



**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
Islamabad**



MONSOON 2021 DAILY SITUATION REPORT NO – 019
(Period Covered: 1300 Hrs 18 July 2021 – 1300 Hrs 19 July 2021)

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

Ser	Province / Rgn	Daily Incident
a.	ICT	Nothing to Report (NTR)
b.	Balochistan	
c.	Khyber Pakhtunkhwa	<ul style="list-style-type: none"> Due to heavy rain/ land sliding in District Lower Dir, 1 x house partially damaged. However, no human loss reported. 1 x car washed away in flash flood at Shringil, resultantly 2 x persons died.
d.	Punjab	NTR
e.	Sindh	
f.	AJ&K	3 x persons died and 2 x persons got injured due to lightning strike at Athmuqam, District Neelum,
g.	Gilgit Baltistan	<ul style="list-style-type: none"> Babusar road has been blocked at 5 points between Khun and Loshi due to landslide. Clearance work in progress. 150 x food packs have been provided to the affectees of Badswat GLOF incident. In addition, 11 x tents along with plastic mats have been provided to the displaced families

2. **Cumulative Damages (1 July todate)**

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	-	-	-	23	-	-
Punjab	-	-	-	-	-	6	7	-
Sindh	-	-	-	-	-	-	-	-
Total	9	4	-	-	-	42	36	-

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	1	2	-	3	1	2	1	4
Balochistan	13	3	-	16	10	-	-	10
GB	2	2	-	4	-	-	-	-
ICT	-	-	-	-	-	-	-	-
KP	9	1	3	13	15	2	3	20
Punjab	8	3	2	13	5	-	-	5
Sindh	-	-	2	2	-	-	-	-
Total	33	11	7	51	32	3	4	39

3. **Flood Relief Activities**

- a. **Relief Camps Established.** NTR.
- b. **Rescue Activities.** NTR.
- c. **Aviation Activities.**NTR.
- d. **Relief Activities.** Due to outburst of Glacier at village Badswat Ishoman on 16th July 2021, GBDMA has issued following relief items to the affected people:

Ser	Items	Quantity
1	Tents	11 No
2	Plastic Mats	11 No
3	Foodpacks	150

4. **Threat to Next Likely Areas.** NTR.

5. **River Discharges.** As per FFD, all the major rivers are flowing with normal flows and there is no riverine flood situation in the country. 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	1464.58	1.722	85.42	4.16
b.	Mangla	1,242.00	7.356	1168.30	2.583	73.7	4.773
c.	Chashma	649.00	0.278	645.20	0.131	3.8	0.147
Total Storage		-		13.516 (MAF)			
Total Storage till 19 July 2021		-		4.436 (MAF)			
Remaining Storage		-		9.08 (MAF)			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD.** Fairly widespread thunderstorm/rain with HEAVY FALLS at scattered places, VERY HEAVY FALLS at isolated places and EXTREMELY HEAVY FALLS at one or two places is likely over the upper catchments of Rivers Indus, Kabul, Jhelum and Chenab along with Khyber-Pakhtunkhwa and Rawalpindi, Sargodha, Gujranwala & Lahore Divisions. Scattered thunder/storm rain of moderate intensity with isolated heavy falls is expected over the upper catchments of Rivers Ravi and Sutlej along with 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 16th July 2021 that strong monsoon currents are likely to penetrate upper parts of the country from Sunday 18th July and may persist till

Wednesday 21st July 2021. Under the influence of this weather system, following is predicted: -

