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



Dated: 18 July 2020

Subject: **NDMA Monsoon 2020 Daily Situation Report No 023**

NDMA Monsoon 2020 Daily Situation Report No 023 covering period from 17 July 2020 1300 hours to 18 July 2020 1300 hours 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
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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



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MONSOON 2020 DAILY SITUATION REPORT NO – 023
(PERIOD COVERED: 17 July 2020 1300 HRS – 18 July 2020 1300 HRS)

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

Ser	Province / Region	Area Affected
a.	Federal	NTR
b.	Balochistan	NTR
c.	Khyber Pakhtunkhwa	NTR
d.	Punjab	NTR
e.	Sindh	NTR
f.	AJ&K	NTR
g.	Gilgit Baltistan	NTR

2. **Extent of Damages**

a. **Damages (During Significant Events – Monsoon 2020)**. NTR.

b. **Summary of Overall Preliminary Damages of Infrastructure & Private Properties**

Provinces / Regions	Roads	Bridges	Shops	Hotels	Masjid	Houses		Power Houses
						PD	FD	
ICT	-	-	-	-	-	-	-	-
Balochistan	-	-	-	-	-	-	-	-
KP	-	-	-	-	-	81	2	-
Punjab	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	4	-	-
AJ&K	-	-	-	-	-	-	-	-
GB	-	-	-	-	-	2	6	-
TOTAL	-	-	-	-	-	87	8	-

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

Provinces / Regions	Deaths				Injured			
	M	F	C	T	M	F	C	T
ICT	-	-	-	-	-	-	-	-
Balochistan	-	-	-	-	-	-	-	-
Khyber Pakhtunkhwa	3	2	9	14	2	-	2	4
Punjab	-	-	-	-	-	-	-	-
Sindh	-	-	1	1	-	1	-	1
AJ&K	-	-	-	-	-	-	-	-
Gilgit Baltistan	4	-	-	4	1	-	-	1
TOTAL	7	2	10	19	3	1	2	6

3. **Flood Relief Activities**

a. **Relief Camps Established**. Medical relief camp established by Rescue 1122 Chitral at Golain Valley, District Chitral.

b. **Rescue Activities**. NTR.


- c. **Aviation Activities**. Request for provision of Heli effort has been forwarded to GHQ as asked by PDMA KP to assess the cause of the incident in Golain Valley, Chitral.
- d. **Relief Activities**

Province	Tents	Food Packs	Blankets
Khyber Pakhtunkhwa	12	100	-
Gilgit Baltistan	6	6	6
Total	18	106	6

4. **Threat to Next Likely Areas**. NTR.
5. **River Discharges**. All Major Rivers are flowing at normal level. Mild flows are expected in the Hill Torrents of D. G. Khan Division. Details of river discharges is attached as **Annex A**.
6. **Dams Levels**

Ser	Reservoirs	Max Conservation Level & Live Storage		Current Level & Live Storage		Remaining Level & Live Storage	
		(Feet)	(MAF*)	(Feet)	(MAF*)	(Feet)	(MAF*)
a.	Tarbela	1,550.00	5.980	1,455.10	1.406	94.90	4.574
b.	Mangla	1,242.00	7.356	1,226.20	6.137	15.80	1.219
c.	Chashma	649.00	0.278	646.00	0.186	3.00	0.092
Total Storage till 18 July 2020		-		7.729 (MAF)			
Remaining Storage		-		5.885 (MAF)			

