



49	South end of old children's holiday camp – Rolston	0.31	4.67	0.00	0.00	0.00	0.00	0.00	0.00	4.71	0.00	0.00	0.00	1.23	0.00	0.00	2.64	0.00	3.04	0.00	2.21		0.00	0.17	1.92	<b>2.09</b>	<b>4.71</b>
50	North of Mappleton	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.64	0.00	1.44	1.64	0.00	0.00	1.72		0.00	0.27	0.64	<b>0.92</b>	<b>2.64</b>	
51	Mappleton – north of defences	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	<b>0.11</b>	<b>0.98</b>	
52	South of Mappleton	2.76	0.00	0.00	0.00	0.00	3.66	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.00	3.28	0.00	0.00	1.89		5.67	0.67	0.68	<b>1.35</b>	<b>3.66</b>	
53	Between Mappleton and Cowden	2.17	4.21	0.66	0.86	0.00	0.00	1.11	0.95	0.00	0.00	4.18	2.02	0.00	0.00	0.00	0.00	0.00	3.86	2.68		4.18	1.33	1.19	<b>2.52</b>	<b>4.21</b>	
54	North of Eelmere Lane – Cowden	0.00	7.75	2.53	1.46	0.00	0.00	0.00	0.00	0.00	0.00	1.08	3.66	0.00	2.02	0.00	0.00	0.00	0.00	0.00		6.92	0.40	1.65	<b>2.06</b>	<b>7.75</b>	
55	South end of Cowden	0.00	2.51	2.85	0.00	2.65	1.60	0.91	0.00	0.00	0.00	0.00	4.95	1.79	2.33	0.00	0.00	0.00	3.12		0.00	0.91	1.61	<b>2.52</b>	<b>4.95</b>		
56	North end of MOD site – Cowden	0.59	0.00	0.39	0.00	0.00	0.00	2.72	0.89	0.00	0.00	0.00	0.00	0.00	3.21	0.00	0.00	0.00	0.00	0.00		0.00	0.41	0.46	<b>0.87</b>	<b>3.21</b>	
57	Within MOD site – Cowden	0.61	2.98	0.00	0.00	0.00	7.56	0.00	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.98		0.00	0.07	2.04	<b>2.11</b>	<b>7.56</b>		
58	Within MOD site – Cowden	2.50	1.68	0.00	0.00	0.00	0.81	0.33	3.50	0.00	0.00	5.71	1.60	0.00	0.00	0.00	0.00	0.00	0.52		0.00	0.95	0.90	<b>1.85</b>	<b>5.71</b>		
59	Within MOD site – Cowden	2.99	2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	1.33	0.00	3.02	0.00	0.00	0.00	0.00		1.71	0.39	0.79	<b>1.18</b>	<b>3.02</b>		
60	South end of MOD site – Cowden	0.84	0.58	0.79	0.00	0.00	0.00	12.30	0.00	0.00	0.00	1.20	0.75	0.00	0.00	1.37	0.00	4.54	0.00		0.00	2.34	0.15	<b>2.49</b>	<b>12.30</b>		
61	South of MOD site Cowden	1.07	2.93	0.00	0.00	0.00	1.17	0.71	4.28	0.00	0.00	0.00	0.41	0.00	0.00	0.00	3.34	0.00	1.34		0.00	0.20	1.50	<b>1.69</b>	<b>4.28</b>		
62	North of Aldbrough	0.00	0.32	0.55	7.58	0.00	3.66	0.94	5.04	0.00	0.00	0.00	4.88	0.00	0.00	0.00	0.77	0.00	0.00		0.00	0.17	2.47	<b>2.64</b>	<b>7.58</b>		
63	South of Aldbrough	0.00	0.00	0.00	4.89	0.00	0.00	0.00	2.52	0.00	0.00	8.04	2.78	0.00	0.00	1.37	0.00	0.00	0.00		0.00	1.05	1.13	<b>2.18</b>	<b>8.04</b>		
