

OFFICE
OF THE
Commissioner of Lights.
JUN 30 1908
Department of Marine & Fisheries,
OTTAWA, CANADA.

11999

LIST

OF

LIGHTS AND FOG-SIGNALS

ON THE

COASTS, RIVERS AND LAKES

OF THE

DOMINION OF CANADA

CORRECTED TO THE

1st January, 1896

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DEPARTMENT OF MARINE AND FISHERIES

OTTAWA
PRINTED BY S. E. DAWSON, PRINTER TO THE QUEEN'S MOST
EXCELLENT MAJESTY
1896

LIST OF LIGHTS AND FOG-SIGNALS

ON THE

COASTS, RIVERS AND LAKES

OF THE

DOMINION OF CANADA

UNDER THE CHARGE OF THE DEPARTMENT OF MARINE AND FISHERIES.

The Lights in the Bay of Fundy and on the southern and eastern coasts of Nova Scotia, those required for the winter passage of either steamers or ice boats to Prince Edward Island, the Light on the south-west point of St. Paul Island, and all the Lights in British Columbia, are exhibited all the year round.

All other lights under the control of the Department of Marine and Fisheries are maintained in operation whenever the navigation in the vicinity is open. Lights used solely as harbour lights are not exhibited when the harbour is closed, although the general navigation may remain open. Fishing lights are maintained only during the fishing season. In any case where there is reasonable doubt whether the light is required it is kept in operation.

All the Lightships in the River St. Lawrence below Quebec leave Quebec each spring for their stations as early as ice will permit. The Red Island and White Island Lightships leave their stations for winter quarters on the 15th November annually.

All the Gas Buoys in the River St. Lawrence are set out as soon as possible after the 11th May each spring, and taken up as soon as convenient after the 10th November each autumn, when they are replaced by Wooden Can Buoys. All Buoys in the River St. Lawrence below Quebec are removed after the 14th November, excepting those replacing the Gas Buoys at each end of the Beaujeu Bank and at the Channel Patch, one at the west end of Middle Bank, and one at St. Roch, East Point, in the Traverse, which are left when possible until the last ocean vessel has passed out.

WM. SMITH,

Deputy Minister of Marine and Fisheries.

DEPARTMENT OF MARINE AND FISHERIES,
OTTAWA, CANADA, 1st January, 1896.

TABLE OF DISTANCES

By ALAN STEVENSON.

TABLE of Distances at which objects can be seen at sea, according to their respective elevations and the elevation of the eye of the observer.

Heights in feet.	Distances in Statute or English Miles.	Distances in Geographical or nautical Miles.	Heights in feet.	Distances in Statute or English Miles.	Distances in Geographical or nautical Miles.	Heights in feet.	Distances in Statute or English Miles.	Distances in Geographical or nautical Miles.
5	2·958	2·565	70	11·067	9·598	250	20·916	18·14
10	4·184	3·628	75	11·456	9·935	300	22·912	19·87
15	5·123	4·443	80	11·832	10·26	350	24·748	21·46
20	5·916	5·130	85	12·196	10·57	400	26.457	22.94
25	6·614	5·736	90	12·549	10·88	450	28.062	24·30
30	7·245	6·283	95	12·893	11·18	500	29·580	25·65
35	7·826	6·787	100	13·228	11·47	550	31·024	26·90
40	8·366	7·255	110	13·874	12·03	600	32·403	28·10
45	8·874	7·696	120	14·490	12·56	650	33·726	29·25
50	9·354	8·112	130	15·083	13·08	700	35·000	30·28
55	9·811	8·509	140	15.652	13·57	800	37·416	32·45
60	10·246	8·886	150	16·201	14·22	900	39·836	34·54
65	10·665	9·249	200	18·708	16·22	1,000	41·833	36·28

EXAMPLE.—A Light 100 feet above the water will be visible to an observer whose eye is elevated 15 feet above the water 15·9 nautical miles; thus, from the table:—

15 feet elevation,	distance visible,	4·44	nautical miles.
100 "	"	11·47	"
		15·91	

ABBREVIATIONS AND EXPLANATIONS.

Lights.

F. Fixed. A continuous steady light. In catoptric lights the intensity may vary, depending on the position of the mariner with reference to the axis of the reflectors.

FL. Flashing. Showing single flashes.

GP. FL. Group Flashing. Showing groups of two or more flashes in succession (not necessarily of the same colour) separated by eclipses, followed by a longer eclipse.

F. & FL. Fixed and Flashing. Fixed light, varied by single white or coloured flashes, which may be preceded and followed by short eclipses.

REV. Revolving. Light gradually increasing to full effect, then decreasing to eclipse. (*At short distances and in clear weather a faint continuous light may be observed. As lights of this class are all catoptric they are liable to variations in intensity during the continuance of the flash as the position of the reflectors changes.*)

GP. REV. Group Revolving. Showing groups of two or more flashes in succession produced by revolving catoptric apparatus, separated by eclipses, followed by a longer eclipse.

OCC. Occulting. A steady light suddenly and totally eclipsed.

ALT. Alternating. Red and white light alternately at equal intervals.

The time given for a revolving or flash light is from the beginning of one flash to the beginning of the next.

ILLUMINATING APPARATUS.

C. Catoptric, or by metallic reflectors.

D. Dioptric, or by refracting lenses numbered from the first order downwards. Those marked of the 7th order are anchor lenses or anchor lens lanterns of 5 inches focal distance; those marked "p" are inferior pressed glass lenses, principally of $3\frac{1}{2}$ inches focal distance.

The Bearings are Magnetic, *and are given from seaward.*

The given distances from which the lights are visible are calculated from a height of fifteen feet above the sea, the elevation of the lights being in all cases taken as above high water.

The Geographical Positions of the Lights are Approximate.

CAUTION

WITH RESPECT TO LIGHTS

The intrinsic power of a Light should always be considered when expecting to make it in thick weather. A weak Light is easily obscured by haze, and no dependence can be placed on its being seen.

Coloured Lights are also inferior in power to Bright or White Lights, and are more quickly lost under unfavourable circumstances.

CUTS OR SECTORS.

In some conditions of the atmosphere, White Lights may have a reddish hue. The mariner should not trust solely to colour where there are Sectors, but verify the position by taking a bearing of the Light. On either side of the line of demarcation, between white and red, and also between white and green, there is always a small arc of uncertain colour.

WITH RESPECT TO FOG-SIGNALS.

Having in view the varying distances at which a Fog-signal can be heard at sea, and the frequent occurrence of fog near to, but not observable from, a Fog-signal Station—

Mariners are cautioned that, whilst they are entitled to assume that every endeavour will be made to start Fog-signals as soon as possible after signs of fog have been observed, they should not, when approaching the land in a fog, rely implicitly upon these Fog-signals, but should always use the lead, which, in nearly all cases, will give sufficient warning.

Mariners are strongly cautioned that they must not judge their distance from a Fog-signal by the power of the sound. Under certain conditions of the atmosphere the sound may be lost at a very short distance from the station, and these conditions may vary at the same station within very short intervals of time.

The expression "foggy weather" means that the state of the atmosphere is such as to make objects indistinct.

ERRORS.

N.B.—It is particularly requested that any errors or omissions noticed in this work, or any failure in the aids to navigation may be immediately communicated, by letter, to the

CHIEF ENGINEER OF
MARINE AND FISHERIES,
Ottawa, Canada.

Such letters may be mailed post free in Canada.

NEW BRUNS

BAY OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	LITTLE RIVER.....	U.S. Light.						
1	MACHIAS SEAL ISLAND.	Near middle of island..	44 30 7	67 6 13	F. white.....	D, 2..	54	12
2		64 yards S.E. from north westerly light.	.....	.....	F. white.....	D, 3..	66	13
3	GANNET ROCK.....	S. of Grand Manan....	44 30 38	66 46 57	F. & Fl. white.... Light 45 sec. Eclipsed 5¼ " Flash 4½ " Eclipsed 5¼ " In every 60 "	D, 4..	66	13
5	GRAND MANAN ISLAND. SOUTH-WEST HEAD.	On edge of cliff, S. extremity of head.	44 36 0	66 54 16	Gp. Rev. red and white, 2 mins. 3 red flashes 40 sec. Eclipse 20 " 3 white fls. 40 " Eclipse 20 "	C....	200	20
7	GRAND HARBOUR	On Fish Fluke Point...	44 40 2	66 45 8	F. white.....	C....	40	11
8	BIG DUCK ISLAND FOG-HORN.	S. end of island.....	44 41 5	66 41 40	.....	.. .	.....	....
10	SWALLOW TAIL..	Near edge of high cliff, N.E. part of island.	44 45 46	66 44 2	F. white.....	D, 4..	148	18
11	LONG EDDY POINT FOG-WHISTLE.	Extreme N.W. head of island.	44 48 0	66 47 15	.....	.....	. ..	....
12	SOUTH WOLF WHISTLING BUOY.	In 52 fms. 1½ miles S.S.E. from S.W. Wolf light.	44 55 20	66 42 30	.....	... ..	.....	....
13	SOUTH-WEST WOLF ISLAND.	On S.E. Point of the island.	44 56 30	66 44 00	Rev. white 1½ minutes.	C....	111	16
	QUODDY HEAD.....	U. S. light and whistle.						
	S.W. HEAD LIGHT..	Described above, No. 5.						
15	MULLHOLLAND POINT	On E. side Lubec Narrows, Campobello Island.	44 51 40	66 58 50	F. white.....	D, 7..	66	13
16	HEAD HARBOUR.....	E. Quoddy Head N. point of Campobello Island.	44 57 30	66 54 10	F. white.....	D, 4..	64	13

WICK.

FUNDY.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, octagonal, wood	36	1832	Steam-whistle sounds 5 seconds in every 30 seconds		1
White, octagonal, wood	53	1832 reb'lt 1875	.....	In range N.W. lead 4¾ miles S. of Murr Ledges.	2
Black and white vertical stripes, octagonal, wooden.	41	1831	Cotton powder bombs exploded every 20 minutes.	Dangerous rocks extend 4 miles eastward of the light.	3
White, square, wood, with dwelling attached.	43	1880	.....	.....	5
White, square, wood, dwelling attached.	32	1879	.....	Visible from all points seaward.....	7
White, with brown roof, dwelling near by.	.....	1886	Horn sounds 6 seconds with intervals of 35 seconds.	.....	8
White, octagonal, wood, with white dwelling and outbuildings near	50	1860	.....	Visible between the bearings of S.W. round by S. to N.W.	10
White, wooden, building, dark roof.	.....	.....	Steam-whistle sounds 4 seconds with intervals of 16 seconds.	Whistle 80 feet above high water...	11
Black iron buoy, with "S. Wolf" in white, surmounted by 10 in. whistle.	.....	1891	Whistle sounded automatically by waves.	From the buoy, Head Harbour light bears N.W. by W. 8¼ miles; and Lepreau light E. by N. ⅝ N., 13¼ miles.	12
White, square, wood, lantern on dwelling.	38	1871	.....	Visible from all points of approach.	13
White, octagonal, wood	44	1885	.....	Visible from N.N.W. through E. to S.S.W.	15
White, with red cross, octagonal, wooden, tower with dwelling attached. Iron lantern, red.	34	1829 Fog horn 1880	Horn sounds blasts of 8 seconds' duration, with intervals of 35 seconds between them.	.....	16

NEW BRUNS

BAY OF

No.	Light.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	St. Croix River. Dochet Island.	U. S. light.						
	St. Croix River. Whitlock Mill	U. S. light.						
18	St. Croix River. Marks Point	N. shore of river	45 10 10	67 12 30	F. white	C	32	10
19	St. Croix River. Spruce Point	N. shore of river	45 10 0	67 10 25	F. white	C	32	10
21	Passamaquoddy Bay. St. Andrews.	N. point of entrance	45 4 0	67 3 0	F. white	C	42	10
22	Passamaquoddy Bay. St. Andrews.	On sand reef at E. entrance.	45 3 45	67 0 50	F. white	C	40	10
24	Passamaquoddy Bay. Midjic Bluff	Passamaquoddy Bay, Charlotte Co.	45 6 53	66 54 30	F. white	C	130	15
25	Passamaquoddy Bay. Letete Passage	On Mascabin Point	45 2 20	66 53 30				
	Head Harbour	See above, No. 16.						
26	Bliss Island	West end of island, S. side of western entrance to Bliss Harbour.	45 1 15	66 51 0	F. red	C	45	12
27	Pea Point	E. side of entrance to l'Etang Harbour.	45 2 20	66 48 40	F. green	C	51	10
29	Drews Head	On W. side of Beaver Harbour.	45 3 45	66 44 5	F. white	C	45	10
30	Lepreau Whistling Buoy.	In 23 fathoms 1 mile S.S.W. from light.	45 2 31	66 27 50				
31	Lepreau	On point. Fog-horn building immediately in front of tower.	45 3 32	66 27 45	F. white	C	80	14
32	Dipper Harbour	On S. point of Campbell's Island.	45 5 30	66 25 0	F. red	D, 7	30	

WICK—*Continued.*

FUNDY—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	28	1876	.....	The course from Spruce Point to ballast ground is E. by S. ½ S., distance 2 miles. From Spruce Point to Mark Point, W.N.W., distance 2 miles. A vessel after leaving Dochet Island, to clear the reef, should steer N. until the Spruce Point light bears N.W. by W., and thence take a W.N.W. course.	18
White, square, wood..	28	1876	.....		19
White, octagonal.....	22	1833	.....	Visible between the bearings of N.W. by N. and S.E. by S.	21
White, square, wood, on a framed pier.	10	1875	.....	There is a depth of 4 feet of water only on the N.W. extension of the reef towards mainland.	22
White, square, wood, lantern brown.	29	1876	.....	A bar extends E.N.E. from lighthouse, and vessels require to keep off a distance of 260 yards to clear it at low water.	24
White, square, wood..	....	1879	Steam-horn sounds blasts of 7 seconds, with intervals of 30 seconds between them.	.....	25
White, square, wood..	30	1871	.....	.....	26
White, square, wood, with dwelling attached.	31	1878	.....	Visible from seaward from W. through N. to S. An iron spindle, painted black, on the Grey Mare Ledge, marks the W. side of entrance.	27
White, square, wood..	36	1875	.....	Seen at all points between eastern and western heads of harbour.	29
Iron buoy surmounted by 10-inch whistle.	.....	.....	Whistle sounded by motion of waves.	.....	30
Striped horizontally red and white, octagonal, wood, lantern roof red. Fog-whistle building drab, with brown roof. White dwelling near by.	48	1831 re newed 1884	Steam-horn gives blasts of 5 seconds' duration, with intervals of 25 seconds between them.	Visible from all points seaward. Should the horn get out of order a whistle will sound two blasts of 5 seconds' duration with an interval of 5 seconds between, in every minute.	31
White, with red roof, square, wood.	23	1888	.....	Visible seaward and in the harbour when bearing from S. by W. to S. E.	32

NEW BRUNS

BAY OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
34	SPLIT ROCK WHISTLING BUOY.	In 30 fathoms off Split Rock.	45 7 10	66 14 0	.....	.....	.....	....
35	MUSQUASH.....	E. side of entrance.....	45 8 35	66 14 30	F. green seaward F. white to harbour.	C...	112	10
37	PARTRIDGE ISLAND.	Highest point of Island, St. John Harbour.	45 14 3	66 3 5	F. white..	D, 3..	119	17
38	PARTRIDGE ISLAND BELL BOAT.	Near E. side of Partridge Island.	45 14 7	66 2 43	... .	.....	.....	....
39	NEGRO POINT...	On end of Government breakwater, W. entrance to port.	45 14 13	66 3 19	F. red	D, 6..	40	8
40	ST. JOHN HARBOUR.	On pier on point of bar, W. side of channel.	45 14 58	66 3 12	F. white.....	D, 4..	35	10
41	REEDS POINT....	On Prince William Street, foot of St. James Street, St. John City.	45 15 41	66 3 28	F. red and white. 64 c. p. incandescent lamps.	Electricity	42	5

RIVER ST.

42	GREEN HEAD.....	.. ..	45 16 50	66 9 15	F. white..	C	105	10
43	SAND POINT..... ..	Low shore, E. side of river.	45 20 50	66 13 0	F. white.....	C	50	10
46	BELYEAS POINT....	On Nathaniel Belyea's Point, W. side of River.	45 23 5	66 14 30	F. white.....	D, 7..	40	11
48	WILLIAMS LANDING..	Near outer end of public wharf.	45 30 50	66 7 45	F. white	D, p..	30	10
49	OAK POINT.....	Low land, W. side of river.	45 32 10	66 8 0	F. white.....	C	50	10
50	FLEWELLINGS LANDING.	West side of river, Parish of Greenwich.	45 33 0	66 8	F. red.....	D, p..	25	5

WICK—*Continued.*

FUNDY—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Iron buoy, surmounted by a 10-inch whistle.	.....	...	Whistle sounded by motion of waves.	Location S.W. by S. ¾ S. from Musquash light, S. ¼ W. from Western head of Musquash, and W. S. W. from Partridge Island.	34
White, square, wood, with dwelling attached.	40	1879	.....	....	35
Vertical red and white stripes, octagonal wooden, with red iron lantern.	40	1791	Steam-whistle sounds 10 seconds every minute.	....	37
Iron boat surmounted by a tower and bell.	.....	.....	Bell rung by motion of the boat on the waves.	....	38
White with red lantern, open framed hexagonal tower, on circular stone foundation.	35	1878 re-established 1883	....	....	39
Vertical black and white stripes.	15	1828	....	....	40
On a three branched lamp post.	21	1850	.....	Shows red to seaward over an arc of 67½° from N. E. to N.N.W., white on other bearings.	41

JOHN.

Lantern on a mast elevated on open framework.	.....	1869	....	....	42
Lantern on a mast with white shed at base, all elevated on open framework.	.....	1869	....	....	43
White, square, wood..	36	1882	....	To guide clear to Purdy's Shoal....	46
Lantern on a mast	.....	1884	....	To guide through Long Reach. ...	48
Lantern on mast, with white shed at base, all elevated on open framework.	.....	1869	.....	....	49
Lantern on a white mast	.....	1885	....	Shows from N.E. round through E. to S.W.	50

NEW BRUNS

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
51	Belle Isle Public Landing Range.	Front light at landing at head of dredged channel.	45 39 5	65 57 30	F. white	D, p..	50	5
52		Back light 160 feet N. by E. ¾ E. from front			F. red	D, p..	26	2
53	Palmers Landing..	On the outer end of public wharf.	45 35 30	66 2 55	F. white	D, p..	37	5
55	Washadamoak Lake. Musquash Island.	Queen's County	45 42 40	66 6 40	F. white	C	26	10
56	Washadamoak Lake. Hendry Farm	Queen's County, 2 to 3 miles N.E. of Musquash Island light.	45 43 0	66 5 30	F. white	C ...	30	10
58	Gagetown	W. side of river	45 46 0	66 11 0	F. white	D, 7..	53	8
59	Jemseg	On S. side lower Jemseg entrance.	45 47 0	66 8 40	F. red	D, p..	34	3
61	Grand Lake. Cox Point.		46 2 0	66 1 0	F. white	C	20	10
62	Grand Lake. McManns Point.	Newcastle	46 4 0	66 2 0	F. white	C	28	10
63	Grand Lake. Robertson Point.		45 53 0	66 13 0	F. white	C	16	10
64	Grand Lake. Fanjoy Point..		45 55 10	66 4 0	F. white	C ..	16	10
65	Bridges Point.	On E. side of river opposite foot of Mauger Island.	45 52 36	66 19 21	F. white	D, 7..	45	12
66	Oromocto	About 400 yds. South Eastwardly from head of public wharf.	45 51 8	66 29 38	F. white	D, 7..	52	10
67	Wilmot Bluff	W. side of river	45 52 15	66 32 40	F. white	C	104	10
	Partridge Island..	See above, No. 37.						

WICK—*Continued.*

JOHN—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Lantern on a mast....	45	1890	.....	Lights visible between the bearings of N.E. through N. to S.W.	51
Lantern hung on end of Israel Noble's dwelling which is white, square, wood.	17	1890	.....	In range show centre of dredged channel N. by E. ¾ E. At outer end of channel, a black can buoy is moored and sides are balized.	52
Temporary lantern on pole.	25	1884	.....	To guide through the channel of the Belle Isle Bay. Visible from S.E. round by W. to N. Light mast and shed destroyed by fire. Proposed to be replaced by enclosed tower on new government wharf.	53
White, square wood, on piles.	....	1875 Rebuilt 1893	.....	In coming down, the two lights to be kept in range until opposite N.W. end of Hog Island whence a southerly course to be kept to foot of Musquash Island. In going up, the two lights to be brought in range opposite N.W. end of Hog Island, and kept in range until within ½ mile of the light on Hendry Farm.	55
White, square, wood, on piles.	.....	1875 Rebuilt 1893	.....		56
White, square, wood. Lantern red. On cribwork pier.	.....	1895	.....	To guide vessels between Jemseg and Musquash Island, and to show turn in river at Buzzas.	58
Mast, with white shed with brown roof at base, on white timber pier.	21	1884	.....	Light shows from S.W. round by W. to N.E.	59
White, square, wood..	.....	1869	.....	.....	61
White, square, wood..	26	1876	.....	.....	62
White, square, wood..	16	1873	.....	.....	63
White, square, wood..	16	1873	.....	.....	64
White, square, wood, with lantern roof red.	30	1891	.....	To guide vessels through the channel on E. side of Gilbert or Mauger Island.	65
White, square, wood, on cribwork pier. Lantern red.	47	1869 mov'd 1895	.....	.....	66
Lantern on mast, with white shed at base, elevated on open framework.	....	1869	.....	.....	67

NEW BRUNS

BAY OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
70	Black Point Whistling Buoy.	In 15 fathoms outside entrance of St. John harbour.	45 11 30	66 1 0	.....	.....	.....	....
71	Cape Spencer.....	Pitch of cape.....	45 12 5	65 54 35	Alt. red and white 45 seconds.	C	207	20
72	Quaco Ledge Bell Buoy.	In 10 fathoms ½ mile N.W. of ledge.	45 14 35	65 22 40	....	.....	.. ...	....
73	Quaco, West Head.	On pitch of cape St. Martin's.	45 19 30	65 32 10	Rev. white, 20 seconds.	C	110	16
74	Quaco Bell Buoy...	Off the reef at west head in 14 fathoms ½ mile S.S.E. from light.	45 19 3	65 31 30	....	.. ..	. ...	....
75	Quaco Pier.....	On outer end of E. breakwater pier.	45 21 20	65 31 55	F. red.....	D, p..	20	6
77	Andersons Hollow	On eastern end of Government breakwater.	45 37 30	64 49 45	F. red.....	.....	. ...	....
	Apple River.....	See N.S. lights below No. 85.						
78	Cape Enragé.....	Pitch of cape.....	45 35 40	64 47 0	F. white.....	D, 4..	120	15
79	Grindstone.....	W. point of island....	45 43 16	64 37 24	F. white....	C	79	14
80	Wards Point.... .	Rockport	45 43 35	64 29 40	F. white... .. .	D, p..	72	10
81	Fort Folly Point..	On extreme point.....	45 52 5	64 33 55	F. white.....	D, 7..	77	14
82	Hillsborough Wharf.	Petitcodiac River.....	45 55 15	64 37 45	F. white.....	C	14	5

For lights on the Gulf of St. Lawrence coast of New Brunswick, see 414 and following numbers.

WICK—*Concluded.*

FUNDY.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black iron buoy, surmounted by a 10-inch whistle.	.....	1890	Whistle sounds by the action of the waves.	From the buoy Partridge Island light bears N. $\frac{1}{2}$ W., $3\frac{1}{4}$ miles; Mispeck Point, E. $\frac{7}{8}$ N., $1\frac{5}{8}$ miles; south-west end of Meogenes Island, N.W. by W., $3\frac{7}{8}$ miles.	70
White, square, building with tower.	35	1873	.....	Visible between the bearings E.S.E. round by S. to W.N.W., Partridge Island light bearing N.W. by W. $\frac{1}{2}$ W., distant $6\frac{1}{2}$ miles.	71
Red iron buoy, surmounted by a bell.	.....	.....	Bell rung by motion of buoy on the waves.	.....	72
White, square, wood, dwelling attached. Fog building white, with brown roof, wood.	49	1835 rebuilt 1883	Steam-horn 70 feet from lighthouse, gives blasts of 9 seconds with intervals of 30 seconds.	General coast light to guide to St. Martin Harbour.	73
Black iron buoy, surmounted by a bell.	.....	.....	Bell rings by action of waves.	.....	74
White, square, wood..	21	1887	.....	Visible between W. by N. $\frac{1}{2}$ W. and N.W.; and between N. $\frac{1}{2}$ E. and N.E. by E. Obscured from N. $\frac{1}{2}$ W. to N. $\frac{1}{2}$ E. The deepest water in entering the inner harbour is close to the light.	75
....	.....	.....	....	Tower carried away by storm. Temporary light will be shown till new tower is erected. Vessels may run for harbour one hour before high water, giving the light 50 ft. of a berth on port hand.	77
White, square, fog-alarm building of gray stone with slate roof.	23	1840	Steam-horn sounds blasts of 8 seconds, with intervals of 20 seconds.	Fog-alarm is 130 feet S.W. from the lighthouse, at an elevation of 100 feet.	78
White, octagonal, wood, white dwelling near by. Fog-horn building white, with brown roof.	40	1854	Steam-horn sounds blasts of 15 seconds, with intervals of 30 seconds.	Visible over 315° from S.W. by W. through N. to W. by N. Fog-alarm building stands in front of tower. If horn disabled, old trumpet 150 feet behind will sound short blasts every 15 seconds.	79
White, square, wood..	2	1890	.....	Visible from E.N.E. through N. to S.W. $\frac{1}{2}$ W.	80
White, with iron lantern, red, square, wood, with dwelling attached.	35	1890	.....	At junction of Petitcodiac and Memramcook rivers.	81
Open frame.....	22	1875	.....	To guide vessels going up the river and to the coal and plaster wharfs.	82

NOVA

BAY OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
85	APPLE RIVER.....	On Cape Capston, on Hetty Point, N. entrance.	45 28 20	64 51 35	F. white	C	64	12
86	ISLE HAUTE.....	On highest point....	45 14 55	65 0 45	Rev. white, 1 min.	C	365	20
87	ADVOCATE HARBOUR.	On S. side of entrance..	45 19 30	64 47 30	F. red	D, 7..	36	7
88	CAPE D'OR FOG-WHISTLE.	On extreme point, opposite side of channel from Blackrock.	45 17 25	64 46 40	.....	.....	.....	....
89	CAPE SHARP...	On southern extremity of cape.	45 21 55	64 23 20	F. red.....	D, 7..	60	10
90	PARRSBORO' OR PARTRIDGE ISLAND.	W. side of river.....	45 23 0	64 19 5	F. white.....	C	37	9
92	ECONOMY.....	On point of bar running out from N. side of entrance to Economy River.	45 22 45	63 55 00	F. red.....	D, p..	15	5
93	PORTAPIQUE...	On western head at entrance to Portapique River.	45 23 35	63 43 30	F. red.....	D, p..	30	6
94	SPENCER POINT..	On N. shore, at mouth of Great Village River.	45 23 30	63 37 0	F. white.....	C	35	11
95	LITTLE DYKE...	On western head at entrance to Folly River.	45 22 45	63 33 20	F. red.....	D, p..	25	6
96	MASSTOWN OR DEBERT.	On eastern head at entrance to Moss Creek.	45 22 45	63 29 0	F. red.....	D, p..	30	6
97	SALTERS' HEAD..	On shore of Basin of Mines.	45 20 10	63 32 10	F. red.....	D, p..	60	5
98	BURNTCOAT.....	Basin of Mines, N.W. extremity of head, S. shore.	45 18 40	63 48 30	F. white.....	C	75	13
99	WALTON HARBOUR.	E. side of mouth of La Tête River.	45 14 0	64 0 45	F. red	C	60	10
100	HORTON.....	On Bluff, W. side of Avon River, near its mouth.	45 6 30	64 13 20	F. white.....	C	100	15
102	KINGSPORT	On Oak Point pier.....	45 9 35	64 21 30	F. white.....	D, 7..	27	10
104	BLACKROCK.....	S. shore.....	45 10 15	64 45 50	F. white.....	C	45	12

BASIN OF MINES.

SCOTIA.

