

1887]

NAUTICAL ALMANAC.

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PICKFORD & BLACK, WOODBERRY COTTON DUCK, 1 TO 2.

.... S W part of St. Louis, fixed red light, visible 3 miles, 131 feet high.  
The buoy at the south-east extremity, of a red light, at the arrival or departure of the mails, or when required.

St. Marthe Point, St. Pierre, lat 14 44 N, lon 61 11 W, fixed white light, visible 5 miles.

Westward of former, fixed lights, visible 5 miles. Red to the northward, blue to the westward, and green to the southward. The white and blue lights in line lead to the anchorage.

.... Edge of the bank, St. Pierre Bay, fixed white light, visible 2 miles lighted on the day the mail is expected, and for three nights after if not arrived.

.... Carville Peninsula, Caracoli Mount,  $\frac{1}{2}$  mile inland, lat 14 46 N, lon 60 53 W, fixed white light, visible 12 miles, white tower, centre of lantern 410 feet high.

Dominica, I., (E.) Roseau Bay, extremity of Mole, lat 15 17 N, lon 61 24 W, fixed red light on a flag-staff. When mail steamer is expected.

Gaudaloupe, I., (Fr.) Petite Terre, 202 yards from eastern part, lat 16 10 N, lon 61 5 W, fixed white light, visible 15 miles, centre of lantern, 108 feet high, building 75 feet high.

.... Gozier Islet, lat 16 2 N, lon 61 29 W, fixed white light visible 7 miles.

.... Manroux Islet, lat 16 13 N, lon 61 31 W, fixed white light in lantern.

.... Point a Pitra. White light. When the mail is expected a red light is exhibited at the outer buoy; a white light at the buoy marking the reef at Cassan Island, and from a beacon on the shoal opposite Foulhole; and green lights at the buoys on the starboard side of the channel, and at the mooring buoy.

.... Port le Meule, lat 16 20 N, lon 61 20 W, fixed white light, visible 12 miles.

.... Basse Terre, on Mole, lat 16 0 N, lon 61 45 W, 2 fixed red lights, visible 9 miles.

Antigua, I., (E.) Sandy Island, lat 17 7 N, lon 61 54 W, fixed white light, visible 12 miles, 56 feet high, black wooden structure, height 53 feet. The light bearing S S W, clears Diamond Bank, and bearing N by E clears Hurst and Irish Banks, and shoals to the southward.

Mariagalante, I., Grand Bourg., lat 15 54 N, lon 61 17 W, fixed white light, visible 7 miles, centre of lantern 5 feet high.

Montserrat, I., (E.) On beach at Plymouth, lat 16 42 N, lon 62 13 W. A light from a lantern is shown when mail schooner is expected.

St. Christopher, I., (E.) On beach at Basse Terre, lat 17 18 N, lon 62 43 W, fixed red light, visible 4 miles, lighthouse wooden frame, 33 feet from base to vane, centre of lantern 37 feet high.

St. Martin Island, Old Fort of Amsterdam, Grande Bay, fixed white light, visible 8 miles, centre of lantern 150 feet high.

Sombrero, I., (E.) On the S E side of the Island, one-third its length from South Point, lat 18 36 N, lon 63 28 W, white light, revolving every minute, visible 20 miles, red open iron frame work, centre of lantern 150 feet high, height of structure 132 feet.

Virginia Islands, (Da.) St. Thomas, east side of entrance, Mohlenfel's Point, lat 18 19 N, lon 64 55 W, white fixed light, visible 12 miles, lighthouse white, centre of lantern 118 feet high.

Santa Cruz or St. Croix Island, (Da.) Frederickstadt Fort, lat 17 43 N, lon 64 53 W, fixed white light, visible 4 miles.

.... Christianstadt Fort, lat 17 45 N, lon 64 41 W, fixed white light.

Puerto Rico Island, (S.) Morro Point Port, San Juan, lat 18 29 N, lon 66 7 W, white fixed and flash light, a flash of 5 seconds duration every minute, visible 18 miles, centre of lantern 171 feet high, tower white, octagonal, iron.

.... Cape St. Juan, a red and white light revolving every two minutes, visible 17 miles.