64	North of Hill Top Farm – south of Aldbrough	0.36	2.00	0.00	0.00	0.00	2.32	0.00	1.91	0.00	0.00	2.83	0.00	3.83	6.69	2.38	0.94	0.00		0.00	0.00	1.36	1.23	<b>2.58</b>	<b>6.69</b>		
65	South of Hill Top Farm – south of Aldbrough	8.25	2.04	0.00	3.62	0.00	0.00	2.27	0.84	0.00	0.00	0.00	2.81	8.17	0.00	0.00	0.00	0.00	1.96		0.00	2.08	1.25	<b>3.33</b>	<b>8.25</b>		
66	Opposite East Newton	0.41	5.02	1.11	5.07	2.53	0.00	1.88	1.09	0.00	0.00	0.00	0.00	2.20	0.00	1.19	0.00	0.88		0.82	1.04	1.34	<b>2.38</b>	<b>5.07</b>			
67	Between East Newton and Ringbrough	0.00	3.22	0.71	6.23	0.00	4.61	0.00	1.62	0.00	0.00	0.00	0.00	1.35	2.09	0.00	0.00	1.56	1.79		3.80	0.40	2.17	<b>2.58</b>	<b>6.23</b>		
68	Opposite Ringbrough	0.00	0.00	0.59	4.15	1.64	7.20	0.00	0.00	0.00	0.00	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.61	1.26	<b>1.88</b>	<b>7.20</b>		
69	South of Ringbrough	2.74	1.51	0.00	0.00	0.00	0.00	0.00	3.48	0.00	0.00	0.00	0.00	0.00	2.46	0.00	0.00	0.00	0.00		0.00	0.30	0.83	<b>1.13</b>	<b>3.48</b>		
70	South of Ringbrough	0.00	6.68	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	6.96	2.37	0.00	1.75	0.00	2.41	0.00	0.00		0.00	0.77	1.50	<b>2.27</b>	<b>6.96</b>		
71	North of Garton	3.12	8.15	0.00	0.00	0.00	3.61	0.00	0.00	0.00	0.00	0.00	0.89	2.22	3.59	0.00	1.59	0.00	0.00		0.00	0.59	1.98	<b>2.57</b>	<b>8.15</b>		
72	South of Garton	0.31	1.10	0.00	9.06	0.00	0.00	0.00	3.47	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00		5.40	0.42	1.24	<b>1.66</b>	<b>9.06</b>			
73	Opposite Grimston Park	0.44	6.38	1.30	3.21	0.00	0.00	1.81	0.86	0.00	0.00	1.07	1.94	0.00	9.46	0.00	2.21	0.00	0.00		5.27	0.51	2.67	<b>3.19</b>	<b>9.46</b>		
74	South of Grimston Park	1.18	0.00	0.00	2.98	0.51	6.38	0.00	0.00	4.80	0.00	1.31	0.00	1.58	0.00	0.00	3.82	0.00	1.09		0.64	1.04	1.59	<b>2.63</b>	<b>6.38</b>		
75	North of Hilston	5.72	0.00	0.00	0.00	0.00	0.00	1.39	2.60	0.00	1.35	3.77	0.00	2.73	0.00	0.00	1.04	0.00	1.82		1.59	1.51	0.76	<b>2.27</b>	<b>5.72</b>		
76	Opposite Hilston	2.92	2.75	1.44	0.00	1.42	0.00	1.28	0.00	0.00	1.04	2.23	2.68	3.66	1.05	0.00	0.00	0.00	0.00		0.00	1.44	0.84	<b>2.27</b>	<b>3.66</b>		
77	North of Pastures Lane – Tunstall	0.00	9.01	0.00	0.00	2.35	2.42	0.00	0.59	1.51	0.00	0.81	5.60	0.00	5.82	0.00	0.00	0.00	1.03		0.00	0.52	2.72	<b>3.24</b>	<b>9.01</b>		
78	North end of Pastures Lane – Tunstall	0.00	9.95	0.00	0.00	0.00	2.97	0.00	4.77	0.00	0.00	3.72	7.75	0.00	0.00	0.00	4.09	0.00	4.76		0.00	0.41	3.81	<b>4.22</b>	<b>9.95</b>		
