



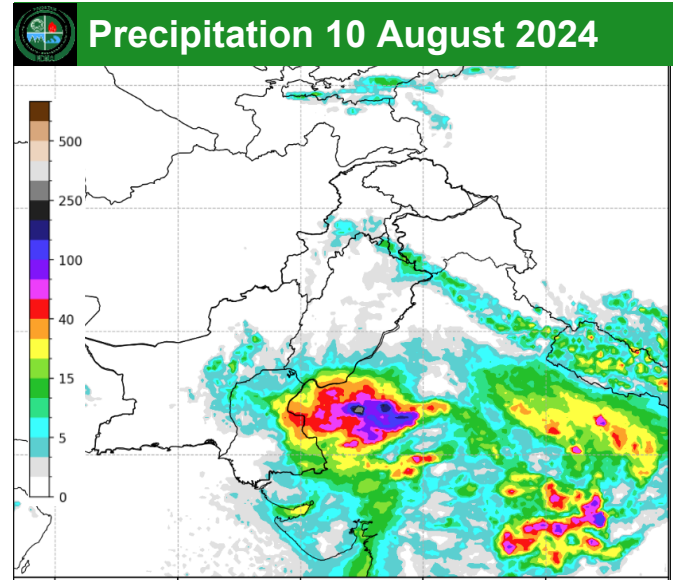
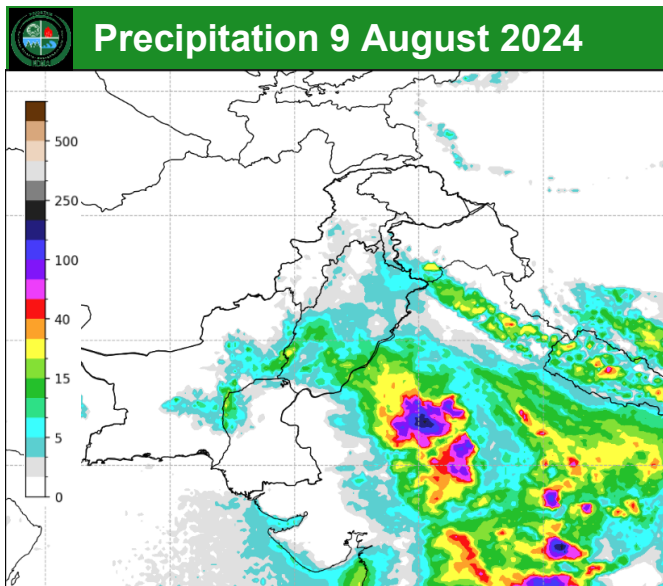
F.2 (E)/2024-NDMA (MW/ Special Advisory)  
**Government of Pakistan**  
**Prime Minister's Office**  
**National Disaster Management Authority (HQ)**  
 Main Murree Road Near ITP Office, Islamabad



Dated: **9 August 2024**

Subject: **Special Weather Advisory for Upper Catchment Areas of Rivers Chenab, Ravi & Sutlej and Gujranwala & Lahore Division on 9 - 12 August 2024**

**Heavy to Very Heavy** rains with isolated **Extremely Heavy Falls** are expected over upper catchment areas of rivers **Chenab, Ravi & Sutlej** and **Gujranwala & Lahore** Division. Scattered thunder storm of **Moderate to Heavy Intensity** with isolated **Very Heavy Falls** is also expected in **Islamabad** and rest of **Punjab, Khyber Pakhtunkhwa** along with **Zhob, Sibi, Nasirabad** and **Kalat** Divisions from **9 - 12 August 2024**. Following are the precipitation maps for said weather system: -



2. From **10 - 13 August 2024**, **Medium to High** level flows are expected in river Chenab along with Nullahs in **Chenab** and **Ravi** catchments. However, flows in river **Sutlej** will subject to the **releases** from **India**.

3. Under the influence of this weather system, following are likely impacts: -

a. **Punjab / Sindh / Islamabad Capital Territory**

- (1) Potential rise in **river flow** in the **Chenab, Ravi** and **Sutlej** rivers may pose **risks to lives, infrastructure** and **crops**.
- (2) **Hill torrents** may be triggered in D.G. Khan and Rajanpur.
- (3) **Rainfall** with chances of **heavy falls** may generate **flash / urban flooding** in municipalities / local nullahs / streams and river tributaries.
- (4) **Windstorms** may damage crops, loose structures, etc.
- (5) **Thunderstorms** to increase risk of **lightning strikes**.

