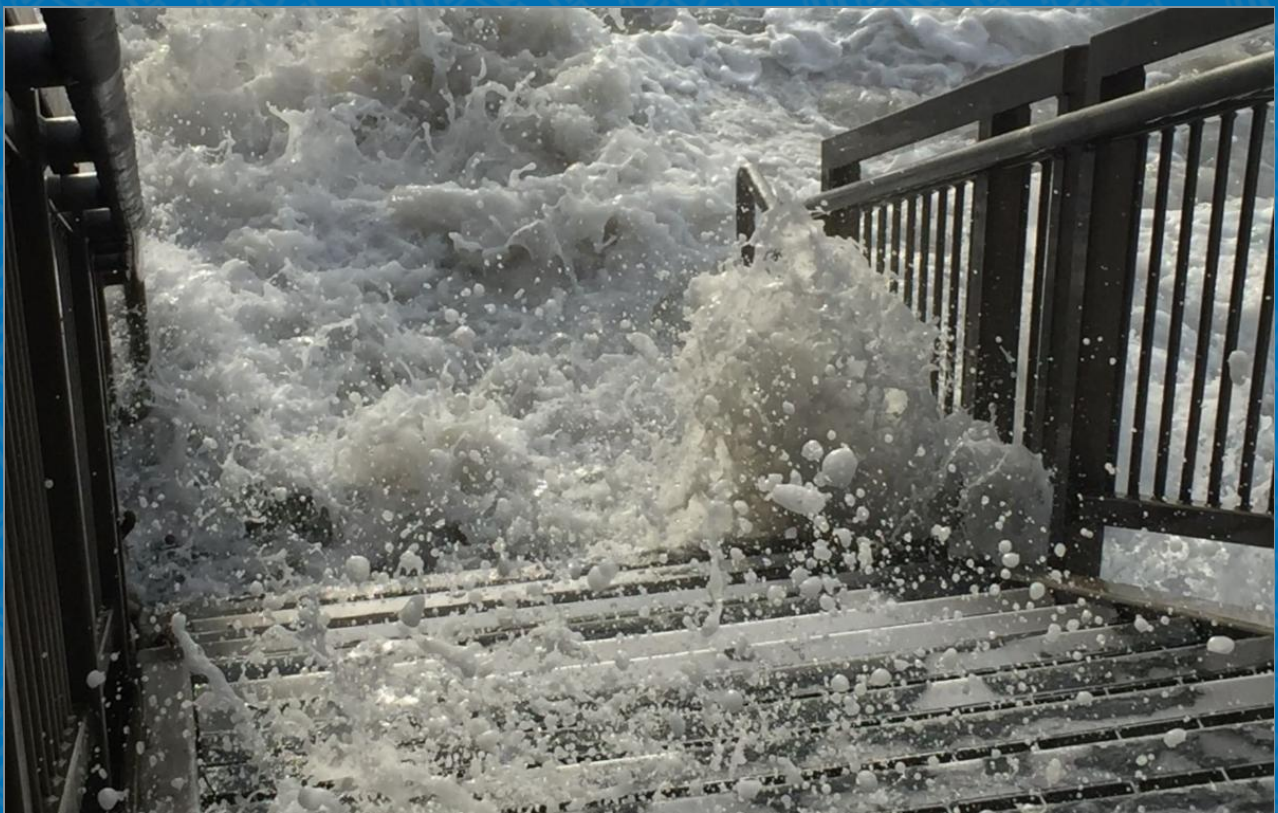


**From:** California King Tides Project [kingtides@coastal.ca.gov](mailto:kingtides@coastal.ca.gov)  
**Subject:** Highest high tides this weekend  
**Date:** January 8, 2020 at 11:02 AM  
**To:** [wildrudi@mac.com](mailto:wildrudi@mac.com)



## King Tides are coming this Friday, Saturday, and Sunday!



You can raise awareness about sea level rise and help communities plan for the future by taking and sharing photos of the highest high tides of the year. We need your help, and it's easy to do.

- Find out [what time](#) the King Tides will be near you.
- Learn how to participate by [uploading your photos via a web browser or app](#).
- Get outside and observe the King Tides!
- Check back throughout the weekend to see your photos on a [statewide map](#).

During King Tides you can head out on your own, with friends and family, or join one of nearly 50 [community events](#) taking place up and down the coast.

Even if you're stuck inside, or far inland, you can get a virtual view of the King Tides on

Even if you're stuck inside, or far inland, you can get a virtual view of the King Tides on Friday between 10am and 11am when California State Parks will be [streaming live](#) from six coastal parks (from San Diego all the way to the North Coast Redwoods).

King Tides will also arrive in California on **February 8 and 9**, so you'll have a second chance to photograph them then. As always, be cautious and respect the power of the ocean. Also, please be aware that shorebirds may be taking refuge in areas above the tide line; try not to flush them out in the process of getting your photographs.

Learn more at [california.kingtides.net](http://california.kingtides.net).

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*Please join us on social media using #KingTides*



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### ***What causes sea level rise, and what do King Tides have to do with it?***

The sea level rise we're experiencing now and will experience in the future is caused by burning fossil fuels like coal, oil, and natural gas. To briefly explain the process, carbon dioxide in our atmosphere acts like a blanket, trapping in heat that would otherwise escape. When we burn fossil fuels, we're adding more carbon dioxide, thickening the "blanket" and warming the planet and ocean. Sea level is rising because land-based glaciers and ice sheets are melting into the ocean and also because water expands in volume when it warms. The amount of sea level rise we will ultimately experience will depend on how quickly we stop burning fossil fuels.

King Tides themselves are not caused by sea level rise, but allow us to experience what higher sea level will be like. King Tides are the highest high tides of the year, about a foot or two higher than usual, which is what we expect to see during the next few decades. When you observe the King Tides, imagine seeing these tides (and the associated flooded streets, beaches, and wetlands) every day. Understanding what a King Tide looks like today will help us plan for sea level rise in the future.

Sharing your photos and talking about what you've noticed helps others understand that they're part of a community that cares about climate change. Thank you for your help!

California Coastal Commission | 45 Fremont St, Suite 2000, San Francisco, CA 94105

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