

MOST IMMEDIATE / BY FAX



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



Dated: 3 September 2020

Subject: **NDMA Monsoon 2020 Daily Situation Report No 070**

NDMA Monsoon 2020 Daily Situation Report No 070 covering period from 2 September 2020 1300 hours to 3 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
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
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Director (P&IC), 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 – 070

(PERIOD COVERED: 2 September 2020 1300 HRS – 3 September 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 August – 2 September 2020, house collapsed / wall collapsed incidents reported due to heavy rains / landslides / flash floods in Districts Mardan, Swabi, Charsadda, Buner, Upper Chitral, Lower Dir, Shangla, Swat, Upper Dir, Abbottabad, Battagram, Lower Kohistan, Haripur, Torghar, Upper Kohistan, D. I. Khan, South Waziristan, Tank, Karak and Kohat. Following are the damages / losses reported: - <ul style="list-style-type: none"> • Deaths - 30 • Injured - 38 • Houses Partially Damaged - 118 • Houses Fully Damaged - 15 • Cattle Heads Perished - 15 • 1x Mosque, 1x Madrassa and 1x Bridge in District Upper Kohistan. • Following road are closed due to heavy rains / landslides, work is in progress to restore roads: - <ul style="list-style-type: none"> • <u>District Buner</u> <ul style="list-style-type: none"> • Road blocked due to flash flood at Amazai Malka. • <u>District Lower Chitral</u> <ul style="list-style-type: none"> • Golain access roads. • <u>District Upper Chitral</u> <ul style="list-style-type: none"> • Reshun road due to collapsed of RCC bridge. • Chital – Booni – Mastuj road at Rashun. • <u>District Shangla</u> <ul style="list-style-type: none"> • Road blocked at Senti Mor Dheri due to landslide. • Main road from Puran to Swat. • Damaged some portion of Shangla road at Danyal Check Post. • Yakhtangy puran road

Ser	Province / Region	Area Affected
		<ul style="list-style-type: none"> • Besham road Karora • Chakisar dandai road at Sarkool. • Chakisar Towa road at langbar. • Chakisar Karoar road at Bezando Tangay. • Besham Alpurai road at Kerai. • Besham Mansehara road at Shangla. • Karora Olandar road at Shapur Kandaro. • Alpure Besham road at Ranyal. • <u>District Swat</u> <ul style="list-style-type: none"> • 400 m of Koray road is damaged. • Kalwat road at Shagram. • Kalam to Utror road. • Kalam to Maltitan road. • Bahrain to Kalam road at Pushmal. • Madyan to Badalia / Chail road. • <u>District Upper Dir</u> <ul style="list-style-type: none"> • Wooden Bridge washed away due to Flood in UC Thall Lamoti Makrala. • <u>District Battagram</u> <ul style="list-style-type: none"> • Thakot to Banna road via Kanai. • Banna to Batilla road. • Karg to Genter road. • Banna to Pazang road. • Banna to Thakot road via Sachbiar. • Battagram to Shamalai road. • Battagram to Paimal Sharif • Link road Bajargram to Shamrad. • <u>District Lower Kohistan</u> <ul style="list-style-type: none"> • Dubair link road is closed for traffic. • Ranolia road is closed for traffic. • Kayal road partially open for traffic • <u>District Upper Kohistan</u> <ul style="list-style-type: none"> • KKH blocked at Doga. • <u>District Torghar</u> <ul style="list-style-type: none"> • Zeezari, main Thakot Judba road • Dourmera, main Thakot Judba road. • Kabalgram, main Thakot Judba road.

