



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



Dated: 18 July 2021

Subject: **NDMA Monsoon 2021 Daily Situation Report No 018**

NDMA Monsoon 2021 Daily Situation Report No 018 covering period from 1300 hours on 17 July 2021 to 1300 hours 18 July 2021 is enclosed for information / necessary action, please.


Lieutenant Colonel
For Chairman NDMA
(Muhammad Ala Ud Din)
Tel. 051-9087874
Fax No: 9205086

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
Director (Implementation), NDMA
Director (P&IC), NDMA
Director (Admin), NDMA
Director (Finance), NDMA
Director (Media & IT), NDMA
PS to Chairman, NDMA



MONSOON 2021 DAILY SITUATION REPORT NO – 018
(Period Covered: 1300 Hrs 17 July 2021 – 1300 Hrs 18 July 2021)

1. **Area Affected (Last 24 Hours)**. Nothing to report (NTR).

2. **Cumulative Damages (1 July to date)**

a. **Summary of Damages of Infrastructure & Private Properties**

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Masjid	Houses		Power Houses
						PD	FD	
AJ&K	-	-	-	-	-	-	23	-
Balochistan	6	1	-	-	-	13	5	-
GB	2	1	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-
KP	1	2	-	-	-	22	-	-
Punjab	-	-	-	-	-	6	7	-
Sindh	-	-	-	-	-	-	-	-
Total	9	4	-	-	-	41	35	-

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	2	-	-	2	2	1	1	4
Balochistan	13	3	-	16	10	-	-	10
GB	2	2	-	4	-	-	-	-
ICT	-	-	-	-	-	-	-	-
KP	7	1	3	11	15	2	3	20
Punjab	8	3	2	13	5	-	-	5
Sindh	-	-	2	2	-	-	-	-
Total	32	9	7	48	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, DDMA Ghizer had issued following relief items to the affected people:

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

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	1460.44	1.553	89.56	4.332
b.	Mangla	1,242.00	7.356	1166.90	2.518	75.1	4.838
c.	Chashma	649.00	0.278	647.60	0.211	1.4	0.067
Total Storage		-		13.516 (MAF)			
Total Storage till 18 July 2021		-		4.282 (MAF)			
Remaining Storage		-		9.237 (MAF)			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD**. Isolated thunderstorm/rain is expected over the upper catchments of all the Major Rivers along with Gujranwala and Kalat 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.

10. **Flood Warning / Alert.** As per FFD, 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.

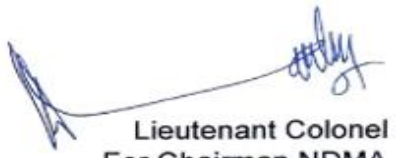
a. Torrential rains may generate flash flooding in Local/Barsati Nullahs of Shangla, Buner, Batgram, Mansehra, Balakot, Abbottabad, Swat, Kohistan, Mardan, Charsadda, Kohat, Kashmir, Islamabad/Rawalpindi, Sialkot, Narowal and hill torrents of Dera Ghazi Khan, from Monday 19th July 2021 to Wednesday 21st July 2021.

b. Urban flooding in Rawalpindi, Gujranwala, Lahore, Kasur, Faisalabad, Peshawar and Nowshera during the period.

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	1547.14	37,839	28,958
b.	Pong Dam River Beas	1400	4.991	0.252	1295.05	27,316	8,912
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 15 Jul 2021.


Lieutenant Colonel
For Chairman NDMA
(Muhammad Ala Ud Din)
Tel. 051-9087874
Fax No: 9205086

Annex A

To NDMA SITREP No-018

Dated 18 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	183.0	141.1	180 – 200	Below Low	650
	Kalabagh	950	196.8	191.0	No Significant change	-do-	650
	Chashma	1,000	226.6	207.1	-do-	-do-	650
	Taunsa	1,000	185.7	162.3	-do-	-do-	650
	Guddu	1,200	137.5	95.0	-do-	-do-	700
	Sukkur	900	86.1	35.6	-do-	-do-	700
	Kotri	875	25.3	0.5	-do-	-do-	650
River Kabul	Nowshera	540	45.9	45.9	40– 50	-do-	200
River Jhelum	Mangla	1,060	40.0	8.3	40– 50	-do-	225
	Rasul	850	6.8	0.0	No Significant Change	-do-	225
River Chenab	Marala	1,100	80.3	46.5	60 – 80	-do-	400
	Khanki	1,100	31.1	23.7	No Significant Change	-do-	400
	Qadirabad	900	25.5	5.5	-do-	-do-	400
	Trimmu	875	35.9	19.3	-do-	-do-	450
	Panjnad	865	12.2	0.0	-do-	-do-	450
River Ravi	Jassar	275	5.5	5.5	-do-	-do-	150
	Shahdara	250	24.1	24.1	-do-	-do-	135
	Balloki	380	36.8	7.6	-do-	-do-	135
	Sidhnai	150	21.5	5.3	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	14.9	2.9	-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-018

Dated 18 July 2021

SIGNIFIANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Islamabad	
Nil	
Punjab	
Bhoun	01
Balochistan	
Gwadar	04
Quetta	03
Ziarat	01
Khyber Pakhtunkhwa	
Nil	
Gilgit Baltistan	
Nil	
AJ&K	
Nil	
Sindh	
Nil	