

## TIDE CHART

Tide Table for Boston Harbor.

Add one hour for Daylight Savings Time.

1980 JUNE			1980 JUNE			1980 JUNE			1980 JUNE		
Morning	BOSTON	Afternoon	Morning	BOSTON	Afternoon	Morning	BOSTON	Afternoon	Morning	BOSTON	Afternoon
High 12.28 Height 10.4 Low 8.48 Height -0.8 Sunrise 4.10	<b>1</b>	High 1.00 Height 9.2 Low 7.00 Height 0.8 Sunrise 7.14	High 6.45 Height 9.8 Low 12.38 Height -0.8 Sunrise 4.00	<b>8</b>	High 7.17 Height 10.9 Low 12.59 Height -0.5 Sunrise 7.20	High 1.04 Height 9.6 Low 8.59 Height 0.1 Sunrise 7.23	<b>15</b>	High 6.20 Height 12.11 Low 11.3 Height 4.08 Sunrise 4.08	<b>22</b>	High 6.48 Height 8.4 Low 12.21 Height 1.3 Sunrise 7.25	High 1.47 Height 9.9 Low 7.48 Height 0.5 Sunrise 7.15
High 1.12 Height 7.38 Low 4.08 Height -0.8 Sunrise 4.08	<b>2</b>	High 2.36 Height 5.3 Low 8.38 Height -0.5 Sunrise 7.16	High 7.46 Height 10.9 Low 1.36 Height -0.5 Sunrise 4.06	<b>9</b>	High 8.13 Height 10.9 Low 1.56 Height -0.5 Sunrise 7.21	High 1.16 Height 10.7 Low 7.39 Height 0.9 Sunrise 7.23	<b>16</b>	High 7.13 Height 10.4 Low 1.06 Height 1.1 Sunrise 4.08	<b>23</b>	High 7.28 Height 9.2 Low 1.21 Height 1.1 Sunrise 7.25	High 2.36 Height 5.3 Low 8.38 Height -0.5 Sunrise 7.16
High 1.59 Height 10.3 Low 8.23 Height -0.7 Sunrise 4.08	<b>3</b>	High 3.26 Height 5.3 Low 8.38 Height -0.5 Sunrise 7.16	High 8.45 Height 10.6 Low 2.34 Height -1.0 Sunrise 4.06	<b>10</b>	High 9.07 Height 11.2 Low 2.51 Height -0.6 Sunrise 7.21	High 2.41 Height 9.1 Low 8.38 Height -0.6 Sunrise 7.23	<b>17</b>	High 8.03 Height 10.5 Low 1.05 Height 0.8 Sunrise 4.09	<b>24</b>	High 8.24 Height 9.4 Low 2.08 Height -1.0 Sunrise 7.25	High 3.26 Height 5.3 Low 8.38 Height -0.5 Sunrise 7.16
High 2.49 Height 10.2 Low 9.13 Height -0.6 Sunrise 4.06	<b>4</b>	High 3.26 Height 5.4 Low 9.34 Height 0.5 Sunrise 7.10	High 9.40 Height 10.0 Low 3.30 Height -1.4 Sunrise 4.06	<b>11</b>	High 9.59 Height 11.4 Low 3.43 Height -0.7 Sunrise 7.22	High 3.29 Height 8.9 Low 8.29 Height 1.1 Sunrise 7.24	<b>18</b>	High 8.53 Height 9.5 Low 2.43 Height 0.4 Sunrise 4.09	<b>25</b>	High 9.07 Height 9.8 Low 2.54 Height -0.8 Sunrise 7.25	High 4.24 Height 10.3 Low 10.06 Height -0.5 Sunrise 4.07
High 4.43 Height 9.9 Low 11.04 Height -0.4 Sunrise 4.07	<b>5</b>	High 4.24 Height 9.5 Low 10.32 Height -0.4 Sunrise 4.07	High 10.36 Height 10.2 Low 4.21 Height -1.6 Sunrise 4.06	<b>12</b>	High 10.50 Height 10.9 Low 4.35 Height -0.6 Sunrise 7.22	High 4.24 Height 8.6 Low 10.22 Height 1.3 Sunrise 7.26	<b>19</b>	High 9.24 Height 10.2 Low 2.43 Height 0.9 Sunrise 4.10	<b>26</b>	High 9.57 Height 10.3 Low 3.40 Height -0.7 Sunrise 7.25	High 5.20 Height 9.4 Low 11.23 Height -0.2 Sunrise 4.07
High 5.43 Height 9.8 Low --- Height --- Sunrise 4.07	<b>6</b>	High 5.20 Height 8.7 Low 12.01 Height 0.2 Sunrise 7.18	High 11.26 Height 10.0 Low 5.18 Height -1.6 Sunrise 4.06	<b>13</b>	High 11.40 Height 11.3 Low 5.24 Height -0.5 Sunrise 7.22	High 5.09 Height 8.7 Low 11.8 Height 1.4 Sunrise 7.24	<b>20</b>	High 10.24 Height 9.4 Low 4.15 Height -0.3 Sunrise 4.10	<b>27</b>	High 10.36 Height 10.4 Low 4.24 Height 0.5 Sunrise 7.25	High 6.19 Height 8.9 Low 12.01 Height 0.2 Sunrise 7.18
High 8.43 Height 9.8 Low --- Height --- Sunrise 4.07	<b>7</b>	High 6.19 Height 10.1 Low 12.01 Height 0.2 Sunrise 7.18	High --- Height 6.01 Low 6.18 Height -1.5 Sunrise 4.06	<b>14</b>	High 12.16 Height 9.9 Low 8.13 Height -0.2 Sunrise 7.22	High 5.09 Height 8.8 Low 11.58 Height 1.4 Sunrise 7.24	<b>21</b>	High 11.08 Height 9.2 Low 4.08 Height 0.4 Sunrise 4.10	<b>28</b>	High 11.39 Height 10.6 Low 5.08 Height 0.3 Sunrise 7.25	High 8.19 Height 10.1 Low 12.01 Height 0.2 Sunrise 7.18

