

FOREIGN DIVERSIONS

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

George Varra
Dist. 3 River Commissioner
484-1628

Deadman Ditch

NORTH FORK CACHE LA POUFRE RIVER

Joe Wright Res.

Long Draw Res. Below long draw LAPLODCO

Chambers Lake

Greeley Reservoirs

Worster Reservoir

Halligan Reservoir

North Poudre Canal

Seaman Reservoir

MAIN DITCHS ON THE POUFRE

North Poudre Supply Canal (Munroe)

City of Fort Collins - #1 right on Poudre Yonga Ditch

North Fork CLP meets the main stem of the Poudre

Poudre Valley Canal

Canon Gage - CLAFTRCO

City of Greeley

Pleasant Valley and Lake Canal

Horsetooth Reservoir water to the poufre

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

COLLEGE AVENUE

Coy

Fort Collins Gage - USGS - CLAFORCO

Boxelder Ditch

Fossil Creek Inlet Canal (fills fossil Creek Reservoir)

Fossil Creek Reservoir

I-25

New Cache (Greeley no. 2) - CLAIRRCO

Whitney

BH Eaton

Jones

Greeley Canal No. 3 - CANCEL3CO

Boyd and Freeman

Ogilvy

Greeley Gage - CLAGRECO

Poudre Meets the S. Platte

GOOD MAP
Source
with Ditch
is

Larimer County
1:50 000 scale
topographic MAP

Geological Survey
4 MAPS.

TABLE OF EQUIVALENTS

1 gallon (gal.) - 231 cubic inches	
	- .1337 cubic feet.
1 gallon of water weighs 8.33 pounds.	
1 million gallons (m.g.) - 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 (sec.ft.)	
	- 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



ELEV	DWR Snow Courses	2012 SWE	Historic Average	% of Average	% of Last Year	Average Depth
10,200	Deadman Hill	13.6	12.0	113	79	54" - NORTH FORK
10,120	Joe Wright Snotel	12.6	17.3	73	53	47"
9,980	Long Draw	10.3	12.1	85	46	44"
9,500	Hourglass	8.7	5.9	147	136	35"
9,300	Lost Lake	9	9.6	94	66	36"
9,300	Bennett Creek	7.6	5.9	129	117	31"
9,120	Chambers Hill	7	7.4	95	61	29"
9,000	Red Feather	8.9	5.7	156	103	36"

Basin Average 102% 71%

NRCS Snow Courses	2012 SWE	30 yr Average	% of Average	% of Last Year	Average Depth
Cameron Pass	16.9	21.5	79	56	60"
Deadman Hill Snotel	15.7	13	121	88	61"
Chambers Lake	5.2	7.2	72	50	24"
Big South	3.6	2.8	129	55	18"

Basin Average 93% 63%

SWE (Snow Water Equivalent) Inches of Water
Internet Address for snotel sites: <ftp://ftp.wcc.nrcs.usda.gov/data/snow/update/co.txt>