Ser	Province / Region	Area Affected
		<ul style="list-style-type: none"> • Sadu Khan, main Thakot Judba road. • Towara, Kandar, main Judba Darband road • Mera Madakhel near village Zareef. • Tili Chowk to Tili and Tegram road.
d.	Punjab	NTR
e.	Sindh	<p><u>Updates on Heavy Rains in Sindh</u></p> <ul style="list-style-type: none"> • <u>Distt Hyderabad</u> <ul style="list-style-type: none"> • Heerabad, Husainabad and Haider chok recce carried out, flood water level is minimum, no requirement of engineer efforts. • 2 x Dewatering pumps operated in Mehr colony. • <u>District Dadu</u> <ul style="list-style-type: none"> • Water level in Nai Gaj is 2 ft, Flood relief activities conducted by civil administration. • 700 x cooked food packs, 152 x ration packs and 169 x tents distributed by civil administration • <u>District Shaheed Benazirabad</u> <ul style="list-style-type: none"> • Nullah Sindh, flowing from Nowshero Feroze to Thatta, overflowed and caused inundation in area Bandi Taluka Daur. • Desilting of nullah is under process. • Town Municipal committees and Agriculture department is endeavouring to drain the flooding water by diverting it to LBOD4. • <u>District Badin</u> <ul style="list-style-type: none"> • Puran Drain RD 283 (LBOD). • 2 x medical camps established at Pangrio and Wado goth, 1386 x patients treated. • <u>District Sujawal</u> <ul style="list-style-type: none"> • Breach of 40 ft in Karo Kangro drain in District Sujawal. • 30 ft breach plugged-in, 10 ft skeleton washed away twice due to water pressure. • Plugging is in progress. • Spillover of water from 2R Drain District Sujawal has been contained. • <u>District MPK</u> <ul style="list-style-type: none"> • Breach at RD 285 LBOD Jhud.

Ser	Province / Region	Area Affected
		<ul style="list-style-type: none"> • Track upto breach site constructed and repair of site is in progress. • Water table reduced, no spilling over. • People shifted to Noukot fort and nearby locations. • Provided with tents and cooked food by civil administration. • Water level slightly increased in Dhora Mori nullah due to continuous water flow from LBOD. • <u>Karachi (Urban Flooding)</u> <ul style="list-style-type: none"> • <u>Rescue Operation</u> <ul style="list-style-type: none"> • Dewatering operation continued at 19x sites including 14x sites in DHA. • 25x teams with 25x pumps dedicated to address individual complainants of residents / residential areas in coordination with Cantonment Board Clifton (CBC). • 8,799x individuals evacuated (25 rescued in last 24 hours). • Underpasses on Drig Road, Mohsin Bhoopali, Goli Mar / Sir Syed, KPT and Gizri have been cleared. • Water lodging from DHA phases (1, 2, 2 Ext, 4, 5, 5 Ext, 7 except lane 18 &19) and Community Avenue areas have been cleared. • Work is in progress to clear water lodging from following locations: - <ul style="list-style-type: none"> • Nishat Community. • Khayaban-e-Hilal. • Khayaban-e-Shahbaz & Shahbaz Community. • Khayaban-e-Seher (Phases 6 & 7) & Seher Community. • Popular Avenue. • Khayaban-e-Rahat (Phases 6 & 7) & Rahat Community. • Khayaban-e-Ittehad & Ittehad Community. • Khayaban-e-Bukhari & Bukhari Community. • DHA Phase 7 (Lanes 18 & 19). • P & Q Street. • 26 Street (Muhafiz to Shehbaz). • <u>Humanitarian Assistance</u> <ul style="list-style-type: none"> • Food distributed among 172,693x individuals.

Ser	Province / Region	Area Affected
		<ul style="list-style-type: none"> • 6x Trucks (5 ton) and 2x Double Cabin vehicles detailed with Sayllani Trust for distribution of food and water. • 137,500x water bottles and 10,000 milk bottles distributed. • 35x bowzers detailed for water lifting in coordination with Cantonment Board Clifton (CBC). • 1x Water Bowzer ex Pak Rangers (Sindh) and 2x Water Bowzers ex Dawat-e-Islami are providing water at Sarjani town and surrounding. • Tents and Tarpaulins distributed among flood affectees. • Electricity in most areas has been restored • 550x bedded relief camp at Expo Centre has been established. • Established 50x bedded hospital in SGD Surjani. • 32x Emergency Medical and 56x Relief Camps established in coordination with Civil Administration in various parts of Karachi. • 2x Advance Dressing Stations established at Qayyumabad and Sadi town to provide immediate emergency medical care (Total 3,327 patients examined). • Army Mobile Recovery vehicles are deployed at various choke points to shift vehicles struck in flood to keep flow of traffic. Total 72x vehicles hauled using Integral Mobile Repair Teams / Recovery vehicles.
f.	AJ&K	NTR
g.	Gilgit Baltistan	<ul style="list-style-type: none"> • On 2 September 2020, flash flood reported due to heavy rains in Rabat Bala, District Nagar resulting into road damage at 3x different sites. No human loss reported. • On 1 - 2 September 2020, flash floods / landslides reported at Damas, Ishkoman Valley, Gupis, Yasin, District Ghizer. Relief activities are in progress. Machinery mobilized to clear the slides. • On 1 September 2020, Jaglote to Skardu road was blocked at Shengus due to landslide. Slide Clearance operation is in progress.