79	Opposite Pastures Lane – Tunstall	1.46	0.00	0.00	0.00	0.00	2.50	0.00	2.87	0.00	0.00	0.00	4.81	0.00	0.00	4.03	3.84	0.00	6.32		0.00	0.61	2.26	<b>2.87</b>	<b>6.32</b>		
80	North of Tunstall	0.00	2.29	0.00	0.00	0.00	1.47	1.64	0.00	0.00	0.00	0.00	3.54	0.00	1.92	0.00	2.43	3.15	6.40		7.26	0.53	2.01	<b>2.54</b>	<b>6.40</b>		
81	South of Tunstall	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00	1.22	2.43	0.00	1.40	0.00	4.05	0.92	4.25		6.93	0.24	1.42	<b>1.66</b>	<b>4.25</b>		
82	North of Sand–le–Mere holiday village	4.14	1.84	0.67	0.00	0.00	0.00	0.72	0.00	0.00	0.00	1.19	0.00	0.93	1.16	0.00	0.88	1.13		6.29	0.76	0.65	<b>1.41</b>	<b>4.14</b>			
83	South of Sand–le–Mere holiday village	10.92	4.87	0.00	0.00	0.00	0.00	1.39	0.00	0.00	0.00	0.00	2.71	1.44	7.94	1.17	0.00	0.00	0.00		0.00	1.66	1.72	<b>3.38</b>	<b>10.92</b>		
84	South of Sand–le–Mere	2.31	8.81	0.91	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	3.30	1.75	0.00	0.00	0.00		0.00	0.55	1.41	<b>1.97</b>	<b>8.81</b>			
85	Opposite Redhouse Farm – Waxholme	1.12	4.42	2.26	9.21	0.00	2.99	0.00	0.00	1.34	0.00	0.00	2.15	0.00	0.00	0.00	0.00	0.00		0.00	0.52	2.09	<b>2.61</b>	<b>9.21</b>			
86	North of Waxholme	0.97	0.00	0.00	4.83	0.00	4.89	3.57	2.51	0.00	0.51	0.69	0.38	0.00	1.75	0.00	0.00	0.43	0.00		0.00	0.63	1.65	<b>2.28</b>	<b>4.89</b>		
87	South of Waxholme	1.69	0.00	0.00	0.00	0.00	0.00	7.23	3.36	0.00	2.30	0.00	2.00	0.00	2.15	0.00	0.00	0.00	0.00		0.00	0.99	1.09	<b>2.08</b>	<b>7.23</b>		
88	Between Waxholme and Withernsea	0.66	2.28	0.00	0.00	1.51	0.00	0.00	0.00	0.00	0.00	1.54	5.47	0.00	2.50	0.00	0.91	0.00	0.00		0.89	0.41	1.24	<b>1.65</b>	<b>5.47</b>		
89	North of Withernsea defences	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.26	1.80	0.00	0.00		4.43	0.14	0.20	<b>0.34</b>	<b>1.80</b>		
90	Withernsea frontage																										
91	Withernsea frontage																										
92	Withernsea frontage																										
93	Withernsea frontage																										
94	South of Turner Avenue – Withernsea	0.21	4.54	0.00	1.78	0.00	0.78	4.61	4.13	0.00	0.00	0.73	3.02	0.00	2.09	0.00	0.44	3.51	0.57		3.88	1.01	1.93	<b>2.93</b>	<b>4.61</b>		
95	South of Golden Sands holiday park – Withernsea	0.62	0.78	0.95	6.43	0.00	1.83	0.00	6.93	5.95	4.37	4.58	4.74	0.80	3.59	0.62	1.12	0.00	5.78		6.03	1.50	3.95	<b>5.45</b>	<b>6.93</b>		
96	North of Intack Farm – Hollym	0.00	0.99	0.68	6.96	1.26	4.52	0.87	1.73	2.11	6.84	1.25	4.08	1.38	5.27	0.00	0.40	0.00	4.09		10.18	0.84	3.88	<b>4.71</b>	<b>6.96</b>		

