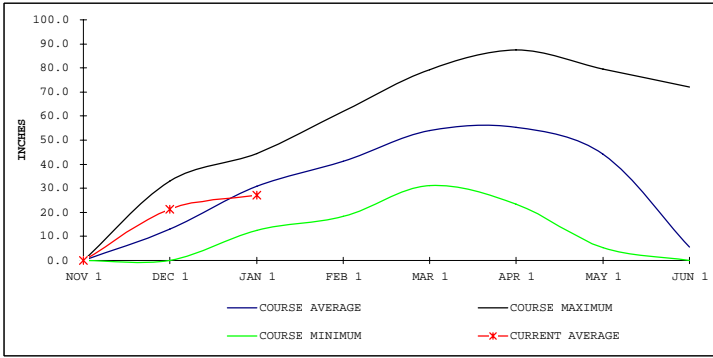
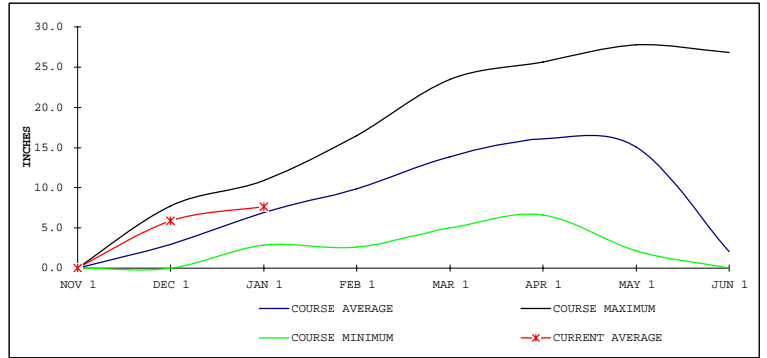


# CITY OF GRAND JUNCTION WATER SUPPLY - GRAND MESA DECEMBER SNOWFALL SUMMARY



**SNOW DEPTH**



**WATER CONTENT**

| SNOW COURSE SITES       | DECEMBER<br>1988 thru 2005 Data |                   |                   |                    | DECEMBER<br>1988 thru 2005 Data |                   |                   |                    |
|-------------------------|---------------------------------|-------------------|-------------------|--------------------|---------------------------------|-------------------|-------------------|--------------------|
|                         | CURRENT<br>SNOW<br>DEPTH        | AVERAGE<br>INCHES | MAXIMUM<br>INCHES | MINIMUM<br>INCHES  | CURRENT<br>WATER<br>CONTENT     | AVERAGE<br>INCHES | MAXIMUM<br>INCHES | MINIMUM<br>INCHES  |
| SCALES RESERVOIR        | 33.5                            | 44.4              | 63.0              | 19.0               | 9.0                             | 10.5              | 17.5              | 5.0                |
| GRAND MESA #9 RESERVOIR | 31.0                            | 36.7              | 58.0              | 17.5               | 9.5                             | 8.2               | 15.5              | 4.0                |
| CARSON RESERVOIR        | 30.0                            | 33.1              | 47.0              | 14.0               | 9.0                             | 7.2               | 11.5              | 3.0                |
| GRAND MESA #1 RESERVOIR | 32.0                            | 34.5              | 53.0              | 17.0               | 9.0                             | 8.0               | 14.0              | 4.0                |
| DEEP CREEK RESERVOIR    | 28.0                            | 31.9              | 49.0              | 12.5               | 9.0                             | 7.4               | 13.0              | 3.0                |
| ANDERSON #2 RESERVOIR   | 26.0                            | 34.2              | 50.0              | 16.5               | 7.0                             | 6.9               | 13.0              | 3.0                |
| ANDERSON #6 RESERVOIR   | 21.0                            | 22.9              | 39.0              | 7.0                | 5.0                             | 5.0               | 9.0               | 2.0                |
| SOMERVILLE RESERVOIR    | 21.0                            | 22.6              | 39.0              | 7.0                | 5.5                             | 4.8               | 9.0               | 2.0                |
| FLOWING PARK RESERVOIR  | 28.0                            | 30.4              | 42.0              | 11.5               | 7.0                             | 6.7               | 11.0              | 2.0                |
| CHAMBERS RESERVOIR      | 22.0                            | 19.5              | 34.5              | 3.0                | 6.0                             | 4.9               | 9.5               | 1.0                |
| <b>COURSE AVERAGE</b>   | <b>27.3</b>                     | <b>30.9</b>       | <b>88%</b>        | Percent of Average | <b>7.6</b>                      | <b>6.9</b>        | <b>110%</b>       | Percent of Average |
| <b>SURVEY DATE</b>      | <b>January 4, 2007</b>          |                   |                   |                    |                                 |                   |                   |                    |

