May

Morseth.

MUDDY CREEK
12.5 ft cipolletti weir

Head Inches	Feet	Flow C.F.S.	Head Inches	Feet	Flow C.F.S.	Head Inches	Feet	Flow C.F.S.	Head Inches	Feet	Flow C.F.S.
1/8	.01	.0413	5 3/8	.45	12.70	10 5/8	.89	35.33	16 1/8	1.34	65.28
2/8	.02	.1188	5 4/8	.46	13.13	10 6/8	.90	35,93	16 2/8	1.35	66.01
3/8	.03	.2188	5 5/8	.47	13.56	10 7/8	.91	36.53	16 3/8	1.36	66.74
4/8	.04	.3363	5/6/8	.48	14.00	11 inch	.92	37.14	16 4/8	1.37	67.48
5/8	.05	.4704	5 7/8	.49	14.43	11 1/8	.93	37.74	16 4/8	1.38	68.22
6/8	.06	.6185	6 inch	.50	14.88	11 2/8	.94	38.35	16 5/8	1.39	68.97
7/8	.07	.7794	6 1/8	.51	15.33	11 3/8	.95	38.97	16 6/8	1.40	69.71
1 inch	.08	.9523	6 2/8	.52	15.78	11 4/8	.96	39.58	16 7/8	1.41	70.46
1 1/8	.09	1.14	6 3/8	.53	16.24	11 5/8	,97	40.20	17 inch	1142	71.21
1 2/8	.10	1.33	6 4/8	.54	16.70	11 6/8	.98	40.83	17 1/8	1.43	71.96
1 3/8	.11	1.54	6 5/8	.55	17.17	11 7/8	.99	41.45	17 2/8	1.44	72.72
1 4/8	.12	1.75	6 6/8	.56	17.64	12 inch	1.00	42.08	17 3/8	1.45	73.48
1 4/8	.13	1.97	6 7/8	.57	18.11	12 1/8	1.01	42.72	17 4/8	1.46	74.24
1 5/8	.14	2.20	7 inch	.58	18.59	12 2/8	1.02	43.35	17 5/8	1.47	75.00
1 6/8	.15	2.44	7 1/8	.59	19.07	12 3/8	1.03	43.99 5/20	17 6/8	1.48	75.77
1 7/8	.16	2.69	7 2/8	.60	19.56	12 4/8	1.04	44.63	17 7/8	1.49	76.54
2 inch	.17	2.95	7 3/8	.61	20.05	12 5/8	1.05	45.28 2/1	18 inch	1.50	77.31
2 1/8	.18	3.21	7 4/8	.62	20.54	12 6/8	1.06	45.93	18 1/8	1.51	78.10
2 2/8	.19	3.49	7 4/8	.63	21.04	12 7/8	1.07	46.58	18 2/8	1152	78.88
2 3/8	.20	3.76	7 5/8	.64	21.55	13 inch	1.08	47.23	18 3/8	1.53	79.66
2 4/8	.21	4.05	7 6/8	.65	22.05	13 1/8	1.09	47.89	18 4/8	1.54	80.49
2 5/8	.22	4.34	7 7/8	.66	22.56	13 2/8	1.10	48.55	18 5/8	1.55	81.23
2 6/8	.23	4.64	8 inch	.67	23.08	13 3/8	1.11	49.21	18 6/8	1.56	82.02
2 7/8	.24	4.95	8 1/8	.68	23.60	13 4/8	1.12	49.38 5/23	18 13/16	1.57	82.81
3 inch	.25	5.26	8 2/8	.69	24.12	13 4/8	1.13	50.58 2/1	15/16	1.58	83.60
3 1/8	.26	5.58	8 3/8	.70	24.65	13 5/8	1.14	51.22	19 1/16	1.59	84.39
3 2/8	.27	5.90	8 4/8	.71	25.18	13 6/8	1.15	51.90	3/16	1.60	85.18
3 3/8	.28	6.24	8 5/8	.72	25.71	13 7/8	1.16	52.58	5/16	1.61	85.99
3 4/8	.29	6.57	8 6/8	.73	26.25	14 inch	1.17	53.26	7/16	1.62	86.80
3 5/8	.30	6.92	8 7/8	.74	26.79	14 1/8	1.18	53.94	9/16	1.63	87.61
3 6/8	.31	7.26	9 inch	.75	27.33	14 2/8	1.19	54.63	11/16	1.64	88.42
3 7/8	.32	7.62	9 1/8	.76	27.88	14 3/8	1.20	55.32	13/16	1.65	89.23
4 inch	.33	7.98	9 2/8	.77	28.43	14 4/8	1.21	56.01	15/16	1.66	90.04
4 1/8	.34	8.34	9 3/8	.78	28.99	14 5/8	1.22	56.71	20 1/16	1.67	90.85
4 2/8	.35.	8.71	9 4/8	.79	29.55	14 6/8	1.23	57.41	3/16	1.68	91.66
4 3/8	.36	9.09	9 5/8	.80	30.11	14 7/8	1.24	58.11	1/4	1.69	92.47
4 4/8	.37	9.47	9 6/8	.81	30.68	15 inch	1.25	58.81	3/8	1.70	93.28
4 4/8	.38	9.86	9 7/8	.82	31.25	15 1/8	1.26	59.52	1/2	1.71	94.12
4 5/8	.39	10.25	10 inch	.83	31.82	15 2/8	1.27	60.23	5/8	1.72	94.95
4 6/8	.40	10.65	10 1/8	.84	32.40	15 3/8	1.28	60.94	3/4	1.73	95.78
4 7/8	.41	11.05	10 2/8	.85	32.98	15 4/8	1.29	61.66	7/8	1.74	96.61
5 inch	.42	11.46	10 3/8	.86	33.56	15 5/8	1.30	62.38	21 inch	1.75	97.44
5 1/8	.43	11.87	10 4/8	.87	34.15	15 6/8	1.31	63.10	21 1/8	1.76	98.28
5 2/8	.44	12.28	10 4/8	.88	34.74	15 7/8	1.32	63.82	21 1/4	1.77	99.12
						16 inch	1.33	64.54			

