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



Dated: 29 August 2020

Subject: **NDMA Monsoon 2020 Daily Situation Report No 065**

NDMA Monsoon 2020 Daily Situation Report No 065 covering period from 28 August 2020 1300 hours to 29 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
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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Islamabad**



MONSOON 2020 DAILY SITUATION REPORT NO – 065

(PERIOD COVERED: 28 August 2020 1300 HRS – 29 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 28 August 2020, due to heavy rains following incidents reported in Khyber Pakhtunkhwa: - <ul style="list-style-type: none"> • Landslide at Rajmera, District Battagram. 1x death, 1x injured and 1x house partially damaged reported. • 1x house collapsed at village Sakhawon Maskini, Tehsil Samarbagh, District Lower Dir. 6x cattle heads perished. • 1x house partially damaged and 44x Sheep perished due to lightening in Raiteer, District Mansehra. • 2x deaths and 2x houses damaged reported in District Shangla. • 2x deaths reported due to flash flooding in District Upper Dir. • 4x injured and 5x houses fully damaged reported due to thunder storm with flash flood in village Shagram Madyan, District Swat. • Flash flooding in Kandia, Sazin and Laachi Naala, District Kohistan Upper. 10x houses fully damaged reported. • Due to landslides following roads are blocked: - <ul style="list-style-type: none"> • Peshawar to Chitral road at three points in Ashirate/Baradam area in Lower Chitral. • Upper Chitral at Reshun in District Upper Chitral due to collapsed of RCC Bridge at Reshun. • Patrak-Sheringal Road in District Upper Dir with five major slides. • Shishi-Madaklasht road, Rumboor village road and Golain Access road in District Lower Chitral. • Booni- Chitral Road at Mroi Gol and Dalum Gol Baranis in District Lower Chitral.

Ser	Province / Region	Area Affected
		<ul style="list-style-type: none"> • Karakar Road in District Buner. • KKH at Sazin in District Upper Kohistan. • Karag to Rashang Road, Thakot to Bateela Road and Banna to Batela Road in District Battagram.
d.	Punjab	<ul style="list-style-type: none"> • On 29 August 2020, High Flood Level (14193 Cusecs) was observed in Aik Nallah at Ura, Medium Flood Level was observed in Palku Nullah at Wazirabad and Low Flood Level was observed in Bein Nullah at Shakargarh. No damages reported. • On 28 – 29 August 2020, River Chenab at Khanki and Qadirabad attained high flood level. District Administrations Hafizabad, Gujranwala, Chiniot and Mandi Bahauddin evacuated people from vulnerable areas along River Chenab. Situation remained under control and no damages reported.
e.	Sindh	<p><u>Updates on Heavy Rains in Sindh</u></p> <ul style="list-style-type: none"> • <u>Karachi (Urban Flooding)</u> <ul style="list-style-type: none"> • Following more damages reported: - <ul style="list-style-type: none"> • KPT Underpass completely submerged from rainwater, no drain up-till now. • Zamzama Road cracked due to rainwater. • KPT Flyover badly affected due to stagnant water and Road cracked with small potholes. • Truck Adda to Hawkesbay Road is further deteriorated. • Side corner of 2 x building have collapsed at street no 6, Fida Hussain Sheikha Road Lyari. • Road damaged at Shahrah e Sher Shah suri near KDA Chowrangi • Collapse of wall in Kashmir Mohallah adjacent to Gujjar Nullah • Roof of a house collapsed in Shah Abdul Latif Bhittai colony. 1 x woman (aged 55) died and 3 x kids got injured. • Following are the rescue and relief activities undertaken from yesterday: - <ul style="list-style-type: none"> • Dewatering operation conducted at 6x sites. • 154x individuals evacuated.

