

## **Potential Water-Level Rise (feet) for Index Well-Reference Tables**

The below tables are applicable for all Index Well Depth to Water measurements starting in January 2022. These tables are currently available in draft form, and will be considered for approval by the Cape Cod Commission in February 2022

Due to changes in the well network, new tables with appropriate adjustments were required. Measurements collected prior to January 2022 should utilize the archived adjustment tables, which can be accessed at the High Groundwater web page:

<https://capecodcommission.org/our-work/estimating-high-groundwater-level>

Or using the following direct link:

[https://www.capecodcommission.org/resource-library/file/?url=/dept/commission/team/Website\\_Resources/waterresources/Archive Groundwater Adjustment Tables.pdf](https://www.capecodcommission.org/resource-library/file/?url=/dept/commission/team/Website_Resources/waterresources/Archive%20Groundwater%20Adjustment%20Tables.pdf)

### Potential Water-Level Rise (feet) for Index Well- Reference Table

Following Technical Bulletin 92-001, estimations of high groundwater levels are needed for construction and land use planning on Cape Cod. Using the appropriate index well and water-level range zone, water-level adjustment is provided, defined as Step 4 in the High Ground Water-Level Computation Form.

Index Well: **AIW231**

Index Well Depth to Water (feet below land surface)	Water-Level Range Zone Adjustments (ft)				
	Zone A	Zone B	Zone C	Zone D	Zone E
24.1	0	0	0	0	0
24.2	0.1	0.1	0.1	0.1	0.2
24.3	0.1	0.1	0.2	0.3	0.3
24.4	0.2	0.2	0.3	0.4	0.5
24.5	0.2	0.3	0.4	0.5	0.6
24.6	0.3	0.3	0.5	0.7	0.8
24.7	0.3	0.4	0.6	0.8	0.9
24.8	0.4	0.5	0.7	0.9	1.1
24.9	0.4	0.5	0.8	1.1	1.2
25.0	0.5	0.6	0.9	1.2	1.4
25.1	0.5	0.7	1	1.3	1.5
25.2	0.6	0.7	1.1	1.5	1.7
25.3	0.6	0.8	1.2	1.6	1.8
25.4	0.7	0.9	1.3	1.7	2
25.5	0.7	0.9	1.4	1.9	2.1
25.6	0.8	1	1.5	2	2.3
25.7	0.8	1.1	1.6	2.1	2.4
25.8	0.9	1.1	1.7	2.3	2.6
25.9	0.9	1.2	1.8	2.4	2.7
26.0	1	1.3	1.9	2.5	2.9
26.1	1	1.3	2	2.7	3
26.2	1.1	1.4	2.1	2.8	3.2
26.3	1.1	1.5	2.2	2.9	3.3
26.4	1.2	1.5	2.3	3.1	3.5
26.5	1.2	1.6	2.4	3.2	3.6
26.6	1.3	1.7	2.5	3.3	3.8
26.7	1.3	1.7	2.6	3.5	3.9
26.8	1.4	1.8	2.7	3.6	4.1
26.9	1.4	1.9	2.8	3.7	4.2
27.0	1.5	1.9	2.9	3.9	4.4
27.1	1.5	2	3	4	4.5
27.2	1.6	2.1	3.1	4.1	4.7
27.3	1.6	2.1	3.2	4.3	4.8
27.4	1.7	2.2	3.3	4.4	5
27.5	1.7	2.3	3.4	4.5	5.1
27.6	1.8	2.3	3.5	4.7	5.3
27.7	1.8	2.4	3.6	4.8	5.4
27.8	1.9	2.5	3.7	4.9	5.6
27.9	1.9	2.5	3.8	5.1	5.7

