

James Thompson  
St. Louis  
Callington

### FLOW OF WATER IN RIVERS.

During the past two years observations have been made under the direction of the Superintendent of the Lake Survey, Gen. W. F. Reynolds, upon the flow of waters in the several rivers which connect the several lakes. The following are the results of last year's work:

Rivers.	Maximum velocity. Miles per hour.	Mean velocity. Miles per hour.	Discharge cubic feet per sec- ond.
St. Marie.....	1.30	0.66	90,783
St. Clair.....	3.09	2.39	233,726
Detroit.....	2.71	2.04	236,000
Niagara.....	2.32	1.54	242,494
St. Lawrence.....	1.00	0.65	319,943

The river gauging is under charge of D. Farrand Henry, Assistant Engineer of the Lake Survey Department, who, the *Journal of the Franklin Institute*, from which we copy, says, "has conducted the work with much care and skill. He devised a 'telegraph current meter,' which is said to be more delicate and perfect than anything of the kind heretofore used, and hence the results will be of much value."

Mr. Henry is a native of Detroit and a son of one of the early eminent medical practitioners in this city. He entered this branch of the public service many years ago and devoted himself entirely to its interests.

Assistant-Ladies  
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