

15 in. The-Mar Co. Volumetric Weir Discharge Table

HEAD	HEAD	CFS	GPS	GPM	GPD	MGD	LPS	CMH
Feet	MM							
0.016	5	0.0001	0.0007	0.0396	57	0.0001	0.0025	0.0090
0.023	7	0.0002	0.0013	0.0799	115	0.0001	0.0050	0.0181
0.030	9	0.0004	0.0030	0.1806	260	0.0003	0.0114	0.0410
0.036	11	0.0007	0.0054	0.3222	464	0.0005	0.0203	0.0732
0.043	13	0.0011	0.0085	0.5104	735	0.0007	0.0322	0.1159
0.049	15	0.0016	0.0123	0.7389	1,064	0.0011	0.0466	0.1678
0.056	17	0.0023	0.0169	1.0125	1,458	0.0015	0.0639	0.2300
0.062	19	0.0030	0.0222	1.3306	1,916	0.0019	0.0839	0.3022
0.069	21	0.0038	0.0282	1.6944	2,440	0.0024	0.1069	0.3849
0.075	23	0.0047	0.0351	2.1056	3,032	0.0030	0.1328	0.4783
0.082	25	0.0057	0.0427	2.5618	3,689	0.0037	0.1616	0.5819
0.089	27	0.0094	0.0703	4.2194	6,076	0.0061	0.2662	0.9585
0.095	29	0.0115	0.0863	5.1771	7,455	0.0075	0.3266	1.1760
0.102	31	0.0171	0.1277	7.6597	11,030	0.0110	0.4832	1.7399
0.108	33	0.0223	0.1664	9.9861	14,380	0.0144	0.6300	2.2684
0.115	35	0.0266	0.1993	11.9583	17,220	0.0172	0.7544	2.7164
0.121	37	0.0336	0.2513	15.0764	21,710	0.0217	0.9511	3.4246
0.128	39	0.0396	0.2963	17.7778	25,600	0.0256	1.1215	4.0383
0.135	41	0.0456	0.3407	20.4444	29,440	0.0294	1.2897	4.6440
0.141	43	0.0519	0.3878	23.2708	33,510	0.0335	1.4680	5.2860
0.148	45	0.0587	0.4394	26.3611	37,960	0.0380	1.6629	5.9880
0.154	47	0.0651	0.4870	29.2222	42,080	0.0421	1.8434	6.6379
0.161	49	0.0721	0.5395	32.3681	46,610	0.0466	2.0419	7.3525
0.167	51	0.0794	0.5936	35.6181	51,290	0.0513	2.2469	8.0907
0.174	53	0.0868	0.6495	38.9722	56,120	0.0561	2.4585	8.8526
0.180	55	0.0946	0.7073	42.4375	61,110	0.0611	2.6771	9.6398
0.187	57	0.1025	0.7667	46.0000	66,240	0.0662	2.9018	10.4490
0.194	59	0.1088	0.8141	48.8472	70,340	0.0703	3.0814	11.0958
0.200	61	0.1171	0.8758	52.5486	75,670	0.0757	3.3149	11.9366
0.207	63	0.1255	0.9390	56.3403	81,130	0.0811	3.5541	12.7979
0.213	65	0.1342	1.0037	60.2222	86,720	0.0867	3.7990	13.6796
0.220	67	0.1418	1.0605	63.6319	91,630	0.0916	4.0141	14.4542
0.226	69	0.1508	1.1277	67.6597	97,430	0.0974	4.2682	15.3691
0.233	71	0.1585	1.1855	71.1319	102,430	0.1024	4.4872	16.1578
0.240	73	0.1678	1.2547	75.2847	108,410	0.1084	4.7492	17.1011
0.246	75	0.1772	1.3252	79.5139	114,500	0.1145	5.0160	18.0618
0.253	77	0.1868	1.3970	83.8194	120,700	0.1207	5.2876	19.0398
0.259	79	0.1965	1.4700	88.2014	127,010	0.1270	5.5640	20.0352
0.266	81	0.2065	1.5442	92.6528	133,420	0.1334	5.8448	21.0463
0.272	83	0.2166	1.6197	97.1806	139,940	0.1399	6.1305	22.0748

