



MONSOON 2021 DAILY SITUATION REPORT NO – 045

(Period Covered: 1300 Hrs 13 August 2021 – 1300 Hrs 14 August 2021)

1. Area Affected (Last 24 Hours).

| Ser | Province / Rgn | Daily Incident |
|-----|--------------------|---|
| a. | ICT | Nothing to Report (NTR) |
| b. | Balochistan | |
| c. | Khyber Pakhtunkhwa | |
| d. | Punjab | |
| e. | Sindh | |
| f. | AJ&K | |
| g. | Gilgit Baltistan | <ul style="list-style-type: none"> • Jaglot - Skardu Road was blocked at Gunji area due to landslide and restored by FWO. • Landslides/ Mudflows reported at following roads on KKH: - <ul style="list-style-type: none"> • RD 243+000 near Jijal • RD 245+500 near Shaitan Pari Road blocked for all types of traffic at above mentioned roads. Rehabilitation work under progress. • Rehabilitation work under progress at Badswat, Assumber valley & Hispar. |

2. Cumulative Damages (1 July to date)

a. Summary of Casualty – Injured/ Death

| Province / Region | Deaths | | | | Injured | | | |
|-------------------|-----------|-----------|-----------|------------|------------|----------|-----------|------------|
| | M | F | C | T | M | F | C | T |
| AJ&K | 4 | 2 | 2 | 8 | 1 | 2 | 1 | 4 |
| Balochistan | 13 | 3 | - | 16 | 10 | - | - | 10 |
| GB | 3 | 2 | 1 | 6 | - | - | - | - |
| ICT | - | 1 | 1 | 2 | - | - | - | - |
| KP | 14 | 1 | 13 | 28 | 35 | 7 | 14 | 56 |
| Punjab | 37 | 3 | 2 | 42 | 104 | - | - | 104 |
| Sindh | - | - | 3 | 3 | - | - | - | - |
| Total | 71 | 12 | 22 | 105 | 150 | 9 | 15 | 174 |

b. Summary of Damages of Infrastructure & Private Properties

| Province/ Rgn Wise | Road | Bridge | Shop | Hotels | Masjid | Houses | | Power Houses |
|--------------------|-----------|----------|-----------|----------|----------|------------|------------|--------------|
| | | | | | | PD | FD | |
| AJ&K | - | - | 2 | 3 | - | 1 | 30 | - |
| Balochistan | 6 | 1 | - | - | - | 113 | 45 | - |
| GB | 6 | 6 | 20 | - | - | - | 15 | 1 |
| ICT | - | - | - | - | - | - | - | - |
| KP | 1 | 2 | - | - | - | 81 | 6 | - |
| Punjab | - | - | - | - | - | 30 | 11 | - |
| Sindh | - | - | - | - | - | - | 150 | - |
| Total | 13 | 9 | 22 | 3 | - | 225 | 257 | 1 |

Note: PD: Partially Damaged, FD: Fully Damaged

Details of bridges is attached at **Annex A.**

3. **Flood Relief Activities**

- a. **Relief Camps Established**. NTR.
- b. **Rescue Activities**. NTR.
- c. **Aviation Activities**. NTR.
- d. **Relief Activities**. NTR.

4. **Threat to Next Likely Areas**. NTR.

5. **River Discharges**. As per FFD, all the Major Rivers are flowing below Low Flood Level.

Details of river discharges is attached as **Annex B**.

6. **Dams Levels**

| Ser | Reservoirs | Max Conservation Level & Storage | | Current Level & Storage | | Remaining Level & Storage | |
|---------------------------------------|------------|----------------------------------|--------|-------------------------|--------------|---------------------------|--------------|
| | | (Feet) | (MAF*) | (Feet) | (MAF*) | (Feet) | (MAF*) |
| a. | Tarbela | 1,550.00 | 5.882 | 1,542.03 | 5.427 | 7.97 | 0.455 |
| b. | Mangla | 1,242.00 | 7.356 | 1,202.25 | 4.476 | 39.75 | 2.88 |
| c. | Chashma | 649.00 | 0.278 | 646.90 | 0.183 | 2.1 | 0.095 |
| Total Storage | | - | | 13.516 (MAF) | | | |
| Total Storage till 14 Aug 2021 | | - | | 10.086 (MAF) | | | |
| Remaining Storage | | - | | 3.43 (MAF) | | | |

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD**. 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, Bannu, DI khan, Rawalpindi, Gujranwala & Sargodha Divisions. Scattered thunderstorm/rain of moderate intensity is also expected over Lahore, Faisalabad, Sahiwal, Multan & DG khan Divisions along with Northeast Balochistan.