## Index Well: AIW231

Index Well Depth to Water (feet below land surface)	Zone A	Zone B	Zone C	Zone D	Zone E
28.0	2	2.6	3.9	5.2	5.9
28.1	2	2.7	4	5.3	6
28.2	2.1	2.7	4.1	5.5	6.2
28.3	2.1	2.8	4.2	5.6	6.3
28.4	2.2	2.9	4.3	5.7	6.5
28.5	2.2	2.9	4.4	5.9	6.6
28.6	2.3	3	4.5	6	6.8
28.7	2.3	3.1	4.6	6.1	6.9
28.8	2.4	3.1	4.7	6.3	7.1
28.9	2.4	3.2	4.8	6.4	7.2
29.0	2.5	3.3	4.9	6.5	7.4
29.1	2.5	3.3	5	6.7	7.5
29.2	2.6	3.4	5.1	6.8	7.7
29.3	2.6	3.5	5.2	6.9	7.8
29.4	2.7	3.5	5.3	7.1	8
29.5	2.7	3.6	5.4	7.2	8.1
29.6	2.8	3.7	5.5	7.3	8.3
29.7	2.8	3.7	5.6	7.5	8.4
29.8	2.9	3.8	5.7	7.6	8.6
29.9	2.9	3.9	5.8	7.7	8.7
30.0	3	3.9	5.9	7.9	8.9
30.1	3	4	6	8	9
30.2	3.1	4.1	6.1	8.1	9.2
30.3	3.1	4.1	6.2	8.3	9.3
30.4	3.2	4.2	6.3	8.4	9.5
30.5	3.2	4.3	6.4	8.5	9.6
30.6	3.3	4.3	6.5	8.7	9.8
30.7	3.3	4.4	6.6	8.8	9.9
30.8	3.4	4.5	6.7	8.9	10.1
30.9	3.4	4.5	6.8	9.1	10.2
31.0	3.5	4.6	6.9	9.2	10.4
31.1	3.5	4.7	7	9.3	10.5
31.2	3.6	4.7	7.1	9.5	10.7
31.3	3.6	4.8	7.2	9.6	10.8
31.4	3.7	4.9	7.3	9.7	11
31.5	3.7	4.9	7.4	9.9	11.1
31.6	3.8	5	7.5	10	11.3
31.7	3.8	5.1	7.6	10.1	11.4
31.8	3.9	5.1	7.7	10.3	11.6
31.9	3.9	5.2	7.8	10.4	11.7
32.0	4	5.3	7.9	10.5	11.9
32.1	4	5.3	8	10.7	12
32.2	4.1	5.4	8.1	10.8	12.2

Index Well: **AIW231**

Index Well Depth to Water (feet below land surface)	Zone A	Zone B	Zone C	Zone D	Zone E
32.3	4.1	5.5	8.2	10.9	12.3
32.4	4.2	5.5	8.3	11.1	12.5
32.5	4.2	5.6	8.4	11.2	12.6
32.6	4.3	5.7	8.5	11.3	12.8
32.7	4.3	5.7	8.6	11.5	12.9
32.8	4.4	5.8	8.7	11.6	13.1
32.9	4.4	5.9	8.8	11.7	13.2
33.0	4.5	5.9	8.9	11.9	13.4
33.1	4.5	6	9	12	13.5
33.2	4.6	6.1	9.1	12.1	13.7
33.3	4.6	6.1	9.2	12.3	13.8
33.4	4.7	6.2	9.3	12.4	14
33.5	4.7	6.3	9.4	12.5	14.1
33.6	4.8	6.3	9.5	12.7	14.3
33.7	4.8	6.4	9.6	12.8	14.4
33.8	4.9	6.5	9.7	12.9	14.6
33.9	4.9	6.5	9.8	13.1	14.7
34.0	5	6.6	9.9	13.2	14.9
34.1	5	6.7	10	13.3	15
34.2	5.1	6.7	10.1	13.5	15.2
34.3	5.1	6.8	10.2	13.6	15.3
34.4	5.2	6.9	10.3	13.7	15.5
34.5	5.2	6.9	10.4	13.9	15.6
34.6	5.3	7	10.5	14	15.8
34.7	5.3	7.1	10.6	14.1	15.9
34.8	5.4	7.1	10.7	14.3	16.1
34.9	5.4	7.2	10.8	14.4	16.2
35.0	5.5	7.3	10.9	14.5	16.4

### Potential Water-Level Rise (feet) for Index Well- Reference Table

Following Technical Bulletin 92-001, estimations of high groundwater levels are needed for construction and land use planning on Cape Cod. Using the appropriate index well and water-level range zone, water-level adjustment is provided, defined as Step 4 in the High Ground Water-Level Computation Form.

