



V-Notch Weir Chart

WATER FLOW RATES OVER A V-NOTCH WEIR

Height mm	Flow l/sec	Flow l/hour	Flow gal/hr	Height mm	Flow l/sec	Flow l/hour	Flow gal/hr
11	0.02	64	14	61	1.29	4,653	1,024
12	0.02	80	18	62	1.35	4,846	1,066
13	0.03	98	21	63	1.40	5,043	1,110
14	0.03	117	26	64	1.46	5,246	1,154
15	0.04	140	31	65	1.51	5,453	1,200
16	0.05	164	36	66	1.57	5,665	1,246
17	0.05	191	42	67	1.63	5,882	1,294
18	0.06	220	48	68	1.70	6,104	1,343
19	0.07	252	55	69	1.76	6,331	1,393
20	0.08	286	63	70	1.82	6,563	1,444
21	0.09	324	71	71	1.89	6,800	1,496
22	0.10	363	80	72	1.96	7,042	1,549
23	0.11	406	89	73	2.02	7,289	1,604
24	0.13	452	99	74	2.09	7,541	1,659
25	0.14	500	110	75	2.17	7,799	1,716
26	0.15	552	121	76	2.24	8,061	1,773
27	0.17	606	133	77	2.31	8,329	1,832
28	0.18	664	146	78	2.39	8,602	1,892
29	0.20	725	160	79	2.47	8,880	1,954
30	0.22	789	174	80	2.55	9,164	2,016
31	0.24	857	188	81	2.63	9,453	2,080
32	0.26	927	204	82	2.71	9,748	2,145
33	0.28	1,002	220	83	2.79	10,048	2,210
34	0.30	1,079	237	84	2.88	10,353	2,278
35	0.32	1,160	255	85	2.96	10,664	2,346
36	0.35	1,245	274	86	3.05	10,980	2,416
37	0.37	1,333	293	87	3.14	11,302	2,487
38	0.40	1,425	314	88	3.23	11,630	2,559
39	0.42	1,521	335	89	3.32	11,963	2,632
40	0.45	1,620	356	90	3.42	12,302	2,706
41	0.48	1,723	379	91	3.51	12,647	2,782
42	0.51	1,830	403	92	3.61	12,997	2,859
43	0.54	1,941	427	93	3.71	13,353	2,938
44	0.57	2,056	452	94	3.81	13,715	3,017
45	0.60	2,175	478	95	3.91	14,082	3,098



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46	0.64	2,298	505	96	4.02	14,456	3,180
47	0.67	2,424	533	97	4.12	14,835	3,264
48	0.71	2,555	562	98	4.23	15,221	3,349
49	0.75	2,691	592	99	4.34	15,612	3,435
50	0.79	2,830	623	100	4.45	16,009	3,522
51	0.83	2,974	654	101	4.56	16,412	3,611
52	0.87	3,122	687	102	4.67	16,822	3,701
53	0.91	3,274	720	103	4.79	17,237	3,792
54	0.95	3,430	755	104	4.91	17,658	3,885
55	1.00	3,592	790	105	5.02	18,086	3,979
56	1.04	3,757	827	106	5.14	18,520	4,074
57	1.09	3,927	864	107	5.27	18,960	4,171
58	1.14	4,101	902	108	5.39	19,406	4,269
59	1.19	4,281	942	109	5.52	19,858	4,369
60	1.24	4,464	982	110	5.64	20,317	4,470
111	5.77	20,782	4,572	161	14.63	52,654	11,584
112	5.90	21,253	4,676	162	14.85	53,476	11,765
113	6.04	21,730	4,781	163	15.08	54,305	11,947
114	6.17	22,214	4,887	164	15.32	55,142	12,131
115	6.31	22,705	4,995	165	15.55	55,986	12,317
116	6.44	23,201	5,104	166	15.79	56,838	12,504
117	6.58	23,705	5,215	167	16.03	57,698	12,694
118	6.73	24,214	5,327	168	16.27	58,566	12,884
119	6.87	24,731	5,441	169	16.51	59,441	13,077
120	7.01	25,254	5,556	170	16.76	60,324	13,271
121	7.16	25,783	5,672	171	17.00	61,215	13,467
122	7.31	26,319	5,790	172	17.25	62,114	13,665
123	7.46	26,862	5,910	173	17.51	63,021	13,865
124	7.61	27,411	6,030	174	17.76	63,936	14,066
125	7.77	27,967	6,153	175	18.02	64,858	14,269
126	7.92	28,530	6,277	176	18.27	65,789	14,474
127	8.08	29,099	6,402	177	18.54	66,727	14,680
128	8.24	29,675	6,529	178	18.80	67,674	14,888
129	8.41	30,258	6,657	179	19.06	68,628	15,098
130	8.57	30,848	6,787	180	19.33	69,591	15,310



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Height <i>mm</i>	Flow <i>l/sec</i>	Flow <i>l/hour</i>	Flow <i>gal/hr</i>	Height <i>mm</i>	Flow <i>l/sec</i>	Flow <i>l/hour</i>	Flow <i>gal/hr</i>
131	8.73	31,445	6,918	181	19.60	70,561	15,523
132	8.90	32,048	7,051	182	19.87	71,540	15,739
133	9.07	32,659	7,185	183	20.15	72,527	15,956
134	9.24	33,276	7,321	184	20.42	73,521	16,175
135	9.42	33,900	7,458	185	20.70	74,524	16,395
136	9.59	34,532	7,597	186	20.98	75,536	16,618
138	9.95	35,815	7,879	188	21.55	77,583	17,068
139	10.13	36,468	8,023	189	21.84	78,618	17,296
140	10.31	37,127	8,168	190	22.13	79,662	17,526
141	10.50	37,794	8,315	191	22.42	80,715	17,757
142	10.69	38,467	8,463	192	22.72	81,775	17,991
143	10.87	39,148	8,613	193	23.01	82,844	18,226
144	11.07	39,836	8,764	194	23.31	83,922	18,463
145	11.26	40,531	8,917	195	23.61	85,007	18,702
146	11.45	41,234	9,071	196	23.92	86,101	18,942
147	11.65	41,943	9,228	197	24.22	87,204	19,185
148	11.85	42,660	9,385	198	24.53	88,315	19,429
149	12.05	43,385	9,545	199	24.84	89,434	19,675
150	12.25	44,116	9,706	200	25.16	90,562	19,924
151	12.46	44,855	9,868	201	25.47	91,698	20,174
152	12.67	45,601	10,032	202	25.79	92,843	20,425
153	12.88	46,355	10,198	203	26.11	93,996	20,679
154	13.09	47,116	10,366	204	26.43	95,158	20,935
155	13.30	47,885	10,535	205	26.76	96,328	21,192
156	13.52	48,661	10,705	206	27.09	97,507	21,452
157	13.73	49,445	10,878	207	27.42	98,695	21,713
158	13.95	50,236	11,052	208	27.75	99,891	21,976
159	14.18	51,034	11,228	209	28.08	101,096	22,241
160	14.40	51,841	11,405	210	28.42	102,310	22,508