



MONSOON 2021 DAILY SITUATION REPORT NO – 060
(Period Covered: 1300 Hrs 28 August 2021 – 1300 Hrs 29 August 2021)

1. **Area Affected (Last 24 Hours).**

Ser	Province / Rgn	Daily Incident
a.	ICT	<ul style="list-style-type: none"> Due to heavy rain in Islamabad and Rawalpindi from 0600 hr to 1020 hrs (Chaklala 111mm, Bokra 55mm, Shamsabad 34mm, H-8 sector 34mm, Golra 15mm, Saidpur 08mm), Nullah Lai crossed Pre-Alert level (8.3ft) and attained maximum level of 10ft at Gawal Mandi by (0920 hours). Situation normalized and no loss of life or property reported.
b.	Balochistan	Nothing to Report (NTR)
c.	Khyber Pakhtunkhwa	
d.	Punjab	
e.	Sindh	
f.	AJ&K	
g.	Gilgit Baltistan	

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	15	6	3	24	8	-	1	9
GB	3	2	1	6	-	-	-	-
ICT	-	1	1	2	-	-	-	-
KP	21	9	31	61	41	24	47	112
Punjab	38	4	3	45	106	3	2	111
Sindh	-	-	3	3	-	-	-	-
Total	81	24	44	149	156	29	51	236

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	-	-	-	114	45	-
GB	6	6	20	-	-	-	15	1
ICT	-	-	-	-	-	-	-	-
KP	1	2	-	-	-	86	6	-

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Masjid	Houses		Power Houses
						PD	FD	
Punjab	-	-	-	-	-	32	11	-
Sindh	-	-	-	-	-	-	150	-
Total	13	9	22	3	-	233	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 "Flood Limits". 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	1546.48	5.681	3.52	0.201
b.	Mangla	1,242.00	7.356	1199.80	4.316	42.2	3.04
c.	Chashma	649.00	0.278	642.60	0.070	6.4	0.208
Total Storage		-	-	13.516	(MAF)		
Total Storage till 29 Aug 2021		-	-	10.067	(MAF)		
Remaining Storage		-	-	3.449	(MAF)		

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD**. Scattered thunderstorm/rain of moderate intensity is expected over the upper catchments of all major rivers along with Peshawar, Kohat, Bannu, DI Khan, Rawalpindi and Gujranwala, Sargodha and DG Khan Divisions. Isolated thunderstorm/rain is expected over Lahore, Faisalabad and Sahiwal Divisions.

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 26th August 2021 that more monsoon currents are likely to penetrate in upper parts of the country from Friday (Evening/Night) and likely to continue till Wednesday (27th August – 01st September 2021). Under the influence of this weather system, following is predicted: -

- a. Rain-wind-thundershower is expected in Kashmir, Islamabad, Rawalpindi, Attock, Chakwal, Jhelum, Gujrat, Mandi Bahauddin, Sialkot, Narowal, Gujranwala, Hafizabad, Lahore, Okara, Faisalabad, Sargodha, Mianwali, Kohistan, Shangla, Mansehra, Abbottabad, Haripur, Mardan, Charsadda, Nowshera, Dir, Chitral, Peshawar, Kohat, Waziristan, Gilgit-Baltistan (Ghizer, Astore, Diamir, Skardu,

Gilgit, Hunza, Nagar, Ghanche and Kharmang) with occasional gaps from Friday (Evening/Night) to Wednesday (27th August – 01st September 2021).

- b. Heavy falls are also expected in Dir, Kohistan, Mansehra, Abbottabad, Muzaffarabad, Rawalpindi/Islamabad, Gujranwala, Sialkot, Lahore and Kasur from Sunday night to Tuesday (29th - 31st August 2021).
- c. Rain-wind-thunderstorm is also expected in Tank, Karak, Bannu, D.I. Khan, Jhang, Toba Tek Singh, Bhakkar, Layyah, Sahiwal, Bahawalnagar, Dera Ghazi Khan, Rajanpur, Khanpur, Khanewal, Multan, Kohlu, Loralai, Barkhan, Zhob, Musa khel, Quetta, Ziarat and Kalat on Monday (Evening/Night) and Wednesday (30th August - 01st September 2021).

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) 26-08-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	2.554	1624.97	42,248	20,165
b.	Pong Dam River Beas	1400	4.991	2.011	1340.45	55,339	6,009
c.	Thein Dam River Ravi	1732	1.900	0.761	1663.10	Not available	Not available

Reference: Ministry of Water Resources, Office of PCIW report dated 28 August 2021.

Annex A

To NDMA SITREP No-060

Dated 29 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-060

Dated 29 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	197.0	156.1	190 – 210	Below Low	650
	Kalabagh	950	173.1	166.1	No significant change	-do-	650
	Chashma	1,000	177.8	163.2	-do-	-do-	650
	Taunsa	1,000	145.7	126.1	-do-	-do-	650
	Guddu	1,200	95.9	69.6	-do-	-do-	700
	Sukkur	900	67.0	26.2	-do-	-do-	700
	Kotri	875	28.9	0.4	-do-	-do-	650
River Kabul	Nowshera	540	18.4	18.4	-do-	-do-	200
River Jhelum	Mangla	1,060	21.0	28.4	20 – 40	-do-	225
	Rasul	850	19.1	0.0	No significant change	-do-	225
River Chenab	Marala	1,100	65.7	21.4	50 – 70	-do-	400
	Khanki	1,100	32.0	24.4	No significant change	-do-	400
	Qadirabad	900	35.6	13.6	-do-	-do-	400
	Trimmu	875	24.0	7.9	-do-	-do-	450
	Panjnad	865	11.3	0.0	-do-	-do-	450
River Ravi	Jassar	275	3.6	3.6	-do-	-do-	150
	Shahdara	250	19.5	19.5	-do-	-do-	135
	Balloki	380	32.7	3.8	-do-	-do-	135
	Sidhnai	150	16.1	0.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	16.7	2.6	-do-	-do-	175
	Islam	300	1.2	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs

Annex C

To NDMA SITREP No – 060

Dated 29 August 2021

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
AJ&K	
Palandri	30
Rawalakot	05
Kotli	02
Garidupatta, Bandi Abbaspur	01
Khyber Pakhtunkhwa	
Besham	30
Dir	(Lower 14, Upper 02)
Pattan	12
Oghi	06
Parachinar	05
Phulra, Malamjabba	04
Domel	03
Kohat	02
Kalam	01
Punjab	
Islamabad	(Bokra 55, H-8 sector 34, Z/P 27, Golra 15, Saidpur 08,)
Lahore	A/P 14
Rawalpindi	Chaklala 111, Shamsabad 34
Chakwal	04
Gilgit Baltistan	
Astore	12
Bunji, Skardu, Bagrote	07
Babusar, Chillas	01
Balochistan	
Nil	
Sindh	
Nil.	