



770.664.6513 (V) 770.664.6565 (F)

Discharge Table For 60" Parshall Flume

Document: PAR60-D-T Date: 5-11-01 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	2.216	994.5	1.432
0.26	3.12	2.358	1058	1.524
0.27	3.24	2.504	1124	1.618
0.28	3.36	2.652	1190	1.714
0.29	3.48	2.804	1259	1.812
0.30	3.60	2.959	1328	1.913
0.31	3.72	3.117	1399	2.015
0.32	3.84	3.279	1471	2.119
0.33	3.96	3.443	1545	2.225
0.34	4.08	3.610	1620	2.333
0.35	4.20	3.780	1696	2.443
0.36	4.32	3.952	1774	2.554
0.37	4.44	4.128	1853	2.668
0.38	4.56	4.307	1933	2.783
0.39	4.68	4.488	2014	2.900
0.40	4.80	4.672	2097	3.019
0.41	4.92	4.859	2180	3.140
0.42	5.04	5.048	2266	3.262
0.43	5.16	5.240	2352	3.387
0.44	5.28	5.435	2439	3.512
0.45	5.40	5.632	2528	3.640
0.46	5.52	5.832	2617	3.769
0.47	5.64	6.034	2708	3.900
0.48	5.76	6.239	2800	4.033
0.49	5.88	6.447	2893	4.167
0.50	6.00	6.657	2988	4.302

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	6.870	3083	4.440
0.52	6.24	7.085	3180	4.579
0.53	6.36	7.302	3277	4.719
0.54	6.48	7.522	3376	4.861
0.55	6.60	7.744	3476	5.005
0.56	6.72	7.969	3576	5.150
0.57	6.84	8.196	3678	5.297
0.58	6.96	8.425	3781	5.445
0.59	7.08	8.657	3885	5.595
0.60	7.20	8.891	3990	5.746
0.61	7.32	9.127	4096	5.899
0.62	7.44	9.366	4203	6.053
0.63	7.56	9.607	4311	6.209
0.64	7.68	9.850	4421	6.366
0.65	7.80	10.10	4531	6.525
0.66	7.92	10.34	4642	6.685
0.67	8.04	10.59	4754	6.846
0.68	8.16	10.84	4867	7.009
0.69	8.28	11.10	4981	7.173
0.70	8.40	11.36	5096	7.339
0.71	8.52	11.61	5212	7.506
0.72	8.64	11.87	5329	7.674
0.73	8.76	12.14	5447	7.844
0.74	8.88	12.40	5566	8.015
0.75	9.00	12.67	5686	8.188
0.76	9.12	12.94	5807	8.362
0.77	9.24	13.21	5928	8.537
0.78	9.36	13.48	6051	8.714
0.79	9.48	13.76	6175	8.892
0.80	9.60	14.04	6299	9.071
0.81	9.72	14.32	6425	9.252
0.82	9.84	14.60	6551	9.434
0.83	9.96	14.88	6678	9.617
0.84	10.08	15.17	6806	9.801
0.85	10.20	15.45	6935	9.987
0.86	10.32	15.74	7065	10.17
0.87	10.44	16.03	7196	10.36
0.88	10.56	16.33	7328	10.55
0.89	10.68	16.62	7460	10.74
0.90	10.80	16.92	7594	10.94
0.91	10.92	17.22	7728	11.13
0.92	11.04	17.52	7863	11.32
0.93	11.16	17.82	8000	11.52
0.94	11.28	18.13	8136	11.72
0.95	11.40	18.44	8274	11.92
0.96	11.52	18.75	8413	12.12
0.97	11.64	19.06	8552	12.32
0.98	11.76	19.37	8693	12.52
0.99	11.88	19.68	8834	12.72
1.00	12.00	20.00	8976	12.93



770.664.6513 (V) 770.664.6906 (F)

Discharge Table For 60" Parshall Flume

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	20.32	9119	13.13
1.02	12.24	20.64	9263	13.34
1.03	12.36	20.96	9407	13.55
1.04	12.48	21.28	9552	13.76
1.05	12.60	21.61	9699	13.97
1.06	12.72	21.94	9846	14.18
1.07	12.84	22.27	9993	14.39
1.08	12.96	22.60	10142	14.61
1.09	13.08	22.93	10292	14.82
1.10	13.20	23.27	10442	15.04
1.11	13.32	23.60	10593	15.25
1.12	13.44	23.94	10745	15.47
1.13	13.56	24.28	10897	15.69
1.14	13.68	24.62	11051	15.91
1.15	13.80	24.97	11205	16.14
1.16	13.92	25.31	11360	16.36
1.17	14.04	25.66	11516	16.58
1.18	14.16	26.01	11672	16.81
1.19	14.28	26.36	11830	17.04
1.20	14.40	26.71	11988	17.26
1.21	14.52	27.07	12147	17.49
1.22	14.64	27.42	12307	17.72
1.23	14.76	27.78	12467	17.95
1.24	14.88	28.14	12628	18.19
1.25	15.00	28.50	12790	18.42
1.26	15.12	28.86	12953	18.65
1.27	15.24	29.23	13117	18.89
1.28	15.36	29.59	13281	19.13
1.29	15.48	29.96	13446	19.36
1.30	15.60	30.33	13612	19.60
1.31	15.72	30.70	13778	19.84
1.32	15.84	31.07	13946	20.08
1.33	15.96	31.45	14114	20.32
1.34	16.08	31.82	14282	20.57
1.35	16.20	32.20	14452	20.81
1.36	16.32	32.58	14622	21.06
1.37	16.44	32.96	14793	21.30
1.38	16.56	33.34	14965	21.55
1.39	16.68	33.73	15137	21.80
1.40	16.80	34.11	15311	22.05
1.41	16.92	34.50	15485	22.30
1.42	17.04	34.89	15659	22.55
1.43	17.16	35.28	15835	22.80
1.44	17.28	35.67	16011	23.06
1.45	17.40	36.07	16188	23.31
1.46	17.52	36.46	16365	23.57
1.47	17.64	36.86	16543	23.82
1.48	17.76	37.26	16722	24.08
1.49	17.88	37.66	16902	24.34
1.50	18.00	38.06	17082	24.60

