



MONSOON 2021 DAILY SITUATION REPORT NO – 031
(Period Covered: 1300 Hrs 30 July 2021 – 1300 Hrs 31 July 2021)

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

Ser	Province / Rgn	Daily Incident
a.	ICT	<i>Nothing to Report (NTR)</i>
b.	Balochistan	
c.	Khyber Pakhtunkhwa	<ul style="list-style-type: none"> • 1 x person died in a flash flood in District Bajaur. • 9 x houses partially damaged in District Buner due to rain. • 1 x house partially damaged in District Nowshera due to rain. • 1 x school partially damaged in District Swat due to rain.
d.	Punjab	Flooding in hill torrents affected 5 x villages in District Mianwali. However, no loss of life reported. Detail report is awaited.
e.	Sindh	<i>NTR</i>
f.	AJ&K	Athmuqam road blocked in District Muazafarabd due to landslide. Restoration work is in progress.
g.	Gilgit Baltistan	<p><u>District Ghanche.</u></p> <ul style="list-style-type: none"> • 1x house damaged in Mashabrum due to rain. • Mashabrum road is blocked between Ghurrasay and Thughs due to river erosion. Restoration work is in progress. <p><u>District Shigar</u></p> <ul style="list-style-type: none"> • High flood level observed in Shigar nullah. • Power house is damaged at Alchori Union council. • Askoli road is blocked. Restoration work is in progress. • Detailed damage assessment report will be shared by GBDMA. <p><u>District Gilgit</u></p> <ul style="list-style-type: none"> • Riverine erosion at Jutal and Faizabad. • Debris flood at Datochi Bagrote. • 3 x water channels damaged at Datochi Bagrote. • 37 Gabions provided to Faizabad for the construction of protective bunds. • 10 x tents, 10 x foodbags & 10 x plastic mats provided to the affectees. • Bagrote restoration work is in progress. <p><u>District Ghizer</u></p> <ul style="list-style-type: none"> • Sholja Bridge and some cultivated land is under erosion. • 400 ft road at Sholja washed away & cut off the access to Assumber valley. • Restoration work is in progress. <p><u>District Hunza</u></p> <ul style="list-style-type: none"> • A Wooden Bridge at Yashkuk glacier washed away due to excessive water. Restoration work is in progress. • A portion of KKH at Batura (Passu) is temporarily rehabilitated by FWO. <p><u>District Nagar</u></p> <ul style="list-style-type: none"> • Budalas road partially damaged due to river erosion.

Ser	Province / Rgn	Daily Incident
		<ul style="list-style-type: none"> Chalt bar road blocked due to flash flood. Hispar road blocked at multiple locations. Restoration work is in progress. <p><u>District Diامر</u></p> <ul style="list-style-type: none"> KKH opened for light traffic.

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	12	1	12	25	19	3	13	35
Punjab	27	3	2	32	71	-	-	71
Sindh	-	-	3	3	-	-	-	-
Total	59	12	20	91	101	5	14	120

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	6	6	20	-	-	-	15	-
ICT	-	-	-	-	-	-	-	-
KP	1	2	-	-	-	64	6	-
Punjab	-	-	-	-	-	23	10	-
Sindh	-	-	-	-	-	-	150	-
Total	13	9	20	-	-	101	212	-

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**. A Heli sortie (MI-17) has been operated for the provision of 400x food packs and medical supplies to Badswat/ Burth area on 30th July 2021.
- d. **Relief Activities**. Following relief items has been provided by GDMA to affectees dated 29th & 30th July 2021:

Ser	Relief Items	Total
(1)	Tents	30
(2)	Ration Packs	420
(3)	Tarpaulin	14
(4)	Plastic Mats	30
(5)	Blankets	10
(6)	Sandbags	160

4. **Threat to Next Likely Areas.** NTR.
5. **River Discharges.** As per FFD, River Indus at Kalabagh & Chashma and River Chenab at Khanki are in 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	1517.36	4.104	32.64	1.778
b.	Mangla	1,242.00	7.356	1189.15	3.681	52.85	3.675
c.	Chashma	649.00	0.278	639.50	0.017	9.50	0.261
Total Storage		-		13.516 (MAF)			
Total Storage till 31 July 2021		-		7.802 (MAF)			
Remaining Storage		-		5.714 (MAF)			

