

DARAJA Sudan Emergency Weather and Early Warning Service



Sudan Urban Development Think Tank (SUDTT)
Community Partner



Sudan Meteorological Authority (SMA)
Weather and Climate Information Provider



ICPAC
IGAD Climate Prediction and Applications Centre (ICPAC)
Regional WMO Climate Centre and host of SMA team in Nairobi

Why?

- **Extreme Weather** is causing displacement, fatalities and disrupting humanitarian operations
- Weather Forecasts and Early Warnings **tailored to the needs of** communities and humanitarian agencies can improve preparedness and resilience, and humanitarian delivery.




What?

1. National weather overview.

1. location-specific daily/weekly forecasts.

3. Seasonal/sub seasonal forecasts.

4. Early warning for extreme weather events.



SYRIA
JORDAN
LIBYA
EGYPT
SAUDI ARABIA
CHAD
ETHIOPIA
CENTRAL AFRICAN REPUBLIC
SOUTH SUDAN
KENYA
DEMOCRATIC REPUBLIC OF THE CONGO

Alert Severity: Extreme Severe Moderate Minor


Thunderstorms/Squall...

HEAVY RAINFALL & FLOOD ALERT: TAKE IMMEDIATE ACTION

Expired: Thunderstorms/Squall lines (Red Sea, River Nile, Northern, Kassala, Al Qadisiya, Kurdufan, North) Orange severity

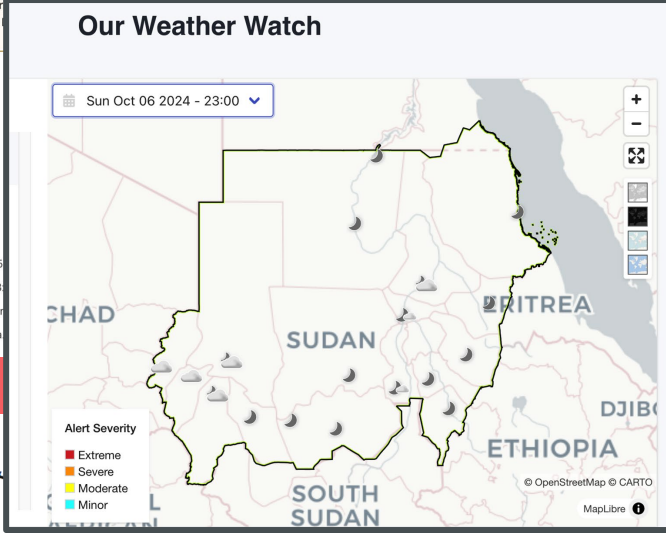
Language: en
Category: Met
Urgency: Expected
Severity: Severe
Certainty: Likely

Time period
Issued July 31, 2024, 2:26
Effective: July 31, 2024, 3:00
Onset: Aug. 1, 2024, midnight
Expires: Aug. 7, 2024, 6 a.m.



Our Weather Watch

Sun Oct 06 2024 - 23:00




CHAD
SUDAN
ERITREA
DJIBOUTI
ETHIOPIA
SOUTH SUDAN

Alert Severity
Extreme
Severe
Moderate
Minor

© OpenStreetMap © CARTO
MapLibre


Early Warning and civil protection for floods and droughts in Sudan - APIS - AID12465



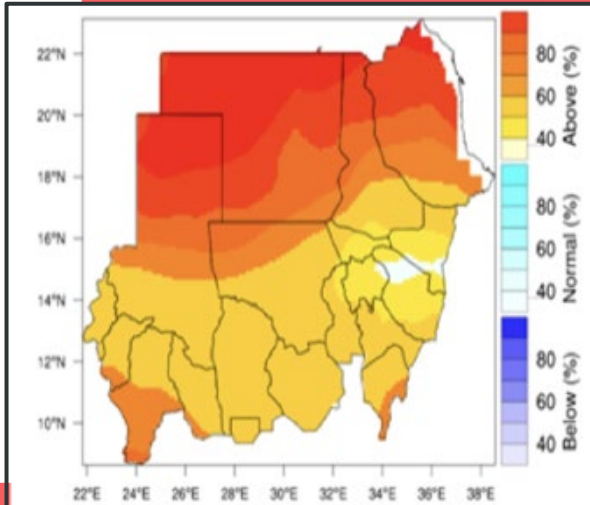
Sudan Multi-hazard Impact Based Forecast Bulletin

Issuing date: 04/08/2024

Population Potentially Affected By Severe Rain In The Next 3 Days.



