

China rushes to contain floods after record rainfall

July 14 2020



Chinese soldiers erect a sandbag barrier along the shore of Poyang lake after heavy seasonal rains in Jiujiang, in China's central Jiangxi province

Soldiers erected sandbag flood barriers in a city near China's largest freshwater lake after the heaviest rainfall in nearly six decades drenched

the swollen Yangtze River basin.

The vast Yangtze drainage area has been lashed by [torrential rains](#) since last month, leaving 141 people dead or missing and forcing the evacuation of millions more across several provinces.

Flooding along the river—the world's third longest—has been an annual summer scourge since ancient times, but this year's inundation has been especially severe.

The downpours have intensified since last week, causing dozens of Yangtze-basin waterways to post record-high water levels, while more than 400 had exceeded warning levels, Vice Minister of Emergency Management Zheng Guoguang said on Monday.

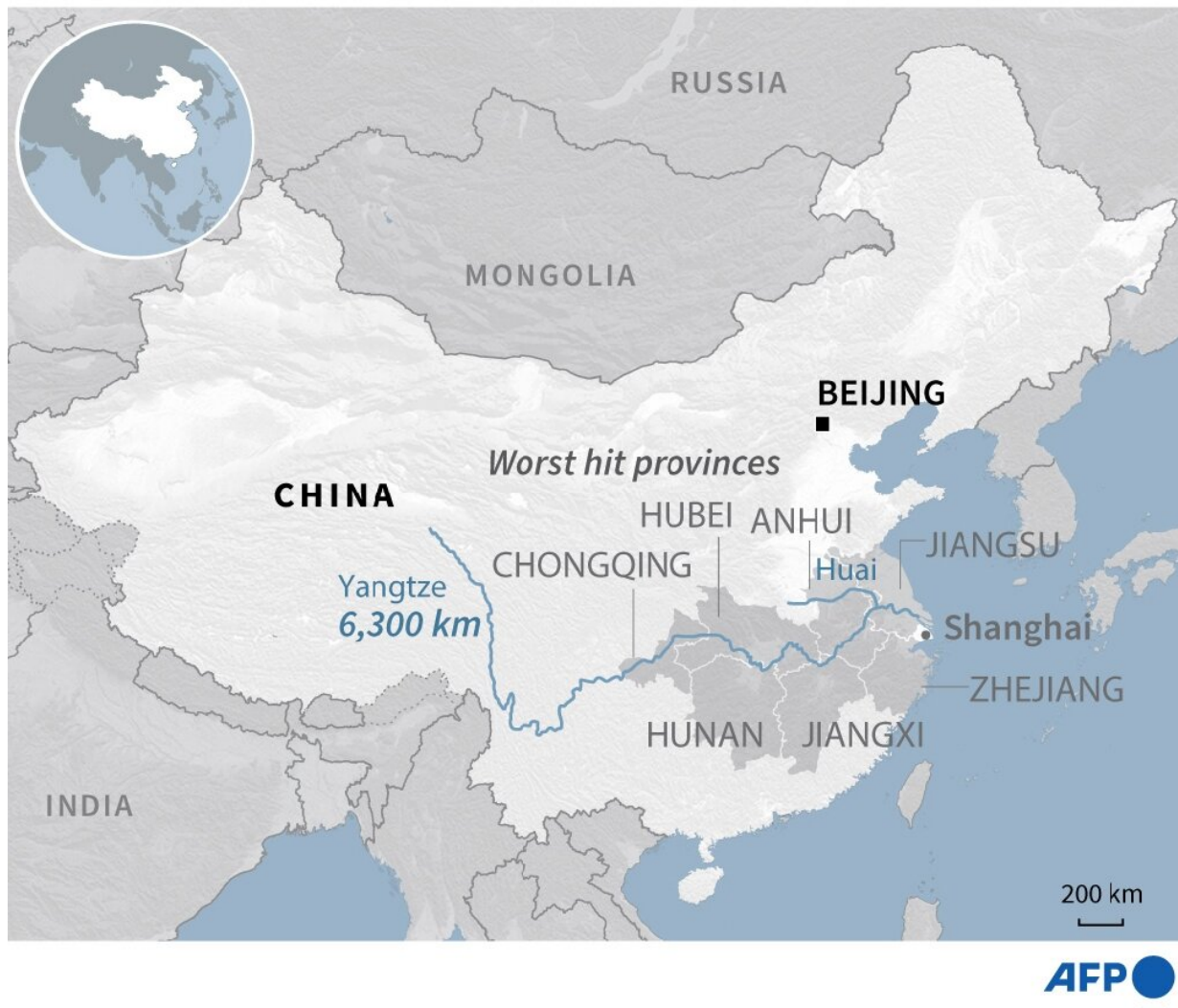
"Since June, average precipitation in the Yangtze river basin has been the highest since 1961," he told a news briefing in Beijing.

Authorities had been monitoring a flood crest as it neared Wuhan, the metropolis of 11 million that the Yangtze winds through and which had already suffered the vast number of China's deaths and cases in the coronavirus pandemic, which first emerged in the city.

They said river levels were decreasing after the crest passed Wuhan on Monday with no reports of major new flooding there.

China flooding

Floods across large swathes of central and eastern China have left more than 140 people dead or missing as of July 13



Map showing provinces worst hit by flooding in China that has left more than 140 people dead as of July 13, 2020

Record rainfall

Concern was now shifting downstream to Poyang Lake, which drains

into the Yangtze in hard-hit Jiangxi province and is the largest freshwater [lake](#) fully within China's borders.

State-run Xinhua news agency said water levels at a key hydrological station on the lake broke a record set in 1998, when more than 4,000 people were killed in China's worst flooding in recent decades.

State media reported that more than 100,000 people—including rescue personnel, soldiers, and ordinary citizens—had been thrown into flood-control efforts in Jiangxi.

Around half of those were deployed at Poyang Lake, where many dikes and levees had collapsed, state television reported.

In the city of Jiujiang, near where the lake drains into the Yangtze, soldiers wearing orange life vests fortified the river bank with a wall of sandbags piled as high as a man.



State media reported that more than 100,000 people—including rescue personnel, soldiers, and ordinary citizens—had been thrown into flood-control efforts in Jiangxi

The Yangtze's length is exceeded only by the Nile and the Amazon, and its drainage basin is home to around 400 million people.

Summer rains and seasonal glacial melt in the river's Tibetan plateau headwaters cause routine annual flooding.

But environmentalists say the threat has worsened over the decades due in part to rampant construction of dams and levees that have cut connections between the river and adjacent lakes and floodplains that for centuries had helped absorb the summer surge.

Conservationists also warn that the rapid melting of Himalayan glaciers due to climate change may lead to more dangerous summer flooding.

© 2020 AFP

Citation: China rushes to contain floods after record rainfall (2020, July 14) retrieved 30 April 2024 from <https://phys.org/news/2020-07-china-rainfall.html>

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.