



19 Oct. 2022

PRELIMINARY SATELLITE DERIVED FLOOD EVOLUTION ASSESSMENT

Islamic Republic of Pakistan




 Status: Overall decrease of flood waters observed

 Further action(s): continue monitoring



PAKISTAN



-  International boundary
-  Provincial boundary
-  Line of Control

Dotted line represents approximately the Line of Control in Jammu and Kashmir agreed upon by India and Pakistan. The final status of Jammu and Kashmir has not been agreed upon by the parties.
The boundaries and names shown, and the designations used on this map do not imply official endorsement or acceptance by the United Nations. The United Nations Satellite Centre - UNOSAT is not responsible for the misuse or misrepresentation of the map.

EVOLUTION OF CUMULATIVE FLOOD IMPACT ASSESSMENT

[03 to 09 Oct. 2022] Vs. [11 to 17 Oct. 2022]

11 to 17 Oct. 22



~34,000 km²

Flood extent



~ 11 M

Population potentially exposed to floods

03 to 09 Oct. 22



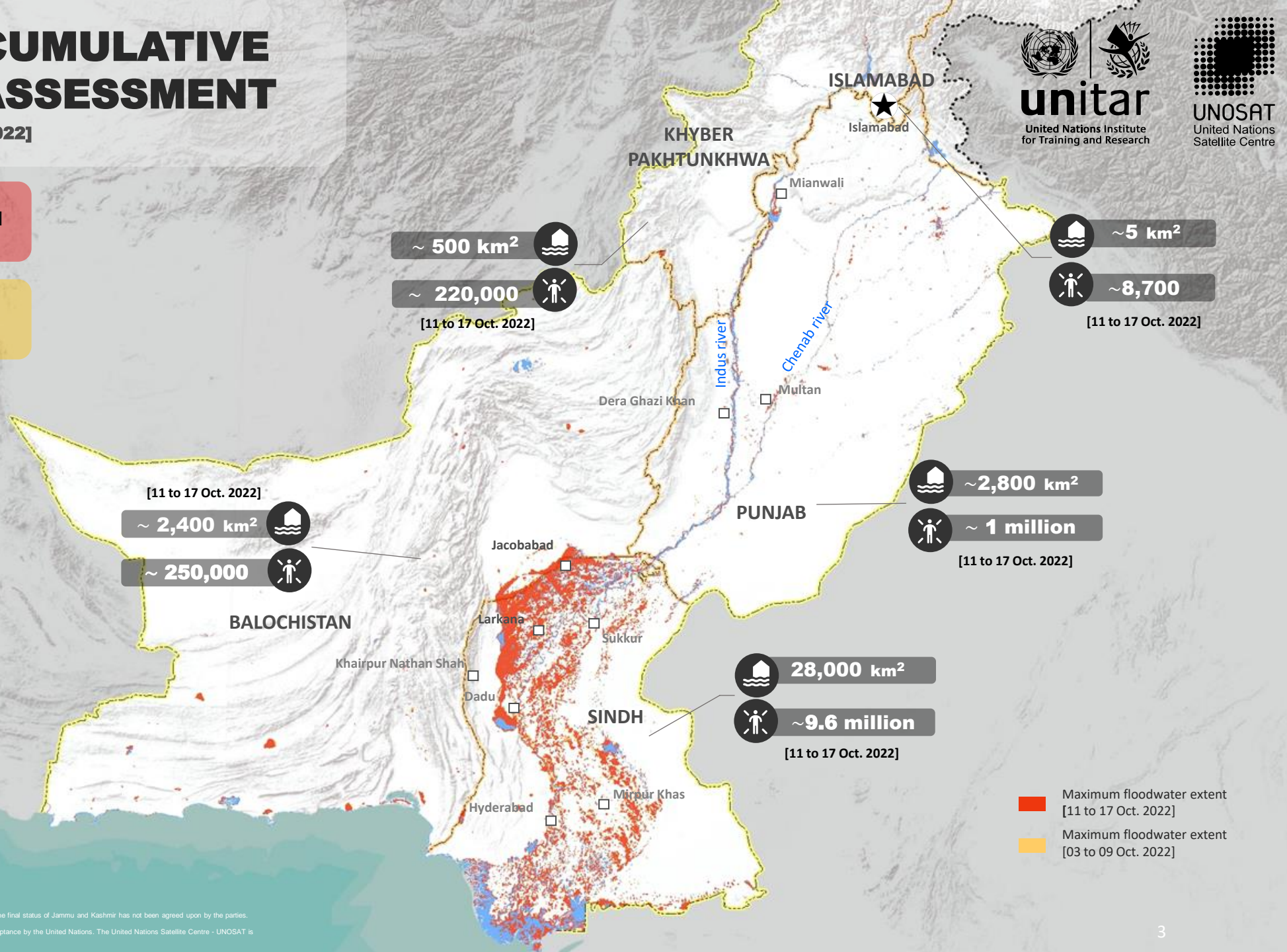
~37,000 km²

Flood extent



~ 13 M

Population potentially exposed to floods



~ 500 km² (Flood extent icon)

~ 220,000 (Population icon)

[11 to 17 Oct. 2022]

~5 km² (Flood extent icon)

~8,700 (Population icon)

[11 to 17 Oct. 2022]

[11 to 17 Oct. 2022]

~ 2,400 km² (Flood extent icon)

~ 250,000 (Population icon)

~2,800 km² (Flood extent icon)

~ 1 million (Population icon)

[11 to 17 Oct. 2022]

28,000 km² (Flood extent icon)

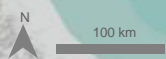
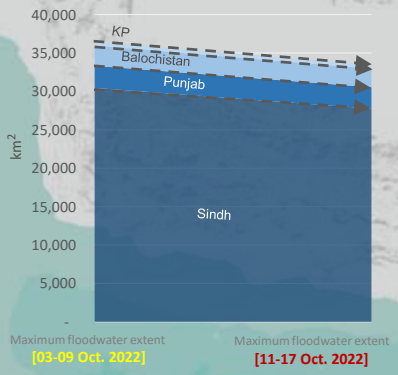
~9.6 million (Population icon)

[11 to 17 Oct. 2022]

■ Maximum floodwater extent [11 to 17 Oct. 2022]

■ Maximum floodwater extent [03 to 09 Oct. 2022]

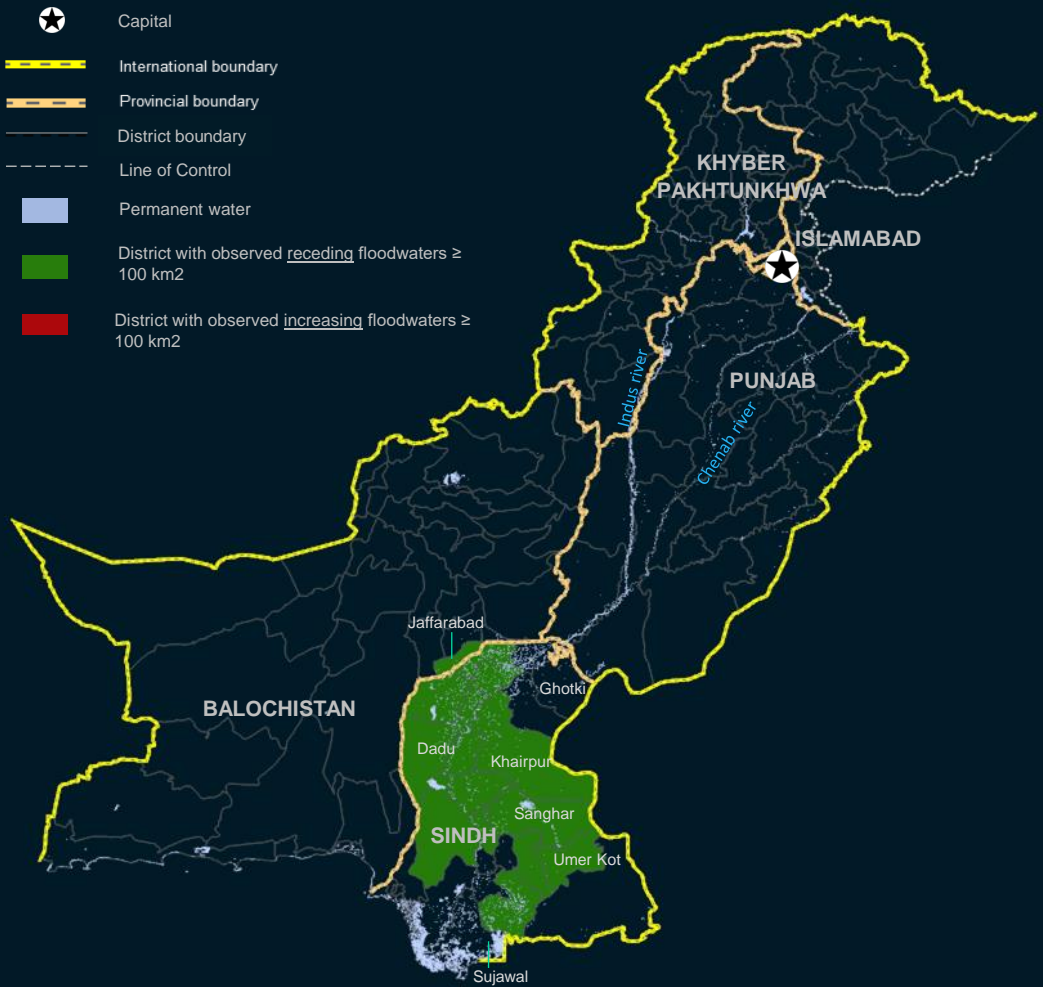
Evolution of maximum floodwater extent [03 to 09 Oct. 2022] Vs [11 to 17 Oct. 2022]



