



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



MONSOON 2021 DAILY SITUATION REPORT NO – 083

(Period Covered: 1300 Hrs 20 September 2021 – 1300 Hrs 21 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	<ul style="list-style-type: none"> • 1x child died in District Bajaur due to flash flood • 1x female died, 1x male and 1x female got injured in District Buner due to flash flood.
d.	Punjab	<i>NTR</i>
e.	Sindh	
f.	AJ&K	
g.	Gilgit Baltistan	

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	113	14	12	139
Sindh	1	1	6	8	-	-	1	1
Total	90	34	63	187	168	41	66	275

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

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Masjid	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	-	-	-	-	-	42	11	-
Sindh	-	-	-	-	-	-	150	-
Total	13	9	34	3	-	264	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	1521.83	4.333	28.17	1.549
b.	Mangla	1,242.00	7.356	1189.90	3.723	52.1	3.633
c.	Chashma	649.00	0.278	645.80	0.147	3.2	0.131
Total Storage		-		13.516 (MAF)			
Total Storage till 21 Sept 2021		-		8.203 (MAF)			
Remaining Storage		-		5.313 (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 Peshawar, Rawalpindi & Gujranwala, Lahore and Bahawalpur Divisions. Scattered thunderstorm/rain of light to moderate intensity is also expected over the upper catchments of Rivers Chenab, Ravi and Sutlej along with Upper Sindh and Kohat, Bannu, Sargodha, Lahore, Faisalabad, Sahiwal, Multan and DG Khan 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-083

Dated 21 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	103.0	85.5	100-105	Below Low	650
	Kalabagh	950	162.9	154.9	No significant change	-do-	650
	Chashma	1,000	150.2	125.4	-do-	-do-	650
	Taunsa	1,000	137.7	115.6	-do-	-do-	650
	Guddu	1,200	118.7	86.1	-do-	-do-	700
	Sukkur	900	78.0	23.0	-do-	-do-	700
	Kotri	875	26.7	1.6	-do-	-do-	650
River Kabul	Nowshera	540	16.2	16.2	-do-	-do-	200
River Jhelum	Mangla	1,060	18.0	19.4	15-30	-do-	225
	Rasul	850	27.7	8.0	No significant change	-do-	225
River Chenab	Marala	1,100	33.9	8.8	30-40	-do-	400
	Khanki	1,100	20.3	13.1	No significant change	-do-	400
	Qadirabad	900	26.2	4.2	-do-	-do-	400
	Trimmu	875	29.2	12.8	-do-	-do-	450
	Panjnad	865	34.6	19.3	-do-	-do-	450
River Ravi	Jassar	275	5.5	5.5	05 – 10	-do-	150
	Shahdara	250	22.9	22.9	No significant change	-do-	135
	Balloki	380	38.1	8.5	-do-	-do-	135
	Sidhnai	150	21.1	4.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	15.8	2.3	-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-083

Dated 21 September 2021

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Punjab	
Rawalpindi	Chaklala AP 65, Kacheri & Shamsabad 33
Lahore	Shahi Qila 60, Lakshmi Chowk 53, Gulshan e Ravi 52, Mughlarpura 33, Tajpura 31, Farrukhabad 22, Chowk Nakhuda 20, Jail Road 11, Upper Mall 03, Gulberg 01.
Islamabad	Golra 39, Zero Point 37, AP 17, Bokra 07, Saidpur 06
Kamra	23
Narowal	21
Nurpurthal	19
Murree	11
Sargodha	City 09
Gujrat & Jhelum	05
Sialkot	City 04
Mangla	02
Fort Munro, Dhulli	01
Khyber Pakhtunkhwa	
Buner	29
Cherat	27
Daggar	24
Oghi	22
Kakul	17
Phulra	13
Balakot & Brarkot	10
Malamjabba	09
Shinkari	09
Besham	07
Lower Dir, Saidu Sharif	04
Kohat	04
Pattan	03
Dir, Kalam & Mirkhani	01
Peshawar	AP 01
AJ&K	
Garhi Dupatta	30
Hajira	25
Palandri	14
Muzaffarabad	(City 05 & A/P 04)
Kotli	04
Chakothe & Haraman	03
Rawalakot & Tandali	01
Balochistan	
Kohlu	14
Gilgit, Baltistan	
Hunza	08
Bagrote	05
Astore	03
Chilas	02
Sindh	
Nil	