

584. In addition to this, the canals on the St. Lawrence system are the Welland, from Port Colborne on Lake Erie to Port Dalhousie on Lake Ontario, $26\frac{3}{4}$ miles in length by the enlarged or new line, with 26 locks, and a total rise of $326\frac{3}{4}$ feet; and, along the St. Lawrence, the Galops, $7\frac{5}{8}$ miles in length, with three locks and a rise of $15\frac{3}{4}$ feet; the Rapide Plat, 4 miles in length, with 2 locks and a rise of $11\frac{1}{2}$ feet; Farran's Point, $\frac{3}{4}$ of a mile long, with 1 lock and a rise of 4 feet; the Cornwall, $11\frac{1}{2}$ miles in length, with 6 locks and a rise of 48 feet; the Beauharnois, $11\frac{1}{4}$ miles in length, with 9 locks and a rise of $82\frac{1}{2}$ feet, and the Lachine Canal, $8\frac{1}{2}$ miles in length, with 5 locks and a rise of 45 feet.

Other canals on the St. Lawrence system.

585. The difference in level between Lake Superior and tidewater is about 600 feet. The total number of locks on this system is 53. The aggregate length of the canals is $70\frac{1}{2}$ miles, and the total height directly overcome by locks is $533\frac{1}{4}$ feet. The greatest navigable depth is 14 feet, and that at present is only to be found in the Welland Canal, which was open for the first time for 14 feet navigation during the season of 1888. The greatest available depth in the other canals is at present 12 feet, but all permanent improvements are now made with a view to having a uniform depth of 14 feet throughout the system, and it is calculated that this depth will be provided by the end of three years from the present time.

Depth of canals.

586. By the completion of the ship canal through Lake St. Peter vessels drawing $27\frac{1}{2}$ feet of water can now ascend the St. Lawrence as far as Montreal, which means that this port is now accessible by the largest merchant vessels afloat.

St. Lawrence Ship Canal.

587. The other canal systems of the country are as follow: The Ottawa, which connects Montreal and the city of Ottawa, and the Rideau, which, in conjunction with the Ottawa system, affords communication between Montreal and Kingston, a total

Ottawa system.