FUNDY.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, oblong, wood, square tower, surmounted by octagonal metal lantern rising from roof of dwelling. Fog-alarm building, white, with brown roof, wood.	45	Rebuilt 1870 Fog-alarm 1889	Steam-horn gives blasts of 14 seconds, with intervals of 46 seconds.	Fog-alarm immediately E. of tower	85
White, square, wood, dwelling attached, almost hidden by trees.	53	1878	.....	.....	86
White, square, wood, with dwelling attached.	27	1884 mov'd 1888	.....	.....	87
Brown, wooden building.	.....	1875	Whistle sounds for 6 seconds in every 30 seconds.	.....	88
White, square, wood, with dwelling attached.	34	1886	.....	.....	89
White, square, with lantern on dwelling.	32	1852	.....	.....	90
Lantern on a mast ...	30	1882	.....	Visible from all points of approach. Kept lit during fishing season.	92
Lantern on a mast....	20	1882	.....	Visible from all points of approach. Kept lit during fishing season.	93
In window of a building	20	1863	.....	During navigation.	94
Lantern on a mast....	20	1882	.....	Visible from all points of approach. Kept lit during fishing season.	95
Lantern on a mast....	20	1882	.....	Visible from all points of approach. Kept lit during fishing season.	96
Lantern on a mast, with white shed at base.	20	1888	.....	Visible from all points of approach.	97
White, square, with lantern on dwelling.	35	1859	.....	Visible from all points of approach.	98
White, square, wood..	20	1873	.....	.....	99
White, square, wood, dwelling attached.	33	1851 reb'ilt 1883	.....	.....	100
White, square, wood..	23	1878 reb'ilt 1891	.....	Visible from all points of approach.	102
White, square, wood..	35	1848	.....	Light in lantern on roof of dwelling, visible from all points of approach.	104

NOVA

BAY OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
105	MARGARETVILLE.....	On extremity of point, S. shore.	45 3 20	65 4 0	F. red.....	C....	30 / 27	8
106	PORT GEORGE.....	On outer end of E. pier.	45 0 25	65 9 25	F. green.....	C....	25	7
107	PORT WILLIAMS OR MARSHALL COVE.	S. shore, Bay of Fundy	44 56 53	65 15 56	Two F. white, 22 ft. apart vertically.	C....	92 / 70	10
109	POINT PRIM OR DIGBY GUT.	S. point of entrance to Annapolis Basin.	43 41 30	65 47 10	F. white.....	C....	76	13
110	ANNAPOLIS RIVER. DIGBY PIER.....	At outer end of pier...	44 37 40	65 45 6	F. red	D, p..	38	6
111	ANNAPOLIS RIVER. SHAFNERS POINT	On N. side of Annapolis River.	44 42 40	65 37 12	F. white.....	D, 7..	55	8
112	ANNAPOLIS RIVER. ANNAPOLIS.....	On water's edge of Engineer's Lot N. E. of Government pier.	44 44 51	65 31 6	F. red.....	D, p..	30	7
113	BOARS HEAD.....	17 yards from edge of cliff, on W. side of N. entrance to Petit Passage.	44 24 10	66 13 3	Alt. red and white 1 minute.	C....	70	14
114	NORTH-WEST LEDGE BELL-BUOY.	In 15 fathoms, 400 yds, N.N.W. ½ W. from the N.W. Rock.	44 19 15	66 24 30	....	.....	...	....
115	BRIER ISLAND.....	N.W. point.....	44 15 57	66 23 38	F. white.....	C....	92	13
116	WESTPORT.....	Peters Island, entrance to Grand Passage.	44 15 27	66 20 21	Two F. white, 24 ft. apart horizontally.	C....	40	10
117	SISSIBOO.....	S. side of entrance to river.	44 26 25	66 1 00	F. white.....	C....	36	8
118	BELLIVEAU COVE....	On outer end of E. pier.	44 24 20	66 3 10	F. green.....	D, p..	24	4
119	CHURCH POINT.....	E. side of St. Mary Bay Digby County.	44 19 55	66 7 35	F. red.....	C....	36	10

SCOTIA—*Continued.*

FUNDY—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White and black horizontal stripes, square, wood.	22	1859	.....	Visible from seaward from S.E. by E. $\frac{3}{4}$ E. through N. to W. by S. $\frac{1}{4}$ S.	105
White, square, wood..	21	1888	.....	Visible from all points seaward.....	106
White, square, wood..	22	1859	.....	Upper light shown from metal lantern on top of tower; lower light in bow window at base, visible from seaward from E. by S. through S. to W.S.W. $\frac{1}{4}$ W.	107
Vertical red and white stripes, square, wood tower, with dwelling attached.	22	1817 Fog-alarm 1871	Steam-whistle sounds 8 seconds in each minute.	Whistle near edge of Cliff, 225 feet north-eastwardly from lighthouse tower.	109
Lantern on pole, with white shed at base.	29	1887	.....	Visible from N.N.E. round through W. to S.S.W.	110
White, square, wood..	43	1885	.....	Indicates Goat Island Shoals.....	111
White, square, wood..	28	1889	.....	Visible from all points seaward. After passing the black buoy off Marsh Point, vessels ascending may run directly for the light on an E. by N. $\frac{1}{4}$ N. course to the anchorage just below the old Government pier.	112
White, square, wood, lantern on roof of dwelling.	.....	1864	.....	.....	113
Red and black vertical striped iron buoy.	.....	1890	Bell rung by action of waves	.....	114
White, octagonal, wood Fog-alarm building S. of tower.	55	1809 Fog-alarm 1873	Steam-whistle sounds three blasts of 4 seconds, with intervals of 4 seconds between them, in each minute.	.....	115
White, square, wood, lanterns rising from ends of dwellling....	15 each	1850	Hand-horn answers signals from vessels.	Visible from the northward between the bearings of S. by W. and S.S.W., and from the southward between the bearings of N.E. by E. and N.N.W. $\frac{1}{4}$ W.	116
White, square, wood..	33	1870	.....	.....	117
White, square, wood..	22	1889	.....	Visible from all points seaward.	118
White, square, wood, dwelling attached.	20	1874	.....	.....	119

NOVA SCO

BAY OF FUNDY AND

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
120	METEGHAN RIVER...	At extreme end of breakwater.	44 13 10	66 8 42	F. Green.....	D, p..	23	6
121	CAPE ST. MARY.....	E. side of Bay.....	44 5 10	66 12 40	Alt. red and white, 30 seconds.	C	103	16
122	TRINITY BELL-BUOY.	In 8 fathoms W. by N. ½ N. 600 ft. from Trinity ledge.	.....	.....	.....	.....	.....	....
123	GREEN COVE.....	Or Maitland, on outer end of westerly breakwater.	43 59 5	66 9 30	F. Red.....	D, p..	33	7
124	LURCHER SHOAL WHISTLING BUOY.	In 13 fathoms ⅓ mile W. of Shoal.	43 50 2	66 30 0	.....	....	.....	....
125	CAPE FOURCHU WHISTLING BUOY.	In 22 fathoms 5 miles N. W. by W. from Cape Fourchu Light.	43 48 50	66 16 01	.....	.....	.....	....
126	YARMOUTH OR CAPE FOURCHU.	E. Cape, S. point	43 47 30	66 9 25	Gp. Rev. white, showing 3 flashes at intervals of 20 seconds, followed by an eclipse of 40 seconds. 3 flashes....40 sec. Eclipse.....40 " Time of revolution. 80 "	C	117	18
127	BUNKER ISLAND.....	On end of reef, off S.W. point of Island, E. side of entrance to Yarmouth Harbour.	43 48 36	66 8 42	F. Red.....	C	31	10
128	YARMOUTH BELL-BUOY.	In 10 fathoms off Yarmouth Sound.	43 44 0	66 10 47	.....	.....	....	....
129	YARMOUTH FAIRWAY WHISTLING BUOY.	In 34 fathoms 10 miles S.W. by W. ½ W. from Cape Fourchu Light.	43 40 16	66 18 55	....	.....	.....	....
130	CANDLEBOX ISLAND.	N. entrance, Schooner Passage.	43 39 34	66 2 45	F. Red.....	D, 7..	56	8
131	PEASES ISLAND.....	On S. point, one of the Tusket Islands.	43 37 35	66 1 40	Alt. red and white, one minute, each colour visible 15 seconds; 45 seconds between flashes.	C	56	12
					A lower F. red light in window, 16 ft. below main light.	C	40	4

TIA—*Continued.*

ATLANTIC COASTS.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Vertical red stripes on seaward side, lantern painted black.	21	1875	.....	For guiding vessels into river. Must be left on starboard hand and passed close aboard. Tide leaves breakwater one hour before low water.	120
White, octagonal.....	43	1868	.....	.....	121
Iron buoy, surmounted by a bell.	.....	....	Bell rung by action of the waves.	From the buoy Cape St. Mary bears N.E. by E. 7 miles; Cape Fourchu S. by E. 13¼ miles; Lurcher Shoal S.W. by W. 12½ miles.	122
Mast, with white shed at base.	25	1884	.....	Kept up only from 15th April to 15th November, each year.	123
Red with "L" in white. Iron buoy, with 10-inch whistle.	.....	1882	Whistle sounded by action of the waves.	Shoal lies 15 miles W.N.W. from Cape Fourchu light.	124
Red iron buoy, with 10-inch whistle.	.....	1894	Whistle sounded by action of the waves.	.....	125
Vertical red and white stripes, octagonal, wooden tower; white, wooden dwelling near by.	59	1839 changed. 1892 Fog-alarm 1869	Whistle on W. side of cape sounds 10 seconds in every minute.	Life-boat station in Baker's Cove, just inside Hen and Chickens Shoal.	126
White, square, wood, on brown, circular, steel and concrete pier.	.....	1874	Bell gives one stroke every 15 seconds.	Visible from southward, between N.E., by N. and N. ¾ E. Also over Stanwood's Beach when bearing from S. ½ E., to S.E. ½ E., but cannot be run for on those bearings, only entrance to harbour being through Yarmouth Sound and round Cape East.	127
Red iron buoy, surmounted by a bell.	.....	1890	Bell rings by the motion of the buoy on the waves.	From the buoy the "Roaring Bull" bears E.N.E., 1½ miles; and Cape Fourchu light N.E. by N., 3⅝ miles	128
Black and white striped buoy, with 10-inch whistle.	....	1894	Whistle sounded by action of the waves.	.....	129
White, square, wood, with dwelling attached. Iron lantern, red.	37	1893	.....	Visible from all points seaward....	130
White, square, wood, with dwelling attached.	42	1879	Hand-horn answers signals from vessels.	Sea light, visible from all points of approach from southward; also through Schooner and Ellenwood Passages.	131
.....	.....	.....	.....	Lower light marks channel between Old Man and Old Woman Rocks. Visible only between bearings W. by N. ½ N. and N. W. by W.	

NOVA SCO

ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
132	SEAL ISLAND.....	S. point ⅛ mile inland.	43 23 34	66 0 52	F. White.....	D. 2..	98	18
133	BLONDE ROCK WHISTLING BUOY.	In 13 fathoms, ½ mile S. ¼ E. from the rock.	.....	.....	.....	.....	.....	....
134	TUSKET RIVER.....	Big Fish Island, S.W. point.	43 42 10	65 57 10	Two F. white, 24 ft. apart horizontally.	C	50	12
135	ARGYLE	On S. point of Whitehead Island, Yarmouth County.	43 39 40	65 52 4	F. Red and white.	C	115	12
136	ABBOT HARBOUR....	On S. extremity of Abbot Island.	43 39 25	65 49 36	F. white.....	D, p..	40	8
137	PUBNICO HARBOUR..	Beach Point, E. side of entrance, 120 yards from low water mark.	43 35 45	65 46 54	F. white.....	D, 7..	41	11
138	ST. JOHNS LEDGE BELL-BUOY.	In 22 fathoms, 1¼ miles S.W. by W. ¾ W., from the middle of the ledge.	43 29 50	65 49 30	.....	.....	.....	....
139	BON PORTAGE ISLAND.	On S. point	43 27 14	65 44 44	Rev. red, one minute.	C	46	12
140	STODDART ISLAND...	On N.W. point of Island.	43 28 26	65 43 7	F. red.....	C	22	9
142	CAPE SABLE.....	On Cape.....	43 23 19	65 37 15	Rev. white 40 sec.; bright, 15 sec.; dark, 25 sec.	C	53	12
143	WEST HEAD, CAPE SABLE ISLAND.	On the Head	43 27 17	65 39 10	F. white.....	D, 7..	42	11
144	BARRINGTON EAST BAY LIGHTSHIP.	.....	43 31 5	65 34 25	Two, F. white and F. red, 21 feet apart vertically; red underneath.	White 44 Red 23	.....	12 6
145	BACCARO	On E. side of entrance to Barrington Bay.	43 26 54	65 28 12	F. red.....	C	49	10

TIA—*Continued.*

COAST.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No
White, octagonal, wood surmounted by metal lantern with red roof.	60	1830 Fog-alarm 1870	Whistle sounds in each minute a blast of 5 seconds duration, and after an interval of 5 seconds another blast of 5 seconds.	.....	132
Black iron buoy surmounted by a 10-inch whistle.	.....	1882	Whistle sounds by action of waves.	.....	133
White, square, wood ..	23	1864	.....	Visible from all points seaward; in bay windows in each gable of the dwelling house.	134
White, square, wood, with dwelling attached.	28	1874	.....	To guide into Argyle Harbour, shows red seaward, and white towards harbour.	135
Lantern on mast.....	28	1884	.....	Kept up from 1st April to 1st Oct., each year.	136
White, square, with dwelling attached. Wooden building surmounted by iron lantern.	40	1854 Improv'd 1889	.....	Open westward of St. Johns Island, bearing N. E. by N., clears the ledge; in making harbour from any other direction, the light must be brought to the northward of E. N.E. before it can be steered for, to avoid shoal spot off St. Ann's Point.	137
Red iron buoy, with "J. Ledge" in white letters, surmounted by a bell.	.....	1891	Bell rung by the action of the waves.	From the buoy Pubnico Light is open to westward of St. Johns Island, N.E. by N., 6¼ miles; S. tangent of Bon Portage Island bears S.E. ¾ S., 4¼ miles.	138
White, square, wood, with dwelling attached.	28	1874	Hand-horn answers signals from vessels.	For guiding vessels into Barrington West Bay and Shag Harbour.	139
White, small, square, tower.	.....	1877	.....	To guide vessels into the anchorage of Stoddart Harbour and Shag Harbour Sound.	140
White, octagonal.	50	1861 Fog-alarm 1876	Steam-whistle sounds a blast of 10 secs. in each minute.	Whistle on southern point of Cape, elevated about 40 feet above high water.	142
White, square, wood..	36	1888	Hand-horn answers signals from vessels.	Visible from all points seaward....	143
Hull painted red, with word "Barrington" in white letters on both sides.	White 41 Red 20 above deck.	1875	Hand-horn answers signals from vessels.	Moored in 6 fathoms, Wesses Ledge, S. W. by W. ½ W., ⅜ mile; Baccaro Light, S.S.E. ¾ E., 6 $\frac{3}{15}$ miles; Bantam Rocks, S. by E. ⅛ E. 6½ miles. To guide in to Barrington Bay and through Barrington Passage.	144
White, with black ball seaward, square.	35	1850 new lantern 1882	.....	.....	145

NOVA

ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
146	BANTAM ROCKS WHISTLING BUOY.	½ mile S. W. of rocks, which lie 1¼ miles S. W. ½ W. from Baccaro light.	43 25 38	65 29 8	.....	.....	.....	....
147	BRAZIL ROCK BELL-BUOY.	In 22 fathoms ½ mile S. by W. from the rock.	.....	.....	.....	.....	.....	....
+148	PAGE ISLAND.	On E. end of Island, entrance to harbour of Port Latour.	43 29 27	65 27 4	F. white.....	D, 7..	46	12
+ 150	NEGRO ISLAND....	On N. side	43 30 54	65 20 58	Alt. red and white one minute.	C ..	60	13
151	CAPE ROSEWAY.....	Near S.E. point of Mac-Nutt Island, Shelburne Harbour.	43 37 15	65 15 45	Two F. white, 55 feet apart vertically.	C ...	120 65	17 13
152	SAND SPIT	80 yards from extremity at E. side of entrance to Shelburne Harbour.	43 41 25	65 19 28	F. red..... ..	C ...	47	10
154	RAGGED ISLAND HARBOUR.	Gull Rock	43 39 12	65 5 50	F. white.....	C	56	10
+ 155	CARTER ISLAND.....	Ragged Island Harbour	43 42 15	65 6 00	F. red..	.....	66	11
156	LOCKEPORT WHISTLING BUOY.	Off the approach to Ragged Island Harbour.	43 37 28	65 1 44	.....	. .	. . .	....
+ 158	PORT HEBERT.... .	On Shingle Point, E. side of harbour.	43 48 40	64 55 23	F. red.....	C	33	10
+ 159	LITTLE HOPE.....	Nearly on centre of island.	43 48 30	64 47 15	Gp. Rev. white, 3 flashes with intervals of 10 seconds followed by eclipse of 30 seconds. Revolution 50 seconds.	C .. .	43	12
+ 161	PORT MOUTON.....	N.E. point, Spectacle Island, Queen's Co.	43 55 5	64 48 5	F. red.....	C	47	11
+ 162	FORT POINT.....	Liverpool Bay, S. entrance.	44 2 35	64 42 20	F. red.....	C	30	7
+ 163	BROOKLYN PIER.....	On end of substantial part of breakwater, 220 feet from shore and 500 feet from outer end of breakwater.	44 2 45	64 41 20	F. green..... ..	D, p..	30	4

SCOTIA—*Continued.*

COAST—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red iron buoy with 10-inch whistle.	.....	1888	Whistle sounded by the motion of the waves.	.....	146
Black and red horizontal bands. Iron buoy surmounted by bell.	.....	.....	Bell rung by the motion of the waves.	From the buoy Baccaro Light bears N. ½ E. 6 miles; C. Sable Light N.W. by W., 8 miles.	147
White, with red iron lantern, square, wood, with kitchen attached	34	1890	.....	Visible from all points of approach.	148
White, octagonal, wood, with dwelling attached.	44	1872 rebuilt 1887	.....	Life-boat station at Blanche, between Negro Island and Baccaro Point.	150
Black and white vertical stripes, octagonal.	77	1788 repaired 1858	Trumpet, established 1884, sounds a blast of 10 seconds' duration every two minutes.	.....	151
White, square, wood, on pier.	44	Rebuilt 1880	.....	.....	152
White, square, wood..	31	1853	Hand-horn answers signals from vessels.	.....	154
White, square, wood..	29	1872	.....	.....	155
Red iron buoy with letter L in white, surmounted by 10-inch whistle.	.....	1888	Whistle sounded by the motion of the waves.	From the buoy Carter's Island light bears N. by W. ¼ W. 5⅔ miles, Gull Rock Light N.W. ¼ N. 3⅜ miles, and a N.N.W. course leads about midway between the 4½ fathom patch and the Blow breaker up to S. end of Cranberry Island.	156
White, square, wood..	29	1872	.....	.....	158
White, square, wood, metal lantern, red, on roof of dwelling.	30	1865 changed 1889	Hand-horn answers signals from vessels.	Visible around horizon.....	159
White, square, wood, surmounted by red, octagonal lantern, white dwelling near by.	20	1873	.....	For guiding vessels into harbour... Life-boat station on N.W. end of Port Mouton Island.	161
White, square.....	17	1855	.....	Left on port side when entering the harbour.	162
White, square, wood.....	.....	Building 1878 mast 1889	.....	A red iron can buoy is moored off outer end of sunken pier, which must be left on starboard hand in entering Herring Cove.	163

NOVA

ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
164	Liverpool Whistling Buoy.	In 20 fathoms in fairway off Liverpool.	44 0 20	64 36 55	.....	.....	.....	....
165	Coffin Island.....	S. point, Liverpool Bay	44 1 55	64 37 32	Rev. white, 2 min. Light 30 sec. Dark 90 "	C	65	16
166	Port Medway Bell-Buoy.	¼ mile S.W. of S.W. breaker off approach to Port.	44 5 0	64 31 15	.....	.....	.....	....
+ 167	Medway Head.....	Port Medway, W. side of entrance.	44 6 10	64 32 15	F. white.....	C	44	10
169	Lahave Bell-Buoy.	In 22 fms., 3 miles, S. by E. from Moser Island light.	.....	.....	.....	.....	....	....
170	Moser Island	On Island, W. side of entrance to Lahave River.	44 14 15	64 18 50	F. red.....	C	55	8
171	Lahave.....	On Fort Point.....	44 17 16	64 20 55	F. red.....	C	48	8
173	West Ironbound Island.	Near Cape Lahave, mouth of Lahave River.	44 13 42	64 16 20	Rev. white, 30 seconds.	C	72	13
174	Lunenburg Whistling Buoy.	In 23 fms., 6½ miles S.E. by S. ¾ S., from Battery Point light.	44 17 0	64 11 25	....	.....	.....	....
175	Battery Point.....	Entrance to Lunenburg Harbour.	44 21 45	64 17 35	F. red.....	C	50	11
176	Cross Island.....	E. point Lunenburg Bay	44 18 45	64 9 57	Upper light, Occ. white. Bright 45 sec. Dark 15 " Lower light 35 feet below it. F. white.	C .... C	100 65	14 6
178	Hobsons Nose.....	Mahone Bay.....	44 24 55	64 13 46	F. red.....	C	68	11
179	Westhaver Island.	Mahone Bay.....	44 26 15	64 20 2	F. white.....	D, 7..	54	12
180	Quaker Island....	Off Chester.....	44 30 55	64 13 48	F. red.....	D, 7..	109	11

SCOTIA—*Continued.*

COAST—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Iron buoy painted white and black in vertical stripes, surmounted by 10-inch whistle.	.....	1883	Whistle sounded by action of waves.	From the buoy Coffin Island light bears N.¼E. 1 11/16 miles, Fort Point light N.W. ¼ N., and Western Head W ¾ S. 2⅛ miles. From buoy a course N.W. ¾ N. for 4 miles clears all danger to anchorage off Brooklyn pier.	164
Horizontal stripes, red and white, eight in number, octagonal.	50	1812	.....	.....	165
Red iron buoy with "S.W. Breaker" in black letters on deck, surmounted by bell.	.....	1888	.....	Vessels entering leave buoy on starboard. A course of 2⅞ miles N ¼ E. leads to iron can buoy off point of flats.	166
White, with black squares on seaward sides, square, wood.	23	1851	.....	Like a dwelling house.....	167
Red iron buoy surmounted by bell.	.....	1886	Bell sounded by action of waves.	From the buoy, West Ironbound light bears N.N.E., 2⅛ miles.	169
White, square, wood, lantern on roof of dwelling.	26	1868	Hand-horn answers signals from vessels.	.....	170
White, square, wood, with dwelling attached.	35	1876	.....	.....	171
White, square, wood, with dwelling attached.	29	1855	.....	Near edge of cliff 40 feet high.....	173
Red and black horizontal bands. Iron buoy surmounted by 10 inch whistle.	.....	1891	Whistle sounded by action of waves.	From the buoy Cross Island light bears N.E. ¾ E., 2 miles; West Ironbound light, S.W. by W. ¾ W., 4⅝ miles; Rose Point, N.W. ½ W., 1½ miles.	174
White, square tower on dwelling.	24	1864	Hand horn answers signals from vessels.	.....	175
Red, octagonal base...	58	1832	Steam-horn sounds 20 seconds every 1½ minutes.	Pilots resort here, and vessels may take refuge in case of necessity.	176
White, square, wood..	29	1872	.....	.....	178
White, square, wood. Iron lantern, red, with dwelling attached.	27	1882 changed 1895	.....	.....	179
White, square, wood, with dwelling attached.	35	1883	.....	To guide into Chester Basin.....	180

NOVA

ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather
181	CHESTER, OR EAST IRONBOUND ISLAND	A little to eastward of centre of Island, in Mahone Bay.	44 26 24	64 4 50	F. white.....	C	150	16
182	GREEN ISLAND.....	Off St. Margaret and Mahone Bays.	44 22 57	64 2 45	Alt. Red and white Red....52 sec. Eclipse...38 " White....52 " Eclipse...38 " Complete rev. 3 min	C	66	w 13 R 8
183	NORTH-EAST SHOAL WHISTLING BUOY.	In 21 fathoms $1\frac{3}{10}$ miles E. by N. $\frac{1}{2}$ N. from the middle of N.E. Shoal.	44 25 54	64 0 2	.....	.....	.....	....
184	HUBBARD COVE.....	On Green Point, W. side of entrance.	44 37 14	64 3 10	F. red	D, 7..	60	11
185	CROUCHER ISLAND...	In St. Margaret Bay..	44 38 24	63 57 20	F. white.....	D, 7..	90	15
186	PEGGY POINT.....	E. side of entrance to St. Margaret Bay.	44 29 30	63 55 0	F. red.....	C	65	8
187	DOVER.....	On the S. end of Callaghan Island.	44 29 34	63 51 33	F. white	D, 7..	50	12
189	BETTY ISLAND.....	On Brig Point, near Prospect.	44 26 22	63 45 54	Rev. red, 2 minutes	C	75	14
190	TERENCE BAY.....	On Shipley Head, near Tenant Point.	44 27 40	63 42 10	F. red.....	D, p..	55	7
192	HALIFAX HARBOUR AND APPROACHES. SAMBRO	Middle of Island.....	44 26 10	63 33 28	F. white.....	D, 2..	115	16
193	SISTERS BELL-BUOY	In 22 fathoms S.E. by E. $\frac{1}{3}$ mile from the Blind Sisters.	.....	.....	.....	.....	.....	....
194	SAMBRO AUTOMATIC WHISTLING BUOY.	In 25 fathoms near S. end of Sambro outer bank.	44 21 30	63 30 15	....	.....	.....	....
195	CHEBUCTO HEAD	Light on summit of head whistle in front of and below light.	44 30 4	63 30 50	Rev. white, one minute.	C	132	18

SCOTIA—*Continued.*

COAST—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, oblong, wood, square wooden tower, surmounted by iron lantern rising from roof of dwelling.	46	1871	.. ..	Seen from all points of approach; the lantern alone is visible, building hidden by trees.	181
White, square, wood, with dwelling attached.	28	1874	..... .	....	182
Black iron buoy with "N. E. Shoal" in white letters.	. ..	1895	Whistle sounded by action of the waves.	Fairway buoy to indicate shoal. From the buoy a N.W. $\frac{1}{4}$ N. course leads into Mahone Bay and a N.E. by N. $\frac{3}{4}$ N. course leads into St. Margaret Bay clear of Horseshoe Ledge.	183
White, square, wood, dwelling attached.	42	1886	.....	.....	184
White, square, wood, dwelling attached.	40	1882	....	....	185
White, square, wood..	26	1868	....	Lantern on dwelling.....	186
White, square, wood, surmounted by red iron lantern. Keeper's residence attached.	31	1892	.....	Visible from all points seaward. To guide into Dover Harbour. Vessels running for it on a N.N.W. course will pass clear to W. of Shag Bay breakers and enter to E. of Fleming Island.	187
White, with two horizontal red bands, square, wood, dwelling attached.	54	1875	.....	Coast light.....	189
Mast with white shed at base.	25	1885	.....	.....	190
White, octagonal, wood	60	1758	Cotton powder signals exploded every 20 minutes.	Fog-signal derrick is erected on the seaward side of the lighthouse.	192
Black iron buoy surmounted by a bell.	.....	1874	Bell rung by the action of the waves.	.....	193
Black and white vertical stripes, iron buoy, surmounted by a 10-inch whistle.	.....	1890	Whistle sounded by action of waves.	From this buoy Pennant Point bears N.W. by N. $\frac{1}{8}$ N., $7\frac{1}{2}$ miles; Sambro light N. $\frac{1}{2}$ W., $5\frac{1}{4}$ miles; Chebucto light, N. by E. $\frac{5}{8}$ E., $8\frac{1}{2}$ miles.	194
White, square, wood, with dwelling attached. Fog-whistle building red brick with slate roof.	22	1872 Fog-alarm 1891	Whistle 73 ft. above water, gives blasts of 10 seconds with intervals of 50 seconds.	.....	195

NOVA

ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	HALIFAX HARBOUR AND APPROACHES.							
196	OUTER AUTOMATIC WHISTLING BUOY.	In 36 fathoms outside entrance.	44 28 25	63 22 10	....	. .	.....	....
197	INNER AUTOMATIC WHISTLING BUOY.	In 20 fathoms N.E. $1\frac{2}{10}$ miles from Chebucto Head lighthouse.	44 31 40	63 30 2	.....	.....	.....	....
198	THRUM CAP BELL-BUOY.	.....	44 33 57	63 29 51	.....	.....	.....	....
199	HERRING COVE..	Western Head	44 33 57	63 32 58	F. red.....	D, p..	45	8
201	MEAGHER BEACH	Sherbrooke tower, E. side of entrance to Halifax Harbour.	44 36 0	63 32 5	F. white.....	C	58	12
202	GEORGE ISLAND.	On W. Side of Island in Halifax Harbour.	44 38 30	63 33 25	Two F. white, 20 feet apart vertically. Both show seaward on S.; into Harbour on N. side. On W. side upper light only visible.	C	50 30	3
	CHEBUCTO HEAD	See No. 195 above.						
204	DEVIL ISLAND...	On S. point of island.	44 34 50	63 27 15	F. white.....	C	59	13
205		175 yards W. $\frac{3}{4}$ S. from higher light.	.....	.....	F. white....	C	52	12
208	JEDDORE ROCK.....	On summit of rock about 22 miles east of Halifax.	44 39 45	63 0 22	F. red.....	C	86	12
209	EGG ISLAND.....	Centre of island.....	44 39 49	62 51 30	Gp. Rev. white, 3 flashes, 15 seconds apart, then an eclipse of 30 seconds, revolution in 1 minute.	C	80	15

SCOTIA—*Continued.*

COAST—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black iron buoy, surmounted by a 10-inch whistle.	.....	.....	Whistle sounded by action of waves.	From this buoy Sambro Island light bears W. $\frac{1}{2}$ N. $8\frac{1}{4}$ miles. Devil's Island N. $\frac{7}{8}$ W. $7\frac{1}{3}$ miles, and inner signal buoy N.W. $\frac{1}{2}$ N. 6 miles.	196
Red iron buoy, surmounted by a 10-inch whistle.	.....	1877	Whistle sounded by action of waves.	From the buoy Sandwich Point bears N. $\frac{1}{2}$ W., $3\frac{4}{5}$ miles. Devil Island West lighthouse N.E. $\frac{3}{4}$ E., 3 miles, $5\frac{1}{2}$ cables, and a N. course will lead to the westward of the 32-foot patch, and to the eastward of the Neverfail, clear of every danger up to Point Pleasant buoy.	197
Red iron buoy, surmounted by a bell and cage.	.....	1893	Bell rung by the action of the waves.		198
White, square, wood..	22	1886 changed 1894	.....	Lifeboat station in the cove.....	199
White, with red roof, circular, granite.	48	1815 horn 1889	Steam-horn sounds blasts of 5 seconds at intervals of 25 seconds.	Horn comes out of seaward face of tower. When Sambro light bears W.S.W., this light should not be brought to the westward of north, which clears the Thrumcap Shoal. Passing Meagher Beach entering harbour keep the light on starboard bow.	201
Drab, square wood, fog-bell on W. side.	21	1876	Bell strikes 7 times a minute at equal intervals.	These lights open to westward of Meagher Beach, clear the westward of Thrumcap Shoal. These lights are obscured to the E. by highland of George I. Upper light should be visible 12 miles, but the two lights are not distinctly visible until nearing the entrance to the harbour. The lights which are vertical and comparatively near the sea level must not be confounded with two lights of inferior power exhibited from a yard on Citadel hill flag-staff, about 240 feet above the sea.	202
White, octagonal, wood	53	1877	.....	Pilots are stationed here. The eastern light, open to southward of western light, clears to southward of Thrumcap Shoal.	204
White, octagonal, wood	45	1852	.....	Life-boat station at N.W. end of island.	205
White, square, wood, dwelling attached.	50	1881	.....	.....	208
Black and white vertical stripes on seaward side, octagonal wood.	45	1865	Hand-horn answers signals from vessels.	Visible around horizon.....	209

NOVA

ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
210	Egg Island Automatic Whistling Buoy.	In 37 fathoms S. 5 miles from Egg Island lighthouse.	44 35 20	62 49 5	.....	.....	.....	....
211	Wolf Point	N. E. point of Nichol Island, W. side entrance to Ship Harb'r	44 44 54	62 45 4	F. white.....	D, 7..	87	15
212	Popes Harbour	On W. point of Harbour Island.	44 47 40	62 38 50	F. red.....	C	45	9
213	Spry Bay Bell Buoy	In 15 fathoms off entrance.	44 45 40	62 33 20	....	....	.....	..
214	Sheet Harbour Whistling Buoy.	In 24 fathoms S. by W. ½ W., 5⅛ miles from lighthouse.	44 44 30	62 28 37	.....	.....	.....	....
215	Sheet Rock	Entrance to Sheet Harbour.	44 49 55	62 29 23	Rev. red, 40 seconds.	C	75	10
216	Sheet Harbour Passage.	In dormer window of James Wambold's house.	44 51 30	62 26 33	F. red.....	C	42	5
217	Beaver Island.....	S.E. part of East Beaver	44 49 34	62 20 10	Rev. white, 45 seconds.	C	70	12
218	Beaver Harbour...	On E. end of Beaver Point.	44 52 23	62 23 40	F. red..... .	D, p..	40	6
220	Liscombe	On island.....	44 59 20	61 57 55	Alt. red and white 2 minutes	C	64	15
221	Wedge Island.....	Mouth St. Mary River.	45 0 35	61 52 23	Rev. red, 3 minutes. Shows 1 minute, eclipsed 2 minutes.	C	81	12
222	Isaac Harbour Whistling Buoy.	In 25 fathoms 3¾ miles S.W. by S. ⅞ S. from Country Harbour light.	45 2 20	61 32 37	.....	.....	.....	....
223	Isaac Harbour.....	On W. side of harbour, about ½ mile S. from Holly Point.	45 10 0	61 39 12	Two F. white, 20 feet apart vertically.	C	80	9
224	Country Harbour..	On Green Island, Guysboro' County.	45 6 8	61 32 30	F. white.....	C	51	12

SCOTIA—*Continued.*

COAST—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red iron buoy, surmounted by a 10-inch whistle.	.....	1893	Whistle sounded by action of waves.	From the buoy, Jeddore lighthouse bears N.W. ½ N., 9¼ miles. The buoy is a leading or fairway buoy for vessels seeking the entrance to Halifax Harbour.	210
White, square, wood, with dwelling attached. Iron lantern red.	35	1895	.....	....	211
White, square, wood, dwelling attached.	37	1877	....	....	212
Red iron buoy with "Spry Bay" in white letters on the deck.	....	1895	Bell rung by action of the waves.	Fairway buoy. From the buoy Taylor Hd. bears N. E. ¼ N. distant $1\frac{3}{16}$ miles, and Maloney Rock N. ¾ W. distant 2 miles.	213
Iron buoy.....	.....	1885	Whistle sounded by action of waves.	....	214
White, square, wood, with dwelling attached.	41	1879	....	Light seen from N. W. ¾ W. round through N. to N. E. by E. ¾ E. Rock lies nearly in mid channel of harbour entrance, its western end partly awash, distant 350 yards from lighthouse.	215
White, square, wooden dwelling.	20	1887	....	Visible from seaward between N. and N. by E. ¾ E.	
White, with two black balls to seaward, S. S. W.	35	1846	....	On dwelling.....	217
Lantern on mast, with white shed at base.	25	1887	....	....	218
White, square, wood..	28	1872	.....	....	220
White, square, wood, with dwelling attached.	44	1879	.....	.....	221
Red iron buoy, with "Isaac Harbour" in white.	.....	1891	Whistle sounds by action of waves.	From the buoy Country Harbour (or Green Island) light in line with Tom-cod Rock, bears N.E. by N. ⅞ N., 3¾ miles; W. tangent of Barachois Head in line with Middle Ledge or South-easter, bears N. W. ⅝ N., 7½ miles. A N. by W. course will lead from buoy to Ragged Point, 9 miles.	222
White, square, wood, with dwelling attached.	20	1874	....	....	223
White, square, wood, dwelling attached.	28	1873	....	Coast light and to guide vessels frequenting Country and Fisherman's Harbours.	224