Eastern Standard Time. Add 1 Hour For Daylight Savings Time.

Eastern Standard Time. Add 1 Hour For Daylight Savings Time.

Eastern Standard Time. Add 1 Hour For Daylight Savings Time.

Eastern Standard Time. Add 1 Hour For Daylight Savings Time.

1980 JUNE - JULY			1980 JULY			1980 JULY			1980 JULY		
Morning	BOSTON	Afternoon	Morning	BOSTON	Afternoon	Morning	BOSTON	Afternoon	Morning	BOSTON	Afternoon
High 11.53 Height 9.4 Low 5.42 Height -0.9 Sunrise 4.11	<b>29</b>	High 12.39 Height 10.8 Low 6.39 Height -1.1 Sunrise 4.11	High 5.24 Height 9.7 Low 11.38 Height 0.3 Sunrise 4.15	<b>6</b>	High 6.56 Height 10.5 Low 12.37 Height -0.2 Sunrise 7.22	High 12.08 Height 10.7 Low 6.26 Height -0.9 Sunrise 4.21	<b>13</b>	High 12.42 Height 10.5 Low 6.37 Height 0.2 Sunrise 7.18	<b>20</b>	High 5.38 Height 8.3 Low 11.46 Height 0.2 Sunrise 4.26	High 4.02 Height 9.9 Low 7.24 Height 0.2 Sunrise 7.24
High 12.50 Height 10.9 Low 7.13 Height -1.2 Sunrise 4.12	<b>1</b>	High 1.27 Height 9.8 Low 7.28 Height -0.1 Sunrise 7.24	High 7.29 Height 9.4 Low 1.18 Height -0.1 Sunrise 4.17	<b>8</b>	High 7.54 Height 10.7 Low 1.36 Height -0.1 Sunrise 7.20	High 12.52 Height 10.4 Low 7.08 Height -0.6 Sunrise 4.21	<b>14</b>	High 1.26 Height 9.3 Low 7.22 Height 0.4 Sunrise 7.18	<b>21</b>	High 6.30 Height 8.2 Low 11.22 Height 1.1 Sunrise 4.26	High 2.16 Height 9.9 Low 8.20 Height -0.1 Sunrise 7.24
High 1.40 Height 10.8 Low --- Height --- Sunrise 4.13	<b>2</b>	High 2.16 Height 8.9 Low 8.20 Height -0.1 Sunrise 7.24	High 8.29 Height 9.4 Low 3.18 Height -0.7 Sunrise 4.17	<b>9</b>	High 8.50 Height 10.9 Low 2.32 Height -0.1 Sunrise 7.20	High 1.37 Height 10.0 Low 7.51 Height -0.5 Sunrise 4.22	<b>15</b>	High 2.07 Height 9.2 Low 8.08 Height 0.6 Sunrise 7.18	<b>22</b>	High 7.23 Height 8.2 Low 1.17 Height -0.9 Sunrise 4.28	High 3.08 Height 10.1 Low 9.45 Height -0.1 Sunrise 7.23
High 2.33 Height 10.6 Low 8.62 Height -1.0 Sunrise 4.13	<b>3</b>	High 3.08 Height 10.1 Low 8.20 Height -0.1 Sunrise 7.24	High 9.27 Height 9.5 Low 3.14 Height -0.9 Sunrise 4.18	<b>10</b>	High 9.43 Height 11.0 Low 3.24 Height -0.1 Sunrise 7.20	High 2.21 Height 9.6 Low 8.36 Height 0.1 Sunrise 4.23	<b>16</b>	High 2.52 Height 9.1 Low 8.54 Height 0.9 Sunrise 7.17	<b>23</b>	High 8.16 Height 8.4 Low 2.08 Height 0.5 Sunrise 4.28	High 4.02 Height 10.2 Low 9.44 Height -0.1 Sunrise 7.23
