 20.5  | 10.3  | 1.01  | 8.11  | 252  | 722    | 592       | 21.5    | 16.3     | 15.6     | 143     |
| 1967 | 24.7    | 25.7     | 11.5  | 6.33  | 169   | 552   | 294  | 382    | 101       | 16.0    | 21.7     | 20.4     | 135     |
| 1968 | 25.0    | 27.5     | 19.9  | 16.3  | 29.5  | 68.2  | 186  | 359    | 3.03      | 3.31    | 18.6     | 23.3     | 65.0    |
| 1969 | 28.0    | 22.6     | 20.2  | 98.6  | 125   | 510   | 126  | 128    | 98.1      | 33.4    | 55.9     | 33.3     | 107     |
| 1970 | 25.9    | 21.5     | 20.7  | 62.7  | 20.8  | 27.4  | 82.8 | 29.5   | 27.7      | 37.2    | 34.0     | 23.8     | 34.5    |
| 1971 | 21.6    | 26.0     | 23.1  | 9.07  | 9.45  | 16.1  | 53.7 | 49.9   | 8.45      | 17.6    | 24.2     | 25.8     | 23.7    |
| 1972 | 17.9    | 16.6     | 7.80  | 4.04  | 5.42  | 1.24  | 217  | 14.8   | 323       | .15     | 8.97     | 12.4     | 52.4    |
| 1973 | 12.1    | 12.5     | 17.8  | 338   | 218   | 54.1  | 249  | 41.1   | 23.8      | 6.19    | 10.8     | 18.2     | 83.5    |
| 1974 | 24.3    | 32.2     | 42.7  | 19.4  | 5.08  | 12.0  | .24  | 9.27   | .00       | 1.24    | .00      | .34      | 12.2    |
| 1975 | 5.55    | 11.7     | 9.06  | 9.38  | 1.47  | 13.1  | 39.7 | 41.0   | .00       | .00     | .00      | 9.88     | 11.7    |
| 1976 | 8.26    | 10.7     | 5.08  | 2.61  | 14.0  | 62.1  | 36.3 | 29.6   | 4.00      | 11.4    | .00      | 17.2     | 16.8    |
| 1977 | 5.82    | 11.7     | 6.06  | 4.21  | 33.4  | 4.35  | 177  | 333    | 28.1      | .00     | 2.39     | 17.0     | 51.9    |
| 1978 | 18.9    | 14.2     | 9.39  | 1.19  | 59.6  | 255   | 91.5 | 87.4   | .90       | .00     | .00      | 4.45     | 45.2    |
| 1979 | 15.6    | 16.1     | 13.6  | 8.05  | 45.9  | 218   | 115  | 302    | 37.2      | 20.4    | 28.6     | 25.4     | 70.5    |
| 1980 | 32.0    | 20.0     | 17.9  | 109   | 299   | 78.2  | 34.0 | 32.6   | 78.1      | 15.4    | 28.3     | 24.5     | 64.1    |

Table 99.---Mean discharge, in cubic feet per second, for station 07128000, Purgatoire River at Highland Dam

| Year | [---, missing data] |          |       |       |       |      |      |        |           |         |          |          |
|------|---------------------|----------|-------|-------|-------|------|------|--------|-----------|---------|----------|----------|
|      | January             | February | March | April | May   | June | July | August | September | October | November | December |
| 1931 | --                  | --       | --    | --    | --    | --   | --   | --     | --        | 11.7    | 17.3     | 17.8     |
| 1932 | 16.4                | 31.0     | 19.7  | 32.0  | 26.0  | 73.8 | 115  | 38.6   | .13       | 2.97    | 14.5     | 7.26     |
| 1933 | 19.0                | 72.1     | 10.7  | 3.07  | 167   | 117  | 110  | 318    | 262       | 7.35    | 10.8     | 14.7     |
| 1934 | 8.94                | 14.7     | 13.5  | 2.77  | 13.2  | 30.5 | 142  | 57.3   | 378       | 1.97    | 1.50     | 4.55     |
| 1935 | 5.00                | .50      | .19   | .00   | 372   | 107  | 221  | 173    | 219       | 10.0    | 14.1     | 12.4     |
| 1936 | 6.40                | 8.05     | 1.59  | 1.12  | 302   | 64.5 | 248  | 396    | 14.8      | 23.6    | 12.4     | 10.4     |
| 1937 | 2.31                | 8.52     | 11.8  | 5.96  | 31.9  | 373  | 136  | 166    | 420       | 22.5    | 14.7     | 13.4     |
| 1938 | 9.06                | 12.3     | 18.3  | 13.6  | 109   | 246  | 262  | 110    | 198       | 38.3    | 23.3     | 18.3     |
| 1939 | 20.8                | 32.4     | 52.2  | 26.0  | 7.44  | 9.26 | 25.1 | 101    | .85       | .00     | .00      | 1.65     |
| 1940 | 2.89                | 16.5     | 53.5  | 45.7  | 57.8  | 163  | 85.7 | 82.2   | 183       | 10.5    | 6.84     | 19.4     |
| 1941 | 23.1                | 33.0     | 31.8  | 145   | 807   | 528  | 256  | 382    | 295       | 239     | 149      | 74.9     |
| 1942 | 73.3                | 38.0     | 85.6  | 2,870 | 763   | 353  | 129  | 298    | 647       | 487     | 112      | 70.6     |
| 1943 | 101                 | 48.9     | 36.6  | 14.6  | 20.3  | 46.0 | 12.0 | 114    | 3.78      | .70     | 11.1     | 14.9     |
| 1944 | 26.3                | 35.1     | 28.3  | 390   | 1,050 | 400  | 209  | 79.8   | 17.8      | 35.8    | 30.9     | 42.2     |
| 1945 | 43.9                | 35.7     | 21.5  | 30.8  | 10.5  | 20.4 | 127  | 400    | 17.7      | 29.0    | 15.5     | 11.5     |
| 1946 | 25.9                | 14.3     | 44.8  | 51.3  | .19   | 11.6 | 13.9 | 58.8   | 46.6      | 9.50    | 63.5     | 26.6     |
| 1947 | 24.5                | 18.9     | 56.9  | 83.0  | 208   | 109  | 133  | 36.5   | 11.0      | .94     | 10.8     | 17.9     |
| 1948 | 28.1                | 57.3     | 72.5  | 49.7  | 205   | 691  | 75.6 | 105    | 62.9      | 5.40    | 21.1     | 18.5     |
| 1949 | 14.9                | 20.4     | 12.4  | 27.0  | 87.5  | 889  | 182  | 34.6   | 54.5      | 6.54    | 20.0     | 17.8     |
| 1950 | 19.3                | 18.6     | 7.93  | .00   | 2.48  | 37.1 | 346  | 212    | 152       | 6.27    | 5.16     | 19.3     |
| 1951 | 9.58                | 9.95     | 1.67  | 10.8  | 44.3  | 86.5 | 344  | 722    | 5.36      | .00     | 6.32     | 4.04     |
| 1952 | 4.81                | 2.59     | 2.87  | 18.9  | 17.5  | 52.5 | 48.6 | 36.3   | 88.6      | .09     | 1.96     | 10.7     |
| 1953 | 13.1                | 11.4     | 4.40  | 1.95  | 75.1  | 59.7 | 602  | 299    | 36.9      | .00     | .31      | 6.52     |
| 1954 | 9.80                | 11.7     | 5.83  | .03   | 7.18  | 1.30 | 711  | 528    | 6.05      | 14.8    | .33      | .83      |
| 1955 | 3.02                | 4.16     | 2.49  | 7.07  | 2,710 | 180  | 44.5 | 780    | 99.7      | --      | --       | --       |

Table 100.--Mean discharge, in cubic feet per second, for station 07128500, Purgatoire River near Las Animas

| Year | January | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| 1922 | 24.0    | 35.0     | 29.0  | 23.3  | 17.8  | 45.5  | 122   | 67.6   | 7.37      | 7.97    | 21.3     | 27.1     | 35.7    |
| 1923 | 32.9    | 23.9     | 16.3  | 8.47  | 51.6  | 1,060 | 827   | 2,700  | 570       | 802     | 230      | 102      | 535     |
| 1924 | 94.8    | 194      | 89.7  | 276   | 70.0  | 22.9  | 49.1  | 72.9   | 1.00      | 4.35    | 20.0     | 16.0     | 75.9    |
| 1925 | 10.8    | 36.5     | 19.5  | 4.07  | 37.4  | 64.4  | 743   | 407    | 51.7      | 27.3    | 34.3     | 29.1     | 122     |
| 1926 | 34.4    | 42.2     | 41.2  | 290   | 364   | 292   | 225   | 44.1   | 1.37      | 7.94    | 37.7     | 25.3     | 117     |
| 1927 | 17.4    | 18.9     | 13.6  | 4.50  | 1.81  | 10.7  | 1,340 | 1,550  | 265       | 90.2    | 24.5     | 14.5     | 219     |
| 1928 | 18.7    | 54.0     | 10.2  | 44.4  | 755   | 721   | 57.3  | 123    | 4.00      | 39.7    | 30.3     | 46.3     | 159     |
| 1929 | 60.0    | 45.0     | 88.9  | 35.6  | 101   | 298   | 190   | 1,230  | 60.0      | 9.61    | 13.0     | 28.0     | 180     |
| 1930 | 22.0    | 37.0     | 16.5  | 6.63  | 91.9  | 37.2  | 240   | 645    | 167       | 595     | 31.9     | 61.4     | 163     |
| 1931 | 58.0    | 128      | 180   | 196   | 206   | 115   | 9.19  | 20.7   | 18.5      | --      | --       | --       | --      |
| 1948 | --      | --       | --    | --    | --    | --    | --    | 87.3   | 66.5      | 5.83    | 29.6     | 47.3     | --      |
| 1949 | 25.0    | 31.0     | 9.93  | 4.83  | 67.8  | 1,350 | 224   | 29.6   | 46.2      | 13.5    | 34.7     | 20.1     | 155     |
| 1950 | 20.4    | 16.8     | 4.49  | 2.52  | 2.35  | 65.6  | 486   | 252    | 247       | 13.0    | 13.3     | 15.2     | 94.9    |
| 1951 | 16.2    | 18.4     | 9.72  | 6.10  | 26.3  | 196   | 317   | 502    | 4.70      | 3.57    | 34.4     | 13.6     | 95.7    |
| 1952 | 8.75    | 5.82     | 8.42  | 10.4  | 40.6  | 89.0  | 31.7  | 27.1   | 78.1      | 5.80    | 11.8     | 16.8     | 27.9    |
| 1953 | 15.3    | 18.4     | 4.95  | 4.48  | 101   | 68.0  | 704   | 377    | 17.1      | 1.75    | 1.77     | 14.8     | 111     |
| 1954 | 12.7    | 12.2     | 4.41  | 2.04  | 4.56  | .83   | 731   | 571    | 2.21      | 3.19    | 1.77     | 3.86     | 112     |
| 1955 | 13.0    | 14.6     | 3.44  | 2.63  | 2,790 | 230   | 13.5  | 651    | 61.5      | 1.98    | 6.80     | 15.8     | 317     |
| 1956 | 9.15    | 16.9     | 11.2  | 2.56  | 55.4  | 42.1  | 262   | 444    | 3.21      | 1.82    | 2.92     | 3.68     | 71.2    |
| 1957 | 5.31    | 4.39     | 2.93  | 118   | 308   | 377   | 242   | 140    | 83.4      | 71.7    | 46.9     | 32.9     | 119     |
| 1958 | 18.4    | 29.0     | 35.7  | 81.6  | 323   | 298   | 620   | 313    | 38.3      | 11.5    | 26.4     | 33.5     | 152     |
| 1959 | 26.1    | 41.9     | 34.2  | 32.6  | 32.5  | 36.2  | 60.3  | 11.6   | 1.21      | 5.60    | 15.7     | 27.5     | 27.1    |
| 1960 | 25.2    | 37.1     | 289   | 114   | 12.6  | 7.67  | 60.6  | 12.0   | 26.2      | 39.5    | 11.6     | 25.1     | 55.0    |
| 1961 | 16.8    | 43.9     | 36.6  | 75.0  | 7.27  | 29.0  | 147   | 85.3   | 9.09      | 20.2    | 44.8     | 17.8     | 44.4    |
| 1962 | 12.2    | 39.1     | 25.4  | 12.2  | 46.3  | 48.5  | 238   | 28.9   | 2.75      | 7.49    | 5.70     | 20.3     | 40.6    |
| 1963 | 8.86    | 20.2     | 5.41  | 2.26  | 2.34  | 23.9  | 58.3  | 208    | 238       | 4.08    | 5.47     | 7.05     | 48.7    |
| 1964 | 18.0    | 12.6     | 6.09  | 7.76  | 37.5  | 18.1  | 13.7  | 74.8   | 3.56      | 1.18    | 2.18     | 2.87     | 16.5    |
| 1965 | 4.79    | 5.96     | 7.88  | 5.26  | 46.4  | 2,820 | 530   | 840    | 164       | 80.5    | 34.7     | 32.5     | 381     |
| 1966 | 32.1    | 42.0     | 41.5  | 6.17  | 3.25  | 4.30  | 292   | 413    | 422       | 40.6    | 25.7     | 23.2     | 112     |
| 1967 | 32.6    | 23.2     | 5.21  | 5.39  | 108   | 544   | 317   | 265    | 57.6      | 17.7    | 41.7     | 25.7     | 120     |
| 1968 | 44.1    | 21.9     | 11.4  | 5.65  | 19.1  | 65.2  | 208   | 291    | 6.12      | 11.6    | 16.4     | 40.7     | 61.8    |
| 1969 | 53.0    | 20.6     | 31.6  | 65.3  | 164   | 468   | 111   | 139    | 146       | 46.5    | 60.6     | 54.7     | 113     |
| 1970 | 57.2    | 44.2     | 36.8  | 55.1  | 17.3  | 23.4  | 122   | 21.6   | 22.1      | 49.2    | 60.6     | 50.6     | 46.7    |
| 1971 | 56.7    | 40.2     | 24.0  | 9.27  | 10.8  | 13.7  | 42.1  | 114    | 14.5      | 34.5    | 32.0     | 29.3     | 35.1    |
| 1972 | 14.0    | 17.1     | 11.0  | 4.69  | 56.3  | 58.2  | 216   | 23.5   | 265       | 3.56    | 17.3     | 18.0     | 58.7    |
| 1973 | 20.2    | 18.7     | 34.1  | 323   | 208   | 28.4  | 180   | 51.9   | 28.4      | 32.1    | 22.8     | 20.4     | 80.7    |
| 1974 | 58.5    | 54.5     | 49.5  | 12.5  | 4.74  | 15.0  | 1.03  | 21.4   | .22       | .73     | 2.53     | 12.1     | 19.4    |
| 1975 | 11.8    | 10.2     | 3.95  | 2.12  | 1.98  | 4.79  | 4.69  | 19.2   | 1.00      | 1.24    | 4.32     | 2.48     | 5.65    |
| 1976 | 3.42    | 1.62     | 2.79  | 2.10  | 5.90  | 23.2  | 25.4  | 124    | 1.02      | 5.98    | 7.71     | 2.89     | 17.2    |
| 1977 | 3.05    | 3.71     | 5.01  | 4.86  | 49.2  | 3.52  | 140   | 350    | 4.70      | 1.58    | 3.92     | 15.3     | 48.7    |
| 1978 | 13.5    | 12.3     | 5.26  | 3.53  | 20.7  | 285   | 60.8  | 83.9   | 3.14      | 1.74    | 1.90     | 2.38     | 41.2    |
| 1979 | 4.72    | 5.65     | 6.09  | 4.67  | 30.3  | 182   | 122   | 239    | 16.3      | 14.4    | 48.8     | 15.5     | 57.5    |
| 1980 | 26.8    | 25.3     | 15.2  | 103   | 383   | 51.0  | 10.7  | 3.76   | 47.3      | 9.34    | 12.1     | 14.5     | 58.5    |

[--, missing data]

Table 101.--Mean discharge, in cubic feet per second, for station 07130500, Arkansas River below John Martin Reservoir

| Year | [--, missing data] |          |       |       |       |       |       |        |           |         |          |          |         |
|------|--------------------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
|      | January            | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
| 1938 | --                 | --       | --    | 85.5  | 401   | 643   | 795   | 209    | 840       | 248     | 230      | 239      | --      |
| 1939 | 176                | 149      | 237   | 131   | 530   | 438   | 143   | 221    | 34.5      | 46.1    | 37.8     | 106      | 187     |
| 1940 | 91.9               | 142      | 90.8  | 74.5  | 200   | 343   | 64.2  | 111    | 277       | 66.6    | 99.3     | 155      | 143     |
| 1941 | 183                | 121      | 140   | 213   | 1,180 | 961   | 667   | 795    | 529       | 856     | 1,010    | 429      | 590     |
| 1942 | 542                | 457      | 266   | 7,290 | 6,080 | 4,090 | 1,030 | 1,040  | 814       | --      | --       | --       | --      |
| 1943 | --                 | --       | --    | 435   | 381   | 704   | 310   | 282    | 122       | 112     | 149      | 82.7     | --      |
| 1944 | --                 | 3.11     | 3.24  | 3.79  | 535   | 1,520 | 813   | 1,110  | 757       | 94.5    | 87.7     | 3.34     | 411     |
| 1945 | 3.72               | 2.77     | 1.69  | 167   | 718   | 411   | 418   | 471    | 751       | 141     | 108      | 48.0     | 270     |
| 1946 | 1.06               | .28      | 2.45  | 171   | 824   | 279   | 308   | 375    | 188       | 111     | 50.0     | 2.30     | 193     |
| 1947 | 1.80               | 1.41     | 1.97  | 52.1  | 838   | 2,070 | 2,120 | 1,050  | 732       | 281     | 40.4     | 2.54     | 599     |
| 1948 | 3.25               | 3.26     | 3.53  | 419   | 821   | 426   | 723   | 650    | 756       | 565     | 6.25     | 4.52     | 365     |
| 1949 | 3.40               | 4.20     | 32.3  | 354   | 365   | 242   | 724   | 830    | 350       | 406     | 7.82     | 8.12     | 277     |
| 1950 | 4.22               | 3.83     | 36.8  | 930   | 665   | 567   | 363   | 279    | 273       | 314     | 26.3     | 8.24     | 289     |
| 1951 | 4.50               | 4.34     | 20.8  | 450   | 361   | 75.0  | 484   | 829    | 422       | 411     | 6.90     | 3.94     | 256     |
| 1952 | 4.35               | 3.97     | 4.94  | 389   | 587   | 640   | 364   | 322    | 179       | 58.5    | 68.4     | 2.76     | 219     |
| 1953 | 3.03               | 2.59     | 8.79  | 413   | 175   | 516   | 803   | 493    | 70.4      | 28.3    | 41.3     | 2.05     | 213     |
| 1954 | 2.04               | 1.63     | 1.78  | 280   | 198   | 52.0  | 254   | 842    | 209       | 23.5    | 20.3     | 21.5     | 159     |
| 1955 | 2.32               | 1.69     | 8.70  | 116   | 110   | 464   | 1,220 | 1,140  | 967       | 351     | 6.39     | 2.51     | 365     |
| 1956 | 3.06               | 3.02     | 2.43  | 843   | 160   | 487   | 330   | 405    | 68.5      | 18.7    | 26.1     | 5.88     | 196     |
| 1957 | 1.67               | 1.87     | 1.53  | 339   | 265   | 193   | 937   | 1,120  | 430       | 340     | 6.36     | 5.43     | 303     |
| 1958 | 7.65               | 5.85     | 5.80  | 39.5  | 115   | 401   | 529   | 896    | 805       | 520     | 9.62     | 6.75     | 278     |
| 1959 | 8.61               | 7.45     | 6.57  | 545   | 708   | 712   | 978   | 924    | 471       | 96.8    | 3.54     | 2.93     | 372     |
| 1960 | 2.82               | 3.36     | 3.46  | 136   | 844   | 358   | 422   | 22.6   | 33.8      | 98.1    | 56.8     | 2.79     | 165     |
| 1961 | 2.99               | 3.62     | 3.16  | 455   | 111   | 223   | 359   | 442    | 401       | 379     | 9.91     | 4.11     | 199     |
| 1962 | 3.37               | 3.81     | 4.09  | 627   | 438   | 426   | 572   | 267    | 41.7      | 69.8    | 47.8     | 3.30     | 209     |
| 1963 | 3.60               | 3.36     | 10.5  | 407   | 126   | 137   | 86.1  | 277    | 316       | 37.5    | 39.4     | 9.88     | 121     |
| 1964 | 2.85               | 2.46     | 2.86  | 185   | 128   | 235   | 133   | 167    | 47.9      | 31.8    | 27.0     | 14.1     | 81.4    |
| 1965 | 1.66               | 14.2     | 15.6  | 127   | 254   | 272   | 858   | 2,130  | 857       | 144     | 217      | 281      | 431     |
| 1966 | 173                | 477      | 121   | 587   | 943   | 885   | 1,050 | 397    | 508       | 256     | 30.0     | 9.85     | 453     |
| 1967 | 3.77               | 9.53     | 20.6  | 1,150 | 819   | 136   | 483   | 945    | 553       | 491     | 19.6     | 5.98     | 386     |
| 1968 | 2.25               | 3.10     | 6.50  | 731   | 85.1  | 413   | 385   | 539    | 173       | 78.9    | 33.1     | 6.75     | 205     |
| 1969 | 1.77               | 11.2     | 3.34  | 59.5  | 465   | 389   | 734   | 406    | 111       | 29.9    | 3.44     | 2.95     | 185     |
| 1970 | 2.81               | 3.02     | 11.0  | 220   | 944   | 504   | 597   | 382    | 392       | 171     | 44.6     | 78.1     | 279     |
| 1971 | 3.46               | 6.11     | 29.2  | 681   | 169   | 399   | 453   | 218    | 126       | 152     | 31.6     | 2.46     | 189     |
| 1972 | 2.84               | 3.16     | 19.3  | 466   | 137   | 489   | 317   | 171    | 211       | 31.4    | 2.48     | 2.00     | 154     |
| 1973 | 2.17               | 2.19     | 2.30  | 2.43  | 606   | 758   | 594   | 320    | 95.6      | 210     | 26.4     | 3.48     | 219     |
| 1974 | 2.99               | 3.11     | 6.61  | 567   | 252   | 430   | 99.5  | 27.6   | 6.69      | 11.4    | 12.7     | 10.5     | 119     |
| 1975 | 2.19               | 3.92     | 12.8  | 170   | 34.2  | 438   | 555   | 235    | 29.2      | 23.8    | 16.5     | 1.62     | 127     |
| 1976 | 1.46               | 6.32     | 13.0  | 202   | 119   | 389   | 149   | 215    | 73.2      | 256     | .85      | .64      | 119     |
| 1977 | .62                | .75      | 24.1  | 443   | 149   | 81.6  | 180   | 479    | 27.1      | 13.2    | 20.0     | 8.81     | 119     |
| 1978 | 3.13               | 3.96     | 7.38  | 132   | 76.8  | 570   | 563   | 209    | 48.2      | 17.5    | 10.3     | 7.95     | 137     |
| 1979 | 3.41               | 1.11     | 1.60  | 207   | 186   | 586   | 659   | 436    | 108       | 33.1    | 12.2     | 2.16     | 186     |
| 1980 | 1.07               | .95      | 1.06  | 151   | 229   | 1,180 | 1,470 | 708    | 292       | 239     | 9.92     | 1.55     | 357     |

