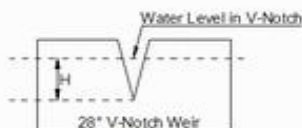


Quick Ref Table for V-Notch Weir, 0 to 64 l/s

28°V

Height Above Cease to Flow Point in mm	Discharge in l/s (Litres per Second)									
	0	1	2	3	4	5	6	7	8	9
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02
20	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.05	0.05
30	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10
40	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.18	0.18
50	0.19	0.20	0.21	0.22	0.24	0.25	0.26	0.27	0.28	0.29
60	0.31	0.32	0.33	0.35	0.36	0.37	0.39	0.40	0.42	0.43
70	0.45	0.47	0.48	0.50	0.52	0.54	0.55	0.57	0.59	0.61
80	0.63	0.65	0.67	0.69	0.71	0.73	0.75	0.78	0.80	0.82
90	0.84	0.87	0.89	0.92	0.94	0.97	0.99	1.02	1.04	1.07
100	1.10	1.13	1.15	1.18	1.21	1.24	1.27	1.30	1.33	1.36
110	1.39	1.43	1.46	1.49	1.52	1.56	1.59	1.63	1.66	1.70
120	1.73	1.77	1.81	1.84	1.88	1.92	1.96	2.00	2.04	2.08
130	2.12	2.16	2.20	2.24	2.28	2.33	2.37	2.41	2.46	2.50
140	2.55	2.59	2.64	2.69	2.73	2.78	2.83	2.88	2.93	2.98
150	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5
160	3.6	3.6	3.7	3.7	3.8	3.8	3.9	4.0	4.0	4.1
170	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.6	4.6	4.7
180	4.8	4.8	4.9	5.0	5.0	5.1	5.2	5.3	5.3	5.4
190	5.5	5.5	5.6	5.7	5.8	5.8	5.9	6.0	6.1	6.1
200	6.2	6.3	6.4	6.4	6.5	6.6	6.7	6.8	6.9	6.9
210	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.8
220	7.9	8.0	8.1	8.2	8.2	8.3	8.4	8.5	8.6	8.7
230	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7
240	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7
250	10.9	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.9
260	12.0	12.1	12.2	12.3	12.4	12.6	12.7	12.8	12.9	13.0
270	13.2	13.3	13.4	13.5	13.6	13.8	13.9	14.0	14.2	14.3
280	14.4	14.5	14.7	14.8	14.9	15.1	15.2	15.3	15.5	15.6
290	15.7	15.9	16.0	16.1	16.3	16.4	16.6	16.7	16.8	17.0
300	17.1	17.3	17.4	17.6	17.7	17.8	18.0	18.1	18.3	18.4
310	18.6	18.7	18.9	19.0	19.2	19.3	19.5	19.6	19.8	20.0
320	20.1	20.3	20.4	20.6	20.8	20.9	21.1	21.2	21.4	21.6
330	21.7	21.9	22.1	22.2	22.4	22.6	22.7	22.9	23.1	23.2
340	23.4	23.6	23.8	23.9	24.1	24.3	24.5	24.6	24.8	25.0
350	25.2	25.3	25.5	25.7	25.9	26.1	26.3	26.4	26.6	26.8
360	27.0	27.2	27.4	27.6	27.8	28.0	28.1	28.3	28.5	28.7
370	28.9	29.1	29.3	29.5	29.7	29.9	30.1	30.3	30.5	30.7
380	30.9	31.1	31.3	31.5	31.7	31.9	32.1	32.4	32.6	32.8
390	33.0	33.2	33.4	33.6	33.8	34.1	34.3	34.5	34.7	34.9
400	35.1	35.4	35.6	35.8	36.0	36.3	36.5	36.7	36.9	37.2
410	37.4	37.6	37.8	38.1	38.3	38.5	38.8	39.0	39.2	39.5
420	39.7	39.9	40.2	40.4	40.7	40.9	41.1	41.4	41.6	41.9
430	42.1	42.4	42.6	42.8	43.1	43.3	43.6	43.8	44.1	44.3
440	44.6	44.9	45.1	45.4	45.6	45.9	46.1	46.4	46.7	46.9
450	47.2	47.4	47.7	48.0	48.2	48.5	48.8	49.0	49.3	49.6
460	49.8	50.1	50.4	50.7	50.9	51.2	51.5	51.8	52.0	52.3
470	52.6	52.9	53.2	53.4	53.7	54.0	54.3	54.6	54.9	55.1
480	55.4	55.7	56.0	56.3	56.6	56.9	57.2	57.5	57.8	58.1
490	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5	60.8	61.1
500	61.4	61.7	62.0	62.3	62.6	62.9	63.3	63.6	63.9	64.2