- (6) **Electricity** / other **utility services** may **get disrupted**.
- (7) **General public** is advised to be aware of loose structures like **billboards, electrical poles, solar panels**, hoardings, etc.

b. **KP, Galiyat, Murree and State of AJ&K**

- (1) **Rainfall** may **trigger landslides, mudslides** or falling **boulders** potentially **disrupting roads** during this period in Upper Khyber Pakhtunkhwa, Galiyat, Murree, Gilgit Baltistan and State of AJ&K.
- (2) **Electricity** / other **utility services** may **get disrupted**.
- (3) **Heavy Rainfall** may generate **flash flooding** in local nullahs / streams and river tributaries.
- (4) **Windstorms** may damage crops, loose structures, etc.
- (5) **Thunderstorms** to increase risk of **lightning strikes**.
- (6) **General public** is advised to be aware of loose structures like **billboards, electrical poles, solar panels**, hoardings, etc.
- (7) **Tourists** are advised to **remain cautious** during the spell and check weather updates before traveling.

c. **Balochistan**

- (1) **Rainfall** may cause **flash flooding** in local nullahs.
- (2) **Hill torrents** may be triggered in Sulaiman and the Kirthar Ranges.
- (3) **Landslides / mudslides** may lead to potential **road blockages**.
- (4) **Windstorms** may damage crops, loose structures, etc.
- (5) **Thunderstorms** to increase risk of **lightning strikes**.
- (6) **Electricity** / other **utility services** may **get disrupted**.
- (7) **General public** is advised to be aware of loose structures like **billboards, electrical poles, solar panels**, hoardings, etc.

3. In this regard, all concerned Federal Ministries / Departments, respective Provincial Governments, their line departments including PDMAs / GBDMA / SDMA/ ICT Administration, DDMA/ local administrations, municipal authorities of major metropolises are advised to **ensure following along with any other measures deemed necessary: -**

a. **Aspects for Mass Awareness / Enforcement**

- (1) During thunderstorms and to avoid **lightning strike do not do the following:-**
  - (a) Do not stand close **to telephone or electric pylons**.
  - (b) Do not use landline telephones and any metal / wiring **that is not grounded**.
  - (c) Do not take cover **under trees**.
  - (d) Move away from **drainage canals** and **pondages**.
  - (e) Move **indoors** or **seek shelter** in a **dry place**.

- (2) Travellers / tourists **are advised to:** -
  - (a) Plan travels to picnic and tourist spots considering weather and traffic **conditions**.
  - (b) Properly dispose of garbage at **designated areas** to prevent clogging of drainage systems.
  - (c) **Avoid overcrowding picnic** and **tourist spots** and ensure personal safety.
  - (d) Keep children away from **nullahs / potholes / drainage lines** to avoid accidents.
  - (e) Wear **weather appropriate clothing**.
  - (f) Keep adequate **supply** of **clean drinking water**.
- (3) Do not risk crossing any **drain** or **road overtopping** with **water flow**. Wait for flows to normalise and prioritise / ensure safety.
- (4) Do not risk **entering** a **ponded under-construction road**.
- (5) Do not take / allow children **close** to **ponds / stagnant** water, water **drainage lines** or any place where **potholes** are **present**.
- (6) Sensitize all concerned on risks posed by **venturing into water channels** and **crossing nullahs** during flash floods.
- (7) Do not handle / repair any **electrical equipment**, especially with **exposed lines** to preclude risk of electrocution **during rainfall / thunderstorms** and water pondage.
- (8) Avoid staying in weak structures. In case of intense rain, seek shelter in safe places such as schools, government buildings, or any concrete buildings.

b. **DDMAs / Local Administrations / DM Responders**

- (1) Activation and deputation of duty staff for **round-the-clock monitoring** through Emergency Operation Centres (**EOCs**).
- (2) Collect and share the **latest information** with line departments, **provincial**, and **national authorities**.
- (3) Disseminate **advisories, alerts**, and **guidelines** to **all concerned**.
- (4) Generate Situation Reports (**SITREPs**) to cover any major incidents / developments.
- (5) Civic Agencies and **Rescue Services** (1122 / Fire Brigade / Ambulance / Civil Defence) to **remain alert** and have **sufficient emergency response personnel** and **equipment** during the forecasted holiday period.
- (6) Alert **masses living** in **low-lying areas** to exercise **extra caution** and activate **community-based alert systems**.


- (7) Limit the number of **tourists allowed entry** to **picnic** and **tourist spots** to **avoid overcrowding**.
- (8) Regulate **traffic** at **picnic** and **tourist spots** to ensure a smooth flow and **prevent congestion**.
- (9) Provision of **POL** for **backup generators** at **water pumping stations** and timely **pre-placement** of **dewatering pumps** to respond to urban flooding in cities.
- (10) Secure **loose structures including billboards / hoardings / solar panels** from effects of windstorms / thundershowers.
- (11) Under advised of local administration and LEAs, **restrict seasonal nullah crossings**.

