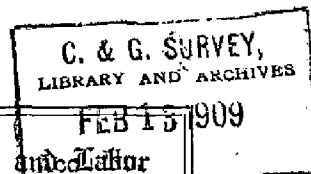
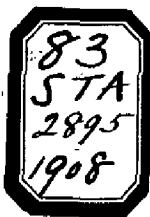


2895



Department of Commerce and Labor

COAST AND GEODETIC SURVEY

*O. H. Tittmann,*

Superintendent.

State: *Md*

DESCRIPTIVE REPORT.

*Topographic* Sheet No. *2895*

LOCALITY:

*Sinepuxent Bay and Up-  
per Part of Chincoteague Bay  
incl. the Ocean Beach from  
Ocean City to Winter Quarters*

*1908.*

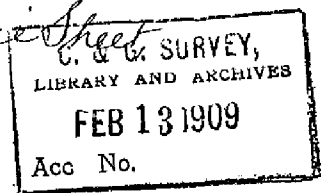
CHIEF OF PARTY:

*E. B. Latham.*

2895

# 2895

## Descriptive Report Topographic Sheet Number



Resurvey of Shore line, Chincoteague and Sinepuxent  
Bays and the Ocean Beach, From Robbins Marsh to  
North of Ocean City, July to October 1908.

This sheet is a resurvey of the shore line and the  
location of prominent objects on shore.

The area covered is low, extensive marshes exists  
along the shores and the wooded and cultivated  
lands are from 10 to 20 feet above mean high  
water.

The strip of narrow land between Sinepuxent  
Bay and the ocean beach consists of low sandhills  
with a flat bare sand between them and the  
ocean beach and low marshy lands on the bay  
side. There are a few scattered trees and some brush  
on the hills and the bay shores. South of Sine-  
puxent Bay this strip widens and there are  
some tracts of pine and cedar trees. The marshes  
are more extensive and have sand and other  
high spots on them. Numerous islands with  
some high land lay off the east side of Chincoteague  
Bay from near the North Beach life saving

station. The marshes on the eastern shores of  
 Annapuxent Bay Chesapeake Bay have a  
 layer of sand about one foot under the  
 surface, this layer of sand rests on a submerged  
 marsh, which probably extends under the entire  
 region and some distances off shore. Numerous  
 pieces of marsh mud and roots were observed  
 on the ocean beach, evidently thrown there from  
 seaward. From local report, cedar logs stumps  
 and roots, are found along the ocean beach after  
 heavy storms.

On the eastern shore of Annapuxent Bay the  
 shore is marsh from Drum point to below  
 Ocean City and vary in width from 100 to 1000  
 metres. There is quite extensive high shore  
 in the southern part of Annapuxent on its east side.  
 From Hawk point to the southern limits of the shore  
 the marshes are extensive extending back to the  
 high lands which are cultivated or wooded.

Twenty five percent of the available lands are  
 cultivated in corn, wheat, tomatoes and fruits.

The ocean beach is without indentations and  
 the changes in direction are gradual and in  
 easy curves. It consists of comparatively  
 soft sand, the beach below high water being

too soft for good driving with any but a very light vehicle.

Several lines of breakers exist along the whole of the shore. Landing in any but very calm weather would be dangerous. The low water line is shown by a dotted line. The marsh lines of the Bays are broken and notched.

The Life saving service have stations at Ocean City, Md and North Beach.

The sand dunes, about 12 feet in height, constantly shift in position and height.

The changes in location of the ocean beach are complicated. At Ocean City, the outer beach has shifted toward the west about 50 metres.

South of Ocean City, at the locality of the proposed artificial inlet the ocean beach has shifted to the westward 200 metres, between the surveys of 1849 and 1908. The shore of the bay here has moved westward about 280 metres, thus widening the strip of land here 80 metres.

To the southward the location of the ocean beach as determined by the surveys of 1849 and 1908 gradually approaches and become practically identical from a point 5 miles south of Ocean City to the southern limit of the sheet.