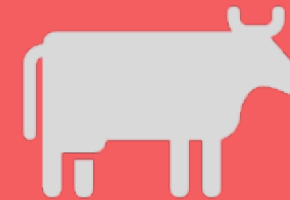
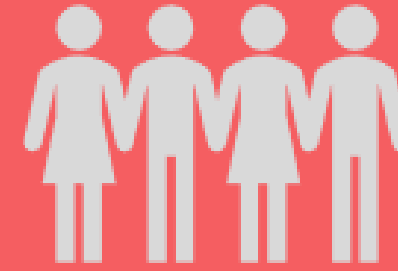
NONE
LOW
MODERATE
HIGH
VERY HIGH



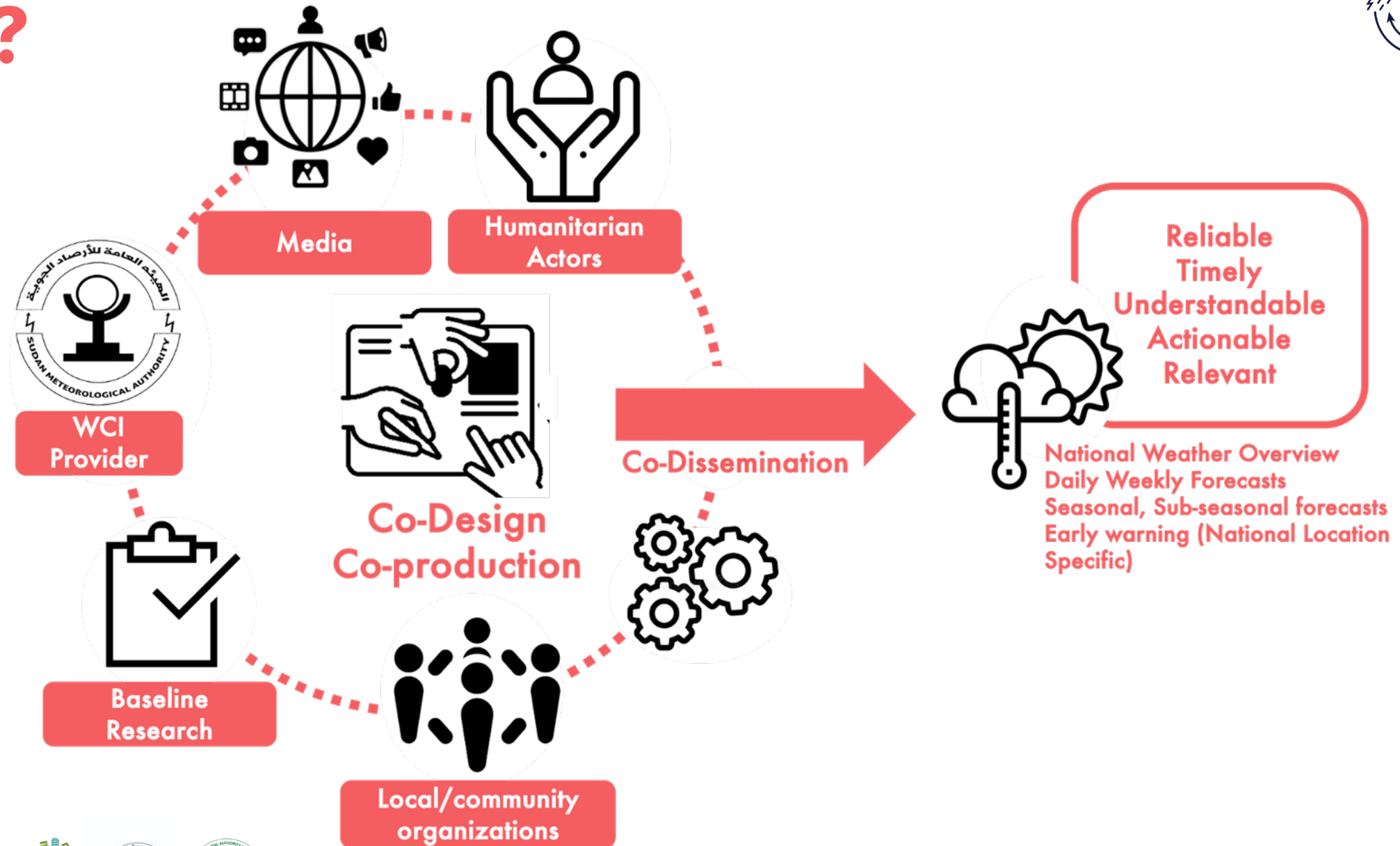
Watch

Who?

1. **Communities** affected by conflict, including IDPs and their hosts.
2. **Humanitarian Responders** including UN, INGOs and Sudanese NGOs.
3. **Farmers and Pastoralists.**



How?



Humanitarian Actors :

- Leverage **collective and sector /cluster specific expertise** to deliver actionable WCI tailored to community needs.
- Share networks and dissemination channels to **access hard-to-reach communities** effectively.
- Use location-specific weather forecasts and advice to **improve planning of humanitarian services**.

What is the value in working together ?

1. Support **data collection**.

1. **Participate in co-design/co-production**.

1. **Provide a thematic/cluster specific expert** to the co-production advisory panel.

1. **Support WCI dissemination** through the Shelter/ NFI Cluster and your networks and communication channels.

1. **Contribute to monitoring and feedback**

5 Core Collaboration Areas

Questions and comments



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