

49	South end of old children's holiday camp – Rolston	0.00	2.64	0.00	3.04	0.00	2.21		0.00	3.20	3.49	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.00	0.00	0.51	1.26	1.77	3.49		
50	North of Mappleton	0.00	1.44	1.64	0.00	0.00	1.72		0.00	1.18	0.92	0.00	3.77	0.00	1.54	1.38	0.00	1.16	0.00	0.00	0.37	0.60	1.08	1.68	3.77	
51	Mappleton – north of 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
52	South of Mappleton	0.00	0.00	3.28	0.00	0.00	1.89		5.67	0.00	4.76	0.00	1.68	0.59	2.10	0.00	0.00	0.00	0.00	0.00	1.52	0.43	1.33	1.76	4.76	
53	Between Mappleton and Cowden	0.00	0.00	0.00	0.00	3.86	2.68		4.18	1.80	2.61	0.00	0.00	0.00	6.84	0.00	2.73	2.17	0.00	0.00	6.51	0.87	2.37	3.24	6.84	
54	North of Eelmere Lane – Cowden	0.00	2.02	0.00	0.00	0.00	0.00		6.92	0.00	0.00	1.90	1.35	0.45	2.71	0.00	2.78	0.00	1.30	0.00	8.33	0.26	2.05	2.32	8.33	
55	South end of Cowden	1.79	2.33	0.00	0.00	0.00	3.12		0.00	3.53	3.43	0.00	2.33	0.00	1.98	0.00	1.30	0.00	0.00	1.01	0.00	0.70	1.61	2.31	3.53	
56	North end of MOD site – Cowden	0.00	3.21	0.00	0.00	0.00	0.00		0.00	1.61	0.00	0.00	0.00	0.00	9.46	0.00	0.00	0.00	0.00	0.00	10.30	0.18	2.55	2.73	10.30	
57	Within MOD site – Cowden	0.00	0.00	0.00	0.00	0.00	6.98		0.00	0.00	1.74	0.00	0.00	3.32	2.73	0.00	0.00	0.00	0.78	0.00	0.80	0.37	1.45	1.82	6.98	
58	Within MOD site – Cowden	0.00	0.00	0.00	0.00	0.00	0.52		0.00	0.00	1.23	0.00	0.00	0.16	4.16	0.00	1.59	0.00	0.00	4.13	0.92	0.48	0.94	1.41	4.16	
59	Within MOD site – Cowden	0.00	3.02	0.00	0.00	0.00	0.00		1.71	0.00	2.15	1.37	0.00	0.00	0.00	1.97	0.00	0.00	0.00	0.00	2.10	0.37	0.81	1.18	3.02	
60	South end of MOD site – Cowden	0.00	0.00	1.37	0.00	4.54	0.00		0.00	1.44	1.87	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.89	0.21	1.09	4.54	
61	South of MOD site Cowden	0.00	0.00	0.00	3.34	0.00	1.34		0.00	0.00	0.00	0.00	0.00	4.46	1.60	1.60	0.00	0.00	0.00	0.00	0.00	0.67	0.70	1.37	4.46	
62	North of Aldbrough	0.00	0.00	0.00	0.77	0.00	0.00		0.00	0.00	1.66	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.08	0.27	0.35	1.66	
63	South of Aldbrough	0.00	0.00	1.37	0.00	0.00	0.00		0.00	0.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	4.20	0.26	0.59	0.85	4.20	
64	North of Hill Top Farm – south of Aldbrough	0.00	3.83	6.69	2.38	0.94	0.00		0.00	0.53	1.46	0.00	0.00	0.97	2.65	0.00	0.00	0.00	0.00	0.00	0.00	1.01	1.15	2.16	6.69	
65	South of Hill Top Farm – south of Aldbrough	8.17	0.00	0.00	0.00	0.00	1.96		0.00	0.00	0.87	0.00	0.00	0.00	7.03	0.00	0.00	0.00	0.00	0.00	0.00	0.91	1.10	2.00	8.17	
66	Opposite East Newton	2.20	0.00	1.19	0.00	0.00	0.88		0.82	0.00	2.40	0.00	0.00	0.77	1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.58	1.04	2.40	
67	Between East Newton and Ringbrough	1.35	2.09	0.00	0.00	1.56	1.79		3.80	0.00	2.27	0.00	0.00	0.00	2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.92	1.24	2.27	
68	Opposite Ringbrough	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	7.36	0.34	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.98	1.02	7.36	
69	South of Ringbrough	0.00	2.46	0.00	0.00	0.00	0.00		0.00	0.00	3.80	0.00	0.00	3.97	3.08	0.00	0.00	0.00	1.30	0.60	0.59	1.10	1.69	3.97	3.97	
70	South of Ringbrough	0.00	1.75	0.00	2.41	0.00	0.00		0.00	7.37	0.69	0.00	0.00	0.00	1.40	0.00	2.46	0.00	0.00	0.81	0.61	0.91	1.04	1.94	7.37	
71	North of Garton	2.22	3.59	0.00	1.59	0.00	0.00		0.00	1.22	6.70	0.00	0.00	0.00	0.00	1.56	0.00	0.00	0.00	0.00	0.00	0.56	1.32	1.88	6.70	
