

Catalonia limits water use as Spain prays for rain

November 22 2022, by Joseph Wilson



This combo of images shows from the top, an 11th century Romanesque church partially exposed in a reservoir in Vilanova de Sau, Catalonia, Spain, Monday, June 20, 2022, and the same spot on Friday, Nov. 18. 2022. Credit: AP Photo/Emilio Morenatti

Barcelona and large swathes of Spain's northeast are going under water restrictions as a months-long drought that has devastated crops starts to put the pinch on human activities in the Mediterranean country.

The measures will affect 6.7 million people, 80% of the population in the Catalonia region, Patrícia Plaja, spokeswoman for the Catalan administration, said Tuesday. Plaja said, for now, it will not be necessary to limit the use of water inside homes for washing, cooking or drinking, but her government urged citizens to "be aware the exceptional situation the country is facing."

The measures taking effect Friday will include reductions on water for the irrigation of crops and industry. City dwellers won't be permitted to use drinking water to wash the exterior of houses or cars or to fill swimming pools. Over 500 town halls, including Barcelona, must stop filling public fountains or cleaning streets with drinking water.

Below-average rainfall that experts have linked to [global climate change](#) has shrunked reservoirs and damaged agriculture and [the environment](#) across Spain.

Barcelona now becomes the second major city in Spain to limit water use after Seville did so with similar measures in September following an extremely dry, hot summer.



This combo of images shows from the top, an 11th century Romanesque church partially exposed in a reservoir in Vilanova de Sau, Catalonia, Spain, Monday, June 20, 2022, and the same spot on Friday, Nov. 18. 2022. Credit: AP Photo/Emilio Morenatti

While reservoirs in Spain's south near Seville are now the driest, Catalonia's [water reservoirs](#) are down to 34% of capacity, according to Spain's ministry for the ecological transition.

In 2008, a prolonged drought forced Spanish authorities to bring in water to Barcelona via boat to guarantee domestic use. That led to the construction of a desalination plant near Barcelona that [local authorities](#) say is the largest in Europe with a capacity to produce 60 hm³ in a year. It is now running at 90% capacity, authorities said.



This combo of images shows from the top, an 11th century Romanesque church partially exposed in a reservoir in Vilanova de Sau, Catalonia, Spain, on Monday, June 20, 2022, and the same spot on Friday, Nov. 18, 2022. Credit: AP Photo/Emilio Morenatti

Plaja said even if rains eventually provide some relief, "the climate context (means) that Catalonia will suffer longer and more frequent droughts" like other areas of Spain and the wider region.

Climate scientists have identified the Mediterranean as one of the world's regions that will suffer the most from increasing temperatures due to [climate change](#).

© 2022 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: Catalonia limits water use as Spain prays for rain (2022, November 22) retrieved 23 May 2024 from <https://phys.org/news/2022-11-catalonia-limits-spain-prays.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--