
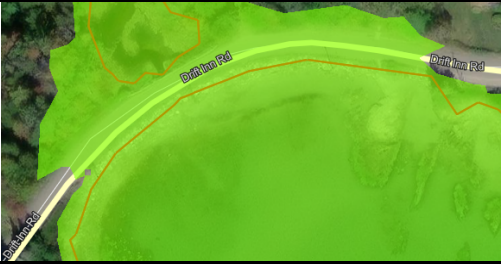







## Study of Town, State, and Private Roads Vulnerable to Sea Level Rise in St. George

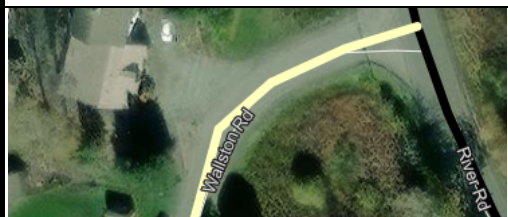

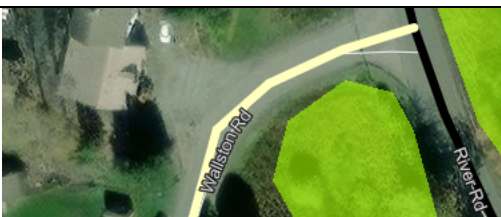
1. Town: Drift Inn Beach Road					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			4	1	4




2. Town: Turkey Cove Road					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			4	5	3


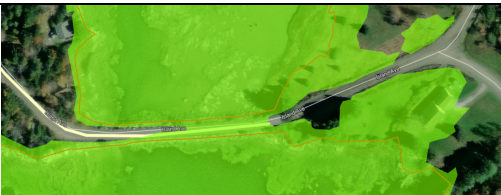

### 3. Town: Wallston Road near Taylors Point Road



HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			2	4	1




### 4. Town: Intersection of Wallston and River Road




HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			0	0	0




5. Town: Harrington Cove Road					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			5	3	5




6. Town: Rackliff Island Causeway					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			4	5	5




7. Town: Factory Road					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			3	2	3




8. Town: Cold Storage Road					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			4	3	4


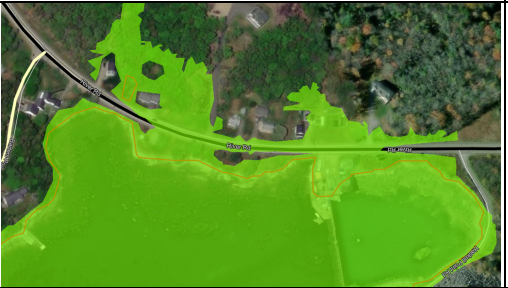

9. Town: Horse Point Road					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			3	3	3



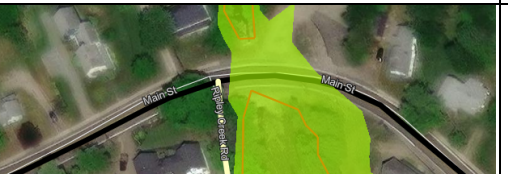
10. Town: Marshall Point Road					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			2	3	3


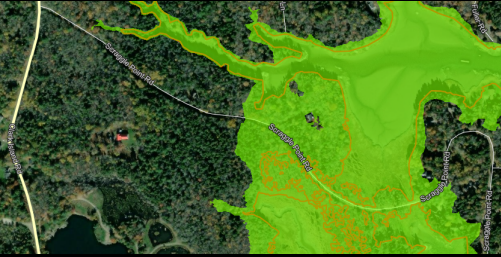
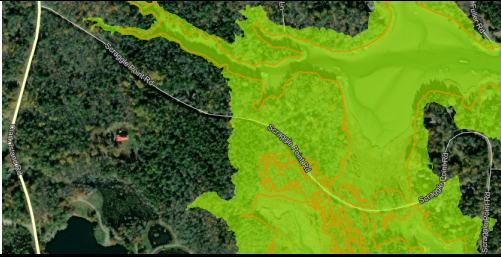
11. Town: Drinkwater Wharf Road (off Patten Point Road)					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			2	1	1




12. Town: Cline Road - southern end					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			3	2	3




13. State: Route 131 at Martinsville Mill Pond					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			5	5	5




14. State: Route 131 by Wildcat					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			5	5	4


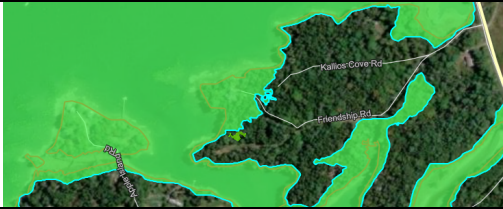

15. State: Route 131 by Ripley Creek					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			2	5	3




16. Private: Scraggle Point Road (off Clark Island Road)					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			5	3	4

17. Private: Beach Point Road and Birch Lane (off Route 131)					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			5	3	4

18. Private: Co-Op Road (off Route 131)					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			5	3	4

19. Private: Otis Point Road (off Turkey Cove Road)					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			3	2	3

20. Private: Apple Island Road, Kallios Cove Road and Friendship Road (off Turkey Cove Road)					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			4	2	3

21. Private: Clark Island Road					
HAT + 1.6 ft	HAT + 3.9 ft	HAT + 6.1 ft	Vuln'	Impact	Cost
			5	2	5

**General Notes:**

- a) All results have been taken using the Advanced Sea Level Rise Viewer developed by L. vanVuuren, Knox County EMA from Maine Geological Survey elevation data. <<https://stgeorgemaine.com/advanced-slr-viewer>>
- b) In the images, State roads are shown as thick black lines, Town roads as thick ivory lines and Private roads as thin white lines; see for example 11. Cold Storage Road.
- c) For this study, vulnerability, impact and cost estimates are on a scale of 0 to 5, where 5 is the most concerning and 0 the least.
- e) Vulnerability based on impact of SLR, e.g V=5 when road is significantly flooded at HAT + 3.9 ft
- e) Impact based on emergency response, peninsula evacuation, etc.
- F) Costs are rough relative estimates, e.g. C=5 for a bridge across Rackliff Island Causeway, compared to C=1 to fix flooding at Wallston Road near Taylors Point Road.

**Road Notes:**

- 1.
- 2.
- 3.
- 4. Intersection of Wallston and River Road
  - no issue
- 5. Harrington Cove Road
  - at HAT + 3.9 ft in additional, surrounding private roads are flooded
  - at HAT + 6.1 ft in additional part of State Route 73 and Cline Road are flooded
- 6. Rackliff Island Causeway
  - Town Road extends just to island
- 7.

## 8. Cold Storage Road

- at HAT + 1.6 ft private portion of Cold Storage Road is flooded

9.

10.

11.

12.

13.

## 14. State Route 131 by Wildcat

- at HAT + 6.1 ft in additional part of Haskell Point Road is flooded

## 15. Route 131 by Ripley Creek

- at HAT + 6.1 ft in additional private portion of Ripley Creek Road is flooded

16.

17.

## 18. Co-op Road

- at HAT + 1.6 ft far end of the road is flooded

19.

20.

21.