From local report and attached surveys made in June and compared with later work, it appears that the ocean beach probably changes its position as much as 50 metres during a very severe storm. The location is constantly changing, receding in N.E. and S.E. storms and growing by westerly winds blowing the sand off shore.

The eastern shore of Sinipuxent bay has grown toward the west, reaching the maximum about one mile north of Goose point. Comparison of the surveys of 1849 and 1908 indicate this to be 90 metres. There is reason to believe this growth to be gradual but it probably occurs by the sand washing across from the ocean beach and mud and vegetation gradually building above the water. From the lower end of Sinipuxent to the southern limit of the sheet, there has been but little change in the shores.

There are no manufacturing interest nor lines of boats between or from any points shown on this sheet.

Numerous small sail and power boats ply these waters in the fish and shell fish industry and hauling wood

The Baltimore Chesapeake and Atlantic Railroad from Ocean City, Md., with telegraph and telephone lines from Ocean City, and the stations of the life saving service are the means of communication.

Ocean City on the strip of land between the ocean beach and the northern end of Pinnepunt Bay has a summer population of about 5000 from July to September, there are numerous hotels and boarding houses. This is the only resort or boarding place of the region.

No opportunity offered to note the condition of the roads on the main land, from the bay and its shores numerous new houses appear and there are probably many changes in the roads and outlines of the cultivated areas.

There is a road, or more properly speaking a drive way down the beach from Ocean City, Md. to Fishing Point on the southern end of Assateague Island.

There is submitted with the sheet a list of positions and elevations of points determined during the resurvey of the shore line.

E. B. Satcham

Assist. C&G Survey, Chief of Party

# Plane Table Positions

Topographic Sheet Number. 2895

Resurvey of the shore line, Annapolis and Chesapeake Bays and the Ocean Beach

From Robbins Marsh to Near Ocean City, Md.

Objects	Latitude	D.M.	Longitude	D.P.	Height	Remarks
Plane Table	37 07	434	75 11	652	1	Terra cotta pipe, 4 in.
Tree	38 09	1020	75 11	490	-	Very small tree
Tree	38 10	1126	75 11	1350		Bush
Hawk's Nest	38 10	1222	75 10	828	27	Fish hawk nest in dead tree.
Tree	38 12	270	75 10	1122		Pine, southwestern end of woods.
House	37 11	832	75 09	1242		Center of chimney.
Plane Table	38 07	164	75 09	1446	1	Terra cotta pipe, 4 in.
Plane Table	38 07	842	75 09	1046	1	4 in. Terra cotta pipe.
Tree	38 12	1806	75 09	402	12	Small pine
House	38 14	1176	75 08	334		Southwest end.
Tree	38 15	648	75 07	1268	18	Small pine (top)
Plane Table	38 15	614	75 07	1382	1	4 in. Terra cotta pipe.
House	38 19	1386	75 05	1106	35	North chimney, yellow, on hill
Windmill	38 18	1178	75 07	170	75	Center of head.
House	38 17	1576	75 08	316	37	North chimney.
House	38 17	962	75 08	468	39	North chimney
House	38 17	276	75 08	1108	38	Northeast chimney, brick house
House	38 17	576	75 08	1064	41	Franklin's, white house, red top, top north chimney
House	38 16	146	75 08	1046	49	North chimney of old brick (top)
House	38 14	1400	75 09	968	51	Top north chimney (white) (marked hawk's nest on chart 128)
Tree	38 13	1826	75 10	296		Small tree, on marsh marked with A.
House	38 13	696	75 11	968	28	North chimney, small white (top)

