

**Table 1. Size (hectares) of and ice characteristics since 2000 for estuaries and coastal ponds surveyed in southeast New England from 1988-2013. (ranked by total area)**  
**OW = open water**  
**SM = salt marsh**

Site	System Classification	hectares			mean % ice per site		mean hectares ice per site	
		OW	SM	Total	Dec	Jan	Dec	Jan
<b>10B</b>	<b>Free-Flowing Estuaries</b>							
	Westport River (E)	<b>721</b>	<b>338</b>	<b>1059</b>	<b>6</b>	<b>49</b>	<b>60</b>	<b>517</b>
	The Let	239	233	472	2	40	11	191
	South of Hix bridge	373	10	383	3	55	13	212
	North of Hix bridge	109	95	204	18	56	36	114
<b>10A</b>	Westport River (W)	<b>501</b>	<b>100</b>	<b>601</b>	<b>10</b>	<b>43</b>	<b>58</b>	<b>259</b>
	West Branch	315	71	386	14	64	53	246
	Harbor	186	29	215	2	6	5	13
<b>1</b>	Apponagansett Bay	<b>229</b>	<b>113</b>	<b>342</b>	<b>2</b>	<b>40</b>	<b>6</b>	<b>138</b>
<b>7</b>	Slocums River	<b>162</b>	<b>146</b>	<b>309</b>	<b>2</b>	<b>6</b>	<b>5</b>	<b>19</b>
<b>6</b>	Little River	<b>36</b>	<b>71</b>	<b>107</b>	<b>12</b>	<b>59</b>	<b>13</b>	<b>63</b>
	<b>Subtotal Hectares and % ice</b>	<b>1649</b>	<b>768</b>	<b>2418</b>	<b>6</b>	<b>41</b>	<b>142</b>	<b>996</b>
	<b>Unrestricted salt marshes</b>							
<b>9</b>	Allens Pond	<b>67</b>	<b>91</b>	<b>158</b>	<b>18</b>	<b>51</b>	<b>28</b>	<b>81</b>
<b>20</b>	Sapowet Wildlife Refuge	<b>31</b>	<b>94</b>	<b>125</b>	<b>11</b>	<b>53</b>	<b>14</b>	<b>66</b>
	Sapowet Marsh	16	86	102	12	53	12	54
	Sapowet Point.	5	5	10	10	50	1	5
	Jack Island Pond	6	1	7	t	57	t	4
	Ruecker Ref	4	2	6	17	50	1	3
<b>3</b>	Meadow Shores Marsh	<b>1</b>	<b>17</b>	<b>18</b>	<b>28</b>	<b>61</b>	<b>5</b>	<b>11</b>
<b>18</b>	Fogland Marsh	<b>2</b>	<b>6</b>	<b>8</b>	<b>13</b>	<b>50</b>	<b>1</b>	<b>4</b>
	<b>Subtotal Hectares and % ice</b>	<b>101</b>	<b>208</b>	<b>309</b>	<b>16</b>	<b>52</b>	<b>48</b>	<b>162</b>
	<b>Human-made restrictions</b>							
<b>19</b>	Nonquit Pond	<b>87</b>	<b>2</b>	<b>89</b>	<b>10</b>	<b>53</b>	<b>9</b>	<b>47</b>
<b>21</b>	Nannaquaket Pond	<b>80</b>	<b>1</b>	<b>81</b>	<b>5</b>	<b>65</b>	<b>4</b>	<b>53</b>
<b>11</b>	Cockeast Pond	<b>43</b>	<b>2</b>	<b>45</b>	<b>18</b>	<b>73</b>	<b>8</b>	<b>33</b>
<b>2</b>	Nonquit Marsh	<b>2</b>	<b>21</b>	<b>23</b>	<b>52</b>	<b>78</b>	<b>12</b>	<b>18</b>
<b>8</b>	Georges Pond	<b>5</b>	<b>1</b>	<b>6</b>	<b>33</b>	<b>83</b>	<b>2</b>	<b>5</b>
	<b>Subtotal Hectares and % ice</b>	<b>217</b>	<b>27</b>	<b>244</b>	<b>14</b>	<b>64</b>	<b>35</b>	<b>156</b>
	<b>Intermittently flooded</b>							
<b>13</b>	Quicksand Pond	<b>173</b>	<b>t</b>	<b>173</b>	<b>6</b>	<b>72</b>	<b>11</b>	<b>124</b>
<b>15</b>	Briggs Marsh	<b>94</b>	<b>25</b>	<b>119</b>	<b>22</b>	<b>69</b>	<b>26</b>	<b>82</b>
<b>16</b>	Long Pond	<b>18</b>	<b>28</b>	<b>46</b>	<b>15</b>	<b>67</b>	<b>7</b>	<b>31</b>
<b>4</b>	Salters Pond	<b>18</b>	<b>3</b>	<b>21</b>	<b>29</b>	<b>76</b>	<b>6</b>	<b>16</b>
<b>17</b>	Round Pond	<b>20</b>	<b>t</b>	<b>20</b>	<b>15</b>	<b>65</b>	<b>3</b>	<b>13</b>
<b>12</b>	Richmond Pond	<b>18</b>	<b>2</b>	<b>20</b>	<b>15</b>	<b>80</b>	<b>3</b>	<b>16</b>
<b>17a</b>	Heffenreffer Pond	<b>0.6</b>	<b>1</b>	<b>2.0</b>	<b>50</b>	<b>100</b>	<b>1</b>	<b>2</b>
	<b>Subtotal Hectares and % ice</b>	<b>342</b>	<b>59</b>	<b>401</b>	<b>14</b>	<b>71</b>	<b>57</b>	<b>284</b>
	<b>Freshwater Ponds</b>							
<b>14</b>	Tunipus Pond	<b>28</b>	<b>t</b>	<b>28</b>	<b>14</b>	<b>75</b>	<b>4</b>	<b>21</b>
<b>5</b>	Teal Pond	<b>5</b>	<b>10</b>	<b>15</b>	<b>33</b>	<b>80</b>	<b>5</b>	<b>12</b>
	<b>Subtotal Hectares and % ice</b>	<b>33</b>	<b>10</b>	<b>43</b>	<b>21</b>	<b>77</b>	<b>9</b>	<b>33</b>
	<b>Total Hectares and % ice</b>	<b>2342</b>	<b>1072</b>	<b>3415</b>	<b>9</b>	<b>48</b>	<b>291</b>	<b>1631</b>
		<b>OW</b>	<b>SM</b>	<b>Total</b>	<b>Dec</b>	<b>Jan</b>	<b>Dec</b>	<b>Jan</b>
		<b>hectares</b>			<b>mean % ice</b>		<b>mean hectares ice per site</b>	