NOVA

ATLANTIC COAST AND

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
226	TORBAY.....	On eastern point of Berry Head, W. side of entrance to Bay, Guysboro' County.	45 11 37	61 18 35	F. red and white..	C	51	10
228	THREE TOP ISLAND..	S.E. point of island, entrance to Whitehaven.	45 12 40	61 9 40	F. white.....	C	48	11
229	WHITEHEAD ISLAND.	S.W. extremity of island, Guysboro' County.	45 12 0	61 8 15	Rev. white, 20 seconds, 10 seconds flash, 10 seconds eclipse.	C	55	11
230	CAPE BREAKER, BELL BUOY.	In 14 fathoms, 4 cables E.S.E from middle of shoal.	45 18 20	60 54 0	.....	.....	.....	....
231	CRANBERRY ISLAND..	N. part of island, off Cape Canso.	45 19 45	60 55 25	Main light, F. white.	D. 3..	89	15
					Lower light, F white, 35 feet below main.	D. 7..	54	12
232	GRIME SHOAL WHISTLING BUOY.	In 20 fathoms, 1½ miles, E.S.E. of shoal.	45 21 13	60 50 45	....	....	....	....
233	SABLE ISLAND. WEST END.	Some distance E. of extremity.	43 56 40	60 6 0	Gp. Rev. white, 3 flashes at intervals of ½ minute followed by eclipse of 1½ minutes.	C	118	16
234	EAST END.....	1½ miles from extremity	43 58 10	59 46 20	F. white.....	D. 2..	128	17
236	CANSO HARBOUR....	On Hart or Cutler Island.	45 20 47	60 59 5	F. red.....	C	42	12
237	CROW HARBOUR. ...	On Rook Island, Chedabucto Bay.	45 21 5	61 16 0	F. white..	D. 7..	50	12

SCOTIA—*Continued.*

APPROACHES TO CAPE BRETON—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No
White, with vertical red stripes, wood. Top of lantern black.	36	1876	....	Shows red to seaward white to northward into bay and towards Molasses Harbour.	226
White, square, wood, with dwelling attached.	32	1879	.....	To guide vessels into Whitehaven. To point out dangers on N. side of W. passage; light is obstructed when bearing to eastward of N.E. by E., visible from all other points, except when intercepted by high land of Whitehead Island.	228
White, pyramidal, wood, octagonal lantern.	35	1854	.. ..	Life-boat station on Deming Point, western entrance to Whitehead.	229
Black iron buoy, with "C. Breaker" in white letters on the deck. Surmounted by a bell and cage, also painted black.	.....	1894	....	To act as a fairway buoy for vessels making Canso Harbour from southward. From the buoy a N. W. by N. ½ N. course will lead up to, and about ½ a cable to eastward of, Man of War Rock, distant 2½ miles.	230
Red and white horizontal bands, octagonal, rising above the roof of a white dwelling, with red roof, attached.	78	1815 rebuilt 1883 Fog alarm 1864	Steam-horn sounds a blast of 8 secs. in each minute.	Upper light visible all round, lower one does not show to vessels passing between it and coast.	231
Iron buoy surmounted by 10-inch whistle.	. .	1880	Whistle sounded by action of the waves.	....	232
White, octagonal, wood, surmounted by an iron lantern with red roof, white wooden dwelling near by.	98	1873 mov'd 1888	....	There is probably increased danger in navigating off the W. end of the island in consequence of the gradual submergence of the western bar and the removal of the light farther E. There is telephone communication between the six inhabited stations on Sable Island.	233
Sides of octagonal wooden tower alternately white and brown, metal lantern.	86	1873	....	.. ..	234
White, square, wood, dwelling attached.	28	1872	....	.. . .	236
White, square, wood, dwelling attached.	40	1882	....	Harbour light..	237

NOVA

CAPE BRETON

No.		Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
238		GUYSBOROUGH HARBOUR.	W. side of entrance, near Peart Point, Chedabucto Bay.	45 22 46	61 29 4	F. white.....	C	30	8
240	GUT OF CANSO.	EDDY POINT....	Or Sand Point, S. entrance of Gut of Canso.	45 31 30	61 14 40	F. white..	D. 5..	55	12
241	GUT OF CANSO.	POINT TUPPER..	Ship Harbour, or Port Hawkesbury.	45 36 30	61 22 0	F. red.....	C	44	7
244	MADAME ISLAND.	CREIGHTON HEAD.	On the N. extremity...	45 30 40	61 6 0	Rev. white, 40 seconds.	C	29	10
	MADAME ISLAND.	NORTH CANSO..	See below, No. 321.						
245	MADAME ISLAND.	JERSEYMAN ISLAND.	Arichat Harbour.....	45 30 20	61 3 10	F. red.....	C	39	11
246	MADAME ISLAND.	ARICHAT.....	Marache Point, S. entrance to Arichat Harbour.	45 29 0	61 1 50	F. white.....	C	34	8
247	MADAME ISLAND.	PETITDEGRAT ...	On Mouse Island, Petitdegrat Inlet.	45 29 54	60 57 24	F. red.....	C	38	10
248	MADAME ISLAND.	GREEN ISLAND..	Summit of island... .	45 28 50	60 53 40	Alt. red and white, 45 seconds.	C	70	14
249	MADAME ISLAND.	CAPE LA RONDE.	W. side of entrance to St. Peter's Bay.	45 34 45	60 53 0	F. white.....	C	92	14
251	LENNOX PASSAGE.	GRANDE DIGUE..	On beach, near wharf, Lennox Passage.	45 35 51	61 1 5	F. red	D. p..	30	5
252	LENNOX PASSAGE.	SEAL OR DOG ISLAND.	Lennox Passage.....	45 35 31	61 4 0	F. red	D. p..	34	5
253	LENNOX PASSAGE.	GLASGOW POINT.	Lennox Passage.....	45 34 0	61 7 50	F. red.....	D. p..	39	5
254	LENNOX PASSAGE.	OUETIQUEISLAND	On S. point.....	45 36 40	60 57 15	F. red.....	C	78	9
256	LENNOX PASSAGE.	JEROME POINT..	St. Peter's Bay, near entrance to canal.	45 39 5	60 52 0	F. red.....	C	56	10
		EDDY POINT.....	See above, No. 240.						
259		ST. ESPRIT ISLAND..	E. end of Island.....	45 36 30	60 29 10	Rev. white, 30 secs.	C	78	14
260		FOURCHÉ BELL-BUOY	In 10½ fms. off Fourché Inlet. S. by E. from extremity of Fourché Head.	.....	.....	.....	....	.....	....

SCOTIA—*Continued.*

ISLAND—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	20	1846	....	....	238
White, square, wood, iron lantern painted red. Dwelling attached.	44	1851 changed 1895	....	.....	240
White, square, wood, with dwelling attached.	24	1870	....	In consequence of the intervention of the land on the S. side, can only be seen 3 miles in that direction.	241
White, square, wood..	20	1874	....	For guiding vessels into Little or West Arichat.	244
White, square, wood, with dwelling attached.	28	1872	....	There is a range beacon on the S.E. point of Jerseyman Island that marks Hautfond Shoal, off entrance to harbour.	215
White, square, wood..	25	1851	.....	....	246
White, square, wood, dwelling attached.	31	1877	.....	....	247
White, square, wood, light in centre of keeper's dwelling.	31	1865	....	Visible around horizon.....	248
White, square, wood, dwelling attached.	28	1874	.....	To guide vessels into St. Peter's Bay	249
Lantern on mast, with white shed at base.	25	1884	.....	Marking the principal turning points in Lennox Passage.	251
Lantern on mast, with white shed at base.	25	1884	....		252
Lantern on mast, with white shed at base.	25	1884	.....		253
White, square, wood, dwelling attached.	28	1874	....	To guide through Lennox Passage..	254
White, square, wood, dwelling attached.	40	1883	Hand-horn answers signals from vessels.	To lead vessels up the bay to canal.	256
White, with two red bands, square, wood, with dwelling attached.	55	1880	.. ..	Bad Neighbour Shoal, S. W. $\frac{3}{4}$ W. $1\frac{1}{2}$ miles from this light, with not more than 12 feet water.	259
Red iron buoy surmounted by bell and spherical cage.	.....	.....	.....	For benefit of fishermen.....	260

NOVA

CAPE BRETON

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
261	Guion Island	About 230 yards from W. end of Island.	45 46 10	60 6 30	Rev. red, 30 secs.	C	74	12
262	Gabarus	On Harbour Point, S. shore of bay.	45 50 40	60 8 30	F. red	D. 7.	47	8
263	Louisburg	N. side of entrance to harbour, 120 yards inshore of point.	45 54 35	59 57 15	F. white	C	85	16
264	Louisburg Whistling Buoy.	In 30 fms. $1\frac{5}{8}$ miles S.E. $\frac{1}{4}$ E. from light.	45 54 0	59 55 10	.....	.....	..	...
265	Louisburg Bell Buoy.	In 13 fathoms $1\frac{1}{2}$ cables E. from centre of Harbour Shoal.	45 54 13	59 56 30	....	.....	....	....
266	Main-à-Dieu	On S. side of W. point of Scattarie Island.	46 0 30	59 47 30	F. red	C	90	10
267	Scattarie	N.E. point of Trap Rock.	46 2 15	59 40 15	Rev. white $1\frac{1}{2}$ minutes; visible a minute, eclipse half a minute.	C	90	15
269	Cow Bay	.....	.....	.....	.....	.....	.....	....
270	Flint Head	On Island	46 11 0	59 45 55	Rev. white, 15 secs.	C	65	12
271	Lingan Head	N. side of entrance to Bridgeport Harbour.	46 14 10	60 2 10	F. red	C	50	10
272	Low Point	Flat point E. side of Spanish Bay.	46 16 20	60 7 16	F. white	C	70	14
273	Sydney Bar	On W. end of S.E. Bar.	46 12 26	60 12 39	F. red	C	30	10
274	Cranberry Head Fog-Horn.	On N. side, entrance to Sydney Harbour.	46 15 53	60 12 7	...	.....	.....	...
276	Point Aconi	On high cape, N. side of entrance to Little Bras d'Or.	46 19 30	60 17 10	F. red	C	91	11
277	Black Rock Point	S. side of entrance to Big Bras d'Or.	46 18 30	60 23 20	F. white	C	45	12
	For next coast lights see No. 301.							
278	Great Bras d'Or. Carey Point	N. side of entrance to Great Bras d'Or.	46 17 45	60 25 0	F. red	D, p.	33	5
279	Great Bras d'Or. McNeil Beach	On N. side of Boularderie Island.	46 13 55	60 29 15	F. red	D, p.	33	8
280	Great Bras d'Or. McKenzie Point	N. side of Great Bras d'Or, about 2 miles S.W. of Port Bevis.	46 7 15	60 39 0	F. white	C	95	15

SCOTIA—*Continued.*

ISLAND—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, with dwelling attached.	54	1877	.....	.....	261
White, hexagonal, wood, iron lantern red.	32	1890	.....	Visible from all points of approach.	262
White, with a black vertical stripe, on each side of wooden dwelling, iron lantern on roof.	35	1842	.....	.....	263
Red iron buoy, surmounted by 10-inch whistle.	.....	1881	Whistle sounded by action of waves.	From this buoy a course N.W. by W. will clear Broad Shoal, and lead to fairway of harbour.	264
Black iron buoy with "Louisburg" in white letters on deck.	.....	1895	Bell rung by action of the waves.	Fairway buoy. Light bears N.W. by N. $\frac{1}{2}$ N. $\frac{6}{10}$ mile. Leaving buoy $\frac{1}{2}$ cable on port hand a N.W. by W. course leads in one cable south of Nag Rock.	265
White, square, wood, dwelling attached.	40	1871	.....	.....	266
White, octagonal, wood, roof of iron lantern red. White wooden dwelling with brown roof, W. of tower.	70	1839	Whistle sounds two blasts of 5 seconds with an interval of 10 seconds, in every minute.	The light should never be brought to bear to eastward of N.N.E., or to southward of S.S.W., nor approached nearer than $1\frac{1}{2}$ miles. Life-boat station.	267
.....	.....	.....	.....	Light discontinued.....	269
White, octagonal, wood dwelling near by.	43	1856	.....	Visible around horizon.....	270
White, square, wood..	20	1874	.....	.....	271
Vertical red and white stripes, octagonal, wood.	51	1832	.....	Marine telegraph and signal station	272
White, square, wood, dwelling attached.	20	1872	.....	Roman Catholic Church near N.W. Bar, bears N.W. $\frac{3}{8}$ N. $1\frac{3}{10}$ miles, and that near Gillivray Point E. N.E. easterly.	273
Drab, with red roof, wood.	.....	1887	Steam-horn 52 feet above water gives blasts of 10 seconds duration every minute.	.....	274
White, square, wood, with dwelling attached.	20	1874	.....	For guiding vessels into Little Bras d'Or.	276
White cross on red ground, square, wood	23	1868	.....	.....	277
Lantern on mast, with white shed at base.	25	1886	.....	.....	278
Lantern on mast, with white shed at base.	25	1884	.....	.....	279
White, square, wood, dwelling near by.	30	1874	.....	.....	280

NOVA

CAPE BRETON

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	St. Patrick Channel							
282	Kidston Island	On N.E. point, at entrance to Baddeck Harbour.	46 5 58	60 44 20	F. red	C	31	7
283	Little Narrows	At eastern entrance	46 0 0	60 58 25	F. white	C	40	10
284	Whycocomagh	On Frasers Point, N. side of Channel.	45 57 57	61 4 30	F. red	D, p.	31	7
285	Gillis Point	On W. side of entrance to Boulaceet Harbour on northern side of Little Bras d'Or Lake	46 1 32	60 46 18	F. white	D, 7.	74	14
	Barra Strait.							
287	Grand Narrows Bridge.	On centre of swing of bridge joining the extremities of Uniacke and Kelly Points.	45 57 42	60 47 33	F. red and green	D, p.	.....	....
288	Piper Cove	On western bend of Derby Point, Grand Narrows.	45 56 30	60 47 46	F. red	D, 7.	77	11
	Great Bras d'Or Lake.							
290	Campbell Island.	On eastern side of island, W. side of entrance to McKinnon Harbour.	45 54 46	60 55 54	F. white	D. p.	30	10
292	Clarke Cove	On N. side of Cove, N. side of West Bay.	45 49 40	61 1 55	F. red	D, p.	95	6
293	Red Islands	On McKenzie's Point	45 47 32	60 44 40	F. red	D, 7.	47	8
294	Cape George	S. side of lake, W. side of entrance to St. Peter Inlet.	45 44 28	60 48 20	F. white	C	50	10
	St. Peter Inlet.							
296	Freestone Islet	On Gregory Island	45 42 50	60 47 50	F. red	D, p.	31	5
297	Beaver Island.	On S.E. point of island	45 40 40	60 49 47	F. red	D, p.	30	5
298	Gooseberry Island or Marjories Isle.	W. from Sandys Point.	45 40 7	60 51 1	F. red	D, p.	31	5
	Jerome Point	See No. 256 above for lights south of canal.						
301	Bird Island	Ciboux Island, ½ mile from N. end.	46 23 10	60 22 30	Rev. red, 1 minute	C	77	14
302	St. Ann Harbour	On S. point of beach	46 17 45	60 32 25	F. white	C	41	8
304	Ingonish Harbour.	On beach S. side of entrance to harbour.	46 38 10	60 23 12	F. red	D, 7.	45	8

SCOTIA—*Continued.*

ISLAND—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood...	33	1875	.....	.....	282
White, square, wood..	35	1881	.....	.....	283
Lantern on mast, with white shed at base.	25	1884	.....	.....	284
White, square, wood, dwelling attached, iron lantern painted red.	38	1895	.....	To guide vessels into Boulaceet Harbour.	285
Lantern over centre of superstructure.	.....	1889	.....	Lights will show red up and down channel when swing is closed, green when open. Maintained by railway company.	287
White, square, wood..	38	1884	.....	.....	288
Lantern on a mast with white shed at base, and cabin 30 feet distant.	24	1889	.....	Visible from all points of approach.	290
Lantern on a mast	20	1890	.....	A N.W. course will lead into cove clear of the three shoals lying S. of George Island.	292
White, square, wood. Iron lantern red.	37	1895	.....	.....	293
White, square, wood, with dwelling attached.	20	1875	Hand-horn answers signals from vessels.	To guide vessels through St. Peter's Inlet.	294
Lantern on mast, with white shed at base.	25	1884	.....	.....	296
Lantern on mast, with white shed at base.	25	1884	.....	.....	297
Lantern on mast, with white shed at base.	25	1884	.....	.....	298
White, octagonal, wood, dwelling near by.	33	1863	.....	.....	301
White, square, wood..	38	1871 rebuilt 1881	.....	To mark entrance to harbour	302
White, square, wood..	38	1887	.....	To mark entrance to harbour	304

NOVA SCOTIA

CAPE BRETON

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
305	INGONISH ISLAND...	On island.....	46 41 20	60 20 10	F. white.....	C....	237	20
307	CAPE NORTH.....	$\frac{2}{3}$ mile S.E. from Money Point.	47 1 45	60 23 15	Alt. red and white 45 seconds.	C....	74	15
308	CAPE ST. LAWRENCE.	On the Cape...	47 2 55	60 35 10	Two F. white, 42 feet apart vertically.	D, 3..	137	17
						D, 7..	95	15
	For St. Paul Island	See No. 534.						
310	CHETICAMP HARBOUR.	Front range, in Eastern Harbour, 60 feet back from water.	46 38 15	61 0 25	F. red.....	C	45	8
311		Back range, 990 feet S. by W. $\frac{1}{4}$ W. from front light.	.....	.....	F. white..	C	62	13
312	CHETICAMP	Near S. end of Island..	46 36 20	61 3 10	Rev. white, 45 seconds.	C	149	20
313	MARGAREE HARBOUR	On outer end of breakwater pier.	46 26 35	61 6 40	F. red and white..	D, p..	21	4
314	MARGAREE.....	Summit or middle of Sea Wolf Island.	46 21 30	61 15 30	F. white.....	C	298	21
316	MABOU.....	On outer end of breakwater, on S.W. side of dredged channel.	46 5 30	61 28 10	F. white..	D, p..	25	9
317		On shore at McFayden's wharf about 3,000 feet from front light.	....	.....	F. red.....	D, p..	30	7
319	PORT HOOD.....	S.E. side of entrance to harbour.	46 0 0	61 31 25	F. red and white..	C	55	10

—Continued.

ISLAND—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, rising from roof of dwelling.	40	1871	.....	.....	305
White, square, wood, square tower, surmounted by iron lantern rising from roof of dwelling.	26	1876	.....	Coast light.....	307
White, with iron lantern red, square, wood, with dwelling attached.	56	1889	.....	Upper light in lantern visible over an arc of 191¼° between W. ½ N. through S. to E. ½ N.	308
.....	.....	.....	.....	Lower light in bay window on lower floor visible over 185⅝° between W. ¼ N. through S. to E. ¼ N.	
White, square, wood. Lantern red.	30	1890 changed 1894	.....	These two lights, in range, lead in S. by W. ¾ W. through the dredged channel, which is marked by spar buoys on both sides, to anchorage in Eastern Harbour.	310
White, square, wood. Lantern red.	38	1890 changed 1894	.....	.....	311
White, wood, square tower, surmounted by iron lantern rising from roof of dwelling.	24	1872	.....	New tower proposed to be built in 1896.	312
White, square, wood..	21	1885	.....	The light shows red over an arc of 70° from S. by E. ¾ E. to S.W. ½ W. to seaward, and white from the eastern and western sides of the lantern. In entering the harbour the light on the eastward side of the lantern should be kept close aboard in passing.	313
White, square, wood, with dwelling attached.	40	1854	.....	To vessels in dangerous proximity to the Island the light may become obscured by the abrupt cliffs of the Island.	314
Mast, with white shed at base.	20	1884	.....		316
Mast, with white shed at base.	20	1884	.....	The two, in range, lead through the dredged channel up to breakwater.	317
White, square, wood, with dwelling attached.	33	1854	.....	Red over 63° between S. ¼ W. and S.E. by E. ¼ E., and white over 95° between latter and N.E. by N. ¾ N.	319

NOVA SCO

GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	For Prince Edward	Island Lights on opposite shore	see 359		and following numbers.			
321	North Canso	N. entrance, W. side, 120 yards inshore.	45 41 50	61 29 0	F. white	C	110	16
322	Harbour au Bouche.	On S.W. shore of harbour.	45 41 0	61 31 15	F. white	C	36	9
323		473 yards S.W. ¾ S. from front light.			F. red	C	107	9
325	Pomquet Island or Bayfield.	N.E. end of Island, in St. George's Bay.	45 39 40	61 44 30	F. red	C	50	9
327	Cape George	N. side of Cape	45 52 50	61 55 0	Rev. white, 30 seconds.	C	350	25
329	Merigomish	On King Head, entrance to harbour.	45 39 20	62 28 20	F. red	C	105	10
330	Pictou Island	S.E. point	45 49 10	62 30 30	F. white	C	52	12
331	Pictou Bar	S. point of entrance to harbour.	45 41 30	62 39 30	Two F., upper white, lower red.	C	65	11
332	Frasers Farm	Front range 600 feet back from shore, on N. side of entrance to Pictou Harbour.	45 41 50	62 40 15	F. red	C	56	3
333		Back range 450 feet N.W. by W. ¼ W. from front.			F. red	C	75	3
334	Pictou Custom House.	In tower of Custom House.	45 41 0	62 42 0	F. white	C	60	8
336	Caribou Island	N.E. part of Island	45 46 15	62 40 20	Rev. white, every minute.	C	35	10
338	Amet Island	Centre of Island, Northumberland Straits.	45 50 15	63 10 20	F. white	C	44	10
339	Mullins Point	N. side of entrance to Wallace Harbour.	45 49 45	63 25 5	F. white	C	39	11
340		1,473 feet N.W. ⅔ W. from front light.			F. red	C	82	8
342	Pugwash	In harbour	45 52 30	63 40 20	F. red and white	C	48	8
344	Cold Spring Head	100 feet back from shore on N. side of Head.	45 58 5	63 51 50	F. white	D, 7	60	13

For following Lights on New Brunswick shore, see No. 414; for P.E.I. lights opposite, see No. 359.

TIA—*Concluded.*

LAWRENCE.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, lantern on dwelling.	35	1842	....	There is a good anchorage under the light when the wind is off shore.	321
White, square, wood..	32	1879	... .	Range lights, to lead through dredged channel over the bar.	322
White, square, wood..	32	1842	....		323
White, square	23	1868	... .	Obscured on easterly bearings .. .	325
White, square	39	1861	.....	....	327
White, square, wood, with dwelling attached.	40	1882	....	....	329
White, square	32	1853	....	Life-boat station about ¼ mile E. of light.	330
Striped red and white vertically, octagonal, wood.	56	1834	....	A small red light is seen below lantern; by keeping light W.S.W. vessels clear the E. reefs of Pictou Island.	331
Lantern on a mast.....	15	1889	....	The four Pictou lights are maintained throughout the season of general navigation and in winter whenever any steamer may be running into Pictou Harbour.	332
Lantern on a mast	30	1889	... .	Vessels entering keep the Pictou Bar and Custom House lights in one, W. ¼ N., until reaching the alignment of the Fraser's Farm range, which they should keep N.W. by W. ¼ W. until the bar light is nearly abeam, whence a W. ½ S. course will lead to safe anchorage in the harbour.	333
Red brick building....	72	1878	....		334
White, square.....	26	1868	....	....	336
White, square, wood, lantern on roof of dwelling.	26	1886	....	Visible around horizon....	338
White, square, wood..	25	1873	.. ..	Two lights in one, form a range to lead across bar and in channel up to Point.	339
White, square, wood, dwelling attached.	18	1894	.....		340
White, square, wood .	44	1871	.....	Shows a white light towards harbour, red seaward.	342
White, with iron lantern red, square, wood.	36	1890	.....	....	344

PRINCE ED

STRAIT OF NORTH

No.	Light.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
348	EAST POINT.	200 feet from extremity and 250 feet from S. shore of point.	46 27 10	61 58 10	Rev. white, 3 minutes.	C	100	15
349	SOURIS EAST.	Knights Point 300 feet S.E. of breakwater.	46 20 50	62 14 30	F. white with red sector to indicate anchorage.	D, 4	85	15
350	SOURIS EAST BREAKWATER.	On outer end of breakwater.	46 20 50	62 15 0	F. red	C	45	8
352	CARDIGAN RIVER.	Between Ferry Wharf and Morrison's Beach W. shore of river.	46 12 50	62 31 45	F. green to seaward, white across river to NE'ward.	C	43	8
353	PANMURE HEAD.	S.E. extremity of Cardigan Bay.	46 9 0	62 27 35	F. white	D, 4	96	16
354	GEORGETOWN.	On St. Andrews Point, S.W. side of entrance	46 9 57	62 31 30	F. red seaward, white across harbour, between N.E. and N.W.	C	50	8
355	GEORGETOWN.	On Westaway's farm $\frac{1}{4}$ mile N. W. by W. $\frac{1}{2}$ W. from front light.			F. white	C	62	12
356	MURRAY HARBOUR	On Beach Point, S. side of harbour.	46 1 28	62 28 30	F. white	C	33	8
357	MURRAY HARBOUR	On mainland, about a mile W. by S. from front light.			F. white	C	57	10
359	CAPE BEAR.	On the headland	46 0 45	62 27 15	Rev. red, 30 seconds.	C	74	12
360	WOOD ISLAND.	Off S. point.	45 57 22	62 44 10	F. white	D, 4	80	15
361	INDIAN ROCKS WHISTLING BUOY.	In 9 fathoms, south westward of rocks.	45 56 10	62 49 10				

WARD ISLAND.

UMBERLAND SIDE.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, octagonal, wood, drab fog-alarm building in front of tower, white dwelling near by.	60	1867 mov'd 1885	Steam-horn gives a blast of 8 seconds every ½ minute.	Visible from S.E. by S. through W. to E. by N. ½ N. Fog-alarm building stands 100 feet eastward of lighthouse, and in line with tower roughly indicates range of outer point of reef.	348
White, square, wood, with dwelling attached.	45	1880	.....	Visible from all points seaward. Red sector temporarily shown until breakwater light resumed.	349
.....	.....	1889	.....	Mast carried away by storm. Light temporarily discontinued.	350
White, square, wood..	32	1883	.....	In entering river vessels should stand northward inside Boughton Island until Panmure Island Light bears S. by W. and Cardigan River Light N.W. when they can stand in, keeping light open on port bow. When white light is opened safe anchorage has been reached.	352
White, octagonal, wood, dwelling near by.	50	1853	.....	This light should be kept open off Terras Point, to clear reef off Cape Bear. Maintained all the year round.	353
White, square, wood, red lantern rising from roof of dwelling.	20	1868	.....	Shows red seaward, white across harbour, between bearings of N.E. and N.W. Maintained all the year round.	354
White, square, wood..	46	1877 rebuilt 1890	.....	The two in range lead in N.W. by W. ½ W. to the point clear of obstructions.	355
White, square, wood..	30	1869 rebuilt 1879	.....	In one, these range lights show the channel to the outer buoy.	356
White, square, wood..	40	.....	.....		357
White, square, wood, with dwelling attached.	46	1881	.....	Maintained all the year round	359
White, square, wood, with dwelling attached.	40	1876	.....	.....	360
Red iron buoy surmounted by a 10-inch whistle.	..	1890	Whistle sounded by the action of the waves.	From the buoy, Bell Point bears N. by E. ⅝ E. and Wood Island Light E. ½ S.	361

PRINCE EDWARD

STRAIT OF NORTHUM

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
362	Point Prim	S.E. extremity of Hillsborough Bay, 100 yards from the point.	46 3 10	63 2 0	F. white.....	C	68	12
363	Orwell Harbour..	At Brush wharf.....	46 9 6	62 52 50	F. red.....	C	28	8
364	Fitzroy Rock, Bell-Buoy.	In 4½ fathoms, west of shoalest part.	46 7 17	63 6 8	.....	.....	.....	....
365		Front range, on the point, Bellevue farm, 35 ft. back from shore, E. side of entrance to Charlottetown Harbour.	46 11 50	63 4 5	F. red.....	C	45	8
366	Hazard Point..	Back range, in rear of Bellevue farm buildings, 2,244 feet N.E. ¼ N. from front light.	.....	.....	F. red.....	C ...	125	12
367	Blockhouse Point.	At W. side of entrance to Charlottetown Harbour.	46 11 36	63 7 28	F. white..... .	C	56	12
368		Front range on N.W. extremity of Hon. G. W. Howlan's property E. side of N. river.	46 14 5	63 8 20	F. red.....	C	41	7
369	Brighton Beach.	Back range, on old Asylum grounds, 1,275 feet N. from front.	.....	.....	F. red.....	C	77	9
370	St. Peters Island..	On S. side of island, Hillsborough Bay.	46 7 20	63 11 35	F. red.....	D, 7.. and D, p.	70	10
371		West end of bridge, at head of harbour.	46 13 15	63 29 10	F. white..... .	C	41	6
372	Leards Range .	Inner range light, about ½ mile N. from outer one.	.....	.....	F. white.....	C	60	6

ISLAND—*Continued.*

BERLAND SIDE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, circular, brick, covered with shingles, white dwelling near by.	55	1846	.....	Bell-buoy on E. side of channel, black buoy on W. side 2¼ miles N. by E. ¾ E. from bell-buoy harbourward.	362
White, square, wood..	22	Tower built 1879	.....	Light shows S.W.....	363
Red iron buoy surmounted by bell.	.....	.....	Bell rung by action of waves	This buoy is 4⅛ miles N.N.E. from Point Prim can buoy.	364
White, square, wood, with brown galvanized iron lantern.	47	1889	.....	Maintained during general navigation and whenever winter steamer is running to Charlottetown. Lights visible over a small arc on each side of alignment.	365
White, square, wood, with brown galvanized iron lantern.	47	1889	.....	Alignment can be taken off Point Prim and followed in N.E. ¼ N. with nowhere less than 5 fathoms passing W. of Fitzroy Rock Bell-Buoy and E. of St. Peter's Spit Buoy until Brighton Beach range lights are brought in one.	366
White, square, wood, with dwelling attached.	42	1851 rebuilt 1879	.....	.....	367
White, skeleton tower, with slatted face, red iron lantern and red diamond on side facing channel.	40	1890	.....	Maintained during navigation and whenever winter steamer is running to Charlottetown. Lights visible over a small arc on each side of alignment.	368
White, skeleton tower, with slatted face, red iron lantern and red diamond on side facing channel.	50	1890	.....	Alignment to be taken where it intersects Haszard's Point alignment about ½ mile S. of St. Peter's Spit Buoy, and followed due North to Canseau Point, whence the course up the harbour can be judged by the town lights.	369
White, square, wood..	38	1881 mov'd 1884	.....	Shows between W. ½ S. and S.E. by S. over an arc of 240°.	370
White, with red diamond on side facing channel, square, wood	38	Tower built 1879	.....	Light visible from all points of approach. To enter Crapaud Harbour from the Strait of Northumberland, vessels should bring the Leards range lights into alignment and keep them in one on a N. course until the lights of Wrights range are in alignment when they should follow this range N.W. ¼ N. until the red light on Palmers Wharf is in alignment with the	371
Shown from dormer window of a house. Day beacon of slatwork, 20 ft. high by 12 wide, painted white, shows above ridge of house.	24	1878	.....		372

PRINCE EDWARD

STRAIT OF NORTHUM

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
373	Crapaud Harbour. Wrights Range	On S. side of Paul's Bluff, W. of dredged cut from anchorage to wharves.	46 12 28	63 29 42	F. red	C	30	3
374	Crapaud Harbour. Wrights Range	On Wright's farm, 3½ cables N.W. ¼ N. from front light.	.....	.....	F. red	C	50	3
375	Crapaud Harbour. Palmers Wharf	On wharf	.....	.....	F. red	C	10	2
376	Tryon Shoal Whistling Buoy.	In 5½ fathoms off south extremity.	46 8 55	63 31 48	.....	.....	.....	....
377	Sea-Cow Head	.....	46 19 10	63 48 25	F. white	C	8	15
378	Indian Point	East edge of shoal, on S. side of channel, in Bedeque Bay.	46 22 50	63 48 45	F. white with green sector.	C	48	13
379	Summerside	Railway wharf, Bedeque Bay.	46 23 30	63 47 6	F. red in line of range, white in harbour.	C	33	10
380	Summerside	Back range ¾ mile E. ¼ S. from front light.	46 23 45	63 46 13	F. red	C	65	8
381	Cape Egmont	On point	46 24 20	64 7 45	F. red	C	72	10
382	West Point	On Sand Beach	46 37 30	64 23 20	Rev. red and white 22½ secs. One red and three white flashes in 1½ minutes.	C	66	13
383	Big Miminegash	500 feet south of breakwater.	46 53 5	64 13 0	F. red and white	C	30	5
384	Big Miminegash	Rix's Point, one mile S. ½ W. from front light.	.....	.....	F. white	C	45	....