Table 102.--Mean discharge, in cubic feet per second, for station 07133000, Arkansas River at Lamar

| [--, missing data] |         |          |       |       |       |        |       |        |           |         |          |          |         |
|--------------------|---------|----------|-------|-------|-------|--------|-------|--------|-----------|---------|----------|----------|---------|
| Year               | January | February | March | April | May   | June   | July  | August | September | October | November | December | Average |
| 1913               | --      | --       | --    | --    | --    | 121    | 16.3  | 2.13   | 1.90      | 1.97    | 2.07     | 88.3     | --      |
| 1914               | 132     | 68.1     | .97   | 1.00  | 2,870 | 2,780  | 1,900 | 959    | 9.60      | 17.9    | 43.6     | 75.0     | 738     |
| 1915               | 141     | 78.2     | 76.1  | 1,070 | 1,160 | 1,940  | 248   | 1,360  | 124       | 9.35    | 20.7     | 99.7     | 528     |
| 1916               | 180     | 307      | 12.5  | 15.5  | 9.90  | 204    | 16.9  | 960    | 23.7      | 5.00    | 109      | 99.7     | 162     |
| 1917               | 150     | 98.0     | 9.10  | 3.47  | 33.7  | 38.0   | 34.5  | 3.06   | 17.6      | 18.9    | 4.33     | 70.5     | 40.1    |
| 1918               | 95.8    | 144      | 37.4  | 26.2  | 19.9  | 76.6   | 71.0  | 30.3   | 58.2      | 4.77    | 11.5     | 76.6     | 54.4    |
| 1919               | 75.0    | 90.0     | 150   | 564   | 322   | 43.5   | 161   | 166    | 11.1      | 13.1    | 180      | 165      | 162     |
| 1920               | 175     | 47.9     | 16.2  | 19.7  | 24.2  | 13.8   | 301   | 185    | 136       | 167     | 149      | 128      | 114     |
| 1921               | 128     | 114      | 79.8  | 11.7  | 24.5  | 11,500 | 3,090 | 2,250  | 48.1      | 14.6    | 7.57     | 83.6     | 1,450   |
| 1922               | 132     | 189      | 67.8  | 28.3  | 9.19  | 10.7   | 39.5  | 96.0   | 1.70      | 2.03    | 6.00     | 17.8     | 50.0    |
| 1923               | 5.68    | 6.07     | 5.90  | 2.53  | 353   | 1,200  | 1,240 | 4,350  | 1,420     | 1,970   | 593      | 464      | 968     |
| 1924               | 959     | 897      | 699   | 654   | 73.5  | 444    | 7.61  | 3.52   | 2.30      | 3.45    | 3.53     | 110      | 321     |
| 1925               | 132     | 79.6     | 4.94  | 2.37  | 75.0  | 135    | 1,540 | 565    | 22.3      | 6.61    | 136      | 81.5     | 232     |
| 1926               | 153     | 78.9     | 5.87  | 44.7  | 49.1  | 194    | 103   | 17.2   | 1.20      | 1.42    | 13.0     | 38.3     | 58.3    |
| 1927               | 91.1    | 21.8     | 21.2  | 4.40  | 3.35  | 14.1   | 1,900 | 2,670  | 55.9      | 3.58    | 4.80     | 103      | 408     |
| 1928               | 125     | 12.4     | 4.71  | 4.30  | 1,010 | 2,260  | 107   | 9.42   | 21.5      | 6.10    | 43.1     | 263      | 322     |
| 1929               | 195     | 165      | 33.5  | 5.40  | 9.42  | 45.2   | 44.7  | 2,060  | 18.1      | 8.74    | 199      | 216      | 250     |
| 1930               | 216     | 189      | 57.7  | 5.17  | 27.6  | 63.2   | 13.6  | 285    | 198       | 526     | 112      | 275      | 164     |
| 1931               | 80.6    | 108      | 39.0  | 75.6  | 41.7  | 49.9   | 3.29  | 3.13   | 2.30      | 2.06    | 9.17     | 20.1     | 36.2    |
| 1932               | 28.7    | 18.2     | 10.9  | 2.80  | 6.06  | 42.0   | 51.4  | 40.9   | 2.17      | 1.94    | 3.00     | 3.23     | 17.6    |
| 1933               | 4.55    | 20.8     | 2.84  | 2.10  | 838   | 303    | 81.9  | 599    | 348       | 3.45    | 3.43     | 3.61     | 184     |
| 1934               | 15.5    | 16.1     | 3.16  | 3.00  | 18.3  | 5.20   | 40.5  | 11.7   | 427       | 2.00    | 2.00     | 2.10     | 45.5    |
| 1935               | 4.42    | 2.89     | 1.10  | 1.00  | 431   | 533    | 283   | 93.1   | 125       | 3.00    | 2.76     | 12.4     | 124     |
| 1936               | 41.5    | 44.2     | 6.54  | 6.51  | 1,250 | 122    | 884   | 1,500  | 10.4      | 6.97    | 4.72     | 11.6     | 324     |
| 1937               | 19.0    | 39.1     | 5.49  | 5.45  | 7.82  | 513    | 20.4  | 17.1   | 464       | 2.48    | 2.23     | 11.4     | 92.3    |
| 1938               | 7.09    | 7.76     | 3.08  | 3.19  | 58.1  | 297    | 370   | 40.9   | 324       | 4.45    | 14.1     | 43.5     | 97.8    |
| 1939               | 12.2    | 27.0     | 30.2  | 7.14  | 12.7  | 10.3   | 5.02  | 18.8   | 2.57      | 2.68    | 2.33     | 3.04     | 11.2    |
| 1940               | 3.89    | 4.78     | 5.17  | 2.56  | 16.5  | 78.9   | 8.98  | 32.5   | 40.6      | 2.58    | 1.92     | 5.47     | 17.0    |
| 1941               | 15.9    | 8.51     | 5.37  | 31.4  | 739   | 467    | 221   | 264    | 172       | 470     | 678      | 182      | 271     |
| 1942               | 419     | 246      | 132   | 6,720 | 5,200 | 3,310  | 498   | 709    | 399       | 480     | 316      | 269      | 1,560   |
| 1943               | 432     | 37.3     | 179   | 105   | 60.6  | 303    | 29.0  | 28.7   | 25.0      | 7.99    | 5.19     | 19.9     | 103     |
| 1944               | 15.5    | 20.7     | 12.6  | 10.8  | 394   | 1,160  | 452   | 471    | 291       | 12.4    | 12.7     | 15.7     | 239     |
| 1945               | 16.0    | 28.6     | 16.4  | 76.4  | 287   | 78.3   | 155   | 253    | 350       | 41.2    | 16.5     | 40.0     | 114     |
| 1946               | 18.9    | 36.4     | 21.4  | 34.0  | 403   | 35.8   | 25.0  | 163    | 55.3      | 18.0    | 83.4     | 46.3     | 78.4    |
| 1947               | 27.9    | 30.2     | 26.5  | 13.7  | 503   | 1,560  | 1,900 | 504    | 282       | 58.8    | 7.86     | 15.2     | 411     |
| 1948               | 15.5    | 6.67     | 23.3  | 132   | 357   | 206    | 174   | 84.9   | 229       | 233     | 25.6     | 32.7     | 127     |
| 1949               | 25.1    | 32.1     | 20.1  | 55.3  | 68.3  | 428    | 86.8  | 361    | 87.0      | 84.5    | 11.8     | 15.4     | 106     |
| 1950               | 27.5    | 33.3     | 10.1  | 370   | 232   | 190    | 28.4  | 54.8   | 76.9      | 15.9    | 17.1     | 26.8     | 90.2    |
| 1951               | 32.5    | 31.7     | 19.5  | 35.4  | 192   | 74.7   | 79.5  | 312    | 77.9      | 56.0    | 11.7     | 16.7     | 78.3    |
| 1952               | 31.5    | 13.5     | 7.19  | 88.0  | 123   | 52.4   | 16.0  | 27.6   | 20.9      | 6.32    | 8.29     | 25.5     | 35.0    |
| 1953               | 20.8    | 9.75     | 9.49  | 154   | 19.1  | 38.2   | 304   | 152    | 4.80      | 4.20    | 4.96     | 5.56     | 60.6    |
| 1954               | 5.95    | 12.9     | 9.83  | 110   | 10.1  | 3.80   | 186   | 321    | 79.5      | 2.57    | 2.89     | 4.05     | 62.4    |
| 1955               | 4.98    | 2.03     | 3.16  | 25.8  | 50.4  | 80.8   | 564   | 559    | 452       | --      | --       | --       | --      |
| 1959               | --      | --       | --    | 147   | 261   | 199    | 381   | 379    | 237       | 27.6    | 26.6     | 16.2     | --      |
| 1960               | 12.5    | 20.4     | 69.2  | 93.1  | 342   | 16.4   | 65.9  | 11.4   | 4.38      | 10.9    | 3.77     | 4.30     | 54.5    |
| 1961               | 3.82    | 4.17     | 20.8  | 188   | 8.05  | 107    | 72.7  | 63.7   | 7.42      | 21.2    | 45.4     | 52.1     | 49.5    |
| 1962               | 36.8    | 47.8     | 28.4  | 274   | 58.6  | 76.6   | 172   | 72.4   | 4.63      | 4.82    | 8.65     | 8.95     | 66.1    |
| 1963               | 21.4    | 45.1     | 25.9  | 175   | 6.41  | 20.8   | 47.7  | 30.7   | 61.8      | 4.79    | 2.16     | 2.32     | 37.0    |
| 1964               | 2.26    | 5.72     | 2.60  | 78.5  | 171   | 99.2   | 10.2  | 18.1   | 6.99      | 6.90    | 2.30     | 2.27     | 33.8    |
| 1965               | .51     | .72      | 1.11  | 43.1  | 88.0  | 1,360  | 480   | 1,550  | 689       | 26.4    | 8.71     | 71.5     | 360     |
| 1966               | 158     | 507      | 152   | 319   | 416   | 417    | 409   | 195    | 270       | 54.4    | 6.24     | 18.5     | 244     |
| 1967               | 26.1    | 21.0     | 4.58  | 524   | 474   | 63.3   | 221   | 420    | 261       | 226     | 20.6     | 35.8     | 191     |
| 1968               | 41.7    | 12.0     | 5.45  | 321   | 12.2  | 31.2   | 31.7  | 227    | 6.31      | 11.1    | 5.10     | 4.87     | 59.1    |
| 1969               | 7.79    | 7.45     | 20.5  | 11.4  | 248   | 193    | 242   | 57.6   | 48.4      | 14.6    | 13.4     | 25.3     | 74.1    |
| 1970               | 23.4    | 18.4     | 13.9  | 122   | 408   | 64.4   | 161   | 21.0   | 20.4      | 11.7    | 4.22     | 6.13     | 72.9    |
| 1971               | 23.1    | 27.1     | 14.7  | 303   | 39.1  | 30.2   | 88.1  | 21.4   | 6.05      | 6.71    | 6.95     | 28.5     | 49.6    |
| 1972               | 29.0    | 14.9     | 3.73  | 284   | 36.9  | 80.9   | 86.5  | 63.2   | 63.8      | 5.65    | 17.6     | 18.9     | 58.8    |
| 1973               | 30.5    | 24.6     | 26.4  | 45.5  | 259   | 308    | 154   | 64.2   | 41.2      | 12.7    | 30.2     | 30.5     | 85.6    |
| 1974               | 30.8    | 25.5     | 23.8  | 259   | 29.1  | 50.9   | 28.7  | 10.9   | 1.37      | 1.58    | 3.95     | 7.14     | 39.4    |
| 1975               | 6.28    | 7.38     | 2.84  | 76.4  | 8.69  | 112    | 59.2  | 26.2   | 14.1      | 8.80    | 5.84     | 12.2     | 28.3    |
| 1976               | 7.84    | 8.47     | 6.16  | 77.3  | 48.8  | 57.5   | 52.1  | 84.6   | 3.36      | 14.6    | 7.27     | 6.45     | 31.2    |
| 1977               | 5.95    | 5.12     | 6.69  | 145   | 65.1  | 17.2   | 48.0  | 251    | 5.76      | .84     | 1.81     | .56      | 46.1    |
| 1978               | .47     | 7.79     | 3.62  | 49.8  | 23.0  | 217    | 207   | 60.6   | 8.06      | 2.58    | 3.39     | .83      | 48.7    |
| 1979               | .52     | 3.98     | 3.50  | 20.3  | 42.5  | 136    | 170   | 91.5   | 31.4      | 14.9    | 18.7     | 17.2     | 45.9    |
| 1980               | 16.4    | 15.3     | 12.4  | 134   | 55.9  | 607    | 950   | 329    | 47.8      | 39.3    | 27.9     | 23.6     | 188     |

Table 103.--Mean discharge, in cubic feet per second, for station 07134100, Big Sandy Creek near Lamar

[--, missing data]

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| 1968 | --      | 10.7     | 7.93  | 6.84  | 9.23 | 7.06 | 5.73 | 14.6   | 2.99      | 4.95    | 19.2     | 21.6     | --      |
| 1969 | 9.21    | 11.8     | 17.0  | 25.9  | 17.4 | 6.60 | 6.29 | 4.88   | 24.2      | 8.16    | 26.1     | 45.1     | 16.9    |
| 1970 | 39.5    | 44.0     | 45.5  | 65.3  | 12.7 | 12.2 | 16.7 | 5.36   | 7.88      | 10.7    | 43.8     | 14.1     | 26.5    |
| 1971 | 33.5    | 48.0     | 31.1  | 14.2  | 21.6 | 8.02 | 15.4 | 7.14   | 5.55      | 7.52    | 40.4     | 44.1     | 23.0    |
| 1972 | 20.0    | 35.3     | 21.6  | 11.6  | 9.20 | 7.60 | 3.63 | 9.71   | 13.1      | 9.47    | 13.2     | 6.81     | 13.4    |
| 1973 | 10.8    | 7.50     | 21.7  | 49.9  | 41.1 | 5.89 | 6.25 | 4.23   | 4.50      | 8.61    | 14.1     | 29.5     | 17.0    |
| 1974 | 28.8    | 29.5     | 48.8  | 12.7  | 7.52 | 5.34 | 1.25 | 1.44   | .92       | .58     | 2.27     | 5.05     | 12.0    |
| 1975 | 6.64    | 8.49     | 7.69  | 3.37  | 2.14 | 10.6 | 2.93 | 2.18   | 1.25      | 1.45    | .75      | 1.10     | 4.05    |
| 1976 | 1.58    | 3.51     | 4.31  | 2.18  | 3.67 | 1.77 | .47  | .03    | 41.8      | 2.57    | 2.67     | 2.62     | 5.60    |
| 1977 | 2.52    | 2.64     | 2.10  | 2.28  | 29.4 | 7.27 | 1.24 | 2.28   | .15       | .35     | .41      | .34      | 4.25    |
| 1978 | .50     | 2.23     | 2.98  | .81   | 9.39 | 17.3 | .21  | .46    | .08       | .09     | .45      | .78      | 2.94    |
| 1979 | .99     | 3.53     | 2.70  | 2.82  | 6.68 | 3.27 | 2.33 | 2.41   | .72       | 1.01    | 3.30     | 4.55     | 2.86    |
| 1980 | 8.67    | 15.2     | 11.6  | 37.0  | 25.1 | 5.54 | 11.4 | 6.61   | 3.99      | 5.94    | 12.8     | 22.1     | 13.8    |

Table 104.--Mean discharge, in cubic feet per second, for station 07135500, Arkansas River at Holly

[--, missing data]

| Year | January | February | March | April | May   | June  | July  | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| 1910 | --      | --       | --    | 147   | 84.4  | 46.9  | 36.5  | 1,310  | 10.3      | 8.00    | 8.00     | 22.5     | --      |
| 1911 | 53.5    | 58.9     | 64.0  | 16.9  | 135   | 33.8  | 545   | 44.3   | 4.90      | 55.1    | 346      | 405      | 147     |
| 1912 | 300     | 362      | 411   | 138   | 17.0  | 616   | 103   | 1,090  | 242       | 99.9    | 194      | 208      | 315     |
| 1913 | 200     | 200      | 228   | 32.2  | 5.77  | 158   | 318   | 17.5   | 14.3      | 14.4    | 21.6     | 172      | 115     |
| 1914 | 228     | 158      | 64.8  | 40.9  | 3,100 | 3,180 | 1,750 | 899    | 25.7      | 70.5    | 84.6     | 120      | 810     |
| 1915 | 220     | 201      | 262   | 1,180 | 1,290 | 2,450 | 382   | 1,600  | 217       | 99.0    | 120      | 195      | 684     |
| 1916 | 294     | 489      | 91.1  | 69.9  | 9.32  | 120   | 12.7  | 784    | 153       | 62.6    | 146      | 200      | 203     |
| 1917 | 269     | 172      | 96.2  | --    | --    | --    | --    | --     | --        | 48.0    | 23.3     | 67.4     | --      |
| 1918 | 103     | 81.9     | 79.2  | 33.8  | 27.4  | 96.5  | 130   | 41.6   | 106       | 47.1    | 87.1     | 142      | 81.3    |
| 1919 | 80.0    | 150      | 345   | 1,360 | 474   | 51.4  | 150   | 373    | 72.0      | 90.6    | 272      | 328      | 312     |
| 1920 | 300     | 172      | 72.3  | 87.5  | 91.2  | 49.7  | 474   | 807    | 431       | 310     | 231      | 254      | 273     |
| 1921 | 229     | 201      | 210   | 51.1  | 32.1  | 9,630 | 2,630 | 2,340  | 100       | 87.5    | 83.3     | 193      | 1,320   |
| 1922 | 232     | 335      | 219   | 213   | 128   | 21.7  | 11.1  | 214    | 5.70      | 5.13    | 46.6     | 132      | 130     |
| 1923 | 72.2    | 124      | 72.7  | 35.0  | 679   | 1,700 | 1,340 | 4,430  | 1,510     | 1,970   | 681      | 560      | 1,100   |
| 1924 | 1,140   | 1,000    | 635   | 801   | 172   | 474   | 25.3  | 5.10   | 8.30      | 21.4    | 46.5     | 149      | 373     |
| 1925 | 215     | 173      | 48.8  | 16.1  | 133   | 252   | 1,820 | 620    | 81.3      | 78.8    | 231      | 129      | 316     |
| 1926 | 237     | 220      | 36.0  | 80.1  | 101   | 341   | 135   | 3.71   | 1.27      | 1.10    | 46.7     | 85.0     | 107     |
| 1927 | 156     | 97.3     | 84.3  | 20.1  | 6.13  | 3.90  | 1,890 | 2,930  | 168       | 55.2    | 72.0     | 178      | 472     |
| 1928 | 200     | 128      | 84.6  | 36.7  | 652   | 2,210 | 165   | 23.7   | 30.5      | 29.5    | 103      | 302      | 330     |
| 1929 | 249     | 195      | 137   | 26.9  | 31.9  | 79.4  | 28.4  | 2,060  | 141       | 67.3    | 310      | 311      | 303     |
| 1930 | 220     | 300      | 118   | 28.7  | 162   | 69.9  | 25.9  | 376    | 195       | 866     | 229      | 329      | 243     |
| 1931 | 276     | 335      | 288   | 220   | 94.9  | 104   | 2.65  | 8.81   | 1.93      | 3.77    | 10.4     | 81.0     | 119     |
| 1932 | 143     | 121      | 42.4  | 15.3  | 14.2  | 201   | 23.3  | 66.5   | 2.90      | 3.84    | 4.00     | 8.39     | 53.8    |
| 1933 | 64.0    | 73.4     | 14.2  | 8.27  | 423   | 174   | 139   | 879    | 499       | 19.1    | 38.4     | 60.4     | 199     |
| 1934 | 63.7    | 70.9     | 47.1  | 11.4  | 51.3  | 51.2  | 128   | 1.55   | 173       | 4.84    | 3.63     | 7.58     | 51.2    |
| 1935 | 27.3    | 10.9     | 8.23  | 4.17  | 592   | 774   | 743   | 355    | 249       | 31.3    | 33.9     | 68.2     | 241     |
| 1936 | 77.3    | 120      | 42.0  | 18.2  | 1,790 | 482   | 893   | 1,810  | 20.3      | 42.9    | 54.0     | 102      | 454     |
| 1937 | 61.4    | 128      | 71.3  | 30.3  | 18.6  | 665   | 45.2  | 17.3   | 997       | 14.3    | 15.9     | 52.2     | 176     |
| 1938 | 66.4    | 41.4     | 23.5  | 63.6  | 225   | 660   | 577   | 93.9   | 1,050     | 38.5    | 83.1     | 114      | 253     |
| 1939 | 176     | 124      | 237   | 60.2  | 52.0  | 19.1  | 10.9  | 3.27   | 5.13      | 4.42    | 3.79     | 3.36     | 58.3    |
| 1940 | 6.42    | 43.7     | 37.8  | 12.2  | 54.1  | 90.6  | 1.43  | 23.3   | 48.3      | 2.54    | 7.05     | 16.7     | 28.7    |
| 1941 | 30.5    | 23.7     | 14.5  | 89.7  | 767   | 629   | 465   | 387    | 353       | 712     | 906      | 379      | 396     |
| 1942 | 509     | 482      | 401   | 6,580 | 5,210 | 3,780 | 639   | 1,040  | 707       | 834     | 481      | 315      | 1,750   |
| 1943 | 549     | 102      | 257   | 160   | 137   | 330   | 59.5  | 8.35   | 16.2      | 21.6    | 38.7     | 115      | 150     |
| 1944 | 83.6    | 84.0     | 99.8  | 227   | 635   | 1,550 | 689   | 476    | 399       | 115     | 101      | 101      | 380     |
| 1945 | 110     | 162      | 111   | 130   | 289   | 193   | 149   | 307    | 327       | 122     | 86.3     | 76.3     | 172     |
| 1946 | 108     | 90.9     | 113   | 63.0  | 428   | 107   | 68.6  | 187    | 178       | 56.5    | 161      | 169      | 144     |
| 1947 | 150     | 175      | 226   | 137   | 728   | 1,640 | 1,820 | 500    | 314       | 169     | 127      | 131      | 510     |
| 1948 | 142     | 129      | 163   | 176   | 486   | 353   | 257   | 194    | 339       | 340     | 152      | 151      | 240     |
| 1949 | 161     | 104      | 110   | 159   | 223   | 1,340 | 224   | 542    | 237       | 228     | 134      | 140      | 307     |
| 1950 | 157     | 160      | 94.1  | 375   | 274   | 339   | 261   | 314    | 237       | 134     | 118      | 144      | 217     |
| 1951 | 144     | 147      | 103   | 63.1  | 1,540 | 504   | 175   | 422    | 232       | 174     | 135      | 139      | 314     |
| 1952 | 166     | 149      | 141   | 142   | 180   | 69.9  | 48.9  | 107    | 61.9      | 41.0    | 58.6     | 127      | 108     |
| 1953 | 118     | 99.1     | 64.8  | 154   | 70.8  | 45.4  | 287   | 363    | 47.7      | --      | --       | --       | --      |



