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



Dated: 1 August 2020

Subject: **NDMA Monsoon 2020 Daily Situation Report No 037**

NDMA Monsoon 2020 Daily Situation Report No 037 covering period from 31 July 2020 1300 hours to 1 August 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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Director (SOF & Marines), Naval Headquarters, Islamabad
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- ID: APS to Member (Ops), NDMA
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Director (Admin), NDMA
Director (Finance), NDMA
Director (Media & IT), NDMA
PS to Chairman, NDMA



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



MONSOON 2020 DAILY SITUATION REPORT NO – 037
(PERIOD COVERED: 31 July 2020 1300 HRS – 1 August 2020 1300 HRS)

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

Ser	Province / Region	Area Affected
a.	Federal	NTR
b.	Balochistan	NTR
c.	Khyber Pakhtunkhwa	<ul style="list-style-type: none"> On 31 July 2020, flash flooding was reported due to heavy rains in village Kanglo, Tehsil Kandia, District Upper Kohistan. Approx 10 houses damaged due to flash flooding. District administration is assessing other damages.
d.	Punjab	NTR
e.	Sindh	NTR
f.	AJ&K	NTR
g.	Gilgit Baltistan	<ul style="list-style-type: none"> On 31 July 2020, road in Dassu area between Army Camp and Baha Valley was blocked due to erosion of about 30 feet and cracks of about 35 feet on road caused by increased flows in River Shiger due to melting of Glacier, Baha Valley, District Dassu. Work is under progress by district administration for restoration of road. On 31 July 2020, flash flooding was reported in Tehsil Hashupi, District Shiger. No damages reported.

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	-	1	-	-	2	94	2	-
Punjab	-	-	-	-	-	2	1	-
Sindh	-	-	-	-	-	21	-	-
AJ&K	-	-	-	-	-	-	-	-
GB	-	-	-	-	-	10	6	-
TOTAL	-	1	-	-	2	127	9	-

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

Provinces / Regions	Deaths				Injured			
	M	F	C	T	M	F	C	T
ICT	-	-	-	-	-	-	-	-
Balochistan	-	-	-	-	-	-	-	-
Khyber Pakhtunkhwa	4	2	10	16	4	-	4	8
Punjab	4	4	-	8	3	2	-	5

Provinces / Regions	Deaths				Injured			
	M	F	C	T	M	F	C	T
Sindh	10	1	1	12	-	1	-	1
AJ&K	-	-	1	1	-	-	-	-
Gilgit Baltistan	4	-	6	10	1	-	-	1
TOTAL	22	7	18	47	8	3	4	15

3. Flood Relief Activities

a. Relief Camps Established.

- (1) Medical relief camp established by Rescue 1122 Chitral at Golain Valley, District Chitral.
- (2) Emergency Relief Camp established at landslide incident site at Bonar Nullah, Nanga Parbat Base Camp, Tehsil Chilas, District Diamer, GB.

b. Rescue Activities. NTR.

c. Aviation Activities. NTR.

d. Relief Activities

Province	Tents	Food Items (Tons)	Blankets	Tarpaulins
Khyber Pakhtunkhwa	12	20	-	
Gilgit Baltistan	9	1.6	6	5
Total	21	21.6 Tons	6	5

4. Threat to Next Likely Areas. NTR.

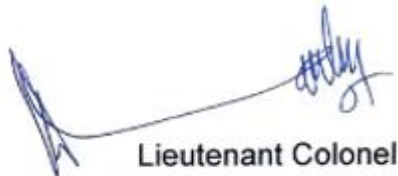
5. River Discharges. All Major Rivers are flowing at normal level. Sharp peak up to Medium flood level at upstream Mangla, Low to Medium level flooding in the Nullahs of Rivers Chenab & Ravi and Mild flows in the Hill Torrents of DG Khan Division are expected during next 24 Hours. Details of river discharges 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	1,472.30	2.115	77.70	3.865
b.	Mangla	1,242.00	7.356	1,230.30	6.441	11.70	0.915
c.	Chashma	649.00	0.278	647.30	0.198	1.70	0.080
Total Storage till 1 August 2020 –		8.754 (MAF)					
Remaining Storage –		4.860 (MAF)					

7. Weather Forecast for Next 24 Hours. Scattered thunderstorm / rain of moderate intensity with one or two heavy falls is expected over the upper catchments of all the Major Rivers along with Malakand, Hazara, Peshawar, Kohat, Bannu, D. I. Khan, Rawalpindi, Sargodha, Gujranwala & Lahore Divisions. Isolated thunderstorm / rain is expected over Northeast Balochistan and Faisalabad, Sahiwal, Multan & D. G. Khan Divisions. **Wet Spell is likely to decrease further.** Last 24 hours significant rainfall recorded is attached as **Annex B**.

