



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



MONSOON 2021 DAILY SITUATION REPORT NO – 091

(Period Covered: 1300 Hrs 28 September 2021 – 1300 Hrs 29 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	116	15	15	146
Sindh	1	1	6	8	-	-	1	1
Total	90	34	63	187	171	42	69	282

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	1513.16	3.892	36.84	1.99
b.	Mangla	1,242.00	7.356	1187.90	3.612	54.1	3.744
c.	Chashma	649.00	0.278	647.70	0.176	1.3	0.102
Total Storage		-		13.516	(MAF)		
Total Storage till 29 Sept 2021		-		7.68	(MAF)		
Remaining Storage		-		5.836	(MAF)		

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD.** Scattered to fairly widespread thunder/storm rain of moderate intensity with isolated heavy falls is expected over Sindh. Scattered thunderstorm/rain of moderate intensity is expected over Eastern & Coastal Balochistan along with Bahawalpur Division. Isolated thunder/storm rain is also expected over the upper catchments of all the Major Rivers.

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

9. **Weather Advisory / Press Release**

a. In response to PMD press release NDMA has issued weather advisory to all concerned on 24th September 2021 Met Office informed that monsoon currents are likely to penetrate in Sindh from 27th September (Monday) and likely to continue till 02nd October (Saturday). Under the influence of this weather system:-

- (1) Rain-wind-thundershower is expected in Mirpur Khas, Thar Parker, Umar Kot, Sanghar, Thatta, Badin, Karachi, Hyderabad, Tando Allayar, Tando Muhammad Khan, Mitiari, Shaheed Benazirabad, Dadu, Kalat, Khuzdar and Lasbella from 28th September (Tuesday) to 02nd October (Saturday) with occasional gaps. Heavy falls are also expected in Karachi, Thatta, Badin, Dadu and Hyderabad during the period.
- (2) Rain-wind-thundershower is also expected at scattered places in Sukkur, Larkana, Jacobabad, Kohlu, Sibbi, Naseerabad, Barkhan, Zhob, Dera Ghazi Khan, Rajanpur and Bahawalpur during 28th September (Tuesday) to 30th September (Thursday).
- (3) Isolated Rain-wind-thunderstorm is expected in Kashmir, Gilgit-Baltistan, Islamabad, Northeast Punjab, Upper Khyber Pakhtunkhwa during 27th/28th September, 30th September (Thursday) and 1st October (Friday).

b. In response to PMD weather alert NDMA has issued weather advisory to all concerned on 28th September 2021 that that a low-pressure area (remnant of the Cyclonic Storm "Gulab") currently lying over central India is likely to track in northwest direction (towards Indian Gujarat area). The system is likely to re-emerge over the Northeast Arabian Sea by 29th September (Wednesday night) / 30th September

(Thursday morning) and regain intensity due to favorable environmental conditions.

Under its influence:-

- (1) Widespread rain-wind-thunderstorms with scattered heavy/very heavy falls extremely heavy at times are likely in Karachi, Hyderabad, Thatta, Badin, Mirpurkhas, Thaparker, Umerkot, Sanghar, Shaheed Benazirabad, Nosheroferoz, TMK, TAY, Dadu, Jamshoro, Sukkur, Larkana, Jacobabad, Shikarpur & Ghotki districts during Tuesday till Saturday (28th September - 2nd October 2021).
- (2) Widespread rain-wind-thunderstorms with scattered heavy/very heavy falls extremely heavy at times are likely in Bela, Awaran, Kech, Makran and Panjgur districts of Balochistan during Thursday till Sunday (30th September - 3rd October 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) 16-09-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	3.089	1648.43	21,726	14,594
b.	Pong Dam River Beas	1400	4.991	2.594	1354.29	10,612	11,800
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 29 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-091

Dated 29 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	78.0	107.0	75-80	Below Low	650
	Kalabagh	950	109.8	101.8	No significant change	-do-	650
	Chashma	1,000	129.0	112.1	-do-	-do-	650
	Taunsa	1,000	110.9	91.2	-do-	-do-	650
	Guddu	1,200	97.2	74.6	-do-	-do-	700
	Sukkur	900	66.5	20.4	-do-	-do-	700
	Kotri	875	19.4	1.6	-do-	-do-	650
River Kabul	Nowshera	540	12.8	12.8	-do-	-do-	200
River Jhelum	Mangla	1,060	15.0	27.3	12-17	-do-	225
	Rasul	850	24.2	5.3	No significant change	-do-	225
River Chenab	Marala	1,100	26.0	5.0	25-30	-do-	400
	Khanki	1,100	8.9	1.9	No significant change	-do-	400
	Qadirabad	900	17.0	0.0	-do-	-do-	400
	Trimmu	875	30.4	14.0	-do-	-do-	450
	Panjnad	865	20.2	5.1	-do-	-do-	450
River Ravi	Jassar	275	4.8	4.8	-do-	-do-	150
	Shahdara	250	17.0	17.0	-do-	-do-	135
	Balloki	380	25.5	0.0	-do-	-do-	135
	Sidhnai	150	21.2	4.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	16.3	3.5	-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-091

Dated 29 September 2021

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Sindh	
Dadu & Padidan	24
Chhor	14
Larkana	10
Mirpurkhas	05
Mohenjodaro	04
Thatta, Badin	02
Karachi	(DHA Phase 02, PAF Base Faisal, Jinnah Terminal, MOS 01, Gulshan-e-Hadeed , Masroor Base, Orangi Town & Nazimabad Trace)
Shaheed Benazirabad & Mithi	01
AJ&K	
Chakothe	07
Chattar Kalas	05
Garhi Dupatta, Dhulli & Tandali	01
Punjab	
Murree	08
Balochistan	
Lasbella	02
Khyber Pakhtunkhwa	
Kakul	01
Gilgit Baltistan	
Nil	