c. **PDMA / SDMA / GBDMA / ICT Administration**

- (1) Coordinate with respective PDMA to **align local efforts** with provincial strategies and guidelines.
- (2) Activate / **ensure staffing** of **HR** in **EOCs** for effective **coordination** and **response**.
- (3) Establish a **streamlined** and **efficient communication channel** to ensure **timely dissemination** of weather forecasts, **advisories**, and **alerts** to local administrations and the **public**.
- (4) Ensure flow of information **among all stakeholders** is **accurate**, **timely**, and effectively **coordinated**.
- (5) Ensure **enforcement / dissemination** of **mitigative / preparedness / response guidelines** to **all** concerned.
- (6) Ensure **pre-placement** of **heavy earth moving machinery** at **chokepoints / at-risk regions** for managing landslides and restoration of roads.
- (7) Coordinate with Local Administrations / Line Departments to **proactively provide necessary resources** / HR and support during emergency situations.
- (8) Ensure **adequate stocking** of **resources / machinery / relief** within provincial and district capacities. Additionally, ensure availability of resources specific to ongoing seasonal hazards.
- (9) Conduct **detailed risk / impact / vulnerability assessments** at UC to District level and tailor disaster response mechanisms accordingly.
- (10) Maintain a **comprehensive database** of **vulnerable populations** and critical infrastructure within the jurisdiction.
- (11) Ensure **rapid damage** and **needs assessments** follow major incidents.

d. **Federal Ministries / Departments**

- (1) Ensuring **interagency coordination** and **information sharing** for monitoring and handling emergencies.
  - (2) Raise **mass awareness through respective platforms** relevant stakeholders about **seasonal hazards**.
  - (3) Direct **LEAs, NH&MP** and line departments to **regulate traffic flow, advised travellers / tourists regarding likely situations / dangers** and **safety measures**.
  - (4) Issue **necessary instructions** to **departments**, such as NHA, FWO and C&W for immediate restoration of roads in case of any blockage / obstruction / closures and preplacing of necessary emergency equipment at vulnerable / strategic locations.
  - (5) Ensure **strict** and **proactive monitoring** of the **movement** around/ in close vicinity of nullahs and water channels to **avert possibilities** of **drowning**.
4. In case of any eventuality, twice-daily updates be shared with NDMA.
  5. With the request for wider circulation and public awareness.

  
(Hammad Sadiq Rana)  
Director (Response)  
Tel No: 051-9030924  
Fax No: 051-9030729

To: Secretary, Ministry of Interior, Islamabad  
Secretary, Ministry of National Health Services, Regulation & Coordination, Islamabad  
Secretary, Ministry of Information & Broadcasting, Islamabad  
Secretary, Ministry of Climate Change, Islamabad  
Secretary, Ministry of Communications, Islamabad  
Secretary, Ministry of Water Resources, Islamabad  
Secretary, Ministry of Energy, Islamabad  
Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar  
Director General, Pakistan Meteorological Department, Islamabad  
Chairman, Federal Flood Commission (FFC), Islamabad  
Chairman, National Highway Authority (NHA), Islamabad  
Chairman, WAPDA, Lahore  
Director General, PDMA Khyber Pakhtunkhwa, Peshawar  
Director General, Rescue 1122 Khyber Pakhtunkhwa, Peshawar  
Principal Information Officer, Press Information Department, Islamabad  
Headquarters, Frontier Works Organization (FWO), Rawalpindi  
Headquarters, National Highways & Motorway Police, Islamabad  
Headquarters, National Electric Power Regulatory Authority, Islamabad  
Headquarters, National Transmission & Dispatch Company (NTDC), Islamabad  
Headquarters, Pakistan Railways, Lahore

Cc: Secretary to Prime Minister, Prime Minister's Office, Islamabad  
Secretary, Cabinet Division, Islamabad  
Joint Crises Management Cell, Joint Staff Headquarters, Chaklala Cantt  
Military Operations Directorate (MO-4), General Headquarters, Rawalpindi Cantt  
ACNS (Operations), Naval Headquarters, Islamabad  
ACAS (Operations), Air Headquarters, Islamabad

**FFD FLOOD FORECAST FOR MAJOR RIVERS**

**GOVERNMENT OF PAKISTAN  
PAKISTAN METEOROLOGICAL DEPARTMENT  
FLOOD FORECASTING DIVISION  
46-JAIL ROAD LAHORE-54000**

**BULLETIN No. C-055/24**

**Dated: 08<sup>th</sup> August, 2024  
Time: 11:20 hours (PST)**

**SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR  
RIVERS' CATCHMENTS' (09<sup>th</sup>-August, 2024 to 15<sup>th</sup>-August, 2024)**

➤ **RAINFALL OUTLOOK:**

Scattered to Widespread thunderstorm rain of **HEAVY TO VERY HEAVY** intensity with Isolated **EXTREMELY HEAVY FALLS** is expected over the upper catchment of rivers **Sutlej, Ravi** and **Chenab** along with Gujranwala and Lahore divisions. Scattered thunderstorm of **MODERATE TO HEAVY INTENSITY** with isolated **Very Heavy Falls** is expected over Islamabad and rest of Punjab, Kyber Pakhtunkhwa along with Zhob, Sibi, Nasirabad and Kalat divisions.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

From 10<sup>th</sup> to 13<sup>th</sup> August, **Medium to High level flows** are expected in river Chenab along with Nullahs in Chenab and Ravi catchments. However, flows in river Sutlej will subject to the releases from India.

**Note:** This forecast is updated on daily basis.

**--sd/--  
(Shahid Abbas)  
Chief Meteorologist  
FFD Lahore**