

MOST IMMEDIATE / BY FAX



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



Date: **17 August 2022**
Time: **1730 hrs**

Subject: **FLOOD ADVISORY – HILL TORRENTS / FLASH FLOODING / URBAN FLOODING (17-19 AUGUST 2022)**

Reference: *NDMA Weather Advisory dated 17 August 2022 – 1730 hours*

Flood Forecasting Division (FFD) has forecasted that **SEVERE FLASH FLOODING** is expected in the **Hill Torrents of Dera Ghazi Khan Division** along with **Rivers / Nullahs of Eastern Balochistan**, which may cause **Medium to High Flood** in **River Indus at Taunsa, Guddu & Sukkur**. **SEVERE URBAN FLOODING** is also expected in Sindh from **17-19 August 2022 (Wednesday to Friday)**; *Flood Forecasting Division Bulletin No A-064/22 dated 17 August (1050 hours) attached as Annex-A*. All concerned Federal Ministries / Departments, PDMA Punjab, PDMA Sindh, Punjab Irrigation Department, Sindh Irrigation Department and Respective District Administration(s) / DDMA(s), Municipal / City Administration(s) are advised to ensure following: -

- a. In the light of identification of vulnerable areas, forewarn at-risk communities.
- b. Maintain enhanced alert level / monitoring of developing situation to reduce reaction / response times.
- c. Pre-placing the rescue teams and equipment for rapid deployment in vulnerable areas.
- d. People living along the areas of hill torrents and the banks of River Indus 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 availability of shelter, food and medicines in those shelter camps.
- f. Locals / farmers / cattle herders be forewarned to shift cattle away from areas of Hill Torrents.
- g. Restrict vehicle movement in areas likely to be affected by Hill Torrents.
- h. 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 from Hill Torrents of DG Khan Division and River Indus every 3 hours with NDMA.

3. **Press Information Department Only.** With the request for wider circulation and public awareness.
4. Forwarded for information / necessary action, please.



(Muhammad Ali Khan)
Director (Response)

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- To: Federal Ministries & Departments (Interior, National Health Services, Information & Broadcasting, Climate Change, Communications, Energy & Water Resources)
Chairman, National Highway Authority (NHA), Islamabad
Inspector General, National Highways & Motorway Police, Islamabad
Chief Meteorologist, Flood Forecasting Division, Lahore
Chief Secretary, Government of Punjab, Lahore
Chief Secretary, Government of Sindh, Karachi
Secretary (Home), Government of Punjab, Lahore
Secretary (Home), Government of Sindh, Karachi
Secretary, Punjab Irrigation Department, Lahore
Secretary, Sindh Irrigation Department, Karachi
Director General, PDMA Punjab, Lahore
Director General, Rescue 1122 Punjab, Lahore
Director General, PDMA Sindh, Karachi
Director General, Rescue 1122 Sindh, Karachi
Commissioner, Dera Ghazi Khan Division
Deputy Commissioner, District Dera Ghazi Khan
Principal Information Officer, Press Information Department, Islamabad
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National Transmission & Despatch Company (NTDC) Islamabad
- Cc: Secretary to Prime Minister, Prime Minister's Office, Islamabad
Secretary, Cabinet Division, Islamabad
Chairman, Federal Flood Commission (FFC), Islamabad
Director General, Pakistan Meteorological Department (PMD), Islamabad
Commissioner, Pakistan Commission for Indus Waters, Islamabad
Joint Crises Management Cell, Joint Staff Headquarters, Chaklala
Military Operations Directorate (MO-4), General Headquarters, Rawalpindi
Army Flood Control Centre, Engineers Directorate, General Headquarters, Rawalpindi
ACNS (Operations), Naval Headquarters, Islamabad
ACAS (Operations), Air Headquarters, Islamabad
- ID: PRO, NDMA
Deputy Director ICT, NDMA



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



BULLETIN No. A-064/22

Dated: 17th August, 2022
Time: - 10:50 hours (PST)

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

I: HYDROLOGICAL SITUATION:

River Indus at Tarbela, Kalabagh, Chashma, Taunsa, Guddu, Sukkur and River Chenab at Qadirabad are in Low Flood Level. **(WARNING) SEVERE Flash Flooding is expected in the Hill Torrents of D.G. Khan Division along with Rivers/Nullahs of Eastern Balochistan during 17th to 19th August, 2022. Flows from Hill Torrents of D.G. Khan Division may cause Medium to High Level Flooding in River Indus at Taunsa, Guddu & Sukkur. SEVERE Urban Flooding is also expected in Sindh during 17th to 19th August, 2022.**