Index Well: **AIW247R**

Index Well Depth to Water (feet below land surface)	Water-Level Range Zone Adjustments (ft)			
	Zone A	Zone B	Zone C	Zone D
21.9	0	0	0	0
22	0.1	0.1	0.1	0.2
22.1	0.1	0.2	0.3	0.3
22.2	0.2	0.3	0.4	0.5
22.3	0.3	0.4	0.5	0.7
22.4	0.3	0.5	0.7	0.8
22.5	0.4	0.6	0.8	1
22.6	0.5	0.7	0.9	1.2
22.7	0.5	0.8	1.1	1.3
22.8	0.6	0.9	1.2	1.5
22.9	0.7	1	1.3	1.7
23	0.7	1.1	1.5	1.8
23.1	0.8	1.2	1.6	2
23.2	0.9	1.3	1.7	2.2
23.3	0.9	1.4	1.9	2.3
23.4	1	1.5	2	2.4
23.5	1.1	1.6	2.1	2.7
23.6	1.1	1.7	2.3	2.8
23.7	1.2	1.8	2.4	3
23.8	1.3	1.9	2.5	3.2
23.9	1.3	2	2.7	3.3
24	1.4	2.1	2.8	3.5
24.1	1.5	2.2	2.9	3.7
24.2	1.5	2.3	3.1	3.8
24.3	1.6	2.4	3.2	4
24.4	1.7	2.5	3.3	4.2
24.5	1.7	2.6	3.5	4.3
24.6	1.8	2.7	3.6	4.5
24.7	1.9	2.8	3.7	4.7
24.8	1.9	2.9	3.9	4.8
24.9	2	3	4	5
25	2.1	3.1	4.1	5.2
25.1	2.1	3.2	4.3	5.3
25.2	2.2	3.3	4.4	5.5
25.3	2.3	3.4	4.5	5.7
25.4	2.3	3.5	4.7	5.8
25.5	2.4	3.6	4.8	6
25.6	2.5	3.7	4.9	6.2
25.7	2.5	3.8	5.1	6.3
25.8	2.6	3.9	5.2	6.5
25.9	2.7	4	5.3	6.7
26	2.7	4.1	5.5	6.8

## Index Well: AIW247R

Index Well Depth to Water (feet below land surface)	Zone A	Zone B	Zone C	Zone D
26.1	2.8	4.2	5.6	7
26.2	2.9	4.3	5.7	7.2
26.3	2.9	4.4	5.9	7.3
26.4	3	4.5	6	7.5
26.5	3.1	4.6	6.1	7.7
26.6	3.1	4.7	6.3	7.8
26.7	3.2	4.8	6.4	8
26.8	3.3	4.9	6.5	8.2
26.9	3.3	5	6.7	8.3
27	3.4	5.1	6.8	8.5
27.1	3.5	5.2	6.9	8.7
27.2	3.5	5.3	7.1	8.8
27.3	3.6	5.4	7.2	9
27.4	3.7	5.5	7.3	9.2
27.5	3.7	5.6	7.5	9.3
27.6	3.8	5.7	7.6	9.5
27.7	3.9	5.8	7.7	9.7
27.8	3.9	5.9	7.9	9.8
27.9	4	6	8	10
28	4.1	6.1	8.1	10.2
28.1	4.1	6.2	8.3	10.3
28.2	4.2	6.3	8.4	10.5
28.3	4.3	6.4	8.5	10.7
28.4	4.3	6.5	8.7	10.8
28.5	4.4	6.6	8.8	11
28.6	4.5	6.7	8.9	11.2
28.7	4.5	6.8	9.1	11.3
28.8	4.6	6.9	9.2	11.5
28.9	4.7	7	9.3	11.7
29	4.7	7.1	9.5	11.8
29.1	4.8	7.2	9.6	12
29.2	4.9	7.3	9.7	12.2
29.3	4.9	7.4	9.9	12.3
29.4	5	7.5	10	12.5
29.5	5.1	7.6	10.1	12.7
29.6	5.1	7.7	10.3	12.8
29.7	5.2	7.8	10.4	13
29.8	5.3	7.9	10.5	13.2
29.9	5.3	8	10.7	13.3
30	5.4	8.1	10.8	13.5
30.1	5.5	8.2	10.9	13.7
30.2	5.5	8.3	11.1	13.8
30.3	5.6	8.4	11.2	14
30.4	5.7	8.5	11.3	14.2
30.5	5.7	8.6	11.5	14.3
30.6	5.8	8.7	11.6	14.5
30.7	5.9	8.8	11.7	14.7

