



MONSOON 2021 DAILY SITUATION REPORT NO – 063

(Period Covered: 1300 Hrs 31 August 2021 – 1300 Hrs 01 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	1 x person died in District Shangla due to lightning.
d.	Punjab	1 x person died and 2 persons got injured in District Bahawalpur due to wall collapse.
e.	Sindh	<i>NTR</i>
f.	AJ&K	
g.	Gilgit Baltistan	<ul style="list-style-type: none"> AVR blocked at Hawie mor and Khachik areas due to landslide. Rehabilitation work is in progress. 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 03 days 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	1550.00	5.882	0	0
b.	Mangla	1,242.00	7.356	1198.05	4.211	43.95	3.145
c.	Chashma	649.00	0.278	641.20	0.044	7.8	0.234
Total Storage		-		13.516 (MAF)			
Total Storage till 01 Sept 2021		-		10.137 (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**

a. 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: -

(1) 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).

(2) 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).

(3) 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).

b. 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:

- (1) 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).
- (2) 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	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.

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-063

Dated 01 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	112.0	58.1	100-115	Below Low	650
	Kalabagh	950	114.7	107.7	80-110	-do-	650
	Chashma	1,000	176.1	164.3	No significant change	-do-	650
	Taunsa	1,000	161.1	141.1	-do-	-do-	650
	Guddu	1,200	119.2	90.7	-do-	-do-	700
	Sukkur	900	75.5	28.2	-do-	-do-	700
	Kotri	875	26.9	0.4	-do-	-do-	650
River Kabul	Nowshera	540	25.7	25.7	-do-	-do-	200
River Jhelum	Mangla	1,060	17.0	39.7	15-20	-do-	225
	Rasul	850	31.3	11.9	No significant change	-do-	225
River Chenab	Marala	1,100	44.1	8.8	40-45	-do-	400
	Khanki	1,100	9.5	1.9	No significant change	-do-	400
	Qadirabad	900	21.0	0.0	-do-	-do-	400
	Trimmu	875	28.8	12.7	-do-	-do-	450
	Panjnad	865	10.7	0.0	-do-	-do-	450
River Ravi	Jassar	275	3.1	3.1	-do-	-do-	150
	Shahdara	250	20.1	20.1	-do-	-do-	135
	Balloki	380	35.4	6.7	-do-	-do-	135
	Sidhnai	150	17.0	0.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	16.4	2.4	-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-063
 Dated 01 September 2022

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Punjab	
Narowal, Khanewal	01
Khyber Pakhtunkhwa	
Parachinar	15
Kalam	09
Dir	08
Cherat	04
Drosh	03
AJ&K	
Chattar Kalas	01
Gilgit Baltistan	
Bagrote	10
Gilgit	07
Bunji, Hunza	06
Gupis	05
Babusar	04
Chilas, Astore	01
Balochistan	
Kohlu	35
Khuzdar	26
Kalat, Sibbi, Lasbella	01
Sindh	
Badin	37
Hyderabad	10
Tando Jam	04
Thatta	02