

SESSIONAL PAPER No. 19a

1909

PAGE.		PAGE.
	Detailed report, regulation and storage possibilities—Continued.	
186	Rideau locks gauge and flow measured at Besserer's Grove	265
187	Highest and lowest recorded waters on the Ottawa river	266
189	Discharge curve at Besserer's Grove	271
189	Snow tests at Britannia Bay	272
189	Floods	274
190	Years of extreme low water	274
190	High, ordinary and low flow of the Ottawa river, with corresponding water levels..	276
192	Reservoirs.. . . .	276
193	Upper Ottawa watershed.. . . .	276
193	Storage possibilities.. . . .	279
195	Effect of storage surveyed above Besserer's Grove.. . . .	280
196	Cost of reservoirs.. . . .	280
196	Non-interference with lumbering operations.. . . .	280
198	Discharge at Besserer's Grove, 1872.. . . .	282
200	Regulation of flow.. . . .	284
202	Gradient.. . . .	285
204	Water Powers.. . . .	287
207	Preservation of forested areas recommended.. . . .	288
208	Federal control recommended.. . . .	288
209	Present development.. . . .	291
209	Possible development.. . . .	292
212	Investigations by the hydraulic engineer.. . . .	294
215	Leases or sales of water-powers on the Ottawa River by the Ontario and Quebec governments.. . . .	299
216	Conditions at the Chaudière Falls, Ottawa.. . . .	300
217	Dams proposed in connection with the regulation of the waters of the Upper Ottawa River watershed.. . . .	303
218	Recommendations.. . . .	308
218	Leases or sales of water lots.. . . .	309
239	Damage caused by raised water surface.. . . .	310
240	Lumber Interests and Floating of Logs.. . . .	310
240	Present conditions.. . . .	310
241	Yearly output.. . . .	311
241	Necessity of improved methods.. . . .	312
242	Preservation of the forests.. . . .	312
244	Conditions on the Mattawa and French rivers.. . . .	312
246	Distances.. . . .	313
246	Comparative distances, Fort William to Liverpool.. . . .	313
247	Sailing distances.. . . .	314
247	Canals on United States route, Fort William to Liverpool.. . . .	315
248	Canals on projected route.. . . .	316
249	Canals on existing Canadian route.. . . .	317
249	Length of projected route.. . . .	318
249	Distances in statute miles of water routes.. . . .	318
250	" " Canadian water and railway routes.. . . .	319
250	" " United States water and railway routes.. . . .	319
251	Time of transit.. . . .	320
251	Terminal Harbours.. . . .	320
255	Montreal.. . . .	320
259	French River harbour.. . . .	320
263		