



MONSOON 2021 DAILY SITUATION REPORT NO – 032

(Period Covered: 1300 Hrs 31 July 2021 – 1300 Hrs 01 August 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 child died in District Buner due to house collapse.• 1 x person got injured in District Nowshera due to school boundary wall collapse.• 1 x house partially damaged in District Upper Dir due to rain.
d.	Punjab	<ul style="list-style-type: none">• 1 x person died & 3 x persons got injured in District Faisalabad due to building collapse.• 2 x persons got injured in District Bhakkar due to roof collapse.
e.	Sindh	<i>NTR</i>
f.	AJ&K	
g.	Gilgit Baltistan	<p><u>District Gilgit.</u> Monsoon rainfall caused flooding at 6 locations (Jutial, Barmas, Kargah, Basin, Khur, & Naikoi) in District Gilgit.</p> <p>a. <u>Jutial Damages</u></p> <ul style="list-style-type: none">• Several houses, crops and trees along the Jutial Nullah have been damaged.• Water channel supplying water to Jutial complex washed away.• Protective wall of Diامر Colony Bridge is eroded. <p><u>Response</u></p> <ul style="list-style-type: none">• 2 x private Excavators have been mobilized for clearance/channelization of the nullah.• 1 x PWD tractor is engaged for mud clearance from main road.• Damage Assessment is in progress. <p>b. <u>Barmas Damages</u></p> <ul style="list-style-type: none">• Several houses, crops & fruit trees have been damaged.• Main irrigation water channel and 3 x small connected channels have been damaged.• Water supply to Amphary is damaged. <p><u>Response</u></p> <ul style="list-style-type: none">• 3 x private excavators have been mobilized, and are working to restore the roads and to clear the flood pathway.• 3 x blade tractors (B&R, DDMA, & MC) are engaged at Barmas, Thopchar and Khur for debris clearance. <p>c. <u>Kargah Damages</u></p> <ul style="list-style-type: none">• Flash flood has completely damaged the suspension bridge of Budhaa site.• 3 x main water channels have been completely washed away.

Ser	Province / Rgn	Daily Incident
		<p><u>Response</u></p> <ul style="list-style-type: none"> • 1 x private excavators mobilized for clearance of debris & for protection of bridge. • Mobilized private labor immediate restoration of irrigation channel. • 300 ft pipe has been provided to the community. <p>d. <u>Bagrote</u></p> <ul style="list-style-type: none"> • 2 x private excavators h cleared the damaged road. • Restoration of damaged Chirah bridge and pony track is in progress. • 8 x Excavators, 4 x tractor blades & 4 x private excavators are deployed for restoration work. • As per NDMA-Act, Emergency level-1 has been declared by DC/Chairman DDMA Gilgit in Tehsil Gilgit jurisdiction. <p><u>District Astore.</u></p> <ul style="list-style-type: none"> • Mirmalik area. <ul style="list-style-type: none"> • 36 meters of Bridge area has been connected to both sides of nullah. • 70 ft Road is cleared with dozer and 6 x labours. • 1 km damaged Road has been restored with dozer filling by change of alignment 70ft deep and 60ft length. • Road is open for traffic. • Bubin. 85% of Road blockades clearance work completed. • Gorikote. 95% of Garikay road is cleared. Drinking water supply restored temporarily. • AVR blocked at Mushkin area, cleared in an effort of 1hr. <p><u>District Nagar</u></p> <ul style="list-style-type: none"> • Nagar road blocked at Tokorkot area. • 100 ft road along with retaining wall damaged. Water channel Tokorkot also got damaged. • <u>Response</u> <ul style="list-style-type: none"> • 15 x Road Coolies & 1 x tractor blade have been deployed on site. • Restoration work is in progress. <p><u>District Diamer</u></p> <ul style="list-style-type: none"> • 3km road is restored at Khinner. • Road is blocked from Head Work to Forebay. Restoration work is in progress. <p><u>District Shiger</u></p> <ul style="list-style-type: none"> • Flash Flood hit at Basha valley Ongbosok nullah and blocked the road with flood boulders and debris. • <u>Response:</u> <ul style="list-style-type: none"> • Road coolies have been mobilized & removed the flood deposit, boulders through blade tractor. Road is restored and opened for traffic. • <u>Braldo valley.</u> Youno nullah, Hyderabad nullah, Foljo nullah temporarily restored.

