



MONSOON 2021 DAILY SITUATION REPORT NO – 029
(Period Covered: 1300 Hrs 28 July 2021 – 1300 Hrs 29 July 2021)

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

Ser	Province / Rgn	Daily Incident
a.	ICT	<ul style="list-style-type: none">42 x houses were flooded due to heavy rain in various sectors Islamabad. De-watering operation was completed by midnight by Recue 1122 and MCI USAR teams.
b.	Balochistan	<i>Nothing to Report (NTR)</i>
c.	Khyber Pakhtunkhwa	<ul style="list-style-type: none">GLOF alert has been issued for District Chitral basing on information issued by PMD.1 x child died & 1 x child got injured due to flash flood in District Bajaur.1 x child died & 1 x child got injured due to flash flood in District Upper Dir.14 x houses partially damaged in District Mardan due to rain.2 x houses & 2 x schools partially damaged in District Haripur.
d.	Punjab	<ul style="list-style-type: none">2 x persons died in District Sialkot due to roof collapse.5 x persons got injured in District Kasur due to building collapse.2 x persons got injured in District Gujranwala due to building collapse.
e.	Sindh	<i>NTR</i>
f.	AJ&K	
g.	Gilgit Baltistan	<ul style="list-style-type: none">GLOF alert has been issued basing on information issued by PMD. <p><u>Gilgit</u></p> <ul style="list-style-type: none">On 27 July 2021 at 2000 hrs, due to heavy rain flash flooding occurred at Gaunser, Bagrote. Following infrastructural damages reported :-<ul style="list-style-type: none">Left bank tower of Chirah wooden suspension bridge, which has tilted towards downstream. Bridge is not Government infrastructure, was built by local NGO.1200 ft of pony track washed away on right bank.Approx. 130 x household are currently disconnected due damaged bridge. <p><u>Diamer</u></p> <ul style="list-style-type: none">Khiner valley road has been damaged due to flash flooding in the area. Survey of damages is in progress.Rains triggered flash floods in 04 x Valleys and caused road blockades at 03 x Points which have been cleared.2 x deaths due to flash flooding at Khiner Nullah (1 x Male & 1 x Child). <p><u>Astore</u></p> <ul style="list-style-type: none">Mirmalik flash flooding damaged 10 x Houses, standing crops and lands. No human losses reported.Mirmalik bridge also washed away.

Ser	Province / Rgn	Daily Incident
		<ul style="list-style-type: none"> Revenue teams along with GBDMA Reps have reached the area for providing immediate relief items i.e tents, kitchen sets, plastic mats/ mattresses, pillows, blankets and food packs. Flash flooding in Bubin, Parishing and Gorikote has also been reported. However no damage of life/ property reported. <p>Ghanche. Suspension Bridge at Thally Broq collapsed due to erosion. Furthermore, roadway closed between Kharko & Dogani.</p> <p>Shigar.</p> <ul style="list-style-type: none"> At Hyderabad, roadway eroded by Shigar River at single point. Restoration work is in progress. Flash flooding at Hashupi Nullah has damaged 500 KW Headwork Hashupi Phase-II and power supply from headwork is suspended. In response, excavation work has been done to avoid water entering into settlements. <p>Nagar.</p> <ul style="list-style-type: none"> Link Road between Miyacher & Damial is blocked due to landslide. Restoration work is in progress. Landslide has blocked Bar Valley Road. Restoration work is in progress. Flash flooding has damaged Chaprote Road. Restoration work is in progress. <p>Reference: GBDMA SITREP dated 28 July, 2021.</p>

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	11	1	12	24	19	3	13	35
Punjab	25	3	2	30	69	-	-	69
Sindh	-	-	3	3	-	-	-	-
Total	56	12	20	88	99	5	14	118

b. Summary of Damages of Infrastructure & Private Properties

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Masjid	Houses		Power Houses
						PD	FD	
AJ&K	-	-	-	-	-	1	26	-
Balochistan	6	1	-	-	-	13	5	-
GB	3	3	-	-	-	-	10	-
ICT	-	-	-	-	-	-	-	-
KP	1	2	-	-	-	52	6	-
Punjab	-	-	-	-	-	23	8	-
Sindh	-	-	-	-	-	-	150	-
Total	10	6	-	-	-	89	205	-

