



770.664.6513 (V) 770.664.6565 (F)

## Discharge Table for 96" Montana Flume

Document: MON96-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			
0.21	2.52			
0.22	2.64			
0.23	2.76			
0.24	2.88			
0.25	3.00			
0.26	3.12			
0.27	3.24			
0.28	3.36			
0.29	3.48			
0.30	3.60	4.625	2076	2.989
0.31	3.72	4.875	2188	3.151
0.32	3.84	5.130	2303	3.316
0.33	3.96	5.390	2419	3.484
0.34	4.08	5.655	2538	3.655
0.35	4.20	5.925	2659	3.829
0.36	4.32	6.199	2782	4.006
0.37	4.44	6.478	2907	4.187
0.38	4.56	6.762	3035	4.370
0.39	4.68	7.050	3164	4.556
0.40	4.80	7.342	3295	4.745
0.41	4.92	7.640	3429	4.937
0.42	5.04	7.941	3564	5.132
0.43	5.16	8.247	3701	5.330
0.44	5.28	8.557	3841	5.531
0.45	5.40	8.872	3982	5.734
0.46	5.52	9.191	4125	5.940
0.47	5.64	9.514	4270	6.149
0.48	5.76	9.841	4417	6.360
0.49	5.88	10.17	4565	6.575
0.50	6.00	10.51	4716	6.791

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	10.85	4869	7.011
0.52	6.24	11.19	5023	7.233
0.53	6.36	11.54	5179	7.458
0.54	6.48	11.89	5337	7.685
0.55	6.60	12.25	5496	7.915
0.56	6.72	12.61	5658	8.148
0.57	6.84	12.97	5821	8.383
0.58	6.96	13.34	5986	8.620
0.59	7.08	13.71	6153	8.860
0.60	7.20	14.08	6321	9.103
0.61	7.32	14.46	6491	9.348
0.62	7.44	14.85	6663	9.595
0.63	7.56	15.23	6836	9.845
0.64	7.68	15.62	7012	10.10
0.65	7.80	16.02	7188	10.35
0.66	7.92	16.41	7367	10.61
0.67	8.04	16.82	7547	10.87
0.68	8.16	17.22	7729	11.13
0.69	8.28	17.63	7912	11.39
0.70	8.40	18.04	8097	11.66
0.71	8.52	18.46	8284	11.93
0.72	8.64	18.88	8472	12.20
0.73	8.76	19.30	8662	12.47
0.74	8.88	19.73	8854	12.75
0.75	9.00	20.16	9047	13.03
0.76	9.12	20.59	9241	13.31
0.77	9.24	21.03	9437	13.59
0.78	9.36	21.47	9635	13.87
0.79	9.48	21.91	9834	14.16
0.80	9.60	22.36	10035	14.45
0.81	9.72	22.81	10237	14.74
0.82	9.84	23.26	10441	15.04
0.83	9.96	23.72	10646	15.33
0.84	10.08	24.18	10853	15.63
0.85	10.20	24.65	11061	15.93
0.86	10.32	25.11	11271	16.23
0.87	10.44	25.58	11483	16.54
0.88	10.56	26.06	11695	16.84
0.89	10.68	26.54	11910	17.15
0.90	10.80	27.02	12125	17.46
0.91	10.92	27.50	12342	17.77
0.92	11.04	27.99	12561	18.09
0.93	11.16	28.48	12781	18.41
0.94	11.28	28.97	13003	18.72
0.95	11.40	29.47	13226	19.05
0.96	11.52	29.97	13450	19.37
0.97	11.64	30.47	13676	19.69
0.98	11.76	30.98	13903	20.02
0.99	11.88	31.49	14132	20.35
1.00	12.00	32.00	14362	20.68



## Discharge Table for 96" Montana Flume

770.664.6513 (V)    770.664.6906 (F)

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	32.52	14593	21.01
1.02	12.24	33.03	14826	21.35
1.03	12.36	33.56	15060	21.69
1.04	12.48	34.08	15296	22.03
1.05	12.60	34.61	15533	22.37
1.06	12.72	35.14	15771	22.71
1.07	12.84	35.67	16011	23.06
1.08	12.96	36.21	16252	23.40
1.09	13.08	36.75	16494	23.75
1.10	13.20	37.29	16738	24.10
1.11	13.32	37.84	16983	24.46
1.12	13.44	38.39	17230	24.81
1.13	13.56	38.94	17477	25.17
1.14	13.68	39.50	17727	25.53
1.15	13.80	40.06	17977	25.89
1.16	13.92	40.62	18229	26.25
1.17	14.04	41.18	18482	26.62
1.18	14.16	41.75	18736	26.98
1.19	14.28	42.32	18992	27.35
1.20	14.40	42.89	19249	27.72
1.21	14.52	43.47	19508	28.09
1.22	14.64	44.04	19767	28.47
1.23	14.76	44.63	20028	28.84
1.24	14.88	45.21	20290	29.22
1.25	15.00	45.80	20554	29.60
1.26	15.12	46.39	20819	29.98
1.27	15.24	46.98	21085	30.36
1.28	15.36	47.58	21352	30.75
1.29	15.48	48.17	21621	31.14
1.30	15.60	48.78	21891	31.52
1.31	15.72	49.38	22162	31.91
1.32	15.84	49.99	22434	32.31
1.33	15.96	50.60	22708	32.70
1.34	16.08	51.21	22983	33.10
1.35	16.20	51.82	23259	33.49
1.36	16.32	52.44	23536	33.89
1.37	16.44	53.06	23815	34.30
1.38	16.56	53.69	24095	34.70
1.39	16.68	54.31	24376	35.10
1.40	16.80	54.94	24658	35.51
1.41	16.92	55.57	24942	35.92
1.42	17.04	56.21	25227	36.33
1.43	17.16	56.85	25513	36.74
1.44	17.28	57.49	25800	37.15
1.45	17.40	58.13	26088	37.57
1.46	17.52	58.77	26378	37.99
1.47	17.64	59.42	26669	38.41
1.48	17.76	60.07	26961	38.83
1.49	17.88	60.73	27254	39.25
1.50	18.00	61.38	27549	39.67