Ser	Province / Rgn	Daily Incident
		<p data-bbox="608 188 847 219"><u>District Ghanche</u></p> <ul data-bbox="655 230 1485 1010" style="list-style-type: none"> <li data-bbox="655 230 1023 262">• <u>Thogmas Flash Flood</u> <ul data-bbox="715 271 1485 539" style="list-style-type: none"> <li data-bbox="715 271 1453 302">• The overall flow of water has decreased in the nullah <li data-bbox="715 311 1334 342">• Water supply has been restored to the area <li data-bbox="715 351 1485 423">• A foot bridge has been developed to allow movement of people across the blockade <li data-bbox="715 432 1485 539">• 4 HT Pole along with other equipment required for restoration of electricity to the area have been shifted to the site and the work is underway. <li data-bbox="715 548 927 580">• <u>Relief Work</u> <ul data-bbox="715 589 1485 696" style="list-style-type: none"> <li data-bbox="715 589 1485 660">• Manpower of 29AK and 23 Engr Coy along with the 1x excavator & 1x dozer are deployed on site. <li data-bbox="715 669 1321 701">• Both banks of Thogmus Nullah made safe. <li data-bbox="655 710 1046 741">• <u>Ghursay Road Erosion</u> <ul data-bbox="715 750 1485 1010" style="list-style-type: none"> <li data-bbox="715 750 1485 822">• Cutting and blasting working is underway for realignment of the road. <li data-bbox="715 831 1485 902">• A wheel loader and a tractor-bucket are working on the site. <li data-bbox="715 911 1485 1010">• Restoration of road will be completed in 4-5 days. Meanwhile, light traffic is being diverted towards Sailing-Machulu-Haldi route. <p data-bbox="608 1019 815 1050"><u>District Ghizer</u></p> <ul data-bbox="667 1059 1485 1256" style="list-style-type: none"> <li data-bbox="667 1059 1161 1090">• Badsawat Road opened for traffic. <li data-bbox="667 1099 1485 1171">• Darkut Nallah damaged 30 ft road; which has been restored. <li data-bbox="667 1180 1485 1256">• 260 ft damaged portion of Main Immit Road; has been restored for all type of traffic. <p data-bbox="608 1265 810 1296"><u>District Hunza</u></p> <ul data-bbox="667 1305 1485 1691" style="list-style-type: none"> <li data-bbox="667 1305 1485 1413">• Serfo Pari Ghursay (Siachen Sector) 1st blockage 70 ft out of 150 ft has been partially restored and opened for light vehicles. <li data-bbox="667 1422 1485 1494">• Chipurson road opened for traffic from Sost to last village Zoodkhun. <li data-bbox="667 1503 1485 1646">• Zoodkhun to Ziarat is blocked due to damage of two bridges i.e. 1 x Truss Bridge about 40 ft span and 1 x Wooden Bridge. Restoration work of both wooden bridges is in progress. <li data-bbox="667 1655 1198 1686">• Shimshal road is open 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	13	26	20	3	13	36
Punjab	28	3	2	33	76	-	-	76
Sindh	-	-	3	3	-	-	-	-
Total	60	12	22	94	107	5	14	126

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	-	-	-	67	6	-
Punjab	-	-	-	-	-	25	10	-
Sindh	-	-	-	-	-	-	150	-
Total	13	9	20	-	-	106	212	-

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**. 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.
- 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.