Dotted line represents approximately the Line of Control in Jammu and Kashmir agreed upon by India and Pakistan. The final status of Jammu and Kashmir has not been agreed upon by the parties. The boundaries and names shown, and the designations used on this map do not imply official endorsement or acceptance by the United Nations. The United Nations Satellite Centre - UNOSAT is not responsible for the misuse or misrepresentation of the map.

EVOLUTION OF CUMULATIVE FLOOD IMPACT ASSESSMENT

[03 to 09 Oct. 2022] Vs [11 to 17 Oct. 2022]

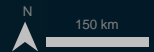


Balochistan province

- Jaffarabad district ↓ 100 km²

Sindh province

- Jacobabad district ↓ 120 km²
- Shikarpur district ↓ 130 km²
- Khairpur district ↓ 140 km²
- Naushahro Feroze district ↓ 150 km²
- Sanghar district ↓ 330 km²
- Shaheed Benazir Abad ↓ 340 km²
- Mirpur Khas district ↓ 90 km²
- Dadu district ↓ 110 km²
- Larkana district ↓ 90 km²
- Umer Kot district ↓ 150 km²
- Kambar Shahdad Kot district ↓ 130 km²
- Badin district ↓ 250 km²
- Jamshoro district ↓ 150 km²
- Matiari district ↓ 140 km²



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SUMMARY OF FINDINGS

Evolution of Cumulative Flood Waters over I.R. of Pakistan (03-09 October 2022 Vs 11-17 October 2022):

- Between 11 and 17 October 2022 approximately 11 million people remain potentially exposed or living close to flooded areas;
- Based on satellite observations between 03 and 09 October 2022 and compared with observations between 11 and 17 October 2022, the overall flood water extent appears to continue to decrease with approximately -200 km² in Balochistan, ~ -100 km² in Punjab and ~ -2,700 km² in Sindh.

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Data sources:

(1) Satellite Image (Post-event)

Satellite Data : NOAA-20/VIIRS

Imagery Date: 3 to 9 October 2022 and 11 to 17 October 2022

Resolution: 375m

Copyright: NOAA/Suomi NPP

Source: NOAA

(2) Ancillary data

Administrative boundaries: OCHA Field Information Services Section (FISS)
[14 September 2022]

Analysis: UNITAR-UNOSAT

Production: UNITAR-UNOSAT

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