Table 105.--Mean discharge, in cubic feet per second, for station 07137500, Arkansas River near Coolidge, Kans.

| Year | [--, missing data] |          |       |       |       |       |      |        |           |         |          |          | Average |
|------|--------------------|----------|-------|-------|-------|-------|------|--------|-----------|---------|----------|----------|---------|
|      | January            | February | March | April | May   | June  | July | August | September | October | November | December |         |
| 1950 | --                 | --       | --    | --    | --    | --    | --   | --     | --        | 181     | 185      | 182      | --      |
| 1951 | 185                | 183      | 134   | 102   | 1,660 | 686   | 230  | 424    | 285       | 240     | 198      | 179      | 375     |
| 1952 | 188                | 174      | 182   | 165   | 194   | 78.3  | 41.3 | 120    | 63.2      | 52.6    | 77.0     | 138      | 123     |
| 1953 | 126                | 115      | 77.6  | 155   | 66.6  | 34.7  | 234  | 358    | 28.8      | 11.3    | 68.1     | 100      | 115     |
| 1954 | 103                | 107      | 79.9  | 122   | 45.6  | 4.20  | 205  | 579    | 90.5      | 23.7    | 37.7     | 43.7     | 120     |
| 1955 | 59.8               | 51.0     | 33.8  | 37.1  | 461   | 112   | 429  | 496    | 450       | 138     | 91.4     | 78.5     | 203     |
| 1956 | 68.5               | 77.6     | 66.9  | 298   | 64.9  | 46.1  | 258  | 310    | 57.9      | 3.67    | 23.4     | 37.7     | 109     |
| 1957 | 43.7               | 53.6     | 52.5  | 158   | 562   | 279   | 386  | 569    | 364       | 246     | 111      | 112      | 245     |
| 1958 | 123                | 138      | 129   | 114   | 378   | 219   | 340  | 310    | 327       | 276     | 163      | 157      | 223     |
| 1959 | 142                | 144      | 140   | 198   | 367   | 266   | 374  | 470    | 423       | 246     | 177      | 159      | 259     |
| 1960 | 135                | 178      | 331   | 206   | 406   | 209   | 107  | 3.31   | .90       | 30.4    | 60.6     | 76.3     | 145     |
| 1961 | 103                | 114      | 106   | 198   | 35.1  | 346   | 138  | 142    | 70.4      | 199     | 149      | 137      | 145     |
| 1962 | 116                | 146      | 127   | 261   | 302   | 305   | 188  | 111    | 18.8      | 18.1    | 55.2     | 111      | 147     |
| 1963 | 92.1               | 160      | 119   | 175   | 6.61  | 98.9  | 59.5 | 14.4   | 63.2      | 19.0    | 29.2     | 34.7     | 72.6    |
| 1964 | 51.9               | 61.2     | 47.1  | 64.2  | 643   | 242   | 26.9 | 1.94   | 1.11      | 3.25    | 17.5     | 20.3     | 98.4    |
| 1965 | 20.2               | 27.3     | 29.0  | 18.9  | 59.7  | 8,220 | 741  | 1,980  | 1,080     | 200     | 229      | 270      | 1,070   |
| 1966 | 274                | 602      | 313   | 431   | 448   | 507   | 450  | 388    | 343       | 215     | 111      | 109      | 349     |
| 1967 | 126                | 130      | 90.8  | 460   | 470   | 360   | 349  | 472    | 367       | 322     | 142      | 128      | 285     |
| 1968 | 137                | 121      | 58.1  | 347   | 83.3  | 187   | 93.8 | 296    | 41.6      | 30.5    | 92.3     | 96.2     | 132     |
| 1969 | 115                | 99.8     | 107   | 124   | 369   | 322   | 276  | 126    | 366       | 168     | 148      | 159      | 198     |
| 1970 | 109                | 130      | 131   | 199   | 418   | 195   | 231  | 89.1   | 131       | 173     | 144      | 146      | 175     |
| 1971 | 141                | 188      | 115   | 327   | 83.0  | 110   | 217  | 89.8   | 26.0      | 46.7    | 94.4     | 145      | 132     |
| 1972 | 109                | 147      | 93.2  | 238   | 76.7  | 172   | 176  | 284    | 168       | 46.3    | 83.2     | 67.5     | 138     |
| 1973 | 91.9               | 101      | 107   | 194   | 273   | 340   | 224  | 129    | 53.5      | 120     | 73.8     | 99.6     | 151     |
| 1974 | 107                | 113      | 117   | 279   | 50.1  | 33.0  | 3.59 | 3.48   | 2.41      | 5.88    | 6.01     | 7.54     | 60.7    |
| 1975 | 13.0               | 19.0     | 34.1  | 40.5  | 51.2  | 192   | 97.8 | 104    | 12.6      | 8.11    | 14.2     | 23.2     | 50.8    |
| 1976 | 26.0               | 26.5     | 23.6  | 35.0  | 81.1  | 36.0  | 16.8 | 111    | 15.9      | 11.2    | 9.07     | 10.7     | 33.6    |
| 1977 | 9.22               | 10.3     | 11.5  | 55.1  | 98.8  | 27.2  | 9.89 | 157    | 10.0      | 2.07    | 2.45     | 4.63     | 33.2    |
| 1978 | 5.99               | 5.52     | 5.63  | 21.6  | 46.7  | 317   | 148  | 57.2   | 5.64      | 1.97    | 1.53     | 3.94     | 51.7    |
| 1979 | 3.14               | 5.91     | 8.40  | 9.43  | 23.1  | 76.3  | 86.2 | 13.4   | 3.84      | 2.60    | 5.44     | 5.67     | 20.3    |
| 1980 | 15.6               | 35.6     | 34.0  | 157   | 165   | 401   | 727  | 334    | 12.9      | 35.3    | 45.5     | 72.4     | 170     |

Table 106.--Mean discharge, in cubic feet per second, for station 07137000, Frontier Ditch near Coolidge, Kans.

| Year | January | February | March | April | May  | June | July | August | September | October | November | December | Average |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|---------|
| 1950 | --      | --       | --    | --    | --   | --   | --   | --     | --        | 20.8    | 8.90     | .00      | --      |
| 1951 | .00     | .00      | 1.84  | 22.9  | 9.45 | .02  | 8.83 | 21.3   | 18.2      | 12.1    | 8.48     | .00      | 8.59    |
| 1952 | .00     | .00      | .00   | 13.1  | 20.1 | 15.9 | 15.3 | 20.3   | 21.0      | 27.7    | 25.4     | .00      | 13.2    |
| 1953 | .00     | .00      | .93   | 30.1  | 28.3 | 27.1 | 27.8 | 20.8   | 25.0      | 32.0    | 16.7     | .08      | 17.4    |
| 1954 | .00     | .00      | .00   | 16.0  | 28.0 | 18.8 | 18.7 | 20.9   | 16.8      | 17.9    | .00      | .00      | 11.4    |
| 1955 | .00     | .00      | 3.94  | 14.4  | 24.5 | 23.3 | 38.7 | 41.7   | 34.8      | 18.3    | .00      | .00      | 16.6    |
| 1956 | .00     | .00      | .00   | 28.0  | 32.5 | 19.9 | 28.9 | 32.8   | 26.4      | 21.0    | 17.5     | .00      | 17.2    |
| 1957 | .00     | .00      | .00   | 5.79  | 27.8 | 7.63 | 27.4 | 43.2   | 17.3      | 8.32    | 12.1     | .00      | 12.5    |
| 1958 | .00     | .00      | .00   | .00   | .00  | 14.3 | 20.7 | 38.3   | 27.8      | 19.4    | .37      | .00      | 10.1    |
| 1959 | .00     | .00      | .00   | 9.63  | 46.3 | 28.4 | 40.4 | 41.2   | 31.2      | 5.77    | .00      | .00      | 16.9    |
| 1960 | .00     | .00      | .00   | .00   | 26.5 | 6.77 | 29.1 | 27.1   | 22.8      | 14.0    | .00      | .00      | 10.5    |
| 1961 | .00     | .00      | .00   | 9.67  | 30.6 | 10.5 | 26.2 | 26.3   | 38.8      | 23.6    | 11.1     | .00      | 14.7    |
| 1962 | .00     | .00      | .00   | 25.0  | 30.0 | 6.57 | 32.9 | 29.0   | 29.6      | 26.9    | 19.4     | .00      | 16.6    |
| 1963 | .00     | .00      | 1.83  | 18.4  | 27.4 | 12.1 | 15.8 | 24.1   | 25.6      | 13.5    | 8.32     | .00      | 12.3    |
| 1964 | .00     | .00      | .00   | 17.9  | 27.1 | 1.97 | 25.9 | 19.8   | 16.2      | 15.4    | 2.20     | .00      | 10.5    |
| 1965 | .00     | .00      | .00   | 18.2  | 19.5 | 5.47 | .00  | 14.4   | 9.06      | 4.69    | .00      | .00      | 5.94    |
| 1966 | .00     | .00      | .00   | 1.28  | 33.3 | 17.4 | 25.8 | 32.3   | 32.9      | 4.50    | .00      | .00      | 12.3    |
| 1967 | .00     | .00      | .00   | 34.8  | 36.1 | 16.1 | 25.7 | 38.4   | 29.6      | 27.6    | .00      | .00      | 17.4    |
| 1968 | .00     | .00      | 19.8  | 15.9  | 40.4 | 19.4 | 35.0 | 34.6   | 35.9      | 33.3    | 2.90     | .00      | 19.8    |
| 1969 | .00     | .00      | .00   | 1.65  | 23.5 | 13.7 | 27.7 | 33.9   | 9.70      | .00     | .00      | .00      | 9.18    |
| 1970 | .00     | .00      | .00   | 6.07  | 47.5 | 31.2 | 46.2 | 42.0   | 28.7      | 2.78    | 7.93     | .00      | 17.7    |
| 1971 | .00     | .00      | .00   | 24.8  | 46.6 | 28.1 | 36.6 | 32.4   | 42.4      | 35.8    | 35.5     | 1.81     | 23.7    |
| 1972 | .00     | .00      | .00   | 22.9  | 33.3 | 11.7 | 24.8 | 32.7   | 10.9      | 24.3    | 14.9     | .00      | 14.6    |
| 1973 | .00     | .00      | .00   | .00   | 16.3 | 36.7 | 36.4 | 39.2   | 26.9      | .00     | 1.53     | .00      | 13.1    |
| 1974 | .00     | .00      | 5.52  | 30.4  | 34.1 | 31.8 | 18.1 | 7.76   | 6.01      | 6.26    | 8.25     | 7.41     | 13.0    |
| 1975 | .00     | .00      | .00   | 16.6  | 15.4 | 10.1 | 32.0 | 30.6   | 16.9      | 11.2    | 9.51     | .00      | 11.9    |
| 1976 | .00     | .00      | .00   | 25.4  | 17.2 | 12.5 | 19.0 | 12.9   | 7.03      | 8.85    | 6.38     | 1.07     | 9.19    |
| 1977 | .00     | .00      | .00   | 19.4  | 13.5 | 14.8 | 10.8 | 19.9   | 7.76      | 1.33    | .95      | .27      | 7.39    |
| 1978 | .00     | .00      | .00   | 12.3  | 14.8 | 11.4 | 30.9 | 17.8   | 7.22      | 1.52    | 1.08     | .10      | 8.09    |
| 1979 | .00     | .00      | .00   | .98   | 7.35 | 13.1 | 27.0 | 23.5   | 12.1      | 3.56    | .66      | .00      | 7.35    |
| 1980 | .00     | .00      | .00   | .00   | 13.4 | 34.6 | 43.1 | 35.6   | 27.9      | 6.92    | .00      | .00      | 13.5    |

[--, missing data]

Table 107.--Ground-water levels, in feet,  
for well 391410106191000, SC09 80 27DBB

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 11-09-71 | 112.49               | 9-22-78  | 131.98               | 4-05-83  | 112.85               |
| 8-29-72  | 111.26               | 8-31-79  | 132.89               | 10-20-83 | 132.17               |
| 8-08-75  | 119.57               | 9-18-80  | 123.74               | 10-26-84 | 110.40               |
| 8-19-76  | 126.65               | 10-01-82 | 112.25               |          |                      |

Table 108.--Ground-water levels, in feet,  
for well 385154106081700, SC14 78 05BAD

| Date     | Depth<br>to<br>water | Date    | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|---------|----------------------|----------|----------------------|
| 10-23-71 | 53.00                | 9-18-80 | 49.60                | 9-29-82  | 47.00                |
| 9-22-77  | 50.62                | 4-30-81 | 50.27                | 5-04-83  | 51.04                |
| 9-22-78  | 50.65                | 9-23-81 | 49.87                | 10-20-83 | 50.20                |
| 8-30-79  | 48.03                | 4-13-82 | 51.08                | 10-25-84 | 49.72                |

Table 109.--Ground-water levels, in feet,  
for well 384408106040501, SC15 78 13CBA

| Date    | Depth<br>to<br>water | Date    | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|---------|----------------------|---------|----------------------|----------|----------------------|
| 5-24-72 | 41.09                | 4-24-80 | 46.25                | 4-13-82  | 46.46                |
| 9-22-77 | 39.75                | 9-17-80 | 43.30                | 5-05-83  | 40.45                |
| 9-21-78 | 40.95                | 4-30-81 | 45.00                | 10-20-83 | 40.59                |
| 8-30-79 | 38.65                | 9-23-81 | 44.25                | 10-25-84 | 44.26                |

Table 110.--Ground-water levels, in feet,  
for well 384247106125001, SC15 79 27CAC

| Date    | Depth<br>to<br>water | Date    | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|---------|----------------------|---------|----------------------|----------|----------------------|
| 5-25-72 | 17.25                | 4-30-81 | 15.83                | 5-05-83  | 27.02                |
| 9-22-77 | 17.05                | 9-23-81 | 13.75                | 10-20-83 | 16.13                |
| 8-30-79 | 10.85                | 4-13-82 | 35.24                | 10-25-84 | 17.91                |
| 9-18-80 | 9.64                 | 9-29-82 | 12.70                |          |                      |

Table 111.--Ground-water levels, in feet,  
for well 383300106023501, NA50 08 35AAD

| Date    | Depth<br>to<br>water | Date    | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|---------|----------------------|---------|----------------------|----------|----------------------|
| 8-08-75 | 55.42                | 9-18-80 | 56.42                | 10-20-83 | 56.15                |
| 8-19-76 | 61.76                | 9-23-81 | 65.25                | 10-25-84 | 55.10                |
| 9-21-77 | 65.39                | 4-15-82 | 68.73                |          |                      |
| 9-20-78 | 65.68                | 9-29-82 | 59.25                |          |                      |

Table 112.--Ground-water levels, in feet,  
for well 382700105523201, NA49 10 19BDD

| Date    | Depth<br>to<br>water | Date    | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|---------|----------------------|---------|----------------------|----------|----------------------|
| 9-21-77 | 28.32                | 9-22-81 | 28.03                | 10-19-83 | 26.83                |
| 8-29-79 | 27.90                | 4-16-82 | 29.00                | 10-26-84 | 28.50                |
| 9-23-80 | 27.43                | 9-28-82 | 28.91                |          |                      |
| 4-29-81 | 28.84                | 5-03-83 | 28.80                |          |                      |

Table 113.--Ground-water levels, in feet,  
for well 382435105350001, SC19 73 07CDB

| Date    | Depth<br>to<br>water | Date    | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|---------|----------------------|---------|----------------------|----------|----------------------|
| 9-21-77 | 3.34                 | 9-22-81 | 11.37                | 10-19-83 | 9.13                 |
| 9-21-78 | 11.10                | 4-12-82 | 11.77                | 10-26-84 | 8.00                 |
| 8-29-79 | 9.81                 | 9-28-82 | 10.39                |          |                      |
| 4-29-81 | 11.28                | 5-03-83 | 11.49                |          |                      |

Table 114.--Ground-water levels, in feet,  
for well 382357105070801, SC19 69 16BAD1

| Date    | Depth<br>to<br>water | Date    | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|---------|----------------------|---------|----------------------|----------|----------------------|
| 4-07-72 | 5.10                 | 8-29-79 | 2.59                 | 10-02-82 | 1.82                 |
| 8-07-75 | 2.55                 | 5-06-81 | 4.69                 | 5-03-83  | 4.57                 |
| 8-18-76 | 2.48                 | 9-28-81 | 5.20                 | 10-19-83 | 4.27                 |
| 9-20-77 | 2.00                 | 4-12-82 | 5.63                 | 10-24-84 | 3.89                 |

Table 115.--Ground-water levels, in feet,  
for well 384534104450701, SC15 66 11BDC

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 11-04-48 | 36.57                | 11-27-57 | 40.40                | 10-19-64 | 60.20                |
| 3-27-51  | 39.14                | 12-04-57 | 40.60                | 10-26-64 | 58.80                |
| 11-15-51 | 38.68                | 3-11-58  | 39.21                | 11-12-64 | 53.50                |
| 4-07-52  | 39.20                | 11-26-58 | 39.16                | 11-23-64 | 52.30                |
| 11-18-52 | 38.64                | 12-02-58 | 39.18                | 4-07-65  | 41.00                |
| 3-17-53  | 39.76                | 3-19-59  | 39.02                | 11-15-65 | 47.00                |
| 11-11-53 | 39.99                | 12-11-59 | 38.13                | 3-21-66  | 41.70                |
| 3-28-54  | 40.08                | 4-08-60  | 39.21                | 11-07-66 | 52.05                |
| 7-16-54  | 41.45                | 11-09-60 | 40.01                | 11-14-67 | 43.65                |
| 12-17-54 | 42.80                | 3-29-61  | 39.28                | 3-19-68  | 38.46                |
| 3-30-55  | 43.62                | 11-13-61 | 40.40                | 3-01-77  | 40.40                |
| 12-14-55 | 39.66                | 3-06-62  | 39.95                | 4-10-78  | 44.19                |
| 3-28-56  | 39.16                | 11-26-62 | 40.41                | 3-14-79  | 42.70                |
| 11-29-56 | 41.83                | 3-27-63  | 39.94                | 3-24-80  | 36.78                |
| 3-09-57  | 42.55                | 11-19-63 | 50.45                | 4-04-80  | 37.30                |
| 4-20-57  | 40.14                | 12-05-63 | 48.40                |          |                      |
| 5-22-57  | 39.55                | 3-23-64  | 46.25                |          |                      |

Table 116.--Ground-water levels, in feet,  
for well 384231104400600, SC15 65 28DCD

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 3-11-55  | 24.19                | 10-30-62 | 21.90                | 3-17-71  | 19.93                |
| 6-15-55  | 23.96                | 4-04-63  | 21.84                | 3-08-72  | 20.42                |
| 7-28-55  | 26.10                | 11-04-63 | 21.46                | 11-02-72 | 20.50                |
| 10-25-55 | 26.02                | 4-09-64  | 21.17                | 3-27-73  | 20.50                |
| 4-02-56  | 24.08                | 11-17-64 | 22.68                | 3-21-74  | 20.42                |
| 3-08-57  | 26.27                | 3-15-65  | 22.15                | 1-23-76  | 21.20                |
| 8-02-57  | 26.75                | 11-17-65 | 20.70                | 2-22-77  | 21.10                |
| 12-04-57 | 23.45                | 3-21-66  | 20.28                | 4-10-78  | 21.94                |
| 3-18-58  | 23.18                | 11-07-66 | 21.54                | 3-14-79  | 22.13                |
| 12-02-58 | 24.23                | 3-20-67  | 21.45                | 3-24-80  | 21.65                |
| 3-18-59  | 23.24                | 11-14-67 | 22.82                | 4-10-81  | 22.82                |
| 11-02-59 | 24.58                | 3-19-68  | 21.33                | 3-08-82  | 22.27                |
| 3-28-60  | 23.28                | 4-28-69  | 23.01                | 4-15-83  | 21.67                |
| 3-26-62  | 21.74                | 4-07-70  | 20.32                | 3-30-84  | 23.24                |

Table 117.--Ground-water levels, in feet,  
for well 383952104405601, SC16 65 17AAA1

