



**MONSOON 2021 DAILY SITUATION REPORT NO – 046**

**(Period Covered: 1300 Hrs 14 August 2021 – 1300 Hrs 15 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	
d.	Punjab	2 x children got injured in District Bhakkar due to house collapse.
e.	Sindh	<b>NTR</b>
f.	AJ&K	
g.	Gilgit Baltistan	<ul style="list-style-type: none"> <li>• 18 out of 18 x landslides / mudflows have been cleared for one way traffic at below mentioned roads by Rehab Team:-               <ul style="list-style-type: none"> <li>• RD 232+000 near Dubair</li> <li>• RD 232+200 near Dubair</li> <li>• RD 232+600 near Dubair</li> <li>• RD 233+000 near Dubair</li> <li>• RD 233+350 near Dubair</li> <li>• RD 233+750 near Dubair</li> <li>• RD 234+000 near Dubair</li> <li>• RD 234+500 near Dubair</li> <li>• RD 234+700 near Dubair</li> <li>• RD 235+000 near Dubair</li> <li>• RD 237+000 near Jijal</li> <li>• RD 237+900 near Jijal</li> <li>• RD 239+500 near Jijal</li> <li>• RD 240+200 near Jijal</li> <li>• RD 242+000 near Jijal</li> <li>• RD 243+000 near Jijal</li> <li>• RD 245+500 near Shaitan Pari</li> <li>• RD 247+700 near Gloze Banda</li> </ul> </li> <li>• KKH blocked from Zero Point to Gini. Rehabilitation work under progress.</li> <li>• Babusar road blocked at 4 x locations due to landslide. Rehabilitation work under progress.</li> <li>• Rehabilitation work under progress at Badswat, Assumber valley &amp; Hispar.</li> </ul>

**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	-	-	-	-

Province / Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
ICT	-	1	1	2	-	-	-	-
KP	14	1	13	28	35	7	14	56
Punjab	37	3	2	42	104	-	2	106
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>17</b>	<b>176</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.
- 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	1,543.41	5.505	6.59	0.377
b.	Mangla	1,242.00	7.356	1,202.50	4.492	39.5	2.864
c.	Chashma	649.00	0.278	647.20	0.194	1.8	0.084
<b>Total Storage</b>		-	<b>13.516</b>	<b>(MAF)</b>			
<b>Total Storage till 15 Aug 2021</b>		-	<b>10.191</b>	<b>(MAF)</b>			
<b>Remaining Storage</b>		-	<b>3.325</b>	<b>(MAF)</b>			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD**. Scattered thunderstorm/rain of moderate intensity with isolated heavy falls is expected over the upper catchments of all the Major Rivers along with Islamabad and Peshawar, Kohat, Bannu, DI khan, Rawalpindi, Gujranwala, Sargodha & DG khan Divisions. Scattered thunderstorm/rain of moderate intensity is also expected over Lahore, Faisalabad, Sahiwal & Multan Divisions along with Northeast Balochistan.

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: -

- 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, 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).
- b. 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	1610.25	34,034	21,082
b.	Pong Dam River Beas	1400	4.991	1.354	1334.16	17,595	13,401
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 12 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.

**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	171.0	99.3	170-180	Below Low	650
	Kalabagh	950	176.4	168.9	No significant change	-do-	650
	Chashma	1,000	177.5	165.8	-do-	-do-	650
	Taunsa	1,000	160.8	132.1	-do-	-do-	650
	Guddu	1,200	125.7	90.1	-do-	-do-	700
	Sukkur	900	89.0	40.0	-do-	-do-	700
	Kotri	875	127.0	91.5	-do-	-do-	650
River Kabul	Nowshera	540	36.8	36.8	-do-	-do-	200
River Jhelum	Mangla	1,060	28.0	20.3	30-60	-do-	225
	Rasul	850	15.4	11.9	No significant change	-do-	225
River Chenab	Marala	1,100	60.0	25.6	60-90	-do-	400
	Khanki	1,100	35.9	28.5	No significant change	-do-	400
	Qadirabad	900	26.9	6.9	-do-	-do-	400
	Trimmu	875	21.6	9.1	-do-	-do-	450
	Panjnad	865	19.9	7.1	-do-	-do-	450
River Ravi	Jassar	275	4.2	4.2	-do-	-do-	150
	Shahdara	250	21.2	21.2	-do-	-do-	135
	Balloki	380	34.3	5.6	-do-	-do-	135
	Sidhnai	150	18.4	1.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	15.8	2.0	-do-	-do-	175
	Islam	300	1.3	0.0	-do-	-do-	175

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

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

Stations	Rainfall (mm)
<b>Punjab</b>	
Chakwal	53
Attock	38
Sialkot	(City 32, AP Trace)
Mangla	29
Islamabad	(Saidpur 21, Golra 17, ZP 13, Bokra 08, AP 06)
Rawalpindi	(Shamsabad 17, Chaklala16)
Murree	17
Jhelum	15
Joharabad	14
Gujrat	05
M.B.Din	03
Sargodha	02
Bhakkar	01
<b>Balochistan</b>	
Nil	
<b>Khyber Pakhtunkhwa</b>	
Dir	23
Kakul	13
Pattan	10
Saidu Sharif	07
Malam Jabba, Takht Bhai	06
Peshawar, Mardan	04
Balakot, D.I.Khan	01
<b>Gilgit Baltistan</b>	
Astore	03
Babusar	02
Gilgit, Astore, Bunji	01
<b>AJ&amp;K</b>	
Dhulli	16
Kotli	10
Chattar Kalas	09
Bandi Abbaspur	08
Rawalakot	07
Muzaffarabad	City 05
Garidupatta	02
Deolian, Haraman	01
<b>Sindh</b>	
Nil	