- 97 Opposite sewage works off Holmpton Road
- 98 North of Nevilles Farm – Holmpton
- 99 North of The Runnell – Holmpton
- 100 North of Holmpton village
- 101 Opposite Holmpton village
- 102 South of Holmpton village
- 103 South of Holmpton village
- 104 North of Out Newton
- 105 Opposite Out Newton
- 106 South of Out Newton
- 107 Dimlington High Land
- 108 South of Dimlington High Land
- 109 Between Dimlington High Land and Easington
- 110 Easington defences
- 111 Easington defences
- 112 Easington defences
- 113 South of Easington
- 114 Opposite Seaside Road – Easington
- 115 Easington/Kilnsea dunes
- 116 Easington/Kilnsea dunes
- 117 Easington/Kilnsea dunes
- 118 South end of Lagoon/Dune SSSI – Kilnsea
- 119 North of Godwin Battery site – Kilnsea
- 120 South of Blue Bell – Kilnsea
- 121 Between Kilnsea and Spurn
- 122 North end of Spurn
- 123 Neck of Spurn peninsula [lost December 2013]

0.59	0.00	0.00	2.08	2.72	9.41	2.04	0.76	0.00	0.62	1.68	1.89	0.00	0.99	0.00	2.67	0.00	0.00		5.82	0.78	2.05	<b>2.83</b>	<b>9.41</b>	
2.62	0.65	0.00	0.00	0.00	1.21	1.31	0.00	0.00	0.00	1.47	1.54	0.00	3.09	0.00	2.55	0.77	9.31		5.11	0.69	2.04	<b>2.72</b>	<b>9.31</b>	
18.84	6.21	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	0.00	0.00	0.00	2.42	0.00	0.00	0.00	0.80		6.50	2.09	1.21	<b>3.30</b>	<b>18.84</b>	
0.60	9.06	0.00	0.97	0.00	1.30	0.00	0.95	0.00	0.00	0.54	0.00	0.00	1.35	0.00	0.00	0.00	1.51		1.32	0.13	1.68	<b>1.81</b>	<b>9.06</b>	
1.44	1.33	1.52	2.36	0.00	1.53	0.00	0.00	0.00	1.03	0.00	4.13	0.00	1.91	0.00	0.00	0.00	0.00		0.00	0.33	1.37	<b>1.69</b>	<b>4.13</b>	
0.97	1.07	3.97	0.00	0.00	1.16	0.00	0.00	0.00	1.12	0.00	3.89	0.00	3.21	0.00	0.00	0.00	0.00		0.00	0.55	1.16	<b>1.71</b>	<b>3.97</b>	
0.63	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78	1.01	0.00	0.00	0.00	0.00	1.07	2.59		0.87	0.41	0.40	<b>0.81</b>	<b>2.59</b>	
0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.63	0.00	1.59	0.00	0.00	3.20	4.92	3.56		1.40	0.82	0.89	<b>1.71</b>	<b>4.92</b>	
0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		6.26	0.11	0.00	<b>0.11</b>	<b>0.97</b>	
4.75	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.04	0.00	4.01		0.00	0.59	0.89	<b>1.49</b>	<b>4.75</b>	
0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.41	1.23	0.00		0.00	0.18	1.27	<b>1.44</b>	<b>11.41</b>	
0.00	0.00	0.90	0.00	0.00	0.00	4.61	2.13	0.00	0.00	0.00	0.00	0.88	0.00	1.13	0.00	0.00	0.00		0.00	0.84	0.24	<b>1.07</b>	<b>4.61</b>	
0.93	1.10	0.24	0.00	0.00	1.04	0.00	0.54	0.00	0.00	0.00	0.00	1.66	0.95	0.00	0.00	0.00	0.00		0.00	0.31	0.40	<b>0.72</b>	<b>1.66</b>	