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 3-17-53  | 36.01                | 11-26-58 | 29.09                | 11-17-65 | 33.57                |
| 11-11-53 | 37.51                | 12-02-58 | 29.04                | 3-21-66  | 32.82                |
| 3-28-54  | 37.52                | 3-18-59  | 30.67                | 11-07-66 | 29.14                |
| 9-07-54  | 38.67                | 12-11-59 | 29.53                | 3-20-67  | 31.63                |
| 10-20-54 | 38.75                | 3-28-60  | 32.18                | 11-14-67 | 27.71                |
| 11-03-54 | 38.81                | 4-08-60  | 30.01                | 3-19-68  | 30.28                |
| 12-17-54 | 38.90                | 10-24-60 | 31.02                | 4-28-69  | 30.62                |
| 12-22-54 | 38.87                | 11-09-60 | 30.48                | 4-07-70  | 31.38                |
| 2-28-55  | 39.02                | 3-29-61  | 29.76                | 3-08-72  | 31.38                |
| 3-30-55  | 39.45                | 4-10-61  | 30.96                | 11-02-72 | 31.48                |
| 6-13-55  | 38.98                | 10-10-61 | 27.80                | 3-27-73  | 31.51                |
| 8-29-55  | 39.00                | 11-13-61 | 27.76                | 3-21-74  | 30.24                |
| 10-22-55 | 37.45                | 3-26-62  | 29.95                | 1-08-75  | 29.88                |
| 12-14-55 | 37.30                | 10-30-62 | 31.00                | 1-23-76  | 31.79                |
| 1-16-56  | 37.44                | 11-26-62 | 30.79                | 2-22-77  | 31.13                |
| 3-28-56  | 36.75                | 4-04-63  | 30.60                | 4-10-78  | 30.63                |
| 4-02-56  | 36.84                | 11-04-63 | 33.53                | 3-14-79  | 31.96                |
| 8-03-56  | 38.52                | 11-19-63 | 32.64                | 3-25-80  | 31.95                |
| 11-05-56 | 38.51                | 3-05-64  | 33.69                | 4-10-81  | 28.15                |
| 3-09-57  | 38.28                | 4-09-64  | 34.61                | 3-01-82  | 30.99                |
| 8-02-57  | 38.52                | 11-12-64 | 35.70                | 4-07-83  | 33.24                |
| 11-27-57 | 28.11                | 11-17-64 | 36.85                | 3-26-84  | 30.65                |
| 12-05-57 | 28.30                | 3-15-65  | 36.85                |          |                      |
| 3-11-58  | 30.94                | 4-07-65  | 35.60                |          |                      |

Table 118.--Ground-water levels, in feet,  
for well 383048104371401, SC18 65 01BAB

| Date     | Depth<br>to<br>water | Date    | Depth<br>to<br>water | Date    | Depth<br>to<br>water |
|----------|----------------------|---------|----------------------|---------|----------------------|
| 10-27-54 | 4.58                 | 3-19-74 | 5.55                 | 3-10-80 | 4.66                 |
| 3-03-72  | 5.93                 | 1-09-75 | 4.53                 | 3-09-81 | 4.78                 |
| 11-03-72 | 5.94                 | 4-18-78 | 5.00                 | 3-15-82 | 4.55                 |
| 3-26-73  | 5.96                 | 3-09-79 | 4.74                 |         |                      |

Table 119.--Ground-water levels, in feet,  
for well 382047104362701, SC19 65 36DDD

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 7-13-62  | 26.75                | 1-07-65  | 27.11                | 8-22-67  | 26.69                |
| 8-09-62  | 26.89                | 3-16-65  | 26.67                | 9-18-67  | 26.80                |
| 8-31-62  | 27.07                | 4-13-65  | 26.59                | 10-02-67 | 26.67                |
| 10-01-62 | 27.22                | 5-11-65  | 26.82                | 11-16-67 | 26.43                |
| 10-30-62 | 27.17                | 6-18-65  | 26.25                | 12-11-67 | 26.29                |
| 12-03-62 | 26.88                | 7-10-65  | 26.52                | 1-12-68  | 26.11                |
| 1-07-63  | 26.56                | 7-30-65  | 26.70                | 2-12-68  | 26.06                |
| 2-05-63  | 26.42                | 8-31-65  | 26.19                | 3-21-68  | 25.99                |
| 3-11-63  | 26.40                | 10-04-65 | 26.20                | 4-29-68  | 26.22                |
| 4-01-63  | 26.14                | 11-17-65 | 26.29                | 6-03-68  | 26.62                |
| 5-01-63  | 26.30                | 12-09-65 | 26.27                | 7-08-68  | 27.30                |
| 6-03-63  | 26.84                | 1-06-66  | 26.21                | 7-29-68  | 27.09                |
| 7-03-63  | 27.28                | 2-10-66  | 26.08                | 9-30-68  | 26.90                |
| 8-06-63  | 27.64                | 3-10-66  | 26.07                | 3-27-69  | 25.95                |
| 9-03-63  | 26.68                | 3-25-66  | 26.24                | 11-02-69 | 25.80                |
| 9-30-63  | 26.39                | 5-12-66  | 26.71                | 3-04-70  | 25.52                |
| 11-04-63 | 26.43                | 6-10-66  | 26.90                | 3-08-71  | 25.60                |
| 12-02-63 | 26.34                | 7-15-66  | 27.31                | 2-25-72  | 25.90                |
| 1-06-64  | 26.12                | 8-12-66  | 26.89                | 2-26-73  | 25.51                |
| 2-03-64  | 26.08                | 9-15-66  | 26.94                | 3-11-74  | 25.55                |
| 3-03-64  | 26.06                | 10-03-66 | 26.89                | 1-09-75  | 25.92                |
| 4-17-64  | 26.16                | 11-07-66 | 26.66                | 4-10-78  | 25.30                |
| 5-07-64  | 26.46                | 12-05-66 | 26.48                | 3-09-79  | 25.89                |
| 6-05-64  | 27.73                | 1-09-67  | 26.17                | 3-10-80  | 25.81                |
| 7-02-64  | 27.08                | 2-06-67  | 26.07                | 3-09-81  | 26.03                |
| 9-03-64  | 27.65                | 3-06-67  | 26.05                | 3-15-82  | 25.89                |
| 10-14-64 | 27.65                | 3-20-67  | 26.16                | 3-08-83  | 23.98                |
| 11-17-64 | 27.54                | 4-24-67  | 26.35                | 3-05-84  | 25.98                |
| 12-10-64 | 27.40                | 8-15-67  | 26.61                |          |                      |

Table 120.--Ground-water levels, in feet,  
for well 381443104320701, SC21 64 03DAC

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 9-15-34  | 22.08                | 11-15-48 | 15.92                | 3-27-63  | 19.67                |
| 5-15-35  | 21.37                | 4-15-49  | 17.78                | 11-19-63 | 20.99                |
| 11-15-35 | 19.15                | 11-15-49 | 15.45                | 3-05-64  | 22.09                |
| 5-15-36  | 20.90                | 4-15-50  | 17.42                | 11-11-64 | 22.69                |
| 12-15-37 | 20.45                | 11-15-50 | 18.05                | 4-07-65  | 22.80                |
| 4-15-38  | 20.55                | 3-28-51  | 18.13                | 11-16-65 | 16.50                |
| 12-15-38 | 17.27                | 11-14-51 | 15.05                | 3-22-66  | 18.50                |
| 5-15-39  | 18.22                | 4-11-52  | 17.98                | 10-03-66 | 21.65                |
| 11-15-39 | 19.75                | 11-19-52 | 17.82                | 3-22-67  | 22.59                |
| 4-15-40  | 20.09                | 3-17-53  | 18.05                | 10-02-67 | 20.15                |
| 6-15-40  | 20.40                | 11-11-53 | 19.13                | 3-21-68  | 20.74                |
| 4-15-41  | 19.65                | 3-27-54  | 19.95                | 10-02-68 | 23.15                |
| 11-15-41 | 14.65                | 12-17-54 | 21.61                | 10-31-69 | 19.10                |
| 4-15-42  | 16.85                | 12-13-55 | 19.36                | 3-03-70  | 19.59                |
| 11-15-42 | 12.20                | 11-28-56 | 22.38                | 3-08-71  | 20.37                |
| 4-15-43  | 16.75                | 11-26-57 | 15.21                | 3-02-73  | 21.94                |
| 11-15-43 | 18.15                | 11-25-58 | 15.97                | 3-13-74  | 23.50                |
| 4-15-44  | 18.95                | 3-23-59  | 18.47                | 1-28-75  | 21.75                |
| 11-15-44 | 15.05                | 12-11-59 | 19.46                | 12-17-75 | 23.63                |
| 4-15-45  | 16.90                | 4-07-60  | 20.63                | 3-14-77  | 25.50                |
| 11-15-45 | 15.85                | 11-10-60 | 19.70                | 3-08-78  | 22.34                |
| 12-15-46 | 18.75                | 3-30-61  | 20.20                | 3-08-79  | 22.05                |
| 4-15-47  | 19.30                | 11-14-61 | 17.56                | 3-17-82  | 23.94                |
| 11-15-47 | 14.60                | 3-07-62  | 20.56                |          |                      |
| 4-15-48  | 17.40                | 11-27-62 | 18.74                |          |                      |



Table 121.--Ground-water levels, in feet,  
for well 381429104273300, SC21 63 08AAA

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 7-23-62  | 29.85                | 1-06-66  | 27.66                | 9-09-70  | 30.38                |
| 8-31-62  | 28.93                | 2-10-66  | 27.75                | 11-02-70 | 27.63                |
| 10-01-62 | 28.31                | 3-24-66  | 28.17                | 3-08-71  | 29.44                |
| 10-30-62 | 27.83                | 5-12-66  | 30.18                | 5-26-71  | 32.48                |
| 12-03-62 | 27.65                | 6-10-66  | 31.19                | 7-14-71  | 32.75                |
| 1-07-63  | 27.25                | 7-14-66  | 32.59                | 9-28-71  | 32.60                |
| 2-05-63  | 27.47                | 8-11-66  | 32.43                | 11-23-71 | 31.87                |
| 3-11-63  | 28.14                | 9-15-66  | 32.50                | 2-28-72  | 32.67                |
| 4-01-63  | 28.72                | 10-04-66 | 31.88                | 5-12-72  | 34.12                |
| 5-01-63  | 30.11                | 11-08-66 | 31.50                | 7-14-72  | 34.47                |
| 6-03-63  | 32.54                | 12-05-66 | 31.09                | 9-15-72  | 34.00                |
| 7-02-63  | 33.08                | 1-09-67  | 30.96                | 12-21-72 | 33.33                |
| 8-05-63  | 33.99                | 2-06-67  | 31.13                | 3-02-73  | 33.80                |
| 9-03-63  | 34.44                | 3-06-67  | 31.42                | 5-16-73  | 33.43                |
| 9-30-63  | 34.14                | 4-24-67  | 32.77                | 3-13-74  | 33.80                |
| 11-05-63 | 33.83                | 7-18-67  | 32.80                | 3-05-75  | 34.38                |
| 12-02-63 | 33.02                | 8-15-67  | 32.25                | 3-27-75  | 34.47                |
| 1-06-64  | 33.06                | 9-18-67  | 32.39                | 7-01-75  | 35.47                |
| 2-03-64  | 33.12                | 10-03-67 | 31.59                | 12-18-75 | 32.37                |
| 3-02-64  | 33.41                | 11-15-67 | 30.53                | 3-23-76  | 33.23                |
| 4-14-64  | 33.77                | 12-11-67 | 30.10                | 5-27-76  | 34.95                |
| 5-07-64  | 34.90                | 1-12-68  | 29.28                | 11-23-76 | 34.29                |
| 6-05-64  | 34.68                | 2-12-68  | 29.82                | 1-18-77  | 34.29                |
| 7-01-64  | 34.91                | 3-23-68  | 30.00                | 3-16-77  | 34.57                |
| 7-30-64  | 35.50                | 4-29-68  | 30.72                | 5-11-77  | 35.29                |
| 9-02-64  | 35.69                | 6-03-68  | 31.83                | 7-11-77  | 35.36                |
| 10-09-64 | 35.34                | 7-08-68  | 32.72                | 11-16-77 | 35.99                |
| 11-16-64 | 35.98                | 7-29-68  | 33.16                | 1-30-78  | 36.00                |
| 12-10-64 | 35.20                | 9-03-68  | 32.64                | 3-08-78  | 35.43                |
| 2-04-65  | 34.57                | 10-02-68 | 31.97                | 5-16-78  | 36.74                |
| 3-16-65  | 34.97                | 11-06-68 | 31.08                | 9-17-78  | 35.62                |
| 4-13-65  | 35.02                | 1-20-69  | 31.03                | 11-29-78 | 35.13                |
| 5-11-65  | 35.34                | 3-25-69  | 30.96                | 12-06-78 | 35.27                |
| 6-14-65  | 35.76                | 5-06-69  | 32.24                | 3-08-79  | 34.70                |
| 7-10-65  | 35.05                | 7-15-69  | 31.46                | 5-23-79  | 35.10                |
| 7-28-65  | 34.62                | 10-31-69 | 29.39                | 7-25-79  | 33.39                |
| 8-31-65  | 33.31                | 12-02-69 | 29.35                | 10-03-79 | 32.14                |
| 10-04-65 | 30.27                | 3-03-70  | 30.27                | 12-05-79 | 30.97                |
| 11-12-65 | 28.75                | 5-06-70  | 30.73                | 2-04-80  | 31.10                |
| 12-09-65 | 27.98                | 7-06-70  | 29.20                | 3-12-80  | 30.67                |

Table 121.--Ground-water levels, in feet, for well 381429104273300,  
SC21 63 08AAA--Continued

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 4-29-80  | 31.69                | 11-02-81 | 33.75                | 9-28-83  | 27.67                |
| 8-01-80  | 31.05                | 1-15-82  | 33.54                | 11-30-83 | 27.09                |
| 9-16-80  | 30.90                | 3-17-82  | 34.09                | 1-11-84  | 27.80                |
| 11-12-80 | 29.87                | 5-20-82  | 34.80                | 3-07-84  | 28.99                |
| 1-28-81  | 30.54                | 7-13-82  | 34.67                | 5-15-84  | 29.84                |
| 3-11-81  | 30.36                | 9-20-82  | 32.87                | 7-11-84  | 29.42                |
| 5-15-81  | 33.68                | 11-08-82 | 30.92                | 10-03-84 | 25.23                |
| 7-13-81  | 35.78                | 1-14-83  | 30.49                | 11-07-84 | 24.43                |
| 9-29-81  | 34.13                | 7-19-83  | 30.60                |          |                      |

Table 122.--Ground-water levels, in feet,  
for well 381624104264602, SC20 63 33ABA2

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 3-28-51  | 19.89                | 3-29-61  | 20.20                | 10-01-68 | 21.83                |
| 11-13-51 | 19.78                | 11-13-61 | 19.72                | 3-25-69  | 22.05                |
| 4-12-52  | 19.40                | 3-06-62  | 19.89                | 10-31-69 | 22.20                |
| 11-18-52 | 19.20                | 11-27-62 | 20.09                | 3-02-70  | 22.60                |
| 3-17-53  | 18.54                | 11-19-63 | 20.84                | 3-09-71  | 21.99                |
| 11-10-53 | 19.76                | 4-13-64  | 21.39                | 3-01-72  | 22.59                |
| 3-26-54  | 19.17                | 8-03-64  | 22.51                | 2-27-73  | 22.62                |
| 12-16-54 | 20.55                | 10-12-64 | 21.95                | 3-12-74  | 22.99                |
| 3-28-55  | 19.99                | 3-25-65  | 21.64                | 1-14-75  | 24.82                |
| 12-12-55 | 20.04                | 6-16-65  | 21.03                | 12-16-75 | 24.02                |
| 11-27-56 | 22.21                | 7-27-65  | 19.55                | 3-23-76  | 23.75                |
| 11-25-57 | 19.14                | 11-13-65 | 19.96                | 3-15-77  | 24.15                |
| 11-24-58 | 19.88                | 3-24-66  | 21.00                | 3-08-78  | 24.34                |
| 3-23-59  | 19.30                | 10-05-66 | 21.38                | 3-09-79  | 24.61                |
| 12-10-59 | 20.19                | 3-23-67  | 21.70                | 3-11-80  | 23.93                |
| 4-07-60  | 19.43                | 10-03-67 | 21.01                |          |                      |
| 11-09-60 | 21.15                | 3-22-68  | 21.76                |          |                      |

Table 123.--Ground-water levels, in feet,  
for well 381529104200600, SC21 62 04AAA

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 11-15-52 | 8.18                 | 11-15-60 | 8.50                 | 3-06-72  | 12.24                |
| 3-15-53  | 8.10                 | 3-15-61  | 7.65                 | 2-26-73  | 12.33                |
| 11-15-53 | 8.35                 | 3-15-62  | 7.20                 | 3-14-74  | 12.29                |
| 3-15-54  | 8.25                 | 11-15-62 | 8.26                 | 1-14-75  | 12.89                |
| 12-15-54 | 9.05                 | 8-18-64  | 13.78                | 12-18-75 | 13.96                |
| 3-15-55  | 8.16                 | 3-19-65  | 12.65                | 3-15-77  | 13.30                |
| 12-15-55 | 8.67                 | 11-15-65 | 13.10                | 3-07-78  | 13.58                |
| 11-15-56 | 9.30                 | 3-24-66  | 12.79                | 3-07-79  | 13.80                |
| 11-15-57 | 7.38                 | 3-28-69  | 12.93                | 3-11-80  | 13.88                |
| 11-15-58 | 8.17                 | 10-31-69 | 12.32                | 3-10-81  | 13.96                |
| 3-15-59  | 5.60                 | 3-03-70  | 12.17                | 3-16-82  | 13.93                |
| 12-15-59 | 5.50                 | 10-30-70 | 12.81                | 3-09-83  | 13.69                |
| 4-15-60  | 7.39                 | 2-26-71  | 12.07                | 3-06-84  | 13.96                |

Table 124.--Ground-water levels, in feet,  
for well 381340104205601, SC21 62 09CCC

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 8-20-29  | 12.50                | 11-06-47 | 13.80                | 3-30-61  | 16.50                |
| 10-18-34 | 16.80                | 4-01-48  | 15.70                | 11-14-61 | 14.60                |
| 5-02-35  | 17.20                | 11-04-48 | 15.00                | 3-07-62  | 15.10                |
| 11-06-35 | 14.90                | 4-05-49  | 16.30                | 11-27-62 | 14.80                |
| 5-12-36  | 16.70                | 11-29-49 | 14.80                | 3-27-63  | 15.60                |
| 12-01-37 | 15.80                | 4-04-50  | 15.80                | 11-19-63 | 18.50                |
| 12-21-38 | 14.90                | 11-10-50 | 16.20                | 3-05-64  | 17.90                |
| 5-03-39  | 15.30                | 3-24-51  | 16.60                | 11-11-64 | 20.30                |
| 11-01-39 | 16.20                | 11-14-51 | 15.70                | 4-07-65  | 18.50                |
| 4-10-40  | 15.50                | 4-11-52  | 16.50                | 11-16-65 | 13.90                |
| 12-10-40 | 16.40                | 11-19-52 | 16.80                | 3-23-66  | 14.40                |
| 4-17-41  | 16.50                | 11-11-53 | 17.80                | 10-15-67 | 17.09                |
| 11-12-41 | 13.50                | 3-27-54  | 19.20                | 3-25-69  | 16.30                |
| 4-03-42  | 15.10                | 12-17-54 | 19.50                | 3-03-70  | 15.39                |
| 11-11-42 | 11.80                | 12-13-55 | 18.60                | 3-10-71  | 15.42                |
| 11-04-43 | 15.70                | 11-28-56 | 20.10                | 3-28-72  | 16.79                |
| 4-05-44  | 16.60                | 11-26-57 | 14.50                | 3-01-73  | 19.07                |
| 11-02-44 | 13.70                | 11-25-58 | 15.70                | 3-12-80  | 19.25                |
| 4-12-45  | 15.70                | 3-23-59  | 15.40                | 5-13-82  | 19.34                |
| 11-08-45 | 15.80                | 12-11-59 | 17.40                | 3-10-83  | 16.14                |
| 4-02-46  | 17.00                | 4-07-60  | 16.90                | 3-07-84  | 14.91                |
| 12-05-46 | 17.00                | 11-10-60 | 18.10                |          |                      |

Table 125.--Ground-water levels, in feet,  
for well 381258104113800, SC21 61 23BAA

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 3-15-29  | 17.50                | 4-15-42  | 16.55                | 12-16-54 | 16.75                |
| 7-15-29  | 18.10                | 11-20-42 | 16.38                | 3-28-55  | 16.05                |
| 8-15-29  | 18.35                | 4-15-43  | 15.80                | 12-12-55 | 16.32                |
| 3-15-30  | 17.82                | 11-15-43 | 16.10                | 11-27-56 | 16.43                |
| 12-15-30 | 17.82                | 4-15-44  | 15.35                | 11-25-57 | 15.58                |
| 5-15-31  | 18.52                | 11-15-44 | 15.80                | 11-24-58 | 15.27                |
| 1-15-32  | 17.99                | 4-15-45  | 15.60                | 3-24-59  | 14.81                |
| 3-15-33  | 17.53                | 11-15-45 | 15.65                | 12-10-59 | 15.28                |
| 9-15-34  | 19.55                | 4-15-46  | 15.65                | 4-07-60  | 14.61                |
| 4-15-35  | 18.82                | 11-15-46 | 15.08                | 11-09-60 | 16.29                |
| 10-15-35 | 18.66                | 4-15-47  | 15.38                | 3-29-61  | 15.14                |
| 4-15-36  | 17.95                | 11-15-47 | 16.10                | 11-13-61 | 15.58                |
| 12-15-37 | 18.38                | 4-15-48  | 15.50                | 3-06-62  | 14.71                |
| 4-15-38  | 17.58                | 11-15-48 | 15.72                | 11-27-62 | 15.23                |
| 12-15-38 | 17.65                | 4-15-49  | 15.50                | 3-27-63  | 14.85                |
| 4-15-39  | 17.15                | 11-15-49 | 15.72                | 11-19-63 | 17.24                |
| 11-15-39 | 18.45                | 3-28-51  | 15.72                | 3-03-64  | 16.15                |
| 4-10-40  | 17.08                | 11-13-51 | 17.06                | 4-07-65  | 16.40                |
| 12-15-40 | 17.75                | 3-17-53  | 16.13                | 11-16-65 | 16.40                |
| 4-15-41  | 17.05                | 11-10-53 | 17.03                | 3-22-66  | 16.68                |
| 11-15-41 | 16.15                | 3-26-54  | 16.02                |          |                      |

Table 126.--Ground-water levels, in feet,  
for well 380838104012000, SC22 59 09CCB