ISLAND—*Continued.*

BERLAND SIDE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Lantern on a mast rising from a square tower, painted white, surmounted by triangular slatted beacon.	.....	1894	.....	front light of Leards range. These two in one will lead in from the black buoy at the entrance to the dredged cut through the cut to the wharves, N.N.E., but strangers entering at night	373
White, square, open-framed tower, slatted on side facing line of range. Lantern red.	27	1894	.....	are advised to anchor in the road at this last described turning point near the black buoy, as they will be in good anchorage inside the shelter of Tryon	374
Lantern on mast.....	.....	1894	.....	Shoals, while it is not safe to attempt the dredged cut at night.	375
Brown iron buoy with "Tryon shoal buoy" in white, surmounted by 10-inch whistle.	.....	1892	Whistle sounded by action of the waves.	Left to starboard going up strait to North Westward. From the buoy Crapaud Chapel N.E. ¼ E., 5¼ miles, just open of range light on point and Carleton Point N.N.W. ½ W., 9⅜ miles just open of C. Traverse.	376
White, octagonal, wood, white dwelling near by.	60	1863	.....	.....	377
White, octagonal, wood, on a circular stone pier.	42	1881	....	Green between E. by N. ½ N. and E. S. E. over Miscouche Shoals only.	378
Square tower on roof of railway freight shed.	30	1856 rebuilt 1877	.....		379
White, square, wood, open framework, boarded in front and surmounted by a red lantern.	56	1895	.....	After 378 is abeam haul in E. by S. until range lights are in one and keep alignment up to railway wharf.	380
White, square, wood, with dwelling attached.	45	1884	....	....	381
Broad red and white horizontal bands, square, wood, with dwelling attached.	67	1876	....	....	382
Lantern on a mast, with white shed at base.	25	1886	... .	Shows red from N.E. round through E. to S. covering Miminegash Reef, and white from S. to S.W. by W. which includes line of range. Vessels N. of reef bearing westward will be clear of it when red disappears.	383
Lantern on a mast, with white shed at base.	35	1886	.....	Shows over a small arc on each side of the line of range. These lights in line lead to the outer end of N. breakwater.	384

PRINCE EDWARD

STRAIT OF NORTHUM

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
385	North Point	On point	47 3 46	63 59 10	Rev. white one minute.	C	80	14
386	North Point Whistling Buoy.	In 9 fathoms 2 miles N. E. by N. from North Point lighthouse.	47 5 38	63 58 50	.....	.....	.....	.....

NORTH-EAST COAST OR GULF

	East Point	See above, No. 348.						
387	St. Peters	On outer end of breakwater.	46 26 40	62 44 50	F. white	C	34	6
388	St. Peters	On sand beach, 126 yards, S. W. by S. from front light.	.....	.....	F. white	C	32	6
389	Savage Harbour	On McEachren's farm, on inner shore of harbour.	46 25 40	62 48 30	F. white	C	22	5
390	Savage Harbour	330 feet S. ½ E. from outer light	.....	.....	F. white	C	30	5
392	Tracadie	On beach, W. side of entrance, 1,800 feet back from shore line.	46 25 35	63 2 30	F. red	C	40	8
393	Tracadie	Back tower 1,200 feet S.S.W. from front.	.....	.....	F. red	C	32	8
394	Cove Head	Front light close to edge of sand beach at entrance to harbour.	46 26 10	63 8 45	F. white	C	18	3
395	Cove Head	Back light, 600 feet from front.	.....	.....	F. white	C	25	3
396	North or Grand Rustico	W. side of entrance to harbour.	46 27 42	63 17 15	F. white	C	40	8
397	North or Grand Rustico	Front range light, 225 feet from main light.	.....	.....	F. red	C	22	

ISLAND—*Continued.*

BERLAND SIDE—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No
White, octagonal, wood, surmounted by a red iron lantern, dwelling near by.	60	1866 changed 1875	.....	.....	385
Red iron buoy with "North Cape Reef" in white surmounted by a 10-inch whistle.	....	1894	Whistle sounded by action of the waves.	.....	386

OF ST. LAWRENCE SIDE.

White, square, wood..	35	1865 buildings erected 1879	.....	Range lights, to lead into harbour. The inner one is liable to be moved to suit shifting of the channel.	387
White, square, wood..	33		.....	Not more than 6 feet on bar, in line of range. Buoys indicate best channel.	388
Mast, with brown shed at base.	20	1884	.....	Lights in range lead to mid-channel buoy outside bar. Vessels open the lights on starboard bow; after passing buoy, until inner fairway buoy is reached, where channel leaves range. Only 5 feet water on bar at low tide. Outer light liable to be moved.	389
Mast, with brown shed at base.	25	1884	.....		390
Open, square, framework.	21	1876 mov'd 1890	.....	In one, lead in about S.W. by W. past the buoys, leaving the buoy outside bar on starboard, buoy inside bar on port hand. Not more than 5 feet water on bar.	392
White, square, wood..	28	1876 mov'd 1890 and 1894	.....	Position of both towers liable to be changed to suit shifting of the channel.	393
Lantern on mast	17	1879	.....	Back light liable to be moved to suit changes in the channel. Only 4 feet water on bar. Visible from all points of approach.	394
Lantern on mast....	27	1879	.....		395
White, square, wood, with dwelling attached.	35	1876 changed. 1884	.....	The alignment leads to black can buoy outside bar in 13 feet water, after passing which vessels must open lights, leaving them on starboard side to clear breakwater on N. side of entrance to harbour. A small spar buoy marks outer extremity of breakwater of which the part above water has been carried away. Outer light liable to be moved to suit channel.	396
Lantern on mast	20	1884	.....		397

PRINCE EDWARD

GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
398		Outer end of breakwater on N. W. side of entrance to Grenville Harbour.	46 31 10	63 28 52	F. white	C....	24	7
399	NEW LONDON.....	Back light on beach 1500 ft. S. W. of main light.	.....	.....	F. red.....	C	45	7
400		Front range, near shore-line, 6¼ cables south-eastwardly from C. Aylesbury.	46 34 0	63 39 0	F. red	C....	40	7
401	DARNLEY POINT...	1,341 feet S. W. by S. from front light.	....	.....	F. red.....	C . .	65	7
402		Entrance to Malpeque or Richmond Bay on inside of island.	46 34 50	63 42 29	F. white..	C	50	12
403	FISH ISLAND.....	Front range, 1,200 feet S.E. by E. ½ E. from main light.	46 34 52	63 42 17	F. white.....	.....	18	6
404		Darnley Basin range, 400 feet S. by E. ½ E. from main light.	.....	.....	F. red.....	D, p..	18	6
405		On Conway Inlet, N. side.	46 40 0	63 52 40	F. white.....	C	26	10
406	LITTLE CHANNEL..	Front range, 200 feet from main light.	.....	.....	F. white.....	C	16	8
408	SANDY ISLAND.....	S. W. part of island, entrance to Cascumpec.	46 48 22	64 2 20	F. white.....	C	45	12
409		Front range light, near inner end of railway wharf.	46 48 0	64 3 0	F. red.	C	22	6
410	CASCUMPEC, OR ALBERTON.	Back range light, on the village square.	.....	. .....	F. red.....	C	40	11

ISLAND—*Continued.*

LAWRENCE SIDE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, open framework below, brown.	21	1879	....	The two lights visible over 110° between Sim's Point and sand hills on E. side of harbour. In range they show the entrance to the harbour.	398
White, square, wood, with dwelling attached. Iron lantern brown.	35	1876	....	Outer range light liable to be moved to suit shifting of the channel. Strangers should take a pilot to enter.	399
Lantern on a mast, with white shed on base. Diamond beacon extends from top of mast to roof of shed.	30	1889	.....	Visible over an arc of 22½° on each side of alignment, and also north-westwardly along the north bar. Alignment leads to black can buoy at Eastern Passage over bar at entrance to Malpeque Harbour. Vessels entering keep the alignment until they bring the Fish Island lights in one.	400
Similar to front building.	30	1889	.....		401
White, square, wood, with dwelling attached.	46	1856 rebuilt 1876	....	The main light is a sea light. The smaller one, in range with it, shows the channel over the bar, with 15 feet, and ranging with the fairway buoy inside the bar, whence the channel is marked by the harbour buoys. There is a 13-foot spot between the Eastern Passage buoy and the fairway buoys.	402
Open framework, lantern white.	22	1876	....		403
Lantern on a mast		.....	.....	Fishing boat guide. In line with main light leads to entrance of channel into Darnley Basin.	404
White, square, wood, with kitchen attached.	30	1872 rebuilt 1876	....	In one, lead through channel with 5 feet at entrance to harbour. There is a ballast heap in the alignment at the point of the S. sand hill, to pass this the front light must be opened to N. Outer light liable to be moved to suit changes in the channel.	405
Open framework, lantern white.	20	1876	.....		406
White, square, wood, with dwelling attached.	41	1856 rebuilt 1876	....	Coast light	408
Lantern on a mast, with slatwork day beacon standing on cribwork block.	19	1885	.....	Range lights; back light about 1,100 feet due W. from front light, leads a direct course from the outer buoy up the harbour.	409
Open frame tower, surmounted by a mast, with slatwork day beacon.	22	1885	.....		410

PRINCE EDWARD

GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather
411		Back range light, on beach, at inner end of N. breakwater pier.	46 57 35	63 59 20	F. white.....	C	35	11
412	BIG TIGNISH.....	Front light, on outer end of N. breakwater pier, 620 feet S. E. ½ E. from main light.	.....	.....	F. red.....	C	18	5
	NORTH POINT.....	See above, No. 385.						

ISLAND—*Concluded.*

LAWRENCE SIDE—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, with a black horizontal band, square, wood.	33	1877 building 1881	....	These two lights, in range, guide in N.W. ½ W. between the breakwaters.	411
Lantern on a mast, with white shed at base.	14	1883	....	The outer light also shows end of pier, and is for convenience of small vessels only.	412

NEW BRUNS

GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	For lights in Nova Scotia, see 344 and preceding numbers.							
	do on Bay of Fundy, coast of New Brunswick, see 82 and preceding numbers.							
414	JOURIMAIN	On east end of island	46 9 42	63 48 20	Rev. white, 10 seconds.	C	72	14
415	SHEDIAC NORTH CHANNEL.	On northernmost part of Pt. du Chêne.	46 14 43	64 30 48	F. red	D, p.	32	7
416		602 ft. S.W. by S. from front light.			F. red	D, p.	38	7
417	SHEDIAC ISLAND	Front light on E. shore, near S. end of island.	46 15 32	64 31 57	F. white	C	36	11
418		Back light about 619 feet W. by N. $\frac{1}{8}$ N. from front.			F. white	C	52	12
419	SHEDIAC HARBOUR	On extremity of Point du Chene north railway wharf.	46 14 38	64 31 44	F. white	D, 7.	32	6
420		On extremity of south railway wharf, about 300 feet S.W. $\frac{1}{2}$ S. from front.			F. white	D, 7.	38	6
422	CASSIES POINT	On point	46 19 24	64 30 40	Rev. white, 30 seconds.	C	47	14
423	BUCTOUCHE	On Dixon Point	46 27 40	64 38 50	F. white	C	36	11
424		1,050 feet N.W. by W. from front light.			F. white	C	41	12
425	BUCTOUCHE INNER LIGHTS.	Front light, close to shore road on Indian or Church Point.	46 29 35	64 40 30	F. white	C	23	9
426		Back light, 1,989 feet N.N.W. $\frac{1}{4}$ W. from front one.			F. white	C	53	12
428	RICHIBUCTO HEAD	On headland	46 39 40	64 42 30	F. white	D, 4.	70	14
429	RICHIBUCTO HARBOUR.	On outside of bank, S beach.	46 42 50	64 45 45	F. white	C	40	12
430		326 feet S. W. by W. $\frac{1}{2}$ W. from front light.			F. red	C	44	12
433	ESCUMINAC	On point	47 4 32	64 47 33	F. white	D, 3.	66	14

WICK.

LAWRENCE.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, octagonal.....	45	1870 changed 1878	....	Visible over an arc of 229° 47′ from S. 54° 47′ E. round by W. to N. 5° W.	414
Lantern on a mast with white shed at base.	20	1895	.....	To enter keep this alignment until the Shediac Island lights are brought in one.	415
Lantern on a mast with white shed at base.	28	1895	.....		416
White, square, wood, Lantern red.	37	1869 rebuilt 1895	.....	Range lights. The alignment should be kept until the Point du Chêne lights are brought in one.	417
White, square, wood. Lantern red.	47	1869 rebuilt 1895	.....		418
On iron mast, with shed at the base.	29	1860	....	Alignment gives best water from intersection with Shediac Island range to the wharfs.	419
On iron mast, with shed at the base.	37	1860	....		420
White, square, wood, with dwelling attached.	27	1872	....	.....	422
White, square, wood..	30	1881	.....	Range lights, to guide into Buctouche Harbour.	423
White, square, wood..	34	1881	....		424
White, square, wood, with red roof.	23	1883	....	Range lights, visible in direction of range, replacing former day beacons.	425
White, square, wood, with red roof.	23	1883	.....	Lead into harbour through deepest channel clear of all obstructions, from line of range of Dixon Point lights to where channel turns abruptly to westward to enter Buctouche River.	426
White, square.....	50	1864	....	....	428
White, square, wood, dwelling attached.	33	1879	. ...	Lead through channel over bar to red spar buoy at entrance to river, thence follow shore 1 cable distant, about 8 cables, when buoy channel is reached.	429
White, square, wood, open frame.	43	1879	....		430
White, octagonal, wood, dwelling near by.	69	1841	Steam-horn gives blasts of 6 seconds, with intervals of 35 seconds.	Fog-alarm building 240 feet N.N.W. of lighthouse.	433

NEW BRUNS

GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	MIRAMICHI BAY AND RIVER.							
434	PRESTON BEACH.	On S. shore Miramichi Bay.	47 4 47	64 54 58	F. white.....	D, p..	52	10
435		510 feet S. by E. ½ E. from front light.	.....	.....	F. white.....	D, p..	66	10
436	SWASHWAY RANGE.	Front light on E. shore of Fox Island, 1½ miles from S. end.	47 6 46	64 59 50	F. white.....	C	47	12
437		1,220 feet W. by N. ¼ N. from front light.	.....	.....	F. white.....	C	72	14
438	FOX ISLAND, N.W. POINT.	No. 1, 100 feet from north of coast.	47 7 55	65 2 6	F. white	D, p..	47	8
439		No. 2, 1,051 feet S. E. ½ E. from No. 1.	.....	.....	F. white.....	D, p..	46	8
440		No. 3, 954 feet S.W. by W. ⅞ W. from No. 1.	47 7 52	65 2 15	F. white.....	D, p .	36	8
441	PORTAGE ISLAND.	Near S. point of Island	47 9 45	65 2 38	F. white.....	C	45	12
442	MIRAMICHI BAY LIGHT-SHIP.	Horseshoe Bar, between Fox and Portage Islands.	47 8 14	65 4 3	F. red.....	C	35	8
443	BAY DU VIN ISLAND.	On west end of Island..	47 5 7	65 6 53	F. white.....	C	30	10
444		1,222 feet N. E. by E. from front light.	.....	.....	F. white	C	42	11
445	OAK POINT FRONT.	On the point, north side of river.	47 7 22	65 15 42	F. white.....	D, p..	43	10
446	OAK POINT BACK.	1,800 feet N. E. by E. from front light.	.....	.....	F. white	D, p .	48	10
447	SHELDRAKE ISLAND.	On E. end of Island...	47 5 30	65 19 0	F. white.....	C	45	12
448		Near west end of Island, about 1,165 feet W. of front light.	.....	....	F. white	C ...	35	10
449	GRANT BEACH.	North shore of river...	47 5 7	65 23 45	F. white.... ...	D, p..	120	10
450		1,300 feet N., 66° W. from front.	.....	.....	F. white.....	D, p..	140	10

WICK—*Continued.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White mast with elevated platform surmounted by pyramids.	60	1869	.....	Alignment.	434
White mast with elevated platform attached to gable of a barn with striped roof.	66	1869	.....		435
White, skeleton, slatted on seaward face, wood.	46	1872 changed 1891	.....	The alignment W. by N. $\frac{1}{4}$ N. leads from the deep water of the outer bay through the Swashway to the buoys in the ship channel, with nowhere less than $2\frac{3}{4}$ fathoms.	436
White, skeleton, slatted on seaward face, wood.	71		.....		437
Lantern on mast, with white shed at base.	40	Removed 1881	.....	Nos. 1 and 2, in line, range N.W. $\frac{1}{2}$ N. into the Horse-shoe Channel.	438
Lantern on mast, with white shed at base.	38	Removed 1881	.....	Nos. 1 and 3, in line, range N.E. by E. $\frac{7}{8}$ E. through Portage Island Channel.	439
Lantern on mast, with white shed at base.	28	1881	.....	Nos. 2 and 3, in line, range W. by N. $\frac{1}{2}$ N. to the upper buoy of Horse-shoe Shoal.	440
White, square, wood, with dwelling near.	42	1869	.....	.....	441
A schooner rigged ship.	.....	1873	.....	.....	442
Lantern on mast, red shed at base.	25	1882	.....	Range lights.	443
Lantern on mast, red shed at base.	30	1882	.....		444
Lantern hoisted on mast, with white shed at base, all supported on trestle-work.	28	1869	.....	In one lead to red buoy in river above.	445
Same as front light....	38	1869	.....		446
Mast, with shed at base.	46	1869	.....	Alignment leads up Oak Channel to intersection with Oak Point range.	447
Mast, with shed at base.	39	1869	.....		448
Same as Oak Point..	34	1869	.....	In one lead to Napan black buoy.	449
Same as Oak Point..	34	1869	.....		450

NEW BRUNS

GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
451	Middle Island.	Miramichi Bay	47 3 28	65 27 0	F. white.....	C	44	11
452	Newcastle.....	On lime-kiln bank, N. side of river, below the town.	47 0 45	65 33 40	F. red	D, p..	87	9
454	Hay Island..	Near east end of Island.	47 13 54	65 3 46	F. white.....	C	23	10
455		224 feet W. ¾ N. from front light.	.....	.....	F. white.....	C	30	11
456	Lower Neguac Wharf.	On outer end of wharf.	47 15 40	65 2 35	F. red.....	D, p..	28	8
457		On the beach, 1,080 ft. N. N.W. ¼ W. from front light.	.....	.....	F. white.....	C	32	10
458	Neguac	On N.E. side of gully..	47 14 40	65 0 22	F. white.....	C	32	11
	Escuminac	See No. 433 above.						
	Portage Island....	See No. 441 above.						
461	South Tracadie..	N. side of gully... . .	47 30 05	64 52 10	F. white.....	C	20	8
462		Back light, 276 feet N. W. by N. ¾ N. from front light.	.....	.....	F. red.....	C	26	8
463	North Tracadie.	Front light on S. side of gully, 109 feet S.E. by E. ½ E. from main light.	.....	.....	F. white.....	D, p..	24	6
464		Main light on point on S. side of gully.	47 33 00	64 51 35	F. white..... ...	C	37	11
465		On beach, N. side of gully.	47 40 10	64 46 0	F. green.....	C	35	8
466	Pokemouche	270 feet S. by W. ¾ W. from main light.	.....	.....	F. red.....	C	25	5
467		Near extremity of point, S. side Big Shippegan Gully.	47 43 40	64 40 30	F. red	D, p..	28	4
468	Indian Point....	444 feet N. 31° 15′ W. from front range.	.....	.....	F. white.....	D, p..	39	11

WICK—*Continued.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No
Mast with shed at base.	45	1874			451
White, square, wood, with red roof.	23	1884			452
Lantern on mast, with red shed at base.	15	1881		Range lights, to enable vessels seeking shelter to clear the point of the shoal off the east end of the island.	454
White, with red roof, square, wood.	21	1881			455
Lantern on mast, with white shed at base. An oval slatwork target on mast.	24	1892		Alignment guides over the bars inside Neguac gully. Outer light leads to wharf.	456
White, square, wood, lantern red.	33	1892			457
White, square, wood, lantern on a mast.	30	1873 rebuilt 1893			458
White, square, open frame.	19	1877		Vessels crossing the bar from sea should keep the line in range. Width of bar two cable lengths.	461
Red, square, wood....	26	1877			462
Lantern on mast with shed at base, the whole painted white.	23	1894		To enter bring the lights in one N. W. by W. ½ W., and when near inner can buoy haul up N. by W. round S. end of beach.	463
White, square, wood..	33	1875 mov'd 1894			464
White, square, wood, with dwelling attached.	37	1876			465
Lantern on a pole, travelling on a tramway to suit changes in channel.	23	1885		Range to guide to can buoy at passage over bar.	466
Lantern on a mast, with small shed at base.	25	1889		Visible in the line of range..... Alignment indicates best water over the bar. A mid-channel buoy on the alignment outside the bar. After passing it, vessels entering should keep the alignment until nearing black can buoy inside bar, whence channel is marked by harbour buoys.	467
Lantern on a mast, with small shed at base.	35	1889			468

NEW BRUNS-

GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
469	BIG SHIPPEGAN.....	On Alexander Point, N.E. of entrance to gully.	47 43 30	64 39 10	F. white.....	C	32	11
470	MISCOU GULLY.....	On N. side of E. entrance to Little Shippegan.	47 55 5	64 29 30	F. white.....	D, p..	45	7
471	MISCOU ISLAND.....	Birch Point.....	48 1 0	64 29 25	Gp. rev. white 4 flashes, at intervals of 15 seconds, followed by eclipse of 30 seconds. Complete revolution in 1¼ minutes.	C ...	79	14
473	GOOSE LAKE....	W. side of Miscou Island.	47 55 40	64 35 40	Rev. white, every minute.	C ...	40	10
474	HARPER POINT..	At western entrance to Little Shippegan.	47 54 0	64 35 0	F. white	D, p .	33	6
476	POKESUDIE.....	N.E. point of island..	47 49 10	64 44 40	F. white.	D, 7..	41	11
477	CARAQUET.....	On island, Bay of Chaleur.	47 49 30	64 54 10	F. white.....	D, p..	49	14
479	STONEHAVEN....	At head of pier... . .	47 45 30	65 20 50	F. red.....	D, 7..	88	15
480	BELLONI POINT.	On E. side entrance to Bathurst Harbour.	47 40 21	65 33 18	F. white....	D, p..	30	10
481	BATHURST.. . .	On Carons Point	47 39 20	65 36 40	F. white.....	C	33	10
482					F. red	C	43	14
484	CHALEUR BAY. PETIT ROCHER..	On Elm Tree Point....	47 48 39	65 43 13	F. white.....	C ...	36	12
485	LITTLE BELLE-DUNE.	On the point.....	47 55 10	65 53 25	F. white.....	D, p..	38	11
486	HERON ISLAND..	Chaleur Bay	48 0 0	66 8 0	F. white....	C . .	66	15
487	DOUGLAS ISLAND OR DALHOUSIE ISLAND.	On E. end of island....	48 4 25	66 21 30	F. white.....	C ...	30	6
488	DALHOUSIE HARBOUR.	S. side of entrance to harbour.	48 3 45	66 20 50	F. white.....	D, p..	49	13
489	DALHOUSIE RAILWAY WHARF.	29 feet from outer end and 33 feet from front edge of wharf.	48 4 25	66 22 25	F. white	D, p..	30	9
490	MONTGOMERY ISLAND.	On summit, 296 feet S. E. ¾ E. from wharf light.	.....	.....	F. white	C	34	9
492	CAMPBELLTON RANGE LIGHTS	Pier beside railway wharf, Restigouche River.	48 0 50	66 39 55	F. white..	C	24	9
493		On Moffat's Wharf	.. ...	.....	F. white..... ...	C	24	9

WICK—*Concluded.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	30	1872 removed 1880	.....	.....	469
Lantern on a mast, with white shed at base, standing on a crib.	25	1887	.....	To mark entrance to the gully from the gulf.	470
White, octagonal, wood	74	1856	Steam-whistle sounds a blast of 5 seconds every ½ minute.	Connected by telephone with telegraph system. Whistle established in 1875, situated 107 yards E. from lighthouse.	471
White, square, wood..	28	1875	.....	.....	473
Lantern on a mast, with white shed at base, standing on a crib.	25	1887	.....	.....	474
White, square, wood..	34	1881	.....	.....	476
White, square tower on dwelling.	43	1870	.....	.....	477
White, square, wood..	37	1885	.....	.....	479
White, square, wood..	22	1890	.....	Visible from E. through S. to W...	480
White, wood..	34	1871	.....	Indicates outside limit of shoal off mouth of Bathurst Harbour.	481
Red and white striped, square, wood.	.....	1871 rebuilt 1878	.....	Range lights, to guide vessels into the harbour.	482
White, square, wood..	31	1879	.....	.....	484
Mast, with white shed at base.	28	1884	.....	.....	485
White, square, wood..	20	1875	.....	Visible from all points seaward....	486
White, square, wood..	22	1886	.....	Visible easterly and north-westerly.	487
White, square, wood..	33	1870	.....	Seen from all points of approach...	488
Square, white lantern projecting through roof of railway wooden freight shed.	34	1879	.....	Visible in line of range, and to the E.N.E.	489
White, square, wood..	22	1879	.....	These two form a range to lead to the railway wharf clear of all shoals. Visible in line of range.....	490
White, square, wood..	22	1879	.....	.....	492
White, square, wood..	22	1879	.....	.....	493

PROVINCE OF GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
496	Chaleur Bay. Carleton	On Tracadigash Point.	48 5 15	66 7 0	F. white	C	32	12
499	Chaleur Bay. Paspebiac	330 feet N. from S. extremity of Spit.	48 1 2	65 14 20	F. white	C	50	12
501	Chaleur Bay. Macquereau Point	On extremity	48 12 30	64 46 25	Alt. red and white, one minute.	C	56	12
502	Chaleur Bay. Newport Point.	On island off extremity	48 17 23	64 42 42	F. white	D, p.	36	12
503	Grand River	On E. side of entrance, coast of Gaspé	48 24 35	64 28 35	F. red.	D. 7.	52	8
504	Cape Despair	Near extremity	48 25 40	64 18 30	Rev. white, every ½ minute.	C	90	15
505	Percé	On White Head	48 30 30	64 12 40	F. white.	C	149	13
506	Point Peter	On Flat Rock, or Plateau, off the Point.	48 37 50	64 9 0	Rev. red, 30 secs.	C	77	10
507	Gaspé Bay Light-ship.	At Sandy Beach Point, moored off extreme of Spit.	48 50 35	64 24 30	F. red on foremast F, white on main mast.	D, p. D, p.	29 37	6 11
508	Gaspé	O'Hara Point Wharf, Basin.	48 49 45	64 28 45	F. red	C	38	7
509	Cape Gaspé	Close to S. face	48 45 15	64 9 35	Gp. rev. white, 3 flashes 15 secs. apart followed by eclipse of 30 secs. Complete revolution 1 min.	C	355	26
	Cape Rosier	See No. 553.						

QUEBEC.

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, wood.....	28	1872	....	....	496
White, square, wood, with dwelling near by.	54	1870 re-built 1881	Hand-horn answers signals from vessels.	In running into the harbour the light changes to red, covering the anchorage over an arc of 45° between E.S.E. and S.S.E.	499
White, square, wood, dwelling attached.	27	1874	Hand-horn answers signals from vessels.	Marine telegraph and signal station	501
White, square, wood..	27	1895	....	....	502
White, hexagonal, wood, with red iron lantern.	43	1885	Hand-horn answers signals from vessels.	....	503
White, square, wood, dwelling with red roof attached.	43	1874	Hand-horn answers signals from vessels.	Marine telegraph and signal station	504
White, square, wood..	29	1874	Hand-horn answers signals from vessels.	....	505
White, square, wood, dwelling attached.	50	1883	Hand-horn answers signals from vessels.	Visible from all points seaward. ...	506
Hull red, with "Light Ship" on her side.	.....	1871	Hand-horn answers signals from vessels.	....	507
White, with red roof, square, wood.	37	. ....	....	.....	508
White, square, wood, red iron lantern. Tower rises from middle of S. face of dwelling.	46	1873 re-built 1892	Cotton powder bombs exploded every 20 minutes. Hand-horn answers signals from vessels.	Visible from all points seaward...	509

PROVINCE OF NEWFOUNDLAND

No.	Light.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
521	Strait of Belle Isle. Belle Isle...	Summit of extreme S. point of Island.	51 53 0	55 22 10	F. white, visible from about S.E. by S. to W.	D. 1..	470	28
522		333 feet below the main light.	.....	.....	F. white.....	C	137	17
523	Cape Bauld ...	Northernmost point of Newfoundland.	51 38 50	55 25 0	Alt. red and white, 45 seconds.	C	154	18
524	Cape Norman..	On the cliff, about $\frac{3}{4}$ mile from extreme point.	51 38 7	55 54 6	Rev. white, 2 minutes.	C	116	20
525	Amour Point...	S.E. side of Forteau Bay	51 27 35	56 50 53	F. white.....	D, 2..	152	18
526	Greenly Island	On S.W. part of Island	51 22 33	57 10 51	Gp. rev. red and white, white, $\frac{1}{2}$ min., red $\frac{1}{2}$ min., white $\frac{1}{2}$ min., eclipse, $1\frac{1}{2}$ min.	C	108	15
528	Rich Point.....	W. coast of Newfoundland.	50 42 0	57 24 30	Gp. rev. white, showing 2 flashes 15 secs. apart and eclipse 30 secs. Complete revolution 45 secs.	C .. .	93	15
530	Cape Ray..... ..	On W. side of Cape, 650 feet from the shore.	47 37 0	59 18 0	Rev. white, 20 secs.	C . ..	127	17
	For the convenience of mariners the following 11 lights, &c., on the S. coast of Newfoundland, not under Canadian control, have been inserted :—							
	Port Basque.....	On Channel Cape.	47 33 50	59 7 11	F. red.....	D, 6..	90	12
	Rose Blanche Point	On E. extremity of Point.	47 35 48	58 41 31	F. white.....	D, 4..	95	13
	Ireland Island....	On E. side of entrance to La Poile Bay.	47 37 52	58 22 13	Rev. white 12 seconds.	D, 5..	67	9
	Boar Island.....	E. extremity of Burgeo Islands.	47 36 10	57 35 10	F. red.....	D, 6..	208	17

QUEBEC—*Continued.*

AND LABRADOR.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, circular, stone clapboarded with white dwelling attached.	59	1858	Cotton powder bombs exploded every 20 minutes.	Signals fired out from a point near upper light 400 feet above water, about 500 feet southerly, exploding high in the air. Depot of provisions for shipwrecked mariners.	521
White, square, wood, iron lantern red.	31	1880		In fog, lower light may be visible when high obscured, or *vice versa*.	522
White, square, wood, dwelling attached.	54	1884	Steam-horn gives a blast of 10 seconds in each minute.	Sea light, and to indicate entrance to Strait of Belle Isle, visible from all points of approach seaward.	523
White, hexagonal, wood Fog-horn building square, wood, white, with red roof.	55	1871 Fog-alarm, 1890	Steam-horn gives a blast of 5 seconds every 35 seconds.	Visible from all points of approach seaward. Horn 67 feet above h. w. m. 210 feet E. of light.	524
White, circular, stone, wood covered, with white, red roofed dwelling attached. Fog-alarm building white, wooden.	104	1855	Whistle sounds a blast of 8 seconds every minute.	Fog-whistle on point, 166 feet S. by E. from lighthouse. If whistle becomes disabled, horn in same building will sound similar blasts.	525
White, with lantern and dwelling roof red, octagonal, wood, with dwelling attached. Fog-alarm building white, wood, roof red.	78	1878	Steam-horn gives blasts of 10 seconds, with intervals of 80 seconds.	Light completes a revolution every 3 minutes. Horn 1,064 feet S.E. $\frac{1}{3}$ S. from the lighthouse.	526
White, octagonal, wood, with red iron lantern, white dwelling behind.	58	1871 rebuilt 1892	.....	Visible from all points seaward ...	528
White, octagonal, wood, white dwelling and outbuildings, with red roofs, near by.	75	1871 rebuilt 1885	Steam-horn gives a blast of 10 seconds in each minute.	Horn at the shore ..... Marine telegraph and signal ice report station.	530
Wooden tower.... ...	34	1875	.....	Under Newfoundland Government.	
Stone tower with vertical red and white stripes. Dwelling attached.	40	1874	.....	do do ..	
Iron tower with red and white horizontal bands.	39	1886	.....	do do ..	
Wooden tower, dwelling attached.	.....	1874	.....	do do ..	

