

A King of a Challenge: Massachusetts King Tides October 2020

A map of Massachusetts is shown in a light teal color against a dark blue background. Numerous yellow dots with white outlines are placed along the coastline, particularly in the northern and western parts of the state, indicating locations where king tides are expected. A large yellow sunburst graphic is positioned over the central part of the map.

DID YOU KNOW?

This month's king tides will reach heights of about 11 to 13 feet!

"**King tide**" is an informal term that refers to the time (once or twice a year) when tides reach **exceptionally high levels**. These king tides occur in conjunction with new moons and full moons when the Earth is closest to the moon.

North Shore

Annisquam-Lobster-Cove	10/18/2020, 12:49 pm	10/19/2020, 1:40 pm
Essex	10/18/2020, 1:00 pm	10/19/2020, 1:51 pm
Gloucester Harbor	10/18/2020, 12:51 pm	10/19/2020, 1:41 pm
Lynn Harbor	10/18/2020, 12:52 pm	10/19/2020, 1:42 pm
Rockport	10/18/2020, 12:44 pm	10/19/2020, 1:35 pm
Salem Harbor	10/18/2020, 12:50 pm	10/19/2020, 1:40 pm
Plum Island Sound (South End)	10/18/2020, 1:10 pm	10/19/2020, 2:00 pm

Boston Harbor

Boston Light Harbor	10/18/2020, 12:49 pm	10/19/2020, 1:40 pm
Charlestown - Charles River Entrance	10/18/2020, 12:51 pm	10/19/2020, 1:41 pm
Deer Island (South End)	10/18/2020, 12:52 pm	10/19/2020, 1:42 pm
Hingham	10/18/2020, 1:00 pm	10/19/2020, 1:50 pm
Hull	10/18/2020, 12:56 pm	10/19/2020, 1:46 pm
Nantasket Beach Weir River	10/18/2020, 12:57 pm	10/19/2020, 1:47 pm
Neponset River	10/18/2020, 12:49 pm	10/19/2020, 1:39 pm
Weymouth Fore River Bridge	10/18/2020, 1:00 pm	10/19/2020, 1:50 pm

South Shore

Brant Rock Green Harbor River	10/18/2020, 12:57 pm	10/19/2020, 1:46 pm
Cohasset Harbor (White Harbor)	10/18/2020, 12:55 pm	10/19/2020, 1:45 pm
Duxbury Harbor Cape Cod Bay	10/18/2020, 12:57 pm	10/19/2020, 1:47 pm
Scituate Harbor	10/18/2020, 12:54 pm	10/19/2020, 1:44 pm
Plymouth Cape Cod Bay	10/18/2020, 12:55 pm	10/19/2020, 1:45 pm

Cape Cod

Barnstable Harbor Beach Point	10/18/2020, 1:02 pm	10/19/2020, 1:52 pm	Data: <u>Map</u>
Cape Cod Canal (East Entrance)	10/18/2020, 12:50 pm	10/19/2020, 1:40 pm	
Provincetown	10/18/2020, 1:07 pm	10/19/2020, 1:57 pm	
Sesuit Harbor (East Dennis)	10/18/2020, 12:53 pm	10/19/2020, 1:43 pm	
Wellfleet	10/18/2020, 1:05 pm	10/19/2020, 1:55 pm	

WHAT WE CAN "SEA"

While king tides are a purely natural phenomenon, they allow us to visualize what **normal high tides will look like by 2050** if we continue to burn fossil fuels and release greenhouse gas emissions at the rate we are currently.



Remember: safety first!

Submit your photos to [MyCoast](#). But don't stop there! Share your favorites with us on Facebook ([@MassAudubon](#)) or email (climatechange@massaudubon.org) on Tuesday, October 20. We'll pick a favorite to highlight in our newsletter.



LEARN MORE:
massaudubon.org/climate

Data: [Massachusetts Marine Trades Association](#)