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 7-23-62  | 6.58                 | 7-14-66  | 7.88                 | 4-27-72  | 8.14                 |
| 8-31-62  | 6.98                 | 8-11-66  | 7.22                 | 5-10-72  | 8.16                 |
| 10-01-62 | 7.27                 | 9-15-66  | 8.10                 | 5-15-72  | 8.16                 |
| 11-01-62 | 7.12                 | 10-06-66 | 8.25                 | 5-26-72  | 7.95                 |
| 12-03-62 | 6.98                 | 11-08-66 | 8.24                 | 5-31-72  | 7.26                 |
| 1-07-63  | 7.08                 | 12-05-66 | 8.25                 | 6-12-72  | 7.05                 |
| 2-05-63  | 6.53                 | 1-09-67  | 8.10                 | 6-27-72  | 6.20                 |
| 3-11-63  | 7.02                 | 2-06-67  | 8.08                 | 7-12-72  | 5.94                 |
| 4-01-63  | 7.14                 | 3-06-67  | 8.34                 | 7-13-72  | 7.80                 |
| 5-01-63  | 7.33                 | 3-24-67  | 8.42                 | 7-26-72  | 5.48                 |
| 6-03-63  | 6.91                 | 4-24-67  | 8.58                 | 8-09-72  | 7.80                 |
| 7-02-63  | 7.42                 | 7-18-67  | 6.94                 | 8-22-72  | 8.37                 |
| 8-05-63  | 7.64                 | 8-22-67  | 7.64                 | 9-11-72  | 8.18                 |
| 9-03-63  | 6.99                 | 9-18-67  | 7.78                 | 9-14-72  | 8.40                 |
| 9-30-63  | 7.38                 | 10-05-67 | 8.19                 | 9-25-72  | 8.54                 |
| 11-05-63 | 7.26                 | 11-15-67 | 8.14                 | 9-28-72  | 8.07                 |
| 12-02-63 | 7.26                 | 12-11-67 | 8.06                 | 10-18-72 | 8.32                 |
| 1-06-64  | 7.00                 | 1-12-68  | 7.64                 | 11-07-72 | 8.02                 |
| 2-03-64  | 7.14                 | 2-12-68  | 7.87                 | 11-23-72 | 7.75                 |
| 3-02-64  | 7.14                 | 4-29-68  | 8.22                 | 12-19-72 | 7.56                 |
| 4-13-64  | 7.07                 | 6-03-68  | 7.46                 | 2-23-73  | 7.97                 |
| 5-06-64  | 7.35                 | 7-08-68  | 7.39                 | 2-26-73  | 8.02                 |
| 6-05-64  | 6.62                 | 7-29-68  | 7.62                 | 5-15-73  | 6.70                 |
| 7-01-64  | 6.69                 | 9-04-68  | 7.80                 | 7-02-73  | 6.72                 |
| 7-30-64  | 7.05                 | 10-01-68 | 8.17                 | 9-19-73  | 8.22                 |
| 9-02-64  | 7.21                 | 11-06-68 | 8.17                 | 11-19-73 | 7.98                 |
| 10-08-64 | 7.52                 | 1-20-69  | 7.87                 | 3-11-74  | 7.88                 |
| 11-17-64 | 7.28                 | 3-25-69  | 8.21                 | 6-11-74  | 7.40                 |
| 12-10-64 | 7.13                 | 5-06-69  | 8.46                 | 7-31-74  | 7.73                 |
| 1-07-65  | 6.96                 | 7-16-69  | 7.46                 | 10-09-74 | 8.49                 |
| 2-04-65  | 7.02                 | 10-28-69 | 7.98                 | 1-15-75  | 7.47                 |
| 3-16-65  | 6.97                 | 12-02-69 | 7.69                 | 3-27-75  | 7.82                 |
| 4-13-65  | 6.39                 | 3-03-70  | 7.92                 | 7-01-75  | 7.06                 |
| 5-04-65  | 6.52                 | 5-06-70  | 7.80                 | 9-22-75  | 8.25                 |
| 6-14-65  | 6.32                 | 7-06-70  | 6.73                 | 12-17-75 | 7.87                 |
| 7-09-65  | 4.07                 | 9-09-70  | 7.72                 | 3-12-76  | 7.90                 |
| 7-30-65  | 4.47                 | 11-02-70 | 7.44                 | 11-23-76 | 7.93                 |
| 8-31-65  | 4.92                 | 3-08-71  | 7.98                 | 1-18-77  | 7.38                 |
| 10-04-65 | 5.85                 | 5-26-71  | 7.95                 | 5-11-77  | 8.00                 |
| 11-12-65 | 6.44                 | 7-13-71  | 7.43                 | 8-11-77  | 7.97                 |
| 12-08-65 | 6.63                 | 9-28-71  | 8.07                 | 11-16-77 | 8.20                 |
| 1-06-66  | 6.66                 | 11-23-71 | 7.75                 | 3-08-78  | 8.08                 |
| 2-10-66  | 6.75                 | 1-17-72  | 7.92                 | 5-16-78  | 8.29                 |
| 3-10-66  | 6.83                 | 2-16-72  | 7.98                 | 3-05-79  | 7.96                 |
| 3-26-66  | 6.89                 | 3-06-72  | 8.03                 | 3-11-80  | 7.11                 |
| 5-12-66  | 7.03                 | 3-09-72  | 8.07                 |          |                      |
| 6-10-66  | 7.24                 | 4-10-72  | 8.37                 |          |                      |

Table 127.--Ground-water levels, in feet,  
for well 381104103482600, SC21 57 32AAB

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 9-15-59  | 13.00                | 7-06-61  | 12.80                | 11-08-66 | 12.55                |
| 10-06-59 | 13.04                | 8-05-61  | 11.12                | 3-24-67  | 14.47                |
| 11-06-59 | 13.77                | 9-02-61  | 10.40                | 11-15-67 | 13.90                |
| 12-03-59 | 13.89                | 10-03-61 | 11.12                | 6-03-68  | 14.19                |
| 1-09-60  | 14.25                | 11-06-61 | 12.09                | 10-01-68 | 12.60                |
| 2-02-60  | 14.28                | 12-01-61 | 12.60                | 3-25-69  | 15.83                |
| 3-13-60  | 14.13                | 2-14-62  | 13.16                | 10-28-69 | 11.67                |
| 4-06-60  | 14.14                | 3-06-62  | 13.28                | 3-03-70  | 14.27                |
| 5-12-60  | 13.92                | 3-29-62  | 13.63                | 3-09-71  | 14.58                |
| 6-02-60  | 13.59                | 4-30-62  | 11.95                | 3-08-72  | 15.17                |
| 7-06-60  | 12.00                | 6-04-62  | 11.39                | 2-28-73  | 15.87                |
| 8-03-60  | 11.20                | 7-02-62  | 9.36                 | 3-11-74  | 14.97                |
| 9-09-60  | 11.69                | 7-30-62  | 8.90                 | 1-14-75  | 14.92                |
| 10-01-60 | 11.94                | 8-31-62  | 9.10                 | 12-15-75 | 16.22                |
| 11-09-60 | 12.75                | 10-01-62 | 10.23                | 3-12-76  | 16.60                |
| 12-14-60 | 12.80                | 11-01-62 | 11.57                | 3-15-77  | 17.12                |
| 1-13-61  | 13.27                | 4-01-63  | 13.60                | 3-07-78  | 16.10                |
| 2-08-61  | 13.53                | 11-05-63 | 13.94                | 3-05-79  | 15.80                |
| 3-09-61  | 13.84                | 4-13-64  | 15.39                | 3-13-81  | 14.85                |
| 4-05-61  | 14.06                | 11-17-64 | 15.30                | 3-15-82  | 15.55                |
| 5-03-61  | 14.18                | 3-16-65  | 16.12                | 3-10-83  | 14.59                |
| 6-02-61  | 13.95                | 3-26-66  | 14.69                | 3-12-84  | 13.61                |

Table 128.--Ground-water levels, in feet,  
for well 380414103450400, SC23 57 02DDC

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date    | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|---------|----------------------|
| 8-12-59  | 24.24                | 4-01-68  | 22.70                | 3-24-76 | 23.73                |
| 8-11-64  | 24.98                | 10-01-68 | 20.61                | 3-09-78 | 27.08                |
| 10-08-64 | 25.89                | 3-25-69  | 20.93                | 3-05-79 | 28.28                |
| 3-18-65  | 25.44                | 10-28-69 | 20.28                | 3-12-80 | 24.16                |
| 6-15-65  | 23.91                | 3-03-70  | 21.85                | 3-11-81 | 22.24                |
| 7-27-65  | 23.61                | 3-09-71  | 21.29                | 3-16-82 | 24.20                |
| 11-08-65 | 23.00                | 3-08-72  | 19.99                | 3-08-83 | 22.73                |
| 10-04-66 | 22.46                | 3-01-73  | 22.82                | 3-21-84 | 20.93                |
| 3-22-67  | 22.91                | 3-14-74  | 22.04                |         |                      |
| 10-05-67 | 22.34                | 1-15-75  | 24.90                |         |                      |

Table 129.--Ground-water levels, in feet,  
for well 380221103413700, SC23 56 20AAA

|          | Depth<br>water |          | Depth<br>water |          | Depth<br>water |
|----------|----------------|----------|----------------|----------|----------------|
| 5-27-66  | 14.40          | 9-09-70  | 13.05          | 7-27-78  | 14.18          |
| 6-10-66  | 14.23          | 11-04-70 | 13.72          | 9-17-78  | 14.07          |
| 7-14-66  | 13.41          | 3-09-71  | 15.35          | 7-18-79  | 12.84          |
| 8-11-66  | 13.38          | 5-26-71  | 13.16          | 10-03-79 | 11.67          |
| 9-15-66  | 14.00          | 7-13-71  | 12.58          | 12-05-79 | 12.96          |
| 10-06-66 | 14.23          | 9-28-71  | 12.14          | 2-04-80  | 13.56          |
| 11-08-66 | 14.79          | 11-23-71 | 12.77          | 3-13-80  | 14.39          |
| 12-05-66 | 14.94          | 2-24-72  | 13.77          | 4-29-80  | 14.38          |
| 1-09-67  | 15.42          | 5-11-72  | 11.09          | 7-14-80  | 13.15          |
| 2-06-67  | 14.70          | 7-13-72  | 10.47          | 9-16-80  | 12.34          |
| 3-06-67  | 15.20          | 9-14-72  | 11.75          | 11-12-80 | 11.90          |
| 3-24-67  | 14.84          | 12-19-72 | 13.28          | 1-28-81  | 12.15          |
| 4-24-67  | 14.13          | 2-27-73  | 14.38          | 3-11-81  | 12.20          |
| 7-18-67  | 14.18          | 5-15-73  | 13.32          | 5-15-81  | 11.57          |
| 8-22-67  | 13.84          | 7-02-73  | 13.30          | 7-13-81  | 11.31          |
| 9-18-67  | 14.10          | 9-19-73  | 12.50          | 9-29-81  | 11.38          |
| 10-05-67 | 14.32          | 11-19-73 | 12.14          | 11-02-81 | 11.54          |
| 11-16-67 | 14.71          | 3-14-74  | 14.20          | 1-15-82  | 11.74          |
| 12-11-67 | 14.56          | 6-11-74  | 13.33          | 3-16-82  | 12.17          |
| 1-12-68  | 15.13          | 7-31-74  | 12.85          | 5-20-82  | 12.30          |
| 2-12-68  | 15.56          | 10-09-74 | 13.58          | 7-13-82  | 12.26          |
| 4-29-68  | 14.75          | 1-14-75  | 15.19          | 9-20-82  | 12.03          |
| 6-03-68  | 14.29          | 3-26-75  | 15.75          | 11-08-82 | 12.01          |
| 7-08-68  | 13.76          | 7-01-75  | 12.06          | 1-04-83  | 12.01          |
| 7-29-68  | 14.68          | 9-22-75  | 11.65          | 3-08-83  | 12.14          |
| 9-04-68  | 13.77          | 3-12-76  | 14.15          | 5-17-83  | 12.29          |
| 10-02-68 | 12.94          | 5-27-76  | 11.60          | 7-19-83  | 12.32          |
| 11-07-68 | 14.17          | 11-23-76 | 12.65          | 9-28-83  | 12.24          |
| 1-20-69  | 14.62          | 1-19-77  | 13.63          | 11-30-83 | 12.24          |
| 3-26-69  | 14.63          | 3-14-77  | 13.89          | 1-06-84  | 12.30          |
| 5-06-69  | 13.63          | 5-11-77  | 12.49          | 3-21-84  | 12.47          |
| 7-16-69  | 13.49          | 7-11-77  | 12.31          | 5-15-84  | 12.57          |
| 10-27-69 | 13.96          | 8-11-77  | 13.09          | 7-11-84  | 12.58          |
| 12-02-69 | 14.44          | 11-18-77 | 14.19          | 10-03-84 | 12.87          |
| 3-02-70  | 15.54          | 1-30-78  | 15.30          | 11-07-84 | 12.43          |
| 5-06-70  | 14.31          | 3-07-78  | 15.40          |          |                |
| 7-06-70  | 13.37          | 5-16-78  | 14.34          |          |                |

Table 130.--Ground-water levels, in feet,  
for well 380007103311200, SC23 55 36CAD

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 8-03-61  | 10.36                | 2-04-65  | 8.70                 | 7-30-68  | 9.51                 |
| 10-09-61 | 10.04                | 3-17-65  | 7.95                 | 9-04-68  | 9.22                 |
| 11-02-61 | 9.39                 | 4-13-65  | 7.67                 | 10-03-68 | 9.20                 |
| 12-06-61 | 8.23                 | 5-11-65  | 8.32                 | 1-20-69  | 9.93                 |
| 2-07-62  | 7.64                 | 6-12-65  | 8.57                 | 3-26-69  | 6.90                 |
| 3-06-62  | 7.48                 | 7-09-65  | 6.09                 | 5-06-69  | 7.41                 |
| 3-29-62  | 7.57                 | 7-30-65  | 6.86                 | 7-16-69  | 8.38                 |
| 5-01-62  | 7.88                 | 8-31-65  | 6.13                 | 10-29-69 | 7.87                 |
| 6-05-62  | 7.94                 | 10-04-65 | 6.30                 | 12-02-69 | 8.11                 |
| 7-03-62  | 7.78                 | 11-12-65 | 5.94                 | 3-03-70  | 6.64                 |
| 7-31-62  | 8.18                 | 12-09-65 | 6.08                 | 5-06-70  | 6.39                 |
| 9-04-62  | 9.32                 | 1-06-66  | 6.06                 | 7-06-70  | 7.75                 |
| 10-02-62 | 9.72                 | 2-09-66  | 5.55                 | 9-09-70  | 8.68                 |
| 11-01-62 | 9.50                 | 3-09-66  | 5.32                 | 11-03-70 | 7.47                 |
| 12-03-62 | 8.86                 | 3-26-66  | 5.30                 | 3-10-71  | 6.37                 |
| 1-07-63  | 8.27                 | 5-12-66  | 6.76                 | 5-26-71  | 7.31                 |
| 2-05-63  | 7.98                 | 6-09-66  | 7.68                 | 7-14-71  | 7.73                 |
| 3-11-63  | 7.65                 | 7-14-66  | 8.89                 | 9-28-71  | 7.68                 |
| 4-01-63  | 7.65                 | 8-11-66  | 8.76                 | 11-23-71 | 6.90                 |
| 5-01-63  | 8.61                 | 9-14-66  | 9.00                 | 2-23-72  | 6.07                 |
| 6-04-63  | 9.68                 | 10-07-66 | 8.82                 | 5-12-72  | 7.34                 |
| 7-02-63  | 10.64                | 11-09-66 | 8.45                 | 7-14-72  | 7.48                 |
| 8-05-63  | 11.67                | 12-06-66 | 8.13                 | 9-15-72  | 9.25                 |
| 9-03-63  | 12.20                | 1-09-67  | 7.67                 | 12-21-72 | 8.00                 |
| 9-30-63  | 11.92                | 2-06-67  | 7.57                 | 3-01-73  | 7.30                 |
| 11-06-63 | 11.45                | 3-06-67  | 7.37                 | 5-16-73  | 6.23                 |
| 12-02-63 | 10.49                | 3-25-67  | 7.61                 | 7-03-73  | 6.62                 |
| 1-06-64  | 9.63                 | 4-24-67  | 8.02                 | 9-20-73  | 8.39                 |
| 2-03-64  | 9.23                 | 7-18-67  | 8.13                 | 11-20-73 | 7.02                 |
| 3-02-64  | 8.91                 | 8-17-67  | 8.84                 | 3-12-74  | 6.04                 |
| 4-10-64  | 8.63                 | 8-22-67  | 8.36                 | 6-13-74  | 7.52                 |
| 5-06-64  | 9.38                 | 9-19-67  | 9.41                 | 8-02-74  | 9.49                 |
| 6-04-64  | 9.96                 | 10-05-67 | 9.31                 | 10-10-74 | 9.62                 |
| 7-01-64  | 10.45                | 11-16-67 | 8.49                 | 1-16-75  | 7.70                 |
| 7-30-64  | 11.42                | 12-11-67 | 8.14                 | 3-27-75  | 6.73                 |
| 9-01-64  | 11.80                | 1-12-68  | 7.77                 | 7-03-75  | 8.85                 |
| 10-08-64 | 11.64                | 2-13-68  | 7.40                 | 9-25-75  | 9.03                 |
| 11-14-64 | 10.58                | 4-29-68  | 7.99                 | 3-12-76  | 6.75                 |
| 12-10-64 | 9.03                 | 6-04-68  | 9.25                 | 5-28-76  | 8.59                 |
| 1-07-65  | 9.34                 | 7-09-68  | 9.49                 | 12-15-76 | 7.59                 |



Table 130.--Ground-water levels, in feet, for well 380007103311200,  
SC23 55 36CAD--Continued

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 1-21-77  | 6.88                 | 2-11-80  | 5.59                 | 9-24-82  | 6.03                 |
| 3-15-77  | 6.40                 | 3-11-80  | 5.58                 | 11-05-82 | 4.54                 |
| 7-13-77  | 8.37                 | 5-16-80  | 3.90                 | 1-11-83  | 4.49                 |
| 8-12-77  | 8.48                 | 8-01-80  | 4.88                 | 3-09-83  | 4.59                 |
| 9-07-77  | 8.01                 | 9-23-80  | 5.45                 | 5-23-83  | 3.86                 |
| 11-18-77 | 7.74                 | 11-14-80 | 5.24                 | 7-22-83  | 4.18                 |
| 2-01-78  | 6.29                 | 1-28-81  | 5.33                 | 9-30-83  | 4.85                 |
| 3-09-78  | 5.72                 | 3-10-81  | 5.46                 | 12-05-83 | 4.22                 |
| 5-17-78  | 7.25                 | 5-15-81  | 7.21                 | 1-06-84  | 4.10                 |
| 7-28-78  | 7.33                 | 8-28-81  | 7.89                 | 3-22-84  | 3.73                 |
| 12-01-78 | 8.30                 | 10-01-81 | 8.27                 | 5-15-84  | 2.91                 |
| 2-09-79  | 7.22                 | 11-06-81 | 7.57                 | 7-11-84  | 3.69                 |
| 3-06-79  | 7.00                 | 1-15-82  | 6.25                 | 10-03-84 | 4.03                 |
| 7-24-79  | 6.39                 | 3-16-82  | 5.77                 | 11-07-84 | 2.80                 |
| 10-05-79 | 6.98                 | 5-19-82  | 7.20                 |          |                      |
| 12-07-79 | 6.10                 | 7-13-82  | 5.90                 |          |                      |

Table 131.--Ground-water levels, in feet,  
for well 380203103281500, SC23 54 21BCC

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 10-01-62 | 34.57                | 7-09-65  | 39.82                | 7-09-68  | 35.15                |
| 11-01-62 | 33.15                | 7-30-65  | 38.82                | 7-30-68  | 35.70                |
| 12-03-62 | 32.47                | 8-31-65  | 38.65                | 9-04-68  | 36.65                |
| 1-07-63  | 32.15                | 10-04-65 | 37.40                | 10-01-68 | 36.60                |
| 2-05-63  | 31.90                | 11-12-65 | 35.21                | 11-07-68 | 35.94                |
| 3-11-63  | 32.59                | 12-09-65 | 34.86                | 3-25-69  | 35.12                |
| 4-01-63  | 33.66                | 1-06-66  | 34.54                | 10-30-69 | 35.84                |
| 5-01-63  | 35.07                | 2-09-66  | 33.85                | 3-03-70  | 34.76                |
| 6-04-63  | 36.69                | 3-26-66  | 33.30                | 11-03-70 | 35.38                |
| 7-02-63  | 39.19                | 5-11-66  | 35.61                | 2-25-71  | 33.04                |
| 8-05-63  | 41.02                | 6-09-66  | 35.27                | 3-30-71  | 32.92                |
| 9-03-63  | 41.45                | 7-14-66  | 36.12                | 5-04-71  | 35.16                |
| 9-30-63  | 40.14                | 8-11-66  | 34.70                | 6-16-71  | 35.93                |
| 11-06-63 | 39.42                | 9-14-66  | 34.37                | 7-27-71  | 36.38                |
| 12-02-63 | 39.06                | 10-07-66 | 34.11                | 8-16-71  | 35.44                |
| 1-06-64  | 38.58                | 11-09-66 | 34.64                | 9-21-71  | 36.20                |
| 2-04-64  | 38.20                | 12-05-66 | 33.20                | 10-19-71 | 36.60                |
| 3-02-64  | 37.98                | 1-09-67  | 32.76                | 11-22-71 | 35.36                |
| 4-10-64  | 37.56                | 2-06-67  | 32.38                | 12-21-71 | 34.34                |
| 5-06-64  | 38.80                | 3-06-67  | 32.17                | 2-22-72  | 33.68                |
| 6-04-64  | 40.30                | 4-24-67  | 33.52                | 3-01-73  | 36.80                |
| 7-01-64  | 39.62                | 6-13-67  | 33.23                | 1-16-75  | 37.58                |
| 7-29-64  | 40.86                | 7-11-67  | 31.90                | 3-12-76  | 38.55                |
| 9-01-64  | 41.17                | 8-22-67  | 33.29                | 3-29-76  | 38.84                |
| 10-08-64 | 41.05                | 9-18-67  | 34.79                | 3-15-77  | 39.57                |
| 11-14-64 | 40.79                | 10-05-67 | 33.75                | 3-09-78  | 38.85                |
| 12-10-64 | 40.47                | 11-16-67 | 33.04                | 3-06-79  | 40.40                |
| 1-07-65  | 39.09                | 12-11-67 | 32.85                | 3-11-80  | 35.15                |
| 2-04-65  | 39.70                | 1-12-68  | 32.79                | 3-10-81  | 30.60                |
| 3-16-65  | 38.86                | 2-13-68  | 32.67                | 3-16-82  | 34.05                |
| 4-13-65  | 38.60                | 3-25-68  | 32.42                | 3-10-83  | 30.58                |
| 5-11-65  | 41.49                | 4-29-68  | 34.48                | 3-22-84  | 25.79                |
| 6-12-65  | 40.67                | 6-04-68  | 35.05                |          |                      |

Table 132.--Ground-water levels, in feet,  
for well 380348103185300, SC23 53 11ACC