7. **Weather Forecast for Next 24 Hours**. Isolated wind thunderstorm / rain of Light to Moderate intensity is expected over the upper catchments of all the Major Rivers along with Khyber Pakhtunkhwa, Gilgit Baltistan, Kashmir, Punjab, Coastal and Northeast Balochistan & Sindh. Last 24 hours significant rainfall recorded is attached as **Annex B**.
8. **Weather Advisory / Press Release**. Met office has informed on 17 July 2020 that scattered to widespread wind thunderstorm / rain with Heavy falls at isolated places and Very heavy falls at few places is expected over the upper catchments of Rivers Chenab, Ravi & Sutlej along with Gujranwala, Lahore, Sargodha, Sahiwal, Faisalabad, Bahawalpur, D. G. Khan & D. I. Khan Divisions. Scattered wind thunderstorm / rain of moderate intensity with few heavy falls is expected over the upper catchments of Rivers Indus & Jhelum along with Northeast Balochistan and Malakand, Hazara, Peshawar, Kohat, Bannu, Rawalpindi & Multan Divisions.
9. **Flood Warning / Alert**. Moderate flooding is expected in the Nullahs of Rivers Ravi & Chenab along with Hill Torrents of D. G. Khan Divisions from 20 July to 22 July 2020.
10. **Daily Flood / Base Flow Data Obtained from India**. NTR.
11. **Miscellaneous**. NTR.


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Annex A
To NDMA SITREP No-023
dated 18 July 2020

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	171.0	151.5	170 – 190	Below Low	650
	Kalabagh	950	225.2	217.2	225 – 245	-do-	650
	Chashma	950	226.6	220.0	225 – 235	-do-	650
	Taunsa	1,100	223.9	200.5	No significant change	-do-	650
	Guddu	1,200	182.2	149.9	-do-	-do-	700
	Sukkur	1,500	128.0	70.4	-do-	-do-	700
	Kotri	875	50.7	17.8	-do-	-do-	650
River Kabul	Nowshera	540	49.3	49.3	-do-	-do-	200
River Jhelum	Mangla	1,060	34.0	23.1	30 – 40	-do-	225
	Rasul	850	19.9	11.9	No Significant Change	-do-	225
River Chenab	Marala	1,100	62.8	29.6	60 – 70	-do-	400
	Khanki	800	22.6	14.8	No Significant Change	-do-	400
	Qadirabad	807	30.0	8.0	-do-	-do-	400
	Trimmu	645	23.4	8.2	-do-	-do-	450
	Panjnad	700	15.5	0.0	-do-	-do-	450
River Ravi	Jassar	275	13.0	13.0	10 – 15	-do-	150
	Shahdara	250	26.1	26.1	No Significant Change	-do-	135
	Balloki	225	45.6	13.9	40 – 50	Low	135
	Sidhnai	150	22.8	7.6	No Significant Change	Below Low	90
River Sutlej	G.S. Wala	-	0.1	0.1	-do-	-do-	50
	Sulemanki	325	21.4	8.7	-do-	-do-	175
	Islam	300	6.6	5.0	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex B

To NDMA SITREP No-023
dated 18 July 2020

PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD

1. **Significant Rainfall Reported Last 24 Hours**

- a. **Islamabad**. Chaklala 22 mm, Shamsabad 21 mm, Zeropoint 15 mm, Bokra 14 mm and Golra 3 mm.
- b. **Balochistan**. Nil.
- c. **Khyber Pakhtunkhwa**. Daggar 46 mm, Kohat 25 mm, Takhtbai 10 mm, Pattan 9 mm, Buner 7 mm, Besham 6 mm, Oghi 4 mm, Dir 3 mm, Mirkhani 3 mm, Malam Jabba 1 mm, Cherat 1 mm and Drosh 1 mm.
- d. **Punjab**. Kasur 29 mm, Attock 10 mm, Murree 4 mm, Narowal 4 mm, Lahore 4 mm and Jhelum 1 mm.
- e. **Sindh**. Karachi 64 mm, Thatta 34 mm, Mirpur Khas 18 mm, Sakrand 10 mm, Hyderabad 6 mm, Tando Jam 5 mm and Shaheed Benazirabad 1 mm.
- f. **AJ&K**. Rawalakot 5 mm and Bhoun 2 mm.
- g. **Gilgit Baltistan**. Gupis 1 mm.