



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



**MONSOON 2021 DAILY SITUATION REPORT NO – 082**

(Period Covered: 1300 Hrs 19 September 2021 – 1300 Hrs 20 September 2021)

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

Ser	Province / Rgn	Daily Incident
a.	ICT	<i>(Nothing to Report) NTR</i>
b.	Balochistan	
c.	Khyber Pakhtunkhwa	
d.	Punjab	2 x persons died in District Lahore due to house collapse.
e.	Sindh	<i>NTR</i>
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	16	41	84	45	24	51	120
Punjab	40	5	8	53	113	14	12	139
Sindh	1	1	6	8	-	-	1	1
<b>Total</b>	<b>90</b>	<b>33</b>	<b>62</b>	<b>185</b>	<b>167</b>	<b>40</b>	<b>66</b>	<b>273</b>

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	-
<b>Total</b>	<b>13</b>	<b>9</b>	<b>34</b>	<b>3</b>	<b>-</b>	<b>264</b>	<b>263</b>	<b>1</b>

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	<b>1522.79</b>	<b>4.384</b>	<b>27.21</b>	<b>1.498</b>
b.	Mangla	1,242.00	7.356	<b>1190.30</b>	<b>3.746</b>	<b>51.7</b>	<b>3.61</b>
c.	Chashma	649.00	0.278	<b>643.60</b>	<b>0.091</b>	<b>5.4</b>	<b>0.187</b>
<b>Total Storage</b>		-		<b>13.516</b>	<b>(MAF)</b>		
<b>Total Storage till 20 Sept 2021</b>		-		<b>8.221</b>	<b>(MAF)</b>		
<b>Remaining Storage</b>		-		<b>5.295</b>	<b>(MAF)</b>		

**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 Divisions. Scattered thunderstorm/rain of light to moderate intensity is also expected over the upper catchments of Rivers Chenab, Ravi and Sutlej along with Kohat, Bannu, Sargodha, Lahore & Faisalabad 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 19<sup>th</sup> September 2021 Met Office informed that monsoon currents are likely to penetrate in the country from 20<sup>th</sup> September Monday (evening/night) and likely to continue till 25<sup>th</sup> 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 20<sup>th</sup> September Monday (evening/night) to 24<sup>th</sup> 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 23<sup>rd</sup> September Thursday (evening/night) to 25<sup>th</sup> 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	1640.31	29,511	15,866
b.	Pong Dam River Beas	1400	4.991	2.594	1351.46	25,273	6,507
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 17 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 29<sup>th</sup> July 2021.
- Sholja Bridge got damaged in District Ghizer on 30<sup>th</sup> July 2021.
- 1 x Bridge got damaged in Badswat, Ishkoman Valley on 16<sup>th</sup> July 2021.
- Mirmalik Bridge got damaged in District Astore on 28<sup>th</sup> July 2021.

**Annex B**

To NDMA SITREP No-082

Dated 20 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	101.0	133.7	100-105	Below Low	650
	Kalabagh	950	177.5	169.5	No significant change	-do-	650
	Chashma	1,000	166.2	142.8	-do-	-do-	650
	Taunsa	1,000	137.2	115.6	-do-	-do-	650
	Guddu	1,200	123.0	90.4	-do-	-do-	700
	Sukkur	900	75.5	21.2	-do-	-do-	700
	Kotri	875	26.7	1.6	-do-	-do-	650
River Kabul	Nowshera	540	16.3	16.3	-do-	-do-	200
River Jhelum	Mangla	1,060	18.0	26.9	15-30	-do-	225
	Rasul	850	26.2	5.3	No significant change	-do-	225
River Chenab	Marala	1,100	33.9	8.8	30-40	-do-	400
	Khanki	1,100	8.2	1.0	No significant change	-do-	400
	Qadirabad	900	20.0	0.0	-do-	-do-	400
	Trimmu	875	31.6	15.2	-do-	-do-	450
	Panjnad	865	30.6	14.5	-do-	-do-	450
River Ravi	Jassar	275	5.3	5.3	-do-	-do-	150
	Shahdara	250	22.3	22.3	-do-	-do-	135
	Balloki	380	38.1	8.5	-do-	-do-	135
	Sidhnai	150	21.1	3.6	-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	2.0	0.8	-do-	-do-	175

**Note.** All data in Thousands of Cusecs

**Annex C**  
To NDMA SITREP No-082  
Dated 20 September 2021

**SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD**

<b>Stations</b>	<b>Rainfall (mm)</b>
<b>Punjab</b>	
Sialkot	(City 58 & A/P 11)
Lahore	(Gulberg 08, Township 02, Johartown & City Trace)
Murree	03
Gujranwala	02
<b>Khyber Pakhtunkhwa</b>	
Balakot	33
Kakul	16
Cherat	09
<b>AJ&amp;K</b>	
Garhi Dupatta	26
Haraman	14
Muzaffarabad	(City 05 & A/P 04)
Tandali & Brarkot	01
<b>Balochistan</b>	
Lasbella	18
<b>Gilgit, Baltistan</b>	
Nil	
<b>Sindh</b>	
Nil	