



MONSOON 2021 DAILY SITUATION REPORT NO – 028
(Period Covered: 1300 Hrs 27 July 2021 – 1300 Hrs 28 July 2021)

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

Ser	Province / Rgn	Daily Incident
a.	ICT	1 x child and 1 x female died due to urban flooding in Sector E-11/1. Details to follow.
b.	Balochistan	<i>Nothing to Report (NTR)</i>
c.	Khyber Pakhtunkhwa	<ul style="list-style-type: none"> • 1 x house fully damaged in District Abbottabad due to land sliding. Furthermore, 50-60 houses in the area are at high risk. • 2 x children died & 2 x persons got injured in District Mardan due to building collapse. • Yarkhon-Mastuj Road blocked due to land sliding.
d.	Punjab	<ul style="list-style-type: none"> • 2 x persons died in District Gujrat due to roof collapse. • 1 x person died in District Sialkot due to building collapse. • 1 x person got injured in District Gujranwala due to roof collapse. • Due to rain in Islamabad (Saidpur 123, Golra 103, Bokra 20, Shamsabad 30 & Chaklala 15), Nullah Lai attained maximum level as following: - <ul style="list-style-type: none"> • Kattarian - 21 ft (0810 hours) • Gawal Mandi - 17 ft (0920 hours) • No loss of life or property reported and situation normalized at 1130 hrs.
e.	Sindh	<i>NTR</i>
f.	AJ&K	
g.	Gilgit Baltistan	1 x bridge damaged due to flash flood at Bagrote on 27 July 2021. However, no other damages reported. Detail assessment will be shared by GBDMA.

2. **Cumulative Damages (1 July to date)**

a. **Summary of Damages of Infrastructure & Private Properties**

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Masjid	Houses		Power Houses
						PD	FD	
AJ&K	-	-	-	-	-	-	24	-
Balochistan	6	1	-	-	-	13	5	-
GB	2	1	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-
KP	1	2	-	-	-	36	6	-
Punjab	-	-	-	-	-	19	8	-
Sindh	-	-	-	-	-	-	150	-
Total	9	4	-	-	-	68	193	-

Note: PD: Partially Damaged, FD: Fully Damaged

c. **Summary of Casualty – Injured/ Death**

Province / Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	3	2	-	5	1	2	1	4
Balochistan	13	3	-	16	10	-	-	10
GB	2	2	-	4	-	-	-	-
ICT	-	1	1	2	-	-	-	-
KP	11	1	10	22	19	3	11	33
Punjab	23	3	2	28	62	-	-	62
Sindh	-	-	3	3	-	-	-	-
Total	52	12	15	79	92	5	12	109

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. Low to Medium level flooding is expected in the Nullahs of Rivers Chenab & Ravi. Details of river discharges is attached as **Annex A**.

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	1502.36	3.363	47.64	2.519
b.	Mangla	1,242.00	7.356	1183.60	3.373	58.4	3.983
c.	Chashma	649.00	0.278	643.80	0.096	5.2	0.182
Total Storage		-		13.516 (MAF)			
Total Storage till 28 July 2021		-		6.832 (MAF)			
Remaining Storage		-		6.684 (MAF)			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD.** Fairly widespread thunderstorm/rain of Moderate to HEAVY Intensity with isolated VERY HEAVY falls is expected over the upper catchments of all the Major Rivers along with Rawalpindi, Gujranwala, Sargodha & Lahore Divisions. Scattered thunderstorm/rain with one or two HEAVY falls is expected over Peshawar, Kohat, Banu, DI khan, Faisalabad, Sahiwal, Multan, Bahawalpur & DG Khan Divisions.