## Index Well: AIW247R

Index Well Depth to Water (feet below land surface)	Zone A	Zone B	Zone C	Zone D
30.8	5.9	8.9	11.9	14.8
30.9	6	9	12	15
31	6.1	9.1	12.1	15.2
31.1	6.1	9.2	12.3	15.3
31.2	6.2	9.3	12.4	15.5
31.3	6.3	9.4	12.5	15.7
31.4	6.3	9.5	12.7	15.8
31.5	6.4	9.6	12.8	16
31.6	6.5	9.7	12.9	16.2
31.7	6.5	9.8	13.1	16.3
31.8	6.6	9.9	13.2	16.5
31.9	6.7	10	13.3	16.7
32	6.7	10.1	13.5	16.8
32.1	6.8	10.2	13.6	17
32.2	6.9	10.3	13.7	17.2
32.3	6.9	10.4	13.9	17.3
32.4	7	10.5	14	17.5
32.5	7.1	10.6	14.1	17.7
32.6	7.1	10.7	14.3	17.8
32.7	7.2	10.8	14.4	18
32.8	7.3	10.9	14.5	18.2
32.9	7.3	11	14.7	18.3
33	7.4	11.1	14.8	18.5
33.1	7.5	11.2	14.9	18.7
33.2	7.5	11.3	15.1	18.8
33.3	7.6	11.4	15.2	19
33.4	7.7	11.5	15.3	19.2
33.5	7.7	11.6	15.5	19.3
33.6	7.8	11.7	15.6	19.5
33.7	7.9	11.8	15.7	19.7
33.8	7.9	11.9	15.9	19.8
33.9	8	12	16	20
34	8.1	12.1	16.1	20.2
34.1	8.1	12.2	16.3	20.3
34.2	8.2	12.3	16.4	20.5
34.3	8.3	12.4	16.5	20.7
34.4	8.3	12.5	16.7	20.8
34.5	8.4	12.6	16.8	21
34.6	8.5	12.7	16.9	21.2
34.7	8.5	12.8	17.1	21.3
34.8	8.6	12.9	17.2	21.5













































Index Well: **WNW17R**

Index Well Depth to Water (feet below land surface)	Zone A	Zone B	Zone C
16.2	4.1	5.5	8.2
16.3	4.2	5.5	8.3
16.4	4.2	5.6	8.4
16.5	4.3	5.7	8.5
16.6	4.3	5.7	8.6
16.7	4.4	5.8	8.7
16.8	4.4	5.9	8.8
16.9	4.5	5.9	8.9
17	4.5	6	9
17.1	4.6	6.1	9.1
17.2	4.6	6.1	9.2
17.3	4.7	6.2	9.3
17.4	4.7	6.3	9.4
17.5	4.8	6.3	9.5
17.6	4.8	6.4	9.6
17.7	4.9	6.5	9.7
17.8	4.9	6.5	9.8
17.9	5	6.6	9.9
18	5	6.7	10
18.1	5.1	6.7	10.1
18.2	5.1	6.8	10.2
18.3	5.2	6.9	10.3
18.4	5.2	6.9	10.4