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



Dated: 30 September 2020

Subject: **NDMA Monsoon 2020 Daily Situation Report No 097 (Final SITREP of Monsoon Season 2020)**

NDMA Monsoon 2020 Daily Situation Report No 097 covering period from 29 September 2020 1300 hours to 30 September 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
 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
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ID: APS to Member (Ops), NDMA
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 Director (Logistics), NDMA
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 Director (P&IC), NDMA
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 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 – 97
(FINAL SITREP OF MONSOON SEASON 2020)**

(PERIOD COVERED: 29 September 2020 1300 HRS – 30 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*	-	-	-	-	-	168,544	133,279	-
AJ&K*	-	-	1	1	-	118	50	4
GB	-	4	-	-	1	89	39	2
TOTAL	13	10	20	3	5	170,479	134,672	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*	80	33	32	145	94	1	1	96
AJ&K*	2	2	8	12	4	5	-	9
Gilgit Baltistan	5	-	6	11	4	-	-	4
TOTAL	235	62	112	409	343	29	30	402

(* 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.** 217x relief camps established in different parts of 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.** All the Major Rivers are flowing in the state of their normal flows. 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	1,547.14	5.817	2.20	0.163
b.	Mangla	1,242.00	7.356	1,230.55	6.460	11.45	0.896
c.	Chashma	649.00	0.278	645.70	0.145	3.30	0.133
Total Storage as on 30 September 2020				- 12.422 (MAF)			
Remaining Storage				- 1.192 (MAF)			

7. **Weather Forecast for Next 24 Hours.** Mainly dry weather is expected over most parts of the Country, however Isolated wind-thunderstorm / rain is expected over the upper catchments of Rivers Indus & Jhelum along with Peshawar, Bannu, Kohat & Rawalpindi 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 30 September 2020 at 0600 hours are as under: -

Dam / Location	Current Level (Feet)	Inflow (Cusecs)	Outflow (Cusecs)
Bhakra Dam on River Sutlej	1,654.88	14,784	28,331
Pong Dam on River Beas	1,372.54	3,575	8,503
Thein Dam on River Ravi as on 24 Sep 2020 (Updated once in a week)	1,690.99	Not Available	Not Available

11. **Warning / Alert.** NTR.


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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	31,500	-	4,750	555	290	1,000	103,570
2	Blankets / Quilts	5,300	1500	2,000	4,250	695	276	2,000	16,021
3	Mosquito Nets	142,200	3,500	-	1,170	-	-	-	146,870
4	Plastic Mats	500	-	-	3,350	345	600	-	4,795
5	Tarpaulins	-	11,500	1,450	-	12	70	1,000	14,032
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	Mattresses / 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+515	-	80 Tons (1,378 packs, 58 kg each)	8.82 Tons (490 packs, 18 kg each)	-	3,427.22 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 B
To NDMA SITREP No-097
dated 30 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	66.0	78.8	60 – 65	Below Low	650
	Kalabagh	950	103.2	95.7	No Significant Change	-do-	650
	Chashma	950	104.9	99.0	-do-	-do-	650
	Taunsa	1,100	97.2	78.4	-do-	-do-	650
	Guddu	1,200	85.7	67.2	-do-	-do-	700
	Sukkur	1,500	63.6	18.6	-do-	-do-	700
	Kotri	875	35.4	13.5	-do-	-do-	650
River Kabul	Nowshera	540	9.8	9.8	-do-	-do-	200
River Jhelum	Mangla	1,060	12.0	34.9	10 – 12	-do-	225
	Rasul	850	36.6	15.3	No Significant Change	-do-	225
River Chenab	Marala	1,100	17.5	5.0	15 – 18	-do-	400
	Khanki	800	9.7	1.9	No Significant Change	-do-	400
	Qadirabad	807	22.0	0.0	-do-	-do-	400
	Trimmu	645	29.1	14.0	-do-	-do-	450
	Panjnad	700	26.3	10.0	-do-	-do-	450
River Ravi	Jassar	275	3.6	3.6	-do-	-do-	150
	Shahdara	250	4.4	4.4	-do-	-do-	135
	Balloki	225	30.6	0.0	-do-	-do-	135
	Sidhnai	150	17.8	0.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	15.9	2.1	-do-	-do-	175
	Islam	300	1.2	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex C

To NDMA SITREP No-097
dated 30 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**. Chitral 2 mm.
- d. **Punjab**. Nil.
- e. **Sindh**. Nil.
- f. **AJ&K**. Nil.
- g. **Gilgit Baltistan**. Drosh 2 mm and Gilgit 1 mm.