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

9. **Weather Advisory / Press Release.** In response to PMD weather alert NDMA has issued weather advisory to all concerned on 26th July 2021 that strong monsoon currents

are continuously penetrating in upper parts of the country and likely to continue during the week. 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, Faisalabad, Sargodha, Mianwali, Kohistan, Shangla, Mansehra, Abbottabad, Haripur, Mardan, Charsadda, Nowshera, Dir, Chitral, Peshawar, Kohat, Tank and Karak with occasional gaps from Monday to Friday (26th- 30th July 2021).
 - b. Rain-wind-thundershower is expected in Gilgit-Baltistan (Ghizer, Astore, Diamir, Skardu Gilgit, Hunza, Nagar, Ghanche and Kharmang), Bannu, D.I. Khan, Bhakkar, Layyah, Dera Ghazi Khan, Multan, Sahiwal, Barkhan, Kohlu, Sibbi and Zhob from Tuesday to Thursday (26th 29th July 2021).
10. **Flood Warning / Alert.** As per FFD, flows are likely to increase in River Jhelum at upstream Mangla (High to Very High flood level) and High flood in River Chenab at Marala, Khanki, Qadirabad from 28th to 30th July 2021..

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) 22-07-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	1.054	1579.34	47,744	18,167
b.	Pong Dam River Beas	1400	4.991	0.620	1315.36	28,994	10,507
c.	Thein Dam River Ravi	1732	1.900	0.340	1638.40	Not available	Not available

Reference: Ministry of Water Resources, Office of PCIW report dated 28 Jul 2021.

Annex A

To NDMA SITREP No-028

Dated 28 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	273.0	142.3	300-380	Low to Medium	650
	Kalabagh	950	170.9	163.4	No significant change	Below Low	650
	Chashma	1,000	214.2	200.8	-do-	-do-	650
	Taunsa	1,000	172.3	151.3	-do-	-do-	650
	Guddu	1,200	160.9	118.4	-do-	-do-	700
	Sukkur	900	112.0	56.2	-do-	-do-	700
	Kotri	875	43.6	3.2	-do-	-do-	650
River Kabul	Nowshera	540	47.6	47.6	-do-	-do-	200
River Jhelum	Mangla	1,060	45.0	10.6	50 R 260	High to V.High	225
	Rasul	850	7.4	0.0	No significant change	Below Low	225
River Chenab	Marala	1,100	107.3	74.1	110-160	Low to Medium	400
	Khanki	1,100	78.8	72.6	80-120	Low	400
	Qadirabad	900	81.3	61.3	80-100	Low	400
	Trimmu	875	27.0	10.6	30-50	Below Low	450
	Panjnad	865	43.5	27.9	No	-do-	450
River Ravi	Jassar	275	14.6	14.6	15-30	-do-	150
	Shahdara	250	35.8	35.8	25-38	-do-	135
	Balloki	380	39.0	10.3	40-50	Low	135
	Sidhnai	150	28.2	12.4	No significant change	Below Low	90
River Sutlej	G.S. Wala	-	0.03	0.03	-do-	-do-	50
	Sulemanki	325	14.5	2.3	-do-	-do-	175
	Islam	300	2.0	0.8	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex B
To NDMA SITREP No-028
Dated 28 July 2021

SIGNIFIANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Punjab	
Islamabad	(Saidpur 123, Golra 103, City 72, Bokra 20 & A/P)
Sialkot	(City103 & A/P 83)
Gujrat	63
Narowal	54
Murree	34
Rawalpindi	(Chaklala 32 & Shamsabad 30)
Jhelum	22
Gujranwala	12
M. B. Din	06
Attock	03
Hafizabad	01
Balochistan	
Nil.	
Khyber Pakhtunkhwa	
Balakot	30
Kakul	18
Takht Bai	12
Mirkhani, Buner & Mohmand Dam	02
Gilgit Baltistan	
Nil.	
AJ&K	
Kotli	56
Panjera	38
Balakot	30
Bandi Abbaspur	28
Chakothi	27
Rawalakot	20
Brarkot	15
Muzaffarabad	(A/P 10 & City 06)
Garhi Dupatta & Chattar Kalas	05
Sindh	
Nil.	