



770.664.6513 (V) 770.664.6565 (F)

## Discharge Table For 72" Montana Flume

Document: MON72-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	2.631	1181	1.701
0.26	3.12	2.801	1257	1.810
0.27	3.24	2.975	1335	1.923
0.28	3.36	3.153	1415	2.037
0.29	3.48	3.334	1496	2.155
0.30	3.60	3.519	1579	2.274
0.31	3.72	3.708	1664	2.397
0.32	3.84	3.901	1751	2.521
0.33	3.96	4.097	1839	2.648
0.34	4.08	4.297	1928	2.777
0.35	4.20	4.500	2019	2.908
0.36	4.32	4.707	2112	3.042
0.37	4.44	4.917	2207	3.178
0.38	4.56	5.130	2302	3.316
0.39	4.68	5.347	2400	3.456
0.40	4.80	5.568	2499	3.598
0.41	4.92	5.791	2599	3.743
0.42	5.04	6.018	2701	3.889
0.43	5.16	6.248	2804	4.038
0.44	5.28	6.481	2909	4.189
0.45	5.40	6.718	3015	4.342
0.46	5.52	6.957	3123	4.497
0.47	5.64	7.200	3231	4.653
0.48	5.76	7.446	3342	4.812
0.49	5.88	7.695	3453	4.973
0.50	6.00	7.947	3567	5.136

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	8.202	3681	5.301
0.52	6.24	8.460	3797	5.468
0.53	6.36	8.721	3914	5.636
0.54	6.48	8.984	4032	5.807
0.55	6.60	9.251	4152	5.979
0.56	6.72	9.521	4273	6.153
0.57	6.84	9.793	4395	6.329
0.58	6.96	10.07	4519	6.507
0.59	7.08	10.35	4644	6.687
0.60	7.20	10.63	4770	6.869
0.61	7.32	10.91	4897	7.052
0.62	7.44	11.20	5026	7.238
0.63	7.56	11.49	5156	7.425
0.64	7.68	11.78	5287	7.613
0.65	7.80	12.07	5419	7.804
0.66	7.92	12.37	5553	7.996
0.67	8.04	12.67	5688	8.190
0.68	8.16	12.98	5824	8.386
0.69	8.28	13.28	5961	8.584
0.70	8.40	13.59	6099	8.783
0.71	8.52	13.90	6239	8.984
0.72	8.64	14.21	6379	9.187
0.73	8.76	14.53	6521	9.391
0.74	8.88	14.85	6664	9.597
0.75	9.00	15.17	6808	9.804
0.76	9.12	15.49	6954	10.014
0.77	9.24	15.82	7100	10.225
0.78	9.36	16.15	7248	10.437
0.79	9.48	16.48	7396	10.651
0.80	9.60	16.81	7546	10.867
0.81	9.72	17.15	7697	11.085
0.82	9.84	17.49	7849	11.304
0.83	9.96	17.83	8003	11.524
0.84	10.08	18.17	8157	11.746
0.85	10.20	18.52	8312	11.970
0.86	10.32	18.87	8469	12.195
0.87	10.44	19.22	8626	12.422
0.88	10.56	19.57	8785	12.651
0.89	10.68	19.93	8945	12.881
0.90	10.80	20.29	9105	13.112
0.91	10.92	20.65	9267	13.345
0.92	11.04	21.01	9430	13.580
0.93	11.16	21.38	9594	13.816
0.94	11.28	21.75	9759	14.054
0.95	11.40	22.12	9925	14.293
0.96	11.52	22.49	10092	14.534
0.97	11.64	22.86	10261	14.776
0.98	11.76	23.24	10430	15.019
0.99	11.88	23.62	10600	15.265
1.00	12.00	24.00	10771	15.511



## Discharge Table For 72" Montana Flume

770.664.6513 (V)    770.664.6906 (F)

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	24.38	10943	15.76
1.02	12.24	24.77	11117	16.01
1.03	12.36	25.16	11291	16.26
1.04	12.48	25.55	11466	16.51
1.05	12.60	25.94	11643	16.77
1.06	12.72	26.34	11820	17.02
1.07	12.84	26.73	11998	17.28
1.08	12.96	27.13	12178	17.54
1.09	13.08	27.54	12358	17.80
1.10	13.20	27.94	12539	18.06
1.11	13.32	28.35	12721	18.32
1.12	13.44	28.75	12905	18.58
1.13	13.56	29.16	13089	18.85
1.14	13.68	29.58	13274	19.12
1.15	13.80	29.99	13460	19.38
1.16	13.92	30.41	13647	19.65
1.17	14.04	30.83	13835	19.92
1.18	14.16	31.25	14024	20.20
1.19	14.28	31.67	14214	20.47
1.20	14.40	32.10	14405	20.74
1.21	14.52	32.53	14597	21.02
1.22	14.64	32.95	14790	21.30
1.23	14.76	33.39	14984	21.58
1.24	14.88	33.82	15179	21.86
1.25	15.00	34.26	15374	22.14
1.26	15.12	34.69	15571	22.42
1.27	15.24	35.13	15768	22.71
1.28	15.36	35.58	15967	22.99
1.29	15.48	36.02	16166	23.28
1.30	15.60	36.47	16367	23.57
1.31	15.72	36.92	16568	23.86
1.32	15.84	37.37	16770	24.15
1.33	15.96	37.82	16973	24.44
1.34	16.08	38.27	17177	24.74
1.35	16.20	38.73	17382	25.03
1.36	16.32	39.19	17587	25.33
1.37	16.44	39.65	17794	25.62
1.38	16.56	40.11	18002	25.92
1.39	16.68	40.58	18210	26.22
1.40	16.80	41.04	18419	26.53
1.41	16.92	41.51	18630	26.83
1.42	17.04	41.98	18841	27.13
1.43	17.16	42.45	19053	27.44
1.44	17.28	42.93	19266	27.74
1.45	17.40	43.40	19480	28.05
1.46	17.52	43.88	19694	28.36
1.47	17.64	44.36	19910	28.67
1.48	17.76	44.84	20126	28.98
1.49	17.88	45.33	20343	29.30
1.50	18.00	45.81	20562	29.61