PROVINCE OF NEWFOUNDLAND

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	St. Pierre and Miquelon. — Cape Blanc	N. W. extremity of Grand Miquelon.	47 6 10	56 24 9	Occ. white with red sector, visible 10 seconds in each minute.	D, 2..	103	15 to 16
	St. Pierre and Miquelon. — Langlade	On Plate Point	46 49 8	56 24 19	F. white	.....	.....	8 to 10
	St. Pierre and Miquelon. — Galantry Head	S. extremity of St. Pierre.	46 45 42	56 9 44	Gp. Fl. Two white and one red, 20 seconds.	D, 2..	210	18
	Lamalin Harbour	S.E. Point of Allan Island.	46 51 0	55 48 0	F. white	D, 8..	64	8
	Dodding Head	S. Point of Grand Burin Island.	47 0 26	55 9 0	Rev. white, 1 minute.	D, 2..	430	24
	Cape St. Mary	On the Cape	46 49 34	54 11 34	Alt. 1 minute	D, 1..	390	26
	Cape Pine	On the Cape	46 37 4	53 31 45	F. white	C	315	24
532	Cape Race	On the Cape	46 39 24	53 4 17	Rev. white, 30 secs.	C	180	30
	For Nova Scotia lights see No. 85 *et seq.*							

ISLANDS IN THE GULF

534	St. Paul Island. — N.E. Point	On rock off point (Establishments on this island are under the Nova Scotia Agency.)	47 13 55	60 8 20	F. white	D, 1..	140	20
535	St. Paul Island. — Fog-Whistle	S. side of island, S.E. of Atlantic Cove, about ½ mile from Humane Station.	47 11 48	60 8 45	.....	.....	.....	.....
536	St. Paul Island. — S.W. Point	On point	47 11 20	60 9 40	Rev. white, 1 minute.	D, 1..	140	20

QUEBEC—*Continued.*

AND LABRADOR—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Lower part white, upper part black, lantern white.	49	1883	.....	French light.....	
....	.....	... .	Siren give blasts of 8 seconds' duration with alternate intervals of 8 seconds and 36 seconds.	do (Temporary).....	
Semicircular tower against square dwelling.	38	1862	Whistle sounds for six seconds with intervals of one minute.	do	
Octagonal wood, alternate red and white sides.	36	1879	... .	Under Newfoundland Government.	
Circular tower on dwelling.	25	1858	....	do do ..	
Circular, iron, red.....	40	1860	....	do do ..	
Circular with red and white horizontal bands	56	1851	....	do do ..	
Circular, S. E. face striped red and white vertically, brick, with wooden dwelling attached.	40	1856	Steam-whistle sounds 10 seconds in every minute.	Visible between bearings of E.N.E. and W.S.W. A conical beacon stands 150 feet S. of lighthouse. Whistle about 250 feet S. of lighthouse. (This station is under the control of Nova Scotia Agency.)	532

OF ST. LAWRENCE.

White, octagonal, wood, dwelling near tower.	40	1839	.....	Obscured between N. by E. ¼ E. and E.N.E. Not lit from 31st December to 1st April, unless open water is visible.	534
Brown, wood, whistle about 80 feet above water.	.....	....	Steam-whistle sounds for 5 seconds in each minute.	Marine telegraph and ice report station at main establishment on island.	535
White, octagonal, wood	40	1831	....	Obscured on bearings from S.S.E. to W. ½ N. Not lit from 31st December to 1st April, unless open water is visible.	536

PROVINCE OF

ISLANDS IN THE GULF

No.		Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
538	Magdalen Islands.	Bird Rocks....	On summit of Great Bird Rock.	47 50 40	61 8 20	F. white	D, 2..	140	17
539	Magdalen Islands.	Etang du Nord	W. side of Grindstone Island.	47 23 20	61 57 30	Rev. white, 1½ minutes.	C	97	20
540	Magdalen Islands.	Amherst Island	S. point of Island	47 13 06	61 58 0	Alt. red and white, 30 seconds.	C	107	20
541	Magdalen Islands.	Entry Island..	On S. side of island....	47 16 30	61 42 0	F. white.....	C ...	93	12
545	Anticosti.	Heath Point...	Near the E. end of the island.	49 5 20	61 42 16	F. white.....	C	99	15
546	Anticosti.	Bagot Bluff...	¾ mile W. from S. point	49 3 50	62 15 50	Rev. white, 20 seconds.	C .. .	75	14
547	Anticosti.	South-West Point.	On extremity..... ...	49 23 45	63 35 46	Rev. white, 1 minute.	C	94	15
548	Anticosti.	West Point....	Extreme W. point, Anticosti Island.	49 52 30	64 31 40	F. white.....	D, 2..	106	15
550		Perroquet Island..	On North-westernmost Island of the group, 83 feet from N. cliff and 228 feet from W. cliff.	50 13 35	64 12 30	Rev. white, 30 seconds.	C	87	15

GULF OF ST.

	Cape Gaspé.....	See above, No. 509.							
53	Cape Rosier.	On Cape.....	48 51 38	64 11 50	F. white.....	D, 1..	136	17

QUEBEC—*Continued.*

OF ST. LAWRENCE—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, hexagonal, wood, with white dwelling near tower.	39	1870 rebuilt 1887	Cotton powder bombs exploded every 20 minutes.	International Code flags kept here to enable keeper to make known wants.	538
White, square, wood..	42	1874	.....	.....	539
White, hexagonal wood	54	1871	.....	Visible over an arc of 198° from W. by N. ¼ N. round through N. to S. E. ⅞ E. Marine telegraph and signal and ice report station.	540
White, square, wood, dwelling attached.	42	1874	.....	Light visible from W.N.W. through N. and E. to S.	541
White, with a red horizontal band, circular, faced and clap-boarded.	95	1835	Cotton powder bombs exploded every 20 minutes.	The lighthouse is always kept open to the southward of Cormorant Point. Visible between the bearings S.W. by W. to E. Marine telegraph and signal and ice report station.	545
White, with a red vertical stripe, hexagonal. White dwelling E. of tower, fog-alarm farther E. white, with red roof, wood.	54	1871	Steam-horn sounds for 10 seconds in every minute. If the horn is out of order a whistle will sound similar blasts.	Horn 100 yards E. of lighthouse. This alarm is inaudible at any serviceable distance in some conditions of the atmosphere. Marine telegraph and signal and ice report station.	546
White, with two red horizontal bands, circular, stone, clap-boarded.	90	1831	.....	Visible from all points of approach. Marine telegraph and signal and ice report station.	547
White, with two red vertical stripes circular, stone, boarded. Fire-brick dwelling attached.	112	1858	Cotton powder bombs exploded every 20 minutes.	Marine telegraph and signal and ice report station.	548
White, with iron lantern red, square, wood, with dwelling attached.	55	1888	.....	Light visible from all points of approach except where intercepted by Mingan Island, between the bearings of N. W. by W. ½ W. and N.W. ½ N.	550

LAWRENCE.

White, circular, clap-boarded.	112	1858	Steam-horn sounds blasts of 10 seconds every minute.	If the horn is out of order a whistle will sound similar blasts. Marine telegraph and signal station.	553

PROVINCE OF

GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
554	FAME POINT	County of Gaspé, South Coast.	49 6 48	64 36 20	F. white, varied by red flashes every 20 seconds.	C	200	20
556	CAPE MAGDALEN....	On Cape	49 15 35	65 19 15	Alt. red and white, 2 minutes.	C	147	15 Red 20 White
557	MARTIN RIVER.	On S. shore, Gaspé County.	49 13 20	66 9 0	F. white.....	C	125	17
558	SEVEN ISLANDS	On Carousel Island....	50 5 25	66 23 5	F. white.....	C	190	20
559	CAPE CHATTE.....	N.E. point of Cape....	49 5 55	66 45 29	Rev. white, 30 seconds.	C	120	18
560	EGG ISLAND.....	200 yards from S. end of Island.	49 38 0	67 10 0	Rev. white, 1½ minutes.	C	74	15
561	POINT DE MONTS....	About 1¼ miles N. E. of Point.	49 19 35	67 22 0	F. white.....	C . ..	93	15

RIVER ST.

564	MATANE.....	County of Rimouski..	48 51 35	67 31 40	F. white....	C & D, p.	66	14
565	MATANE PIER.	End of Government Pier.	48 51 50	67 31 35	F. white..	C	30	7
566	LITTLE METIS.....	On the Point....	48 41 0	68 2 20	Alt. red and white, 1 minute.	C	56	13
568	BERSIMIS RIVER...	On beach on N. shore of river, inside mouth.	48 56 10	68 38 28	F. white.....	C	30	5
69		360 ft. N. W. ⅜ N. from front light.	.....	.....	F. white.....	C	40	5

QUEBEC—*Continued.*

LAWRENCE—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, with a black horizontal band, square, wood.	50	1880	.....	Marine telegraph and signal station.	554
White, with a black vertical stripe, hexagonal, dwelling behind. Alarm building white, with brown roof, wooden.	54	1871 Fog-alarm 1892	Steam-whistle 128 ft. above water, sounds blasts of 8 seconds in every half minute.	Marine telegraph and signal station. Whistle building stands on cliff in front and W. of light.	556
White, with two black horizontal bands, square, wood, with dwelling attached.	54	1876	.....	Marine telegraph and signal station.	557
White, with a red horizontal band, square, wood, with dwelling attached.	39	1870 rebuilt, 1875	.....	.....	558
White, with two black vertical stripes, square, wood.	32	1871 rebuilt, 1875	Cotton powder bombs exploded every 20 minutes.	Visible from all points of approach seaward. Marine telegraph and signal station. Fog-signal derrick stands on face of cliff, 106 feet E. of light.	559
White, with a red vertical stripe, octagonal, on top of dwelling.	48	1871	.....	.....	560
White, with two red horizontal bands, circular, clapboarded.	90	1830	Cotton powder bombs exploded every 20 minutes.	Marine telegraph and signal station.	561

LAWRENCE.

White, with a black cross, square, wood, with dwelling attached.	39	1873 moved 1883	.....	Marine telegraph and signal station.	564
Lantern on a mast with shed at base, painted white.	20	1885	.....	Guide into Matane River.....	565
White, square, with red roof, and dwelling attached.	40	1874	.....	Marine telegraph and signal station.	566
Lantern on mast, with white diamond beacon	20	1891	.....	This range is intended to lead into the river over sand bar, which extends over a mile outside Bersimis Point.	568
Lantern on mast, with white diamond beacon.	30	1891	.....		569

PROVINCE OF

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
571	FATHER POINT.....	On the point.....	48 31 30	68 27 40	Rev. white, 20 secs.	C	48	12
572	PORTNEUF.....	Near point of peninsula forming E. shore of Portneuf R. at its mouth.	48 37 15	69 5 10	F. white.....	C	40	11
574	BICQUETTE ISLAND..	Near centre of island..	48 25 18	68 53 0	Rev. white, 45 seconds.	C	109	17
575	GREEN ISLAND.....	On N. point of island..	48 3 17	69 25 5	F. white.....	C	47	13
576	RED ISLET LIGHT-SHIP.	In 10 fathoms of water, N.E. from Islet, a little open to N. of Hare Island.	48 7 4	69 30 20	F. white.....	{D, 7 {D, 7	34 22	12 ..
578	RED ISLET.....	On centre of islet	48 4 20	69 33 0	Gp. Rev. white, 3 flashes, 10 seconds apart followed by eclipse of 30 seconds; complete revolution 50 seconds.	C .. .	68	12
579	LARK ISLET.....	Entrance to River Saguenay.	48 6 45	69 40 50	F. white.....	C	40	11

RIVER

532	ANSE ST. JEAN.....	On pier head, S. side of St. Jean Bay.	48 14 44	70 10 44	F. white.....	.... .	16	8
583	ST. ALPHONSE.....	On pier head, bottom of Ha Ha Bay.	48 21 1	70 53 0	F. white.....	..	.....	....
584	POSTE ST. MARTIN.	Front light on S. side of river, 200 feet from bank.	48 26 34	70 57 55	F. white.....	C	18	9
585		Back light 833 ft. N.W. $\frac{7}{8}$ W. from front light.	.....	.....	F. white.....	C	39	11
586	RIVER VALIN.....	Front light on N. bank, E. of mouth of river Valin.	48 27 50	70 58 28	F. white.....	C	18	9
587		Back light N.W. by N. $\frac{1}{2}$ N. 734 ft. from front light.	.....	.....	F. white...	C	35	11

QUEBEC—*Continued.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, with a black horizontal band, square.	52	1859	Cotton powder bombs exploded every 20 minutes, and also in reply to steamers' signals.	Pilots stationed here. Marine telegraph and signal station.	571
White, with two red vertical stripes, square wood.	38	1873	....	Marine telegraph and signal station.	572
White, circular, stone, boarded. Fog-alarm building white, with red roof, wood.	74	1844	Steam-horn sounds blasts of 10 seconds' with intervals of 50 seconds.	Horn established 1889, 50 feet N. of lighthouse. If this horn is disabled a similar signal will be given from a building 100 feet E. of tower.	574
White, polygonal, stone, clapboarded; brown, wooden dwelling attached.	56	1809	Cotton powder bombs exploded every 20 minutes.	....	575
Red, schooner rigged, with the words "Red Island Light-ship" on each side.	.....	1871	Steam-whistle sounds 10 seconds in every minute.	Follows ice down from Quebec every spring. Leaves her station every autumn on the 15th November. A red buoy lies about ½ mile W.S.W. from vessel.	576
Grey, stone, circular surmounted by red iron lantern; white dwelling with brown roof attached.	64	1848	....	....	578
White, square, wood, standing on cribwork, with white dwelling near by.	40	1872	Steam-horn sounds a blast of 8 seconds in every 38 seconds.	Horn in a gray wooden building with brown roof, about 250 feet S.W. by S. from lighthouse.	579

SAGUENAY.

Brown pole, beside freight shed on outer end of wharf.	16	....	....	....	582
Brown pole, rising from freight shed.	.....	.....	....	....	583
White, rectangular, wood.	29	1873	.....	Alignment leads up N.W. ⅝ W. from deep water to intersection with River Valin range.	584
White, square, wood, with diamond beacon facing alignment.	38	1873	.....		585
White, square, wood, with diamond slatwork facing alignment.	19	1873	....	Alignment leads N.W. by N. ½ N. towards north shore to intersection with Savard's range.	586
Lantern hoisted to top of slatted framework, with shed at base, white, with red roofs.	35	1873	....		587

PROVINCE OF

RIVER

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
588	Savards	Front light on N. bank, east of river Caribou.	48 27 49	70 59 58	F. white	C	16	8
589		Back light, N.W. ¼ W., 522 feet from front light.	.....	.....	F. white	C	39	11
590	River Caribou	Front light on N. bank W. of river Caribou, in alder swamp.	48 27 30	71 0 49	F. white	C	14	8
591		Back light, W.N.W. 750 feet from front light.	.....	.....	F. white	C	30	10
592	River du Moulin	Front light on S. bank, E. of mouth of river du Moulin.	48 26 17	71 1 48	F. white	C	32	10
593		Back light in trees on hill side, 398 ft. S.W. by W. from front.	.....	.....	F. white	C	56	13
594	Chicoutimi	On outer end of wharf.	48 26 7	71 3 5	F. red down riv. white across river.	....	.....	8

LAKE

597	Metabetchouan	On point on E. side of mouth of river.	.....	.....	F. white	D, p..	...	....
598	Roberval Range	In the village.	.....	.....	Two F. red	D, p..	.....	....
599								
600	Snake Island	On shore, opposite head of Snake Island Reef.	.....	.....	F. white	D, p..	.....	....

RIVER ST.

	Bicquette Island	See above, No. 574.						
	Green Island	See above, No. 575.						
604	White Island Reef Light-ship.	In 8 fathoms off the N. E. extremity of White Island Reef.	47 58 45	69 37 35	Two F. white, one on each mast.	D, 7..	24	10
						D, 7..	27	10
605	Barrett Ledge Gas Buoy.	In 2½ fathoms on middle of Ledge.	47 53 11	69 37 5	Occ. white	D. Gas	10	8
606	Rivière du Loup	On end of Government Wharf.	47 50 59	69 34 1	F. white	D, 7..	36	11

QUEBEC—*Continued.*

SAGUENAY.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with diamond day mark facing alignment.	17	1873	.....	Alignment leads N.W. ¼ W. along N. part of channel to intersection with River Caribou range.	588
White, square, wood, with irregular beacon attached.	31	1873	.....		589
White, square, wood, with beacon facing alignment.	17	1873	.....	Alignment leads W.N.W. to intersection with River du Moulin range, opposite mouth of River Caribou.	590
White, square, wood, with diamond beacon attached.	32	1873	.....		591
White, square, wood, with irregular beacon facing alignment.	18	1873	.....		592
do do ..	24	1873	.....	Alignment leads S.W. by W. towards south shore of river, opposite Cape St. François.	593
Brown pole rising through roof of freight shed.	....	.....	.....	Leads to public wharf.....	594

ST. JOHN.

Lantern on a mast	.....	1889	.....	.....	597
Lanterns on masts	.....	1889	.....	.....	598, 599
Lantern on a mast....	....	1889	.....	.....	600

LAWRENCE—*Continued.*

Painted red, with "White Island Reef" in white on each side	.....	1893 Gas buoy 1886	8-in. steam-whistle, sounds blast of 8 secs., interval 8 secs., blast 8 secs. then interval of 2 min. and 20 secs.	.....	604
Iron cylindrical buoy checkered black and white, with "Barrett Ledge" in white, surmounted by a wooden can shaped slatwork and a small red lantern.	.....	1886	.....	Light cannot be depended upon.... From the buoy Brandy Pots Light bears W.¾ N. 2¾ miles, and Rivière du Loup Lights S.S.E. 2¾ miles.	605
White, square, wood..	35	1882	.....	Marine telegraph and signal station	

PROVINCE OF

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
607	BRANDY POTS..	84 yards from S. E. end of Islet.	47 52 31	69 40 41	F. white	D, 4..	57	10
609	PILGRIM SHOAL GAS BUOY.	On W. end, in 4 fathoms	47 45 50	69 43 35	Occ. white.....	D.Gas	10	8
610	LONG PILGRIM.....	40 yards W. of centre of Island, and 108 yards S. from water's edge.	47 43 8	69 44 40	F. white.....	D, 4..	180	12
611	CAPE SALMON.....	On N. E. extremity of Cape.	46 20 0	69 54 8	Rev. white, 15 seconds.	C	77	14
617	GRANDE ISLE, KAMOURASKA.	240 yards from N.E. end of Island, 160 yards from water's edge.	47 37 30	69 51 28	Rev. white, 30 seconds.	C	109	18
618	CAP À L'AIGLE.....	On outer end of pier...	47 39 37	70 5 50	F. white.....	D, p..	38	6
619	MURRAY BAY.....	On outer end of pier ..	47 37 23	70 8 19	F. white.....	D, p..	30	10
620	POINT AUX ORIGNAUX.	On a wharf, River Ouelle.	47 29 23	70 1 34	F. white.... ...	C....	34	10
621	GOOSE CAPE OR CAP AUX OIES.	Charlevoix County.....	47 29 26	70 13 50	F. white.....	C....	53	12
622	LES EBOULEMENTS..	On outer end of pier at Cap St. Joseph.	47 27 2	70 21 54	F. white.....	D, p..	22	5
623	ISLE AUX COUDRES..	On outer end of pier...	47 25 22	70 23 31	F. white.....	D, p..	26	5
624	BAY ST. PAUL..	On a wharf in middle of the Bay.	47 24 38	70 28 46	F. white	C	33	10
625	MIDDLE GROUND GAS BUOY.	Near E. end of the S. Traverse.	47 24 37	70 13 48	Occ. white, 6 secs..	D,Gas	10	8

QUEBEC—*Continued.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Grey, circular, brick, metal lantern and dwelling roofs red, dwelling walls white.	39	1862	.....	Tower rises out of centre of a square wooden dwelling.	607
Spherical iron buoy painted black with "Pilgrim Shoal" in white, surmounted by a small red lantern.	.....	1886	.....	Light cannot be depended upon... From buoy Long Pilgrim Light bears S. W. by S. ½ S. distant 3 miles.	609
White, with lantern roof red. Circular, brick.	39	1862	.....	Tower rises out of centre of a square wooden dwelling.	610
White, square, wood. Red iron lantern. Tower rises from middle of S.E. face of dwelling.	46	1894	Steam-horn gives blasts of 8 seconds with intervals of 22 seconds.	Locally known as Pointe des Roches.	611
White, square, wood, with dwelling attached. Iron lantern and dwelling roofs red.	39	1862	.....	.....	617
Lantern on a mast....	35	1882	.....	.....	618
Lantern on roof of shed on wharf, roof red, lantern white.	27	1882 improv'd 1890	.....	.....	619
White, square, wood..	28	1875	Hand-horn answers signals from vessels.	.....	620
White, square, wood, with dwelling attached.	42	1876	.....	.....	621
Lantern on roof of shed	18	1882	.....	.....	622
Lantern on a mast	20	1882	.....	.....	623
White, square, wood, dwelling attached.	30	1876	Hand-horn answers signals from vessels.	.....	624
Iron cylindrical buoy painted red with "Middle Ground" in white letters, surmounted by a conical slatwork and a lantern.	.....	1893	.....	Light must not be depended upon..	625

PROVINCE OF

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
626	LOWER TRAVERSE LIGHT-SHIP.	N.E. part of St. Roch Shoals.	47 21 53	70 14 51	Two F. white and one F. red. One F. white at each mast head and red on stay between the masts.	D, 7..	31	9
						D, p..	25	
						D, p..	49	
627	UPPER TRAVERSE LIGHT-SHIP.	In 4 fms. N. W. edge of St. Roch Shoal.	47 19 58	70 16 16	Two F. white, one on each mast head.	D, p..	25 and 31	6
629	CHANNEL PATCH GAS BUOY.	On the Patch in 3 fathoms.	47 14 33	70 19 35	Occ. white.....	D.Gas	14	8
630	STONE PILLAR.	100 yards from S. point of Islet.	47 12 25	70 21 36	Rev. white 30 seconds.	C....	83	14
631	ALGERNON ROCK....	In channel, S. E. of Stone Pillar.	47 12 11	70 21 15	F. white	D, 6..	36	6
633	BEAUJEU BANK E. END GAS BUOY.	In 3 fathoms on Shoal.	47 6 13	70 27 56	F. pink.....	D.Gas	10	8
634	BEAUJEU BANK W. END GAS AND BELL-BUOY.	In 3½ fathoms on Shoal.	47 4 11	70 30 37	Occ. white 6 seconds.	D.Gas	14	8
636	CRANE ISLAND.....	Near extremity of pier, 1½ miles from W. point of Island.	47 2 47	70 32 50	Occ. white obscured 4 seconds in every 30 seconds.	D, 7..	48	12
637	ST. THOMAS DE MONTMAGNY.	At outer end of Government Wharf.	46 59 26	70 33 15	F. white and red..	D, p..	30	6
638	GROSSE ISLE GAS BUOY.	On W. end of Margaret Island Bank in 3½ fathoms.	47 0 25	70 39 9	F. pink.....	D.Gas	10	8

QUEBEC—*Continued.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red, with words "Lower Traverse" in white on each side. Two masts, with red ball at main top mast head.	.....	1836 last refitted 1889	Steam-whistle gives blasts of 12 seconds with intervals of 48 seconds.	The ball or main mast light will be lowered, if from any cause the light-ship moves from her station.	626
Red, with words "Upper Traverse" in white letters on each side. Two masts with red ball at main mast head.	.....	1871	Bell tolled by hand.....	Should the vessel be out of place, the light on the foremast alone will be exhibited, and the ball will be taken down. The vessel lies nearly 4 miles N.W. by W. from St. Roch Church.	627
Iron pillar buoy checkered, black and white with "ChannelPatch" in white, surmounted by bell and lantern.	.....	1886	Bell rung by the action of the waves.	Light must not be depended on. From buoy Stone Pillar Light bears S.W. $\frac{3}{4}$ W. $2\frac{7}{10}$ miles.	629
Grey, circular, stone, and white buildings with red roof, near by.	52	1843	....	....	630
White, square, wood, on pier.	32	1878	....	Rock covers at half flood.....	631
Iron spherical buoy painted in black and red horizontal bands, with "Crane Island Flats" in white, surmounted by a small red lantern.	.....	1886	....	Light must not be depended on. From it Crane Island light bears S. W. by W. $\frac{1}{3}$ W. 5 miles.	633
Iron pillar buoy painted white, with "Beaujeu bank" in black, surmounted by a bell and lantern.	.....	1886	Bell rung by the action of the waves.	Light must not be depended on. From buoy Crane Island light bears S.W. by W. $\frac{1}{2}$ W. $2\frac{1}{10}$ miles.	634
White, octagonal, wood	48	1862 rebuilt 1885	.....	Light, 26 seconds; dark, 4 seconds.	636
Lantern on mast, brown shed at base	25	1883	....	Red in line of channel, white from all other points of approach. A guide to enter harbour only.	637
Yellow spherical, iron buoy, with "Quarantine" in black, surmounted by small red lantern.	.....	1887	... .	To enable vessels to call at Quarantine Station by night. From buoy S.W. extremity of Margaret Island bears N.E. $\frac{1}{2}$ E. $1\frac{1}{4}$ miles.	638

PROVINCE OF

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
641		On slope of cape above Cap Rouge.	47 6 35	70 43 3	F. white....	C....	148	15
642	Montée du Lac or Cap Brulé.	Front range light, 60 feet N. 16° W. from main light.	.....	.....	F. white..... ...	C....	128	15
643		Back range light, 330 feet N. 33° E. from front light.	.....	.....	F. white....	C....	158	15
645	St. François.....	E. end, Island of Orleans.	46 59 52	70 49 10	F. white....	C....	77	14
646			47 0 13	70 49 5	F. white.....	C....	30	10
647	Bellechasse.....	E. end of Island.....	46 56 12	70 45 53	F. white....	C....	54	12
648	Madame Island Reef Gas Buoy.	W. end of reef in 6 fathoms.	46 56 0	70 50 32	F. white.....	D.Gas	10	8
649	St. Jean.....	On the extremity of the wharf, Island of Orleans.	46 54 54	70 53 51	F. white.....	C...	30	10
650	St. Laurent.....	On the extremity of the wharf, Island of Orleans.	46 51 31	71 0 20	F. white.	D, 7..	40	11
	Orleans Channel. Montée du Lac.	See above, 641.						
652	Orleans Channel. Ste. Anne de Beaupré.	Outer end of steam-boat wharf.	47 1 11	70 55 40	F. red	D. p..	23	5
653	Orleans Channel. Ste. Famille Front Range.	On beach near stone mill, south side of channel.	46 57 50	70 58 48	F. white.....	D. p .	50	12
654	Orleans Channel. Ste. Famille Back Range.	2,671 feet, N. 70°E. from front light, on top of hill and about ¼ mile S.W. from church.	.....	.....	F. white.....	C....	245	16
655	Orleans Channel. St. Pierre Front Range.	On beach on south side of channel, on point at narrowest part.	46 55 37	71 2 37	F. white.....	C....	20	9
656	Orleans Channel. St. Pierre Back Range.	539 feet S. 59° W. from front light, in low field	.....	.....	F. white	D. p..	50	12
657	Orleans Channel. Ange Gardien Front Range.	On beach on point between Montmorency Falls and L'Ange Gardien Village.	46 53 59	71 7 24	F. white....	C....	20	9
658	Orleans Channel. Ange Gardien Back Range.	1,420 feet N. 44° E. from front light, on hill side.	.....	....	F. white	C....	33	11

QUEBEC—*Continued.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, dwelling near by.	34	1870	....	Coast light	641
Open framed tower....	24	1875	.. ..		642
Open framed tower....	34	1875	....	Range lights. Lead between Traverse Spit and Brulé Bank.	643
White, square, wood, lantern roof red.	30	1875	.....	Alignment leads through North Channel Traverse. Should be opened ½ sail's breadth to W. in passing chequered buoy, and then closed again.	645
White, square, wood, lantern roof red.	28	1875	....		646
White, square, wood..	40	1862	....	....	647
Iron spherical, buoy painted red with "Madame Island Reef" in white, surmounted by a small red lantern.	.....	1887	.....	Light must not be depended on....	648
White, square, wood..	30	1874	....	....	649
White, octagonal, wood, with brown iron lantern.	40	1869	....	The light kept open of point to westward, clears Maranda Rocks.	650
Lantern on mast, with white shed at base.	20	1888	....	Visible from all points of approach. Temporarily discontinued.	652
Mast, with white shed at base.	50	1885	....	These two in one lead through best water clear of all obstructions from intersection with St. Pierre range off Batture des Islets to intersection with L'Ange Gardien range off Pointe au Pavillon black buoy.	653
White, with red roof, square, wood.	21	1885	....		654
White, with red roof, square, wood.	23	1885	....	These two in one lead clear of all obstructions from mid-channel opposite Ste. Famille Wharf to intersection with Ste. Famille Range.	655
Mast, with white shed at base.	50	1885	....		656
White, with red roof, square, wood.	23	1885	.....	These two in one lead clear of all obstructions from intersection with Ste. Famille Range to junction of Orleans Channel with ship channel opposite W. point, Island of Orleans.	657
White, with red roof, square, wood.	21	1885	... .		658

PROVINCE OF

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
661	QUEBEC, FRONT RANGE.	N.E. corner of Princess Louise Embankment near Immigration Offices.	46 49 17	71 12 15	F. red, electric....	Arc light.	43	8
662	QUEBEC, BACK RANGE.	On Battery at foot of St. Famille St., 2,900 feet W.S.W. from front light.	....	.....	Two F. red, electric, 16 feet apart vertically.	Arc light. Incandescent.	112 96	8
671	TREMBLES SHOAL GAS AND BELL-BUOY.	In 7 fathoms off S.E. extremity of shoal.	46 41 10	71 33 20	Occ. white.....	D. gas	14	8
672	ST. ANTOINE.....	S. shore.....	46 39 40	71 36 10	F. white..... F. white.....	C.... D, 7 .	96 106	10
673	ST. CROIX GAS AND BELL-BUOY.	In 4 fathoms off W. extremity of Paget Bank or Ecureuil Shoal.	46 38 36	71 44 0	Occ. white.....	D. gas	14	8
674	ST. CROIX..	On shore, near high water mark, and ¼ mile N. of church.	46 37 45	71 44 10	F. white.....	C....	41	6
677	PORTNEUF..... ..	On N. shore, ½ mile off the river.	46 41 48	71 52 10	F. white	C. ..	120	5
678		540 feet N.E. of front light.	.....	.....	F. white.....	C.. .	200	5
679	THE PLATON.....	On S. side, 1½ miles below Richelieu Island.	46 39 13	71 53 8	F. white.....	C....	130	
680		507 feet E. by N. ½ N. from front light.	.....	.....	F. white...	C....	152	12
681	RICHELIEU.	Centre of Island.....	46 38 25	71 54 51	F. white.....	C....	27	6
682	LOTBINIÈRE	On S. shore, a mile above the church.	46 37 10	71 56 21	F. white	C....	23	8
683		2,850 feet S.W. by W. ¼ W. from front light.	.....	.....	F. white.....	C	35	10
686	LANGLAIS POINT....	On S. shore, ¾ mile below Great Chêne River.	46 35 5	71 59 35	F. white.....	C....	35	5

QUEBEC—*Continued.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Mast rising from small brown wooden tower.	40	1891	.....	Front light visible from all points of approach by water. Back light in and over a small arc on each side of line of range. In one guide vessels to the Commissioner's Wharf.	661
Lamps hung from arms on posts.	.....	1891	.....		662
Red iron buoy, with "Trembles Shoal" in white, surmounted by lantern and bell.	.....	1890 buoy 1892	Bell rung by motion of buoy	From the buoy, Pointe aux Trembles Church, bears N.W., and St. Antoine Church S. W. ½ W.	671
White, square, wood..	27	1858	.....	Since 1889 an anchor light hoisted on a pole 10 feet above permanent light to clear trees down stream.	672
Red iron buoy, with "St. Croix" in white, surmounted by lantern and bell.	.....	1890 buoy 1892	Bell rung by motion of buoy	From the buoy, Ecureuil Church bears N.E. ¼ N., and St. Croix Church S.W. by S.	673
White, square, wood..	41	1842	.....	A small light to assist in keeping in channel for some distance up and down the river.	674
White, stone, lantern on roof of dwelling.	30	1842	.....	Lead up Richelieu Channel to the light on Richelieu Island.	677
White, stone.....	26	1842	.....		678
White, with black vertical stripe facing channel, octagonal, wood.	7	1824	.....	Lead through Richelieu Rapids and across Barre à Boulard.	679
Same as front.....	24	1816	.....		680
Octagonal, stone.	35	1816	.....	This light and the lights on Platon Point are very nearly in the same bearing, viz.: N. 73° E.	681
White, with red roof, square, wood.	17	.....	.....	To enable vessels to go through Richelieu Channel.	682
White, with red roof, square, wood.	17	....	.....		683
White, square, wood..	8	1844	.....	To show off Batture des Grondines, and to avoid Batture Cordin, and as a steering point for Richelieu. N.B.—It is intended to change some of the lights between this and Point-aux-Trembles (No. 776) to suit the new 27½ foot dredged channel.	686