72	South of Garton	0.00	1.00	0.00	0.00	0.00	0.00		5.40	6.93	0.00	7.36	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	1.59	0.20	1.79	7.36	
73	Opposite Grimston Park	0.00	9.46	0.00	2.21	0.00	0.00		5.27	0.00	1.53	0.00	0.00	0.00	0.00	0.00	5.30	0.00	4.39	0.00	0.00	0.00	2.54	2.54	9.46	
74	South of Grimston Park	1.58	0.00	0.00	3.82	0.00	1.09		0.64	4.19	0.83	0.00	0.00	0.00	4.61	0.00	0.00	2.15	0.00	0.00	0.00	0.88	1.15	2.03	4.61	
75	North of Hilston	2.73	0.00	0.00	1.04	0.00	1.82		1.59	5.32	2.38	0.00	0.00	0.00	2.28	0.00	1.69	0.00	1.55	0.00	0.00	0.89	1.20	2.09	5.32	
76	Opposite Hilston	3.66	1.05	0.00	0.00	0.00	0.00		0.00	6.38	1.41	0.00	0.00	0.00	1.37	0.00	4.07	0.00	0.00	2.12	0.00	1.35	0.88	2.23	6.38	
77	North of Pastures Lane – Tunstall	0.00	5.82	0.00	0.00	0.00	1.03		0.00	1.28	0.72	0.00	3.59	0.00	0.91	0.00	0.00	7.52	2.51	0.00	1.83	0.98	1.82	2.80	7.52	
78	North end of Pastures Lane – Tunstall	0.00	0.00	0.00	4.09	0.00	4.76		0.00	0.00	1.36	0.00	0.00	0.00	0.00	0.00	0.00	4.80	2.81	0.00	0.31	1.67	1.98	4.80	4.80	
79	Opposite Pastures Lane – Tunstall	0.00	0.00	4.03	3.84	0.00	6.32		0.00	0.00	0.90	0.00	0.00	0.00	0.59	0.00	0.00	0.91	2.45	0.78	1.57	0.64	1.74	2.38	6.32	
80	North of Tunstall	0.00	1.92	0.00	2.43	3.15	6.40		7.26	0.00	1.04	0.00	0.00	1.49	2.36	0.00	0.00	1.02	0.00	0.00	2.64	0.63	1.87	2.49	6.40	
81	South of Tunstall	0.00	1.40	0.00	4.05	0.92	4.25		6.93	0.00	1.61	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.16	1.26	1.41	4.25	
82	North of Sand–le–Mere holiday village	0.00	0.93	1.16	0.00	0.88	1.13		6.29	4.03	5.27	0.00	0.00	0.00	1.41	0.00	1.19	0.00	3.24	0.00	0.00	0.67	1.46	2.14	5.27	
83	South of Sand–le–Mere holiday village	1.44	7.94	1.17	0.00	0.00	0.00		0.00	0.00	0.00	0.00	1.80	3.11	0.00	0.00	0.00	1.57	0.00	0.00	0.00	0.81	1.08	1.89	7.94	
84	South of Sand–le–Mere	0.00	3.30	1.75	0.00	0.00	0.00		0.00	0.00	4.42	0.00	2.31	7.50	4.70	2.28	6.27	0.73	0.00	0.00	1.24	1.36	2.47	3.83	7.50	
85	Opposite Redhouse Farm – Waxholme	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	2.23	0.00	5.09	0.00	2.84	0.65	0.30	0.07	1.16	1.23	5.09	
86	North of Waxholme	0.00	1.75	0.00	0.00	0.43	0.00		0.00	0.00	0.00	0.00	0.00	0.00	1.51	0.00	0.00	0.00	4.19	0.00	0.96	0.05	0.93	0.98	4.19	
87	South of Waxholme	0.00	2.15	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.55	0.00	0.00	0.00	0.00	0.00	2.01	0.00	0.00	0.06	0.46	0.52	2.15	2.15	
88	Between Waxholme and Withernsea	0.00	2.50	0.00	0.91	0.00	0.00		0.89	0.00	0.81	1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.47	0.60	2.50	
89	North of Withernsea defences	0.00	0.00	1.26	1.80	0.00	0.00		4.43	1.39	1.26	0.17	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00	0.42	0.34	0.76	1.80	
90	Withernsea frontage																									
91	Withernsea frontage																									
92	Withernsea frontage																									
93	Withernsea frontage																									
94	South of Turner Avenue – Withernsea [to 2019]	0.00	2.09	0.00	0.44	3.51	0.57		3.88	0.56	6.67	0.00	4.97	2.79	1.18							1.14	2.65	3.80	6.67	
95	South of Golden Sands holiday park – Withernsea	0.80	3.59	0.62	1.12	0.00	5.78		6.03	0.00	6.30	0.00	3.80	8.37	7.64	0.00	3.40	0.00	6.34	0.00	2.39	1.09	4.48	5.57	8.37	
96	North of Intack Farm – Hollym	1.38	5.27	0.00	0.40	0.00	4.09		10.18	0.00	6.31	0.00	4.62	3.08	3.14	0.00	4.69	1.41	12.90	0.00	2.16	0.65	4.84	5.49	12.90	