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.51	18.12	46.30	20781	29.93
1.52	18.24	46.79	21000	30.24
1.53	18.36	47.28	21221	30.56
1.54	18.48	47.78	21443	30.88
1.55	18.60	48.27	21665	31.20
1.56	18.72	48.77	21889	31.52
1.57	18.84	49.27	22113	31.84
1.58	18.96	49.77	22338	32.17
1.59	19.08	50.28	22564	32.49
1.60	19.20	50.78	22790	32.82
1.61	19.32	51.29	23018	33.15
1.62	19.44	51.80	23246	33.48
1.63	19.56	52.31	23475	33.81
1.64	19.68	52.82	23706	34.14
1.65	19.80	53.33	23936	34.47
1.66	19.92	53.85	24168	34.80
1.67	20.04	54.37	24401	35.14
1.68	20.16	54.89	24634	35.47
1.69	20.28	55.41	24868	35.81
1.70	20.40	55.93	25103	36.15
1.71	20.52	56.46	25339	36.49
1.72	20.64	56.99	25576	36.83
1.73	20.76	57.52	25814	37.17
1.74	20.88	58.05	26052	37.52
1.75	21.00	58.58	26291	37.86
1.76	21.12	59.12	26531	38.21
1.77	21.24	59.65	26772	38.55
1.78	21.36	60.19	27013	38.90
1.79	21.48	60.73	27256	39.25
1.80	21.60	61.27	27499	39.60
1.81	21.72	61.82	27743	39.95
1.82	21.84	62.36	27988	40.30
1.83	21.96	62.91	28233	40.66
1.84	22.08	63.46	28480	41.01
1.85	22.20	64.01	28727	41.37
1.86	22.32	64.56	28975	41.73
1.87	22.44	65.12	29224	42.08
1.88	22.56	65.67	29473	42.44
1.89	22.68	66.23	29724	42.80
1.90	22.80	66.79	29975	43.17
1.91	22.92	67.35	30227	43.53
1.92	23.04	67.91	30480	43.89
1.93	23.16	68.48	30733	44.26
1.94	23.28	69.05	30988	44.62
1.95	23.40	69.61	31243	44.99
1.96	23.52	70.18	31499	45.36
1.97	23.64	70.76	31755	45.73
1.98	23.76	71.33	32013	46.10
1.99	23.88	71.90	32271	46.47
2.00	24.00	72.48	32530	46.84



770.664.6513 (V) 770.664.6565 (F)

## Discharge Table For 72" Montana Flume

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
2.01	24.12	73.06	32789	47.22
2.02	24.24	73.64	33050	47.59
2.03	24.36	74.22	33311	47.97
2.04	24.48	74.81	33573	48.35
2.05	24.60	75.39	33836	48.73
2.06	24.72	75.98	34100	49.11
2.07	24.84	76.57	34364	49.49
2.08	24.96	77.16	34629	49.87
2.09	25.08	77.75	34895	50.25
2.10	25.20	78.35	35162	50.63
2.11	25.32	78.94	35429	51.02
2.12	25.44	79.54	35697	51.41
2.13	25.56	80.14	35966	51.79
2.14	25.68	80.74	36236	52.18
2.15	25.80	81.34	36506	52.57
2.16	25.92	81.95	36777	52.96
2.17	26.04	82.55	37049	53.35
2.18	26.16	83.16	37322	53.75
2.19	26.28	83.77	37595	54.14
2.20	26.40	84.38	37869	54.53
2.21	26.52	84.99	38144	54.93
2.22	26.64	85.60	38420	55.33
2.23	26.76	86.22	38696	55.72
2.24	26.88	86.84	38973	56.12
2.25	27.00	87.46	39251	56.52
2.26	27.12	88.08	39529	56.92
2.27	27.24	88.70	39809	57.33
2.28	27.36	89.32	40089	57.73
2.29	27.48	89.95	40369	58.13
2.30	27.60	90.58	40651	58.54
2.31	27.72	91.21	40933	58.95
2.32	27.84	91.84	41216	59.35
2.33	27.96	92.47	41499	59.76
2.34	28.08	93.10	41784	60.17
2.35	28.20	93.74	42069	60.58
2.36	28.32	94.37	42355	60.99
2.37	28.44	95.01	42641	61.41
2.38	28.56	95.65	42929	61.82
2.39	28.68	96.29	43217	62.23
2.40	28.80	96.94	43505	62.65
2.41	28.92	97.58	43795	63.07
2.42	29.04	98.23	44085	63.48
2.43	29.16	98.88	44376	63.90
2.44	29.28	99.53	44667	64.32
2.45	29.40	100.2	44959	64.74
2.46	29.52	100.8	45252	65.17
2.47	29.64	101.5	45546	65.59
2.48	29.76	102.1	45840	66.01
2.49	29.88	102.8	46136	66.44
2.50	30.00	103.5	46431	66.86