FOREIGN DIVERSIONS

Grand River Ditch
Michigan Ditch
Cameron Pass Ditch
Skyline ditch
Larimie Poudre Tunnel
Bob Creek Ditch
Deadman Ditch

George Varra
Dist. 3 River Commissioner
484-1628

NORTH FORK CACHE LA POUDRE RIVER

Worster Reservoir
Halligan Reservoir
North Poudre Canal
Seaman Reservoir

MAIN DITCHES ON THE POUDRE

North Poudre Supply Canal (Munroe)
City of Fort Collins

North Fork CLP meets the main stem of the Poudre

Poudre Valley Canal
Canon Gage - CLAFTCCO
City of Greeley
Pleasant Valley and Lake Canal

Horsetooth Reservoir water to the poudre

Larimer County Canal (Water Supply and Storage)
Dry Creek Ditch (Jackson)
New Mercer - NEWMERCO
Larimer County No. 2 - LARNO2CO
Little Cache (also fills Terry Lake)
Taylor and Gill
Ft. Collins Supply Canal (Arthur)
Larimer and Weld Canal (Eaton Ditch) - LAWIRRCO
Lake Canal

COLEGE AVENUE

Coy
Fort Collins Gage - USGS - CLAFORCO
Boxelder Ditch
Fossil Creek Inlet Canal (fills fossil Creek Reservoir)
Fossil Creek Reservoir

1-25
New Cache (Greeley no. 2) - CLAIRRCO
Whitney
BH Eaton
Jones
Greeley Canal No. 3 - CANCAL3CO
Boyd and Freeman
Ogilvy
Greeley Gage - CLAGRECO
Poudre Meets the S. Platte

Good map
Source with Ditch

Larimer County
1:50 000 scale
topographic map
Geological Survey maps
TABLE OF EQUIVALENTS

1 gallon (gal.) = 231 cubic inches
- 0.137 cubic feet.
1 gallon of water weighs 8.33 pounds.
1 million gallons (mg.) = 3.0689 acre feet.
1 cubic foot (cu. ft.) = 1728 cubic inches.
- 7.48 gallons.
1 cubic foot of water weighs 62.4 pounds.
1 acre foot (ac. ft.) - amount of water required to
cover one acre one foot deep.
- 43,560 cubic feet.
- 325,850 gallons.
- 12 acre inches.
1 gallon per minute (g.p.m.) = 0.00223 cubic feet
per second.
- 1440 gallons per day
(24 hrs.).
1 million gallons per 24 hours (m.g.d.) = 1.547
cubic feet per second.
- 695 gallons per minute.
1 cubic foot per second (cfs.)
- 7.48 gallons per second.
- 448.8 gallons per minute.
- 646.272 gallons per day (24 Hrs.).
- 992 acre inch per hour.
- 1,983 acre feet per day (24 hrs.).
- 40 miner's inches legal value) in Arizona,
California, Montana, Nevada and Oregon.
- 50 miner's inches (legal value) in Idaho,
Kansas, Nebraska, New Mexico, North
Dakota, South Dakota and Utah.
- 38.4 miner's inches in Colorado.
- 35.7 miner's inches in British Columbia.

1 miner's inch (mi.in.)
- 11.25 Gallons per minute when equivalent
to 1/40 second foot.
- 9 gallons per minute when equivalent
to 1/50 second foot.

Web site for flows on the Poudre is:

www.dwr.state.co.us/surfacewater

A map of Colorado will appear, click on the South Platte. On the right side under water
districts click on 3 Cache La Poudre. Then click on CLAFTCCO, Cache La Poudre
River at the Canyon Mouth. A graph will appear, the line is what is happening now, the
diamonds on the days, is the historic average for that day. On the right side click on
provisional, this shows 15 minute data. This measuring point is 1 1/2 miles west of Teds
Place.
### Cache La Poudre Basin Snowpack Report
**March 1, 2012**

<table>
<thead>
<tr>
<th>DWR Snow Courses</th>
<th>2012 SWE</th>
<th>Historic Average</th>
<th>% of Average</th>
<th>% of Last Year</th>
<th>Average Depth</th>
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<tbody>
<tr>
<td>Deadman Hill</td>
<td>13.6</td>
<td>12.0</td>
<td>113</td>
<td>79</td>
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<td>Joe Wright Snotel</td>
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<td>17.3</td>
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<td>Long Draw</td>
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<td>Hourglass</td>
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<td>Lost Lake</td>
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<td>9.6</td>
<td>94</td>
<td>66</td>
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<tr>
<td>Bennett Creek</td>
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<td>117</td>
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<tr>
<td>Chambers Hill</td>
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<tr>
<td>Red Feather</td>
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<td>156</td>
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**Basin Average**

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<th></th>
<th>102%</th>
<th>71%</th>
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<tr>
<th>NRCS Snow Courses</th>
<th>2012 SWE</th>
<th>30 yr Average</th>
<th>% of Average</th>
<th>% of Last Year</th>
<th>Average Depth</th>
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<tr>
<td>Cameron Pass</td>
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<td>Deadman Hill Snotel</td>
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<td>Chambers Lake</td>
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<td>Big South</td>
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<td>55</td>
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**Basin Average**

<table>
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<tr>
<th></th>
<th>93%</th>
<th>63%</th>
</tr>
</thead>
</table>

SWE (Snow Water Equivalent) Inches of Water

Internet Address for snotel sites: ftp://ftp.wcc.nrcs.usda.gov/data/snow/update/co.txt