8. **Weather Advisory / Press Release.** PMD has issued a press release on 30 July 2020 for weather outlook during Eid-ul-Azha holidays. Weather outlook for Eid Holidays is as under: -
- a. Rain wind thundershowers are expected in Hazara, Malakand, Peshawar, Mardan, Kohat, Rawalpindi, Gujranwala, Lahore Sargodha and Faisalabad, Barkhan, Khuzdar, Zhob and Musa Khel, Kashmir and Islamabad from evening / night to morning hours and humid / partly cloudy weather conditions during the Day. Light rain is also expected along Sindh-Makran Coast on Friday and Saturday. Hot and humid weather in other parts of the Country.
 - b. Mainly hot and humid weather is expected in most parts of the Country on Sunday. However, rain thundershower is expected in Kashmir, Rawalpindi / Islamabad, Mansehra, Abbottabad, Sialkot and Narowal.
9. **Flood Warning / Alert.** NTR.
10. **Daily Flood / Base Flow Data Obtained from India.** NTR.
11. **Miscellaneous.** NTR.



Lieutenant Colonel
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Annex A
To NDMA SITREP No-037
dated 01 August 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	205.0	122.7	205 – 220	Below Low	650
	Kalabagh	950	181.6	173.6	No significant change	-do-	650
	Chashma	950	196.2	189.6	-do-	-do-	650
	Taunsa	1,100	187.2	164.8	-do-	-do-	650
	Guddu	1,200	156.4	124.2	-do-	-do-	700
	Sukkur	1,500	108.3	51.4	-do-	-do-	700
	Kotri	875	63.8	23.6	-do-	-do-	650
River Kabul	Nowshera	540	49.7	49.7	-do-	-do-	200
River Jhelum	Mangla	1,060	62.0	16.0	30 – 60	-do-	225
	Rasul	850	12.3	5.3	No Significant Change	-do-	225
River Chenab	Marala	1,100	71.5	40.3	70 – 95	-do-	400
	Khanki	800	36.3	28.8	40 – 60	-do-	400
	Qadirabad	807	36.5	14.5	No Significant Change	-do-	400
	Trimmu	645	27.0	12.1	-do-	-do-	450
	Panjnad	700	30.8	15.0	-do-	-do-	450
River Ravi	Jassar	275	14.2	14.2	10 – 20	-do-	150
	Shahdara	250	32.1	32.1	No Significant Change	-do-	135
	Balloki	225	47.2	16.3	40 – 50	Low	135
	Sidhnai	150	20.9	7.0	No Significant Change	Below Low	90
River Sutlej	G.S. Wala	-	0.2	0.2	-do-	-do-	50
	Sulemanki	325	14.4	1.3	-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-037
dated 01 August 2020

PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD

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

- a. **Islamabad**. Zeropoint 34 mm, Shamsabad 18 mm, New Airport 10 mm, Chaklala 3 mm and Golra 2 mm.
- b. **Balochistan**. Lasbela 1 mm.
- c. **Khyber Pakhtunkhwa**. Kakul 49 mm, Attock 48 mm, Cherat 30 mm, Besham 25 mm, Daggar 21 mm, Malam Jabba 19 mm, Buner 12 mm, Dir 12 mm, Balakot 8 mm, Shinkiari 5 mm, Oghi 4 mm, Parachinar 4 mm, Phulra 1 mm and Risalpur 1 mm.
- d. **Punjab**. Sialkot 85 mm, Mangla 54 mm, Narowal 44 mm, Joharabad 38 mm, Barnala 32 mm, Jhelum 27 mm, Sargodha Airbase 20 mm, Bhoun 14 mm, Murree 13 mm, Gujrat 9 mm, Lahore 8 mm, Hafizabad 7 mm, Kamra 7 mm, Mlanwali 6 mm and Gujranwala 3 mm.
- e. **Sindh**. Nil.
- f. **AJ&K**. Bandi Abbaspur 32 mm, Haraman 30 mm, Garhi Dupatta 23 mm, Tandali 21 mm, Kallar 11 mm, Brarkot 10 mm, Chakothi 8 mm, Muzaffarabad 7 mm, Rawalakot 6 mm, Hajira 6 mm, Domel 5 mm, Kotli 5 mm, Chattar Kallas 5 mm and Panjera 1 mm.
- g. **Gilgit Baltistan**. Skardu 3 mm.