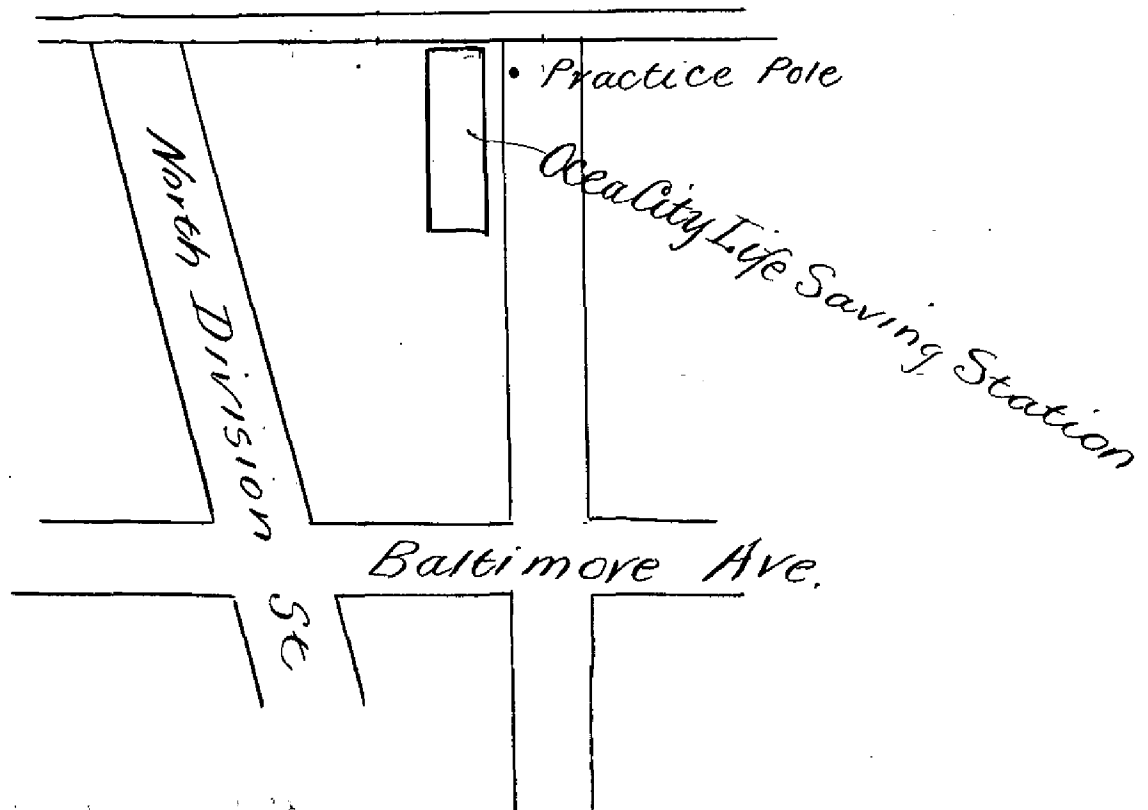
Objects	Latitude	D.M.	Longitude	D.P.	Height	Remarks
House	38 12	1718	75 11	822	48	Top of chimney.
Tree	38 12	1456	75 11	1438	18	Lone, marked with Δ.
Hawk Nest	38 13	234	75 11	1414	49	Hawk nest in large tree.
Plane Table	38 15	380	75 11	1260	0	4 m. terra cotta pipe
House	38 15	1688	75 12	710		Cent. of large yellow (approx.)
House	38 15	1134	75 12	754		Top north chimney old white.
Big Tree	38 14	602	75 13	962		
House	38 14	530	75 13	1114		North end, white top of chimney.
House	38 13	1536	75 15	286	47	South east chimney (top)
Wind Mill	38 13	272	75 15	846	72	Center wheel (Gordon Jones place).
Lone Tree	38 13	54	75 15	100	35	Pine
House	38 12	1042	75 15	968	31	Top of chimney, white, with porch.
House	38 11	1542	75 15	922		Top of chimney, north end.
P. J.	38 11	682	75 15	300	1	4 in. terra cotta pipe.
House	38 11	78	75 15	1384	25	Top of chimney, north end.
Windmill	38 11	28	75 16	404	73	Center of wheel.



North (approx)



Rec'd with letter 228(09)  
on file in Drawing Section



House is probably shown on Sheet 2895  
and can be identified as it is the  
only house in the block, on its east  
end. (immediately on the shore)

Sketch showing  
Ocean City Maryland L.S.S.  
for identification of its  
position on Topographic Sheet  
No 2895- of 1903. E. B. Latham