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



Dated: 16 September 2020

Subject: **NDMA Monsoon 2020 Daily Situation Report No 083**

NDMA Monsoon 2020 Daily Situation Report No 083 covering period from 15 September 2020 1300 hours to 16 September 2020 1300 hours 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
Chief Engineer, Tarbela Dam
Chief Engineer, Mangla Dam
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



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MONSOON 2020 DAILY SITUATION REPORT NO – 083

(PERIOD COVERED: 15 September 2020 1300 HRS – 16 September 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. **Summary of Overall Preliminary Damages of Infrastructure & Private Properties (15 June 2020 to till date)**

Provinces / Regions	Roads	Bridges	Shops	Hotels	Masjid	Houses		Power Houses
						PD	FD	
ICT	-	-	-	-	-	-	-	-
Balochistan*	13	3	-	2	-	971	906	-
KP*	-	3	2	-	4	740	178	1
Punjab*	-	-	17	-	-	17	220	-
Sindh*	-	-	-	-	-	137,178	77,343	-
AJ&K*	-	-	1	1	-	118	50	4
GB	-	4	-	-	1	89	39	2
TOTAL	13	10	20	3	5	139,113	78,735	7

(* All PDMA's have forwarded the consolidated damages / losses report. However, Rapid Need Assessment is being conducted by PDMA and figures will be updated accordingly.)

b. **Summary of Preliminary Casualty – Death / Injured (15 June 2020 to till date)**

Provinces / Regions	Deaths				Injured			
	M	F	C	T	M	F	C	T
ICT	-	-	-	-	-	-	-	-
Balochistan*	7	3	11	21	14	1	2	17
Khyber Pakhtunkhwa*	37	24	55	116	52	22	27	101
Punjab*	104	-	-	104 [^]	175	-	-	175 [^]
Sindh*	77	36	23	136	56	23	7	86
AJ&K*	2	2	8	12	4	5	-	9
Gilgit Baltistan	5	-	6	11	4	-	-	4
TOTAL	232	65	103	400	305	51	36	392

(* All PDMA's have forwarded the consolidated damages / losses report. However, Rapid Need Assessment is being conducted by PDMA and figures will be updated accordingly. [^] Segregated data is still awaited from PDMA Punjab.)

3. **Flood Relief Activities**

- a. **Relief Camps Established**. 196x relief camps established in different parts of Sindh. Currently, 23,629x persons are residing in relief camps established in Sindh.
- b. **Rescue Activities**
- (1) 2,333x persons evacuated in District Khushab.
 - (2) 8,799x persons evacuated in Karachi.
 - (3) 175x families (1,245 individuals) evacuated by Armed Forces and District Administration from Yousaf Goth, Sarjani Town and adjoining Goths, District Karachi.
 - (4) 299x persons evacuated using 10x boats in District Dadu by Armed Forces and District Administration.
- c. **Aviation Activities**. NTR.
- d. **Relief Activities**. Consolidated state of relief activities in attached as **Annex A**.

4. **Threat to Next Likely Areas**. NTR.

5. **River Discharges**. River Indus at Kotri is in Low Flood Level. All the other Major Rivers are flowing at Below Low Flood Level. Details of river discharges is attached as **Annex B**.

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	1,550.00	5.980	0.00	0.00
b.	Mangla	1,242.00	7.356	1,241.30	7.299	0.70	0.057
c.	Chashma	649.00	0.278	648.80	0.268	0.20	0.031
Total Storage as on 16 September 2020				- 13.604 (MAF)			
Remaining Storage				- 0.010 (MAF)			

7. **Weather Forecast for Next 24 Hours**. Isolated thunderstorm / rain is expected over the upper catchments of Rivers Indus & Jhelum along with Sindh, Northeast Balochistan and Malakand, Hazara, Peshawar, Rawalpindi, Lahore, D. G. Khan, Bahawalpur & Multan Divisions. Last 24 hours significant rainfall recorded is attached as **Annex C**.

8. **Weather Advisory / Press Release**. NTR.

9. **Flood Warning / Alert**. NTR.

10. **Daily Flood / Base Flow Data Obtained from India**. Data regarding flows of eastern rivers obtained from internet on 16 September 2020 at 0600 hours are as under: -

Dam / Location	Current Level (Feet)	Inflow (Cusecs)	Outflow (Cusecs)
Bhakra Dam on River Sutlej	1,661.59	26,286	32,315
Pong Dam on River Beas	1,375.73	10,219	14,600

Dam / Location	Current Level (Feet)	Inflow (Cusecs)	Outflow (Cusecs)
Thein Dam on River Ravi as on 10 Sep 2020 (Updated once in a week)	1,691.78	Not Available	Not Available

11. **Warning / Alert.** Keeping in view the higher water level in Mangla Reservoir (1,242.00 feet), Tarbela Dam (1,550 feet) and expected rains over the upper catchments of all the Major Rivers which may result in increasing discharge of surplus water from Mangla Dam and Tarbela Dam. All relevant district administrations to sensitize the population residing near the river banks along River Chenab and Jhelum and to take necessary precautionary measures.