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, Banu, DI khan, Rawalpindi, Gujranwala & Sargodha Divisions. Isolated thunderstorm/rain is expected over Lahore, Faisalabad, Sahiwal, Multan, DG khan & Bahawalpur Divisions.
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 30th July 2021 that monsoon currents are continuously penetrating in upper parts of the country and likely to continue till Tuesday. 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 Saturday to Tuesday.
 - Rain-wind-thundershower s expected in Gilgit-Baltistan (Ghizer, Astore, Diamir, Skardu, Gilgit, Hunza, Nagar, Ghanche and Kharmang), Bannu, D.I. Khan, Bhakkar, Layyah, Dera Ghazi Khan, Multan and Sahiwal during the period.
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) 29-07-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	1.054	1586.63	51,993	19,415
b.	Pong Dam River Beas	1400	4.991	0.620	1322.15	39,345	1,424
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 30 Jul 2021.

DETAILS OF DAMAGED BRIDGES

Khyber Pakhtunkhwa.

- 2 x Bridges i.e. Ayub bridge & Nowshera bridge damaged in District Abbottabad on 11 July 2021.

Balochistan.

- 1 x Bridge damaged in District Sibbi on 20th July 2021.

Gilgit Baltistan.

- 1 x Bridge damaged in Badswat, Ishkoman Valley on 16th July 2021.
- Chirah Wooden suspension Bridge (pedestrian bridge) damaged in District Gilgit on 28th July 2021.
- Mirmalik Bridge damaged in District Astore. On 28th July 2021.
- Baily Bridge damaged in District Ghanche on 29th July 2021.
- Sholja Bridge damaged in District Ghizer on 30th July 2021.
- A Wooden Bridge at Yashkuk glacier damaged in District Hunza on 30th July 2021.

Annex B

To NDMA SITREP No-031

Dated 31 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	351.0	164.6	310-350	Low	650
	Kalabagh	950	296.9	290.4	250-300	-do-	650
	Chashma	1,000	298.1	289.3	250-300	-do-	650
	Taunsa	1,000	193.3	171.8	195-230	Below Low	650
	Guddu	1,200	148.5	107.9	No significant change	-do-	700
	Sukkur	900	100.1	45.8	-do-	-do-	700
	Kotri	875	63.0	25.7	-do-	-do-	650
River Kabul	Nowshera	540	67.9	67.9	50-65	-do-	200
River Jhelum	Mangla	1,060	50.0	11.4	50-70	-do-	225
	Rasul	850	3.8	0.0	No significant change	-do-	225
River Chenab	Marala	1,100	105.6	90.9	80-110	Low	400
	Khanki	1,100	119.4	112.6	90-120	-do-	400
	Qadirabad	900	86.1	66.1	90-110	-do-	400
	Trimmu	875	123.2	106.9	125-150	-do-	450
	Panjnad	865	27.8	12.2	No	Below Low	450
River Ravi	Jassar	275	11.1	11.1	-do-	-do-	150
	Shahdara	250	26.7	26.7	-do-	-do-	135
	Balloki	380	53.5	25.0	45-55	Low	135
	Sidhnai	150	25.7	9.3	No significant change	Below Low	90
River Sutlej	G.S. Wala	-	0.4	0.4	-do-	-do-	50
	Sulemanki	325	14.8	2.3	-do-	-do-	175
	Islam	300	2.0	0.8	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex C

To NDMA SITREP No-031

Dated 31 July 2021

SIGNIFIANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Punjab	
Bhakkar	36
Islamabad	(Bokra, AP 21, Golra 16, ZP 03)
Rawalpindi	(Chaklala 08, Shamsabad 04)
Joharabad	26
Jhang	21
T.T.Singh	16
Sargodha	15
Layyah	14
Nurpurthal	13
Mangla	06
Attock	05
D.G.Khan	(Vehova 04)
Balochistan	
Nil.	
Khyber Pakhtunkhwa	
Malam Jabba	68
Bannu	41
Mohmand Dam	35
Cherat	23
D.I.Khan	22
Balakot, Parachinar	20
Buner	17
Upper Dir	09
Peshawar	(AP 05, City 04)
Saidu Sharif	03
Takht Bai, Kakul	01
Gilgit Baltistan	
Chillas	02
Babusar & Astore	01
AJ&K	
Muzaffarabad	(City 40, AP 14)
Rawalakot	10
Tandali, Garidupatta	04
Bandi Abbaspur	03
Barnala, Panjera, Kotli	02
Sindh	
Nil.	