PROVINCE OF

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
689	Ste. Emelie.....	On top of bank on S. shore, a mile above village.	....	.....	....	.....	.....	....
690		3,000 feet S. 70° 30′ E. from front light.	.....	.....	... ...	.....	... .	....
691	Cape Charles....	On extreme of Cape....	46 33 39	72 4 30	F. white.....	C	92	6
692		80 yards S. 67° E. from front light.	..... .	.....	F. white.....	D, 7..	120	6
693	Grondines.....	On flats, N. shore, about 1½ miles above church.	46 35 25	72 5 0	F. white	C	25	5
694		In village, 1,350 yards E. N. E. from front light.	....	.....	F. white.... ...	C ...	60	5
697	St. Pierre des Becquets.	S. shore, summit of St. Pierre Point.	46 29 58	72 12 0	F. white	C	85	5
698	Batiscan	N. shore ⅞ mile below Batiscan Church, about 600 feet from shore.	46 30 35	72 15 0	F. white	C	20	4
699		2,050 feet W. by S. ¼ S. from front light.	.....	.....	F. white.....	C	42	4
702	Citrouille Point...	On pier on beach, N. shore.	46 27 12	72 16 10	F. white.....	D, 7..	40	11
703	Champlain.	300 yards above village church.	46 26 26	72 20 55	F. white	C ..	34	6
704		750 feet N. E. ½ E. from front light.	.....	.....	F. white.....	D. p..	60	6
708	Cape Madeleine, Lower Range.	230 feet from river bank on N. shore, 2½ miles below Cape Madeleine church.	46 23 46	72 27 18	F. white..... .	C	44	6
709		536 feet N. 60° 30′ E. from front light.	.....	.. ....	F. white	C	54	6
710	Cape Madeleine, Upper Range.	Near river bank on N. shore, 2 miles below Cape.	46 23 16	72 28 28	F. white...	C .. .	40	6
711		Back tower, 855 feet S. 85° W. from front.	.....	.....	F. white.....	C	55	6

QUEBEC—*Continued.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with black vertical stripe on side facing alignment.	...	...	...	Range lights, to be put in operation when required for deep channel. Towers now used as day beacons.	689
do do ..	...	.....	.....		690
White, polygonal, wood	12	1856	....	Lead between Cap à la Roche and Cape Charles. Front light also answers as a steering point through Horseback Bar.	691
Lantern on a mast....	40	1856 changed 1890	....		692
White, with red vertical stripe, square, wood.	25	1857	....	Lead to upper entrance of Cap à la Roche Channel.	693
White, with red vertical stripe, octagonal, wood.	40	1857	. ...		694
White, octagonal, wood	30	1844	....	... .	697
White, octagonal, wood	18	1844 moved 1879	....	Lead through channel dredged in Batture Ste. Anne.	698
White, octagonal, wood	36		....		699
White, square, wood, red iron lantern on middle of roof.	41	.....	....	....	702
White, square, wood..	23	1844 moved 1879	....	....	703
Temporarily on a pole.	.....	1878	.. ..	....	704
White, square, wood, polygonal, wooden lantern.	26	1843 moved 1891	.. ..	The alignment leads into the upper entrance to the channel north of Provencher Shoal.	708
White, square, wood..	36	1843 moved 1891	....		709
White, octagonal, wood	16	1843	....	To clear Provencher Shoal, leading through N. channel.	710
White, octagonal, wood	40	1843	....		711

PROVINCE OF

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
716	Port St. Francis	On a pier near wharf...	46 16 17	72 37 16	F. white....	C	14	4
717		On pier, E. by N. ¼ N., 550 feet from front light.	.....	.....	F. white.	C	31	4
720	Lake St. Peter. Point du Lac..	N. shore.....	46 16 50	72 40 22	F. white	C	71	12
721	East Lightship. (No. 3).	Off Point du Lac, 9,430 feet S. 70½° W. from lighthouse.	46 15 55	72 42 15	F. white.....	D. 7..	22	9
722	Centre Lightship. (No. 2).	Opposite and 2¼ miles S.S.E. from Rivière du Loup, at bend of channel.	46 11 35	72 53 20	F. white.....	D. 7..	22	9
723	West Lightship (No. 1).	N. side of channel, at bend where dredged channel leaves Isle aux Raisins Traverse.	46 9 37	72 56 45	F. white.....	D. 7..	22	9
726		Outer light, at lower end of low grassy islet lying off mouth of River.	46 7 45	72 56 0	F. white.....	D. p..	12	4
727	St. Francis River.	Inner light, at abrupt turn in channel, about ½ mile S. S. easterly from outer one.	.....	.....	F. red..... ..	D. p..	12	4
728		Front light on pier in marsh on N. edge of Island.	46 6 14	72 57 50	F. white.....	C	30	6
729	Isle aux Raisins.	Back light on W. edge of Island, 1,998 feet S.S.W. ¼ W. from front.	46 6 0	72 57 56	F. white.... ...	C ..	76	13
730	Stone Island or Isle à la Pierre.	On E. side of Island...	46 5 54	72 59 40	F. white.....	C	45	12
731	Isle de Grace.....	On Island.....	46 4 13	73 2 40	F. white	C	28	8
732	Sorel	On edge of Richelieu Company's Wharf.	46 2 30	73 7 18	F. red, gas.....	C	31	3
733		On corner of Wharf, 200 feet S. 3° W. from front light.	.....	.....	F. red, gas.....	C	39	3

QUEBEC—*Continued.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, octagonal, wood	18	1849	....	This range leads up through the dredged channel past Batture à Fer.	716
White, octagonal lantern, on square open frame.	21	1849	....		717
White, octagonal, wood	30	1843	....	In line with E. light-ship S 70½° W. shows centre of dredged channel from middle Traverse up to white buoy bend.	720
Hull red, with "No. 3" in white, fore and aft, white, octagonal, wooden tower, with red lantern roof amidships.	23	.....	....	Removed at the approach of winter on account of ice.	721
Hull red, with "No. 2" in white, fore and aft, white, octagonal, wooden tower, with red lantern roof amidships.	23	1816	....	Removed at the approach of winter. To indicate a bend in the channel.	722
Hull red, with "No. 1" in white letters fore and aft, white, octagonal, wooden tower, with red lantern roof amidships.	23	1828	....	Removed at the approach of winter. Defines N.E. extremity of Isle aux Raisins Traverse. 20,550 feet N. N. E. ¼ E. from Isle aux Raisins front light.	723
Lantern on a mast, standing in the water.	13	1883	....	On starboard side of channel, for convenience of vessels entering river.	726
Lantern on a mast, standing in the water.	13	1883	....	To be removed in autumn, and replaced when water becomes low in summer. Movable, to suit shifting sand banks.	727
White, octagonal, open frame, on square pier.	20	1843	....	Alignment leads through the Traverse dredged channel from deep water at upper end of lake to W. light-ship.	728
White, octagonal, wood, on square pier.	64	1863	.. ..		729
White, octagonal, wooden tower, with annex, on pier.	36	1867	....	....	730
White, octagonal, wood	25	.....	....	....	731
Brown, open frame....	29	1863 rebuilt, 1881	.. ..	Lead into Richelieu River, but show a channel only available for light draught vessels. The best channel, with least depth of 24 feet, is shown by the alignment of two diamond shaped day beacons, established 1889, on the W. side of the river, and bears S. 37° 15′ W.	732
Brown, open frame. ..	37		....		733

PROVINCE OF

RICHELIEU

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather
741	North of Halfway Point.	On W. bank of river, about 5 miles above St. John's.	45 13 20	73 14 0	F. white	C	22	9
742		N. 17° E., 813 feet from front range tower.			F. white	C	38	11
743	St. Valentine	On a pier, 125 feet outside W. shore of river, ¼ mile below Isle aux Noix.	45 8 20	73 14 10	F. white	C	8	2
744		On shore, 345 feet N.W. ½ N. from front light.			F. white	C	23	1
745	Lacolle	On crib on W. bank of river.			F. white	C	7	4
746		S. E. of front light			F. white.	C	18	6
747	Ash Island	On S. end	45 3 0	73 19 0	F. white	C	44	4
748	Bloody Island	On pier, about ¾ mile above Ash Island.	45 2 15	73 19 20	F. white	C	12	4
	Rouses Point	U. S. Lights.						

ST. LAWRENCE

	Sorel	See above, 733.						
753	Lavaltrie	Lantern on small pier on shore line, S.E. side of Island.	45 53 15	73 15 50	F. white	C	17	8
754		On small pier 960 feet S.W. ¼ S. from front light.			F. white	C	33	10
757	Contrecœur Traverse	2½ miles above Contrecœur; 2,800 feet back from shore.	45 49 48	73 17 0	F. white	C	53	11
758		4,500 feet S.W. by S. ½ S. from front light.			F. white	C	67	13
761	Isle aux Prunes	Opposite Verchères	45 47 48	73 20 25	F. white	C	40	10

QUEBEC—*Continued.*

RIVER.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No
White, irregular octagonal wooden tower, on small pier.	18	1873	.....	These lights in range up the river indicate the channel to St. Valentine.	741
White, square, wood, on posts, partly hidden by woods.	34	1873 mov'd 1885	.....		742
White, irregular octagonal, wooden lantern on small cribwork pier.	12	1873	.....	These lights range across the river S.E. $\frac{1}{5}$ S. and, in line, indicate the channel over the shoal at the foot of Isle aux Noix.	743
White, square, wood..	24	1873	.....		744
White, octagonal, wood	10	1871	.....	These lights range down the river, and, in line indicate the channel to Sturgeon Point.	745
White, octagonal, wood	22	1871	.....		746
White, square, wood, with dwelling attached.	42	rebuilt 1875	.....		747
White, octagonal, wood, on black pier.	10	1875 rebuilt 1884	.....	These two lights form a range.	748

RIVER—*Continued.*

White, with red vertical stripe on sides facing up and down stream.	13	1831	.....	Range lights leading through Flat Islands Channel.	753
White, with sides facing up and down channel red; open framed octagonal tower.	32	1831 rebuilt 1881	.....	Buildings removed in winter, and lanterns on poles used in spring, while piers are submerged.	754
White, square, wood..	13	1857	.....	To lead into Lavaltrie Channel and Isle Bouchard, and indicate the new channel. To be kept in line till Lavaltrie Lights are brought to bear.	757
White, square, wood..	41	1857	.....		758
White, octagonal, wood, on a small pier.	32	1866 rebuilt 1882	.....	To clear the island. Lantern on pole used in spring while pier submerged.	761

PROVINCE OF

ST. LAWRENCE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
764	RÉPENTIGNY	¾ mile below Répentigny village.	.. ....	.....	F. white..... ..	C	14	4
765		510 feet N. 22° E. from front one.	45 45 2	73 26 17	F. white.....	C	30	4
766	ISLE À LA BAGUE....	On a pier on the Islet..	45 44 14	73 26 15	F. white....	C	24	4
769	ISLE STE. THÉRÈSE, LOWER RANGE.	Front light, near shore on N.E. side of Island.	45 41 22	73 27 43	F. white	C	22	10
770		Back range, 600 feet S. 50° W. from front.	.....	.....	F. white	C	48	12
771	ISLE STE. THÉRÈSE, UPPER RANGE.	On cribwork block, below river bank, on S. shore of island.	45 40 37	73 27 40	F. white.....	C	57	6
772		About 5,000 feet S. W. ¾ S. from back light, on Ile aux Vaches.	.....	.....	F. white	C	29	6
775	POINTE AUX TREMBLES.	Front range tower in village, close to shore.	45 38 24	73 29 25	F. white.... ...	C ...	25	4
776		Back range tower 1,800 feet S., 40° W. from front.	....	.....	F. white	C	53	4

Head of ocean navigation.

QUEBEC—*Continued.*

RIVER—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, wooden.....	14	1843	....	To lead through Isle à la Bague Channel, and to avoid Pouillier on N. and shoal on S.	764
White, wooden.....	26	1843	.....		765
White, octagonal, wood	18	1831	....	To indicate the Islet, which is extremely low. Removed in winter on account of ice. Lantern on pole used in spring while pier submerged.	766
White, wooden lantern with red roof; on open post foundation.	16	1855	.....	The lights in range S. 50° W. lead from near Cap St. Michel through centre of dredged channel.	769
White, with red roof, square, wood.	42	1855 rebuilt 1889	....	Visible over a small arc on each side of the alignment.	770
Upper face red with white vertical stripe, remainder white, square, wood, on pier.	42	1879 mov'd 1884	.....	In range lead through dredged channel off Pointe aux Trembles.	771
White, with red vertical stripe on upper face, hexagonal, wood, on pier.	23	1879 mov'd 1884	.....		772
White, with red stripe, octagonal wood.	23	1846	....	To lead through the channel between Pointe aux Trembles and Varennes up to Long Point.	775
White with red vertical stripe, octagonal with square base, wood.	56	1846	....	N.B.—It is intended ultimately to change some of the lights between this and St Emelie (No. 689) to suit the new 27½-foot dredged channel.	776

PROVINCE OF

LAKE MEM

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
778	WITCH SHOAL.....	About ½ mile S.W. from Magog Railway Wharf.	.....	.....	F. white...	D, p..	19	9
779	BLACK POINT	On W. side of Lake, 3 miles S.W. from Witch Shoal.	.....	.....	F. white	C .. .	24	8
780	WADLEIGHS POINT..	On W. side of Lake, 4 miles S.W. ½ S. from Black Point.	.....	.....	F. white	C	30	8
781	GEORGEVILLE	At Wharf, E. side of Lake, 3 miles S.E. by S. from Wadleigh's Point.	.....	.....	F. white.....	C	20	8
782	MOLSONS ISLAND ...	S.W. point of Island, E. side of Lake, about 7 miles southwardly from Wadleigh's.	.....	.....	F. white.....	C	28	8
783	LEAD MINES.....	West side of Lake, 4 miles S. by W. from Molson's Island.	.....	.....	F. white	C	20	8
	MAXFIELD POINT....	U.S. Light.						
	WHIPPLE POINT.....	U.S. Light.						
	NEWPORT WHARF...	U.S. Light.						

QUEBEC—*Continued.*

PHREMAGOG.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, on pier rising out of the water.	21	1878 building 1881	.....	Visible from all points of approach, except from the westward.	778
White, square, wood..	22	1878	.....	.....	779
White, square, wood..	22	1878	.....	.....	780
White, square, wood..	22	..	.....	.....	781
White, square, wood..	22	1878	.....	.....	782
White, square, wood..	22	1878	.....	.....	783

PORTIONS OF QUEBEC UNDER THE

RIVER ST. LAWRENCE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
786	LAKE ST. LOUIS. LACHINE	On end of pier at entrance to canal.	45 26 10	73 40 40	F. white	C	23	6
787		On crib between old and new canals.	... ...	...	F. red	D. p.	...	...
788		On upper end of railway wharf.	...	...	F. red	D. p.	...	...
789	LIGHT-SHIP No. 1	⅓ mile above Lachine	45 25 50	73 42 00	F. red	D, 7.	18	6
790	LIGHT-SHIP No. 2	2¾ miles above Lachine.	45 24 58	73 44 00	F. white	D, 7.	20	6
791	CHATEAUGUAY LIGHT-SHIP.	Light-ship No. 3, 4½ miles above Lachine.	45 23 45	73 45 15	F. white	D, 7.	26	6
792	BEAUHARNOIS.	S. side of lower entrance to canal.	45 19 2	73 54 17	F. white	C	40	10
793		1242 feet W. S. W. ¼ S. from front light.	...	...	F. white	C	50	10
	KNIGHT POINT	See No. 838 below.						

RIVER

	LIGHT-SHIP No. 1	See No. 789 above.						
794	DORVAL	On a pier N. of channel, between Point Claire Light and Light-ship No. 1.	45 26 10	73 45 9	F. white	D, 7.	37	11
795	POINT CLAIRE	On a pier N. of channel, about 1 mile S. E. of village.	45 25 17	73 48 8	F. white	D, p.	...	...
796	CARON POINT	Two miles below St. Anne Lock, N. side of river.	45 24 8	73 54 41	F. white	C	28	10
798	ISLE PERROT	On small pier on shore line, S. side of channel below St. Anne.	45 23 35	73 54 37	F. white with a red and a green sector	D. p.	16	9
800	STE. ANNE DE BELLEVUE.	On pier at S. E. end of dredged channel crib.	45 23 33	73 55 45	F. white	C	24	10
801		On N. W. end of channel cribwork, about ¾ mile below the lock.	45 23 45	73 56 2	F. white	C	24	10

CONTROL OF THE ONTARIO DIVISION.

ABOVE MONTREAL.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	17	1849	.....	.....	786
Lantern on a mast....	.....	1889	.....	.....	787
Lantern on a mast....	.....	1889	.....	.....	788
Red hull, with white, circular iron tower, lantern roof black.	.....	1849	.....	.....	789
Red hull, with circular iron tower, lantern roof red.	.....	.....	.....	.....	790
Red hull, with white, circular iron tower, lantern roof red.	...	1849	.....	.....	791
White, square, wood..	27	1850	.....	In one lead to Chateauguay Light-ship.	792
White, square, wood..	27	1850	.....		793

OTTAWA.

White, square, wood, with dwelling attached. Iron lantern, red.	31	1874 rebuilt 1887	.....	.....	794
Lantern on a mast....	.....	1860 rebuilt 1887	.....	Tower destroyed by fire. Temporary light shown till new building is erected.	795
White, square, wood..	29	1874 rebuilt 1878	.....	.....	796
White enclosed tower with red roof, on open framework base.	18	1878 rebuilt 1895	.....	Red sector shows down river, green up, and white shows line of crossing. The latter is narrow and turns should be made promptly.	798
White, square, wood..	24	1878	.....		800
White, square, wood..	24	1878	.....	These lights guide through the dredged channel below Ste. Anne Lock.	801

ONTARIO

RIVER

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
804	POINT À CADIEUX...	Lake of Two Mountains	45 25 35	74 0 44	F. white.....	C	30	8
806	POINT AUX ANGLAIS.	On pier, about 400 yards off the point.	45 29 0	74 8 10	F. white.....	D, 7..	26	10
807	STE. PLACIDE.....	N. side of river, near wharf.	45 31 0	74 9 25	F. white.....	C	25	6
808		800 feet N.E. by E. ¼ E. from front light.	.....	.....	F. white.....	C	62	6
811	L'ORIGNAL.....	On point.....	45 38 30	74 40 40	F. white.....	C	45	6
812	MCTAVISH POINT...	On pier, on extremity of point.	45 39 15	74 48 0	F. white.....	D, p..	30	10
813	WAY SHOAL.....	On low shore, N. side of river.	45 32 0	75 28 45	F. white....	C	30	8
814	GREEN SHOAL	On pier, S. side of channel, opposite East Templeton, 7 miles below Ottawa City.	45 29 0	75 35 0	F. white...	C	36	8
816	LAKE DES CHÊNES. BRITANNIA.....	S. side of lake at its lower end.	45 21 20	75 48 0	F. white.....	C	.....	8
817	AYLMER ISLAND.	1⅝ mile W. of Aylmer Village, Ottawa Co., P.Q.	45 23 45	75 53 0	F. white.....	D, p..	47	12
818	BASKINS WHARF.	At inner end of wharf, Carleton Co., about 12 miles above Aylmer	45 27 40	76 0 30	F. white.....	D, p..	26	10
819		About ⅓ mile easterly from front light.	.....	.....	F. white.....	D, p..	39	11
820	BUCKOMS POINT.	On crib off Point, Carleton Co., about 16 miles above Aylmer.	45 30 20	76 6 50	F. white.....	D, p..	31	10
822	CHATS LAKE. MORRIS OR VICTORIA ISLAND.	At the head of the Chats Rapids.	45 28 15	76 13 35	F. white	C	29	8
823	ARNPRIOR ISLAND.	On an islet opposite the Town of Arnprior.	45 27 10	76 17 35	F. white.....	D, p..	30	10
824	CAMPBELL ISLAND.	12 miles above Victoria Island, and 3½ above Sand Point.	45 30 0	76 25 45	F. white	C	29	8
825	COULONGE LAKE....	On point on N. side, ½ mile above old Fort Coulonge.	45 52 10	76 47 0	F. white	D, p..	30	10

DIVISION—*Continued.*

OTTAWA—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with dwelling attached.	32	1875			804
White, square, wood, with lantern roof red.	27	1873			806
White, square, wood..	20	1874		Range lights, showing up stream.	807
White, square, wood..	38	1874			808
White, open framed, square, wooden tower	30	1871			811
Mast, with day beacon affixed, and shed at base, all white.	29	1871 changed. 1886			812
Sides alternately red and white, hexagonal, wood.	25	1870			813
White, square, wood..	17	1860			814
White, square, wood..		1872			816
Lantern on mast, with brown shed at base.	20	1883			817
Lantern on mast, with white shed at base.	20	1883		These two lights, in range, lead through the deepest channel over Constance Shoal.	818
Lantern on mast, with white shed at base.	25	1883			819
White, square, wood..	25	1883 moved 1889		To indicate the low point, and the shoals off it.	820
White, square, wood, with red lantern.	29	1873			822
Mast, with white shed at base, on square pier.	20	1885			823
White, square, wood..	29	1873		Visible up and down the lake.	824
Mast, with white shed at base.	20	1885			825

ONTARIO

RIVER

No.	Light.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
826	LOWER ALLUMETTE LAKE.	On head of Spence's Island, opposite Lot 18, E. Range of Allumette Island.	45 48 15	76 54 0	F. white.....	D, p..	24	9
827	MORRISONS OR HAWLEYS ISLAND.	About 3 miles below Pembroke.	45 48 0	77 3 25	F. white	D, p..	32	10
829	LOWER NARROWS....	On pier, N. side of channel.	45 50 0	77 10 0	F. white.....	D, p..	.....	....
830	FORT WILLIAM.. ...	On outer end of wharf.	45 54 45	77 15 45	F. white.....	D, p..	.....	....
831	DEEP RIVER ISLET..	At mouth of Deep River	45 59 0	77 16 30	F. white.....	C	....	8
832	MCQUESTIONS POINT	On S. shore of Deep River, Renfrew, N.R., about 22 miles above Pembroke.	46 1 45	77 22 30	F. white.....	D, p..	26	9
835	SCHOONER ISLAND...	In Lake Temiscamingue, 5 miles above Long Sault and 2½ miles below Opemican Narrows.	46 44 0	79 6 25	F. white.....	D, p..	30	....
836	SOUCIER ISLAND.....	About 2 miles above Opemican Narrows.	46 46 55	79 10 50	F. white.....	D, p..	30	....

RIVER ST.

		BEAUHARNOIS.....	See No. 792 above.					
838	LAKE ST. FRANCIS.	1st range light, S. side of channel, about 1½ miles from guardlock, at upper entrance to Beauharnois Canal.	45 14 47	74 8 50	F. white	C	13	3
839		KNIGHT POINT	2nd range light, on mainland, 93 yards S.W. of 1st range.	.....	.....	F. white.....	C	19	3
840			3rd range light, S. side of channel. 396 yards N.W. of 2nd light.	.....	.....	F. white.....	C .. .	12	3
841		GROSSE POINT OR VALLEYFIELD.	Main light, N. side of channel, on a pier 304 yards W. of 3rd light.	45 14 48	74 9 22	F. white..	C	38	11
842		COTEAU LANDING	On Government Pier...	45 14 40	74 13 15	F. red	C ...	29	10

DIVISION—*Continued.*

OTTAWA—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No
Mast, with white shed at base.	20	1885	.....	.....	826
Lantern on mast, with brown shed at base.	22	1883	.....	To show the entrance to the Allumette Rapids boom.	827
Lantern on mast, with white shed at base.	.....	1887	.....	.....	829
Lantern on mast.....	.....	1887	.....	.....	830
White, square, wood..	29	1873	.....	Visible up and down stream.....	831
Lantern on mast, with brown shed at base.	22	1883	.....	.....	832
Lantern on mast, with white shed at base on cribwork pier.	19	1890	.....	Visible as far as configuration of lake allows. To be left on starboard hand in going up.	835
Lantern on mast, with white shed at base on cribwork pier.	19	1890	.....		836

LAWRENCE.

White, square, wood, on pier.	12	1848	.....	When these two lights are brought in one, after leaving the canal, they are to be steered for until the two on the north side of the channel are brought into one.	838
Red, square, wood, on a pier.	18	1850	.....		839
White, square, wood, on pier.	12	1850	.....	These two lights passed close to and kept in line lead into deep water in Lake St. Francis.	840
White, square, wood..	30	1848 rebuilt 1882	.....		841
White, square, wood..	28	1848 tower erec'd 1877	.....	Visible from E.N.E. ½ E. by southward to W. ½ N.	842

PROVINCE

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
843	LAKE ST. FRANCIS. McKIES POINT..	On N. shore.....	45 11 20	74 19 10	F. white..... ...	C	36	10
844	ST. ANICET.....	On bar on S. side of channel, 5,700 feet N. ½ E. from church.	45 9 43	74 20 50	F. white.....	C	31	10
845	CHERRY ISLAND.	S. side of channel.....	45 7 55	74 22 35	F. white.....	D, 7..	40	11
846	LANCASTER BAR.	On a pier in the lake, S. side of channel, 3 miles below Lancaster village.	45 7 5	74 25 45	F. white..... ...	C	.....	8
847	LANCASTER.....	On a pier N. side of channel, 1½ miles S. W. from Lancaster village.	45 5 20	74 30 10	F. white.....	D, 7..	33	10
849	HAMILTON ISLAND.	Most south-easterly point.	45 3 4	74 32 30	F. white.....	C	42	10
850	GLENGARRY OR STONEHOUSE POINT	North shore of river...	45 2 10	74 36 57	F. white.....	C	42	10
852	DICKINSONS LANDING.	S. side of west entrance to Cornwall Canal.	45 59 32	74 54 33	F. white	D, p..	21	3
854	WIND-MILL POINT...	About 1½ miles below Prescott.	44 43 15	75 29 18	F. white.....	C	92	15
856	COLE SHOAL.....	On pier, 5 miles W. of Brockville, ¾ mile from N. shore.	45 32 0	75 45 21	F. white.....	C	33	6
857	GRENADIER ISLAND..	S.W. point of Island, N. side of channel, 2 miles below Rockport	44 23 0	75 54 25	F. white.....	C	55	10
859	LINDOE ISLAND.....	N.W. point of Island, S. side of channel, 5 miles W. of Rockport	44 21 2	76 0 20	F. white.....	C	40	7
860	GANANOQUE NARROWS.	N.E. end of Little Stave Island, S. side of channel, 5 miles below Gananoque.	44 19 32	76 4 58	F. white.....	C ...	44	7
861	JACKSTRAW SHOAL..	N. side of channel, 2 miles below Gananoque.	44 19 28	76 7 15	F. white...	C	34	10
862	SPECTACLE SHOAL...	N. side of channel, ¼ mile W. of Gananoque.	44 18 40	76 11 9	F. white.....	C	28	

OF ONTARIO.

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	30	1847 rebuilt 1877		Midway between Coteau Landing and Cherry Island.	843
White, square, wood, red iron lantern, brown steel pier.	31	1891		Replaces Port Lewis light	844
White, hexagonal, wood, with lantern roof red.	41	1847 rebuilt 1883		There is 17 ft. water in the channel 100 ft. N. of light.	845
White, square, wood..		1879			846
White, hexagonal, wood, lantern red.	30	1844 rebuilt 1886			847
White, square, wood..	36	1873			849
White, square, wood, with dwelling attached.	36	1873			850
White, square, wood..	22	1865 rebuilt 1891		Leads into the canal from the river, and also shows down the canal.	852
White, circular, stone..	62	1873			854
White, square, wood..	31	1856			856
White, square, wood..	37	1856			857
White, square, wood..	26	1856			859
White, square, wood..	37	1856			860
White, square, wood, on a pier in river.	29	1856		A small pier, surmounted by a red drum on a mast, 700 feet S.E. ½ E. from the light, marks the S. edge of the channel.	861
White, square, wood, on a pier in river.	26	1856			862

PROVINCE

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
863	RED HORSE ROCK...	S.E. side of channel, 1 mile above Spectacle Shoal.	44 18 8	76 11 32	F. white.....	C	28	9
864	BURNT ISLAND	S.E. part of Island, N. side of channel, ½ mile above Red Horse Rock.	44 17 45	76 11 35	F. white	C	64	10
866	WOLFE ISLAND.....	On Quebec or E. point.	44 14 17	76 11 10	F. white.....	C	.....	6
867	BROWNS OR KNAPPS POINT.	Wolfe Island....	44 13 57	76 24 3	F. white....	C	28	10

LAKE

869	BARRIEFIELD COMMON.	370 ft. E. from end of bridge to Kingston.	44 14 4	76 28 24	F. white.....	C ...	48	12
870		1500 ft. N.E. N'ly from front light.	.....	.....	F. white.... . ..	C	75	12
871	KINGSTON	City Hall Clock.....	44 13 50	76 28 53	F. white..... .	Gas ..	.....	9
872	SNAKE ISLAND.....	On pier on bar N. side of channel, 5 miles W. of Kingston.	44 11 20	76 32 20	F. red.....	C ...	35	6
875	NINE MILE OR GAGE POINT.	S.W. Point, Simcoe Island, 9 miles W. of Kingston.	44 9 12	76 33 30	F. white.....	C ...	45	12
876	PIGEON ISLAND.. ...	4 miles from head of Wolfe Island.	44 3 50	76 33 10	Rev. white, 1 min. and 10 sec.	C	67	12
877	OUTER DRAKE OR FALSE DUCKS.	E. point of Island.	43 56 5	76 48 2	F. white.....	D, 3..	68	13
878	SOUTH BAY POINT...	On Point Traverse	43 56 10	76 51 50	F. red..	C	36	10
	BAY OF QUINTÉ AND MURRAY CANAL CHANNEL. SNAKE ISLAND.	See above No. 872.						
880	BAY OF QUINTÉ AND MURRAY CANAL CHANNEL. CENTRE BROTHER ISLAND	On northernmost point.	44 12 22	76 37 7	F. white.....	D, 7..	31	10
882	BAY OF QUINTÉ AND MURRAY CANAL CHANNEL. POINT PLEASANT OR INDIAN POINT.	Entrance to Bay of Quinté.	44 6 25	76 50 5	F. white....	C	52	10
884	BAY OF QUINTÉ AND MURRAY CANAL CHANNEL. DESERONTO...	On the railway wharf..	44 11 10	77 2 10	F. white...	D, 7..	44	11
885	BAY OF QUINTÉ AND MURRAY CANAL CHANNEL. TELEGRAPH ISLAND.	Bay of Quinté	44 0 45	77 6 0	F. white.....	C	46	12
887	BAY OF QUINTÉ AND MURRAY CANAL CHANNEL. BELLEVILLE..	On S.E. edge of shoal at entrance of harbour, 450 feet W. from end of Railway Wharf.	44 9 0	77 22 40	F. white.....	D, 7..	38	11

OF ONTARIO—*Continued.*

LAWRENCE—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, on a pier at head of Buck's Island.	26	1856			863
White, square, wood..	26	1856			864
White, square, wood..		1861			866
White, square, wood..	20	1874			867

ONTARIO.