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	10	3	-	1	-	98	887	-
KP	-	3	2	-	4	317	105	-
Punjab	-	-	-	-	-	5	2	-
Sindh*	-	-	-	-	-	368	254*	-
AJ&K	-	-	1	-	-	94	35	-
GB	-	4	-	-	1	89	39	2
TOTAL	10	10	3	1	5	971	1,322	2

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	9	19	11	1	1	13
Khyber Pakhtunkhwa	22	16	40	78	46	13	23	82
Punjab	7	5	4	16	8	2	3	13
Sindh	49	6	17	72*	17	1	4	22*
AJ&K	1	2	7	10	2	3	-	5
Gilgit Baltistan	5	-	6	11	4	-	-	4
TOTAL	91	32	83	206	88	20	31	139

3. **Flood Relief Activities**

a. **Relief Camps Established.** 32x Medical relief camps and 56x relief camps established in Karachi.

b. **Rescue Activities**

- (1) 8,799x persons evacuated in Karachi.
- (2) 175x families (1,245 individuals) evacuated by Armed Forces and District Administration from Yousaf Goth, Sarjani Town and adjoining Goths, District Karachi.
- (3) 299x persons evacuated using 10x boats in District Dadu by Armed Forces and District Administration.

c. **Aviation Activities.** NTR.

d. **Relief Activities**

Province	Tents	Food Items (Tons)	Blankets	Mosquito Nets	Plastic Mats	Tarpaulins	De-watering Pumps
NDMA	8,500	422.6	-	-	-	8,500	-
Balochistan	2,100	-	2,150	450	2,350	-	11
Sindh	6,800	385	800	1,800	-	-	211
KP	291	21.4	-	-	-	-	-
GB	110	7.1	103	-	311	5	1
Total	17,801	836.1 Tons	3,059	2,250	2,661	8,505	223

4. **Threat to Next Likely Areas.** Areas along River Kabul, River Indus and its tributaries.

5. **River Discharges.** River Indus at Kalabagh & Chashma and River Kabul at Nowshera are in Medium Flood Level, River Indus at Tarbela, Taunsa, Guddu & Sukkur is in Low Flood level. **Low to Medium Flood Level wave will continue in River Indus during the week.** 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	1,550.00	5.980	0.00	0.00
b.	Mangla	1,242.00	7.356	1,242.00	7.356	0.00	0.000
c.	Chashma	649.00	0.278	639.00	0.010	10.00	0.268
Total Storage till 3 September 2020		-		13.346 (MAF)			
Remaining Storage		-		0.268 (MAF)			

7. **Weather Forecast for Next 24 Hours.** Scattered wind-thunderstorm / rain with one or two heavy falls is expected over the upper catchments of all the Major Rivers along with Rawalpindi, Gujranwala, Sargodha, Lahore, Faisalabad, Sahiwal & Bahawalpur Divisions. Isolated wind-thunderstorm / rain is expected over Peshawar, Kohat & D. I. Khan Divisions. **Rainfall activity is likely to decrease significantly from 5 September 2020.** Last 24 hours significant rainfall recorded is attached as **Annex B.**

8. **Weather Advisory / Press Release.** Met office informed on 2 September 2020 that;

- Rains in Sindh have subsided and dry weather is expected to prevail in most parts of the Sindh during next 10 days, with one or two brief rains at a few places during the period. Dry weather conditions in Karachi will be supportive for rescue / relief operation during next 10 days.
- Rain-thundershower with Isolated heavy falls are expected in Islamabad, Rawalpindi, Attock, Jhelum, Chakwal, Gujranwala, Hafizabad, Gujrat, Sialkot, Narowal, Lahore, Sheikhpura, Faisalabad, Kasur, Okara, Sahiwal, Pakpattan, Bahawalnagar, Dir, Swat, Buner, Shangla, Mansehra, Abbottabad, Haripur, Mardan, Nowshera, Charsadda, Kashmir and Gilgit-Baltistan on Thursday / Friday (**3 – 4 September 2020**). **Heavy falls may generate Urban Flooding in Rawalpindi, Gujranwala, Lahore and may trigger landslides in vulnerable areas of Khyber Pakhtunkhwa, Gilgit-Baltistan and Kashmir during the period.**

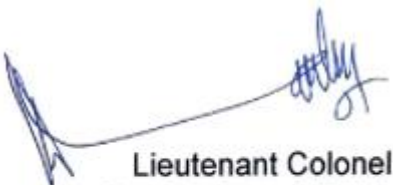
9. **Flood Warning / Alert.** NTR.