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 9-17-58  | 8.60                 | 5-02-62  | 8.28                 | 9-01-65  | 6.87                 |
| 11-03-58 | 8.81                 | 6-02-62  | 7.36                 | 10-05-65 | 8.55                 |
| 12-02-58 | 8.94                 | 7-03-62  | 6.25                 | 11-11-65 | 8.90                 |
| 1-08-59  | 8.98                 | 7-31-62  | 6.60                 | 12-08-65 | 9.13                 |
| 2-04-59  | 9.05                 | 9-05-62  | 8.04                 | 1-05-66  | 9.25                 |
| 3-03-59  | 8.97                 | 10-02-62 | 8.47                 | 2-09-66  | 9.40                 |
| 4-07-59  | 8.93                 | 11-01-62 | 8.59                 | 3-09-66  | 9.40                 |
| 5-05-59  | 8.59                 | 12-04-62 | 8.61                 | 3-28-66  | 9.70                 |
| 6-02-59  | 8.52                 | 1-08-63  | 8.62                 | 5-11-66  | 10.06                |
| 7-10-59  | 8.00                 | 2-06-63  | 8.76                 | 6-09-66  | 9.53                 |
| 8-06-59  | 8.90                 | 3-12-63  | 8.88                 | 7-13-66  | 9.56                 |
| 9-01-59  | 8.54                 | 4-02-63  | 8.88                 | 8-11-66  | 9.02                 |
| 10-05-59 | 9.72                 | 5-01-63  | 9.51                 | 9-14-66  | 9.54                 |
| 10-28-59 | 9.50                 | 6-04-63  | 9.36                 | 10-07-66 | 10.17                |
| 12-01-59 | 9.48                 | 7-02-63  | 9.10                 | 11-09-66 | 10.28                |
| 1-07-60  | 9.49                 | 8-06-63  | 9.39                 | 12-06-66 | 10.44                |
| 2-01-60  | 9.38                 | 9-04-63  | 9.46                 | 1-10-67  | 10.55                |
| 3-11-60  | 9.12                 | 10-01-63 | 9.43                 | 2-07-67  | 10.72                |
| 4-05-60  | 8.96                 | 11-06-63 | 9.65                 | 3-07-67  | 10.71                |
| 5-10-60  | 9.00                 | 12-03-63 | 9.63                 | 3-25-67  | 10.69                |
| 6-02-60  | 8.68                 | 1-07-64  | 9.57                 | 4-25-67  | 10.62                |
| 6-29-60  | 6.93                 | 2-04-64  | 9.68                 | 7-17-67  | 9.53                 |
| 8-01-60  | 7.10                 | 3-03-64  | 9.72                 | 8-23-67  | 8.85                 |
| 9-12-60  | 7.34                 | 4-13-64  | 9.58                 | 9-19-67  | 9.72                 |
| 10-04-60 | 9.34                 | 5-06-64  | 9.79                 | 10-05-67 | 9.73                 |
| 11-09-60 | 9.30                 | 6-04-64  | 9.28                 | 11-17-67 | 9.89                 |
| 12-13-60 | 9.35                 | 7-01-64  | 9.12                 | 12-12-67 | 10.13                |
| 1-12-61  | 9.36                 | 7-29-64  | 9.29                 | 1-11-68  | 10.27                |
| 2-07-61  | 9.28                 | 8-27-64  | 9.51                 | 2-13-68  | 10.37                |
| 3-10-61  | 9.38                 | 10-08-64 | 9.96                 | 3-29-68  | 10.53                |
| 4-09-61  | 9.23                 | 11-13-64 | 9.33                 | 4-30-68  | 9.32                 |
| 5-04-61  | 8.87                 | 12-10-64 | 9.82                 | 6-04-68  | 9.86                 |
| 6-01-61  | 8.38                 | 1-07-65  | 9.86                 | 7-30-68  | 8.56                 |
| 8-09-61  | 7.84                 | 2-04-65  | 9.86                 | 10-04-68 | 8.50                 |
| 9-03-61  | 7.61                 | 3-18-65  | 9.80                 | 11-06-68 | 8.94                 |
| 9-30-61  | 7.48                 | 4-14-65  | 9.70                 | 1-21-69  | 9.80                 |
| 11-02-61 | 7.32                 | 5-10-65  | 9.34                 | 3-27-69  | 9.90                 |
| 12-07-61 | 8.23                 | 6-12-65  | 9.30                 | 7-28-69  | 8.21                 |
| 2-13-62  | 8.75                 | 7-09-65  | 7.35                 | 10-29-69 | 8.90                 |
| 3-28-62  | 8.68                 | 8-01-65  | 8.02                 | 12-02-69 | 9.09                 |

Table 132.--Ground-water levels, in feet, for well 380348103185300,  
SC23 53 11ACC--Continued

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 3-05-70  | 9.51                 | 7-01-75  | 10.62                | 7-14-80  | 7.34                 |
| 5-06-70  | 9.76                 | 9-23-75  | 10.97                | 9-16-80  | 7.68                 |
| 7-08-70  | 8.03                 | 12-15-75 | 11.00                | 11-12-80 | 8.84                 |
| 9-09-70  | 7.95                 | 3-12-76  | 11.58                | 1-29-81  | 9.80                 |
| 11-03-70 | 8.76                 | 5-27-76  | 10.16                | 3-10-81  | 10.12                |
| 3-10-71  | 9.97                 | 11-23-76 | 10.80                | 5-13-81  | 11.64                |
| 5-26-71  | 9.29                 | 1-19-77  | 11.27                | 7-13-81  | 13.04                |
| 7-13-71  | 8.29                 | 3-14-77  | 11.02                | 9-29-81  | 9.61                 |
| 9-28-71  | 8.97                 | 5-11-77  | 11.55                | 11-02-81 | 10.31                |
| 11-23-71 | 9.18                 | 7-11-77  | 14.17                | 1-14-82  | 10.30                |
| 3-08-72  | 10.21                | 8-11-77  | 13.20                | 3-16-82  | 9.83                 |
| 5-11-72  | 10.45                | 11-16-77 | 11.60                | 5-11-82  | 13.27                |
| 7-13-72  | 9.26                 | 1-30-78  | 11.83                | 7-06-82  | 8.54                 |
| 9-14-72  | 9.96                 | 3-07-78  | 11.82                | 9-20-82  | 8.86                 |
| 12-19-72 | 10.66                | 5-16-78  | 12.88                | 11-01-82 | 9.38                 |
| 2-27-73  | 10.95                | 7-27-78  | 10.92                | 1-05-83  | 10.20                |
| 5-15-73  | 10.63                | 9-17-78  | 11.02                | 3-10-83  | 10.60                |
| 7-02-73  | 9.60                 | 11-29-78 | 11.76                | 5-18-83  | 10.32                |
| 9-19-73  | 9.76                 | 2-06-79  | 11.87                | 7-19-83  | 8.06                 |
| 11-19-73 | 10.07                | 3-05-79  | 11.76                | 11-30-83 | 10.28                |
| 3-11-74  | 10.64                | 5-23-79  | 11.59                | 1-10-84  | 9.39                 |
| 6-11-74  | 10.46                | 7-18-79  | 10.21                | 3-22-84  | 9.33                 |
| 7-31-74  | 10.39                | 10-03-79 | 10.13                | 5-16-84  | 8.80                 |
| 10-09-74 | 11.57                | 11-28-79 | 10.08                | 7-10-84  | 7.25                 |
| 1-13-75  | 11.80                | 2-04-80  | 10.35                | 11-09-84 | 7.31                 |
| 3-26-75  | 10.56                | 4-29-80  | 10.79                |          |                      |

Table 133.--Ground-water levels, in feet,  
for well 380513103150400, SC22 52 33CCB

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 9-10-58  | 22.74                | 3-06-62  | 24.15                | 7-09-65  | 27.65                |
| 11-03-58 | 22.50                | 3-28-62  | 23.52                | 8-01-65  | 27.62                |
| 12-02-58 | 22.30                | 5-01-62  | 23.54                | 9-01-65  | 26.88                |
| 1-08-59  | 22.22                | 6-05-62  | 22.90                | 10-05-65 | 25.95                |
| 2-04-59  | 22.09                | 7-03-62  | 22.06                | 11-11-65 | 25.55                |
| 3-03-59  | 22.04                | 7-31-62  | 21.46                | 12-08-65 | 25.43                |
| 4-07-59  | 22.19                | 9-04-62  | 21.56                | 1-06-66  | 25.30                |
| 5-05-59  | 22.24                | 10-02-62 | 22.22                | 2-09-66  | 25.15                |
| 6-02-59  | 22.60                | 11-01-62 | 22.40                | 3-09-66  | 24.99                |
| 7-10-59  | 22.35                | 12-04-62 | 22.39                | 3-28-66  | 25.07                |
| 8-06-59  | 22.98                | 1-07-63  | 22.40                | 5-11-66  | 25.72                |
| 9-01-59  | 23.37                | 2-05-63  | 22.49                | 6-09-66  | 26.45                |
| 10-05-59 | 24.00                | 3-11-63  | 22.64                | 7-13-66  | 25.90                |
| 10-28-59 | 23.72                | 4-02-63  | 22.89                | 8-11-66  | 25.75                |
| 12-01-59 | 23.48                | 5-01-63  | 23.50                | 9-14-66  | 25.72                |
| 1-07-60  | 23.33                | 6-04-63  | 24.43                | 10-07-66 | 25.20                |
| 2-01-60  | 23.24                | 7-02-63  | 24.89                | 11-09-66 | 24.88                |
| 3-11-60  | 23.08                | 8-05-63  | 26.59                | 12-06-66 | 24.71                |
| 4-06-60  | 23.01                | 9-04-63  | 26.85                | 1-10-67  | 24.47                |
| 5-10-60  | 23.15                | 10-01-63 | 26.94                | 2-06-67  | 24.27                |
| 6-02-60  | 23.23                | 11-06-63 | 26.97                | 3-07-67  | 24.40                |
| 6-29-60  | 22.83                | 12-03-63 | 26.94                | 3-25-67  | 24.37                |
| 8-01-60  | 22.50                | 1-07-64  | 26.86                | 4-25-67  | 24.83                |
| 9-12-60  | 24.02                | 2-04-64  | 26.61                | 7-17-67  | 24.30                |
| 10-04-60 | 24.52                | 3-02-64  | 26.28                | 8-23-67  | 23.44                |
| 11-09-60 | 24.35                | 4-10-64  | 26.17                | 9-19-67  | 23.61                |
| 12-13-60 | 24.18                | 5-06-64  | 26.28                | 10-05-67 | 23.16                |
| 1-12-61  | 23.63                | 6-04-64  | 26.47                | 11-17-67 | 23.01                |
| 2-07-61  | 24.04                | 7-01-64  | 26.25                | 12-12-67 | 22.92                |
| 3-10-61  | 24.05                | 7-29-64  | 26.94                | 1-12-68  | 22.63                |
| 4-07-61  | 24.14                | 8-28-64  | 27.51                | 2-13-68  | 22.44                |
| 5-04-61  | 24.29                | 10-07-64 | 28.20                | 3-27-68  | 22.48                |
| 6-01-61  | 24.39                | 11-14-64 | 27.95                | 4-30-68  | 22.64                |
| 7-12-61  | 23.94                | 12-10-64 | 27.72                | 6-04-68  | 23.70                |
| 8-09-61  | 24.12                | 1-07-65  | 27.47                | 10-02-68 | 22.35                |
| 9-03-61  | 23.78                | 2-04-65  | 27.30                | 11-06-68 | 23.29                |
| 9-30-61  | 23.83                | 3-17-65  | 27.18                | 1-20-69  | 23.57                |
| 11-02-61 | 23.83                | 4-13-65  | 28.02                | 3-26-69  | 23.74                |
| 12-06-61 | 24.37                | 5-10-65  | 28.60                | 5-06-69  | 24.87                |
| 2-13-62  | 23.67                | 6-12-65  | 28.69                | 7-28-69  | 23.85                |

Table 133.--Ground-water levels, in feet, for well 380513103150400,  
SC22 52 33CCB--Continued

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 10-28-69 | 23.52                | 3-27-75  | 26.58                | 9-23-80  | 22.96                |
| 12-02-69 | 23.60                | 7-03-75  | 27.60                | 11-14-80 | 23.06                |
| 3-03-70  | 23.83                | 9-25-75  | 26.80                | 1-28-81  | 23.05                |
| 5-06-70  | 23.76                | 12-18-75 | 26.30                | 3-10-81  | 23.19                |
| 9-09-70  | 24.28                | 3-12-76  | 26.13                | 5-15-81  | 23.62                |
| 11-03-70 | 22.10                | 12-15-76 | 27.74                | 7-14-81  | 23.88                |
| 3-09-71  | 22.44                | 1-21-77  | 27.40                | 10-01-81 | 24.65                |
| 5-26-71  | 22.95                | 3-15-77  | 26.78                | 11-06-81 | 24.92                |
| 7-14-71  | 22.71                | 5-12-77  | 27.55                | 1-14-82  | 25.09                |
| 9-28-71  | 22.70                | 7-13-77  | 28.70                | 3-15-82  | 25.16                |
| 11-23-71 | 22.58                | 8-12-77  | 29.09                | 5-19-82  | 25.89                |
| 3-07-72  | 23.05                | 11-18-77 | 28.92                | 7-13-82  | 25.50                |
| 5-12-72  | 24.27                | 2-01-78  | 28.16                | 9-24-82  | 24.89                |
| 7-14-72  | 24.15                | 3-08-78  | 27.53                | 11-04-82 | 24.21                |
| 9-15-72  | 26.18                | 5-17-78  | 28.23                | 1-11-83  | 24.48                |
| 12-21-72 | 25.61                | 9-18-78  | 28.25                | 3-09-83  | 24.50                |
| 2-27-73  | 25.49                | 12-01-78 | 28.20                | 5-23-83  | 24.32                |
| 5-16-73  | 25.08                | 2-09-79  | 27.75                | 7-22-83  | 23.16                |
| 7-03-73  | 24.23                | 3-06-79  | 27.55                | 9-28-83  | 23.00                |
| 9-20-73  | 24.06                | 7-25-79  | 27.08                | 12-05-83 | 21.53                |
| 11-20-73 | 23.54                | 10-05-79 | 26.22                | 1-06-84  | 21.70                |
| 3-14-74  | 23.50                | 12-06-79 | 25.98                | 3-05-84  | 22.22                |
| 6-13-74  | 25.13                | 2-05-80  | 25.88                | 5-15-84  | 22.05                |
| 8-02-74  | 25.88                | 3-10-80  | 25.58                | 10-05-84 | 16.90                |
| 10-10-74 | 27.92                | 5-16-80  | 25.23                | 11-07-84 | 17.38                |
| 1-16-75  | 26.67                | 8-01-80  | 23.72                |          |                      |

Table 134.--Ground-water levels, in feet,  
for well 380323103085900, SC23 51 08DCC

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 7-10-59  | 8.21                 | 1-08-63  | 4.60                 | 6-09-66  | 6.43                 |
| 8-06-59  | 8.20                 | 2-06-63  | 5.24                 | 7-13-66  | 7.52                 |
| 9-01-59  | 7.59                 | 3-12-63  | 5.05                 | 8-11-66  | 6.55                 |
| 10-05-59 | 7.79                 | 4-02-63  | 5.40                 | 9-14-66  | 6.52                 |
| 10-28-59 | 7.45                 | 5-01-63  | 5.54                 | 10-07-66 | 3.64                 |
| 12-01-59 | 7.10                 | 6-04-63  | 5.95                 | 11-09-66 | 3.69                 |
| 1-07-60  | 5.59                 | 7-02-63  | 6.83                 | 12-06-66 | 3.37                 |
| 2-01-60  | 5.47                 | 8-06-63  | 8.19                 | 1-10-67  | 4.29                 |
| 4-05-60  | 4.69                 | 9-04-63  | 7.85                 | 2-07-67  | 3.95                 |
| 5-10-60  | 4.75                 | 10-01-63 | 7.85                 | 3-07-67  | 4.14                 |
| 6-02-60  | 5.66                 | 11-06-63 | 7.33                 | 3-25-67  | 3.88                 |
| 6-29-60  | 6.80                 | 12-03-63 | 7.30                 | 4-25-67  | 4.59                 |
| 8-01-60  | 7.42                 | 1-07-64  | 7.29                 | 7-17-67  | 5.70                 |
| 9-12-60  | 8.40                 | 2-04-64  | 7.33                 | 8-23-67  | 6.94                 |
| 10-04-60 | 8.66                 | 3-03-64  | 7.21                 | 9-19-67  | 5.07                 |
| 11-09-60 | 8.17                 | 4-11-64  | 6.78                 | 10-05-67 | 5.20                 |
| 12-13-60 | 7.72                 | 5-06-64  | 6.69                 | 11-17-67 | 6.20                 |
| 1-12-61  | 7.77                 | 6-04-64  | 6.23                 | 12-12-67 | 6.57                 |
| 2-07-61  | 7.97                 | 7-01-64  | 6.41                 | 1-11-68  | 6.97                 |
| 3-10-61  | 7.95                 | 7-29-64  | 7.32                 | 2-13-68  | 7.36                 |
| 4-09-61  | 7.89                 | 9-01-64  | 8.10                 | 3-03-68  | 4.63                 |
| 5-04-61  | 7.77                 | 10-08-64 | 7.63                 | 4-30-68  | 4.79                 |
| 6-01-61  | 7.49                 | 11-13-64 | 7.08                 | 6-05-68  | 5.50                 |
| 7-12-61  | 7.43                 | 12-10-64 | 6.89                 | 7-09-68  | 6.86                 |
| 8-09-61  | 7.08                 | 1-07-65  | 5.64                 | 7-30-68  | 7.39                 |
| 9-03-61  | 7.38                 | 2-04-65  | 5.27                 | 10-03-68 | 7.88                 |
| 9-30-61  | 7.50                 | 3-18-65  | 5.62                 | 11-06-68 | 7.35                 |
| 11-02-61 | 7.70                 | 4-14-65  | 5.31                 | 1-21-69  | 7.52                 |
| 12-07-61 | 7.46                 | 5-10-65  | 5.25                 | 3-27-69  | 6.48                 |
| 2-13-62  | 7.64                 | 6-12-65  | 5.59                 | 5-06-69  | 5.60                 |
| 3-06-62  | 7.70                 | 7-09-65  | 4.94                 | 7-28-69  | 5.52                 |
| 3-28-62  | 6.96                 | 9-01-65  | 4.94                 | 10-29-69 | 5.81                 |
| 5-02-62  | 6.88                 | 10-05-65 | 4.92                 | 12-02-69 | 6.00                 |
| 6-06-62  | 6.78                 | 11-11-65 | 4.70                 | 3-04-70  | 6.58                 |
| 7-03-62  | 6.88                 | 12-08-65 | 5.18                 | 5-06-70  | 6.31                 |
| 7-31-62  | 7.11                 | 1-05-66  | 5.54                 | 7-08-70  | 5.69                 |
| 9-05-62  | 7.58                 | 2-09-66  | 5.85                 | 9-09-70  | 3.41                 |
| 10-02-62 | 7.30                 | 3-09-66  | 5.89                 | 11-03-70 | 4.27                 |
| 11-01-62 | 6.67                 | 3-28-66  | 5.82                 | 3-09-71  | 6.24                 |
| 12-04-62 | 5.06                 | 5-11-66  | 5.95                 | 5-25-71  | 6.57                 |

Table 134.--Ground-water levels, in feet, for well 380323103085900,  
SC23 51 08DCC--Continued

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 7-13-71  | 6.33                 | 5-27-76  | 7.87                 | 5-13-81  | 6.88                 |
| 9-28-71  | 5.39                 | 11-23-76 | 3.97                 | 7-13-81  | 8.30                 |
| 11-23-71 | 5.97                 | 1-19-77  | 5.33                 | 9-29-81  | 6.91                 |
| 3-07-72  | 7.03                 | 3-15-77  | 6.09                 | 11-02-81 | 6.78                 |
| 5-11-72  | 6.43                 | 5-10-77  | 6.21                 | 1-14-82  | 5.12                 |
| 7-13-72  | 7.75                 | 7-11-77  | 6.30                 | 3-16-82  | 5.68                 |
| 9-14-72  | 7.86                 | 8-11-77  | 5.50                 | 5-11-82  | 6.55                 |
| 12-19-72 | 8.21                 | 11-16-77 | 7.15                 | 7-06-82  | 5.37                 |
| 2-28-73  | 8.62                 | 1-30-78  | 5.12                 | 9-20-82  | 6.03                 |
| 5-15-73  | 7.60                 | 3-06-78  | 2.90                 | 11-01-82 | 5.55                 |
| 7-02-73  | 7.68                 | 5-16-78  | 4.25                 | 1-05-83  | 6.68                 |
| 9-19-73  | 7.83                 | 9-17-78  | 7.35                 | 3-10-83  | 7.05                 |
| 11-19-73 | 7.84                 | 3-05-79  | 9.46                 | 5-18-83  | 5.60                 |
| 3-12-74  | 7.19                 | 7-18-79  | 6.37                 | 7-19-83  | 6.90                 |
| 6-11-74  | 6.69                 | 10-03-79 | 6.29                 | 9-30-83  | 7.20                 |
| 7-31-74  | 6.95                 | 11-29-79 | 5.63                 | 11-30-83 | 6.83                 |
| 10-09-74 | 8.79                 | 2-04-80  | 5.61                 | 1-10-84  | 7.07                 |
| 1-14-75  | 5.75                 | 3-11-80  | 5.92                 | 3-06-84  | 7.33                 |
| 3-26-75  | 5.30                 | 4-29-80  | 4.14                 | 5-16-84  | 6.36                 |
| 7-01-75  | 6.75                 | 7-14-80  | 6.11                 | 7-13-84  | 5.84                 |
| 9-29-75  | 6.77                 | 9-16-80  | 7.00                 | 10-05-84 | 6.90                 |
| 12-16-75 | 5.62                 | 1-29-81  | 5.82                 | 11-08-84 | 6.70                 |
| 3-11-76  | 6.93                 | 3-11-81  | 6.34                 |          |                      |



Table 135.--Ground-water levels, in feet,  
for well 380416102554000, SC23 49 05DDC

