

MOST IMMEDIATE / BY FAX




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



Dated: 16 August 2020

Subject: **NDMA Monsoon 2020 Daily Situation Report No 052**

NDMA Monsoon 2020 Daily Situation Report No 052 covering period from 15 August 2020 1300 hours to 16 August 2020 1300 hours is enclosed for information / necessary action, please.


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For Chairman NDMA
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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
Director (Ops), Air Headquarters, Islamabad
Deputy Commissioner, Islamabad

ID: APS to Member (Ops), NDMA
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Director (Logistics), NDMA
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Director (Finance), NDMA
Director (Media & IT), NDMA
PS to Chairman, NDMA



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Islamabad**



MONSOON 2020 DAILY SITUATION REPORT NO – 052

(PERIOD COVERED: 15 August 2020 1300 HRS – 16 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 14 August 2020, flash flooding due to GLOF outburst was reported at Yarkhoon Lasht, District Upper Chitral. 1x death of a child, 8x houses partially damaged and 17x houses fully damages reported. Following actions taken by district administration: - <ul style="list-style-type: none"> • A relief camp of 60x tents has been established by district administration in coordination with Agha Khan Agency for Habitat (AKAH). • 3 tons food / ration was arranged for 50x affected households. • Medical camp alongwith ambulance has been established. • District Administration is monitoring the situation.
d.	Punjab	NTR
e.	Sindh	NTR
f.	AJ&K	NTR
g.	Gilgit Baltistan	<ul style="list-style-type: none"> • On 15 August 2020, mudflow / flood reported in both Kilick and Dilsan Nullah (Misgar), District Hunza. Both W&P headworks of kilick and Dilsan were damaged. Work is in progress to restore the headworks by district administration. No other damages reported. However, as precautionary measures, directives have been issued to all concerned line departments to be alert to coupe with any untoward situation. • On 15 August 2020, a heavy slide triggered on Jaglot to Skardu road at Shengus due to loose rocks / boulders caused washing away of half width road. Road was blocked yesterday now restored for all type of traffic.

Ser	Province / Region	Area Affected
		<ul style="list-style-type: none"> Due to increase in temperature, melting of glaciers and ice caps increased in the Hushey and Mashabrum valleys, District Ghanche. On 9 August 2020, a breach in a protective band was reported due to abrupt increase in water level at Hushey River, village Ghursay. Resultantly the river changed its course towards the residential areas of Raisha Ghurssay, however the discharge water via band is presently being blocked by a water channel constructed on an elevation above river level. However, there is apprehension of breaching of the water channel which might pose threat to 80 households of Raisha Ghurssay. On 14 August 2020, breach of remaining portion of Raisha Protective band at Raisha Ghurssay Mashabrum reported. The flood water entered into the fields and as per revenue field staff the access to Barley fields of 8x residents has been blocked. While an electric mill has partially been inundated. Following actions taken by District Administration / DDMA: - <ul style="list-style-type: none"> Sand Bags and Gabions have been provided. Tractors and Wheel Excavators deployed. Work is in progress to fill the protective bund and strengthening of water channel. District Administration / DDMA and revenue department is monitoring the situation.

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	10	3	-	-	-	46	861	-
KP	-	1	-	-	2	107	20	-
Punjab	-	-	-	-	-	2	1	-
Sindh	-	-	-	-	-	23	1	-
AJ&K	-	-	-	-	-	-	-	-
GB	-	-	-	-	1	15	8	-
TOTAL	10	4	-	-	3	193	891	-

c. Summary of Preliminary Casualty – Death / Injured

Provinces / Regions	Deaths				Injured			
	M	F	C	T	M	F	C	T
ICT	-	-	-	-	-	-	-	-
Balochistan	7	2	6	15	7	-	-	7

Provinces / Regions	Deaths				Injured			
	M	F	C	T	M	F	C	T
Khyber Pakhtunkhwa	7	2	11	20	4	-	4	8
Punjab	4	4	-	8	3	2	-	5
Sindh	23	3	5	31	6	1	-	7
AJ&K	-	-	1	1	-	-	-	-
Gilgit Baltistan	4	-	6	10	1	-	-	1
TOTAL	45	11	29	85	21	3	4	28

3. Flood Relief Activities

- Relief Camps Established.** Relief and Medical camps have been established at Yarkhoon Lasht, District Upper Chitral.
- Rescue Activities.** 299x persons evacuated using 10x boats in District Dadu by Armed Forces and District Administration.
- Aviation Activities.** NTR.
- Relief Activities**

Province	Tents	Food Items (Tons)	Blankets	Mosquito Nets	Plastic Mats	De-watering Pumps
Balochistan	1,800	-	2,150	300	2,350	11
Sindh	1,000	-	-	1,000	-	163
Khyber Pakhtunkhwa	72	23	-	-	-	-
Gilgit Baltistan	13	1.6	6	-	-	-
Total	2,885	24.6 Tons	2,156	1,300	2,350	174