II: METEOROLOGICAL FEATURES:

- a) Yesterday's Depression over West Madhya Pradesh has moved West-Northwestwards and today lies over Western Parts of Rajasthan with the same intensity. It is likely to move further in West-Northwestwards direction and affect Sindh, Balochistan along with DI Khan, Multan & DG Khan Divisions vigorously during next 03-days.
- b) Yesterday's trough of westerly wave over Northern parts of Afghanistan continues to persist.
- c) Yesterday's "low pressure area" over North Arabian Sea has become insignificant.
- d) Seasonal low lies over Northwest Balochistan.
- e) Intense Moist currents from Arabian Sea are penetrating Sindh, Balochistan and Southern Punjab up to 15000 feet.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

(WARNING) WIDESPREAD THUNDERSTORM/RAIN with **HEAVY TO VERY HEAVY FALLS** at scattered places and **EXTREMELY HEAVY FALLS** at isolated places is expected over **SINDH AND EASTERN BALOCHISTAN**. Scattered to widespread thunderstorm/rain of moderate to **HEAVY INTENSITY** with isolated **VERY HEAVY FALLS** is expected over Bahawalpur, D.G. Khan, Multan, Sargodha & D.I. Khan Divisions. Scattered thunderstorm/rain of moderate intensity with isolated heavy falls is expected over rest of the country except West Balochistan.

IV: WEATHER OUTLOOK FOR 18th to 19th August, 2022 :

(WARNING) FAIRLY WIDESPREAD thunderstorm/rain with **VERY HEAVY** falls at scattered places and **EXTREMELY HEAVY** falls at isolated places is expected over **SINDH, EASTERN BALOCHISTAN** along with **BAHAWALPUR, MULTAN, DG KHAN, & DI KHAN** Divisions.

Scattered thunderstorm/ rain of moderate intensity with isolated heavy falls is expected over rest of the Country except West Balochistan.

V: RIVERS CATCHMENTS RAINFALL RECORDED (MM) >04 DURING LAST 24 HRS (UPTO 0800 PST):

Indus:	Tando Jam=129, Thatta=52, Mithi=46, Murree=45, Larkana=40, Islamabad [Shamsabad=34, Saidpur=29, Golra=25, Zeropoint=19, Chaklala (Airbase)=18 & Bokra=06], Rohri=33, DG Khan [Airport=31, Vehova=28, Fort Munro=09 & Zain Sanghar=05], Malam Jabba=31, Mirkhani=30, Mirpur Khas=28, Chhor=27, Padidan=26, Hyderabad=24, Cherat=22, Drosh & Khairpur=21(each), Besham=20, Jacobabad, Khanpur & Kamra (Airbase)=18(each), Shaheed Benazirabad=16, D.I.Khan (A/P=15 & City=05), Badin =15, Peshawar [Airport =15, Bacha Khan A/P=14 & City=09], Gupis=14, Kalam, Kohat (Airbase), Rahim Yar Khan & Landi Kotal=12(each), Pattan & Bunji=11(each), Mamad Gut, Dir & Tirah-Khyber=10(each), Sukkur=09, Tarbela=07, Sakrand, Kakul, Ghalanai & Gilgit=06(each), Lower Dir, Layyah, Oghi, Chitral, Mianwali (Airbase) & Attock=05(each).
Jhelum:	Chakothei=25, Palandri=19, Bandi Abbaspur=16, Kotli=15, Hajira=13, Domel=11, Muzaffarabad (Airport=10 & City=09), Garhi Dopatta=07.
Chenab:	Kot Addu=14 & Buner=12.
Ravi:	-Nil-
Sutlej:	-do-
Others	Karachi [Gadap Town=98, Kemari=45, Orangi Town & Saadi Town=43(each), Saddar=37, Masroor Base=32, Quaidabad=25, Nazimabad=21, Gulshan e Hadeed=19, University Road=18, Airport=13, Surjani Town=12, Jinah Terminal & Faisal Base =10(each), DHA=07, Korangi =05], Panjgur=38, Muslim Bagh=15, Pishin=13, Ziarat=10, Kalat=08, Turbat=05.

**(IKRAM UD DIN)
DIRECTOR
For Chief Meteorologist**