



MONSOON 2021 DAILY SITUATION REPORT NO – 064

(Period Covered: 1300 Hrs 01 September 2021 – 1300 Hrs 02 September 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"> • AVR is open for traffic. • Rehabilitation work is in progress at Badswat Bridge and Babusar road.

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	23	10	31	64	45	24	47	116
Punjab	39	4	4	47	108	3	2	113
Sindh	-	-	3	3	-	-	-	-
Total	84	25	45	154	162	29	51	242

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	-	-	-	-	-	33	11	-
Sindh	-	-	-	-	-	-	150	-
Total	13	9	22	3	-	234	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". Urban Flooding is expected in Karachi & Hyderabad cities during next 48 Hours. 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	1548.55	5.799	1.45	0.083
b.	Mangla	1,242.00	7.356	1197.35	4.169	44.65	3.187
c.	Chashma	649.00	0.278	638.15	0.00	10.85	0.278
Total Storage		-		13.516 (MAF)			
Total Storage till 02 Sept 2021		-		9.968 (MAF)			
Remaining Storage		-		3.379 (MAF)			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD**. Isolated thunderstorm/rain is expected over the upper catchments of all the Major Rivers along with Peshawar, Kohat, Bannu, DI Khan, Rawalpindi, Gujranwala, Sargodha, Lahore, DG Khan & Bahawalpur Divisions. Scattered thunderstorm/rain of moderate intensity is expected over Sindh and East 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 31st August 2021 that monsoon currents presently giving rains in upper/central parts of the country are now likely to give more rain thunderstorm in southern parts of the country:

- a. Rain-wind-thundershower (with Isolated heavy falls) are expected in Tharparker, Umerkot, Mirpurkhas, Sanghar, Shaheed Benazirabad, Hyderabad, Badin, Thatta, Karachi, Jamshoro, Dadu, Larkana, Sukkur, Jacobabad, Kohlu, Barkhan, Sibbi, Loralai, Musakhel, Zhob, Ziarat, Quetta, Pishin, Mastung, Naseerabad, Kalat, Khuzdar, Lasbella and Awaran districts from Tuesday evening/night to Friday (31st August – 3rd September 2021).
- b. Rain-wind-thunderstorm is also expected in South Punjab (Dera Ghazi Khan, Rajanpur, Multan, Bahawalnagar, Bahawalpur and Rahim Yar Khan on Tuesday and Wednesday (31st August – 1st 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	1629.58	32,166	20,499
b.	Pong Dam River Beas	1400	4.991	2.011	1344.86	11,282	11,502
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 02 September 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-064

Dated 02 September 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	117.0	156.9	100-120	Below Low	650
	Kalabagh	950	124.1	117.1	130-160	-do-	650
	Chashma	1,000	140.4	135.7	No significant change	-do-	650
	Taunsa	1,000	158.1	138.4	-do-	-do-	650
	Guddu	1,200	129.1	99.5	-do-	-do-	700
	Sukkur	900	84.1	33.6	-do-	-do-	700
	Kotri	875	24.8	0.4	-do-	-do-	650
River Kabul	Nowshera	540	19.1	19.1	-do-	-do-	200
River Jhelum	Mangla	1,060	15.0	36.7	12-17	-do-	225
	Rasul	850	31.3	11.9	No significant change	-do-	225
River Chenab	Marala	1,100	40.3	5.0	35-40	-do-	400
	Khanki	1,100	9.3	1.9	No significant change	-do-	400
	Qadirabad	900	17.0	0.0	-do-	-do-	400
	Trimmu	875	28.9	12.8	-do-	-do-	450
	Panjnad	865	11.1	0.0	-do-	-do-	450
River Ravi	Jassar	275	3.1	3.1	-do-	-do-	150
	Shahdara	250	19.5	19.5	-do-	-do-	135
	Balloki	380	35.4	6.7	-do-	-do-	135
	Sidhnai	150	17.1	0.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	15.8	2.0	-do-	-do-	175
	Islam	300	0.6	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs

Annex C

To NDMA SITREP No-064

Dated 02 September 2021

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Punjab	
Lahore	Mughal Pura 38, Upper Mall 36, Johar Town 34, Lahore Gulberg 29, City 24, Iqbal Town 21, Township 12, Shahi Qilla 11, Lukshmi 10, Samnabad 09, Tajpura 07, A/P 02
Sahiwal	05
Khyber Pakhtunkhwa	
Nil	
AJ&K	
Nil	
Gilgit Baltistan	
Bunji	11
Astore	04
Babusar	03
Bagrote,	01
Balochistan	
Lasbella	03
Chaman	01
Sindh	
Mithi	09
Badin	01