1.16	3.44	0.90	0.00	0.00	1.10	2.29	3.18	0.00	0.00	0.00	1.08	0.99	0.00	1.05	0.00	0.00	0.00		0.00	0.71	0.98	<b>1.69</b>	<b>3.44</b>	
0.00	2.83	0.66	0.00	0.00	4.17	0.00	0.97	0.00	1.07	0.00	1.91	0.00	3.93	0.00	0.00	0.00	0.00		0.00	0.07	1.65	<b>1.73</b>	<b>4.17</b>	
0.00	1.43	2.20	5.11	0.31	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.62	0.00	0.00	0.00	0.00	0.00		1.02	0.46	0.73	<b>1.18</b>	<b>5.11</b>	
0.00	1.38	0.00	2.14	0.00	5.84	0.00	0.00	0.00	0.00	0.00	0.00	1.82	0.52	0.00	1.07	0.00	0.00		0.00	0.20	1.22	<b>1.42</b>	<b>5.84</b>	
4.54	1.72	0.00	0.00	0.00	0.79	1.99	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00	3.45	0.00	1.68		5.28	0.73	0.96	<b>1.69</b>	<b>4.54</b>	
0.00	1.70	1.26	0.33	0.00	1.56	1.66	0.00	0.00	1.53	0.00	0.00	2.06	0.28	0.00	0.00	0.00	0.00		0.00	0.55	0.60	<b>1.15</b>	<b>2.06</b>	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	<b>0.00</b>	<b>0.00</b>	
0.90	0.00	1.94	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						0.32	0.09		<b>1.94</b>	
<i>1.15</i>	<i>1.64</i>	<i>0.44</i>	<i>0.90</i>	<i>0.17</i>	<i>1.13</i>	<i>0.63</i>	<i>0.91</i>	<i>0.23</i>	<i>0.34</i>	<i>0.67</i>	<i>1.22</i>	<i>0.33</i>	<i>1.13</i>	<i>0.29</i>	<i>0.61</i>	<i>0.26</i>	<i>0.90</i>							
<i>year</i>	<i>2.79</i>		<i>1.34</i>		<i>1.30</i>		<i>1.54</i>		<i>0.57</i>		<i>1.89</i>		<i>1.46</i>		<i>0.90</i>		<i>1.16</i>		<i>1.33</i>					
<i>seasonal averages for undefended cliff</i>	<i>1.35</i>	<i>1.92</i>	<i>0.52</i>	<i>1.05</i>	<i>0.20</i>	<i>1.32</i>	<i>0.74</i>	<i>1.07</i>	<i>0.26</i>	<i>0.40</i>	<i>0.79</i>	<i>1.43</i>	<i>0.38</i>	<i>1.33</i>	<i>0.35</i>	<i>0.72</i>	<i>0.31</i>	<i>1.06</i>						
<i>year</i>	<i>3.27</i>		<i>1.57</i>		<i>1.52</i>		<i>1.81</i>		<i>0.66</i>		<i>2.22</i>		<i>1.71</i>		<i>1.07</i>		<i>1.37</i>		<i>1.58</i>					
Autumn	Spring	Autumn	Spring	Autumn	Spring	Autumn	Spring	Autumn	Spring	Autumn	Spring	Autumn	Spring	Autumn	Spring	Autumn	Spring	no	Spring	Autumn	Spring	<b>YEAR</b>	<b>Max</b>	
2007	2008	2008	2009	2009	2010	2010	2011	2011	2012	2012	2013	2013	2014	2014	2015	2015	2016	survey	2017	32.24%	67.76%			
	[2007]		[2008]		[2009]		[2010]		[2011]		[2012]		[2013]		[2014]		[2015]		[2016]		[2007 to 2015]			

All values in metres

East Yorkshire coastal erosion  
Cliff loss data for the last ten years

Possible rounding differences

Prepared by Brian Williams, September 2017

Original data supplied by East Riding of Yorkshire Council

www.urbanrim.org.uk/data-last-ten-years

full  
year