8. **Rainfall Last 24 Hours**. Attached as **Annex C**.

9. **Weather Advisory / Press Release**. In response to PMD weather alert NDMA has issued weather advisory to all concerned on 11th August 2021 that strong monsoon currents are likely to penetrate in upper parts of the country from 12th August (Thursday) and likely to continue till 15th August (Sunday). Under the influence of this weather system, following is predicted: -

- a. Rain-wind-thundershower (with isolated heavy falls) is expected in Kashmir, Islamabad, Rawalpindi, Attock, Chakwal, Jhelum, Gujrat, Mandi Bahauddin, Sialkot, Narowal, Gujranwala, Hafizabad, Lahore, Okara, Sahiwal, Jhang, Toba Tek Singh, Faisalabad, Sargodha, Mianwali, Kohistan, Shangla, Mansehra, Abbottabad, Haripur, Mardan, Charsadda, Nowshera, Dir, Chitral, Peshawar, Kohat, Waziristan, Tank, Karak, Bannu, D.I. Khan, Bhakkar, Layyah and GilgitBaltistan (Ghizer, Astore,

Diamir, Skardu, Gilgit, Hunza, Nagar, Ghanche and Kharmang)with occasional gaps from 12th August (Thursday (night)) to 15th August (Sunday).

- b. Rain-wind-thundershower is also expected in, Dera Ghazi Khan, Rajanpur, Khanpur, Rahimyar Khan, Multan, Bahawalpur, Bahawalnagar, Sukkur, Larkana, Jacobabad, Dadu, Shaheed Benazirabad, Mirpurkhas, Naseerabad, Jaffarabad, Kohlu, Loralai, Barkhan, Zhob, Ziarat, Quetta, Mastung, Khuzdar and Kalat from 15th August Sunday (evening) to 17th August (Tuesday).

10. **Flood Warning / Alert.** NTR.

11. **Daily Flood / Base Flow Data Obtained from India**

| Ser | Name of Dam | Full Reservoir Level | Live Storage Capacity at FRL (MAF) | Current Live Storage (MAF) 05-08-21 | Current Level | Inflow | Outflow |
|-----|----------------------------|----------------------|------------------------------------|-------------------------------------|---------------|---------------|---------------|
| a. | Bhakra Dam River Sutlej | 1680 | 5.050 | 1.545 | 1610.25 | 34,034 | 21,082 |
| b. | Pong Dam River Beas | 1400 | 4.991 | 1.354 | 1334.16 | 17,595 | 13,401 |
| c. | Thein Dam River Ravi | 1732 | 1.900 | 0.683 | 1665.67 | Not available | Not available |

Reference: Ministry of Water Resources, Office of PCIW report dated 12 August 2021.

DETAILS OF DAMAGED BRIDGES

Khyber Pakhtunkhwa.

- 2 x Bridges i.e. Ayub bridge & Nowshera bridge were damaged in District Abbottabad on 11 July 2021.

Balochistan.

- 1 x Bridge was damaged in District Sibbi on 20th July 2021.

Gilgit Baltistan.

Foot/ Wooden Bridges:

- Chirah Wooden suspension Bridge (pedestrian bridge) got damaged in District Gilgit on 28th July 2021.
- 1 x Wooden Bridge at Yashkuk glacier got damaged in District Hunza on 30th July 2021.
- 1 x Wooden Bridge on Road Zoodkhun to Ziarat got damaged in District Hunza on 31 July 2021.

Road Bridges:

- 1 x Truss Bridge about 40 ft span on Road Zoodkhun to Ziarat got damaged in District Hunza on 31 July 2021.
- Bailey Bridge on Thogmus nullah got damaged in District Ghanche on 29th July 2021.
- Sholja Bridge got damaged in District Ghizer on 30th July 2021.
- 1 x Bridge got damaged in Badswat, Ishkoman Valley on 16th July 2021.
- Mirmalik Bridge got damaged in District Astore on 28th July 2021.

