

MOST IMMEDIATE / BY FAX



F.1 (E)/2020-NDMA (MW/SITREP)
**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD**



Dated: 11 July 2021

Subject: **NDMA Monsoon 2021 Daily Situation Report No 011**

NDMA Monsoon 2021 Daily Situation Report No 011 covering period from 1300 hours on 10 July 2021 to 1300 hours 11 July 2021 is enclosed for information / necessary action, please.


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For Chairman NDMA
(Muhammad Ala Ud Din)
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To: Secretary to Prime Minister, Prime Minister's Office, Islamabad
Military Secretary to Prime Minister, Prime Minister's House, Islamabad

Cc: Director General, Pakistan Meteorological Department, Islamabad
Director General, Frontier Works Organization, Rawalpindi
Chairman, Federal Flood Commission, Islamabad
Chairman, National Highway Authority, Islamabad
Joint Commissioner, Pakistan Commission for Indus Water, Islamabad
Chief Meteorologist, Flood Forecasting Division, Lahore
Director General, NHEPRN, Islamabad
Director General, PDMA Balochistan, Quetta
Director General, PDMA Khyber Pakhtunkhwa, Peshawar
Director General, PDMA Punjab, Lahore
Director General, PDMA Sindh, Karachi
Director General, SDMA AJ&K, Muzaffarabad
Director General, GBDMA, Gilgit
Joint Crisis Management Cell, Joint Staff Headquarters, Rawalpindi
Military Operation Directorate (MO-4), GHQ, Rawalpindi
Arms Branch, Engineers Directorate, GHQ, Rawalpindi
Director (SOF & Marines), Naval Headquarters, Islamabad
Director (Ops), Air Headquarters, Islamabad
Deputy Commissioner, Islamabad

ID: APS to Member (Ops), NDMA
APS to Member (A&F), NDMA
APS to Member (DRR), NDMA
Director (Logistics), NDMA
Director (R&R), NDMA
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Director (P&IC), NDMA
Director (Admin), NDMA
Director (Finance), NDMA
Director (Media & IT), NDMA
PS to Chairman, NDMA



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Islamabad**



MONSOON 2021 DAILY SITUATION REPORT NO – 011

(Period Covered: 1300 Hrs 10 July 2021 – 1300 Hrs 11 July 2021)

1. **Area Affected (Last 24 Hours)**. NTR.
2. **Cumulative Damages (1 July to date)**.
 - a. **Damages (During Significant Events – Monsoon 2021)**. A GLOF event occurred in upper area of Naltar Bala on 5th July 2021. Four person have been reported dead and approximately 700x meters of road has been washed away.
 - b. **Summary of Damages of Infrastructure & Private Properties.**

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Masjid	Houses		Power House s
						PD	FD	
AJ&K	-	-	-	-	-	-	-	-
Balochistan	-	-	-	-	-	-	-	-
GB	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-
KP	-	-	-	-	-	11	-	-
Punjab	-	-	-	-	-	-	5	-
Sindh	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	11	5	-

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

Province / Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	-	-	-	-	-	-	-	-
Balochistan	-	1	-	1	-	-	-	-
GB	2	2	-	4	-	-	-	-
ICT	-	-	-	-	-	-	-	-
KP	2	1	-	3	3	2	2	7
Punjab	6	-	-	6	1	-	-	1
Sindh	-	-	-	-	-	-	-	-
Total	10	4	-	14	4	2	2	8

3. **Flood Relief Activities**

- a. **Relief Camps Established**. NTR.
- b. **Rescue Activities**. NTR.
- c. **Aviation Activities**.NTR.
- d. **Relief Activities**. NTR.

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

5. **River Discharges**. No flood situation is observed in any of the major river. Sharp peaks at Mangla upstream up to medium level is expected during next 48-Hours. 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	1,438.45	0.851	111.55	5.031
b.	Mangla	1,242.00	7.356	1,158.30	1.997	83.7	5.359
c.	Chashma	649.00	0.278	643.20	0.082	5.8	0.196
Total Storage		-		13.516 (MAF)			
Total Storage till 11 July 2021		-		2.93 (MAF)			
Remaining Storage		-		10.586s (MAF)			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD**. Scattered to fairly wide-spread thunderstorm/rain of moderate intensity with isolated heavy falls is expected over the upper catchments of all the Major Rivers along with Rawalpindi, Sargodha Gujranwala & Lahore Divisions. Isolated thunderstorm/ rain is expected over Peshawar, Kohat, Bannu, DI Khan, Faisalabad, Sahiwal, Multan, DG Khan & Bahawalpur Divisions along with East Balochistan and Southeast Sindh.

