

more than half the fresh water of the globe, and consist of Lakes Superior, Huron, St. Clair, Erie and Ontario, and the following table gives their length, breadth, area and height above the sea :—

LAKES.	Length.	Breadth.	Area.	Height above Sea.
	Miles.	Miles.	Sq. Miles.	Feet.
Superior.....	390	160	32,000	602 $\frac{3}{4}$
Huron—with Georgian Bay.....	400	160	24,000	576 $\frac{3}{4}$
St. Clair.....	25	25	360	570 $\frac{3}{4}$
Erie.....	250	60	10,000	566 $\frac{3}{4}$
Ontario.....	190	52	6,700	240
Michigan.....	345	84	22,400	578 $\frac{3}{4}$

Lake Michigan.

581. Lake Michigan is in the United States, but is connected with Lake Huron by the Strait of Mackinaw.

Sault Ste. Marie Canal.

582. Lake Superior and Lake Huron are connected by the Ste. Marie River, which is not capable of navigation, owing to the numerous rapids. This difficulty was overcome by the construction of a canal on the United States side of the river, which is rather more than one mile in length, and has one lock 515 feet long and 80 feet wide, with a rise of about 18 feet. Traffic through this canal has, however, increased to such an extent that the Dominion Government are building a canal on the Canadian side, and through Canadian territory. It will be about two-thirds of a mile in length, with a mean width of 150 feet, and a depth of 18 feet below the lowest water line. There will be one lock, 600 feet long and 85 feet wide, with a rise of about 18 feet. The work is progressing, and the contracts require the whole undertaking to be ready for use in May, 1892. The total cost is estimated to be about \$3,000,000.

Traffic through Sault Ste.

583. The present canal was open for navigation for 233 days during the year 1889, being 21 days above the average