- a. Rain-wind-thundershower (with very heavy/torrential rain) is expected in Kashmir, Islamabad, Rawalpindi, Attock, Chakwal, Jhelum, Gujrat, Mandi Bahauddin, Sialkot, Narowal, Gujranwala, Hafizabad, Lahore, Sheikhpura, Kasur, Okara, Faisalabad, Jhang, Toba Tek Singh, Sargodha, Mianwali, Khushab, Dir, Swat, Buner, Kohistan, Shangla, Mansehra, Abbottabad, Haripur, Mardan, Swabi, Charsadda, Nowshera, Peshawar, Waziristan, Kurrum, Bannu, Kohat, Lakki Marwat, Tank, Karak , Dera Ismail Khan and Gilgit-Baltistan (Ghizer, Astore, Diamer, Skardu, Gilgit, Hunza Nagar, Ghanche and Kharmang) from Sunday 18th July (evening/night) to Wednesday 21st July 2021.
 - b. Rain/wind-thundershower (with isolated heavy falls) is expected in Bhakkar, Layyah, Dera Ghazi Khan, Rajanpur, Multan, Khanewal, Sahiwal, Bahawalnagar, Bahawalpur, Rahim Yar Khan, Sibbi, Naseerabad, Jaffarabad, Kohlu, Loralai, Barkhan, Zhob, Musa Khel, Quetta, Ziarat, Harnai, Qila Saifullah, Qila Abdullah, Larkana, Sukkur, Jaccobabad, Tharparker, Sanghar, Umerkot and Mirpurkhas from Monday 19th July (evening) to Thursday 22nd July 2021.
 - c. Flood situation (Medium to High) may arise in River Indus, Kabul along with their Tributaries/Nullahs and Hill Torrents of DG Khan Division. Flood situation (High to Very High) may arise in River Jhelum (upstream), Chenab along with their associated Tributaries/Nullahs from 20th July 2021.
 - d. Torrential rains may generate flash flooding in Local/Barsati Nullahs of Shangla, Buner, Batgram, Mansehra, Balakot, Abbottabad, Swat, Kohistan, Mardan, Charsadda, Kohat, Kashmir, Islamabad/Rawalpindi, Sialkot, Narowal and hill torrents of Dera Ghazi Khan, from Monday 19th July 2021 to Wednesday 21st July 2021.
10. **Flood Warning / Alert**. As per FFD, following flood situations are expected from 20th to 21st July 2021:
- a. Flood situation (**Medium**) is expected in Rivers Indus, Kabul along with their Tributaries/Nullahs.
 - b. Flood situation (**Very High to Exceptional High**) is expected in River Jhelum (upstream) along with its associated Tributaries/Nullahs.
 - c. Flood situation (**High to Very High**) is expected in River Chenab along with its associated Tributaries/Nullahs.

- d. Flood situation (**Medium to High**) is also expected in Tributaries/Nullahs of River Ravi.

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) 15-07-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	1.054	1553.7	45,949	29,205
b.	Pong Dam River Beas	1400	4.991	0.620	1299.94	29,590	5,011
c.	Thein Dam River Ravi	1732	1.900	0.340	1638.10	Not available	Not available

Reference: Ministry of Water Resources, Office of PCIW report dated 19 Jul 2021.

Annex A

To NDMA SITREP No-019

Dated 19 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	237.0	84.4	250 – 375	Low to Medium	650
	Kalabagh	950	188.6	181.8	180 – 270	Low	650
	Chashma	1,000	261.1	242.5	240 – 290	-do-	650
	Taunsa	1,000	187.1	163.6	No Significant Change	Below Low	650
	Guddu	1,200	138.2	95.0	-do-	-do-	700
	Sukkur	900	91.9	37.4	-do-	-do-	700
	Kotri	875	24.4	0.5	-do-	-do-	650
River Kabul	Nowshera	540	48.7	48.7	70– 100	Medium	200
River Jhelum	Mangla	1,060	52.0	12.4	50 R 350	V. High to Ex. High	225
	Rasul	850	7.2	0.0	50 – 80	Low	225
River Chenab	Marala	1,100	88.5	54.1	100 R 450	High to V. High	400
	Khanki	1,100	42.3	34.6	100 R 450	High to V. High	400
	Qadirabad	900	38.1	18.1	No Significant Change	Below Low	400
	Trimmu	875	25.9	9.3	-do-	-do-	450
	Panjnad	865	13.8	0.0	-do-	-do-	450
River Ravi	Jassar	275	4.2	4.2	4 – 20	-do-	150
	Shahdara	250	23.5	23.5	No Significant Change	-do-	135
	Balloki	380	34.5	5.3	-do-	-do-	135
	Sidhnai	150	22.7	6.6	-do-	-do-	90
	G.S. Wala	-	0.0	0.0	-do-	-do-	50
River Sutlej	Sulemanki	325	14.7	2.6	-do-	-do-	175
	Islam	300	1.2	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex B

To NDMA SITREP No-019

Dated 19 July 2021

SIGNIFIANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Islamabad	
Nil	
Punjab	
Hafizabad	40
Rawalpindi	34
Mandi Bahaudin	31
Murree	26
Attock	25
Lahore	22
Mangla	17
Chakwal	05
Jhelum	04
Balochistan	
Zhobb	14
Kalat	06
Dalbandin, Kharan	02
Khyber Pakhtunkhwa	
Buner	35
Kakul	13
Saidu Sharif	06
Balakot, Besham	03
Cherat, Takht Bhai	02
Lower Dir, Kalam	01
Gilgit Baltistan	
Astore	05
Bagrote	02
Bunji	01
AJ&K	
Chattar Kallas	34
Kotli	27
Garhi Dupatta	17
Muzaffaarabad	14
Panjera	05
Rawalakot	04
Chakothe, Barnala, Bandi Abbaspur	03
Sindh	
Nil	