



**MONSOON 2021 DAILY SITUATION REPORT NO – 047**

**(Period Covered: 1300 Hrs 15 August 2021 – 1300 Hrs 16 August 2021)**

1. **Area Affected (Last 24 Hours).**

Ser	Province / Rgn	Daily Incident
a.	ICT	<b>Nothing to Report (NTR)</b>
b.	Balochistan	
c.	Khyber Pakhtunkhwa	1 x person (male) died & 1 x person (female) got injured in District Bannu due to roof collapse.
d.	Punjab	<b>NTR</b>
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	13	3	-	16	10	-	-	10
GB	3	2	1	6	-	-	-	-
ICT	-	1	1	2	-	-	-	-
KP	15	1	13	29	35	8	14	57
Punjab	37	3	2	42	104	-	2	106
Sindh	-	-	3	3	-	-	-	-
<b>Total</b>	<b>72</b>	<b>12</b>	<b>22</b>	<b>106</b>	<b>150</b>	<b>10</b>	<b>17</b>	<b>177</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	-	-	-	82	6	-
Punjab	-	-	-	-	-	30	11	-
Sindh	-	-	-	-	-	-	150	-
<b>Total</b>	<b>13</b>	<b>9</b>	<b>22</b>	<b>3</b>	<b>-</b>	<b>226</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**

- 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	1,544.87	<b>5.589</b>	<b>5.13</b>	<b>0.293</b>
b.	Mangla	1,242.00	7.356	1,202.95	<b>4.522</b>	<b>39.05</b>	<b>2.834</b>
c.	Chashma	649.00	0.278	647.40	<b>0.202</b>	<b>1.6</b>	<b>0.076</b>
<b>Total Storage</b>		-		<b>13.516 (MAF)</b>			
<b>Total Storage till 16 Aug 2021</b>		-		<b>10.313 (MAF)</b>			
<b>Remaining Storage</b>		-		<b>3.203 (MAF)</b>			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD**. Isolated thunderstorm/rain is expected over the upper catchments of all the Major Rivers along with Khyber-Pakhtunkhwa, Punjab and Northeast Balochistan.

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

9. **Weather Advisory / Press Release**. NTR.

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) 12-08-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	1.545	1614.48	34,861	21,632
b.	Pong Dam River Beas	1400	4.991	1.354	1335.34	16,128	13,403
c.	Thein Dam River Ravi	1732	1.900	0.683	1667.60	Not available	Not available

**Reference:** Ministry of Water Resources, Office of PCIW report dated 16 August 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 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-047

Dated 16 August 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	172.0	105.7	160-170	Below Low	650
	Kalabagh	950	158.6	151.1	No significant change	-do-	650
	Chashma	1,000	192.3	182.7	-do-	-do-	650
	Taunsa	1,000	161.2	133.4	-do-	-do-	650
	Guddu	1,200	128.0	96.5	-do-	-do-	700
	Sukkur	900	85.8	38.1	-do-	-do-	700
	Kotri	875	89.1	53.6	-do-	-do-	650
River Kabul	Nowshera	540	42.5	42.5	-do-	-do-	200
River Jhelum	Mangla	1,060	35.0	16.5	30-40	-do-	225
	Rasul	850	23.1	19.7	No significant change	-do-	225
River Chenab	Marala	1,100	55.8	21.4	50-60	-do-	400
	Khanki	1,100	27.3	19.9	No significant change	-do-	400
	Qadirabad	900	22.8	2.8	-do-	-do-	400
	Trimmu	875	19.1	6.6	-do-	-do-	450
	Panjnad	865	16.9	1.0	-do-	-do-	450
River Ravi	Jassar	275	4.7	4.7	-do-	-do-	150
	Shahdara	250	21.2	21.2	-do-	-do-	135
	Balloki	380	33.5	4.7	-do-	-do-	135
	Sidhnai	150	18.1	0.7	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	15.9	2.0	-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-047

Dated 16 August 2021

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

<b>Stations</b>	<b>Rainfall (mm)</b>
<b>Punjab</b>	
Kot Addu	17
D G Khan	14
Islamabad	(A/P 05, City Trace)
Mangla & T T Singh	02
Lahore	(A/P, City 02)
Gujrat, Narowal & Jhelum	01
<b>Balochistan</b>	
Bar Khan	23
<b>Khyber Pakhtunkhwa</b>	
Dir	07
<b>Gilgit Baltistan</b>	
Bagrote	05
Astore	03
Babusar & Gilgit	02
<b>AJ&amp;K</b>	
Rawalakot	06
Kotli	05
Garidupatta	04
Muzaffarabad	(A/P 03)
Bandi Abbaspur, Chakothi & Dhulli	02
<b>Sindh</b>	
Nil	