If the water level when measured is, say 65mm above the cease to flow level. Go to the left column, then come down the left column till you reach 60, then across to the right to the 5 column, your now at 60 + 5 = 65. The flow is 0.37 litres per second. Try 38mm, it should be 0.1 l/s.

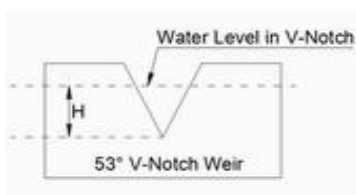


Quick Ref Table for V-Notch Weir, 0 to 125 l/s

53°V

Height Above Cease to Flow Point in mm	Discharge in l/s (Litres per Second)									
	0	1	2	3	4	5	6	7	8	9
0	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.003	0.004	0.005
10	0.007	0.009	0.011	0.013	0.016	0.019	0.022	0.026	0.030	0.034
20	0.039	0.044	0.049	0.055	0.061	0.067	0.074	0.082	0.090	0.098
30	0.11	0.12	0.13	0.13	0.15	0.16	0.17	0.18	0.19	0.20
40	0.22	0.23	0.25	0.26	0.28	0.29	0.31	0.33	0.34	0.36
50	0.38	0.40	0.42	0.44	0.46	0.48	0.51	0.53	0.55	0.58
60	0.60	0.63	0.65	0.68	0.71	0.74	0.76	0.79	0.82	0.85
70	0.88	0.92	0.95	0.98	1.02	1.05	1.09	1.12	1.16	1.20
80	1.24	1.27	1.31	1.35	1.40	1.44	1.48	1.52	1.57	1.61
90	1.66	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10
100	2.16	2.21	2.27	2.32	2.38	2.44	2.50	2.56	2.62	2.68
110	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3
120	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.1
130	4.2	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9
140	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8
150	5.9	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.8	6.9
160	7.0	7.1	7.2	7.3	7.4	7.5	7.7	7.8	7.9	8.0
170	8.1	8.3	8.4	8.5	8.6	8.7	8.9	9.0	9.1	9.3
180	9.4	9.5	9.6	9.8	9.9	10.0	10.2	10.3	10.5	10.6
190	10.7	10.9	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1
200	12.2	12.4	12.5	12.7	12.8	13.0	13.1	13.3	13.5	13.6
210	13.8	14.0	14.1	14.3	14.5	14.6	14.8	15.0	15.1	15.3
220	15.5	15.7	15.8	16.0	16.2	16.4	16.6	16.8	16.9	17.1
230	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.7	18.9	19.1
240	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	21.1
250	21.3	21.5	21.8	22.0	22.2	22.4	22.6	22.8	23.1	23.3
260	23.5	23.7	24.0	24.2	24.4	24.7	24.9	25.1	25.4	25.6
270	25.8	26.1	26.3	26.6	26.8	27.1	27.3	27.6	27.8	28.1
280	28.3	28.6	28.8	29.1	29.3	29.6	29.9	30.1	30.4	30.6
290	30.9	31.2	31.4	31.7	32.0	32.3	32.5	32.8	33.1	33.4
300	33.6	33.9	34.2	34.5	34.8	35.1	35.3	35.6	35.9	36.2
310	36.5	36.8	37.1	37.4	37.7	38.0	38.3	38.6	38.9	39.2
320	39.5	39.8	40.1	40.5	40.8	41.1	41.4	41.7	42.0	42.4
330	42.7	43.0	43.3	43.7	44.0	44.3	44.7	45.0	45.3	45.7
340	46.0	46.3	46.7	47.0	47.4	47.7	48.1	48.4	48.8	49.1
350	49.5	49.8	50.2	50.5	50.9	51.2	51.6	52.0	52.3	52.7
360	53.1	53.4	53.8	54.2	54.5	54.9	55.3	55.7	56.1	56.4
370	56.8	57.2	57.6	58.0	58.4	58.8	59.2	59.6	59.9	60.3
380	60.7	61.1	61.5	61.9	62.4	62.8	63.2	63.6	64.0	64.4
390	64.8	65.2	65.7	66.1	66.5	66.9	67.3	67.8	68.2	68.6
400	69.1	69.5	69.9	70.4	70.8	71.2	71.7	72.1	72.6	73.0
410	73.5	73.9	74.4	74.8	75.3	75.7	76.2	76.6	77.1	77.5
420	78.0	78.5	78.9	79.4	79.9	80.4	80.8	81.3	81.8	82.3
430	82.7	83.2	83.7	84.2	84.7	85.2	85.7	86.1	86.6	87.1
440	87.6	88.1	88.6	89.1	89.6	90.1	90.7	91.2	91.7	92.2
450	92.7	93.2	93.7	94.3	94.8	95.3	95.8	96.3	96.9	97.4
460	97.9	98.5	99.0	99.5	100.1	100.6	101.2	101.7	102.2	102.8
470	103.3	103.9	104.4	105.0	105.6	106.1	106.7	107.2	107.8	108.4
480	108.9	109.5	110.1	110.6	111.2	111.8	112.4	112.9	113.5	114.1
490	114.7	115.3	115.9	116.5	117.0	117.6	118.2	118.8	119.4	120.0
500	120.6	121.2	121.8	122.5	123.1	123.7	124.3	124.9	125.5	126.1