Lieutenant Colonel
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Tel. 051-9087874
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Annex A
To NDMA SITREP No-083
dated 16 September 2020

CONSOLIDATED STATE OF RELIEF PROVIDED DURING MONSOON 2020

Serial	Items	Sindh			Balochistan	Khyber Pakhtunkhwa	Gilgit Baltistan		Total
		GoS	NDMA	UN / NGOs / Others	GoB	GoKP	GoGB	NDMA	
1	Tents	65,475	29,000	-	4,750	555	290	1,000	101,070
2	Blankets / Quilts	5,300	-	2,000	4,250	695	276	2,000	14,521
3	Mosquito Nets	142,200	2,000	-	1,170	-	-	-	145,370
4	Plastic Mats	500	-	-	3,350	345	600	-	4,795
5	Tarpaulins	-	10,000	1,450	-	12	70	1,000	12,532
6	Kitchen Sets	2,900	100	-	1,550	157	-	200	4,907
7	Gas Cylinders	-	-	-	-	20	-	-	20
8	Jerry Cans	4,680	-	1,000	2,250	53	-	-	7,983
9	Hygiene Kits	2,579	-	1,160	2,150	-	-	-	5,889
10	Iron Bed / Bed / Charpai	775	-	-	2,966	3	-	-	3,744
11	Bed Sheets	500	-	-	-	3	-	-	503
12	Buckets	-	-	-	-	8	-	-	8
13	Matresses / Sleeping Mats	-	-	2,000	3,000	-	-	-	5,000
14	Pillows	-	-	-	3,050	-	-	-	3,050
15	Pedestal Fan	500	-	-	-	-	-	-	500
16	Water Coolers / Tanks	2,355	-	37	-	-	-	-	2,392
17	Generators	2	-	-	-	-	-	-	2

Serial	Items	Sindh			Balochistan	Khyber Pakhtunkhwa	Gilgit Baltistan		Total
		GoS	NDMA	UN / NGOs / Others	GoB	GoKP	GoGB	NDMA	
18	De-watering Pumps	267	-	-	11	1	-	-	279
19	Life Jackets	325	-	-	20	-	-	-	345
20	Solar Lights	-	-	-	2,750	-	-	-	2,750
21	Boats with OBMs	24	-	3	-	-	-	-	27
22	Food Packs (Tons)	1,963.1 Tons (93,481 packs, 21 kg each)	420 Tons (10,000 packs, 42 kg each)	440+94.7	-	80 Tons (1,378 packs, 58 kg each)	8.82 Tons (490 packs, 18 kg each)	-	3,006.62 Tons
23	Water Bottles (1.5 Litres each)	5,000	11,000	50,000	-	-	-	-	66,000
24	High Energy Biscuits (MT)	-	-	375	-	-	-	-	375
25	MRE's (1.3 kg each)	-	6.5 Tons (5,000 MREs, 1.3 kg each)	-	-	-	-	-	6.5 Tons
26	Aqua Tabs / Water Purification Tablets	-	-	1,442,000	-	-	-	-	1,442,000
27	Medical Kits (3,000 pers / kit)	-	-	50	-	-	-	-	50

Annex BTo NDMA SITREP No-083
dated 16 September 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	103.0	102.0	100 – 110	Below Low	650
	Kalabagh	950	115.4	109.2	No Significant Change	-do-	650
	Chashma	950	127.8	122.8	-do-	-do-	650
	Taunsa	1,100	129.7	115.1	-do-	-do-	650
	Guddu	1,200	172.6	152.7	-do-	-do-	700
	Sukkur	1,500	163.3	125.4	-do-	-do-	700
	Kotri	875	267.9	255.4	270 – 290	Low	650
River Kabul	Nowshera	540	18.0	18.0	No Significant Change	Below Low	200
River Jhelum	Mangla	1,060	24.0	57.0	20 – 25	-do-	225
	Rasul	850	57.9	37.9	50 – 60	-do-	225
River Chenab	Marala	1,100	44.8	11.5	40 – 45	-do-	400
	Khanki	800	13.1	5.6	No Significant Change	-do-	400
	Qadirabad	807	26.9	4.9	-do-	-do-	400
	Trimmu	645	40.6	26.1	-do-	-do-	450
	Panjnad	700	69.7	54.7	-do-	-do-	450
River Ravi	Jassar	275	4.2	4.2	-do-	-do-	150
	Shahdara	250	18.9	18.9	-do-	-do-	135
	Balloki	225	40.5	8.2	-do-	-do-	135
	Sidhnai	150	21.9	4.9	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	15.5	1.7	-do-	-do-	175
	Islam	300	1.7	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex C

To NDMA SITREP No-083
dated 16 September 2020

PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD

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

- a. **Islamabad**. Nil.
- b. **Balochistan**. Nil.
- c. **Khyber Pakhtunkhwa**. Dir 1 mm.
- d. **Punjab**. Noorpur Thal 4 mm.
- e. **Sindh**. Nil.
- f. **AJ&K**. Nil.
- g. **Gilgit Baltistan**. Gilgit 1 mm and Bagrote 1 mm.