

**MOST IMMEDIATE / BY FAX**



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



Dated: 17 July 2021

Subject: **NDMA Monsoon 2021 Daily Situation Report No 017**

NDMA Monsoon 2021 Daily Situation Report No 017 covering period from 1300 hours on 16 July 2021 to 1300 hours 17 July 2021 is enclosed for information / necessary action, please.

  
Lieutenant Colonel  
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  
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 – 017**  
**(Period Covered: 1300 Hrs 16 July 2021 – 1300 Hrs 17 July 2021)**

1. **Area Affected (Last 24 Hours).** Following were reported due to heavy rain:

Ser	Province / Rgn	Daily Incident
a.	ICT	Nothing to Report (NTR)
b.	Balochistan	
c.	Khyber Pakhtunkhwa	
d.	Punjab	Roof of 1 x house collapsed leading to 1 x death and 1 x injured in District Hafizabad.
e.	Sindh	On 16 July 2021, due to heavy rain in District Dadu, water level of Nai Gaj Dam had reached up to 22 ft and resulted into out flow of water into Kacho Area. Later, water was descending into Manchar lake and reduced to 17 ft. However, District Administration shifted 6 x boats, 25 x life jackets & 100 x tents in Taluka Johi in case of any emergency. Currently, weather is clear in District Dadu.
f.	AJ&K	NTR
g.	Gilgit Baltistan	<p>GBDMA reported occurrence of GLOF Event at 2000hrs in Badswat. Following are the details of an incident:</p> <ul style="list-style-type: none"> <li>• GLOF has increased water flow in Qurumber river.</li> <li>• GLOF has changed water course from Badswat glacier which has badly damaged road from Bilhaz to Badswat glacier area.</li> <li>• 11 x affected households are evacuated to safer places.</li> <li>• Approximately 100 x households (in a village) are likely to cut off from Badswat area.</li> <li>• Tents have been provided to the affected persons.</li> <li>• DDMA team is on site monitoring flow of water and assess the situation.</li> <li>• Detail assessment report will be shared later by GBDMA.</li> </ul>

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	-	-	-	-	-	-	23	-
Balochistan	-	-	-	-	-	1	3	-
GB	1	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-
KP	1	2	-	-	-	22	-	-
Punjab	-	-	-	-	-	6	7	-
Sindh	-	-	-	-	-	-	-	-
<b>Total</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>29</b>	<b>33</b>	<b>-</b>

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	5	1	-	6	6	-	-	6
GB	2	2	-	4	-	-	-	-
ICT	-	-	-	-	-	-	-	-
KP	7	1	3	11	15	2	3	20
Punjab	8	3	2	13	5	-	-	5
Sindh	-	-	2	2	-	-	-	-
<b>Total</b>	<b>24</b>	<b>7</b>	<b>7</b>	<b>38</b>	<b>28</b>	<b>3</b>	<b>4</b>	<b>35</b>

3. **Flood Relief Activities**

- Relief Camps Established.** NTR.
- Rescue Activities.** NTR.
- Aviation Activities.** NTR.
- Relief Activities.** NTR

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	1458.82	1.489	91.18	4.393
b.	Mangla	1,242.00	7.356	1165.60	2.457	76.4	4.899
c.	Chashma	649.00	0.278	648.20	0.237	0.8	0.041
<b>Total Storage</b>		-		<b>13.516 (MAF)</b>			
<b>Total Storage till 17 July 2021</b>		-		<b>4.183 (MAF)</b>			
<b>Remaining Storage</b>		-		<b>9.333 (MAF)</b>			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD.** Isolated thunderstorm/rain is expected over the upper catchments of all Major Rivers along with Sindh, Balochistan and DG Khan Division.

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 16<sup>th</sup> July 2021 that strong monsoon currents are likely to penetrate upper parts of the country from Sunday 18<sup>th</sup> July and may persist till Wednesday 21<sup>st</sup> 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 18<sup>th</sup> July (evening/night) to Wednesday 21<sup>st</sup> 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 19<sup>th</sup> July (evening) to Thursday 22<sup>nd</sup> 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 20<sup>th</sup> 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 19<sup>th</sup> July 2021 to Wednesday 21<sup>st</sup> 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
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**Reference:** Ministry of Water Resources, Office of PCIW report dated 15 Jul 2021.



Lieutenant Colonel  
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**Annex A**

To NDMA SITREP No-017

Dated 17 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	177.0	153.3	175 – 190	Below Low	650
	Kalabagh	950	189.3	181.8	No Significant change	-do-	650
	Chashma	1,000	213.6	203.2	-do-	-do-	650
	Taunsa	1,000	185.7	162.3	-do-	-do-	650
	Guddu	1,200	130.9	90.2	-do-	-do-	700
	Sukkur	900	80.0	33.6	-do-	-do-	700
	Kotri	875	25.2	0.5	-do-	-do-	650
River Kabul	Nowshera	540	46.6	46.6	-do-	-do-	200
River Jhelum	Mangla	1,060	40.0	8.3	35 – 45	-do-	225
	Rasul	850	2.4	0.0	No Significant Change	-do-	225
River Chenab	Marala	1,100	59.3	25.6	50 – 60	-do-	400
	Khanki	1,100	22.7	15.2	No Significant Change	-do-	400
	Qadirabad	900	18.0	0.0	-do-	-do-	400
	Trimmu	875	52.7	36.1	-do-	-do-	450
	Panjnad	865	11.5	0.0	-do-	-do-	450
River Ravi	Jassar	275	5.4	5.4	-do-	-do-	150
	Shahdara	250	26.1	26.1	-do-	-do-	135
	Balloki	380	39.8	10.6	-do-	-do-	135
	Sidhnai	150	20.1	3.3	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	14.6	2.6	-do-	-do-	175
	Islam	300	1.6	0.0	-do-	-do-	175

**Note.** All data in Thousands of Cusecs.

**Annex B**

To NDMA SITREP No-017

Dated 17 July 2021

**SIGNIFIANT RAINFALL REPORTED LAST 24 HOURS BY PMD**

<b>Stations</b>	<b>Rainfall (mm)</b>
<b>Islamabad</b>	
Nil	
<b>Punjab</b>	
Sialkot & Bhoun	01
<b>Balochistan</b>	
Turbat	12
Zhob	06
Khuzdar	01
<b>Khyber Pakhtunkhwa</b>	
Nil	
<b>Gilgit Baltistan</b>	
Nil	
<b>AJ&amp;K</b>	
Nil	
<b>Sindh</b>	
Padidan	32
Shaheed Benazirabad	16
Sakrand	08
Dadu	06
Badin	01