



F.2 (E)/2024-NDMA (MW/Flood-Advisory)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
Near ITP Office, Main Murree Road ISLAMABAD



Dated: 15th August 2024

Subject: **SIGNIFICANT FLOOD WARNING – RIVER CHENAB**

It is forecasted that **water flows** are likely to reach **HIGH LEVEL FLOOD (200,000 to 250,000 cusecs)** in **River Chenab (Marala, Khanki & Qadirabad)** and its **tributaries** during the **next 24 hours up to 16 August**. **PDMA Punjab, Irrigation Department** and **Respective District Administration(s) / DDMA(s), Municipal / City Administration(s)** of **Punjab** are advised to ensure following: -

- a. Identification of **vulnerable points / at-risk communities** and devise **mitigation and safety measures**.
- b. Maintain **enhanced alert level / monitoring** of developing situation to reduce reaction / response times.
- c. All civic agencies / rescue services (Rescue 1122 / Fire Brigade / Ambulance / Civil Defence) to **remain alert and ensure availability of personnel and equipment** during the mentioned period, especially in at-risk areas.
- d. People living along the banks of **River Chenab** and their associated **Tributaries / Nullahs** to be **sensitized about expected increase of water flows**.
- e. Timely **evacuation of at-risk population from low-lying / flood prone areas** as per **Evacuation Plans** and ensure availability of **shelter, food** and **medicines** in those **shelter camps**.
- f. Locals / farmers / cattle herders be **forewarned to shift cattle away from low lying areas** adjacent to Rivers and their associated Tributaries / Nullahs.
- g. Restrict vehicle movement in **low lying / at-risk areas**, close to Rivers and its associated water channels, tributaries / nullahs.
- h. Provision of **POL for back-up generators at water pumping stations** and timely **pre-placement of de-watering equipment for de-flooding**.
- i. DISCOs and relevant local administration / departments to **ensure that necessary arrangements are undertaken** to avoid electrocution incidents and timely restoration of power supply.
- j. Coordinate with concerned departments for **clearance of roads** in case of any blockage / obstruction, waterlogging and pre-placing of necessary emergency

equipment at vulnerable / appropriate locations.

- k. Travelers and tourists are **forewarned about risks posed at flood vulnerable locations and may be diverted to safe lay-by / waiting areas** with sufficient supply of water / food and essential medicines in case of adverse / dangerous road conditions by Police, NH&MP and Local Administrations.
- l. In case of any eventuality, **Special SITREP / Update** be shared immediately with NDMA.
2. **NDMA Flood Projections**. Flood Projections for **River Chenab** is enclosed as **Annex-A**.
3. **Flood Forecasting Division Only**. Please share regular updates on water flows on major rivers, **especially River Chenab every 3 hours** with NDMA.
4. **Press Information Department Only**. With the request for **wider circulation and public awareness**.
5. Forwarded for information / necessary action, please.



(Hammad Sadiq Rana)
Director (Response)

(Distribution List Below)

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FFD FLOOD WARNING FOR RIVER CHENAB



فلڈ فور کاسٹنگ ڈویژن لاہور
Flood Forecasting Division Lahore

No. A-10/2024
Government Of Pakistan
Ministry of Aviation (Aviation Division)
Pakistan Meteorological Department
Dated: 15-08 2024


**Significant Flood Warning for River Chenab
(Marala, Khanki & Qadirabad)**

According to the latest Hydro-Meteorological Conditions. **High Level Flood** ranging between 2,00,000 Cs to 2,50,000 Cs is expected in River Chenab at Marala, Khanki & Qadirabad alongwith Nullahs in Rivers Chenab & Ravi catchments during next 24-Hours.

All concerned authorities are advised to remain “ALERT” and take necessary measures to avoid any untoward situation during the forecast period.

Time: 1140 PST

The Director General
Met Services, HQ Camp Office,
Islamabad


(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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7. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.
8. Chairman, Federal Flood Commission, Islamabad.
9. Chief Secretary (Punjab).
10. Secretary Irrigation (Punjab).
11. DG PDMA, Punjab.
12. Commissioner, Lahore & Gujranwala.
13. Chief Engineer, Respective Division.
14. All other concerned.

RIVER CHENAB FLOOD PROJECTIONS



RIVER CHENAB FLOOD PROJECTIONS



Inundation Zones and Impact Assessment

ANTICIPATED EXPOSURE

Low Flood Extent (Discharge upto 150,000 Cusecs)

Exposed Elements

Settlements at Risk	Health at Risk	Number of Roads at Risk	Schools at Risk	Communication Towers at Risk	Number of Bridges at Risk
653	17	56	08	12	11

Medium Flood Extent (Discharge from 150,000 to 300,000 Cusecs)

Exposed Elements

Settlements at Risk	Health at Risk	Number of Roads at Risk	Schools at Risk	Communication Towers at Risk	Number of Bridges at Risk
1036	35	118	11	41	20

High Flood Extent (Discharge from 300,000 to 600,000 Cusecs)

Exposed Elements

Settlements at Risk	Health at Risk	Number of Roads at Risk	Schools at Risk	Communication Towers at Risk	Number of Bridges at Risk
1409	57	184	19	142	34

LIKELY EXPOSED AREAS

TEHSIL NAMES

Ahmadpur East	Chaubara	Pindi Bhattian	Jatoi
Bhawana	Phalia	18-Hazari	Kot Addu
Chiniot	Jalapur Pirwala	Jhang	Muzaffargarh
Lalian	Multan City	Shorkot	Kot Momin
Wazirabad	Multan Saddar	Kabirwala	Sambrial
Gujrat	Shujabad	Sialkot	Alipur
Hafizabad			

LEAD RESPONDER

- Punjab (PDMA, GoPb Line Department)
- NDMA Federal Organizations Including Military, WAPDA, Key Ministries
- Rescue 1122, UN Organization, Areas NGOs (Names as per NDMA index)

Expected Occurrence Time

July-September 2024

