

*Description of Lighthouse and Number of Buildings at this Station.*

The lighthouse is a circular stone building, clapboarded, and painted white, with a red roof. In connection with it there are also ten other buildings, comprising:—

- One powder magazine, built of fire brick ;
- One oil shed, built of wood and painted white, with a red roof ;
- One fog-gun house, built of wood and painted white ;
- One stable, built of wood and painted white ;
- Two small store sheds, built of wood and painted white.
- One dwelling-house, built of fire brick ;
- One store shed, built of wood and painted white, and situated at the landing stage ;
- One house of refuge for shipwrecked mariners, built of wood and painted white, and situated half-way between the landing stage and the lighthouse ;
- One provision dépôt also for the use of shipwrecked mariners, built of wood and painted white, and is supplied with 15 barrels of flour, seven barrels of pork, five barrels of peas, sugar and tea, 12 each of pea jackets, pants, drawers, socks, caps, comforters, flannel shirts, mittens, boots, six pair of snow shoes and moccasins, 12 blankets and two cases of preserved meats. These are renewed as occasion requires. The keeper is furnished with a horse to draw fuel, water and supplies. The provisions were inspected and a renewal of the provisions found to be necessary, which will be done this fall.

## REPORT OF ICE IN THE STRAITS OF BELLE ISLE, 1877-1878.

- November 5th, 1877.—Steamship "Peruvian" outward at 4 p.m.
- November 11th.—Steamship "Manitoban" inward at noon; last steamer seen this fall.
- December 29th.—A small quantity of ice drove out from north east to westward of the Island.
- December 31st.—A good deal of ice in the Straits to the westward of the Island; very little to east.
- January 7th, 1878.—Fresh breeze from the west during the past week, driving all the ice out to sea.
- January 15th.—Straits covered with slab ice.
- January 20th.—Slab ice driving out.
- January 25th.—Slab ice scattered in the Straits, but very thin.
- January 28th.—Large sheets of frozen slab ice in the Straits.
- January 31st.—Very little ice in the Straits.
- February 5th.—A good deal of ice driven out from north-east; heaviest ice that has been in the Straits this winter to date; also 11 icebergs.
- February 10th.—All the heavy ice and icebergs driven out to sea by the late west wind.
- February 18th.—Very little ice in the Straits.
- February 19th and 20th.—Strong breeze from north; a good deal of ice drove out.
- February 27th.—Very little ice in the Straits; all the heavy ice driven out to sea.
- March 2nd.—Thermometer 15 below zero; Straits covered with slab ice.
- March 7th.—Clear water from here to south shore; some ice to west, mostly slab ice; a good deal of open water amongst it; about 13 miles to east there appears to be heavy ice from east to S.S.E., but to south, as far as can be seen, is open water.
- March 11th and 12th.—Strong gales from N.N.W.; a good deal of ice drove out; more ice in the Straits than has been at any time this winter; greatly broken up by heavy swell through it, from late gale.
- March 14th.—Straits covered with heavy and slab ice; no clear water to be seen; up to this date there was no ice in the Straits that would impede a steamer constructed for winter navigation to pass through the Straits.