

Names of Stations.	Distance from mouth of Ottawa, at Ste. Anne.
1.—Carillon	27 miles.
2.—Chaudiere (north side, Hull south side Ottawa)	98 "
3.—Chaudiere (Little)	100 "
4.—Remick	102 "
5.—Deschenes Rapids	104½ "
6.—Chats Station	131 "
7.—Head of Chats	134 "
8.—Chenaux	152 "
9.—Portage du Fort	156 "
10.—Mountain	161 "
11.—Calumet	163 "
12.—Joachim Rapids	249 "

The works at these twelve stations consist of:—2,000 lineal feet of canal; 3,835 feet slides; 29,855 feet booms; 346 feet bulkheads; 1,981 feet bridges; 52 piers; 3 slidekeeper's houses, and 3 store houses.

The necessity for the construction of dams at certain additional points on the Ottawa, so as to afford the means whereby a more abundant supply of water can be obtained for use in the slides, is again urged by parties interested. The lumber trade of this district has now attained such increased proportions that the works on which the supply of water to the slides is dependent, which answered their purpose tolerably well while the trade was in its infancy, have become inadequate to perform the services required, the result being that during dry seasons the passage of timber through the slides is difficult, owing to the scarcity of water. His Excellency the Governor General was pleased, by order in council, dated May 18, 1870, to authorize the incorporation by patent of the Ottawa Improvement Company, a society formed for the purpose of effecting improvements on the upper waters of the River Ottawa, to facilitate the descent of timber, the company binding itself to adhere to certain specified conditions.

Gatineau River.—In ascending the Ottawa, the Gatineau is the first tributary possessing government works.

These works are all at one station, about one mile from its confluence with the Ottawa. They consist of: 3,071 lineal feet of canal; 4,138 feet booms; 52 feet bridge; 10 piers, and 1 slide-keeper's house.

Madawaska River.—The Madawaska is the second tributary in ascending the Ottawa, on which the government has provided works for the descent of lumber.

List of the names of slide and boom stations on the Madawaska, numbered from the mouth of the river upwards: 1. Mouth of river. 2. Arnprior. 3. Flat rapids. 4. Palmer island. 5. Burnstown. 6. Long rapids. 7. Springtown. 8. Calabogie lake. 9. High falls. 10. Ragged chute. 11. Boniface rapids. 12. Duck island. 13. Bailey chute. 14. Chain rapids. 15. Opeongo creek

The works at these stations consist of: 1,750 lineal feet of slides, 18,179 lineal feet of booms, 4,080 lineal feet of dams, 182 lineal feet of bridges, 43 piers, 1 slide-keepers' house, and 1 work-shop.

The slide at High Falls sustained considerable damage in the spring of 1870, in consequence of the unprecedented height of the river, the water of which passing over the Nagle dam, caused a breach in that work, through which the debris, mingled with large quantities of logs, escaped. This mass, on coming in contact with the slide, tore down 500 feet of that structure. Efficient measures were taken for the reconstruction of a portion of the damaged work, so as to admit of the season's lumber being passed through. This accident and the generally decayed state of the slide,