- River Discharges**. As per FFD, River Indus at Kalabagh & Chashma and River Kabul at Nowshera 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	1521.00	4.290	29	1.592
b.	Mangla	1,242.00	7.356	1190.80	3.776	51.2	3.58
c.	Chashma	649.00	0.278	639.50	0.017	9.50	0.261
Total Storage		-		13.516 (MAF)			
Total Storage till 01 Aug 2021		-		8.083 (MAF)			
Remaining Storage		-		5.433 (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 DG khan & Bahawalpur Divisions. Isolated thunderstorm/rain of Moderate Intensity with one or two heavy falls is expected over Gujranwala, Sargodha, Lahore, Faisalabad, Sahiwal & Multan, 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: -

- 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 Saturday to Tuesday.
- b. 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.
- 1 x Wooden Bridge at Yashkuk glacier damaged in District Hunza on 30th July 2021.
- 1 x Truss Bridge about 40 ft span on Road Zoodkhun to Ziarat damaged in District Hunza on 31 July 2021.
- 1 x Wooden Bridge on Road Zoodkhun to Ziarat damaged in District Hunza on 31 July 2021.

Annex B
To NDMA SITREP No-032
Dated 01 Aug 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	328.0	219.1	290-325	Low	650
	Kalabagh	950	271.0	264.5	280-340	-do-	650
	Chashma	1,000	330.8	322.0	290-340	-do-	650
	Taunsa	1,000	276.1	246.6	270-300	-do-	650
	Guddu	1,200	153.3	110.8	No significant change	Below Low	700
	Sukkur	900	97.9	44.3	-do-	-do-	700
	Kotri	875	63.0	25.7	-do-	-do-	650
River Kabul	Nowshera	540	77.4	77.4	70-80	Low	200
River Jhelum	Mangla	1,060	50.0	10.6	50-70	Below Low	225
	Rasul	850	6.7	0.0	No significant change	-do-	225
River Chenab	Marala	1,100	119.3	96.1	100-130	Low	400
	Khanki	1,100	106.8	100.0	100-120	-do-	400
	Qadirabad	900	100.7	80.7	100-120	-do-	400
	Trimmu	875	92.4	76.1	70-90	Below Low	450
	Panjnad	865	24.0	8.2	No	-do-	450
River Ravi	Jassar	275	8.8	8.8	08-15	-do-	150
	Shahdara	250	18.9	18.9	No significant change	-do-	135
	Balloki	380	51.4	23.3	45-55	Low	135
	Sidhnai	150	28.0	11.6	No significant change	Below Low	90
River Sutlej	G.S. Wala	-	1.0	1.0	-do-	-do-	50
	Sulemanki	325	16.7	3.3	-do-	-do-	175
	Islam	300	1.6	0.4	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex C

To NDMA SITREP No-032

Dated 01 Aug 2021

SIGNIFIANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Punjab	
Lahore	(Shahi Qila 132, Shahdra 128, Misri Shah105, City, Lakshmi chowak 60, Gulberg 49, Mughalpura 32, AP 26, Upper Mall 21, Sanamabad 18, Tajpura SDO office 08, Township 06, Johar Town, Iqbal Town 04, Punjab University 03, Gulshan Ravi 01)
Murree	31
Mangla	30
Bahawalpur	(AP 30, City 19)
Faisalabad	(Gulistan Colony 52, Dogar Basti 23, Ghulam Muhammad Abad 20, Iqbal colony 14, Madina Town 05, City 01)
Okara	12
Sargodha	09
T.T.Singh	08
Joharabad	04
M.B.Din, Jhelum, Chakwal	02
Gujranwala	01
Sialkot	(AP 01)
Islamabad	(AP 01, ZP Trace)
Balochistan	
Zhob	12
Sibbi	11
Khyber Pakhtunkhwa	
Kakul	40
Malamjabba	22
Parachinar	17
Kalam	07
Balakot,	05
Pattan	03
Dir	(Upper 26, Lower 01)
Saidu Sharif	01
Gilgit Baltistan	
Gilgit	03
Bunji	02
Astore	01
AJ&K	
Rawalakot	09
Garidupatta	10
Sindh	
Nil.	