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 9-25-58  | 9.34                 | 10-31-62 | 12.39                | 3-08-66  | 9.12                 |
| 11-03-58 | 10.00                | 12-04-62 | 12.57                | 3-28-66  | 9.79                 |
| 12-02-58 | 11.05                | 1-08-63  | 12.61                | 5-11-66  | 8.57                 |
| 1-07-59  | 11.26                | 2-06-63  | 12.38                | 6-09-66  | 8.57                 |
| 5-05-59  | 9.19                 | 3-12-63  | 12.25                | 7-13-66  | 9.10                 |
| 6-01-59  | 9.58                 | 4-02-63  | 12.00                | 8-10-66  | 9.48                 |
| 7-09-59  | 9.64                 | 4-30-63  | 12.07                | 9-13-66  | 9.88                 |
| 8-06-59  | 9.50                 | 6-04-63  | 12.05                | 10-08-66 | 10.20                |
| 9-01-59  | 9.68                 | 7-01-63  | 12.41                | 11-10-66 | 10.75                |
| 10-06-59 | 11.20                | 8-06-63  | 12.60                | 12-06-66 | 11.05                |
| 10-28-59 | 11.44                | 9-04-63  | 12.42                | 1-10-67  | 11.33                |
| 12-01-59 | 12.00                | 10-01-63 | 12.34                | 2-07-67  | 11.03                |
| 1-06-60  | 12.19                | 11-06-63 | 12.79                | 3-07-67  | 11.06                |
| 2-02-60  | 12.13                | 12-03-63 | 12.76                | 3-27-67  | 10.98                |
| 3-10-60  | 11.87                | 1-07-64  | 12.84                | 4-25-67  | 9.29                 |
| 4-05-60  | 11.89                | 2-04-64  | 12.71                | 7-17-67  | 10.32                |
| 5-10-60  | 10.78                | 3-02-64  | 12.50                | 8-23-67  | 10.12                |
| 6-02-60  | 10.70                | 4-11-64  | 12.07                | 9-19-67  | 10.32                |
| 6-29-60  | 11.04                | 5-06-64  | 12.30                | 10-06-67 | 10.20                |
| 8-01-60  | 11.52                | 6-04-64  | 12.08                | 11-17-67 | 11.40                |
| 9-12-60  | 12.37                | 6-30-64  | 12.02                | 12-13-67 | 11.77                |
| 10-04-60 | 12.56                | 7-29-64  | 12.66                | 1-11-68  | 12.02                |
| 11-10-60 | 12.33                | 9-01-64  | 12.83                | 2-15-68  | 11.85                |
| 12-13-60 | 12.53                | 10-07-64 | 12.96                | 3-25-68  | 11.90                |
| 1-12-61  | 12.55                | 11-13-64 | 12.95                | 4-30-68  | 11.14                |
| 2-07-61  | 12.28                | 12-10-64 | 12.86                | 6-05-68  | 11.37                |
| 3-10-61  | 12.23                | 1-07-65  | 12.95                | 9-05-68  | 11.60                |
| 4-07-61  | 12.04                | 2-03-65  | 12.92                | 10-02-68 | 11.87                |
| 6-01-61  | 11.48                | 3-18-65  | 12.63                | 11-06-68 | 11.86                |
| 11-03-61 | 11.65                | 4-14-65  | 12.20                | 1-21-69  | 11.54                |
| 12-06-61 | 12.44                | 5-10-65  | 12.15                | 3-26-69  | 11.51                |
| 2-13-62  | 11.91                | 6-11-65  | 11.65                | 5-06-69  | 10.78                |
| 3-06-62  | 11.95                | 7-09-65  | 11.64                | 7-28-69  | 10.68                |
| 3-28-62  | 12.11                | 8-01-65  | 10.19                | 8-25-69  | 8.04                 |
| 5-02-62  | 10.58                | 9-01-65  | 7.80                 | 10-08-69 | 11.78                |
| 6-06-62  | 10.94                | 10-05-65 | 10.12                | 12-04-69 | 12.08                |
| 7-03-62  | 10.95                | 11-11-65 | 10.02                | 3-03-70  | 11.64                |
| 7-31-62  | 10.88                | 12-08-65 | 10.10                | 5-08-70  | 10.19                |
| 9-05-62  | 12.12                | 1-05-66  | 9.44                 | 7-07-70  | 10.48                |
| 10-02-62 | 12.53                | 2-09-66  | 9.45                 | 9-11-70  | 11.12                |

Table 135.--Ground-water levels, in feet, for well 380416102554000,  
SC23 49 05DDC--Continued

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 11-30-70 | 11.37                | 3-09-76  | 12.34                | 1-29-81  | 11.72                |
| 3-10-71  | 11.57                | 5-27-76  | 11.88                | 3-12-81  | 12.02                |
| 5-26-71  | 10.98                | 11-22-76 | 12.72                | 5-13-81  | 10.59                |
| 7-13-71  | 11.00                | 1-19-77  | 12.82                | 7-15-81  | 11.17                |
| 9-29-71  | 11.54                | 3-17-77  | 12.13                | 9-30-81  | 10.88                |
| 11-23-71 | 11.99                | 5-11-77  | 11.48                | 11-03-81 | 11.67                |
| 3-08-72  | 11.84                | 7-11-77  | 11.40                | 1-14-82  | 12.28                |
| 5-11-72  | 11.41                | 8-11-77  | 11.61                | 3-17-82  | 12.00                |
| 7-13-72  | 11.25                | 11-16-77 | 12.45                | 5-18-82  | 10.71                |
| 9-14-72  | 11.99                | 1-30-78  | 12.80                | 7-07-82  | 10.12                |
| 12-19-72 | 12.44                | 3-08-78  | 12.20                | 9-21-82  | 10.52                |
| 2-26-73  | 11.99                | 5-16-78  | 11.63                | 11-02-82 | 10.97                |
| 5-15-73  | 11.41                | 7-27-78  | 11.48                | 1-06-83  | 12.15                |
| 7-02-73  | 10.23                | 9-17-78  | 11.84                | 3-08-83  | 11.86                |
| 9-19-73  | 12.02                | 2-06-79  | 12.38                | 5-18-83  | 10.30                |
| 11-19-73 | 12.19                | 3-08-79  | 12.31                | 7-20-83  | 9.63                 |
| 3-12-74  | 11.83                | 7-23-79  | 11.46                | 9-29-83  | 10.35                |
| 6-11-74  | 11.18                | 10-03-79 | 12.02                | 12-05-83 | 11.60                |
| 8-02-74  | 11.70                | 11-29-79 | 11.71                | 1-05-84  | 11.78                |
| 10-09-74 | 12.85                | 2-06-80  | 11.92                | 3-06-84  | 11.68                |
| 1-14-75  | 12.85                | 3-12-80  | 11.16                | 5-16-84  | 9.87                 |
| 3-26-75  | 12.10                | 5-13-80  | 11.53                | 7-13-84  | 9.27                 |
| 7-01-75  | 11.50                | 7-16-80  | 10.06                | 10-04-84 | 8.69                 |
| 9-23-75  | 12.35                | 9-17-80  | 10.19                | 11-08-84 | 11.10                |
| 12-16-75 | 12.74                | 11-13-80 | 11.68                |          |                      |

Table 136.--Ground-water levels, in feet,  
for well 380441102480000, SC23 48 04ADC

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 1-07-64  | 8.37                 | 11-17-67 | 4.66                 | 12-16-75 | 9.06                 |
| 2-05-64  | 8.52                 | 12-13-67 | 5.40                 | 3-09-76  | 9.09                 |
| 3-03-64  | 8.63                 | 1-11-68  | 7.53                 | 5-27-76  | 7.34                 |
| 4-11-64  | 8.28                 | 2-15-68  | 8.10                 | 11-23-76 | 9.42                 |
| 5-06-64  | 7.13                 | 3-25-68  | 8.32                 | 1-19-77  | 10.04                |
| 6-04-64  | 4.74                 | 4-30-68  | 5.89                 | 3-17-77  | 9.62                 |
| 6-30-64  | 5.33                 | 6-05-68  | 4.29                 | 5-12-77  | 6.10                 |
| 7-29-64  | 4.44                 | 9-05-68  | 4.65                 | 7-11-77  | 7.75                 |
| 9-01-64  | 5.51                 | 10-01-68 | 5.17                 | 8-17-77  | 8.20                 |
| 10-07-64 | 7.34                 | 11-06-68 | 6.94                 | 9-07-77  | 7.77                 |
| 11-13-64 | 7.67                 | 1-21-69  | 8.16                 | 11-16-77 | 9.05                 |
| 12-10-64 | 8.13                 | 3-20-69  | 8.46                 | 1-30-78  | 9.99                 |
| 1-07-65  | 8.32                 | 5-08-69  | 7.35                 | 3-09-78  | 10.05                |
| 2-03-65  | 8.61                 | 7-28-69  | 4.39                 | 5-16-78  | 7.37                 |
| 3-18-65  | 8.33                 | 8-25-69  | 4.44                 | 9-17-78  | 6.63                 |
| 4-14-65  | 7.36                 | 10-07-69 | 4.15                 | 11-29-78 | 8.24                 |
| 5-10-65  | 6.11                 | 12-04-69 | 6.60                 | 2-07-79  | 9.04                 |
| 6-11-65  | 6.31                 | 3-02-70  | 6.77                 | 3-08-79  | 9.17                 |
| 7-08-65  | 5.40                 | 5-08-70  | 6.37                 | 7-23-79  | 6.51                 |
| 8-02-65  | 3.40                 | 7-07-70  | 4.68                 | 10-03-79 | 6.76                 |
| 9-02-65  | 3.39                 | 9-11-70  | 4.68                 | 11-29-79 | 7.97                 |
| 10-05-65 | 5.84                 | 11-03-70 | 5.10                 | 2-06-80  | 8.78                 |
| 11-11-65 | 6.80                 | 3-10-71  | 6.15                 | 3-13-80  | 9.66                 |
| 12-08-65 | 7.13                 | 5-26-71  | 3.74                 | 3-20-80  | 9.22                 |
| 1-05-66  | 7.32                 | 7-13-71  | 4.94                 | 5-13-80  | 7.29                 |
| 2-09-66  | 7.60                 | 9-29-71  | 3.85                 | 7-16-80  | 4.45                 |
| 3-08-66  | 7.15                 | 11-23-71 | 5.84                 | 9-17-80  | 5.64                 |
| 3-28-66  | 7.57                 | 3-08-72  | 4.05                 | 11-13-80 | 7.48                 |
| 5-11-66  | 6.84                 | 5-11-72  | 4.14                 | 1-29-81  | 9.09                 |
| 6-09-66  | 5.82                 | 7-13-72  | 4.77                 | 3-12-81  | 9.32                 |
| 7-13-66  | 4.83                 | 9-14-72  | 5.79                 | 5-13-81  | 5.61                 |
| 8-13-66  | 4.87                 | 12-19-72 | 6.67                 | 7-15-81  | 7.18                 |
| 9-13-66  | 6.05                 | 2-26-73  | 7.12                 | 9-30-81  | 5.47                 |
| 10-08-66 | 6.55                 | 5-15-73  | 6.50                 | 11-03-81 | 6.44                 |
| 11-10-66 | 6.77                 | 7-02-73  | 5.25                 | 1-14-82  | 8.83                 |
| 12-06-66 | 7.28                 | 9-19-73  | 5.15                 | 3-17-82  | 9.56                 |
| 1-10-67  | 7.79                 | 11-19-73 | 5.33                 | 5-18-82  | 7.23                 |
| 2-07-67  | 8.11                 | 3-13-74  | 9.20                 | 7-07-82  | 6.81                 |
| 3-07-67  | 8.02                 | 6-11-74  | 7.72                 | 9-21-82  | 5.35                 |
| 3-27-67  | 8.09                 | 7-31-74  | 8.21                 | 11-02-82 | 6.58                 |
| 4-25-67  | 6.80                 | 10-09-74 | 9.53                 | 1-06-83  | 8.62                 |
| 7-17-67  | 5.88                 | 1-14-75  | 9.89                 | 3-08-83  | 9.37                 |
| 8-23-67  | 5.04                 | 3-26-75  | 10.80                | 7-02-83  | 6.20                 |
| 9-19-67  | 5.24                 | 7-01-75  | 8.10                 |          |                      |
| 10-06-67 | 5.89                 | 10-07-75 | 7.69                 |          |                      |

Table 137.--Ground-water levels, in feet,  
for well 380612102350800, SC22 46 28DCB

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 12-13-63 | 9.56                 | 2-14-68  | 9.10                 | 11-23-76 | 12.61                |
| 1-08-64  | 9.83                 | 3-29-68  | 9.49                 | 1-21-77  | 12.18                |
| 1-22-64  | 10.00                | 3-01-68  | 8.49                 | 3-16-77  | 11.81                |
| 3-04-64  | 9.69                 | 6-05-68  | 8.46                 | 5-12-77  | 11.95                |
| 4-11-64  | 8.61                 | 7-10-68  | 8.70                 | 7-12-77  | 12.10                |
| 4-22-64  | 8.82                 | 7-31-68  | 8.53                 | 8-12-77  | 10.52                |
| 5-06-64  | 8.95                 | 1-22-69  | 8.73                 | 1-31-78  | 14.26                |
| 6-03-64  | 7.65                 | 3-27-69  | 9.50                 | 3-07-78  | 13.87                |
| 6-30-64  | 7.90                 | 5-07-69  | 7.91                 | 5-16-78  | 13.17                |
| 7-28-64  | 9.27                 | 7-28-69  | 7.60                 | 9-18-78  | 13.80                |
| 8-31-64  | 9.82                 | 8-26-69  | 8.25                 | 11-30-78 | 13.40                |
| 10-06-64 | 10.37                | 10-09-69 | 9.07                 | 3-06-79  | 14.17                |
| 10-28-64 | 10.25                | 12-03-69 | 9.45                 | 7-24-79  | 11.92                |
| 12-09-64 | 10.49                | 3-04-70  | 9.77                 | 10-04-79 | 12.21                |
| 1-06-65  | 10.72                | 5-07-70  | 7.87                 | 11-29-79 | 12.63                |
| 2-03-65  | 11.09                | 7-07-70  | 8.75                 | 2-07-80  | 12.19                |
| 3-19-65  | 11.36                | 9-10-70  | 9.20                 | 3-10-80  | 12.09                |
| 4-14-65  | 10.37                | 11-04-70 | 9.62                 | 5-14-80  | 11.17                |
| 4-26-65  | 8.30                 | 3-11-71  | 9.65                 | 7-17-80  | 7.13                 |
| 5-10-65  | 10.37                | 5-26-71  | 11.32                | 9-18-80  | 8.89                 |
| 5-26-65  | 9.99                 | 7-13-71  | 9.19                 | 11-13-80 | 10.02                |
| 6-11-65  | 9.96                 | 9-29-71  | 9.66                 | 1-29-81  | 9.80                 |
| 7-08-65  | 7.90                 | 11-23-71 | 9.83                 | 3-12-81  | 9.78                 |
| 8-02-65  | 6.95                 | 3-07-72  | 9.52                 | 5-14-81  | 9.55                 |
| 9-03-65  | 5.04                 | 5-11-72  | 9.69                 | 7-16-81  | 9.56                 |
| 10-07-65 | 5.44                 | 7-13-72  | 8.62                 | 9-30-81  | 8.58                 |
| 11-09-65 | 8.58                 | 9-14-72  | 9.74                 | 11-04-81 | 9.16                 |
| 12-07-65 | 8.90                 | 12-20-72 | 10.23                | 1-13-82  | 9.70                 |
| 1-05-66  | 8.63                 | 2-28-73  | 10.32                | 3-17-82  | 9.75                 |
| 3-08-66  | 8.32                 | 5-15-73  | 9.88                 | 5-14-82  | 9.75                 |
| 3-29-66  | 8.35                 | 7-02-73  | 8.74                 | 7-07-82  | 8.65                 |
| 5-10-66  | 6.08                 | 9-19-73  | 10.27                | 9-22-82  | 7.88                 |
| 6-08-66  | 5.94                 | 11-19-73 | 10.07                | 11-04-82 | 8.09                 |
| 7-13-66  | 5.98                 | 3-12-74  | 9.98                 | 1-07-83  | 8.77                 |
| 8-13-66  | 6.02                 | 6-12-74  | 9.71                 | 3-11-83  | 9.06                 |
| 9-13-66  | 6.98                 | 7-31-74  | 10.73                | 5-19-83  | 9.16                 |
| 10-10-66 | 7.37                 | 10-08-74 | 12.39                | 7-21-83  | 8.35                 |
| 11-10-66 | 7.58                 | 1-16-75  | 12.07                | 9-29-83  | 7.58                 |
| 12-07-66 | 7.78                 | 3-26-75  | 11.67                | 1-05-84  | 7.53                 |
| 1-11-67  | 7.93                 | 7-01-75  | 10.50                | 3-05-84  | 5.20                 |
| 2-08-67  | 8.08                 | 10-07-75 | 11.70                | 5-16-84  | 5.40                 |
| 3-20-67  | 8.12                 | 12-17-75 | 11.57                | 7-12-84  | 5.48                 |
| 10-11-67 | 7.40                 | 3-09-76  | 11.59                | 10-04-84 | 5.45                 |
| 1-11-68  | 9.21                 | 5-28-76  | 11.40                | 11-08-84 | 5.58                 |

Table 140.--Ground-water levels, in feet,  
for well 380806102261100, SC22 45 14DBA

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 10-04-63 | 76.50                | 3-27-69  | 58.08                | 5-16-78  | 72.34                |
| 6-17-64  | 72.88                | 5-07-69  | 58.24                | 11-30-78 | 74.03                |
| 9-17-64  | 83.06                | 10-10-69 | 57.30                | 2-09-79  | 71.64                |
| 10-06-64 | 82.48                | 12-03-69 | 55.67                | 3-06-79  | 71.04                |
| 11-11-64 | 78.47                | 3-06-70  | 54.55                | 7-24-79  | 75.14                |
| 12-09-64 | 78.70                | 5-07-70  | 56.11                | 11-30-79 | 74.02                |
| 1-06-65  | 79.01                | 9-10-70  | 57.44                | 2-13-80  | 71.10                |
| 2-02-65  | 76.32                | 11-03-70 | 56.91                | 3-13-80  | 70.52                |
| 3-19-65  | 76.65                | 3-11-71  | 51.39                | 5-13-80  | 69.97                |
| 4-15-65  | 75.71                | 5-25-71  | 54.70                | 7-17-80  | 70.85                |
| 7-08-65  | 77.86                | 9-29-71  | 58.23                | 9-18-80  | 69.45                |
| 8-02-65  | 79.10                | 11-23-71 | 56.70                | 11-14-80 | 65.68                |
| 9-02-65  | 79.56                | 3-08-72  | 53.74                | 1-30-81  | 62.42                |
| 10-06-65 | 75.68                | 5-12-72  | 57.88                | 3-11-81  | 62.38                |
| 11-08-65 | 71.85                | 12-20-72 | 58.28                | 5-14-81  | 64.57                |
| 12-07-65 | 69.31                | 3-01-73  | 56.20                | 7-16-81  | 66.97                |
| 1-04-66  | 67.35                | 7-02-73  | 59.34                | 10-01-81 | 67.79                |
| 2-08-66  | 65.29                | 11-19-73 | 61.23                | 11-05-81 | 65.88                |
| 3-08-66  | 64.15                | 3-13-74  | 57.68                | 1-14-82  | 63.62                |
| 3-29-66  | 63.43                | 6-12-74  | 61.48                | 3-16-82  | 63.00                |
| 5-10-66  | 65.86                | 10-10-74 | 68.45                | 5-18-82  | 66.80                |
| 6-08-66  | 67.31                | 1-15-75  | 63.22                | 7-08-82  | 65.04                |
| 7-12-66  | 65.78                | 3-27-75  | 63.28                | 9-22-82  | 60.82                |
| 8-13-66  | 66.24                | 7-01-75  | 66.67                | 11-04-82 | 56.89                |
| 9-13-66  | 62.22                | 12-18-75 | 63.54                | 1-12-83  | 53.98                |
| 10-08-66 | 60.66                | 3-11-76  | 64.49                | 3-17-83  | 53.10                |
| 11-10-66 | 59.15                | 5-28-76  | 70.59                | 5-19-83  | 54.34                |
| 12-07-66 | 58.87                | 11-24-76 | 70.43                | 9-28-83  | 48.30                |
| 1-11-68  | 59.83                | 1-21-77  | 67.07                | 12-02-83 | 46.93                |
| 2-14-68  | 58.10                | 3-17-77  | 65.85                | 1-05-84  | 46.64                |
| 3-26-68  | 57.29                | 5-12-77  | 75.31                | 3-07-84  | 47.47                |
| 5-01-68  | 58.93                | 8-12-77  | 74.30                | 5-17-84  | 48.58                |
| 6-05-68  | 58.41                | 9-08-77  | 75.02                | 7-12-84  | 47.76                |
| 7-10-68  | 61.14                | 11-17-77 | 74.05                | 10-04-84 | 46.09                |
| 7-31-68  | 63.09                | 2-01-78  | 69.84                | 11-09-84 | 43.89                |
| 1-22-69  | 59.62                | 3-07-78  | 69.00                |          |                      |

Table 139.--Ground-water levels, in feet,  
for well 380651102285900, SC22 45 21CCC

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 4-18-64  | 6.54                 | 5-12-72  | 5.04                 | 11-30-79 | 5.64                 |
| 8-06-64  | 7.20                 | 7-14-72  | 5.10                 | 2-12-80  | 5.59                 |
| 10-06-64 | 7.48                 | 9-14-72  | 4.73                 | 3-13-80  | 5.56                 |
| 3-19-65  | 6.82                 | 12-20-72 | 5.33                 | 5-13-80  | 5.18                 |
| 6-14-65  | 6.45                 | 3-01-73  | 5.08                 | 7-17-80  | 4.12                 |
| 8-08-65  | 2.19                 | 5-16-73  | 4.16                 | 9-18-80  | 5.68                 |
| 11-11-65 | 4.80                 | 7-02-73  | 4.57                 | 11-14-80 | 5.60                 |
| 3-24-66  | 4.32                 | 9-20-73  | 5.44                 | 12-04-80 | 5.41                 |
| 10-13-66 | 4.62                 | 11-19-73 | 5.33                 | 1-30-81  | 5.99                 |
| 3-22-67  | 4.59                 | 3-13-74  | 4.34                 | 3-11-81  | 5.96                 |
| 10-03-67 | 4.70                 | 6-12-74  | 5.12                 | 5-14-81  | 5.68                 |
| 3-26-68  | 4.87                 | 8-01-74  | 6.03                 | 7-16-81  | 6.42                 |
| 5-01-68  | 4.75                 | 10-10-74 | 6.50                 | 10-01-81 | 6.13                 |
| 6-08-68  | 4.76                 | 1-15-75  | 4.35                 | 11-05-81 | 6.09                 |
| 7-10-68  | 5.08                 | 3-27-75  | 4.30                 | 1-14-82  | 6.11                 |
| 7-31-68  | 6.01                 | 7-02-75  | 3.97                 | 3-16-82  | 6.27                 |
| 1-22-69  | 5.15                 | 10-08-75 | 6.04                 | 5-18-82  | 5.43                 |
| 3-27-69  | 4.79                 | 12-18-75 | 5.18                 | 7-08-82  | 4.57                 |
| 5-07-69  | 4.21                 | 3-11-76  | 4.75                 | 9-22-82  | 5.74                 |
| 7-29-69  | 5.89                 | 5-28-76  | 4.76                 | 11-03-82 | 6.04                 |
| 8-26-69  | 4.87                 | 11-24-76 | 5.27                 | 1-12-83  | 5.70                 |
| 10-09-69 | 5.17                 | 5-12-77  | 5.04                 | 3-16-83  | 5.91                 |
| 12-03-69 | 4.62                 | 7-12-77  | 5.69                 | 5-19-83  | 4.97                 |
| 3-05-70  | 4.52                 | 8-12-77  | 5.57                 | 7-21-83  | 5.08                 |
| 5-07-70  | 4.62                 | 11-17-77 | 6.55                 | 9-29-83  | 4.93                 |
| 7-07-70  | 4.98                 | 2-01-78  | 5.62                 | 12-02-83 | 4.39                 |
| 9-10-70  | 5.52                 | 3-07-78  | 5.74                 | 1-05-84  | 4.48                 |
| 11-04-70 | 5.20                 | 5-17-78  | 5.25                 | 3-07-84  | 4.65                 |
| 3-11-71  | 4.45                 | 9-18-78  | 6.55                 | 5-17-84  | 5.07                 |
| 5-25-71  | 5.02                 | 11-30-78 | 6.25                 | 7-12-84  | 5.20                 |
| 7-13-71  | 5.04                 | 2-08-79  | 6.05                 | 10-04-84 | 4.52                 |
| 9-29-71  | 5.18                 | 3-06-79  | 6.68                 | 11-09-84 | 4.04                 |
| 11-23-71 | 4.28                 | 7-24-79  | 5.48                 |          |                      |
| 3-07-72  | 4.62                 | 10-04-79 | 6.44                 |          |                      |