- Threat to Next Likely Areas.** NTR.
- River Discharges.** All Major Rivers are flowing at normal level. Details of river discharges is attached as **Annex A.**
- 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	1,526.66	4.685	23.34	1.295
b.	Mangla	1,242.00	7.356	1,235.60	6.852	6.40	0.504
c.	Chashma	649.00	0.278	643.50	0.089	5.50	0.189
Total Storage till 16 August 2020 –		11.626 (MAF)					
Remaining Storage		– 1.988 (MAF)					

- Weather Forecast for Next 24 Hours.** Isolated thunderstorm / rain is expected over the upper catchments of all the Major Rivers along with South & Southeast Sindh, Northeast Balochistan and Bannu, Kohat, D. I. Khan, Rawalpindi, Gujranwala, Sargodha, Lahore, Bahawalpur & D. G. Khan Divisions. **Scattered to wide spread thunderstorm / rain with isolated Heavy falls, few Very Heavy falls and one or two extremely Heavy falls are expected from**

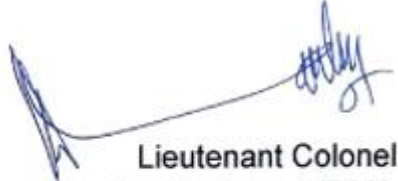
18 – 21 August 2020 over the upper catchments of Rivers Indus, Kabul, Jhelum, Chenab & Ravi. Flows are likely to INCREASE in Rivers Indus, Kabul, Jhelum, Chenab & Ravi along with their associated Nullahs / tributaries from 19 August 2020. Last 24 hours significant rainfall recorded is attached as Annex B.

8. **Weather Advisory / Press Release.** Met office has informed on 13 August 2020 that more monsoon currents are expected to penetrate in Sindh from Friday (evening) to Sunday under the influence of this system “***Scattered rain / wind-thundershower, with few / isolated heavy falls, are expected in Karachi, Hyderabad, Thatta, Badin, Shaheed Benazirabad, Tharparkar, Mirpurkhas, Umar Kot, Sanghar and Mithi from Friday (evening/night) to Sunday***”.

9. **Flood Warning / Alert.** There will be persistent high temperatures from today to 17 August 2020 followed by westerly wave on the evening of 17 August 2020. Resultantly the rate of melting of snow and / or ice will remain high on 15th and 16th followed by rain event on 17 August 2020 which could trigger GLOF events in the vulnerable areas of Gilgit-Baltistan especially Bagrot, Yasin, Hunza, Nagar, Shigar, Ghanche and Gilgit. Local communities are advised to remain vigilant and observe precautionary measures.

10. **Daily Flood / Base Flow Data Obtained from India.** NTR.

11. **Miscellaneous.** NTR.



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Annex A
To NDMA SITREP No-052
dated 16 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	241.0	84.8	240 – 250	Low	650
	Kalabagh	950	196.2	188.0	No significant change	Below Low	650
	Chashma	950	171.8	165.2	-do-	-do-	650
	Taunsa	1,100	179.3	152.6	-do-	-do-	650
	Guddu	1,200	132.7	100.0	-do-	-do-	700
	Sukkur	1,500	89.0	42.6	-do-	-do-	700
	Kotri	875	87.6	51.1	-do-	-do-	650
River Kabul	Nowshera	540	45.0	45.0	-do-	-do-	200
River Jhelum	Mangla	1,060	21.0	7.6	20 – 40	-do-	225
	Rasul	850	2.8	0.0	No Significant Change	-do-	225
River Chenab	Marala	1,100	87.2	56.4	70 – 90	-do-	400
	Khanki	800	45.4	37.4	No Significant Change	-do-	400
	Qadirabad	807	39.2	22.2	-do-	-do-	400
	Trimmu	645	21.1	6.3	-do-	-do-	450
	Panjnad	700	11.7	0.0	-do-	-do-	450
River Ravi	Jassar	275	10.3	10.3	-do-	-do-	150
	Shahdara	250	30.0	30.0	-do-	-do-	135
	Balloki	225	47.6	15.1	45 – 50	Low	135
	Sidhnai	150	20.9	4.9	No Significant Change	Below Low	90
River Sutlej	G.S. Wala	-	0.8	0.8	-do-	-do-	50
	Sulemanki	325	16.1	2.0	-do-	-do-	175
	Islam	300	0.7	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex B

To NDMA SITREP No-052
dated 16 August 2020

PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD

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

- a. **Islamabad**. Golra 1 mm.
- b. **Balochistan**. Nil.
- c. **Khyber Pakhtunkhwa**. Rashidabad (Kalpani) 4 mm, Buner 2 mm and Takht Bai 1 mm.
- d. **Punjab**. D. G. Khan 23 mm and Attock 3 mm.
- e. **Sindh**. Islamkot 20 mm, Diplo 9 mm and Kaloji 8 mm.
- f. **AJ&K**. Hajira 9 mm, Brarkot 6 mm, Bandi Abbaspur 3 mm, Tandali 3 mm, Panjara 1 mm, Domel 1 mm and Muzaffarabad 1 mm.
- g. **Gilgit Baltistan**. Nil.