# Tidal datums in Massachusetts, with estimates of the high tide line and their application in laws and regulations 

## Appendix B: Atlas of MLW, MHW, HTL and NGVD29

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MLW, MHW, HTL, and NGVD29
Elevations in ft NAVD88 $\begin{array}{lllll}0 & 5 & 10\end{array}$


MLW, MHW, HTL, and NGVD29<br>Elevations in ft NAVD88 $\overbrace{00.275}^{15}$



## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88



MLW, MHW, HTL, and NGVD29



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 



## MLW, MHW, HTL, and NGVD29 <br> 



## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88



\section*{MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 <br> |  | $\mid$ | $\mid$ | $\mid$ | $\mid$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0.275 | 0.55 |  |  | 1.1 |}



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



\section*{MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 <br> |  | $\mid$ | $\mid$ | $\mid$ | $\mid$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0.275 | 0.55 |  |  | 1.1 |}



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



\section*{MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 <br> |  | $\mid$ | $\mid$ | $\mid$ | $\mid$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0.275 | 0.55 |  |  | 1.1 |}



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29

 Elevations in ft NAVD88

## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 $\overbrace{0}^{1}$



MLW, MHW, HTL, and NGVD29
Elevations in ft NAVD88


## MLW, MHW, HTL, and NGVD29

Elevations in ft NAVD88


## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



MLW, MHW, HTL, and NGVD29
Elevations in ft NAVD88
(10m
Elevalions in ft NAVD88 $0 \begin{array}{llll}0 & 0.275 & 0.55 \quad \text { 1.1 Miles }\end{array}$


## MLW, MHW, HTL, and NGVD29

Elevations in ft NAVD88 $\begin{array}{lll}\Gamma_{0.275} & 155 \\ 1.1 \text { M Mies }\end{array}$
tional Estuary


## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 



## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88



MLW, MHW, HTL, and NGVD29



## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



MLW, MHW, HTL, and NGVD29
Elevations in ft NAVD88


## MLW, MHW, HTL, and NGVD29 

$\square$


MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88


## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 <br> $\begin{array}{llll}0 & 0.275 & 0.55 & \text { 1.1 Miles }\end{array}$

Program
MLW $=-3.83$
$M H W=3.15$
CHTL $=5.25$

MLW, MHW, HTL, and NGVD29



MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88


## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 $\overbrace{0.0275}^{15}$



## MLW, MHW, HTL, and NGVD29 <br> 



## MLW, MHW, HTL, and NGVD29

Elevations in ft NAVD88


## MLW, MHW, HTL, and NGVD29

Elevations in ft NAVD88 $\underset{0}{\square}$


## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 $\underset{0}{\Gamma_{0.275}^{15.55}}$



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



\section*{MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 <br> |  | $\mid$ | $\mid$ | $\mid$ | $\mid$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0.275 | 0.55 |  |  | 1.1 |}



## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 <br> .1 Miles



## MLW, MHW, HTL, and NGVD29

 Elevations in ft NAVD88


MLW, MHW, HTL, and NGVD29



MLW, MHW, HTL, and NGVD29
Elevations in ft NAVD88

|  | 1 | $\mid$ | $\mid$ | $\mid$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0.275 | 0.55 |  |  | 1.1 |



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



MLW, MHW, HTL, and NGVD29



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88



MLW, MHW, HTL, and NGVD29
Elevations in ft NAVD88

|  | 1 | $\mid$ | $\mid$ | $\mid$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0.275 | 0.55 |  |  | 1.1 |



## MLW, MHW, HTL, and NGVD29




MLW, MHW, HTL, and NGVD29
Elevations in ft NAVD88

|  | 1 | $\mid$ | $\mid$ | $\mid$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0.275 | 0.55 |  |  | 1.1 |



## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 <br> 



MLW, MHW, HTL, and NGVD29
Elevations in ft NAVD88

| 0.2750 .55 |  |
| :---: | :---: |
|  |  |



MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88


## MLW, MHW, HTL, and NGVD29

Elevations in ft NAVD88


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## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 <br> 

$\square$

\section*{MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 <br> |  | 1 | $\mid$ | $\mid$ | $\mid$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0.275 | 0.55 |  |  | 1.1 |}



P5


## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88 <br> $\begin{array}{llll}0 & 0.275 & 0.55 & \text { 1.1 Miles }\end{array}$



\section*{MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88 <br> |  | $\mid$ | $\mid$ | $\mid$ | $\mid$ | $\mid$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| 0 | 0.275 | 0.55 |  |  | 1.1 |}



MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88


MLW, MHW, HTL, and NGVD29
Elevations in ft NAVD88



## MLW, MHW, HTL, and NGVD29

Elevations in ft NAVD88


MLW, MHW, HTL, and NGVD29
Elevations in ft NAVD88 $\underset{0}{\Gamma_{0.275} .55}$



## MLW, MHW, HTL, and NGVD29




## MLW, MHW, HTL, and NGVD29

Elevations in ft NAVD88

|  |  |
| :---: | :---: |
|  |  |

(10)

## MLW, MHW, HTL, and NGVD29




## MLW, MHW, HTL, and NGVD29 Elevations in ft NAVD88

National Estuary
Program


## MLW, MHW, HTL, and NGVD29 <br> Elevations in ft NAVD88



