

# LOWEST WATER.

Lowest in 17 years, Oct. 1, 1881 .....	4 ft. 6 1/2 in.
Maximum lowest in 17 years, Sept. 19, 1886 .....	7 " 8 "
Mean lowest in 17 years .....	6 " 3 "

# RANGE OF WATER LEVEL.

Greatest range of level in 17 years .....	24 ft. 11 1/2 in.
Greatest yearly range of level, (1876) .....	23 " 11 "
Least yearly range of level, 1878 .....	8 " 10 "
Mean yearly range of level in 17 years .....	15 " 9 "

Taking each separate mile of the river from Ottawa to Grenville, the minimum and maximum depths under extreme low water in the channel, as depicted on the longitudinal section, are as follows :

NOTE.—In the 1st mile the longitudinal section shows the depths in the main channel of the river from the Chaudiere downwards—not in the bay leading to the Rideau Canal.

	Least Depth.	Greatest Depth
	feet.	feet.
1st mile below Ottawa .....	35	55
2nd " " .....	31	79
3rd " " .....	10	75
4th " " .....	8	30
5th " " .....	18	28
6th " " .....	10	17
7th " " .....	14	16
8th " " .....	10	20
9th " " .....	6	32
10th " " .....	7	33
11th " " .....	8	21
12th " " .....	20	30
13th " " .....	27	33
14th " " .....	11	33
15th " " .....	18	33
16th " " .....	26	34
17th " " .....	24	35
18th " " .....	22	33
19th " " .....	19	26
20th " " .....	18	34
21st " " .....	34	62
22nd " " .....	35	65
23rd " " .....	31	39