



MONSOON 2021 DAILY SITUATION REPORT NO – 053

(Period Covered: 1300 Hrs 21 August 2021 – 1300 Hrs 22 August 2021)

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

Ser	Province / Rgn	Daily Incident
a.	ICT	<i>Nothing to Report (NTR)</i>
b.	Balochistan	
c.	Khyber Pakhtunkhwa	
d.	Punjab	
e.	Sindh	
f.	AJ&K	
g.	Gilgit Baltistan	<ul style="list-style-type: none"> Rehabilitation work of Babusar road is in progress. Rehabilitation work at Badswat & Assumber valley is in progress.

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	12	-	-	12
GB	3	2	1	6	-	-	-	-
ICT	-	1	1	2	-	-	-	-
KP	15	1	13	29	35	12	15	62
Punjab	38	4	3	45	106	3	2	111
Sindh	-	-	3	3	-	-	-	-
Total	73	13	23	109	154	17	18	189

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	-
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**

- Relief Camps Established.** NTR.
- Rescue Activities.** NTR.
- Aviation Activities.** NTR.
- 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	1,542.95	5.479	7.05	0.403
b.	Mangla	1,242.00	7.356	1,202.05	4.463	39.95	2.893
c.	Chashma	649.00	0.278	648.50	0.253	0.5	0.025
Total Storage		-		13.516 (MAF)			
Total Storage till 22 Aug 2021		-		10.195 (MAF)			
Remaining Storage		-		3.321 (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 Rivers Chenab, Ravi & Sutlej along with Rawalpindi, Gujranwala, Lahore & Bahawalpur Divisions. Isolated thunderstorm/rain is expected over the upper catchments of Rivers Indus, Kabul & Jhelum along with Peshawar, Kohat, Bannu, DI Khan & Sargodha Divisions.
8. **Rainfall Last 24 Hours.** Attached as **Annex C.**
9. **Weather Advisory / Press Release** NTR.
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) 12-08-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	2.205	1615.37	33,909	21,515
b.	Pong Dam River Beas	1400	4.991	1.889	1335.32	12,992	13,411
c.	Thein Dam River Ravi	1732	1.900	0.821	1667.60	Not available	Not available

Reference: Ministry of Water Resources, Office of PCIW report dated 17 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-053

Dated 22 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	124.0	92.9	120-130	Below Low	650
	Kalabagh	950	137.7	130.7	No significant change	-do-	650
	Chashma	1,000	155.1	140.5	-do-	-do-	650
	Taunsa	1,000	163.2	140.8	-do-	-do-	650
	Guddu	1,200	128.1	96.5	-do-	-do-	700
	Sukkur	900	87.3	34.5	-do-	-do-	700
	Kotri	875	31.4	0.4	-do-	-do-	650
River Kabul	Nowshera	540	21.0	21.0	-do-	-do-	200
River Jhelum	Mangla	1,060	22.0	23.7	20-40	-do-	225
	Rasul	850	30.9	15.8	No significant change	-do-	225
River Chenab	Marala	1,100	52.5	17.2	50-80	-do-	400
	Khanki	1,100	14.9	7.5	No significant change	-do-	400
	Qadirabad	900	25.2	8.2	-do-	-do-	400
	Trimmu	875	21.5	5.4	-do-	-do-	450
	Panjnad	865	12.9	0.0	-do-	-do-	450
River Ravi	Jassar	275	3.1	3.1	03-10	-do-	150
	Shahdara	250	19.5	19.5	No significant change	-do-	135
	Balloki	380	31.8	3.0	-do-	-do-	135
	Sidhnai	150	14.8	0.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	15.5	2.0	-do-	-do-	175
	Islam	300	0.7	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs

Annex C

To NDMA SITREP No-053

Dated 22 August 2021

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Punjab	
Narowal	01
Balochistan	
Kohlu	12
Khuzdar	03
Khyber Pakhtunkhwa	
Nil	
Gilgit Baltistan	
Nil	
AJ&K	
Barnala	03
Sindh	
Nil	