N/A = Data not available due to weather, snow conditions or equipment problems.

COMMENTS: Data compiled from snow surveys from 1988/1989 snow year through and including 2005/2006 data.

Course Maximum and Course Minimums are the maximum and minimum monthly averages of all 10 data sites for month plotted.

|                 | OCTOBER<br>SNOW<br>NOV 1 | NOVEMBER<br>SNOW<br>DEC 1 | DECEMBER<br>SNOW<br>JAN 1 | JANUARY<br>SNOW<br>FEB 1 | FEBRUARY<br>SNOW<br>MAR 1 | MARCH<br>SNOW<br>APR 1 | APRIL<br>SNOW<br>MAY 1 | MAY<br>SNOW<br>JUN 1 |
|-----------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|------------------------|------------------------|----------------------|
| COURSE AVERAGE  | 0.0                      | 12.9                      | 30.9                      | 41.2                     | 54.1                      | 55.3                   | 44.1                   | 5.5                  |
| COURSE MAXIMUM  | 0.0                      | 33.0                      | 44.4                      | 62.0                     | 79.2                      | 87.6                   | 79.7                   | 72.1                 |
| COURSE MINIMUM  | 0.0                      | 0.0                       | 12.5                      | 18.4                     | 31.0                      | 23.3                   | 5.3                    | 0.0                  |
| CURRENT AVERAGE | 0.0                      | 21.4                      | 27.3                      |                          |                           |                        |                        |                      |

| AVERAGES | NOV<br>SNOW | DEC<br>SNOW | JAN<br>SNOW | FEB<br>SNOW | MAR<br>SNOW | APR<br>SNOW | MAY<br>SNOW |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 88/89    | 0.0         | 36.6        | 38.2        | 48.4        | 48.7        | 25.2        | 0.0         |
| 89/90    | 0.0         | 12.5        | 18.4        | 31.0        | 29.4        | 29.7        | 0.0         |
| 90/91    | 0.0         | 32.7        | 35.5        | 47.2        | 66.5        | 61.8        | 0.0         |
| 91/92    | 33.0        | 41.4        | 38.9        | 69.3        | 67.6        | 35.4        | 0.0         |
| 92/93    | 27.6        | 33.5        | 57.6        | 79.2        | 87.6        | 79.7        | 0.0         |
| 93/94    | 0.0         | 24.9        | 36.5        | 44.0        | 57.5        | 37.2        | 0.0         |
| 94/95    | 30.0        | 37.8        | 48.6        | 75.0        | 62.7        | 73.7        | 72.1        |
| 95/96    | 0.0         | 26.4        | 48.0        | 62.4        | 52.8        | 45.1        | 0.0         |
| 96/97    | 23.5        | 41.6        | 62.0        | 65.2        | 63.8        | 45.8        | 0.0         |
| 97/98    | 0.0         | 33.2        | 42.6        | 59.8        | 68.6        | 56.1        | N/A         |
| 98/99    | 0.0         | 20.6        | 32.2        | 32.7        | 23.3        | 48.6        | N/A         |
| 99/00    | 0.0         | 23.1        | 35.2        | 46.2        | 52.2        | 26.1        | N/A         |
| 00/01    | 12.3        | 21.8        | 32.2        | 43.1        | 43.0        | 34.4        | 0.0         |
| 01/02    | 21.1        | 24.7        | 27.4        | 38.2        | 32.1        | 5.3         | 0.0         |
| 02/03    | 17.0        | 28.1        | 34.5        | 58.7        | 54.1        | 40.4        | 0.0         |
| 03/04    | 17.4        | 43.5        | 53.4        | 63.7        | 43.8        | 46.7        | 0.0         |
| 04/05    | 30.1        | 44.4        | 56.3        | 71.2        | 83.6        | 67.8        | N/A         |
| 05/06    | 20.8        | 29.9        | 45.1        | 39.2        | 58.9        | 34.1        | N/A         |