Red, iron tripod, with white oval beacon at its top and brown shed at base.	50	1892		Headlight lanterns hoisted on the tripods show over a small arc on each side of alignment, which leads inside of Carruthers and Point Frederick Shoals.	869
Red, iron tripod, with white oval beacon at its top and brown shed at base.	80	1892			870
Wooden tower on stone building.	96				871
Square, stone, dwelling attached.	35	1858			872
White, circular, stone.	40	1833	Bell sounds four times each minute.	At opening of navigation 1894, bell will be replaced by a steam fog-horn, giving blasts of 8 seconds, with intervals of 22 seconds.	875
White	41	1871	Hand-horn answers signals from vessels.		876
White	62	1828	Hand-horn answers signals from vessels.		877
White, square, wood, with dwelling attached.	36	1881			878
White, square, wood, kitchen attached, iron lantern, red.	31	1890			880
White, octagonal, wood with iron lantern, red.	52	1866			882
Square tower on roof of freight shed.	46	1885		Lit by gas. Guides to Deseronto from Belleville, Picton and Napanee.	884
White, square tower on dwelling.	41	1870			885
White, square, wood, on octagonal pier.	36	1881			887

PROVINCE OF

LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
888	BAY OF QUINTÉ BRIDGE.	Immediately W. of Belleville.	44 8 30	77 22 35	F. white S. of southern opening; F. white N. of northern opening; red light at each end of draw span when bridge closed; 2 green lights at ends of draw span when open.	.....	18	3
890	NIGGER ISLAND SHOAL.	In 11 feet of water on N. side of Steamboat Channel.	44 6 57	77 28 31	F. white.....	D, 7..	27	10
892	BAY OF QUINTÉ AND MURRAY CANAL CHANNEL.	30 feet from end of N. pier at E. entrance.	44 3 30	77 34 30	F. red.....	D, p..	19	4
893		Over centre of swing pier Carrying Place highway bridge, 4,725 feet from No. 892.	.....	.....	F. red and white..	D, p..	35	
894		Over centre of swing pier of Central Ontario Railway bridge, 1,500 feet W. from Carrying Place bridge	.....	.....	F. red and white..	D, p..	20	4
895	MURRAY CANAL.	Over centre pier of Smithfield bridge, 6,600 feet W. from Railway bridge.	.....	.....	F. red and white..	D, p..	35	
896		Over centre of swing pier of Lovatt's bridge, 7,700 feet W. from Smithfield bridge and 6,490 feet from W. entrance to canal.	.....	.....	F. red and white..	D, p..	35	6
897		30 feet from end of N. pier at W. entrance.	44 1 50	77 40 30	F. red.....	D, p..	14	4

ONTARIO—*Continued.*

ONTARIO—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Open truss bridge.....	.....	1891	.....	Centre pier of swing span is 195 feet from S. or Prince Edward Co. shore. A channel 100 feet wide both N. and S. of swing pier. When draw is open vessel will see 2 green lights flanked by 2 white lights and must pass between a green and white light. Maintained by Bridge Co.	888
White, square, wood, on pier.	27	1894	.....	Vessels upon leaving the swing of Belleville bridge, bound up, steer W. by S. ⅝ S. directly for the light and pass it leaving it about 300 feet on the starboard hand. Vessels, bound down, after passing the red buoy off Onderdonk Shoal, also steer N.E. ⅝ E. directly for the light. When within 4,000 feet of it they open it half a point on the starboard bow so as to clear the north extreme of the shoal extending from Potters Island. At 2,000 feet distant they change their course so as to pass it, leaving it 300 feet to the northward, or on the port hand, and after passing the most easterly black buoy on Potters Island Shoal shape their course directly for the swing of Belleville bridge.	890
Brown, square, pyramidal, open frame.	12	1891	.....		892
Open truss bridge.....	.....	1891	.....		893
Open truss bridge. ...	.....	1891	.....	By day the centres of the swings of the bridges, by night the lights on the same (white if swings are open, red if closed), in one will indicate the middle of the canal and the dredged channel. Each bridge is passed to the south of the swing, which is somewhat to the northward of the axis.	894
Open truss bridge.....	.....	1891	.....		895
Open truss bridge.....	.....	1891	.....		896
Brown, square, pyramidal, open frame.	12	1891	.....	....	897

PROVINCE OF

LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
898	Brighton Ranges.	No. 3.—7,200 feet from end of canal piers and 3,920 ft. from Brighton wharf, Presqu'Isle Bay.	.....	.....	F white.....	C	29	3
899	Brighton Ranges.	No. 2.—5,360 feet W. by S. ⅜ S. from No. 3, and 1,440 ft. from Brighton wharf.	.....	.....	F. white.....	C	45	6
900	Brighton Ranges.	No. 1.—1,420 feet S. E. by E. ½ E. from No. 2, and 1,100 feet from Brighton wharf.	.....	.....	F. white.....	C	28	6
901	Salt Point.....	On extremity of sand spit.	44 0 20	77 46 0	F. white.....	C	22	4
	Presqu'Isle ...	See No. 908 below.						
	South Bay Point..	See No. 878 above.						
903	Point Peter... ...	On Point.....	43 50 50	77 8 0	Rev. white 35 seconds.	C	62	13
904	Salmon or Wicked Point.	On extremity.....	43 51 50	77 13 50	F. red.....	C	40	8
905	Scotch Bonnet or Egg Island.	On small island, 1 mile S.W. of Nicholson's Island.	43 54 0	77 32 25	F. white.....	C	51	12
906	Wellers Bay....	At S.W. end of Quinté Carrying Place.	44 2 10	77 35 20	F. white.....	C	26	10
907	Wellers Bay....	508 feet N.E. ¾ E. from front light.	.....	.....	F. red.....	C	37	7
908	Presqu'Isle.....	E. point of Peninsula..	43 59 30	77 45 30	F. white.....	D, 7..	67	13
	For Murray Canal lights going east read upwards from No. 901.							
910	Cobourg..... ..	On east pier...	43 57 10	78 8 35	F. white.....	Gas ..	20	8
911	Cobourg..... ..	On east pier head, S. by W. ½ W. 409 ft. outside of corporation light.	.....	.....	F. white.....	D, p..	.....	....
912	Cobourg..... ..	On west pier, at elbow, 190 ft. from extremity.	43 57 8	78 8 50	F. red	D, p..	26	6
913	Peter Rock or Gull Island.	W. by S., 4 miles from Cobourg.	43 56 10	78 12 10	F. white.....	C	45	10
914	Port Hope.....	110 ft. from extremity of E. breakwater.	43 56 20	78 14 30	F. white.....	... .	40	4

ONTARIO—*Continued.*

ONTARIO—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood on octagonal pier.	30	1891	.....	No. 3 tower stands in 15 feet water in the axis of the Murray Canal and on the N. side of the channel which bears S. W. by W. ¾ W. In one with No. 2 light leads up from the canal through the centre of the channel, and is to be left 100 feet on the starboard hand in passing up. After being passed, if brought directly astern with No. 1 directly ahead, it will guide through the remainder of the dredged channel.	898
White, square, wood on square pier.	47	1891	.....		899
White, square, wood on square pier.	30	1891	.....		900
White, square, wood..	27	1851	.....	Good water close up to point.....	901
White, circular, stone. Fog-alarm building, white, with brown roof, wooden.....	60	1833 Fog-alarm 1890	Steam-horn gives blasts of 9 seconds with intervals of 28 seconds.	Fog-horn close in front of tower, 16 feet above water.	903
White, square, wood, with dwelling attached.	30	1871	.....	.....	904
White, circular, stone dwelling attached.	54	1856	.....	.....	905
White, square, open framework, wood.	27	1876	.....	Alignment leads clear of extremity of spit off Bald Head and gives best water (10 feet) over Wellers Bar, 3,300 feet outside the spit. Vessels entering keep the alignment N.E. ¾ E., until the spit is passed at a distance of 150 feet.	906
White, square, wood..	37	1876	.....		907
White, octagonal, stone	63	1840	.....	.....	908
White, square, wood..	16	1844	.....	Maintained by Town Corporation..	910
Lantern on a mast....	19	1886	.....	.....	911
Lantern on a mast....	20	1883 mov'd 1887	.....	Visible from all points seaward ...	912
Octagonal, stone.....	48	1840	.....	On a rock off the point.	913
White, square, wood..	44	1868	.....	Not under Marine Department.....	914

PROVINCE OF

LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
916	NEWCASTLE.....	On outer end of E. breakwater pier.	43 53 35	78 34 0	F. white.....	D, 7..	29	10
917	DARLINGTON.....	Pier head.....	43 52 40	78 38 0	F. white.....	....	.....	4
918	OSHAWA	Pier head.....	43 52 0	78 47 0	F. white.....	.....	.....	....
919	WHITBY.....	W. pier.....	43 50 45	78 56 0	F. white.....	.....	12	5
920	FRENCHMANS BAY OR PICKERING.	E. pier head.....	43 48 55	79 1 55	F. green	C	51	10
921	EAST GAP	100 feet from outer end of East pier.	43 37 48	79 20 20	F. red	D, 7..	16	6
923	GIBRALTAR POINT...	S.W. side of Point, 1¾ mile S. of Toronto.	43 37 0	79 22 55	Rev. white, 45 seconds.	C	66	18
924	TORONTO.....	Front range 37 ft. from W. end of Queen's Wharf.	43 37 55	79 24 45	F. white.....	D, p..	23	9
925		Back range on extension shoreward of Wharf, 200 ft. N.E. by N. ½ N. from front one.	.....	.....	F. red.....	D, p..	37	
926	PORT CREDIT.....	At outer end of N. breakwater pier.	43 33 40	79 35 0	F. white.....	D, 7..	37	11
927	OAKVILLE.....	Near inner end of main pier.	43 26 40	79 40 12	F. white.....	D, 7..	39	11
928	BURLINGTON BAY..	Main light near middle of S. pier at entrance, 1,570 feet S.W. by W½ W. from front light.	43 18 20	79 48 25	F. white.....	C	75	15
929		Front range light near outer end of S. pier	.....	.....	F. white.....	C ..	30	4
931		On east pier, 324 feet from outer end.	43 12 20	79 15 50	Rev. white, every minute.	C	55	12
932	PORT DALHOUSIE..	Near outer end of east pier, and 298 feet N ¼ E. from main light.	.....	.....	F. white	C	42	11

ONTARIO—*Continued.*

ONTARIO—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, wooden, tower surmounted by iron lantern rising from roof of store house.	28	1847 improv'd 1890		Maintained by the Newcastle Harbour Co.	916
On a stone house	.....	.....	.....	Not under Marine Department....	917
.....	.....	1863	.....	Not under Marine Department....	918
Square, wood.....	8	1844	.....	Not under Marine Department....	919
White, octagonal, wood	47	1863	.....	Repaired, 1880.....	920
Gray iron column on hexagonal shed.	11	1895	.....	.....	921
White, hexagonal, stone. Keeper's dwelling near. Fog-whistle building of wood, white, with brown roof.	62	1820 Fog-horn 1886	Steam-horn sounds blasts of 7 seconds with intervals of 90 seconds.	Fog-horn, 1,150 feet S.W. by S. from the lighthouse.	923
White, hexagonal, wood	23	1856	Bell rung by hand.....	Visible over an arc of 180°. Maintained by Toronto Harbour Commissioners. Fog-bell attached to tower.	924
Red, octagonal, wood..	35	1838	.....	Visible over an arc of 180°. Maintained by Toronto Harbour Commissioners. The two lights in range lead clear of the point of bar running S. of and parallel to wharf. Channel about 300 feet wide with 13 feet water.	925
White, square, wood..	36	1863 building 1882	.....	Visible from all points of approach.	926
White with iron lantern red, hexagonal, wood.	31	1863 rebuilt 1888	.....	Vessels must allow for position of light and exercise caution in clearing end of pier.	927
Gray, circular, stone building, iron lantern red.	79	1838	Hand-horn answers signals from vessels.	.....	928
White, wood.....	30	1845	.....	.....	929
White, circular, wood, on brown cylindrical pier.	52	1852	.....	Shows from E. to W. by S..... Entrance to Welland Canal from Lake Ontario.	931
White, square, wood..	38	1879	.....	One lamp shows N. ½ E., one N.W., and one S.W. or up the harbour. N.B.—There are ranges for ascertaining compass errors at this port. Particulars can be obtained at Canal Office.	932

PROVINCE OF

LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
933	NIAGARA BELL-BUOY	In 20 feet off W. side of mouth of R.	43 17 40	79 5 30	.....	.....	.....	.....

LAKE

935	FOX ISLAND.....	. . ..	44 18 0	79 27 15	F. white	C	46	12

MUSKOKA

937	GRAVENHURST NARROWS.	On S.E. point of Denison's Island, Lake Muskoka.	44 58 20	79 22 25	F. white.....	D, p..	28	10
939	ROSSEAU	On Ditchburn's Shoal near head of Lake Rosseau, about a mile southerly from wharf.	45 13 35	79 35 45	F. white.....	D, p..	28	8

LAKE

941	PORT COLBORNE...	Lake Erie entrance to Welland Canal, W. pier head.	42 52 27	79 15 5	F. white.....	C....	70	14
942		E. side of entrance, on crib, 2,030 feet N. by E. ½ E. from main light.	.....	.....	F. red.....	C	35	8
943	MOHAWK ISLAND....	Between Port Colborne and Port Maitland, 1 mile S.W. of mainland.	42 50 0	79 31 23	Gp. rev. white, 3 flashes at intervals of 30 sec. followed by eclipse 75 secs., complete revolution 2¼ minutes.	C	64	10
944	PORT MAITLAND . .	W. pier.....	42 51 10	79 34 30	F. white.....	C . ..	51	10

ONTARIO—*Continued.*

ONTARIO—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red iron buoy surmounted by open frame holding bell.	....	....	Bell rung by motion of waves.	From buoy American lighthouse bears S.E. by S. $\frac{1}{2}$ S. $3\frac{3}{10}$ miles; Fort Mississauga S. by E.; Four Mile Point S.W. $\frac{1}{4}$ S. A course of $2\frac{3}{4}$ miles S.S.E. $\frac{1}{8}$ E. will lead to wharf at Niagara-on-the-Lake Vessels entering can run close to buoy leaving it on starboard hand.	933
SIMCOE.					
Brown, square, wood..	39	1870	....	....	935
LAKES.					
Lantern on a mast with brown shed at base.	25	1884	....	... .	937
White, square, wood, iron lantern red, standing on a crib-work pier.	26	1890	.. . .	Visible from all points of approach.	939
ERIE.					
White, octagonal, wood, iron lantern red, tower stands on a brown cylindrical base.	60	1852 rebuilt 1890	Horn sounds blasts of 11 seconds every $1\frac{1}{2}$ minutes.	The alignment gives deepest water entering canal, clear of Sugar Loaf Reef. Main light must be passed onport, back one on starboard side. Main light visible from all points seaward; back one in line of range and into harbour.	941
White, square, wood, on pier 12 feet high.	27	1878 mov 1887	....	A vertically striped red and white beacon surmounted by a globe, stands on outermost crib of east pier.	942
White, circular, stone..	60	1848	Hand-horn answers signals from vessels.	....	943
White, open frame, wood.	41	1846 rebuilt 1875	....	Grand River entrance.	944

PROVINCE OF

LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
946	PORT DOVER.....	110 feet from outer end of W. pier.	42 46 54	80 12 0	F. white.....	C	20	8
947	LONG POINT OR NORTH FORELAND.	E. extremity.....	42 33 0	80 3 20	Rev. white 1 min..	C	65	13
948	WEST END OF LONG POINT.	E. side of new channel.	42 35 30	80 23 45	Rev. red 1 minute.	C	52	12
950	PORT BURWELL OR BIG OTTER CREEK.	333 yards in shore.....	42 39 00	80 50 00	F. white	C	96	15
951	PORT BRUCE OR CATFISH CREEK.	.....	42 40 0	81 1 0	F. white.....	C ...	.....	....
952	PORT STANLEY.....	W. pier head.....	42 39 55	81 12 40	F. white	C	42	11
953	RONDEAU HARBOUR	On a cribwork block on outer end of the E. breakwater pier.	.....	.....	F. white.....	C	34	11
954		780 feet N. by E. ½ E. from front light.	42 16 0	81 56 0	Alt. red and white 1½ minutes.	C	70	14
955	PELEE SPIT..... (THE DUMMY.)	On caisson, 1¾ miles S. from extreme end of Pelee Point.	41 52 18	82 30 26	Rev. white 1½ min.	C	76	15
956	PELEE ISLAND	N.E. Point.....	41 49 55	82 38 22	F. white.....	C	45	9
958	MIDDLE ISLAND.....	Between Pelee and Kelly's Island.	41 41 0	82 40 49	F. red.....	D	70	12
959	LEAMINGTON.....	On shore near pier.....	42 1 45	82 36 12	F. white.....	C	48	12
960	KINGSVILLE	On outer end of E. breakwater Pier, 10 feet from W. edge.	42 1 37	82 43 50	F. red.....	D, 7..	27	5
961		On top of bank at head of E. pier N. by W., 1,060 feet from front light.	42 1 48	82 43 55	F. white....	D, 7..	55	12
962	COLCHESTER REEF ..	Near south-eastern edge of reef.	41 56 02	82 53 33	F. white	D, 3..	72	14

ONTARIO—*Continued.*

ERIE—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, hexagonal, wood	20	1846	.....	.....	946
White, octagonal, wood, fog-alarm building white, wooden.	60	1843 Fog-alarm 1892	Steam-horn sounds blasts of 7 seconds, with intervals of 30 seconds.	Fog-alarm building 200 yards S. of light, 400 yards from shore. Horn, 20 feet above water, faces S.E.	947
White, square, wood, dwelling attached.	56	1879	.....	Visible from all points seaward. When life-boat is required, light will be obscured towards Port Rowan.	948
Octagonal, wood.....	46	1840	.....	.....	950
On a pole.....	.....	1876	....	Not under Marine Department.	951
White, square, wood..	35	1844 re-built 1882	....	Visible from all points seaward.	952
White square, open framework.	30	1876 mov'd 1891	.....	The alignment, N. by E. ½ E., leads to entrance, and lights must be left on starboard hand in entering. The front light is visible only over a small arc on each side of the alignment, the back light from all points of approach.	953
White, octagonal, wood, on brown steel, cylindrical base.	49	1876 mov'd 1891	.....		954
White, octagonal, wood, on steel faced pier.	61	1861	Steam-horn sounds blasts of 7 seconds with intervals of 45 seconds.	Fog-horn, established 1889, on S. E. face of octagonal pier, 20 feet above the lake.	955
White, circular, stone.	40	1883	....	W. by S. clears Pelee Shoal.....	956
White, square, wood..	49	1872	Hand-horn answers signals from vessels.	....	958
White, square, wood..	37	1880	....	....	959
Lantern on a pole.	.....	1886	....		960
White, with iron lantern red, square, wood.	29	1886 mov'd 1889	....	In one lead to entrance, the outer light being left on starboard side in entering. Visible from all points of approach.	961
White, with iron lantern red, hexagonal, wood on circular stone pier.	60	1885	Bell rung by machinery, gives 1 stroke every 15 seconds.	Visible all around the horizon. Fog-bell on S. side of tower.	962

PROVINCE OF

RIVER

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	River Detroit.....	U. S. light.						
963	Bar Point Lightship.	About 600 feet to westward of a line drawn from Bois Blanc (Canadian) Lighthouse to Detroit River (Bar Point) Lighthouse.	42 1 17	83 8 30	One F. red ..... and One F. white.... (7 ft. apart vertically.)	D, p.. D, p..	27 20	7 9
964	Bois Blanc.....	On the foot of Bois Blanc Island, below and opposite Amherstburg.	42 5 11	83 6 45	F. white.....	C ...	56	14
965	Amherstburg Range.	Front range on E. bank Detroit River, 80 feet from water's edge and 2,300 feet N. of Fraser's Dock.	42 5 40	83 6 10	F. red.....	C	56	8
966		Back range, 475 feet N. 16° 30′ E. from front.	.....	.....	F. red.....	C ...	80	8
967	Head of Bois Blanc Island Range.	Front light 300 feet from extreme N. point.	42 6 17	83 6 45	F. white....	C	70	
968		Back light, 150 yards S. by W. ½ W. from front light.	... .	.....	F. red.....	C	90	
969		Front light on a pier on the shoal opposite Fort Malden, above Amherstburg.	42 6 19	83 6 25	F. white.....	C ..	31	2
970	Lime Kiln Crossing Range.	Back light on a pier 890 feet S. $\frac{1}{10}$ E. from front light.	.....	.....	F. red.....	C ...	51	2
	Lime Kiln Crossing South Light Vessel.	U. S. Light.						
	Lime Kiln Crossing North Light Vessel.							
971	Fort Malden Range.	Front light, on edge of bank, E. side of river, about 2,000 feet E. of railway station, and abreast of lower end of Lime Kiln Crossing Cut.	42 6 52	83 6 14	F. white.....	C	75	6
972		Back light, on E. side of street, 646 feet S. 18° 45′ E. from front light.	.....	.....	F. red...	C	108	6

ONTARIO—*Continued.*

DETROIT.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Wooden barge, hull gray, bulwarks white with "Bar Point Light-ship" in black. Lanterns hoisted in a frame.	.....	1889	....	From ship Bois Blanc Light bears N. by E. ½ E. 18,200 feet, and Bar Point Light S. ¾ W., 13,800 feet. Maintained by American vessel owners. Lights visible all around horizon.	963
White, with iron lantern, red, circular, stone, with dwelling near by on E. side.	40	1837 renewed 1880	.....	....	964
White, open frame, square, wood, side facing channel slatted.	50	1889	....	Maintained by the Lake Carriers' Association of Buffalo, N.Y. In one lead up from light-ship clear of all shoals and east of middle ground shoal off the tail of Bois Blanc bank.	965
Red, open frame, square wood, side facing channel slatted.	80	1889	....		966
White, iron tripod, with oval target at top.	70	1875 cha'gd 1892	....		967
Red, iron tripod, with oval target at top.	90	1875 cha'gd 1892	....	Range to lead to foot of Lime Kiln Crossing Channel.	968
White iron skeleton tower surmounted by metal lantern.	30	1886 mov'd 1891	....	The alignment of these lights can be kept with the alignment of Bois Blanc Island range, northward to its intersection with the alignment of the U. S. range lights at the head of Grosse Isle. Visible in line of range. At foot of dredged channel.	969
Red iron skeleton tower surmounted by metal lantern.	50	1886 mov'd 1891	....		970
White, open frame, wood, side facing channel slatted.	50	1889	....	Maintained by American vessel owners. In one, show the best channel, clear of shoals from the head of the Lime Kiln Crossing Cut to the foot of Fighting Island.	971
White, open frame, wood, side facing channel slatted.	80	1889	....		972

PROVINCE OF

RIVER

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
973		Front light on lower end of railway transfer slip.	42 7 30	83 6 25	F. red	C	35	2
974	TEXAS DOCK RANGE.	Back light, 375 feet N. ¼ W. from front, on bank above Texas Dock.	.....	.....	F. white.....	C ...	60	2
	BALLARD REEF LIGHT VESSEL.	U. S. Light.						

LAKE

977		Mouth of river, S. shore	42 19 0	82 26 50	F. white	C	55	12
978	THAMES RIVER....	Range light, 300 feet N.W. ½ N. from main one.	.....	.....	F. white..... ...	C	22	6

RIVER

981		Near the old wharf, in village, on ground, 10 ft. above water, at foot of Fane street.	42 53 35	82 26 40	F. white	C	48	4
982	CORUNNA RANGE..	On W. side of Beresford street, 568 feet S. 13° E. from front light.	.....	.....	F. white.....	C	67	4

LAKE HURON, GEORGIAN

983 984	POINT EDWARD...	.....	.....	.....	2 F.....	.....	.....	....
986		Main light on high Bank, S. of entrance to harbour.	43 44 33	81 41 20	F. white.....	C	150	18
987	GODERICH.....	Front range light, 11 feet from N. edge of breakwater and 117 feet from its other extremity.	.....	.....	F. red..	C	45	5
988		Back light, on N. pier, 1,509 feet W. by N. from front one.	.....	.....	F. green.....	C	34	5

ONTARIO—*Continued.*

DETROIT—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No
Lantern on a mast with small day beacon attached.	28	.....	.....	Maintained by Messrs. Duff & Gatfield, pilots, at head of dredged channel.	973
Lantern on a mast with small day beacon attached.	40	.....	.....		974

ST. CLAIR.

White, circular, stone.	59	1837	.....	These two lights, in one, lead over bar.	977
Red, open frame, square wood.	23	1845	.....		978

ST. CLAIR.

White, skeleton framed wooden tower, with enclosed top and side fronting the range, slatted.	40	1890	.....	Lights visible over a small arc on each side of the line of range. The alignment, S. 13° E., indicates the best water in the Canadian channel past the shoals at the head of Stag Island on the W., and past the shoals off the mouth of Talford's Creek on the E. side.	981
White, square, wooden.	42	1890 Rebuilt 1892	.....		982

BAY AND NORTH CHANNEL.

.....	.....	1889	.....	Established by American vessel owners.	983 984
White, square, stone, with dwelling attached. Water works building of red brick, with wooden roof and high brick chimney, on lake side, partially hidden from lake by old storehouse.	20	1847 Fog-alarm 1889	Steam-whistle, gives blasts of 10 seconds, with intervals of 50 seconds.	8-inch steam fog-whistle, on town water works building, on beach, 1,200 feet S.E. by E. from outer end of N. breakwater, 30 feet above water, and maintained by Corporation.	986
White, square, open frame.	33	.....	.....	To enter harbour the range lights should be kept in one E. by S. until nearly up to front light, which should be left on port hand in passing.	987
White, square, wood.	31	Rebuilt 1880	.....		988

PROVINCE OF

LAKE HURON, GEORGIAN BAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
989	POINT CLARK.....	About 20 miles N. from Goderich.	44 4 20	81 43 5	Rev. white, 30 seconds.	D, 2..	87	15
990		On N. pier, 1,185 feet W. by N. $\frac{3}{4}$ N. from main light.	.....	.....	F. red.....	C	37	8
991	KINCARDINE.....	Main light in the town on hill side.	44 10 30	81 37 50	Alt. white and red, 20 seconds.	C	76	14
993	PORT ELGIN.....	On outer end of Government wharf.	.....	.....	F. white.....	D....	.....	...
994	CHANTRY ISLAND....	About 2½ miles W. from Saugeen.	44 29 15	81 23 20	F. white.....	D, 2..	86	15
995	SOUTHAMPTON HARBOUR.	On E. end of W. break water N.E. by E. 933 yards from Chantry Island Light.	44 30 5	81 22 50	F. red to N., white in harbour.	C	29	7
996		Back light on shore S. of landing pier 2,100 yds. S. $\frac{3}{4}$ E. from the front one.	.....	.....	F. white	C	34	10
997	SAUGEEN.....	On breakwater, on N. side of mouth of river	44 30 12	81 21 45	F. white.....	D, 7..	30	10
998	PINE TREE RANGE.	....	..... .	.....	F. white..... .	C	.....	....
999		....	.....	.....	F. white.....	C	.....	....
1000	LYAL ISLAND.....	On W. side of Island..	44 56 40	81 23 55	Rev. white, 15 seconds.	C	51	12
1003	ISLE OF COVES. .	N. point of Cove Island, entrance to Georgian Bay.	45 19 40	81 44 9	Fl. white, bright, 10 seconds; eclipsed 15 seconds.	D, 2..	90	15
	For Georgian Bay	lights, see No. 1012.						
1006	MICHAEL POINT....	S. side of Grand Manitoulin.	45 34 5	81 56 0	F. white.....	C	40	13
1008	GREAT DUCK ISLAND.	On S.W. point of island	45 37 12	82 56 35	Rev. red and white, 40 seconds; one red and two white flashes every 2 minutes.	C	64	15
1010	MISSISSAUGA STRAIT.	On S.W. point of W. end of Grand Manitoulin Island.	45 53 10	83 12 10	F. white.....	C	46	13
	For North Channel lights see No. 1078. For St. Mary River lights see No. 1086. Isle of Coves.—See above No. 1003.							

ONTARIO—*Continued.*

AND NORTH CHANNEL—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, circular, stone.	87	1859	.....	.....	989
White, square, wood..	20	1874	.....	Front light, visible in direction of range.	990
Fawn colour, octagonal wood, dwelling attached, on high stone foundation.	63	1881	.....	Back range and lake coast light, visible from all points seaward. The two in line lead somewhat to the northward of the head of the north pier.	991
Lantern on a pole from corner of a shed.	.....	1884	.....	.....	993
White, circular, stone.	86	1859	Hand-horn answers signals from vessels.	.....	994
Front tower, white, square, wood.	25	1877	.....	Alignment leads to opening in breakwater at N. end of harbour. Back light must be opened to eastward of front to clear shoal running out from N. end of Chantry Island.	995
White, square, wood..	28	1877	.....	Depth in channel about 14 feet, insufficient to make navigation safe in stormy weather.	996
Lantern on mast, with brown shed at base, standing on crib.	20	1883	.....	To guide fishing boats into Saugeen River.	997
Lantern on mast.....	.....	.....	.....	Not under Marine Department. Local knowledge is necessary to use these lights.	998
Lantern on mast	.....	.....	.....		989
White, square, wood, dwelling attached.	57	1885	.....	Coast light and guide to Stokes' Bay and small boat harbour close by.	1000
White, circular, stone.	85	1859	Steam-horn gives blasts of 10 seconds, with intervals of 110 seconds.	Fog-horn located westward of the light.	1003
White, square, wood..	28	1870	Hand-horn answers signals from vessels.	.....	1006
White, square, wood, with dwelling attached. Fog-alarm building, white with brown roof.	54	1877 Fog-alarm 1888	Steam-horn gives blasts of 8 seconds, with intervals of 35 seconds.	Fog-horn located 150 feet S.E. from light.	1008
White, square, wood..	28	1873	Steam "wild-cat" whistle gives blasts of 8 seconds, with intervals of 2 min.	For guiding vessels through Mississauga Straits for either entrance. Pitch of whistle varies during the blast.	1010

PROVINCE OF

LAKE HURON, GEORGIAN BAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather
1011	Tobermory	Water's edge, W. side of entrance.	45 15 35	81 40 25	F. red	D, 7..	40	8
1012	Surprise Shoal, Bell Buoy.	In 6 fathoms immediately N. of 9-foot patch at W. end of shoal.	45 3 27	81 1 20	.....	.....	.. ..	....
1013	Wiarton	Near outer end of breakwater, head of Colpoy's Bay.	44 45 0	81 8 10	F. red	D, p..	19	6
1014	Griffith's Island	N.E. side of island, 17 miles from Town of Owen Sound.	44 51 3	80 53 22	F. white	D, 3..	85	16
1016	Presqu'Ile	Near McKenzie's wharf Owen Sound, Georgian Bay.	44 41 48	80 54 25	F. white	C	31	10
1017	Owen Sound	On pilework, E. side of mouth of Sydenham River.	44 34 43	80 56 19	F. red	C	39	7
1018	Owen Sound	On pile foundation, 915 feet S. by W. ¾ W. from front tower.	.....	... .	F. red	C	46	8
1019	Meaford	On outer end of pier	44 36 40	80 34 30	F. white	C	42	13
1020	Thornbury	On outer end of W. breakwater pier.	44 34 0	80 26 5	F. white	D, 7..	32	7
1021	Nottawasaga Island.	2 miles N.W. of Collingwood Harbour.	44 32 22	80 15 6	Rev. white, every ½ minute.	D, 2..	86	17
1022	Collingwood	Outer end of W. breakwater pier.	44 31 0	80 13 50	F. red	C	41	8
1023	Collingwood	At turn of dredged channel in harbour.	44 30 40	80 13 45	F. red	D, p..	27	6
1025	Christian Island	On Bar Point	44 47 20	80 9 25	F. white	D, 4..	61	15
1026	Hope Island	On N.E. point of Island	44 54 50	80 10 0	Rev. white—One minute.	C	54	12

ONTARIO—*Continued.*

AND NORTH CHANNEL—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, hexagonal, wood red iron lantern.	43	1885	.....	.....	1011
Red iron buoy, surmounted by open frame holding bell.	....	.....	.....	Patches with less than 2 fathoms extend nearly 1 mile east, deep water 2 cables S. of buoy.	1012
Lantern on a mast, with white shed at base.	....	1891	.....	.....	1013
White, circular, stone.	61	1859	Hand-horn answers signals from vessels.	.....	1014
White, square, wood..	27	.....	.....	.....	1016
White, with vertical red stripe on N. side, square, wood.	34	Rebuilt 1883 improv'd 1895	.....	N.B.—There are ranges for ascertaining compass errors at this port. Particulars can be obtained from Harbour Master.	1018
White, with vertical red stripe on N. side, square, wood.	46	Built 1895	.....	Lights can be brought in one as soon as seen, and kept until front light is 900 feet distant, when haul up for entrance leaving both on port hand.	1017
White, square, wood..	35	1878	.....	.....	1019
Mast, with drab shed at base.	25	1887	.....	.....	1020
White, circular, stone.	85	1859	.....	Red sector covering an arc of 30° S.W. from Fisherman's Point and including Collingwood Harbour, to indicate shoals between light and harbour. Collingwood breakwater light well open N. Eastward of this light clears Mary Ward ledges, and white light kept open till breakwater light bears S.W. clears shoals between the two.	1021
White, wood.....	.....	1858	Hand-horn answers signals from vessels.	.....	1022
White, square, wood. Lantern red.	27	1884 changed 1894	.....	Approaching from W. about ½ mile off shore; haul for this light when open a little to E. of 1022 and pass in 75 feet W. of 1022.	1023
White, circular, stone.	60	1859	.....	.....	1025
White, square, wood, with dwelling attached.	57	1884	Hand-horn answers signals from vessels.	Shows all around, except when intercepted by trees on island.	1026