High 3.38 Height 10.3 Low 9.45 Height -0.8 Sunrise 4.14	<b>4</b>	High 4.02 Height 10.1 Low 10.14 Height -0.1 Sunrise 7.23	High 10.20 Height 9.6 Low 4.05 Height -1.3 Sunrise 4.19	<b>11</b>	High 10.33 Height 11.0 Low 4.17 Height -0.1 Sunrise 7.20	High 3.08 Height 9.7 Low 9.20 Height 0.4 Sunrise 4.23	<b>17</b>	High 3.37 Height 9.0 Low 9.44 Height 1.1 Sunrise 7.16	<b>24</b>	High 9.06 Height 8.1 Low 2.98 Height 0.1 Sunrise 4.29	High 5.43 Height 10.5 Low 10.40 Height -0.5 Sunrise 4.13
High 4.23 Height 10.0 Low 10.40 Height -0.5 Sunrise 4.13	<b>5</b>	High 4.59 Height 10.2 Low 11.15 Height -0.1 Sunrise 7.23	High 11.10 Height 9.8 Low 4.96 Height -1.1 Sunrise 4.20	<b>12</b>	High 11.22 Height 10.9 Low 5.06 Height -0.1 Sunrise 7.19	High 3.53 Height 8.6 Low 10.06 Height 0.7 Sunrise 4.24	<b>18</b>	High 4.24 Height 8.0 Low 10.38 Height 1.2 Sunrise 7.16	<b>25</b>	High 9.54 Height 9.0 Low 3.66 Height -0.4 Sunrise 4.30	High 6.54 Height 9.1 Low 12.28 Height 1.3 Sunrise 7.13
High 5.43 Height 9.8 Low --- Height --- Sunrise 4.07	<b>6</b>	High 6.19 Height 10.1 Low 12.01 Height 0.2 Sunrise 7.18	High --- Height 6.01 Low 6.18 Height -1.5 Sunrise 4.06	<b>13</b>	High 12.16 Height 9.9 Low 8.13 Height -0.2 Sunrise 7.22	High 5.09 Height 8.8 Low 11.58 Height 1.4 Sunrise 7.24	<b>19</b>	High 11.08 Height 9.2 Low 4.08 Height 0.4 Sunrise 4.10	<b>26</b>	High 11.39 Height 10.6 Low 5.08 Height 0.3 Sunrise 7.25	High 8.19 Height 10.1 Low 12.01 Height 0.2 Sunrise 7.18

Eastern Standard Time. Add 1 Hour For Daylight Savings Time.

Eastern Standard Time. Add 1 Hour For Daylight Savings Time.

Eastern Standard Time. Add 1 Hour For Daylight Savings Time.

Eastern Standard Time. Add 1 Hour For Daylight Savings Time.

### Tidal differences from Boston High Tide

Newburyport	31 minutes later
Scituate	5 minutes earlier
Plymouth	5 minutes later
Chatham (outside)	30 minutes later
(inside)	1 hr, 54 minutes later
New Bedford	3 hrs, 15 minutes earlier

BIRD OBSERVER (USPS 369-850)  
462 TRAPELO ROAD  
BELMONT, MA. 02178

Second Class  
Postage Paid at  
Boston, Mass.

~~XXXXXXXXXX~~  
~~XXXXXXXXXX~~  
~~XXXXXXXXXX~~

Bathers                      Hikers  
                                 Birdwatchers  
Photographers                Fishermen

See Monomoy Island  
and North Beach via

ART GOULD'S FERRY

Andrew Harding Lane, Chatham, Mass.  
(Near Chatham Light)

Reservations:    Call (617)945-2443  
or Write - Box 3, W.Chatham, MA 02669

Send \$1.00 for a list of bird sightings  
on (3) separate trips to Monomoy  
in August and September, 1978.