



770.664.6513 (V) 770.664.6565 (F)

## Discharge Table For 48" Montana Flume

Document: MON48-D-T Date: 1-26-04 By: Matt Kazmier

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.01	0.12			
0.02	0.24			
0.03	0.36			
0.04	0.48			
0.05	0.60			
0.06	0.72			
0.07	0.84			
0.08	0.96			
0.09	1.08			
0.10	1.20			
0.11	1.32			
0.12	1.44			
0.13	1.56			
0.14	1.68			
0.15	1.80			
0.16	1.92			
0.17	2.04			
0.18	2.16			
0.19	2.28			
0.20	2.40	1.263	566.6	0.8160
0.21	2.52	1.364	612.0	0.8813
0.22	2.64	1.467	658.6	0.9484
0.23	2.76	1.574	706.4	1.017
0.24	2.88	1.683	755.5	1.088
0.25	3.00	1.795	805.8	1.160
0.26	3.12	1.910	857.2	1.234
0.27	3.24	2.027	909.8	1.310
0.28	3.36	2.147	963.5	1.388
0.29	3.48	2.269	1018	1.467
0.30	3.60	2.394	1074	1.547
0.31	3.72	2.521	1131	1.629
0.32	3.84	2.650	1190	1.713
0.33	3.96	2.782	1249	1.798
0.34	4.08	2.916	1309	1.885
0.35	4.20	3.053	1370	1.973
0.36	4.32	3.192	1432	2.063
0.37	4.44	3.333	1496	2.154
0.38	4.56	3.476	1560	2.247
0.39	4.68	3.621	1625	2.341
0.40	4.80	3.769	1692	2.436
0.41	4.92	3.919	1759	2.533
0.42	5.04	4.071	1827	2.631
0.43	5.16	4.225	1896	2.730
0.44	5.28	4.381	1966	2.831
0.45	5.40	4.539	2037	2.933
0.46	5.52	4.699	2109	3.037
0.47	5.64	4.861	2182	3.142
0.48	5.76	5.025	2255	3.248
0.49	5.88	5.192	2330	3.355
0.50	6.00	5.360	2405	3.464

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	5.530	2482	3.574
0.52	6.24	5.702	2559	3.685
0.53	6.36	5.876	2637	3.798
0.54	6.48	6.052	2716	3.911
0.55	6.60	6.229	2796	4.026
0.56	6.72	6.409	2876	4.142
0.57	6.84	6.591	2958	4.260
0.58	6.96	6.774	3040	4.378
0.59	7.08	6.959	3123	4.498
0.60	7.20	7.146	3207	4.619
0.61	7.32	7.335	3292	4.741
0.62	7.44	7.526	3378	4.864
0.63	7.56	7.718	3464	4.988
0.64	7.68	7.912	3551	5.114
0.65	7.80	8.108	3639	5.240
0.66	7.92	8.306	3728	5.368
0.67	8.04	8.505	3817	5.497
0.68	8.16	8.706	3907	5.627
0.69	8.28	8.909	3999	5.758
0.70	8.40	9.114	4090	5.890
0.71	8.52	9.320	4183	6.024
0.72	8.64	9.528	4276	6.158
0.73	8.76	9.738	4370	6.294
0.74	8.88	9.949	4465	6.430
0.75	9.00	10.16	4561	6.568
0.76	9.12	10.38	4657	6.706
0.77	9.24	10.59	4754	6.846
0.78	9.36	10.81	4852	6.987
0.79	9.48	11.03	4950	7.129
0.80	9.60	11.25	5050	7.272
0.81	9.72	11.47	5150	7.416
0.82	9.84	11.70	5250	7.561
0.83	9.96	11.92	5352	7.707
0.84	10.08	12.15	5454	7.854
0.85	10.20	12.38	5557	8.002
0.86	10.32	12.61	5660	8.151
0.87	10.44	12.84	5764	8.301
0.88	10.56	13.08	5869	8.452
0.89	10.68	13.31	5975	8.604
0.90	10.80	13.55	6081	8.757
0.91	10.92	13.79	6188	8.911
0.92	11.04	14.03	6296	9.066
0.93	11.16	14.27	6404	9.222
0.94	11.28	14.51	6513	9.379
0.95	11.40	14.76	6623	9.537
0.96	11.52	15.00	6733	9.696
0.97	11.64	15.25	6844	9.856
0.98	11.76	15.50	6956	10.02
0.99	11.88	15.75	7068	10.18
1.00	12.00	16.00	7181	10.34