This 12.5 foot weir measures the entire flow of Muddy Creek above the diversions near the mouth of the canyon at Moore, Utah.

From Nels Hansen

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2/8	.02	.1188	5 4/8	.46	13.13	10 6/8	.90	35.93	16 2/8	1.35	66.01
3/8	.03	.2188	5 5/8	.47	13.56	10 7/8	.91	36.53	16 3/8	1.36	66.74
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1 inch	.08	.9523	6 2/8	.52	15.78	11 4/8	.96	39.58	16 7/8	1.41	70.46
1 1/8	.09	1.14	6 3/8	.53	16.24	11 5/8	,97	40.20	17 inch	1142	71.21
1 2/8	.10	1.33	6 4/8	.54	16.70	11 6/8	.98	40.83	17 1/8	1.43	71.96
1 3/8	.11	1.54	6 5/8	.55	17.17	11 7/8	.99	41.45	17 2/8	1.44	72.72
1 4/8	.12	1.75	6 6/8	.56	17.64	12 inch	1.00	42.08	17 3/8	1.45	73.48
1 4/8	.13	1.97	6 7/8	.57	18.11	12 1/8	1.01	42.72	17 4/8	1.46	74.24
1 5/8	.14	2.20	7 inch	.58	18.59	12 2/8	1.02	43.35	17 5/8	1.47	75.00
1 6/8	.15	2.44	7 1/8	.59	19.07	12 3/8	1.03	43.99	17 6/8	1.48	75.77
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2 inch	.17	2.95	7 3/8	.61	20.05	12 5/8	1.05	45.28 6/1	18 inch	1.50	77.31
2 1/8	.18	3.21	7 4/8	.62	20.54	12 6/8	1.06	45.93	18 1/8	1.51	78.10
2 2/8	.19	3.49	7 4/8	.63	21.04	12 7/8	1.07	46.58	18 2/8	1152	78.88
2 3/8	.20	3.76	7 5/8	.64	21.55	13 inch	1.08	47.23	18 3/8	1.53	79.66
2 4/8	.21	4.05	7 6/8	.65	22.05	13 1/8	1.09	47.89 5/23	18 4/8	1.54	80.49
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4 2/8	.35.	8.71	9 4/8	.79	29.55 5/4/61	14 6/8	1.23	57.41	3/16	1.68	91.66
4 3/8	.36	9.09	9 5/8	.80	30.11	14 7/8	1.24	58.11	1/4	1.69	92.47
4 4/8	.37	9.47	9 6/8	.81	30.68	15 inch	1.25	58.81	3/8	1.70	93.28
4 4/8	.38	9.86	9 7/8	.82	31.25	15 1/8	1.26	59.52	1/2	1.71	94.12
4 5/8	.39	10.25	10 inch	.83	31.82	15 2/8	1.27	60.23	5/8	1.72	94.95
4 6/8	.40	10.65	10 1/8	.84	32.40	15 3/8	1.28	60.94	3/4	1.73	95.78
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5 inch	.42	11.46	10 3/8	.86	33.56	15 5/8	1.30	62.38	21 inch	1.75	97.44
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