If the water level when measured is, say 65mm above the cease to flow level. Go to the left column, then come down the left column till you reach 60, then across to the right to the 5 column, your now at 60 + 5 = 65. The flow is 0.735 litres per second. Try 17mm, it should be 0.026 l/s.



Quick Ref Table for V-Notch Weir, 0 to 250 l/s										
Height Above Cease to Flow Point in mm	Discharge in l/s (Litres per Second)									
	0	1	2	3	4	5	6	7	8	9
0	0.000	0.000	0.000	0.001	0.001	0.002	0.004	0.006	0.008	0.010
10	0.014	0.017	0.022	0.026	0.032	0.038	0.044	0.051	0.059	0.068
20	0.077	0.087	0.098	0.110	0.122	0.135	0.149	0.164	0.179	0.195
30	0.21	0.23	0.25	0.27	0.29	0.31	0.34	0.36	0.38	0.41
40	0.44	0.46	0.49	0.52	0.55	0.59	0.62	0.65	0.69	0.73
50	0.76	0.80	0.84	0.88	0.92	0.97	1.01	1.06	1.11	1.15
60	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7
70	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2	2.3	2.4
80	2.5	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2
90	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2
100	4.3	4.4	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.4
110	5.5	5.6	5.7	5.9	6.0	6.1	6.3	6.4	6.5	6.7
120	6.8	7.0	7.1	7.2	7.4	7.5	7.7	7.8	8.0	8.2
130	8.3	8.5	8.6	8.8	9.0	9.1	9.3	9.5	9.7	9.8
140	10.0	10.2	10.4	10.6	10.7	10.9	11.1	11.3	11.5	11.7
150	11.9	12.1	12.3	12.5	12.7	12.9	13.1	13.3	13.5	13.8
160	14.0	14.2	14.4	14.6	14.9	15.1	15.3	15.6	15.8	16.0
170	16.3	16.5	16.7	17.0	17.2	17.5	17.7	18.0	18.2	18.5
180	18.8	19.0	19.3	19.6	19.8	20.1	20.4	20.6	20.9	21.2
190	21.5	21.8	22.0	22.3	22.6	22.9	23.2	23.5	23.8	24.1
200	24.4	24.7	25.0	25.3	25.7	26.0	26.3	26.6	26.9	27.3
210	27.6	27.9	28.2	28.6	28.9	29.3	29.6	29.9	30.3	30.6
220	31.0	31.3	31.7	32.1	32.4	32.8	33.1	33.5	33.9	34.3
230	34.6	35.0	35.4	35.8	36.2	36.5	36.9	37.3	37.7	38.1
240	38.5	38.9	39.3	39.7	40.1	40.6	41.0	41.4	41.8	42.2