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 8th July 2021 that strong monsoon currents are likely to penetrate northeastern parts of the country from weekend. Under the influence of this weather system, following is predicted:-

- a. Rain-wind-thundershower (with few heavy falls at time) 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, Bhakkar and Layyah from 10th July 2021 (evening/night) to 14th July 2021.

- b. Rain-wind-thundershowers (with few heavy falls at time) is expected in Dir, Swat, Buner, Kohistan, Shangla, Mansehra, Abbottabad, Haripur, Mardan, Swabi, Charsadda, Nowshera, Peshawar, Waziristan, Kurrum, Bannu, Kohat, Lakki Marwat, Tank, Karak and Dera Ismail Khan, Gilgit-Baltistan (Ghizer, Astore, Diamer, Skardu, Gilgit, Hunza Nagar, Ghanche and Kharmang) from 11th July 2021 (evening/night) to 14th July 2021.
- c. Rain/wind-thundershower (with isolated heavy falls) is expected in Dera Ghazi Khan, Rajanpur, Multan, Khanewal, Sahiwal, Bahawalnagar, Bahawalpur and Rahim Yar Khan, Sibbi, Kohlu, Loralai, Barkhan, Sukkar, Jaccobabad, Tharparker, Sanghar and Mirpurkhas from 12th July 2021 (evening/night) to 14th July 2021.

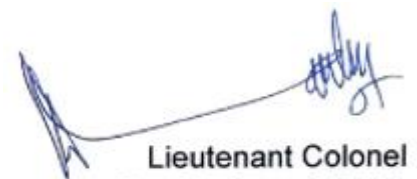
10. **Flood Warning / Alert.**

- a. There is a likelihood of urban flooding due to heavy rains in Rawalpindi, Lahore, Gujranwala, Peshawar and Faisalabad on 12th and 13th July 2020.
- b. Heavy rains may generate flash flooding and may trigger landslides in vulnerable areas of Kashmir, Gilgit Baltistan, Punjab and Khyber Pakhtunkhwa from 12th to 14th 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) 08-07-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	0.721	1538.3	39,199	31,433
b.	Pong Dam River Beas	1400	4.991	0.252	1278.12	11,444	7,506
c.	Thein Dam River Ravi	1732	1.900	0.460	1636.53	Not available	Not available

Reference: Ministry of Water Resources, Office of PCIW report dated 11 Jul 2021.


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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	175.0	83.8	175 – 195	Below Low	650
	Kalabagh	950	186.8	180.8	No significant change	-do-	650
	Chashma	1,000	181.5	171.9	-do-	-do-	650
	Taunsa	1,000	156.4	138.8	-do-	-do-	650
	Guddu	1,200	116.8	83.7	-do-	-do-	700
	Sukkur	900	79.4	30.6	-do-	-do-	700
	Kotri	875	29.5	0.5	-do-	-do-	650
River Kabul	Nowshera	540	40.3	40.3	40 – 55	-do-	200
River Jhelum	Mangla	1,060	44.0	11.6	50 – 80 Sharp peak of medium flood level	Low	225
	Rasul	850	33.4	11.9	No Significant Change	Below Low	225
River Chenab	Marala	1,100	79.7	45.8	70 – 90	-do-	400
	Khanki	1,100	33.7	25.7	35 – 50	-do-	400
	Qadirabad	900	48.0	28.0	No Significant Change	-do-	400
	Trimmu	875	27.6	10.8	-do-	-do-	450
	Panjnad	865	12.7	0.0	-do-	-do-	450
River Ravi	Jassar	275	8.3	8.3	8 – 20	-do-	150
	Shahdara	250	28.0	28.0	No Significant Change	-do-	135
	Balloki	380	34.6	5.3	-do-	-do-	135
	Sidhnai	150	14.4	0.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	14.9	3.1	-do-	-do-	175
	Islam	300	1.7	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex B
To NDMA SITREP No-011
Dated 11 July 2021

SIGNIFIANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Islamabad	
Golra	55
Zeropoint	52
Saidpur	35
Bokra	19
New Airport	09
Punjab	
Rawalpindi	42
Chaklala	42
Shamsabad	32
Mandi Bahaudin	14
Chakwal & Mangla	11
Murree	08
Jhelum	05
Lahore	04
Baba Shah Jalal	03
Rohtas, Sialkot City & Kasur	01
Balochistan	
Lasbella	18
Ziarat	10
Panjgur & Kalat	05
Khyber Pakhtunkhwa	
Kakul	33
Malam Jabba	26
Besham	08
Parachinar	06
Dir & Oghi	02
Saidu Sharif	01
Gilgit Baltistan	
Nil	
AJ&K	
Bandi Abbaspur	50
Garhi Dupatta	18
Hajira, Muzaffarbad & Rawalakot	04
Brarkot	03
Chattar Kallas	02
Barnala	01
Sindh	
Nil	