



MONSOON 2021 DAILY SITUATION REPORT NO – 062
(Period Covered: 1300 Hrs 30 August 2021 – 1300 Hrs 31 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	Following casualties were reported due to lightning: <ul style="list-style-type: none"> • 1 x person (male) died & 4 x persons (male) got injured in District Battagram. • 1 x person (female) died in District Swat.
d.	Punjab	NTR
e.	Sindh	
f.	AJ&K	
g.	Gilgit Baltistan	<ul style="list-style-type: none"> • Rehabilitation work of Batswat road has been completed while work on bridge 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	15	6	3	24	8	-	1	9
GB	3	2	1	6	-	-	-	-
ICT	-	1	1	2	-	-	-	-
KP	22	10	31	63	45	24	47	116
Punjab	38	4	4	46	106	3	2	111
Sindh	-	-	3	3	-	-	-	-
Total	82	25	45	152	160	29	51	240

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**

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	1548.88	5.818	1.12	0.064
b.	Mangla	1,242.00	7.356	1198.70	4.250	43.3	3.106
c.	Chashma	649.00	0.278	643.80	0.096	5.2	0.182
Total Storage		-		13.516 (MAF)			
Total Storage till 31 Aug 2021		-		10.164 (MAF)			
Remaining Storage		-		3.352 (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 the Major Rivers along with Peshawar, Kohat, Bannu, DI Khan, Rawalpindi, Gujranwala, Sargodha, Lahore & DG Khan Divisions along with Sindh & East Balochistan. Isolated thunderstorm/rain is expected over Faisalabad, Sahiwal, Multan & Bahawalpur Divisions.

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.

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	144.0	94.5	130-140	Below Low	650
	Kalabagh	950	159.6	152.6	No significant change	-do-	650
	Chashma	1,000	178.6	164.0	-do-	-do-	650
	Taunsa	1,000	157.7	138.1	-do-	-do-	650
	Guddu	1,200	110.7	84.2	-do-	-do-	700
	Sukkur	900	68.0	26.5	-do-	-do-	700
	Kotri	875	27.5	0.4	-do-	-do-	650
River Kabul	Nowshera	540	21.5	21.5	-do-	-do-	200
River Jhelum	Mangla	1,060	14.0	29.8	15-25	-do-	225
	Rasul	850	29.4	8.0	No significant change	-do-	225
River Chenab	Marala	1,100	44.1	8.8	40-50	-do-	400
	Khanki	1,100	11.3	3.7	No significant change	-do-	400
	Qadirabad	900	24.8	2.8	-do-	-do-	400
	Trimmu	875	29.9	13.9	-do-	-do-	450
	Panjnad	865	11.9	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	33.2	4.7	-do-	-do-	135
	Sidhnai	150	16.4	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

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Punjab	
Lahore	(Farrukhabad 62, AP 18, Lakshmi Chowk, Tajpura 12, Shahi Qilla 11, Chowk Nakhuda 10, Upper Mall 08, Jail Road 07, Mughalpura 06, Nishter Town 03, WASA Head office 02, Johar Town & Gulshan-e-Ravi 01)
Kot Addu & T.T.Singh	50
Multan	(CCRI 35, Chungi-09 33, Mumtazabad 31, Samagiabad 19, AP 16 & Shuijabad 04)
Islamabad	(Saidpur 26, AP 09, ZP 03, Golra & Bokra 02)
D.G Khan	(City 25, Zain Sanghar Nullah 11 & Vehova 05)
M.B.Din	24
Bahawalpur	(City 23 & AP 13)
Faisalabad	19
Attock	18
Murree	12
Noorpur Thal & Jhang	04
Okara & Layyah	03
Jhelum	02
Khanewal, Kasur & Sahiwal	Shamsabad 01, (Chaklala AP 01 & Kechari Trace)
Khyber Pakhtunkhwa	
Kakul	42
Saidu Sharif	20
Malam Jabba	18
Tahktbai	14
Pattan, Peshawar	10
Buner	09
Mir Khani & Mohmand Dam	05
Kalam	03
Dir	(Upper 03 & Lower 02)
Bannu	02
AJ&K	
Dhulli	37
Rawalakot	22
Bandi Abbaspur	04
Chakothei & Hajira	03
Chattar Kalas	01
Gilgit Baltistan	
Babusar	05

Bagrote	03
Astore	01
Balochistan	
Zhob	19
Ziarat	04
Sindh	
Nil.	