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## Discharge Table For 48" Montana Flume

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	16.25	7294	10.50
1.02	12.24	16.51	7409	10.67
1.03	12.36	16.76	7524	10.83
1.04	12.48	17.02	7639	11.00
1.05	12.60	17.28	7755	11.17
1.06	12.72	17.54	7872	11.34
1.07	12.84	17.80	7990	11.51
1.08	12.96	18.07	8108	11.68
1.09	13.08	18.33	8227	11.85
1.10	13.20	18.60	8346	12.02
1.11	13.32	18.86	8466	12.19
1.12	13.44	19.13	8587	12.37
1.13	13.56	19.40	8708	12.54
1.14	13.68	19.67	8830	12.72
1.15	13.80	19.95	8953	12.89
1.16	13.92	20.22	9076	13.07
1.17	14.04	20.50	9199	13.25
1.18	14.16	20.77	9324	13.43
1.19	14.28	21.05	9449	13.61
1.20	14.40	21.33	9574	13.79
1.21	14.52	21.61	9701	13.97
1.22	14.64	21.90	9827	14.15
1.23	14.76	22.18	9955	14.34
1.24	14.88	22.47	10083	14.52
1.25	15.00	22.75	10211	14.70
1.26	15.12	23.04	10341	14.89
1.27	15.24	23.33	10470	15.08
1.28	15.36	23.62	10601	15.27
1.29	15.48	23.91	10732	15.45
1.30	15.60	24.21	10863	15.64
1.31	15.72	24.50	10995	15.83
1.32	15.84	24.80	11128	16.03
1.33	15.96	25.09	11261	16.22
1.34	16.08	25.39	11395	16.41
1.35	16.20	25.69	11530	16.60
1.36	16.32	25.99	11665	16.80
1.37	16.44	26.29	11800	16.99
1.38	16.56	26.60	11937	17.19
1.39	16.68	26.90	12073	17.39
1.40	16.80	27.21	12211	17.58
1.41	16.92	27.51	12349	17.78
1.42	17.04	27.82	12487	17.98
1.43	17.16	28.13	12626	18.18
1.44	17.28	28.44	12766	18.38
1.45	17.40	28.76	12906	18.59
1.46	17.52	29.07	13047	18.79
1.47	17.64	29.38	13188	18.99
1.48	17.76	29.70	13330	19.20
1.49	17.88	30.02	13472	19.40
1.50	18.00	30.34	13615	19.61

