



**MONSOON 2021 DAILY SITUATION REPORT NO – 042**

**(Period Covered: 1300 Hrs 10 August 2021 – 1300 Hrs 11 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	
d.	Punjab	
e.	Sindh	
f.	AJ&K	
g.	Gilgit Baltistan	Road restoration is under progress at Badswat, Assumber valley & Hispar.

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	13	3	-	16	10	-	-	10
GB	3	2	1	6	-	-	-	-
ICT	-	1	1	2	-	-	-	-
KP	14	1	13	28	35	7	14	56
Punjab	37	3	2	42	104	-	-	104
Sindh	-	-	3	3	-	-	-	-
<b>Total</b>	<b>71</b>	<b>12</b>	<b>22</b>	<b>105</b>	<b>150</b>	<b>9</b>	<b>15</b>	<b>174</b>

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	-	-	-	113	45	-
GB	6	6	20	-	-	-	15	1
ICT	-	-	-	-	-	-	-	-
KP	1	2	-	-	-	81	6	-
Punjab	-	-	-	-	-	30	11	-
Sindh	-	-	-	-	-	-	150	-
<b>Total</b>	<b>13</b>	<b>9</b>	<b>22</b>	<b>3</b>	<b>-</b>	<b>225</b>	<b>257</b>	<b>1</b>

Note: PD: Partially Damaged, FD: Fully Damaged

Details of bridges is attached at **Annex A.**

3. **Flood Relief Activities**

- Relief Camps Established.** NTR.
- Rescue Activities.** NTR.
- 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 Low Flood Level. 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	1,541.15	<b>5.376</b>	<b>8.85</b>	<b>0.506</b>
b.	Mangla	1,242.00	7.356	1,201.20	<b>4.407</b>	<b>40.8</b>	<b>2.949</b>
c.	Chashma	649.00	0.278	642.60	<b>0.070</b>	<b>6.4</b>	<b>0.208</b>
<b>Total Storage</b>		-		<b>13.516 (MAF)</b>			
<b>Total Storage till 11 Aug 2021</b>		-		<b>9.853 (MAF)</b>			
<b>Remaining Storage</b>		-		<b>3.663 (MAF)</b>			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD**. Isolated thunderstorm/rain of Moderate intensity is expected over the upper catchments of all the Major Rivers along with Khyber Pakhtunkhwa, Islamabad and Rawalpindi, Gujranwala, Sargodha, Lahore & DG Khan Divisions.
8. **Rainfall Last 24 Hours**. Attached as **Annex C**.
9. **Weather Advisory / Press Release**. In response to PMD weather alert NDMA has issued weather advisory to all concerned on 11<sup>th</sup> August 2021 that strong monsoon currents are likely to penetrate in upper parts of the country from 12<sup>th</sup> August (Thursday) and likely to continue till 15<sup>th</sup> August (Sunday). Under the influence of this weather system, following is predicted: -
- 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, Sahiwal, Jhang, Toba Tek Singh, Faisalabad, Sargodha, Mianwali, Kohistan, Shangla, Mansehra, Abbottabad, Haripur, Mardan, Charsadda, Nowshera, Dir, Chitral, Peshawar, Kohat, Waziristan, Tank, Karak, Bannu, D.I. Khan, Bhakkar, Layyah and GilgitBaltistan (Ghizer, Astore, Diamir, Skardu, Gilgit, Hunza, Nagar, Ghanche and Kharmang)with occasional gaps from 12<sup>th</sup> August (Thursday (night)) to 15<sup>th</sup> August (Sunday).
  - Rain-wind-thundershower is also expected in, Dera Ghazi Khan, Rajanpur, Khanpur, Rahimyar Khan, Multan, Bahawalpur, Bahawalnagar, Sukkur, Larkana, Jacobabad, Dadu, Shaheed Benazirabad, Mirpurkhas, Naseerabad, Jaffarabad, Kohlu, Loralai, Barkhan, Zhob, Ziarat, Quetta, Mastung, Khuzdar and Kalat from 15<sup>th</sup> August Sunday (evening) to 17<sup>th</sup> August (Tuesday).

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) 05-08-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	1.545	1609.32	34,055	20,826
b.	Pong Dam River Beas	1400	4.991	1.354	1333.96	22,224	13,003
c.	Thein Dam River Ravi	1732	1.900	0.683	1665.67	Not available	Not available

**Reference:** Ministry of Water Resources, Office of PCIW report dated 11 Aug 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 got damaged in District Ghanche on 29<sup>th</sup> 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-042

Dated 11 Aug 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	163.0	143.4	155-165	Below Low	650
	Kalabagh	950	146.2	139.7	No significant change	-do-	650
	Chashma	1,000	175.8	163.2	-do-	-do-	650
	Taunsa	1,000	180.3	158.7	-do-	-do-	650
	Guddu	1,200	172.3	134.5	-do-	-do-	700
	Sukkur	900	169.3	111.8	-do-	-do-	700
	Kotri	875	116.7	81.2	-do-	-do-	650
River Kabul	Nowshera	540	33.2	33.2	-do-	-do-	200
River Jhelum	Mangla	1,060	35.0	13.4	35-40	-do-	225
	Rasul	850	19.3	15.8	No significant change	-do-	225
River Chenab	Marala	1,100	60.0	25.8	55-60	-do-	400
	Khanki	1,100	31.8	24.4	No significant	-do-	400
	Qadirabad	900	26.9	6.9	-do-	-do-	400
	Trimmu	875	30.9	14.8	-do-	-do-	450
	Panjnad	865	30.8	15.0	-do-	-do-	450
River Ravi	Jassar	275	6.0	6.0	-do-	-do-	150
	Shahdara	250	23.5	23.5	-do-	-do-	135
	Balloki	380	38.0	9.4	-do-	-do-	135
	Sidhnai	150	25.4	8.1	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	15.8	2.4	-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-042

Dated 11 Aug 2021

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

<b>Stations</b>	<b>Rainfall (mm)</b>
<b>Punjab</b>	
Gujranwala	06
D G Khan	(Fort Munro 03)
Murree	03
<b>Balochistan</b>	
Nil	
<b>Khyber Pakhtunkhwa</b>	
Nil	
<b>Gilgit Baltistan</b>	
Nil	
<b>AJ&amp;K</b>	
Muzaffarabad A/P	03
Bandi Abbaspur	02
<b>Sindh</b>	
Nil	