



F.2 (E)/2022-NDMA (MW/Flood Advisory-I)  
**Government of Pakistan**  
**Prime Minister's Office**  
**National Disaster Management Authority**  
**ISLAMABAD**



Dated: **21<sup>st</sup> August 2022**

Subject: **RIVERS SITUATION AND QUALITATIVE FLOOD/WEATHER FORECAST**

Flood Forecasting Division (FFD) has forecasted a **VERY HIGH TO EXCEPTIONALLY HIGH** Level Flooding in the **Hill Torrents of DG Khan Division** during next 24 hours and from 23rd to 26th August, 2022. Flows from Hill Torrents of DG Khan Division may rise River Indus flows at **Taunsa** from **HIGH to VERY HIGH** flood level during this period. Copy of FFD Bulletin No. A-068/22 dated 21<sup>st</sup> August 2022 is attached as **Annex-A**. All concerned Federal Ministries / Departments, PDMA Punjab, Punjab Irrigation Department, Respective District Administrations / DDMA's, Municipal / City Administrations are advised to ensure following: -

- a. Identification of vulnerable points / at-risk communities and devise mitigation 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 Defense) to remain alert and ensure availability of personnel and equipment in at-risk areas during the forecasted period.
- d. People living along the banks of Rivers Indus and in vicinity of Hill Torrents 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 shelters, 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 Indus and in vicinity of Hill Torrents.
- g. Restrict vehicle movement in low lying / at-risk location, in the vicinity of Hill Torrents areas.
- h. Provision of POL for back-up generators at water pumping stations and timely pre-placement of de-watering equipment to flooding.
- i. Provision of relief / medical supplies to affectees in timely manner.
- 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. **Flood Forecasting Division Only.** Please share regular updates on water flows on major rivers and Hill Torrents of DG Khan and Rajanpur.
3. **Press Information Department only.** With the request for wider circulation and public awareness.
4. Forwarded for information / necessary action, please.



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To: Federal Ministries & Departments (Interior, National Health Services, Information & Broadcasting, Climate Change, Communications, Energy & Water Resources)  
Director General, Pakistan Meteorological Department, Islamabad  
Chief Secretary, Government of Punjab, Lahore  
Secretary (Home), Government of Punjab, Lahore  
Chief Meteorologist, Flood Forecasting Division, Lahore  
Director General, PDMA Punjab, Lahore  
Director General, Rescue 1122 Punjab, Lahore  
Commissioner, Gujranwala Division  
General Manager, National Highways Authority (NHA), Islamabad  
Principal Information Officer, Press Information Department, Islamabad  
Headquarters, Frontier Works Organization (FWO), Rawalpindi  
National Transmission & Despatch Company (NTDC) Islamabad  
Headquarters, National Highways & Motorway Police, Islamabad

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



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



BULLETIN No. A-068/22

Dated: 21<sup>st</sup> August, 2022  
Time: - 11:10 hours (PST)

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| <ol style="list-style-type: none"> <li>1. President Secretariat, Islamabad.</li> <li>2. PM House, Islamabad.</li> <li>3. Federal Minister for Water Resources, Islamabad.</li> <li>4. Governor (All Provinces).</li> <li>5. Chairman NDMA, Islamabad.</li> <li>6. Chief Minister (All Provinces).</li> <li>7. PM Secretariat, Islamabad.</li> <li>8. Secretary, Aviation Division, Islamabad.</li> <li>9. Secretary, Ministry for Water Resources, Islamabad.</li> <li>10. Secretary, Ministry of Information, Islamabad.</li> <li>11. Chairman NHA, Islamabad.</li> <li>12. Chief Secretary (All Provinces).</li> <li>13. PDMA'S (D.G'S, All Provinces &amp; AJK).</li> </ol> | <ol style="list-style-type: none"> <li>14. Chairman, Federal Flood Commission, Islamabad.</li> <li>15. Chairman, Indus River System Authority, Islamabad.</li> <li>16. Chairman, PCRWR, Islamabad.</li> <li>17. The Secretary General, Red Crescent, Islamabad.</li> <li>18. Secretary, Irrigation Department, (All Provinces).</li> <li>19. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.</li> <li>20. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.</li> <li>21. Chief Engineer, Mangla/Tarbela/Chashma.</li> <li>22. Chief Engineer, Irrigation (All Provinces).</li> <li>23. Chief Engineer, (All Barrages).</li> <li>24. Chief Engineer, C.D.O. (Muzaffarabad).</li> <li>25. Commissioner for Indus Waters, Lahore.</li> <li>26. All other concerned.</li> </ol> |
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**SUBJECT: RIVERS SITUATION AND QUALITATIVE FLOOD/WEATHER FORECAST**

**I: HYDROLOGICAL SITUATION ( AT 0600 PST):**

River Indus at Taunsa, Guddu & Sukkur is in medium flood level. River Indus at Tarbela, Kalabagh, Chashma, Kotri and River Kabul at Nowshera are in low flood level.