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.51	18.12	30.66	13759	19.81
1.52	18.24	30.98	13903	20.02
1.53	18.36	31.30	14047	20.23
1.54	18.48	31.62	14192	20.44
1.55	18.60	31.95	14338	20.65
1.56	18.72	32.27	14484	20.86
1.57	18.84	32.60	14631	21.07
1.58	18.96	32.93	14778	21.28
1.59	19.08	33.26	14926	21.49
1.60	19.20	33.59	15075	21.71
1.61	19.32	33.92	15224	21.92
1.62	19.44	34.25	15373	22.14
1.63	19.56	34.59	15523	22.35
1.64	19.68	34.92	15674	22.57
1.65	19.80	35.26	15825	22.79
1.66	19.92	35.60	15976	23.01
1.67	20.04	35.94	16128	23.23
1.68	20.16	36.28	16281	23.45
1.69	20.28	36.62	16434	23.67
1.70	20.40	36.96	16588	23.89
1.71	20.52	37.30	16742	24.11
1.72	20.64	37.65	16897	24.33
1.73	20.76	37.99	17052	24.56
1.74	20.88	38.34	17208	24.78
1.75	21.00	38.69	17364	25.01
1.76	21.12	39.04	17521	25.23
1.77	21.24	39.39	17678	25.46
1.78	21.36	39.74	17836	25.69
1.79	21.48	40.09	17994	25.91
1.80	21.60	40.45	18153	26.14
1.81	21.72	40.80	18313	26.37
1.82	21.84	41.16	18473	26.60
1.83	21.96	41.52	18633	26.83
1.84	22.08	41.88	18794	27.06
1.85	22.20	42.24	18955	27.30
1.86	22.32	42.60	19117	27.53
1.87	22.44	42.96	19280	27.76
1.88	22.56	43.32	19443	28.00
1.89	22.68	43.69	19606	28.23
1.90	22.80	44.05	19770	28.47
1.91	22.92	44.42	19934	28.71
1.92	23.04	44.78	20099	28.94
1.93	23.16	45.15	20265	29.18
1.94	23.28	45.52	20431	29.42
1.95	23.40	45.89	20597	29.66
1.96	23.52	46.27	20764	29.90
1.97	23.64	46.64	20931	30.14
1.98	23.76	47.01	21099	30.38
1.99	23.88	47.39	21268	30.63
2.00	24.00	47.76	21437	30.87



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## Discharge Table For 48" Montana Flume

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
2.01	24.12	48.14	21606	31.11
2.02	24.24	48.52	21776	31.36
2.03	24.36	48.90	21946	31.60
2.04	24.48	49.28	22117	31.85
2.05	24.60	49.66	22288	32.10
2.06	24.72	50.04	22460	32.34
2.07	24.84	50.43	22632	32.59
2.08	24.96	50.81	22805	32.84
2.09	25.08	51.20	22978	33.09
2.10	25.20	51.59	23152	33.34
2.11	25.32	51.97	23326	33.59
2.12	25.44	52.36	23501	33.84
2.13	25.56	52.75	23676	34.10
2.14	25.68	53.15	23852	34.35
2.15	25.80	53.54	24028	34.60
2.16	25.92	53.93	24204	34.86
2.17	26.04	54.33	24381	35.11
2.18	26.16	54.72	24559	35.37
2.19	26.28	55.12	24737	35.62
2.20	26.40	55.52	24915	35.88
2.21	26.52	55.91	25094	36.14
2.22	26.64	56.31	25274	36.40
2.23	26.76	56.71	25454	36.65
2.24	26.88	57.12	25634	36.91
2.25	27.00	57.52	25815	37.17
2.26	27.12	57.92	25996	37.44
2.27	27.24	58.33	26178	37.70
2.28	27.36	58.73	26360	37.96
2.29	27.48	59.14	26543	38.22
2.30	27.60	59.55	26726	38.49
2.31	27.72	59.96	26909	38.75
2.32	27.84	60.37	27093	39.02
2.33	27.96	60.78	27278	39.28
2.34	28.08	61.19	27463	39.55
2.35	28.20	61.60	27648	39.82
2.36	28.32	62.02	27834	40.08
2.37	28.44	62.43	28020	40.35
2.38	28.56	62.85	28207	40.62
2.39	28.68	63.27	28394	40.89
2.40	28.80	63.69	28582	41.16
2.41	28.92	64.10	28770	41.43
2.42	29.04	64.52	28959	41.70
2.43	29.16	64.95	29148	41.97
2.44	29.28	65.37	29337	42.25
2.45	29.40	65.79	29527	42.52
2.46	29.52	66.22	29718	42.80
2.47	29.64	66.64	29908	43.07
2.48	29.76	67.07	30100	43.35
2.49	29.88	67.49	30291	43.62
2.50	30.00	67.92	30484	43.90