97	Opposite sewage works off Holmpton Road	0.00	0.99	0.00	2.67	0.00	0.00		5.82	2.74	6.84	1.55	4.83	4.11	1.78	0.00	2.57	2.57	12.47	2.88	2.62	1.54	3.86	5.40	12.47	
98	North of Nevilles Farm – Holmpton	0.00	3.09	0.00	2.55	0.77	9.31		5.11	0.00	3.82	0.00	0.00	5.50	1.47	2.64	1.96	0.00	3.92	2.53	6.07	1.27	3.58	4.85	9.31	
99	North of The Runnell – Holmpton	0.00	2.42	0.00	0.00	0.00	0.80		6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	2.19	0.00	0.91	0.09	0.70	0.79	2.42		
100	North of Holmpton village	0.00	1.35	0.00	0.00	0.00	1.51		1.32	2.66	1.81	0.45	0.63	0.00	2.50	0.00	0.00	1.22	0.00	0.00	0.00	0.48	0.87	1.35	2.66	
101	Opposite Holmpton village	0.00	1.91	0.00	0.00	0.00	0.00		0.00	0.00	4.08	0.00	0.57	0.59	0.00	2.28	1.26	1.56	0.00	0.82	0.00	0.58	0.87	1.45	4.08	
102	South of Holmpton village	0.00	3.21	0.00	0.00	0.00	0.00		0.00	0.00	0.00	1.84	0.00	0.00	3.40	0.00	6.37	0.00	5.51	1.23	0.00	0.34	2.05	2.40	6.37	
103	South of Holmpton village	0.00	0.00	0.00	0.00	1.07	2.59		0.87	0.00	0.00	0.00	0.89	0.00	5.23	0.00	2.11	0.00	1.60	0.00	1.60	0.12	1.56	1.68	5.23	
104	North of Out Newton	1.59	0.00	0.00	3.20	4.92	3.56		1.40	0.00	1.66	0.00	0.00	0.00	3.28	0.90	2.42	0.00	3.00	0.00	3.76	0.82	2.32	3.14	4.92	
105	Opposite Out Newton	0.00	0.00	0.00	0.00	0.00	0.00		6.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.11	0.00	4.99	0.00	2.73	0.00	1.31	1.31	4.99	
106	South of Out Newton	0.00	0.00	0.00	4.04	0.00	4.01		0.00	0.00	0.00	0.00	0.00	0.00	2.87	0.00	2.70	0.00	4.31	0.00	1.75	0.00	2.19	2.19	4.31	
107	Dimlington High Land	0.00	0.00	0.00	11.41	1.23	0.00		0.00	0.00	0.00	0.00	0.00	0.00	1.13	0.00	0.00	0.00	0.00	0.00	11.11	0.14	2.63	2.76	11.41	
108	South of Dimlington High Land	0.88	0.00	1.13	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	5.63	6.03	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.67	1.52	6.03	
109	Between Dimlington High Land and Easington	1.66	0.95	0.00	0.00	0.00	0.00		0.00	0.00	0.00	3.88	1.34	0.00	2.35	0.00	0.00	0.00	0.00	0.60	4.90	0.68	1.06	1.74	4.90	
110	Easington defences																									
111	Easington defences																									
112	Easington defences																									
113	South of Easington	0.99	0.00	1.05	0.00	0.00	0.00		0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.64	0.00	0.00	0.32	0.29	0.62	2.64	
