



**V-notch weirs**

**Thin Plate Free-Flow Discharge Table**

<b>Weir Angle</b>	<b>GPM</b>	<b>MGD</b>	<b>CFS</b>	<b>l/s</b>	<b>m3/hr</b>
22.5 Degree	223 H <sup>2.5</sup>	0.321 H <sup>2.5</sup>	0.497 H <sup>2.5</sup>	274 H <sup>2.5</sup>	988 H <sup>2.5</sup>
30 Degree	303 H <sup>2.5</sup>	0.437 H <sup>2.5</sup>	0.676 H <sup>2.5</sup>	373 H <sup>2.5</sup>	1304 H <sup>2.5</sup>
45 Degree	465 H <sup>2.5</sup>	0.669 H <sup>2.5</sup>	1.04 H <sup>2.5</sup>	571 H <sup>2.5</sup>	2060 H <sup>2.5</sup>
60 Degree	648 H <sup>2.5</sup>	0.9333 H <sup>2.5</sup>	1.44 H <sup>2.5</sup>	797 H <sup>2.5</sup>	2870 H <sup>2.5</sup>
90 Degree	1120 H <sup>2.5</sup>	1.62 H <sup>2.5</sup>	2.50 H <sup>2.5</sup>	1308 H <sup>2.5</sup>	4970 H <sup>2.5</sup>
120 Degree	1904 H <sup>2.5</sup>	2.80 H <sup>2.5</sup>	4.33 H <sup>2.5</sup>	2390 H <sup>2.5</sup>	8610 H <sup>2.5</sup>
	H is Head in Feet	H is Head in Feet	H is Head in Feet	H is Head in meters	H is Head in meters