0.279	85	0.2270	1.6976	101.8542	146,670	0.1467	6.4253	23.1365
0.285	87	0.2397	1.7926	107.5556	154,880	0.1549	6.7850	24.4315
0.292	89	0.2529	1.8919	113.5139	163,460	0.1635	7.1608	25.7850
0.299	91	0.2666	1.9939	119.6319	172,270	0.1723	7.5468	27.1747
0.305	93	0.2827	2.1146	126.8750	182,700	0.1827	8.0037	28.8200
0.312	95	0.2975	2.2248	133.4861	192,220	0.1922	8.4207	30.3217
0.318	97	0.3123	2.3360	140.1597	201,830	0.2018	8.8417	31.8377
0.325	99	0.3290	2.4604	147.6250	212,580	0.2126	9.3127	33.5334
0.331	101	0.3461	2.5883	155.2986	223,630	0.2236	9.7968	35.2765
0.338	103	0.3623	2.7096	162.5764	234,110	0.2341	10.2559	36.9297
0.344	105	0.3788	2.8331	169.9861	244,780	0.2448	10.7233	38.6128
0.351	107	0.3957	2.9596	177.5764	255,710	0.2557	11.2021	40.3370
0.358	109	0.4130	3.0889	185.3333	266,880	0.2669	11.6914	42.0990
0.364	111	0.4272	3.1950	191.7014	276,050	0.2761	12.0932	43.5455
0.371	113	0.4384	3.2791	196.7431	283,310	0.2833	12.4112	44.6907
0.377	115	0.4556	3.4076	204.4583	294,420	0.2944	12.8979	46.4433
0.384	117	0.4694	3.5110	210.6597	303,350	0.3034	13.2891	47.8519
0.390	119	0.4833	3.6149	216.8958	312,330	0.3123	13.6825	49.2685
0.397	121	0.4969	3.7168	223.0069	321,130	0.3211	14.0680	50.6566
0.404	123	0.5113	3.8244	229.4653	330,430	0.3304	14.4754	52.1237
0.410	125	0.5254	3.9299	235.7917	339,540	0.3395	14.8745	53.5607
0.417	127	0.5396	4.0358	242.1458	348,690	0.3487	15.2754	55.0041
0.423	129	0.5546	4.1481	248.8889	358,400	0.3584	15.7007	56.5358
0.430	131	0.5689	4.2552	255.3125	367,650	0.3677	16.1060	57.9949
0.436	133	0.5832	4.3623	261.7361	376,900	0.3769	16.5112	59.4541
0.443	135	0.5976	4.4696	268.1736	386,170	0.3862	16.9173	60.9164
0.449	137	0.6119	4.5770	274.6181	395,450	0.3955	17.3238	62.3803
0.456	139	0.6263	4.6841	281.0486	404,710	0.4047	17.7295	63.8410
0.463	141	0.6407	4.7922	287.5347	414,050	0.4141	18.1386	65.3143
0.469	143	0.6552	4.9002	294.0139	423,380	0.4234	18.5474	66.7861
0.476	145	0.6698	5.0101	300.6042	432,870	0.4329	18.9631	68.2831
0.482	147	0.6843	5.1181	307.0833	442,200	0.4422	19.3718	69.7548
0.489	149	0.6987	5.2260	313.5625	451,530	0.4515	19.7806	71.2266
0.495	151	0.7132	5.3341	320.0486	460,870	0.4609	20.1897	72.6999
0.502	153	0.7276	5.4422	326.5347	470,210	0.4702	20.5989	74.1733
0.509	155	0.7421	5.5503	333.0208	479,550	0.4796	21.0081	75.6466
0.515	157	0.7566	5.6586	339.5139	488,900	0.4889	21.4177	77.1215
0.522	159	0.7710	5.7668	346.0069	498,250	0.4983	21.8273	78.5964
0.528	161	0.7855	5.8751	352.5069	507,610	0.5076	22.2373	80.0729
0.535	163	0.8000	5.9834	359.0069	516,970	0.5170	22.6474	81.5494
0.541	165	0.8145	6.0918	365.5069	526,330	0.5263	23.0574	83.0259
0.548	167	0.8290	6.2001	372.0069	535,690	0.5357	23.4674	84.5024
0.554	169	0.8435	6.3087	378.5208	545,070	0.5451	23.8784	85.9821
0.561	171	0.8580	6.4171	385.0278	554,440	0.5544	24.2888	87.4601

0.568	173	0.8725	6.5257	391.5417	563,820	0.5638	24.6998	88.9398
0.574	175	0.8870	6.6343	398.0556	573,200	0.5732	25.1107	90.4194
0.581	177	0.9015	6.7429	404.5764	582,590	0.5826	25.5220	91.9007
0.587	179	0.9161	6.8516	411.0972	591,980	0.5920	25.9334	93.3819
0.594	181	0.9306	6.9603	417.6181	601,370	0.6014	26.3447	94.8631
0.600	183	0.9451	7.0691	424.1458	610,770	0.6108	26.7565	96.3459
0.607	185	0.9597	7.1779	430.6736	620,170	0.6202	27.1683	97.8287