250	42.7	43.1	43.5	43.9	44.4	44.8	45.3	45.7	46.2	46.6
260	47.1	47.5	48.0	48.4	48.9	49.3	49.8	50.3	50.8	51.2
270	51.7	52.2	52.7	53.2	53.6	54.1	54.6	55.1	55.6	56.1
280	56.6	57.1	57.6	58.2	58.7	59.2	59.7	60.2	60.8	61.3
290	61.8	62.4	62.9	63.4	64.0	64.5	65.1	65.6	66.2	66.7
300	67.3	67.8	68.4	69.0	69.6	70.1	70.7	71.3	71.9	72.4
310	73.0	73.6	74.2	74.8	75.4	76.0	76.6	77.2	77.8	78.5
320	79.1	79.7	80.3	80.9	81.6	82.2	82.8	83.5	84.1	84.7
330	85.4	86.0	86.7	87.3	88.0	88.7	89.3	90.0	90.7	91.3
340	92.0	92.7	93.4	94.1	94.7	95.4	96.1	96.8	97.5	98.2
350	98.9	99.6	100.3	101.1	101.8	102.5	103.2	103.9	104.7	105.4
360	106.1	106.9	107.6	108.4	109.1	109.9	110.6	111.4	112.1	112.9
370	113.7	114.4	115.2	116.0	116.8	117.5	118.3	119.1	119.9	120.7
380	121.5	122.3	123.1	123.9	124.7	125.5	126.4	127.2	128.0	128.8
390	129.7	130.5	131.3	132.2	133.0	133.9	134.7	135.6	136.4	137.3
400	138.1	139.0	139.9	140.7	141.6	142.5	143.4	144.3	145.1	146.0
410	146.9	147.8	148.7	149.6	150.5	151.4	152.4	153.3	154.2	155.1
420	156.0	157.0	157.9	158.8	159.8	160.7	161.7	162.6	163.6	164.5
430	165.5	166.5	167.4	168.4	169.4	170.4	171.3	172.3	173.3	174.3
440	175.3	176.3	177.3	178.3	179.3	180.3	181.3	182.3	183.4	184.4
450	185.4	186.5	187.5	188.5	189.6	190.6	191.7	192.7	193.8	194.8
460	195.9	197.0	198.0	199.1	200.2	201.3	202.3	203.4	204.5	205.6
470	206.7	207.8	208.9	210.0	211.1	212.3	213.4	214.5	215.6	216.8
480	217.9	219.0	220.2	221.3	222.5	223.6	224.8	225.9	227.1	228.2
490	229.4	230.6	231.8	232.9	234.1	235.3	236.5	237.7	238.9	240.1
500	241.3	242.5	243.7	244.9	246.2	247.4	248.6	249.8	251.1	252.3

If the water level when measured is, say 65mm above the cease to flow level. Go to the left column, then come down the left column till you reach 60, then across to the right to the 5 column, your now at 60 + 5 = 65. The flow is 1.5 litres per second. Try 17mm, it should be 0.051 l/s.