Ser	Province / Region	Area Affected
		<ul style="list-style-type: none"> • 400x bedded relief camp at Expo Centre has been established which is extendable upto 500 beds. • 32x Emergency Medical and 56x Relief Camps established in coordination with Civil Administration in various parts of Karachi. • 3x Army field medical facilities established at Qayyumabad, Sarjani and Sadi town to provide immediate emergency medical care. • Cooked meals being provided to stranded people in flood hit areas. • Army Mobile Recovery vehicles are deployed at various choke points to shift vehicles struck in flood to keep flow of traffic. • NDMA has provided following relief items in Sindh: - <ul style="list-style-type: none"> • Tents - 6,000 • Tarpaulins - 6,000 • Food Packs - 10,000 (42 Kg each) • MRE's - 2,000 • Milk Powder - 8,000 Packets • Water Bottles - 11,000
f.	AJ&K	<ul style="list-style-type: none"> • On 28 August 2020, 4x deaths, 5x injured, 1x shop, 6x cattle heads perished, 76x houses partially and 33x houses fully damaged reported due to heavy rains in District Muzaffarabad, Bhimber, Kotli and Poonch. • On 28 August 2020, landslides reported due to heavy rains on following roads: - <ul style="list-style-type: none"> • Muzaffarabad to Kohala Road at Kuliyan (Road cleared and open for traffic). • Kotli Mirpur Road at Bili Poriyan (Road cleared and open for traffic). • Heveli to Chirikot Road (Machinery mobilized to open the road).
g.	Gilgit Baltistan	<ul style="list-style-type: none"> • On 28 August 2020, Manthokha Rangul road blocked due to boulder slide, District Kharmang. Work is in progress to restore the road. • 11x houses fully damaged, 58x houses partially damaged, agricultural land affected due to mud flow, access roads damaged and Electricity affected due to floods in Tissar,

Ser	Province / Region	Area Affected
		<p>Qaimabad And Arinchu, Basha Valley, District Shigar. Relief activities are under progress. Work is in progress to restore the roads.</p> <ul style="list-style-type: none"> On 28 August 2020, due to heavy rains landslides reported on KKH at Gandlo Nulla, Batchulai area, Jalipur, Tatta Pani and Lal Parri. Work is in progress to restore the road.

2. Extent of Damages

- a. Damages (During Significant Events – Monsoon 2020). NTR.
- b. 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	-	2	-	-	3	197	67	-
Punjab	-	-	-	-	-	3	2	-
Sindh	-	-	-	-	-	23	1	-
AJ&K	-	-	1	-	-	94	35	-
GB	-	1	-	-	1	20	9	-
TOTAL	10	6	1	1	4	435	1,001	-

- c. 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	2	8	17	11	1	1	13
Khyber Pakhtunkhwa	17	4	27	48	30	3	9	42
Punjab	5	5	4	14	3	2	3	8
Sindh	26	1	7	34	8	1	-	9
AJ&K	1	2	7	10	2	3	-	5
Gilgit Baltistan	5	-	6	11	4	-	-	4
TOTAL	61	14	59	134	58	10	13	81

3. Flood Relief Activities

- a. Relief Camps Established. NTR.
- b. Rescue Activities
- 175x families (1,245 individuals) evacuated by Armed Forces and District Administration from Yousaf Goth, Sarjani Town and adjoining Goths, District Karachi.
 - 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	6,000	420	-	-	-	6,000	-
Balochistan	2,100	-	2,150	450	2,350	-	11
Sindh	6,800	385	800	1,800	-	-	211
KP	72	23	-	-	-	-	-
GB	13	1.6	6	-	-	-	-
Total	14,985	829.6 Tons	2,956	2,200	2,350	6,000	222

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

5. **River Discharges.** River Chenab at Qadirabad and River Jhelum at Rasul are in Medium Flood Level, River Indus at Kalabagh, Chashma, Guddu & Sukkur, River Kabul at Nowshera and River Chenab at Khanki are in Low Flood level. All other major rivers are at below low flood level. Flows are also likely to increase up to **Medium to High flood level in the Nullahs of Rivers Chenab & Ravi** 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	1,550.00	5.980	0.00	0.00
b.	Mangla	1,242.00	7.356	1,242.75	7.356	0.00	0.00
c.	Chashma	649.00	0.278	643.50	0.085	5.50	0.193
Total Storage till 29 August 2020 –		13.421 (MAF)					
Remaining Storage		– 0.193 (MAF)					

7. **Weather Forecast for Next 24 Hours.** Isolated thunderstorm / rain is expected over the upper catchments of all the Major Rivers along with, Khyber Pakhtunkhwa, South & Southeast Sindh, Northeast Balochistan and Rawalpindi, Gujranwala & Lahore Divisions. Last 24 hours significant rainfall recorded is attached as **Annex B.**

8. **Weather Advisory / Press Release.** Met office informed on 28 August 2020 that another monsoon rain bearing system is likely to enter in Sindh on **Saturday (29 August 2020)**. Under the influence of this system: -

