



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



Dated: **22<sup>nd</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** is likely in the **Hill Torrents of DG Khan Division** and in Rivers/Nullahs of Eastern Balochistan from 23 to 26 August, 2022. Flows from Hill Torrents of DG Khan Division may rise Taunsa flows up To **High to Very High** flood level from **23 to 26 August, 2022** and urban flooding is also expected in Sindh during the same period. Furthermore, **High to very High-level flooding** is expected in **River Kabul at Nowshera and Tributaries of Rivers Kabul & Indus**. Bulletin No. A-069/22 dated 22 August 2022 is attached as **Annex-A**. All concerned Federal Ministries / Departments, PDMA Punjab/ Sindh/ KP, Respective Irrigation Departments, Respective District Administrations / DDMA, 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.
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 Secretaries, Government of KP, Punjab and Sindh  
Secretaries (Home), Government of KP, Punjab and Sindh  
Chief Meteorologist, Flood Forecasting Division, Lahore  
Director General, PDMAs KP, Punjab and Sindh  
Director General, Rescue 1122 KP, Punjab and Sindh  
Commissioner, DG Khan 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-069/22**

**Dated: 22<sup>nd</sup> August, 2022**  
**Time: - 11:00 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 & River Kabul at Nowshera are in High flood level. River Indus at Guddu & Sukkur is in Medium Flood Level and at Tarbela, Kalabagh, Chashma & Kotri is in low flood level.

**(ALERT)**

- **VERY HIGH TO EXCEPTIONALLY HIGH Level Flooding is likely in the Hill Torrents of DG Khan Division and in Rivers/Nullahs of Eastern Balochistan from 23<sup>rd</sup> to 26<sup>th</sup> August, 2022.**
- **Flows from Hill Torrents of DG Khan Division may rise Taunsa flows up to HIGH to VERY HIGH flood level from 23<sup>rd</sup> to 26<sup>th</sup> August, 2022. Urban Flooding is also expected in Sindh during the same period.**
- **High to very High-level flooding is expected in River Kabul at Nowshera and Tributaries of Rivers Kabul & Indus.**

**II: METEOROLOGICAL FEATURES:**

- a) Yesterday's Monsoon low-pressure area over Jacobabad today lies over Southeast Sindh.
- b) Yesterday's trough of westerly wave over Northern parts of the country has moved away Eastwards and a fresh trough of westerly wave lies over Northern parts of Iran.
- c) Yesterday's **DEPRESSION** over Northwest Chattisgarh and adjoining Madhya Pradesh moved further West-Northwestwards and today lies over Northern Madhya Pradesh and adjoining areas. It is likely to move further in the same direction.
- d) Seasonal low lies over west Balochistan.
- e) Moderate Moist currents from Arabian Sea are penetrating Sindh, Balochistan & Southern Punjab up to 3000 feet.

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

Scattered thunderstorm/rain of moderate intensity with isolated heavy falls is expected over **upper & southeast SINDH, EASTERN BALOCHISTAN** along with upper catchments of Rivers Kabul & Indus and Peshawar, Kohat, Bannu, DI Khan, DG Khan, Multan & 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 along with Peshawar, Kohat, Bannu, DI Khan & Sargodha Divisions along with upper catchments of Rivers Kabul and Indus 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:	Larkana=157, Khairpur=99, Moin-Jo-Daro=98, Sukkur=67, Rohri=59, DG Khan [Zain Sanghar=56, Fort Munro =26, Airport=18, Marri=01 & Vehova=Trace], Jacobabad=46, Hunza & Padidan=40(each), Barkhan=24, Kalam & Shaheed Benazirabad=20(each), Dir=16, Bagrote=10, Mirkhani=09, Gupis=08, Bhandu Wala & Parachinar=06(each), Malam Jabba, Drosch & Babusar=05(each), Gilgit, Dadu & Sakrand=03(each), Mamad Gut, Lower Dir, Saidu Sharif & Tirah-Khyber=02(each), Mohmand Dam, Pashat-Bajaur & Cherat=01(each), Peshawar (City, Airport & Bacha Khan A/P), Takht Bai, Landi Kotal, Pattan, Ghalanai, Besham, Buner, Mardan, Risalpur, Chitral, Nowshera & Badin=Trace(each).
Jhelum:	Kotli=40, Domel=05, Muzaffarabad (City=02 & Airport=01), Chakothei & Haraman=01(each), Chakwal=Trace.
Chenab:	Kot Addu=17 & Multan (Airport)=01.
Ravi:	-NIL-
Sutlej:	Bahawalpur (City=02 & Airport=Trace).
Others	Quetta (Sheikh Manda=45 & Samungli=19), Kalat=40, Pishin=33, Muslim Bagh & Zhob=24(each), Ziarat=22, Chaman=19, Sibbi=10, Loralai=02, Karachi [Gulshan e Hadeed, Korengi, Saadi Town, Surjani Town, Kemari, Ghulshan e Mymar, Gudap Town, Saddar, Airport, Orange Town, Faisal Base, University Road, Quaidabad, Nazimabad, Masroor Base, North Karachi, Jinnah Terminal, DHA=Trace(each)].

**(SAHIBZAD KHAN)**  
**DIRECTOR GENERAL**