Table 138.--Ground-water levels, in feet,  
for well 380532102311600, SC22 45 31CBB

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 10-13-55 | 2.53                 | 11-04-59 | 0.67                 | 7-12-66  | 1.77                 |
| 11-09-55 | 2.70                 | 3-09-60  | 1.30                 | 8-12-66  | 0.65                 |
| 1-13-56  | 3.20                 | 10-26-60 | 4.86                 | 9-12-66  | 0.60                 |
| 3-26-56  | 3.69                 | 4-11-61  | 3.98                 | 10-10-66 | 0.85                 |
| 4-30-56  | 2.91                 | 10-21-61 | 3.46                 | 11-12-66 | 0.75                 |
| 5-24-56  | 3.45                 | 3-27-62  | 3.72                 | 12-07-66 | 0.97                 |
| 7-04-56  | 4.19                 | 10-31-62 | 2.25                 | 1-11-67  | 1.70                 |
| 8-01-56  | 4.08                 | 3-29-63  | 3.26                 | 2-08-67  | 2.15                 |
| 9-05-56  | 3.62                 | 10-01-63 | 4.55                 | 3-08-67  | 2.32                 |
| 10-04-56 | 4.20                 | 11-07-63 | 3.49                 | 3-22-67  | 2.70                 |
| 11-01-56 | 4.23                 | 1-08-64  | 1.68                 | 3-28-67  | 2.55                 |
| 12-08-56 | 4.17                 | 3-04-64  | 2.26                 | 4-26-67  | 0.95                 |
| 1-17-57  | 4.05                 | 4-11-64  | 2.45                 | 8-24-67  | 0.10                 |
| 2-12-57  | 4.06                 | 4-27-64  | 2.70                 | 9-20-67  | 0.10                 |
| 3-12-57  | 4.15                 | 5-05-64  | 2.92                 | 10-02-67 | 0.30                 |
| 4-11-57  | 4.23                 | 6-02-64  | 2.05                 | 10-06-67 | 2.14                 |
| 5-15-57  | 3.65                 | 6-30-64  | 3.40                 | 11-20-67 | 2.10                 |
| 6-20-57  | 3.80                 | 7-28-64  | 5.35                 | 12-13-67 | 2.80                 |
| 7-12-57  | 4.14                 | 8-31-64  | 5.68                 | 1-10-68  | 3.44                 |
| 8-12-57  | 3.48                 | 10-06-64 | 5.20                 | 2-14-68  | 2.73                 |
| 9-20-57  | 2.22                 | 11-11-64 | 4.69                 | 3-25-68  | 4.11                 |
| 10-16-57 | 2.06                 | 12-09-64 | 5.15                 | 5-01-68  | 5.52                 |
| 11-09-57 | 2.18                 | 1-06-65  | 5.48                 | 6-05-68  | 3.12                 |
| 11-25-57 | 2.36                 | 2-02-65  | 4.98                 | 7-10-68  | 3.28                 |
| 12-11-57 | 2.60                 | 3-19-65  | 4.84                 | 7-31-68  | 4.74                 |
| 1-15-58  | 3.10                 | 4-15-65  | 4.36                 | 8-26-68  | 5.33                 |
| 2-11-58  | 3.30                 | 5-03-65  | 6.00                 | 9-06-68  | 4.95                 |
| 3-04-58  | 3.43                 | 6-09-65  | 5.35                 | 9-30-68  | 3.65                 |
| 4-01-58  | 3.40                 | 7-08-65  | 2.26                 | 11-06-68 | 3.75                 |
| 4-29-58  | 3.66                 | 8-02-65  | 1.72                 | 1-21-69  | 4.41                 |
| 6-06-58  | 3.50                 | 9-03-65  | 0.74                 | 3-24-69  | 4.70                 |
| 7-09-58  | 3.43                 | 10-06-65 | 0.48                 | 5-07-69  | 4.22                 |
| 8-06-58  | 3.23                 | 11-09-65 | 0.93                 | 7-29-69  | 4.52                 |
| 8-30-58  | 2.54                 | 12-07-65 | 1.20                 | 10-06-69 | 3.10                 |
| 10-03-58 | 1.74                 | 1-04-66  | 1.23                 | 12-03-69 | 3.89                 |
| 10-30-58 | 1.86                 | 2-07-66  | 1.16                 | 3-05-70  | 3.67                 |
| 1-06-59  | 2.94                 | 3-07-66  | 1.30                 | 5-06-70  | 4.09                 |
| 2-03-59  | 3.11                 | 3-29-66  | 1.80                 | 7-07-70  | 2.31                 |
| 3-02-59  | 3.24                 | 5-09-66  | 2.58                 | 9-10-70  | 3.34                 |
| 4-06-59  | 3.48                 | 6-08-66  | 1.34                 | 11-03-70 | 3.83                 |

Table 138.--Ground-water levels, in feet, for well 380532102311600,  
SC22 45 31CBB--Continued

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 3-08-71  | 4.54                 | 3-11-76  | 4.85                 | 1-30-81  | 3.92                 |
| 5-25-71  | 5.07                 | 5-28-76  | 4.98                 | 3-12-81  | 4.01                 |
| 7-13-71  | 4.59                 | 11-24-76 | 4.28                 | 5-14-81  | 4.05                 |
| 9-29-71  | 3.15                 | 1-21-77  | 5.34                 | 7-16-81  | 4.04                 |
| 11-23-71 | 1.62                 | 3-16-77  | 5.41                 | 9-30-81  | 3.89                 |
| 3-10-72  | 3.55                 | 5-12-77  | 4.30                 | 11-04-81 | 3.90                 |
| 5-11-72  | 2.74                 | 7-12-77  | 5.07                 | 1-13-82  | 4.00                 |
| 7-13-72  | 3.53                 | 8-12-77  | 5.25                 | 3-17-82  | 4.06                 |
| 9-14-72  | 2.66                 | 11-17-77 | 5.69                 | 5-14-82  | 4.07                 |
| 12-20-72 | 3.84                 | 1-31-78  | 6.77                 | 7-08-82  | 4.02                 |
| 2-27-73  | 4.29                 | 3-07-78  | 5.58                 | 9-22-82  | 3.90                 |
| 5-15-73  | 3.86                 | 5-16-78  | 5.25                 | 11-04-82 | 3.78                 |
| 7-02-73  | 1.61                 | 9-19-78  | 5.30                 | 1-07-83  | 3.82                 |
| 9-19-73  | 3.29                 | 2-08-79  | 5.65                 | 3-10-83  | 3.88                 |
| 11-19-73 | 3.84                 | 3-06-79  | 5.43                 | 5-19-83  | 3.86                 |
| 3-12-74  | 4.04                 | 7-24-79  | 4.55                 | 7-21-83  | 11.71                |
| 6-12-74  | 2.26                 | 10-04-79 | 4.94                 | 9-29-83  | 10.34                |
| 8-01-74  | 5.97                 | 11-30-79 | 4.81                 | 12-01-83 | 5.83                 |
| 10-09-74 | 5.80                 | 2-07-80  | 4.79                 | 1-04-84  | 5.74                 |
| 1-14-75  | 4.84                 | 3-12-80  | 4.72                 | 3-05-84  | 5.54                 |
| 3-26-75  | 4.41                 | 5-14-80  | 4.37                 | 5-16-84  | 5.18                 |
| 7-01-75  | 2.35                 | 7-17-80  | 3.88                 | 7-12-84  | 5.08                 |
| 10-07-75 | 4.25                 | 9-18-80  | 3.83                 | 10-04-84 | 4.85                 |
| 12-19-75 | 4.52                 | 11-13-80 | 3.99                 | 11-08-84 | 4.48                 |



Table 141.--Ground-water levels, in feet,  
for well 380558102220800, SC22 ~~44~~ 33BAB

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 1-11-67  | 8.33                 | 9-14-72  | 9.97                 | 11-30-79 | 8.04                 |
| 2-08-67  | 8.33                 | 12-20-72 | 9.53                 | 2-07-80  | 8.49                 |
| 3-22-67  | 8.56                 | 3-01-73  | 9.20                 | 3-12-80  | 8.47                 |
| 10-02-67 | 7.66                 | 3-11-74  | 9.10                 | 5-14-80  | 8.54                 |
| 1-10-68  | 8.22                 | 6-12-74  | 8.19                 | 7-17-80  | 8.40                 |
| 3-14-68  | 8.29                 | 8-01-74  | 9.70                 | 9-18-80  | 8.19                 |
| 3-26-68  | 8.22                 | 10-10-74 | 10.58                | 12-03-80 | 8.07                 |
| 5-01-68  | 8.10                 | 1-29-75  | 10.80                | 1-30-81  | 8.06                 |
| 6-06-68  | 8.21                 | 3-26-75  | 10.64                | 3-12-81  | 8.96                 |
| 7-10-68  | 8.59                 | 7-02-75  | 10.54                | 5-14-81  | 8.16                 |
| 7-31-68  | 8.17                 | 10-07-75 | 10.60                | 7-16-81  | 8.56                 |
| 1-21-69  | 8.63                 | 12-19-75 | 11.23                | 10-01-81 | 9.02                 |
| 3-25-69  | 8.60                 | 3-11-76  | 10.94                | 11-04-81 | 9.09                 |
| 5-07-69  | 8.41                 | 5-28-76  | 10.81                | 1-13-82  | 9.16                 |
| 8-26-69  | 8.32                 | 11-24-76 | 12.63                | 3-17-82  | 9.18                 |
| 10-07-69 | 8.25                 | 1-21-77  | 11.93                | 5-14-82  | 9.20                 |
| 12-03-69 | 8.39                 | 3-16-77  | 11.43                | 7-08-82  | 8.95                 |
| 3-04-70  | 8.47                 | 5-12-77  | 11.09                | 9-22-82  | 8.59                 |
| 5-07-70  | 8.14                 | 7-12-77  | 11.07                | 11-03-82 | 8.33                 |
| 7-07-70  | 8.87                 | 8-12-77  | 11.40                | 1-12-83  | 8.32                 |
| 9-10-70  | 9.08                 | 11-17-77 | 10.65                | 3-09-83  | 8.34                 |
| 11-03-70 | 8.95                 | 1-31-78  | 11.20                | 5-19-83  | 8.30                 |
| 3-11-71  | 8.48                 | 3-08-78  | 11.13                | 7-21-83  | 10.15                |
| 5-25-71  | 9.15                 | 5-16-78  | 10.15                | 9-29-83  | 9.18                 |
| 7-14-71  | 9.50                 | 9-19-78  | 11.00                | 12-02-83 | 8.74                 |
| 9-29-71  | 10.60                | 11-30-78 | 11.70                | 1-05-84  | 8.65                 |
| 11-23-71 | 9.56                 | 2-08-79  | 11.56                | 3-06-84  | 8.50                 |
| 3-10-72  | 8.80                 | 3-07-79  | 11.42                | 5-17-84  | 8.36                 |
| 5-11-72  | 9.32                 | 7-24-79  | 6.86                 | 7-12-84  | 8.01                 |
| 7-13-72  | 9.29                 | 10-04-79 | 7.60                 | 11-08-84 | 6.71                 |

Table 142.--Ground-water levels, in feet,  
for well 380338102130901, SC23 43 11DCB

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 10-01-63 | 8.00                 | 7-10-68  | 7.45                 | 11-17-77 | 10.45                |
| 1-08-64  | 8.05                 | 7-31-68  | 6.90                 | 1-31-78  | 10.75                |
| 3-04-64  | 8.16                 | 1-22-69  | 7.98                 | 3-08-78  | 10.27                |
| 4-06-64  | 7.68                 | 3-25-69  | 7.92                 | 5-16-78  | 10.17                |
| 5-05-64  | 9.10                 | 5-07-69  | 7.90                 | 9-18-78  | 10.12                |
| 6-02-64  | 7.25                 | 7-29-69  | 7.12                 | 11-30-78 | 11.33                |
| 6-29-64  | 6.70                 | 10-08-69 | 7.42                 | 2-08-79  | 11.21                |
| 7-22-64  | 8.14                 | 12-03-69 | 7.91                 | 3-09-79  | 10.61                |
| 10-06-64 | 10.13                | 3-03-70  | 8.05                 | 7-24-79  | 8.59                 |
| 12-08-64 | 9.81                 | 5-06-70  | 7.67                 | 10-04-79 | 8.90                 |
| 1-05-65  | 9.23                 | 7-07-70  | 7.11                 | 11-30-79 | 9.79                 |
| 2-02-65  | 8.98                 | 9-10-70  | 6.60                 | 2-08-80  | 9.23                 |
| 3-20-65  | 8.81                 | 11-03-70 | 7.74                 | 3-13-80  | 8.83                 |
| 5-07-65  | 9.39                 | 3-10-71  | 7.90                 | 5-14-80  | 7.43                 |
| 6-09-65  | 8.90                 | 5-25-71  | 7.40                 | 7-17-80  | 5.78                 |
| 7-07-65  | 6.08                 | 7-13-71  | 7.35                 | 9-18-80  | 6.22                 |
| 8-01-65  | 7.32                 | 9-29-71  | 6.48                 | 11-13-80 | 7.51                 |
| 9-03-65  | 6.09                 | 11-23-71 | 7.79                 | 1-30-81  | 7.99                 |
| 10-06-65 | 6.94                 | 3-08-72  | 7.84                 | 5-14-81  | 7.05                 |
| 11-08-65 | 7.61                 | 5-12-72  | 7.04                 | 7-16-81  | 8.45                 |
| 12-07-65 | 7.80                 | 7-13-72  | 6.71                 | 10-01-81 | 7.12                 |
| 1-04-66  | 7.62                 | 9-14-72  | 7.22                 | 11-04-81 | 7.23                 |
| 2-07-66  | 7.33                 | 12-20-72 | 7.88                 | 1-13-82  | 7.97                 |
| 3-07-66  | 7.31                 | 3-01-73  | 8.15                 | 3-17-82  | 8.10                 |
| 3-29-66  | 7.78                 | 5-15-73  | 8.68                 | 5-14-82  | 7.63                 |
| 5-09-66  | 7.13                 | 7-02-73  | 5.68                 | 7-08-82  | 6.69                 |
| 6-07-66  | 7.25                 | 9-19-73  | 7.46                 | 9-22-82  | 7.57                 |
| 7-12-66  | 7.50                 | 11-19-73 | 7.77                 | 11-03-82 | 6.94                 |
| 8-12-66  | 7.03                 | 3-12-74  | 7.83                 | 1-07-83  | 7.60                 |
| 9-12-66  | 7.17                 | 6-12-74  | 7.07                 | 3-09-83  | 7.65                 |
| 10-10-66 | 7.45                 | 1-14-75  | 8.99                 | 5-19-83  | 6.92                 |
| 11-11-66 | 8.04                 | 3-27-75  | 7.99                 | 7-21-83  | 6.93                 |
| 12-07-66 | 7.80                 | 7-01-75  | 7.65                 | 12-02-83 | 6.93                 |
| 1-11-67  | 7.76                 | 10-08-75 | 9.15                 | 1-04-84  | 6.74                 |
| 2-08-67  | 8.09                 | 12-17-75 | 8.80                 | 3-06-84  | 7.39                 |
| 3-21-67  | 8.46                 | 3-11-76  | 9.00                 | 5-17-84  | 7.10                 |
| 10-02-67 | 7.26                 | 5-27-76  | 8.90                 | 7-12-84  | 6.03                 |
| 1-10-68  | 7.76                 | 11-24-76 | 10.78                | 10-04-84 | 5.82                 |
| 2-14-68  | 8.03                 | 3-15-77  | 9.72                 | 11-08-84 | 6.50                 |
| 5-01-68  | 7.30                 | 5-12-77  | 8.41                 |          |                      |
| 6-06-68  | 7.59                 | 8-12-77  | 10.22                |          |                      |

Table 143.--Ground-water levels, in feet,  
for well 380218102042000, SC23 41 19BDA

| Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water | Date     | Depth<br>to<br>water |
|----------|----------------------|----------|----------------------|----------|----------------------|
| 12-10-63 | 4.00                 | 2-14-68  | 2.62                 | 11-24-76 | 3.88                 |
| 1-08-64  | 3.85                 | 3-28-68  | 2.62                 | 1-21-77  | 2.88                 |
| 2-05-64  | 3.80                 | 5-01-68  | 2.32                 | 3-16-77  | 3.20                 |
| 3-04-64  | 3.77                 | 6-06-68  | 2.48                 | 5-12-77  | 3.39                 |
| 4-06-64  | 3.76                 | 7-10-68  | 3.06                 | 7-12-77  | 4.23                 |
| 5-05-64  | 3.86                 | 7-31-68  | 3.03                 | 8-12-77  | 4.19                 |
| 6-02-64  | 1.60                 | 1-21-69  | 2.63                 | 11-17-77 | 4.05                 |
| 6-29-64  | 4.23                 | 3-27-69  | 2.40                 | 1-31-78  | 3.89                 |
| 7-27-64  | 4.89                 | 5-07-69  | 2.27                 | 5-17-78  | 5.09                 |
| 8-31-64  | 5.36                 | 7-29-69  | 3.03                 | 9-18-78  | 6.18                 |
| 10-06-64 | 5.07                 | 8-26-69  | 3.97                 | 2-03-79  | 5.32                 |
| 11-10-64 | 4.60                 | 10-08-69 | 2.55                 | 3-07-79  | 5.06                 |
| 12-08-64 | 4.46                 | 12-03-69 | 2.60                 | 11-30-79 | 5.01                 |
| 1-05-65  | 4.38                 | 3-03-70  | 2.58                 | 2-08-80  | 5.30                 |
| 2-01-65  | 4.30                 | 5-07-70  | 2.27                 | 3-11-80  | 5.07                 |
| 3-20-65  | 4.20                 | 7-07-70  | 3.58                 | 5-14-80  | 3.51                 |
| 4-15-65  | 4.20                 | 9-10-70  | 3.45                 | 7-17-80  | 4.40                 |
| 5-07-65  | 4.48                 | 11-03-70 | 3.02                 | 9-18-80  | 5.31                 |
| 6-09-65  | 4.68                 | 3-10-71  | 2.73                 | 11-14-80 | 5.40                 |
| 7-07-65  | 2.13                 | 5-25-71  | 2.99                 | 1-30-81  | 5.04                 |
| 8-01-65  | 3.48                 | 7-13-71  | 3.76                 | 3-17-81  | 4.92                 |
| 9-03-65  | 2.63                 | 9-29-71  | 3.39                 | 5-14-81  | 4.87                 |
| 10-06-65 | 3.80                 | 11-23-71 | 2.99                 | 7-16-81  | 5.33                 |
| 11-08-65 | 3.77                 | 3-07-72  | 2.76                 | 10-01-81 | 5.06                 |
| 12-07-65 | 3.95                 | 5-12-72  | 2.75                 | 11-04-81 | 5.26                 |
| 1-04-66  | 3.79                 | 9-14-72  | 2.90                 | 1-13-82  | 5.21                 |
| 2-07-66  | 3.53                 | 12-20-72 | 3.06                 | 3-17-82  | 4.98                 |
| 3-07-66  | 3.33                 | 2-27-73  | 2.87                 | 5-14-82  | 4.98                 |
| 3-29-66  | 3.75                 | 5-15-73  | 2.49                 | 7-08-82  | 5.00                 |
| 5-09-66  | 3.42                 | 9-19-73  | 3.47                 | 9-22-82  | 5.06                 |
| 6-07-66  | 3.82                 | 11-19-73 | 2.90                 | 11-03-82 | 5.00                 |
| 7-12-66  | 3.88                 | 3-12-74  | 2.54                 | 1-07-83  | 4.85                 |
| 9-12-66  | 3.90                 | 6-12-74  | 3.35                 | 3-11-83  | 4.64                 |
| 10-10-66 | 3.75                 | 8-01-74  | 4.22                 | 5-19-83  | 4.00                 |
| 11-11-66 | 3.87                 | 10-10-74 | 3.79                 | 7-21-83  | 4.67                 |
| 12-07-66 | 3.63                 | 1-01-75  | 2.52                 | 9-29-83  | 4.51                 |
| 1-11-67  | 3.62                 | 1-15-75  | 3.10                 | 1-04-84  | 4.15                 |
| 2-08-67  | 3.70                 | 3-27-75  | 2.60                 | 3-07-84  | 4.02                 |
| 3-20-67  | 3.86                 | 10-08-75 | 3.77                 | 5-17-84  | 3.82                 |
| 8-30-67  | 2.86                 | 12-17-75 | 3.50                 | 7-12-84  | 3.85                 |
| 10-02-67 | 2.69                 | 3-11-76  | 3.39                 | 10-04-84 | 3.59                 |
| 1-10-68  | 2.34                 | 5-27-76  | 4.99                 | 11-08-84 | 3.57                 |