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.51	18.12	62.04	27844	40.10
1.52	18.24	62.70	28141	40.53
1.53	18.36	63.37	28439	40.95
1.54	18.48	64.03	28739	41.39
1.55	18.60	64.70	29039	41.82
1.56	18.72	65.38	29341	42.25
1.57	18.84	66.05	29643	42.69
1.58	18.96	66.73	29947	43.13
1.59	19.08	67.41	30252	43.57
1.60	19.20	68.09	30559	44.01
1.61	19.32	68.77	30866	44.45
1.62	19.44	69.46	31175	44.89
1.63	19.56	70.15	31484	45.34
1.64	19.68	70.84	31795	45.79
1.65	19.80	71.54	32107	46.24
1.66	19.92	72.24	32420	46.69
1.67	20.04	72.94	32735	47.14
1.68	20.16	73.64	33050	47.59
1.69	20.28	74.35	33367	48.05
1.70	20.40	75.05	33685	48.51
1.71	20.52	75.77	34003	48.97
1.72	20.64	76.48	34324	49.43
1.73	20.76	77.19	34645	49.89
1.74	20.88	77.91	34967	50.35
1.75	21.00	78.63	35290	50.82
1.76	21.12	79.36	35615	51.29
1.77	21.24	80.08	35941	51.76
1.78	21.36	80.81	36267	52.23
1.79	21.48	81.54	36595	52.70
1.80	21.60	82.27	36924	53.17
1.81	21.72	83.01	37254	53.65
1.82	21.84	83.75	37586	54.13
1.83	21.96	84.49	37918	54.60
1.84	22.08	85.23	38251	55.08
1.85	22.20	85.98	38586	55.57
1.86	22.32	86.72	38922	56.05
1.87	22.44	87.47	39258	56.53
1.88	22.56	88.23	39596	57.02
1.89	22.68	88.98	39935	57.51
1.90	22.80	89.74	40275	58.00
1.91	22.92	90.50	40616	58.49
1.92	23.04	91.26	40958	58.98
1.93	23.16	92.03	41301	59.48
1.94	23.28	92.79	41646	59.97
1.95	23.40	93.56	41991	60.47
1.96	23.52	94.34	42338	60.97
1.97	23.64	95.11	42685	61.47
1.98	23.76	95.89	43034	61.97
1.99	23.88	96.67	43384	62.48
2.00	24.00	97.45	43734	62.98



770.664.6513 (V) 770.664.6565 (F)

**Discharge Table  
For  
96" Montana Flume**

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
2.01	24.12	98.23	44086	63.49
2.02	24.24	99.02	44439	64.00
2.03	24.36	99.81	44793	64.50
2.04	24.48	100.6	45148	65.02
2.05	24.60	101.4	45504	65.53
2.06	24.72	102.2	45861	66.04
2.07	24.84	103.0	46220	66.56
2.08	24.96	103.8	46579	67.08
2.09	25.08	104.6	46939	67.60
2.10	25.20	105.4	47300	68.12
2.11	25.32	106.2	47663	68.64
2.12	25.44	107.0	48026	69.16
2.13	25.56	107.8	48391	69.69
2.14	25.68	108.6	48756	70.21
2.15	25.80	109.5	49123	70.74
2.16	25.92	110.3	49490	71.27
2.17	26.04	111.1	49859	71.80
2.18	26.16	111.9	50229	72.33
2.19	26.28	112.7	50599	72.87
2.20	26.40	113.6	50971	73.40
2.21	26.52	114.4	51344	73.94
2.22	26.64	115.2	51717	74.48
2.23	26.76	116.1	52092	75.02
2.24	26.88	116.9	52468	75.56
2.25	27.00	117.7	52845	76.10
2.26	27.12	118.6	53223	76.64
2.27	27.24	119.4	53602	77.19
2.28	27.36	120.3	53981	77.74
2.29	27.48	121.1	54362	78.29
2.30	27.60	122.0	54744	78.83
2.31	27.72	122.8	55127	79.39
2.32	27.84	123.7	55511	79.94
2.33	27.96	124.5	55896	80.49
2.34	28.08	125.4	56282	81.05
2.35	28.20	126.3	56669	81.61
2.36	28.32	127.1	57057	82.17
2.37	28.44	128.0	57445	82.73
2.38	28.56	128.9	57835	83.29
2.39	28.68	129.7	58226	83.85
2.40	28.80	130.6	58618	84.41
2.41	28.92	131.5	59011	84.98
2.42	29.04	132.4	59405	85.55
2.43	29.16	133.2	59800	86.12
2.44	29.28	134.1	60196	86.69
2.45	29.40	135.0	60592	87.26
2.46	29.52	135.9	60990	87.83
2.47	29.64	136.8	61389	88.40
2.48	29.76	137.7	61789	88.98
2.49	29.88	138.6	62190	89.56
2.50	30.00	139.5	62591	90.14