10. **Daily Flood / Base Flow Data Obtained from India.** Data regarding flows of eastern rivers obtained from internet on 2 September 2020 at 0600 hours are as under: -

Dam / Location	Water Level (Feet)	Inflow (Cusecs)	Outflow (Cusecs)
Bhakra Dam on River Sutlej	1,658.13	36,658	23,288
Pong Dam on River Beas	1,374.29	23,645	10,503

Dam / Location	Water Level (Feet)	Inflow (Cusecs)	Outflow (Cusecs)
Thein Dam on River Ravi as on 27 Aug 2020 (Updated once in a week)	1,675.63	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.



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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	252.5	230 – 260	Low	650
	Kalabagh	950	456.2	453.2	450 F 375	Medium	650
	Chashma	950	435.1	432.6	400 R 450	Medium	650
	Taunsa	1,100	342.0	342.0	340 – 380	Low to Medium	650
	Guddu	1,200	346.4	338.7	350 – 400	Medium	700
	Sukkur	1,500	284.8	273.1	285 – 315	Low	700
	Kotri	875	168.7	168.3	165 – 180	Below Low	650
River Kabul	Nowshera	540	118.8	118.8	110 F 80	Medium to Low	200
River Jhelum	Mangla	1,060	70.0	72.0	70 – 100	Low	225
	Rasul	850	68.0	68.0	60 – 70	Below Low	225
River Chenab	Marala	1,100	71.8	58.5	50 – 70	-do-	400
	Khanki	800	57.4	51.5	No Significant Change	-do-	400
	Qadirabad	807	60.2	38.2	-do-	-do-	400
	Trimmu	645	151.9	143.9	120 – 150	-do-	450
	Panjnad	700	116.2	102.7	120 – 140	-do-	450
River Ravi	Jassar	275	11.5	11.5	No Significant Change	-do-	150
	Shahdara	250	14.5	14.5	-do-	-do-	135
	Balloki	225	40.2	15.2	35 – 40	Low	135
	Sidhnai	150	30.3	25.2	25 – 30	Low	90
River Sutlej	G.S. Wala	-	0.0	0.0	No Significant Change	Below Low	50
	Sulemanki	325	18.1	5.4	-do-	-do-	175
	Islam	300	5.5	4.5	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex B

To NDMA SITREP No-070
dated 3 September 2020

PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD

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

- a. **Islamabad**. Golra 1 mm and New Airport 1 mm.
- b. **Balochistan**. Nil.
- c. **Khyber Pakhtunkhwa**. Kalam 39 mm, Malam Jabba 26 mm, Daggar 26 mm, Pattan 21 mm, Besham 19 mm, Saidu Sharif 19 mm, Chitral 16 mm, Risalpur 15 mm, Buner 12 mm, Kamra 11 mm, Chakdara 6 mm, Tarbela 5 mm, Phulra 4 mm, Kakul 4 mm, Balakot 3 mm, Shinkhari 3 mm, Lower Dir 2 mm, Oghi 1 mm and Dir 1 mm.
- d. **Punjab**. Jhang 32 mm, Shorkot 22 mm, Joharabad 15 mm, Hafizabad 12 mm, T. T. Singh 10 mm, Bahawalnagar 9 mm, Attock 8 mm, Sargodha 7 mm, Faisalabad 6 mm, Noorpur Thal 5 mm, Shadiwal 2 mm, Khanewal 2 mm, Sahiwal 1 mm, Bhoun 1 mm and Chakwal 1 mm.
- e. **Sindh**. Nil.
- f. **AJ&K**. Muzaffarabad 5 mm, Panjera 1 mm, Kotli 1 mm and Palote 1 mm.
- g. **Gilgit Baltistan**. Gupis 7 mm, Bagrote 4 mm, Hunza 4 mm and Gilgit 1 mm.