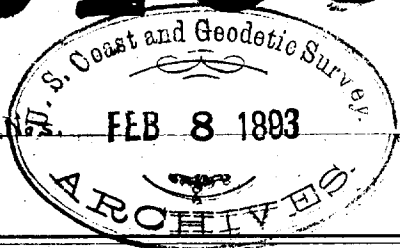


2130

83
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1892

Diag. Ch. No.
1209-2
1210-1



U. S. COAST AND GEODETIC SURVEY.

J. C. Mendenhall Superintendent.

State: *Massachusetts*

DESCRIPTIVE REPORT.

Hydrographic Sheet No. *2130*

LOCALITY:

Martha Vineyard
(South shore)
Natana to Great Riburg Pond

1892

CHIEF OF PARTY:

Henry L. Meridian Asst.

U. S. Coast and Geodetic Survey
 T. C. Mendenhall Sup^d
 Martha Vineyard, Mass
 Cross-Sections of South Shore
 from
 Katama to Great Tisbury Pond
 Surveyed by the Party of U. S. Mendenhall
 Assisted by Homer P. Ritter
 June 23 to July 27
 — 1892 —
 Scale $\frac{1}{10,000}$

Statistics

Date 1892	Tide	Number of				Vessel
		Yol	Angles	Sdgs	Miles	
June 23	a	1	200	747	6.4	Whale boat
July 6	b	1	316	820	11.0	"
" 7	c	1	220	660	7.4	"
" 27	f	2	136	516	4.6	"
<u>Total</u> Total	4	2	872	2743	29.4	

The shore is low, sandy, back of the beach extends a flat plain rising slightly inland. This plain is about 12 feet above High water at the shore line. The sandy shore intersects numerous ponds some of which have artificially opened outlets to the sea. The water in some of the smaller ponds remains fresh and seem to be fed in a measure by fresh water springs. The ponds artificially connected with the sea contain brackish water.

No vessel comes in sight of the shore. A few boats of the type "cat rigged" may be seen fishing for blue fish or Mackerel in season. The tidal currents set parallel to the shore, no specific current observations were made.

The changes in the shore line are a general retreat due to the action of storm waves.

The prevailing wind during summer time are from SW, in winter north Easterly to Easterly winds prevail.

A ship standing on this shore would probably remain some time before going to pieces. There are no life saving stations within the limits of the sheet. As quarantine stations no boarding stations. Fresh water could be obtained from some of the fresh water ponds but a landing could only be effected in the calmest weather.

The Martha's Vineyard Railroad has a terminal station at the western end of Katama Bay - here also is the shore end of the Nantucket submarine

cable, but telegams cannot be sent short
of Edgailown where telephone connection
is made with Binayan Haven and
Collage city - The nearest Post office
is Edgailown about 3 miles inland.

Respectfully Submitted
Harry L. Makindin
Assistant

Applied to 1210 Reconst. thru existing chart 1210 10/30/61 JMR
Applied to Chrt 261 (new) in part thru chrt. 346 (6-26-61) 10-9-61 G.R. Johnson