

MIDJIC BLUFF.

Lat. 45° 6' 53" N. ; Long. 66° 54' 30" W.

I visited this Station on the 26th August. The light is carefully maintained ; there are three mammoth flat-wick burners in use at this lighthouse. Two panes of glass in the lantern were cracked, but not sufficiently damaged to be removed.

It was found that the Indian rubber lining put in back of the last pane had worked nicely, and the pane had not been cracked in setting as were some of the others, both at this and other stations, but has remained perfect. It is considered that since more of the woods have been cut away, that an additional burner would be an advantage to this Station ; this I will have attended to. A small bridge required to be replaced on the road, which I agreed to pay \$3 for when completed, and to make a further small consideration on their removing a body of trees still obstructing the light to the southwest.

SAND REEF LIGHTHOUSE (PASSAMAQUODDY BAY.)

Lat. 45° 3' 45" N. ; Long. 67° 0' 50" W.

I visited this lighthouse on the 24th August, when the supplies were landed from the "Newfield."

In January last I received the following letter from Mr. Jas. Clark, the keeper : "The gale of the 11th instant carried away part of my wood, and ripped up the upper deck on the northeast side ; I had the deck fastened down again. Lost the water-spout and all the water but one barrel. The spray went all over the top of the lighthouse. The stairs also gone."

This is the second time the stairs have been carried away ; the sea strikes with great power and force particularly on that side of the lighthouse block. I gave directions how I wished the stairs rebuilt, but they did not have the work done as I directed. I was surprised to see the size of the timber that was broken and smashed up, and the heavy iron bolts drawn and twisted as though they were threads. With this exception I found all in good condition.

Since writing the above, Mr. Gilley, a competent and reliable builder, has come here to see me on this subject, at the request of the keeper, and I forwarded to the Department at Ottawa a brief sketch of an improvement that we thought desirable to adopt, which would protect the main block, and give a safe landing at the stairs for boats, and enlarge the space on the top of the blocks, where storing room will be valuable.

As the light-keeper appears to be alarmed when a heavy storm arises, I think it would be advisable to have the dwelling-house secured more firmly to the block below by a few strong knees, which would prevent the tower from shaking, however strong the gale of wind may be.

SAINT ANDREW'S LIGHT.

Lat. 45° 3' 45" N. ; Long. 67° 0' 50" W.

The keeper of this light, Mr. Geo. Pendlebury, has long been at this station, and gives very great attention and care to his duties. The light is well maintained. A new platform covering is required in front of the dwelling-house, which at present is not safe. This I directed him to have done, the expense being small. Some repairs are needed on the tower to prevent a leak near the lantern, which will also be attended to.