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.51	18.12	38.47	17263	24.86
1.52	18.24	38.87	17445	25.12
1.53	18.36	39.28	17628	25.38
1.54	18.48	39.69	17811	25.65
1.55	18.60	40.10	17995	25.91
1.56	18.72	40.51	18179	26.18
1.57	18.84	40.92	18365	26.45
1.58	18.96	41.33	18551	26.71
1.59	19.08	41.75	18737	26.98
1.60	19.20	42.17	18925	27.25
1.61	19.32	42.59	19113	27.52
1.62	19.44	43.01	19302	27.80
1.63	19.56	43.43	19491	28.07
1.64	19.68	43.85	19681	28.34
1.65	19.80	44.28	19872	28.62
1.66	19.92	44.70	20063	28.89
1.67	20.04	45.13	20255	29.17
1.68	20.16	45.56	20448	29.45
1.69	20.28	45.99	20642	29.73
1.70	20.40	46.43	20836	30.01
1.71	20.52	46.86	21031	30.29
1.72	20.64	47.30	21226	30.57
1.73	20.76	47.73	21423	30.85
1.74	20.88	48.17	21619	31.13
1.75	21.00	48.61	21817	31.42
1.76	21.12	49.05	22015	31.70
1.77	21.24	49.50	22214	31.99
1.78	21.36	49.94	22413	32.28
1.79	21.48	50.39	22614	32.57
1.80	21.60	50.83	22814	32.85
1.81	21.72	51.28	23016	33.14
1.82	21.84	51.73	23218	33.44
1.83	21.96	52.19	23421	33.73
1.84	22.08	52.64	23624	34.02
1.85	22.20	53.09	23828	34.31
1.86	22.32	53.55	24033	34.61
1.87	22.44	54.01	24239	34.91
1.88	22.56	54.47	24445	35.20
1.89	22.68	54.93	24651	35.50
1.90	22.80	55.39	24859	35.80
1.91	22.92	55.85	25067	36.10
1.92	23.04	56.32	25275	36.40
1.93	23.16	56.78	25484	36.70
1.94	23.28	57.25	25694	37.00
1.95	23.40	57.72	25905	37.30
1.96	23.52	58.19	26116	37.61
1.97	23.64	58.66	26328	37.91
1.98	23.76	59.14	26540	38.22
1.99	23.88	59.61	26753	38.53
2.00	24.00	60.09	26967	38.83



770.664.6513 (V) 770.664.6565 (F)

Discharge Table For 60" Parshall Flume

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
2.01	24.12	60.56	27181	39.14
2.02	24.24	61.04	27396	39.45
2.03	24.36	61.52	27612	39.76
2.04	24.48	62.00	27828	40.07
2.05	24.60	62.49	28045	40.39
2.06	24.72	62.97	28262	40.70
2.07	24.84	63.46	28480	41.01
2.08	24.96	63.95	28699	41.33
2.09	25.08	64.43	28918	41.64
2.10	25.20	64.92	29138	41.96
2.11	25.32	65.42	29358	42.28
2.12	25.44	65.91	29580	42.60
2.13	25.56	66.40	29801	42.92
2.14	25.68	66.90	30024	43.24
2.15	25.80	67.39	30247	43.56
2.16	25.92	67.89	30470	43.88
2.17	26.04	68.39	30694	44.20
2.18	26.16	68.89	30919	44.53
2.19	26.28	69.40	31144	44.85
2.20	26.40	69.90	31370	45.18
2.21	26.52	70.40	31597	45.50
2.22	26.64	70.91	31824	45.83
2.23	26.76	71.42	32052	46.16
2.24	26.88	71.93	32281	46.49
2.25	27.00	72.44	32510	46.82
2.26	27.12	72.95	32739	47.15
2.27	27.24	73.46	32969	47.48
2.28	27.36	73.98	33200	47.81
2.29	27.48	74.49	33432	48.14
2.30	27.60	75.01	33664	48.48
2.31	27.72	75.53	33896	48.81
2.32	27.84	76.05	34129	49.15
2.33	27.96	76.57	34363	49.48
2.34	28.08	77.09	34597	49.82
2.35	28.20	77.61	34832	50.16
2.36	28.32	78.14	35068	50.50
2.37	28.44	78.66	35304	50.84
2.38	28.56	79.19	35541	51.18
2.39	28.68	79.72	35778	51.52
2.40	28.80	80.25	36016	51.87
2.41	28.92	80.78	36254	52.21
2.42	29.04	81.31	36493	52.55
2.43	29.16	81.85	36733	52.90
2.44	29.28	82.38	36973	53.24
2.45	29.40	82.92	37214	53.59
2.46	29.52	83.46	37455	53.94
2.47	29.64	84.00	37697	54.29
2.48	29.76	84.54	37940	54.64
2.49	29.88	85.08	38183	54.99
2.50	30.00	85.62	38426	55.34