- a. Rain / wind-thundershowers, **with isolated heavy to very heavy falls**, are expected in Karachi, Hyderabad, Thatta, Badin, Shaheed Benazirabad, Dadu, Tharparker, Nagarparker, Mirpurkhas, Islam Kot, Umar Kot, Sanghar, Sukkur and Larkana from **Saturday (evening) to Monday (29 August 2020 – 31 August 2020) which may further aggravate existing urban flooding / water logging in Karachi, Hyderabad, Thatta, Mirpurkhas and Badin on Sunday and Monday.**

- b. Rain-thundershowers with isolated heavy falls are also expected in Lasbella, Khuzdar, Awaran, Barkhan, Zhob, Musa Khel, Loralai, Kohlu and Sibbi during **Sunday and Monday (30 August 2020 – 31 August 2020) which may generate flash flooding in Sibbi, Kalat, Khuzdar, Lasbella and Dera Ghazi Khan during the period.**
- c. Rain-thundershower are also expected in Bahawalpur, Rahim Yar Khan, Khanpur, Rajanpur, Dera Ghazi Khan, Multan, Khanewal and Sahiwal during the period.
9. **Flood Warning / Alert. River Chenab at Trimmu is likely to attain Medium to High Flood level on 30 August 2020.**
10. **Daily Flood / Base Flow Data Obtained from India.** NTR.
11. **Warning / Alert.** Keeping in view the higher water level in Mangla Reservoir (1,242 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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Annex A
To NDMA SITREP No-065
dated 29 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	243.0	236.0	220 – 245	Low	650
	Kalabagh	950	323.5	316.5	325 – 375	Low - Medium	650
	Chashma	950	309.0	305.0	310 – 365	Low	650
	Taunsa	1,100	223.5	212.3	225 – 265	Low	650
	Guddu	1,200	226.3	216.3	200 – 220	Low	700
	Sukkur	1,500	205.2	200.5	200 – 205	Low	700
	Kotri	875	60.4	60.5	60 – 100	Below Low	650
River Kabul	Nowshera	540	88.0	88.0	60 – 85	Low	200
River Jhelum	Mangla	1,060	55.0	38.3	40 – 60	Below Low	225
	Rasul	850	112.6	112.6	100 F 40	Low-Normal	225
River Chenab	Marala	1,100	126.8	121.2	80 – 100	Below Low	400
	Khanki	800	149.4	143.6	140 F 100	Low	400
	Qadirabad	807	184.1	175.7	180 F 140	High – Low	400
	Trimmu	645	96.4	84.3	100 R 150	Low	450
	Panjnad	700	52.7	37.7	No Significant Change	Below Low	450
River Ravi	Jassar	275	22.3	22.3	10 – 20	-do-	150
	Shahdara	250	31.4	31.4	30 – 39	-do-	135
	Balloki	225	63.3	37.3	60 – 70	Medium	135
	Sidhnai	150	25.1	9.4	25 – 30	Low	90
River Sutlej	G.S. Wala	-	0.4	0.4	No Significant Change	Below Low	50
	Sulemanki	325	19.0	5.6	-do-	-do-	175
	Islam	300	6.5	4.7	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex B

To NDMA SITREP No-065
dated 29 August 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**. Shinkhari 16 mm, Kakul 14 mm, Cherat 11 mm, Malam Jabba 8 mm, Saidu Sharif 7 mm, Besham 6 mm, Phulra 3 mm, Oghi 1 mm and Kalam 1 mm.
- d. **Punjab**. Shadiwal 62 mm, Sialkot 27 mm, Shorkot 25 mm, Narowal 17 mm, Khanewal 17 mm, Murree 11 mm, Multan 5 mm, D. G. Khan 6 mm, Sahiwal 5 mm, Mandi Bahauddin 2 mm, Attock 2 mm, Kasur 1 mm and Gujranwala 1 mm.
- e. **Sindh**. Karachi (Sadi Town 86 mm & Gulshan-e-Hadeed 84 mm), Thatta 13mm and Mithi 11 mm.
- f. **AJ&K**. Chakothe 29 mm, Domel 14 mm, Muzaffarabad 10 mm, Chattar Kallas 10 mm, Garhi Dupatta 7 mm, Nauseri 5 mm, Rawalakot 4 mm, Hajira 4 mm, Kotli 2 mm, Bandi Abbaspur 1 mm, Tandali 1 mm and Panjera 1 mm.
- g. **Gilgit Baltistan**. Bunji 11 mm, Astore 7 mm and Bagrote 1 mm.