



Version No. R&SW 1.5  
Type: Minor Release  
Release Date: 30 April 2026  
Tidal modelling versions applied

[Download beta  
release notes  
\(1.0.0 - 1.0.5\)](#)

## Release description

In the release 1.5 update we've updated the historic releases in the Release History table to reflect the tidal modelling version that was used at the time of the releases.

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## Why we made this update

Since launching Rivers and Seas Watch, over time we've made improvements to the accuracy of our tidal modelling process to make sure we're providing the most accurate bathing water impact notifications possible.

Previously, when the modelling process was updated, the impact statuses of past releases in the release history table were over-written by the newer impact status from the updated model.

This was because we were only able to use one (the most recent) version of the tidal modelling data at a time. This caused confusion, as the impact status for events appeared to change over time to how it did when the release was first published on Rivers and Seas Watch.

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## What's changed?

### Corrected historical data

- We've updated all historical event data to reflect the impact status that would have been shown on Rivers and Seas Watch when the event was first published.
- Behind the scenes, we've introduced tidal modelling versions, which are the correct configurations used at the point-in-time when a storm overflow release was first published on Rivers and Seas Watch.



## New column added to the Release History table

- Each historical release event has been added with the model version that was used at the time it was first published on Rivers and Seas Watch
- A new optional column in the table shows the model version, and the date the model version started being used, with a link to view the associated configuration file.

This column is hidden by default. You unhide it by using the ‘Select columns’ button above the table.

Important notes:

- No storm overflow release events have been removed or created
- All other data (e.g. Duration, Release Status) is correct as of the time of launching RSW 1.5
- Release event IDs remain the same

## Does that mean the original data was wrong?

No. The original impact statuses were correct based on the predictive tidal model used at the time. However, our approach to predicting impact on bathing waters has evolved over time – please see [history](#) for details

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## Can I still access the previous data?

If you would like to review the full release history before these adjustments, a full copy is available for download.

[\[View previous release history table data\]](#)

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## Tidal Modelling Updates – History:

For each tidal model version, we’ve provided the configuration details. These are also available as downloadable files from the Release History Table.

Version	Description	Release date	File
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1	Tidal modelling applied to the initial data import, inherited from the Beachbuoy Service in 2020	01/09/2022	<a href="#">Tidal Model Configuration - Version 1 (01-09-22)</a>
2	Introduced Bathing Water Areas: impact status calculated on the area within proximity, in addition to the Environment Agencies Sampling Point.  Addition of:  1. Simulations for longer duration storm overflow releases (24 hours+) 2. Two new tidal-state cases (Mid Ebb; Mid Flood)  <a href="#">rivers_and_seas_watch_release_notes_110.pdf</a>	02/04/2025	<a href="#">Tidal Model Configuration - Version 2 (02-04-25)</a>
3	The modelling for 63 coastal outfalls was updated for greater accuracy, after widening the area used to calculate impacts in Version 2 above.  <a href="#">rivers_and_seas_watch_release_notes_112.pdf</a>	25/06/2025	<a href="#">Tidal Model Configuration - Version 3 (25-06-25)</a>
4	New impact associations were added for five outfalls based on further investigations.  <a href="#">rivers-and-seas-watch-release-notes-13.pdf</a>	10/09/2025	<a href="#">Tidal Model Configuration - Version 4 (10-09-25)</a>

## Where can I learn more about how Rivers and Seas Watch uses tidal modelling?

You can find further information on how tidal modelling is used to predict bathing water impact on our website.

[Rivers and Seas Watch tidal modelling](#)