Note: PD: Partially Damaged, FD: Fully Damaged

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, River Chenab at Marala & Khanki is in medium flood level. River Kabul at Nowshera and River Chenab at Qadirabad are in low flood level. 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	1,507.36	3.608	42.64	2.274
b.	Mangla	1,242.00	7.356	1186.15	3.514	55.85	3.842
c.	Chashma	649.00	0.278	640.00	0.024	9	0.254
Total Storage		–		13.516 (MAF)			
Total Storage till 29 July 2021		–		7.146 (MAF)			
Remaining Storage		–		6.37 (MAF)			

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 Peshawar, Kohat, Banu, DI khan, Rawalpindi, Gujranwala, Sargodha, Lahore, 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: -
- 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).
 - 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	1583.86	66,836	15,185
b.	Pong Dam River Beas	1400	4.991	0.620	1320.07	81,661	1,689
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 29 Jul 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	324.0	144.8	330-390	Low to Medium	650
	Kalabagh	950	223.3	216.8	230 R 350	Low	650
	Chashma	1,000	242.4	232.3	240-280	-do-	650
	Taunsa	1,000	172.1	151.5	No significant change	Below Low	650
	Guddu	1,200	155.1	112.6	-do-	-do-	700
	Sukkur	900	107.7	51.8	-do-	-do-	700
	Kotri	875	49.2	9.8	-do-	-do-	650
River Kabul	Nowshera	540	70.9	70.9	70-80	Low	200
River Jhelum	Mangla	1,060	55.0	8.7	50-80	-do-	225
	Rasul	850	9.7	0.0	No significant change	Below Low	225
River Chenab	Marala	1,100	193.8	171.2	100-145	Low	400
	Khanki	1,100	164.3	158.5	150-190	Medium	400
	Qadirabad	900	164.9	144.9	150-180	-do-	400
	Trimmu	875	45.1	28.7	No significant	Below Low	450
	Panjnad	865	39.5	23.9	-do-	-do-	450
River Ravi	Jassar	275	14.6	14.6	10-20	-do-	150
	Shahdara	250	32.1	32.1	No significant change	-do-	135
	Balloki	380	46.3	18.0	45-55	Low	135
	Sidhnai	150	24.6	8.5	No significant change	Below Low	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	14.9	2.3	-do-	-do-	175
	Islam	300	2.1	0.9	-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	
Joharabad	82
Kasur	68
Gujranwala	51
Narowal	48
Sialkot	(City 46 & A/P 23)
Gujrat	24
Karor (Layyah)	18
Kot Addu & Murree	13
Lahore	(City 12 & A/P 10)
Islamabad	(Saidpur, ZP 11, City 05, Golra 04, Bokra 03 & A/PTrace)
DG Khan	(Vehova 11 & Zain Sanghar Nullah 09)
Noor Pur Thal	11
M. B. Din & Jhelum	08
Rawalpindi	(Chaklala & Shamsabad 04)
Bhakkar, Hafizabad	02
Mangla, T T Singh	01
Balochistan	
Nil.	
Khyber Pakhtunkhwa	
Bannu	96
Takht Bhai	85
Buner	57
Besham	45
Dir	(Lower 30 & Upper 07)
Malam Jabba	23
Saidu Sharif	13
Cherat	07
D.I. Khan	(City 06 & A/P 01)
Mohmand Dam & Peshawar	06
Balakot	05
Kakul	03
Kalam	02
Pattan	01
Gilgit Baltistan	
Babusar	07
Astore & Shisper Glacier	04
Chillas & Bagrote	01
AJ&K	
Muzaffarabad	(City 66 & A/P 37)
Panjera & Rawalakot	09
Kotli	05

Bandi Abbaspur	03
Barnala	01
Sindh	
Nil.	