PROVINCE OF

LAKE HURON, GEORGIAN BAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1027	GIANTS TOMB.....	On S. extremity of Island.	44 52 47	80 0 28	F. white.... . ..	D, 7..	40	11
1028	GIN ISLAND	On W. side of Beausoleil Island.	44 51 30	79 53 10	F. white.....	C	54	10
1030	WHISKY ISLAND....	Entrance to Penetanguishene Harbour.	44 49 0	79 53 20	F. white.....	D, 7..	33	11
1031	PENETANGUISHENE ..	On outer end of Reformatory pier.	44 48 30	79 53 50	F. white....	C	17	8
1032	WESTERN ISLANDS..	On Double Top Rock..	45 2 4	80 21 31	F. white.....	D, 7.	74	14
1033	LONE ROCK BELL-BUOY.	300 feet from rock, Wabuno Channel.	45 9 30	80 12 0	....	.....	.....	....
1034	RED ROCK.....	At entrance to Parry Sound.	45 22 5	80 23 5	F. white....	C	63	13
1035	PARRY SOUND.	On the westernmost Walton Island.	45 22 18	80 19 38	F. red	C	39	7
1036	SNUGHARBOUR RANGE.	On S. extremity of island on N. side of entrance to harbour. 3,100 feet E. by N. ¼ N. from Walton Island light.	45 22 27	80 18 58	F. white.....	C	62	13
1037		On summit of northernmost Gordon Rock.	45 18 56	80 17 15	F. red	C	40	7
1038	JONES ISLAND RANGE.	On S.W. point of Jones Island, 2,900 yards S.E. ¼ S. from Gordon Rock light.	45 18 0	80 15 42	F. white.....	.....	63	8
1039	HUGH ROCK....	On summit of rock at junction of Albert with main channel.	45 19 10	80 14 31	F. white.....	D, 7..	34	7

ONTARIO—*Continued.*

AND NORTH CHANNEL—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, surmounted by red iron lantern.	37	1893	.....	Visible from all points of approach by water.	1027
White, square, wood..	36	1875	.....	For guiding vessels to Penetanguishene and Midland Harbours.	1028
White, square, wood..	36	1882	.....	.....	1030
White, square, wood..	18	1876	.....	.....	1031
White, octagonal, wood, iron lantern red.	59	1895	Steam horn 80 feet N.N.W. from the lighthouse, gives blasts of 8 seconds with intervals of 40 seconds.	.....	1032
Red buoy.....	.....	1889	Bell rung by action of waves.	Buoy must be kept on starboard hand in going northward.	1033
White, octagonal, wood, on pier.	44	1870 removed 1881	.....	.....	1034
White, square, wood, with red stripe on side facing channel.	29	1894	.....		1035
White, square, wood, rising from roof of rectangular dwelling, with red stripe on side facing channel.	50	1894	.....	These two in one lead in E. by N. ¼ N. south of Seguin bank through main channel to intersection with Jones Island range.	1036
White, square, wood, with red stripe on side facing channel.	38	1894	.....	Visible over an arc of 180° between S.E. by E.½ E., round through S., to N.W. by W.½ W.	1037
White, square, wood, rising from roof of rectangular dwelling, with red stripe on side facing channel.	50	1894	.....	These two in one lead in S. E. ¼ S., from intersection with Snug Harbour range to Gordon Rock light, clear of Ariel Rock, Hall Reef, Telegram Rock and Hooper Island Reef, on starboard hand, and clear of Black Rock and Twin Rock, on port hand.	1038
White, square, wood, with red stripe on W. side.	27	1894	.....	Vessels entering Parry Sound will make the approach guided by Red Rock light as previously, until they bring the Snug Harbour range lights in one, when they will enter the main channel, keeping them in one E. by N.¼ N. until the Jones Island range is brought into alignment. This alignment is then kept S.E.¼ S. until within ¼ mile of Gordon Rock, when they should haul up E. by S.¼ S., leaving Gordon Rock on starboard hand. When on a line joining Gordon Rock and Hugh Rock they can bear up for Hugh Rock light and keep the course East until within ¾ mile of Hugh Rock light, when they again change the course to N.E. by E.¼ E. to pass Cameron Island. After passing Cameron Island the entrance to Parry Sound is free from shoals.	1039

PROVINCE OF

LAKE HURON, GEORGIAN BAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1042		Front range, on S. extremity of point, close to water.	45 33 33	80 30 34	F. white.....	D, 7..	38	10
1043	POINT AU BARIL..	Back range, on summit of island, 4,800 feet E. by S. $\frac{3}{4}$ S. from front.	.....	.....	F. red.....	C	60	10
1045	GEREAUX ISLAND...	On S. side of entrance to Byng Inlet.	45 44 31	80 39 52	F. white.....	C	49	12
1046		Front range, close to S. side of channel, $\frac{3}{4}$ mile N.E. by E. $\frac{1}{4}$ E. from Gereaux Island light.	45 45 5	80 38 56	F. red.....	C	34	8
1047	BYNG INLET.....	Back range, 1,520 feet E. by N. from front.	.....	.....	F. white.....	C	60	13
1050	BUSTARD ROCKS, BACK RANGE.	On a rocky islet, $2\frac{1}{2}$ miles S. W. of entrance to French River.	45 53 25	80 57 18	F. white....	D, 7..	48	12
1051	BUSTARD ROCKS, FRONT INNER RANGE.	229 feet N.E. $\frac{1}{4}$ E. from the last described.	.....	.....	F. white	C	30	6
1052	BUSTARD ROCKS, FRONT OUTER RANGE.	193 ft. W. by S. from back tower.	.....	.....	F. white	C	27	10
1053		On Lefroy Island, W. side of mouth of river.	45 56 8	80 54 40	F. white	C	15	6
1054	FRENCH RIVER ...	Near the Creek, E. side of river, N.E. by N. 4,300 feet from Lefroy Island light.	.....	....	F. red.....	C	37	6
1056	LONELY ISLAND.....	On summit of N. bluff..	45 34 27	81 28 11	F. white.....	C	195	20
1057	KILLARNEY EAST OR RED ROCK POINT.	One mile E. of Killarney	45 58 4	81 29 28	F. white.....	D, 7..	42	11
1058	KILLARNEY RANGE..	....	.....	.....	.....	....	.....	....
1059		....	.....	.....	.....	.....	.....	....
1060	KILLARNEY WEST OR PARTRIDGE ISLAND	One mile N.W. of Killarney.	45 58 57	81 32 5	F. white	C	30	10
1062	MANITOWANING.....	On the hill in the village, Grand Manitoulin Island.	45 44 42	81 48 27	F. white....	D, 7..	80	14

ONTARIO—*Continued.*

AND NORTH CHANNEL—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with kitchen attached	32	1889	.....	Alignment shows channel between the shoals westward of the point. Outer light left on port hand on entering, and inner light left on starboard hand in passing.	1042
Brown, with enclosed part white, square, wood, open frame, upper part enclosed.	44	1889	.....		1043
White, square, wood, dwelling attached.	48	1870 removed 1885	.....	.....	1045
White, square, wood..	33	1890	.....	Visible in and over a small arc on each side of range.	1046
White, square, open, framed wood, lantern and top enclosed, slats below.	49	1890	.....	Alignment E. by N. leads into mouth of Byng Inlet, clear of Maganetawan Ledges on S. and Burton Bank on N. with nowhere less than 4 fathoms.	1047
White, square, wood, surmounted by hexagonal red iron lantern.	37	1875	.....	Back tower is also to be used as a coast light. It is visible from all points of approach except over the dangerous rocks and shoals to the N. eastward and eastward. The inner range leads in from a point just clear of the N. Bustard Rock to the intersection with this range of the French River range. The outer range leads in from deep water, clear of Isabel rock on the north, and of all the shoals southwest of Bustard Rocks on the south.	1050
White, square, wood, surmounted by square red wooden lantern.	28	1875	.....		1051
White, square, wood, surmounted by square red wooden lantern.	28	1893	.....		1052
White, square, wood, open framework.	13	1875	.....	Leads in from its intersection with the inner Bustard Range to Lefroy Island, clear of all obstructions.	1053
White, square, wood, surmounted by square red wooden lantern.	33	1875	.....		1054
White, square, wood, dwelling attached.	42	1870	.....	To the S. the light is obscured by the land between N.N.W. ½ W. and N.E. by E.	1056
White, square, wood..	20	1866	.....	At N. side of channel leading into Killarney Harbour from the eastward.	1057
.....	.....	.....	.....	Range lights proposed.....	1058
.....	.....	.....	.....		1059
White, square, wood..	20	1866	.....	.....	1060
White, square, wood, iron lantern red.	38	1885	.....	.....	1062

PROVINCE OF

LAKE HURON, GEORGIAN BAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1064	Strawberry Island	Northernmost point....	45 58 23	81 51 25	F. white....	C ...	40	11
1065		South light close to shore between docks in village.	45 58 50	81 55 42	F. white.....	C	24	6
1067	Little Current..	N. light on E. extremity of Spider Island, 1,350 feet N. ¾ W. from S. light.	45 59 4	81 55 50	F. white	C	24	6
1068	Narrow Island....	On west end	45 59 26	81 58 50	F. white.....	D, 7..	34	11
1069	Clapperton Island.	N. point	46 3 13	82 14 18	F. white.....	C	30	10
1070	Kagawong	At foot of Mudge Bay, 75 feet back from shore and 100 feet westward of dock.	45 54 31	82 15 45	F. white	C .. .	38	11
1073	Boyd Island.....	On small rock, near Boyd Islands, 1¾ mile S.E. ¼ E. from Spanish River Lumber Co's Mill on Aird Island.	46 7 25	82 20 10	F. red..	D, 7..	41	6
1074	Gore Bay.....	On Janet Head.....	45 56 40	82 28 58	F. white.....	D, 7..	43	11
1075	Cape Robert.....	On the northern extremity of the Cape.	45 59 44	82 49 40	F. white.....	D, 7..	46	12
1076	Mississauga Island	On S. end of Island....	45 59 44	83 0 31	Rev. white..	C	53	12
...	Mississauga Strait.	*See* above No. 1010...	.....	....	.....	.....	.....	....
1078	Sulphur Island....	S. end of Island. ...	46 8 40	83 36 30	F. white.....	D, 7..	45	12
1079	Thessalon River...	E. side of mouth of river	46 15 0	83 33 24	F. white.... .	C	11	7
1080	Bruce Mines.....	On outer end of wharf..	46 17 51	83 47 16	F	....	.....	....
1081	North Sister Rock.	E. side of channel.....	46 18 16	83 54 44	F. white.....	D, 7..	35	11
1082	Bamford Island...	On E. extremity of Island, ½ mile S. W. of Wilson's channel.	46 19 6	83 59 35	F. white	D, 7..	32	10
1083	Richards Landing.	On outer end of wharf.	46 17 44	84 2 12	F. white.....	D, 7..	21	9
1084	Shoal Island.....	On N. extremity S. side of channel.	46 18 51	84 4 30	F. white.....	D, 7..	32	11

ONTARIO—*Continued.*

AND NORTH CHANNEL—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with dwelling attached.	44	1881	.....	.....	1064
White, with lantern red, square, wood.	.....	1866	.....	Vessels from eastward will pass close to the docks, keeping the line of the lights between them and giving the N. light a berth of 150 feet.	1065
White, with lantern red, square, wood.	.....	1866	.....		1067
White, with iron lantern red, square wood, with kitchen attached.	45	1890	.....	Visible from all points of approach.	1068
White, square, wood..	35	1866	.....	.....	1069
White, square, wood, with red lantern.	27	1888 changed 1894	.....	.....	1070
White, square, wood..	39	1885	.....	.....	1073
White, square, wood, dwelling attached.	40	1879	Horn answers signals from vessels.	Visible from all points seaward....	1074
White, square, wood, dwelling attached.	41	1885	.....	Visible from all points seaward....	1075
White, square, wood, dwelling attached.	50	1884	.....	Visible except between the bearing of S. E. ¾ S. and S.S.W. ¾ W. where it is obscured by trees on northerly part of island.	1076
.....	.....	.....	.....	.....	...
White, square, wood..	20	1869	.....	.....	1078
White, square, wood..	12	.....	.....	Not under Marine Department....	1079
.....	.....	.....	.....	Not under Marine Department....	1080
White, hexagonal, wood on a pier.	30	1885	.....	.....	1081
White, square, wood, dwelling attached.	34	1885	.....	.....	1082
White, square, wood, open frame. Small shed at base.	15	1894	.....	Not under Marine Department....	1083
White, square, wood, dwelling attached.	34	1885	.....	.....	1084

PROVINCE OF

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
....	POINT DETOUR	U. S. Light						
....	FRYING PAN ISLAND.	U. S. Light						
....	PIPE ISLAND	U. S. Light						
....	SWEETS POINT	U. S. Light						
....	ROUND ISLAND.	U. S. Light						
....	WINTER POINT RANGE.	U. S. Lights						
1086	SAILORS ENCAMPMENT LOWER RANGE.	On west shore of St. Joseph Island, ½ mile below Ross Wharf.	46 14 18	84 5 40	F. red	D.p..	19	2
1087		64 feet east from shore line. 246 feet S. ⅞ W. from front light.			F. red	D.p..	26	2
....	ENCAMPMENT CRIB.	U. S. Light						
1088	RAINS WHARF RANGE.	On outer end of wharf.	46 15 0	84 5 20	F. red	D.p..	17	2
1089		390 feet S.E. from front light.			F. red	D.p..	24	2
1090	SAILORS ENCAMPMENT UPPER RANGE.	640 feet from shore.	46 15 21	84 5 21	F. red	D.p..	65	2
1091		260 feet N. ⅞ E. from the front light.			F. red	D.p..	73	2
	DARK HOLE, EAST RANGE.	United States lights.						
	DARK HOLE, WEST RANGE.	United States lights.						
	POINT OF WOODS RANGE.	United States lights.						
	HEN AND CHICKENS (NEEBISH ISLAND) RANGE.	United States lights.						
	HARWOOD POINT RANGE.	United States lights.						
	EAST NEEBISH, LOWER RANGE.	United States lights.						

ONTARIO—*Continued.*

MARY.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
.....	.....	.....	.....	.....	....
.....	.....	.....	.....	.....	....
.....	.....	.....	.....	.....	....
.....	.....	.....	.....	.....	....
.....	.....	.....	.....	.....	....
.....	.....	.....	.....	.....	....
Lantern on a mast.....	17	1892	.....	The alignment, S. ⅞ W. guides vessels down the river past the turn of Johnsons Point and should be kept from its intersection with Rains wharf range till the Encampment Crib (U.S.) light is passed when the alignment should be left on the port hand.	1086
Lantern on a mast.....	22	1892	.....		1087
.....	.....	.....	.....	.....	....
Lantern on a mast.....	15	1892	.....	This range is in the same alignment as the Point of Woods (U.S.) Range, and guides vessels going down stream through the Dark Hole passage, S.E., from its intersection with the alignment of the U.S., East Range, Dark Hole, to its intersection with the two Sailors Encampment Ranges.	1088
Lantern on a mast.....	22	1892	.....		1089
Lantern on a mast.....	17	1892	.....	This alignment, N. ⅞ E. guides up the river past the turn at Johnsons Point. Should be taken as soon as the Encampment Crib (U.S.) light is abeam and kept until the Point of Woods (U.S.) lights are brought into alignment.	1090
Lantern on a mast.....	22	1892	.....		1091

PROVINCE OF

RIVER ST.

No.	Light.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	27 American lights in Hay Lake.							
	For North Channel lights, read upwards from No. 1083.							
	INDIAN POINT RANGE	United States lights.						
1094	EAST NEEBISH, UPPER RANGE.	On east shore, 159 feet from shore in line of Range.	46 21 32	84 7 0	F. red.....	D. p..	34	2
1095		302 feet N. ½ E. from front light.	.....	.....	F. red	D. p..	42	2
	DUCK ISLAND RANGE	United States lights.						
	20 other United States lights to the Sault.							
1115	SAULT STE. MARIE ..	On Government wharf, 25 feet from S. E. corner.	46 30 21	84 19 0	F. red.....	. ..	14	2
1116	FOOTES DOCK.....	At shore end of dock, near the bank of the river.	46 31 0	84 20 30	F. red.....	D. p..	24	5
1119	POINT AUX PINS ...	On outer end of low sand point.	46 28 25	84 27 0	F. white.....	C	30	8

LAKE

1120	PANCAKE SHOAL BELL BUOY.	In 5 fathoms off the S.W. edge of the shoal.	46 54 30	84 47 45	....	.....	.....	....
1121	CORDAY POINT.....	Batchewana Bay ...	46 53 35	84 36 5	F. white.....	D, 7..	77	16
1123	GARGANTUA.....	On summit of small island in mouth of harbour.	47 33 40	84 57 20	F. white.....	D, 7..	97	15
1125	CARIBOU ISLAND....	On a small island S. W. of Caribou Island.	47 19 45	85 47 35	Rev. white, 10 seconds.	C	76	15
1126	MICHIPICOTEN ISLAND.	On headland E. side entrance to Quebec Harbour.	47 42 10	85 46 0	F. white.....	C .. .	56	15
1127	AGATE ISLAND.. ...	In Quebec Harbour, Michipicoten Island.	47 42 30	85 47 0	F. white.....	C	32	10

ONTARIO—*Continued.*

MARY—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No
Lantern on a mast	17	1892	.....	These two lights in one, N. ½ E. show the same alignment as the East Neebish (U.S.) range, and are intended to guide vessels going up the river through the upper reach of East Neebish from the intersection of the alignment with Indian Point (U.S.) range till abreast of Indian Point, whence a N.N.W. course will lead up the middle of the river, clear of all obstructions, to the intersection with Duck Island (U.S.) range.	1094
Lantern on a mast ...	22	1892	.....		1095
Lantern on a mast	.....	1894	.....	To indicate position of Government wharf	1115
Lantern on a mast ...	20	1890	.....	Beacon light shows up and down the river.	1116
White, square, wood..	23	1873	.....	.....	1119

SUPERIOR.

Red buoy	.....	.....	Bell rung by action of the waves.	.....	1120
White, octagonal, wood, with dwelling attached.	63	1873	.....	.....	1121
White, with iron lantern red, hexagonal, wood.	43	1889	.....	.....	1123
White, octagonal, wood, red lantern, dwelling attached. Fog-alarm building white, with brown roof.	80	1886	Steam-horn, sounds blasts of five seconds, with intervals of 25 seconds.	Fog-horn 100 feet S. of light.....	1125
White, square, wood..	32	1872	Bell rung by machinery...	.....	1126
White, square, wood..	20	1872	.....	.....	1127

PROVINCE OF

LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1129	PENINSULA HARBOUR	S. end of island at entrance.	48 42 5	86 22 15	Rev. white, ½ minute.	C	105	16
1131	BATTLE ISLAND.. ...	E. entrance to Nepigon Bay.	48 44 45	87 32 50	Alt. red and white, ½ minute.	C	105	16
1132	LAMB ISLAND... ...	Western entrance to Nepigon Bay.	48 36 25	88 9 10	F. white.....	C	90	15
1135	PORPHYRY POINT....	Entrance to Black Bay, Edward Island, Algoma.	48 21 0	88 38 10	F. white.....	C	56	13
1137	THUNDER CAPE.....	Entrance to Thunder Bay.	48 18 23	88 56 40	Rev. white, 1 minute.	C ...	45	12
1138	KAMINISTIQUIA....	On N. shore of river, near Fort William.	48 23 30	89 13 25	F. white.....	C	40	11
1139		879 feet E.N.E. from above.	.....	.....	F. white....	C	30	10
1140	PORT ARTHUR.....	On cribwork block, 31 feet from W. end of breakwater.	48 25 40	89 12 30	F. white.....	C	43	11
1141	PIE ISLAND.....	400 ft. S.W. from wharf, W. extremity of island, W. entrance of Thunder Bay.	48 13 33	89 10 30	F. white.....	D, 7..	29	10
1112	VICTORIA ISLAND....	Near the western end of the island.	48 5 0	89 20 10	F. white.....	D, 7..	89	15

LAKE

1147	SOUTH EAST BAY....	On S. side of entrance.	46 7 35	79 22 40	F. white....	D. p..	30	10
1148	SOUTH RIVER.....	On point near tannery, on W. side of mouth.	46 3 40	79 32 30	F. white..... .	D. p..	28	10

LAKE OF

1151	RAINY RIVER... .	Off S. extreme of Sable Island.	48 52 42	94 44 24	F. white.....	D, 7..	32	10
1152		e S. E. by S. ¾ S. a main light.	.....	.....	F. red.....	D, 7..	28	7

ONTARIO—*Continued.*

SUPERIOR—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with dwelling attached. Iron lantern, red.	56	1891	.....	Vessels entering harbour leave light ⅛ mile on port hand. There is good water throughout entrance.	1129
White, square, wood..	36	1877	.....	.....	1131
White, square, wood, dwelling attached.	46	1877	.....	.....	1132
White, square, wood..	36	1873	.....	.....	1135
White, square, wood, dwelling attached. Fog-alarm building white, with brown roof.	28	1874	Steam-horn, sounds blasts of five seconds, with intervals of 25 seconds.	.....	1137
White, square, wood, dwelling attached. Lantern red.	40	1873 rebuilt 1876	.....	These two lights in one lead through the dredged channel at mouth of river.	1138
White, square, wood. Lantern red.	30	1873 rebuilt 1895	.....		1139
White, square, wood..	36	1882 mov'd 1887	.....	.....	1140
White, square, wood. Lantern red.	23	1895	.....	.....	1141
White, square, wood, with red iron lantern, white wooden building on low ground, S. and W. of light.	30	1881 buildings erec'd 1887	.....	.....	1142
NIPISSING.					
White, with red roof, square, wood, on cribwork pier.	21	1887	.....	.....	1147
Lantern on a mast, with white shed at base.	25	1887	.....	To guide to mouth of river, past shoals that extend N. and E. from mouth.	1148
THE WOODS.					
White, square, wood, on piles in water.	30	1886 mov'd 1895	.....	The two lights in one lead to the mouth of Rainy River, the channel into which is marked by buoys.	1151
Lantern on mast, on piles in water.	25	1895	.....		1152

PROVINCE OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1154	Mouth of Red River Range.	Main tower on pile foundation on E. side of channel.	50 23 4	96 47 23	F. white.....	C....	46	12
1155		On W. side of channel 3,600 ft. N. 1° 15′ W. from back tower.	.....	.....	F. white.	C....	23	10
1156	Channel Island..	East end of Island, near mouth of Berens River, Lake Winnipeg.	52 18 0	97 23 0	F. white.....	D, 7..	34	11

MANITOBA.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with vertical red stripe on side facing the channel. Lantern red.	47	1895	.....		1154
White, square, wood with vertical red stripe on side facing the channel. Upper part closed, lower part open.	27	1895	.....	The two lights in one lead to the entrance of the curved channel, which is marked by beacons.	1155
White, square, wood, with dwelling attached.	33	1884	.....	Visible from all point o approach.	1156

PROVINCE OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1161	CAPE BEALE.....	S.E. point of entrance to Barclay Sound on W. coast of Vancouver Island.	48 47 30	125 13 16	Rev. white, 30 seconds.	C ...	178	19
1163	CARMANAH	On point 2 miles W. by N. ½ N. from Bonilla Point.	48 36 40	124 46 30	Gp. rev. white, 3 white flashes, 30 seconds, eclipse 30 seconds, complete revolution 1 minute.	C	173	19
1165	RACE ROCKS	In Strait of Juan de Fuca.	48 17 30	123 32 20	Fl. white 10 seconds	D, 2..	118	18
	CAPE FLATTERY.....	U.S. light.						
1166	FISGARD.....	On a rock, at western entrance to Esquimalt Harbour.	48 25 43	123 27 15	F., see remarks...	D, 4..	67	12
1168	BERENS ISLAND.....	Western entrance to Victoria Harbour.	48 25 22	123 24 0	Occ. white, visible 15 secs., eclipsed 5 secs.	C	44	10
1169	SHOAL POINT BEACON	Outer end of spit off the point, in Victoria Harbour.	48 25 24	123 23 40	F. red	D, p..	5	3
1170	PIN ROCK BEACON...	In Victoria Harbour...	48 25 22	125 23 20	F. white.....	.....	8	3
1172	DISCOVERY ISLAND..	On eastern extremity of Island in the Strait of Haro.	48 25 20	123 13 42	F. white.....	D, 6..	91	15
	TURN POINT.....	U.S. light.						
1175	SATURNA ISLAND....	On East point.....	48 47 0	123 3 2	Rev. white, 30 seconds.	C	125	17
	PATOS ISLAND	U.S. light.						

BRITISH COLUMBIA.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, stone, with dwelling attached.	42	1874	....	Visible from east round by N. to W. by N. $\frac{1}{2}$ N. The light should not be brought to bear to the northward of E. $\frac{1}{2}$ N., as there is foul ground to the northward of the N. limit of the light. Entrance to Sound should not be attempted without local knowledge or a pilot.	1161
White, square, wood, red iron lantern, with white dwelling attached. Fog-alarm building in front of and below tower.	46	1891	Steam-horn gives blasts of 6 seconds in every 30 seconds.	....	1163
Alternate black and white horizontal bands, circular, stone dwelling attached.	105	1861	Whistle sounds blasts of 5 seconds, with intervals of 1 minute and 12 seconds.	A 12-inch steam fog-whistle.....	1165
White, circular, brick. Red brick dwelling attached.	56	1861	....	Shows white in fair way between bearings N. $\frac{1}{4}$ W. and N.W. by W. $\frac{1}{2}$ W. and clears all offlying dangers. Shows red from N.W. by W. $\frac{1}{3}$ W. to S. $\frac{3}{4}$ E. in Esquimalt harbour, and to vessels bound for Victoria or Esquimalt from the eastward after rounding Trial Island, it will indicate their distance from shore. If bound to Esquimalt a W. S. W. course leads outside of Brotchy Ledge until the light changes from red to white, when it may be steered for, not before. A white ray is shown to the westward of S. $\frac{3}{4}$ E. into Esquimalt harbour.	1166
White, square, wood, dwelling attached. Bell tower on seaward side.	30	1876	Bell rung by hand answers vessels' signals.	Light bears from Brotchy Ledge buoy N. N. W. $\frac{1}{2}$ W.	1168
Hand lantern attached to cluster of 3 piles, forming beacon.	.....	1889 changed 1894	....	In storms dependence must not be placed on this light.	1169
Hand lantern attached to cluster of 3 piles, forming beacon.	.....	1891 changed 1894	....	In storms dependence must not be placed on this light.	1170
White, square, wood, dwelling attached. Fog-alarm building, wood, white, with brown roof.	47	1886	Steam-horn gives blasts of 8 seconds, with intervals of one minute between them.	Visible from S. E. $\frac{1}{4}$ S. round by S. W. and N. to N.E. by N. $\frac{1}{4}$ N. Steam fog-horn established 1890, 300 feet S. Eastwardly of light, 45 feet above high water mark.	1172
White, square, wood, with dwelling attached. Iron lantern red.	58	1888	.....	Visible from N.E. $\frac{1}{2}$ N. round by W. to S.E. by E. $\frac{1}{4}$ E. Light should not be approached from N. or W. within $1\frac{1}{2}$ miles.	1175

PROVINCE OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1177	Portlock Point....	On N.E. extremity of Prevost Island, Trincomalie Channel.	48 49 50	123 21 30	F. white with red sector over Enterprise Reef.	D, 7..	72	10
1178	Plumper or Active Pass.	On Georgina Point, Mayne Island, Strait of Georgia.	48 52 25	123 17 50	F. white	D, 6..	55	....
1180	Fraser River	On S.W. end of Sturgeon Bank, S. Sand Heads.	49 5 0	123 17 10	F. white	D, 3..	52	12
1181	Sand Heads Bell-Buoy.	In 24 fathoms W. by S. ¼ S. from No. 3 Sturgeon Bank, red buoy.	49 7 6	123 17 54	....	.....	.....	....
1183	Point Atkinson....	N. point of entrance to English Bay and Burrard Inlet.	49 19 42	123 15 54	Rev. white, one minute.	C	96	15
1185	Brockton Point....	Inside First Narrows of Burrard Inlet, at entrance to Vancouver Harbour.	49 17 52	123 6 50	F. See remarks..	D, 7..	52	8
1187	Entrance Island...	Nanaimo, Strait of Georgia.	49 12 30	123 48 45	F. white, with red sector of 7½° over Gabriola reef.	D, 5..	65	14
1188	Gallows Point Beacon.	S. side of entrance to Nanaimo Harbour.	49 10 12	123 55 27	F. red..	D, p..	10	2
1189	Middle Ground Beacon.	Nanaimo Harbour	.....	... .	F. white.....	D, p..	8	2
1192	Yellow Island....	On summit S. E. of Denman Island, S. E. entrance to Baynes Sound.	49 28 16	124 42 10	Gp. rev. white, 3 flashes, 30 sec.; Eclipse, 30 sec. Complete revolution, 1 min.	C	120	17

BRITISH COLUMBIA—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, kitchen attached. Lantern red.	48	1895	.....	.....	1177
White, square, wood, with dwelling attached. White fog-alarm building with brown roof and white tank house near by.	42	1885	Fog-horn established 1893, gives blasts of six seconds duration, with intervals of 24 seconds.	Coast light, and indicates the eastern entrance to Active Pass. Visible from W. $\frac{1}{2}$ S. round by N. to N.E. $\frac{1}{2}$ N. Light in sight clears dangers between Active Pass and East Point.	1178
White, hexagonal, wooden tower on iron pile foundation.	49	1886 light-house built 1884	Fog-bell attached to the tower, gives a stroke every 20 seconds.	From the light No. 1 black buoy at entrance to river bears N.W. $\frac{3}{4}$ N. $1\frac{3}{4}$ miles.	1180
Red iron buoy, surmounted by staff and globe.	.....	1892	Bell rung by motion of buoy on waves.	.....	1181
White, square, wood, dwelling attached.	41	1875	Steam-horn 300 feet from lighthouse, established 1889. Sounds blasts of 8 seconds, at intervals of 1 minute.	Visible from the entrance to Burrard Inlet to an E. by N. $\frac{3}{4}$ N. bearing. Should not be brought to bear to westward of N. by vessels in the Strait, as this bearing will only lead clear of Sturgeon Bank, off Fraser River.	1183
Lantern on a mast. Fog-alarm building of wood, white, with brown roof.	30	1890	Bell sounds one stroke every 20 seconds.	Light white from all points of approach except over Burnaby Shoal, which is covered by a red sector over arc of $29\frac{1}{2}°$ between W.N.W. and W. $\frac{5}{8}$ S. Bell elevated 42 feet above high water mark and faces N. by E.	1185
White, square, wood, with dwelling attached.	50	1876	Steam horn close to lighthouse, to eastward, established 1894. Sounds blasts of 8 seconds, with intervals of 45 seconds.	Light red from W. to W. $\frac{3}{8}$ N. From points S. of this light obscured by high land. Vessels from S. should not change course to W. until light changes to white, which will clear Gabriola reef buoy $\frac{1}{2}$ mile.	1187
Lantern attached to cluster of 3 piles forming beacon.	.....	1892	.....	Maintained regularly. In storms dependence must not be placed on it. Gallows Point bears N.W. by N., distant $1\frac{2}{10}$ cables.	1188
Lantern attached to cluster of 3 piles formin beacon.	.....	1892 changed 1894	.....	This beacon bears S.W. by W. from Gallows Point, distant $3\frac{2}{10}$ cables, and W. by S. $3\frac{2}{5}$ cables from Gallows Point Beacon.	1189
White, square, wood, with red, iron lantern, white dwelling attached.	55	1890	.....	Visible from all points seaward except where intercepted by high land of Denman and Hornby Islands. To clear Maple Bank in coming down Baynes Sound, light must not be brought to bear northward of E. by N. $\frac{1}{2}$ N. Light bearing S.W. clears dangers off S. E. side of Hornby Island.	1192

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