

**Poudre River Network**

Direct flow water rights are represented with links and defined by monthly volumetric limitations (flow rates), and negative costs (priorities). Each link representing a water right has a unique name. Some water rights have been consolidated into a single link. The small ditches on the North Fork were not modeled.

Priority #	Cost	Agg. Cost	Name	Owner	Q (cfs)	Adj. Q	Notes
1	-10,000		PRI1	City of Fort Collins		3.5	
2	-9925		PRI2A	Arthur	0.6275		0.5068 SSD ditch reductions
2	-9960		PRI2B	NPIC	0.72		
2	-9850	-9020	PRI2,19	Sside Transfer (NPIC)	0.0925		Annual limitation of all ssd exchange at 3401 ac-ft, usually take evenly between munroe and npcanal
3	-9800		PRI3	Jackson	11.67		
4	-9750		PRI4	PVLC	10.97		
5	-9700		PRI5A	City of Fort Collins	2.15		April 15 to October 15 only
5	-9650		PRI5B	Larimer County	10.77		
6	-9600		PRI6A	Boyd n Freeman	54.05		
6	-9550		PRI6B	City of Fort Collins	7		
6	-9500		PRI6C	City of Greeley	5		
6.5	-9450		PRI6.5	City of Greeley	7.5		
7	-9400		PRI7	Whitney	48.23		
9	-9350		PRI9	BH Eaton	29.1		
10	-9300		PRI10	Larimer and Weld	3		
11	-9250		PRI11	PVLC	29.63		
12	-9200		PRI12A	Larimer County	13.89		
12	-9150		PRI12B	City of Fort Collins	2.78		April 15 to October 15 only
13	-9100		PRI13	Coy	31.63	6 to 10 cfs max	
14	-9050		PRI14A	Larimer County #2	3.5		
14	-9000		PRI14B	City of Fort Collins	4.5		
15	-8950		PRI15	Boxelder	32.5		
16	-8900		PRI16	Larimer and Weld	1.47		
17	-8850		PRI17A	Taylor and Gill	12.17		
17	-8850		PRI17B	NPIC	4.75		
18	-8750		PRI18	BH Eaton	3.33		
19	-8650		PRI19A	Arthur	1.8867		1.5239 SSD ditch reductions
19	-8675		PRI19B	NPIC	2.165		
19	-8600	-9020	PRI2,19	Sside Transfer (NPIC)	0.2783		
21	-8550		PRI21	Larimer and Weld	16.67		
22	-8500		PRIR22DIR	Cache La Poudre Res	60		Modeled as diverting only from November - February
23	-8450		PRI23	Boxelder	8.33		
24	-8400		PRI24	Jones	15.52		
25	-8350		PRI25A	NewMercer	6.3894		4.9277 SSD ditch reductions
25	-8300		PRI25B	NPIC	15		
25	-8250	-7980	PRI25,29,32,33	Sside Transfer (NPIC)	0.6406		
28	-8200		PRI28	Larimer County	4.66		
28	-8150		PRI28CANON	Poudre Valley	2.35		
29	-8100		PRI29A	Arthur	1.8867		1.1755 SSD ditch reductions
29	-8075		PRI29B	NPIC	2.165		
29	-8050	-7980	PRI25,29,32,33	Sside Transfer (NPIC)	0.2783		
30	-8000		PRI30	Boxelder	11.93		
31	-7950		PRI31	Little Cache	62.08		
32	-7900		PRI32	Arthur	1.4555		
32	-7850	-7980	PRI25,29,32,33	Sside Transfer (NPIC)	0.2145		

