



**MONSOON 2021 DAILY SITUATION REPORT NO – 052**

**(Period Covered: 1300 Hrs 20 August 2021 – 1300 Hrs 21 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	<ul style="list-style-type: none"> <li>3 x persons died &amp; 4 x persons got injured in District Lahore due to wall collapse.</li> <li>1 x person got injured in District Kasur due to house collapse.</li> </ul>
e.	Sindh	<b>NTR</b>
f.	AJ&K	
g.	Gilgit Baltistan	<ul style="list-style-type: none"> <li>KKH is open for all types of traffic.</li> <li>Babusar Road is open for one way traffic.</li> <li>Rehabilitation work at Badswat &amp; Assumber valley is in progress.</li> <li>Hispar road is temporary open for traffic.</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	12	-	-	12
GB	3	2	1	6	-	-	-	-
ICT	-	1	1	2	-	-	-	-
KP	15	1	13	29	35	12	15	62
Punjab	38	4	3	45	106	3	2	111
Sindh	-	-	3	3	-	-	-	-
<b>Total</b>	<b>73</b>	<b>13</b>	<b>23</b>	<b>109</b>	<b>154</b>	<b>17</b>	<b>18</b>	<b>189</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	-	-	-	114	45	-
GB	6	6	20	-	-	-	15	1
ICT	-	-	-	-	-	-	-	-
KP	1	2	-	-	-	86	6	-
Punjab	-	-	-	-	-	32	11	-
Sindh	-	-	-	-	-	-	150	-
<b>Total</b>	<b>13</b>	<b>9</b>	<b>22</b>	<b>3</b>	<b>-</b>	<b>233</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	1,542.11	5.431	7.89	0.451
b.	Mangla	1,242.00	7.356	1,202.30	4.479	39.7	2.877
c.	Chashma	649.00	0.278	648.40	0.247	0.6	0.031
<b>Total Storage</b>		-		<b>13.516 (MAF)</b>			
<b>Total Storage till 21 Aug 2021</b>		-		<b>10.157 (MAF)</b>			
<b>Remaining Storage</b>		-		<b>3.359 (MAF)</b>			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD**. Scattered thunderstorm/rain of Moderate intensity is expected over the upper catchments of all the Major Rivers along with Peshawar, Kohat, Bannu, Rawalpindi, Gujranwala, Sargodha, Lahore & Bahawalpur Divisions and Islamabad.

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 17<sup>th</sup> August 2021 that strong monsoon currents are likely to penetrate in upper parts of the country from Thursday and likely to continue till Saturday (19<sup>th</sup> – 20<sup>th</sup> August 2021). 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, Faisalabad, Sargodha, Mianwali, Jhang, Toba Tek Singh, Bhakkar, Layyah, Sahiwal, Bahawalnagar, Kohistan, Shangla, Mansehra, Abbottabad, Haripur, Mardan, Charsadda, Nowshera, Dir, Chitral, Peshawar, Kohat, Waziristan, Tank, Karak, Bannu, D.I. Khan and Gilgit-Baltistan (Ghizer, Astore, Diamir, Skardu, Gilgit, Hunza, Nagar, Ghanche and Kharmang) with occasional gaps from Thursday (night) to Saturday (19<sup>th</sup> – 20<sup>th</sup> August 2021).

- b. Rain-wind-thundershower is also expected in, Dera Ghazi Khan, Rajanpur, Khanpur, Rahimyar Khan, Multan, Bahawalpur, Naseerabad, Jaffarabad, Kohlu, Loralai, Barkhan, Zhob, Khuzdar and Kalat from Friday (evening) and Saturday (20<sup>th</sup> – 21<sup>th</sup> August 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) 12-08-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	2.205	1615.37	33,909	21,515
b.	Pong Dam River Beas	1400	4.991	1.889	1335.32	12,992	13,411
c.	Thein Dam River Ravi	1732	1.900	0.821	1667.60	Not available	Not available

**Reference:** Ministry of Water Resources, Office of PCIW report dated 17 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 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.

**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	121.0	94.7	120-130	Below Low	650
	Kalabagh	950	176.3	169.3	120-150	-do-	650
	Chashma	1,000	133.6	116.4	No significant change	-do-	650
	Taunsa	1,000	163.2	140.8	-do-	-do-	650
	Guddu	1,200	128.1	96.5	-do-	-do-	700
	Sukkur	900	84.4	33.9	-do-	-do-	700
	Kotri	875	35.9	0.4	-do-	-do-	650
River Kabul	Nowshera	540	22.9	22.9	-do-	-do-	200
River Jhelum	Mangla	1,060	24.0	33.7	20-40	-do-	225
	Rasul	850	26.3	8.0	No significant change	-do-	225
River Chenab	Marala	1,100	53.0	17.2	40-60	-do-	400
	Khanki	1,100	14.1	6.6	No significant change	-do-	400
	Qadirabad	900	22.5	2.8	-do-	-do-	400
	Trimmu	875	22.7	6.6	-do-	-do-	450
	Panjnad	865	12.9	0.0	-do-	-do-	450
River Ravi	Jassar	275	3.1	3.1	-do-	-do-	150
	Shahdara	250	20.1	20.1	-do-	-do-	135
	Balloki	380	30.0	1.2	-do-	-do-	135
	Sidhnai	150	15.0	0.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	14.0	2.0	-do-	-do-	175
	Islam	300	0.7	0.0	-do-	-do-	175

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

**Annex C**

To NDMA SITREP No-052

Dated 21 August 2021

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

Stations	Rainfall (mm)
<b>Punjab</b>	
Lahore	Gulshan -e- Ravi 65, Johar Town 40, Nishtar Town 35, Tajpura, Chowk, Nakhuda 33, Lakshmi Chowk, Mughalpura 30, Shahi Qilla 29, Gulber 28, Upper Mall, Farukabad 27, Samanabad 24, Iqbal Town 21, City 16, Jail Road 15, & A/P 02
Sialkot	A/P 54 & City 10
Fort Munro (D G Khan)	13
Gujrat	11
Islamabad	(A/P 06, Bokra 05 & Z/P Trace)
Chakwal & Gujranwala	06
Kasur	02
Murree	03
<b>Balochistan</b>	
Barkhan	06
<b>Khyber Pakhtunkhwa</b>	
Buner	28
Malam Jabba	15
Besham	11
Balakot	05
Kakul, Pattan	03
Chitral, Lower Dir	01
<b>Gilgit Baltistan</b>	
Banuser	01
<b>AJ&amp;K</b>	
Bandi Abbaspur	62
Muzaffarabad	City 12, A/P 06
Chattar Kalas	10
Haraman	07
Garidupatta	06
Deolian	02
Kotli, Rawalakot	01
<b>Sindh</b>	
Nil	