114	Opposite Seaside Road – Easington	0.00	3.93	0.00	0.00	0.00	0.00		0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.44	0.44	3.93	
115	Easington/Kilnsea dunes																									
116	Easington/Kilnsea dunes																									
117	Easington/Kilnsea dunes																									
118	South end of Lagoon/Dune SSSI – Kilnsea	0.62	0.00	0.00	0.00	0.00	0.00		1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.07	0.62	
119	North of Godwin Battery site – Kilnsea	1.82	0.52	0.00	1.07	0.00	0.00		0.00	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.49	0.70	2.85	
120	South of Blue Bell – Kilnsea	0.00	1.04	0.00	3.45	0.00	1.68		5.28	0.00	0.00	0.00	0.00	1.29	1.23	1.11	0.0	0.83	0.00	0.00	0.00	0.36	0.82	1.18	3.45	
121	Between Kilnsea and Spurn	2.06	0.28	0.00	0.00	0.00	0.00		0.00	2.23	2.96	0.00	0.00	0.00	0.00	0.77	0.0	1.53	5.39	0.00	0.00	0.73	0.96	1.69	5.39	
122	North end of Spurn	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	3.80	0.00	0.00	0.00	0.00	0.00	0.0	0.00	4.82	0.00	0.00	0.00	0.96	0.96	4.82	
123	Neck of Spurn peninsula [lost December 2013]	0.00	0.00																			0.00	0.00	0.00	0.00	
	<i>seasonal averages for entire coast year</i>	0.33	1.13	0.29	0.61	0.26	0.90		0.56	1.22	0.21	0.40	0.56	1.18	0.18	0.73	0.41	1.04	0.22	0.84	0.34	0.89	1.23			
	<i>seasonal averages for undefended cliff year</i>	0.38	1.33	0.35	0.72	0.31	1.06		0.67	1.44	0.25	0.48	0.66	1.40	0.22	0.87	0.50	1.24	0.26	1.00	0.40	1.06	1.46			
			1.71		1.06		1.38		1.58		2.11		0.73		2.06		1.09		1.73		1.26		1.46			
	All values in metres	Autumn 2013	Spring 2014	Autumn 2014	Spring 2015	Autumn 2015	Spring 2016	no survey	Spring 2017	Autumn 2017	Spring 2018	Autumn 2018	Spring 2019	Autumn 2019	Spring 2020	Autumn 2020	Spring 2021	Autumn 2021	Spring 2022	Autumn 2022	Spring 2023	Autumn 2023	Spring YEAR	YEAR	Max	
		[2013]		[2014]		[2015]		[2016]		[2017]		[2018]		[2019]		[2020]		[2021]		[2022]			27.38%	72.62%		
																								averages		

full year

[excludes 2016]

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

Colour grading lowest (white) to highest (red) [excludes 2016]

Possible rounding differences

Prepared by Brian Williams, September 2023

Original data supplied by East Riding of Yorkshire Council

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