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33	-7800		PRI33	NewMercer	3.79	2.9229	SSD ditch reductions
33	-7750	-7980	PRI25,29,32,33	Sside Transfer (NPIC)	0.38		
35	-7700		PRI34	Greeley No.3	52		
36	-7650		PRI36	Jackson	14.42		
37	-7600		PRI37	Greeley No.2	110		
38	-7550		PRI38	Arthur	27.603	22.2943	SSD ditch reductions
38	-7500	-7320	PRI38,47,49,52	Sside Transfer	4.067		
40	-7450			Calloway No1	5.3		Not modeled.
40	-7400		PRI40	NPIC	4		
43	-7350		PRI43	Whitney	12.93		
44	-7300		PRI44	Greeley No.2	170		
45	-7250		PRI45	Larimer and Weld	75		
46	-7200		PRI46	Greeley No.3	41		
47	-7150		PRI47	NewMercer	7.5709	5.8389	SSD ditch reductions
47	-7100	-7320	PRI38,47,49,52	Sside Transfer	0.7591		
48	-7050		PRI48CHAFFEE	City of Fort Collins	22.38		Annual diversion limited to 440 af.
49	-7000		PRI49	NewMercer	13.6331	10.5143	SSD ditch reductions
49	-6950	-7320	PRI38,47,49,52	Sside Transfer	1.3669		
50	-6900		PRI50	Greeley No.3	63.13		
51	-6850		PRI51	PVLC	16.5		
52	-6700		PRI52A	Arthur	15.9761	12.9036	SSD ditch reductions
52	-6750	-7320	PRI38,47,49,52	Sside Transfer	2.3539		
52	-6800		PRI52B	NPIC	15		
53	-6650		PRI53	BH Eaton	9.27		
54	-6600		PRI54	Lake Canal	158.35		
56	-6550		PRI56	Larimer County	4		
56	-6500			Poudre Valley	28.51		Not modeled.
57	-6475		PRI57	LarimerNo2	141.3061	102.2364	SSD ditch reductions
57	-6460	-6360	PRI57,66	Sside Transfer	10.6939		
58	-6450		PRI58	Little Cache	20.42		
59	-6400		PRI59	Greeley No.3	16.66		
60	-6350	-6300	PRI60,61,63	NPIC	7.2		
61	-6300	-6300	PRI60,61,63	NPIC	9.38		
63	-6250	-6300	PRI60,61,63	NPIC	3.32		
66	-6200		PRI66	Arthur	45.5663	36.803	SSD ditch reductions
66	-6150	-6360	PRI57,66	Sside Transfer	6.7137		
67	-6100		PRI67	Jackson	12.13		
69	-6050		PRI69	NPIC	3.32		
72	-6000		PRI72	Greeley No.2	184		
73	-5950		PRI73	Larimer and Weld	54.33		
74	-5900			Calloway No2	14.17		Not modeled.
75	-5850			Wetzler,Weymouth	10.37		Not modeled.
76	-5750		PRIR76	Warren Lake Res	23		
77	-5750	-5700	PRI77,79,80	NPIC	6.72		
79	-5700	-5700	PRI77,79,80	NPIC	6.72		

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80	-5650	-5700	PRI77,79,80	NPIC	6.72		
81	-5600			Wetzler,Weymouth	3		Not modeled.
82	-5550		PRI82	NPIC	2.85		
83	-5500		PRI83	Greeley No.2	121		
84	-5450		PRI84	Larimer County	7.23		
88	-5400		PRI88	Larimer and Weld	571		
91	-5350		PRI91	Jackson	12.7		
92	-5300		PRI92	PVLC	80.83		
96	-5250			Mitchel No.2	16.27		Not modeled.
97	-5200		PRI97	NPIC	307		Change case allows this to be diverted at either Munroe or North Poudre canal
98	-5150		PRI98	NewMercer	123.6071	35.3769	SSD ditch reductions
99	-5100			Chase	21.4		Not modeled.
100	-5050		PRI100	Larimer County	463		
100.5	-4975		PRI100.5	Oglivy	60		
122	-4950		PRI122	Oglivy	31		
123	-4900			Boxelder Channel	2.5		Not modeled.
999	-850		PRI999	City of Fort Collins	12.54		April 15 to October 15
					17.47		Oct 16 to April 14