- **Moderate to Heavy Flash Flooding** is expected in the Rivers/Nullahs of Eastern Balochistan during next 24 hours.
- **VERY HIGH TO EXCEPTIONALLY HIGH** Level Flooding is likely in the Hill Torrents of DG Khan Division during next 24 hours and from 23<sup>rd</sup> to 26<sup>th</sup> August, 2022.

**(ALERT): Flows from Hill Torrents of DG Khan Division may rise Taunsa flows up to HIGH to VERY HIGH flood level during next 24 hours and also from 23<sup>rd</sup> to 26<sup>th</sup> August, 2022.**

**II: METEOROLOGICAL FEATURES:**

- a) Yesterday's low-pressure area over Jacobabad remained stationary.
- b) Yesterday's trough of westerly wave over Northern parts of the country continues to persist.
- c) Yesterday's "DEEP DEPRESSION" over North Orissa has moved West-Northwestwards and today lies over Northwest Chattisgarh and adjoining Madhya Pradesh as "DEPRESSION". It is likely to move further in the same direction.
- d) Seasonal low lies over Northwest Balochistan.
- e) Moderate Moist currents from Arabian Sea are penetrating Sindh, Balochistan & Southern Punjab up to 6000 feet.

**III: WEATHER FORECAST FOR NEXT 24-HOURS:**

Scattered to Widespread thunderstorm/rain with **HEAVY FALLS** at isolated places and **VERY HEAVY FALLS** at one or two places is expected over **CENTRAL & UPPER SINDH, EASTERN BALOCHISTAN** along with **DG KHAN & DI KHAN** Divisions. Scattered thunderstorm/rain of moderate intensity with isolated heavy falls is expected over the upper catchments of all the Major Rivers along with Islamabad and Peshawar, Kohat, Banmu, Rawalpindi, Sargodha, Gujranwala, Lahore & Bahawalpur Divisions. Isolated thunderstorm/rain of light to moderate intensity is expected over rest of the country.

**IV: WEATHER OUTLOOK:**

**(ALERT): A Fresh Strong Monsoon activity is likely over Sindh, Balochistan & South Punjab from 23<sup>rd</sup> to 26<sup>th</sup> August, 2022.**

**V: RIVERS CATCHMENTS RAINFALL RECORDED (MM) DURING LAST 24 HRS (UPTO 0800 PST):**

Indus:	Moin-Jo-Daro=125, Khairpur=79, Daggar=72, Kakul=68, Murree=64, Attock=56, Mamad Gut=52, Lower Dir=49, Jacobabad=48, DG Khan (Fort Munro)=46, Airport=21, Vehova=13, Zain Sanghar=11 & Marri=01, Larkana=43, Mohmand Dam=34, Barkhan=30, Pashat-Bajaur=29, Landi Kotal=26, Rohri=24, Pattan=23, Sukkur & Bhandu Wala=22 (each), Tarbela=19, Dir=18, Rahim Yar Khan & Saidu Sharif=17 (each), Mirkhani=16, Ghalanai=15, Khampur, Kalam, Besham & Malam Jabba=13 (each), Chitral & Shinkiani=12 (each), Parachinar=11, Oghi=10, Astore & Buner=07 (each), Drosh & Bunji=06 (each), Bagrote=05, D.I.Khan (City=04 & Airport=Trace), Babusar=04, Gupis, Chhor, Hunza & Mardan=03 (each), Peshawar (City=02 & Airbase=Trace), Kamra (Airbase) & Takht Bai=02 (each), Skardu=01, Padidan, Layyah, Bhakkar, Gilgit, Tirah-Khyber, Risalpur & Chilas=Trace (each).
Jhelum:	Dhulli=91, Palandri=80, Bandi Abbaspur=76, Garhi Dopatta & Balakot=25 (each), Rawalakot=21, Hajira=20, Chakothi=14, Haraman=06, Muzaffarabad (City=01 & Airport=Trace) & Chattar Kallas=Trace.
Chenab:	Gujranwala=06 & Multan (Airport)=Trace.
Ravi:	Lahore [Luckshami=42, Jail Road=38, Johar Town=21, Gulshan e Ravi, Samanabad & Punjab University=20 (each), Iqbal Town=16, Mughal Pura=14, Shahi Qilla=13, Misri Shah & Upper Mall=08 (each), Gulberg=07, Taj Pura=03, Township, Airport & Shahdara=Trace (each)].
Sutlej:	-Nil-
Others	Khwazdar=57, Lasbela=41, Kalat=40, Zhob=25, Quetta (Sheikh Manda=18 & Samungli=16), Ziarat=15, Dalbandin=14, Chaman=11, Sibbi=10, Muslim Bagh=08, Karachi [Airport=01, Orangi Town, Faisal Base, University Road, Gulshan e Hadeed, Kemari, Korangi Town, Quaidabad, Nazimabad & Masroor=Trace (each)] & Pishin=Trace.

(SHAHID ABBAS)  
DIRECTOR  
For Chief Meteorologist