Annex B

To NDMA SITREP No-045

Dated 14 August 2021

RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION

| Rivers | Station | Design Capacity | Actual Observed Flow | | Forecast for Next 24 hrs (Inflow) | Forecasted Flood Level (Inflow) | Danger Level (V. High Flood) |
|--------------|-----------|-----------------|----------------------|---------|-----------------------------------|---------------------------------|------------------------------|
| | | | Inflow | Outflow | | | |
| River Indus | Tarbela | 1,500 | 170.0 | 140.4 | 170-180 | Below Low | 650 |
| | Kalabagh | 950 | 186.5 | 179.0 | No significant change | -do- | 650 |
| | Chashma | 1,000 | 175.8 | 166.2 | -do- | -do- | 650 |
| | Taunsa | 1,000 | 159.3 | 131.3 | -do- | -do- | 650 |
| | Guddu | 1,200 | 132.9 | 97.3 | -do- | -do- | 700 |
| | Sukkur | 900 | 98.0 | 44.2 | -do- | -do- | 700 |
| | Kotri | 875 | 130.6 | 95.1 | -do- | -do- | 650 |
| River Kabul | Nowshera | 540 | 37.5 | 37.5 | -do- | -do- | 200 |
| River Jhelum | Mangla | 1,060 | 34.0 | 20.6 | 30-60 | -do- | 225 |
| | Rasul | 850 | 19.3 | 15.8 | No significant change | -do- | 225 |
| River Chenab | Marala | 1,100 | 60.0 | 25.6 | 60-80 | -do- | 400 |
| | Khanki | 1,100 | 27.3 | 19.9 | No significant change | -do- | 400 |
| | Qadirabad | 900 | 22.8 | 2.8 | -do- | -do- | 400 |
| | Trimmu | 875 | 21.9 | 9.1 | -do- | -do- | 450 |
| | Panjnad | 865 | 20.7 | 7.9 | -do- | -do- | 450 |
| River Ravi | Jassar | 275 | 4.7 | 4.7 | -do- | -do- | 150 |
| | Shahdara | 250 | 22.3 | 22.3 | -do- | -do- | 135 |
| | Balloki | 380 | 34.3 | 5.6 | -do- | -do- | 135 |
| | Sidhnai | 150 | 20.7 | 3.3 | -do- | -do- | 90 |
| River Sutlej | G.S. Wala | - | 0.0 | 0.0 | -do- | -do- | 50 |
| | Sulemanki | 325 | 15.7 | 2.0 | -do- | -do- | 175 |
| | Islam | 300 | 1.3 | 0.0 | -do- | -do- | 175 |

Note. All data in Thousands of Cusecs

Annex C

To NDMA SITREP No-045

Dated 14 August 2021

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD

| Stations | Rainfall (mm) |
|------------------------------|---|
| Punjab | |
| Attock | 49 |
| Islamabad | (Saidpur 39, Z/P 23, Golra 03 & A/P 02) |
| Sialkot | (A/P 30 & City Trace) |
| Murree | 17 |
| Mangla | 10 |
| Rawalpindi | Shamsabad 08 |
| Balochistan | |
| Nil | |
| Khyber Pakhtunkhwa | |
| Malam Jabba | 26 |
| Kakul | 18 |
| Lower Dir | 17 |
| Bannu | 07 |
| Saidu Sharif | 06 |
| Mardan | 03 |
| Besham | 02 |
| Balakot, Mohmand Dam | 01 |
| Gilgit Baltistan | |
| Bagrote | 04 |
| Astore | 01 |
| AJ&K | |
| Rawalakot | 38 |
| Bandi Abbaspur | 16 |
| Kotli | 14 |
| Dhulli | 07 |
| Tandali | 06 |
| Garhi Dupatta, Chattar Kalas | 05 |
| Muzaffarabad | (City 04 & A/P Trace) |
| Deolian | 04 |
| Hajira | 03 |
| Chakothei, Brarkot | 02 |
| Haraman | 01 |
| Sindh | |
| Nil | |