



**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
Islamabad**



MONSOON 2021 DAILY SITUATION REPORT NO – 085

(Period Covered: 1300 Hrs 22 September 2021 – 1300 Hrs 23 September 2021)

1. **Area Affected (Last 24 Hours)** Nothing to Report (NTR)

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	-	-	-	0
ICT	-	1	1	2	-	-	-	0
KP	27	17	42	86	46	25	51	122
Punjab	40	5	8	53	114	14	13	141
Sindh	1	1	6	8	-	-	1	1
Total	90	34	63	187	169	41	67	277

b. **Summary of Damages of Infrastructure & Private Properties**

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Houses		Power Houses
					PD	FD	
AJ&K	-	-	14	3	15	33	-
Balochistan	6	1	-	-	114	45	-
GB	6	6	20	-	-	15	1
ICT	-	-	-	-	-	-	-
KP	1	2	-	-	93	9	-
Punjab	-	-	-	-	43	11	-
Sindh	-	-	-	-	-	150	-
Total	13	9	34	3	265	263	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	1520.27	4.256	29.73	1.626
b.	Mangla	1,242.00	7.356	1189.55	3.703	52.45	3.653
c.	Chashma	649.00	0.278	646.00	0.153	3.00	0.125
Total Storage		-		13.516 (MAF)			
Total Storage till 23 Sept 2021		-		8.112 (MAF)			
Remaining Storage		-		5.404 (MAF)			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD.** Scattered thunderstorm/rain of light to moderate intensity with isolated heavy falls is expected over the upper catchments of Rivers Kabul, Indus & Jhelum along with Islamabad and Rawalpindi, Peshawar, Kohat, Bannu, DI Khan, Gujranwala, Bahawalpur and DG Khan Divisions and Sindh & East Balochistan. Scattered thunderstorm/rain of light to moderate intensity is also expected over the upper catchments of Rivers Chenab, Ravi and Sutlej along with Sargodha, Lahore, Faisalabad, Sahiwal, Multan Divisions.

8. **Rainfall Last 24 Hours.** Attached as **Annex C.**

9. **Weather Advisory / Press Release** In response to PMD press release NDMA has issued weather advisory to all concerned on 19th September 2021 Met Office informed that monsoon currents are likely to penetrate in the country from 20th September Monday (evening/night) and likely to continue till 25th September (Saturday). Under the influence of this weather system:-

- a. Rain-wind-thundershower (with isolated heavy falls) is expected in Kashmir, Islamabad, Rawalpindi, Attock, Chakwal, Jhelum, Gujrat, Mandi Bahauddin, Sialkot, Narowal, Gujranwala, Hafizabad, Lahore, Okara, Faisalabad, Sargodha, Mianwali, Jhang, Toba Tek Singh, 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 20th September Monday (evening/night) to 24th September (Friday).
- b. Rain-wind-thunderstorm (with isolated heavy falls) is also expected in Tank, Karak, Bannu, D.I. Khan, South Punjab (Bhakkar, Layyah, Sahiwal, Bahawalnagar, Dera Ghazi Khan, Rajanpur, Khanpur, Khanewal, Multan), Eastern Balochistan (Kohlu, Loralai, Barkhan, Zhob, Musa Khel, Quetta, Ziarat, Kalat) and in Sindh (Karachi, Hyderabad, Mirpur Khas, Thar Parker, Umar Kot, Sanghar, Thatta, Badin, Dadu, Shaheed Benazirabad, Sukkur, Larkana) from 23rd September Thursday (evening/night) to 25th September (Saturday).

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) 16-09-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	3.089	1642.67	28,146	18,875
b.	Pong Dam River Beas	1400	4.991	2.594	1352.85	13,681	12,969
c.	Thein Dam River Ravi	1732	1.900	0.781	1664.62	Not available	Not available

Reference: Ministry of Water Resources, Office of PCIW report dated 21 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-085

Dated 23 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	110.0	102.3	105-110	Below Low	650
	Kalabagh	950	118.6	110.6	No significant change	-do-	650
	Chashma	1,000	147.8	125.2	-do-	-do-	650
	Taunsa	1,000	137.7	116.4	-do-	-do-	650
	Guddu	1,200	125.9	93.9	-do-	-do-	700
	Sukkur	900	81.1	25.5	-do-	-do-	700
	Kotri	875	19.6	1.1	-do-	-do-	650
River Kabul	Nowshera	540	16.8	16.8	15 – 30	-do-	200
River Jhelum	Mangla	1,060	24.0	17.4	20 – 35	-do-	225
	Rasul	850	17.6	0.0	No significant change	-do-	225
River Chenab	Marala	1,100	29.5	5.0	30-45	-do-	400
	Khanki	1,100	12.6	5.6	No significant change	-do-	400
	Qadirabad	900	24.8	2.8	-do-	-do-	400
	Trimmu	875	29.3	12.9	-do-	-do-	450
	Panjnad	865	24.2	9.7	-do-	-do-	450
River Ravi	Jassar	275	4.7	4.7	-do-	-do-	150
	Shahdara	250	22.3	22.3	-do-	-do-	135
	Balloki	380	40.2	13.8	-do-	-do-	135
	Sidhnai	150	24.0	7.2	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	16.2	4.9	-do-	-do-	175
	Islam	300	1.7	0.4	-do-	-do-	175

Note. All data in Thousands of Cusecs

Annex C

To NDMA SITREP No-085

Dated 23 September 2021

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Punjab	
Jhelum	116
Attock	36
Dhulli	30
Islamabad	Bokra 27, Golra 26, AP 24, Saidpur 21 & City 14
Kasur	24
Mianwali	15
Kamra	14
Mandi Bahauddin	11
Murree	07
Mangla, Dhok Pathan	06
Rawalpindi	Chaklala & Shamsabad 05
G.S Wala	05
Chakwal	04
Lahore	Johar Town 04, Gulberg 01
Joharabad & Bhakkar	02
Khyber Pakhtunkhwa	
Malam Jabba	55
Oghi	27
Balakot	25
Harichand	23
Buner	15
Lower Dir	13
Miankhan	11
Saidu Sharif	10
Besham	09
Tarbela	07
Shinkari	05
Daggar	04
Takht Bhai, Mardan, Phulra	02
DI Khan	City 02
Dargai	01
AJ&K	
Palandri	50
Rawalakot	23
Garhidupatta	20
Hajira	17
Haraman	10
Chakothi & Chattar Kallas	04
Kotli	02
Tandali	01
Balochistan	
Kohlu	07
Barkhan	01
Gilgit, Baltistan	
Bunji	04
Astore	02
Babusar	01
Sindh	
Mithi	15
Thatta	05
Badin	04
Chhor	01