|                 | OCTOBER<br>WATER<br>NOV 1 | NOVEMBER<br>WATER<br>DEC 1 | DECEMBER<br>WATER<br>JAN 1 | JANUARY<br>WATER<br>FEB 1 | FEBRUARY<br>WATER<br>MAR 1 | MARCH<br>WATER<br>APR 1 | APRIL<br>WATER<br>MAY 1 | MAY<br>WATER<br>JUN 1 |
|-----------------|---------------------------|----------------------------|----------------------------|---------------------------|----------------------------|-------------------------|-------------------------|-----------------------|
| COURSE AVERAGE  | 0.0                       | 2.9                        | 6.9                        | 9.8                       | 13.8                       | 16.1                    | 15.1                    | 2.1                   |
| COURSE MAXIMUM  | 0.0                       | 7.7                        | 10.9                       | 16.5                      | 23.5                       | 25.6                    | 27.8                    | 26.8                  |
| COURSE MINIMUM  | 0.0                       | 0.0                        | 2.9                        | 2.6                       | 5.1                        | 6.6                     | 2.2                     | 0.0                   |
| CURRENT AVERAGE | 0.0                       | 5.9                        | 7.6                        |                           |                            |                         |                         |                       |

| AVERAGES | NOV<br>WATER | DEC<br>WATER | JAN<br>WATER | FEB<br>WATER | MAR<br>WATER | APR<br>WATER | MAY<br>WATER |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 88/89    | 0.0          | N/A          | N/A          | 13.6         | 16.9         | 10.1         | 0.0          |
| 89/90    | 0.0          | 2.9          | 2.6          | 5.1          | 7.8          | 9.7          | 0.0          |
| 90/91    | 0.0          | 6.6          | 6.7          | 8.3          | 14.5         | 17.2         | 0.0          |
| 91/92    | 5.3          | 7.5          | 10.1         | 13.8         | 20.2         | 11.7         | 0.0          |
| 92/93    | 7.1          | 9.2          | 12.9         | 19.4         | 24.4         | 27.8         | 0.0          |
| 93/94    | 0.0          | 6.1          | 8.9          | 11.9         | 13.8         | 12.5         | 0.0          |
| 94/95    | 7.7          | 10.0         | 12.8         | 19.9         | 25.6         | 26.0         | 26.8         |
| 95/96    | 0.0          | 4.9          | 9.7          | 15.2         | 15.6         | 16.7         | 0.0          |
| 96/97    | 5.3          | 10.9         | 16.5         | 18.7         | 19.8         | 18.0         | 0.0          |
| 97/98    | 0.0          | 6.8          | 10.0         | 15.2         | 17.7         | 19.3         | N/A          |
| 98/99    | 0.0          | 4.3          | 7.5          | 9.2          | 6.6          | 13.0         | N/A          |
| 99/00    | 0.0          | 3.6          | 7.0          | 13.2         | 18.0         | 12.1         | N/A          |
| 00/01    | 2.7          | 4.9          | 6.9          | 10.4         | 12.1         | 12.3         | 0.0          |
| 01/02    | 4.5          | 6.8          | 8.3          | 9.2          | 8.8          | 2.2          | 0.0          |
| 02/03    | 3.8          | 5.8          | 6.7          | 11.6         | 14.0         | 12.5         | 0.0          |
| 03/04    | 4.5          | 9.6          | 15.1         | 19.2         | 16.0         | 17.6         | 0.0          |
| 04/05    | 7.3          | 10.2         | 13.5         | 23.5         | 23.2         | 20.0         | N/A          |
| 05/06    | 4.7          | 7.4          | 12.2         | 11.8         | 15.4         | 12.6         | N/A          |