

MEASUREMENT OF LOW FLOW RATES USING MEASURING WEIR

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The paper deals with the results of measurements of the weirs suitable for measuring small or minimal discharge. The research is focus on determination of the discharge coefficients for low weir heads. The results of measurements for triangular, rectangular and circular weir are present. Measured discharge coefficients are compare with the equations according to different authors. For every equations was compared their suitability of their use for low weir heads. Experiments with semi-circular crest are also present. Several weir positions against the channel centre line in the stream is compare.