

MOST IMMEDIATE / BY FAX



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



Dated: 30 August 2020

Subject: **NDMA Monsoon 2020 Daily Situation Report No 066**

NDMA Monsoon 2020 Daily Situation Report No 066 covering period from 29 August 2020 1300 hours to 30 August 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



**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
Islamabad**



MONSOON 2020 DAILY SITUATION REPORT NO – 066

(PERIOD COVERED: 29 August 2020 1300 HRS – 30 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"> • Flash flooding in Kandia, Sazin and Laachi Naala, District Kohistan Upper reported on 27 August 2020. After further assessment, following more damages assessed by District Administration: - <ul style="list-style-type: none"> • 20x houses fully damaged. • 24x Cattle head Perished. • 9 hectares Crops. • 51x Walnut Trees. • 9x Water Mills. • 7x Water Supply Schemes / Channels. • 2x Shops. • On 28 August 2020, due to heavy rains a house collapsed reported in Kolalanu Street, District Upper Dir. No human loss reported. • On 29 August 2020, due to heavy rains a room of a house collapsed reported in Khaliqabad Batkhela, District Malakand. 2x injured reported.
d.	Punjab	<ul style="list-style-type: none"> • On 28 August 2020, 2x deaths and 5x injured reported due to roof / wall collapsed incidents in District Gujranwala.
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"> • Due to Heavy Rains / Urban Flooding from 20 – 29 August 2020 in Karachi, 27x deaths, 13x injured, 35x houses damaged, 1x Government Nursery, 26x vehicles and 1x showroom damaged reported till now. • Following are the rescue and relief activities undertaken from yesterday: - <ul style="list-style-type: none"> • Dewatering operation continued at 26x sites.

Ser	Province / Region	Area Affected
		<ul style="list-style-type: none"> • 3x boats deployed at 2x sites for rescue operation. • 1844x individuals evacuated. • Underpass on Drig Road has been cleared while work is in progress to clear the following underpasses: - <ul style="list-style-type: none"> • KPT • Gizri. • Punjab Chiwrangi. • Mohsin Bhopali. • Food distributed among 18300x individuals (6x Trucks (5 ton) and 2x Double Cabin vehicles detailed with Sayllani Trust for distribution of food and water). • 12000x water bottles distributed. • 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. • 400x bedded relief camp at Expo Centre has been established which is extendable upto 500 beds. • 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. • 3x Advance Dressing Stations established at Qayyumabad, Sarjani and Sadi town to provide immediate emergency medical care. • Army Mobile Recovery vehicles are deployed at various choke points to shift vehicles struck in flood to keep flow of traffic. 31x vehicles hauled using Integral Mobile Repair Teams / Recovery vehicles.
f.	AJ&K	NTR
g.	Gilgit Baltistan	<ul style="list-style-type: none"> • On 28 – 29 August 2020, landslide due to heavy rains at 44x location reported along KKH in Gilgit Baltistan. FWO, NHA and District Administration machinery deployed to restore the KKH. 42x landslides cleared. Work is in progress to clear the remaining 2x slides at Lal Parri and Raikot Bridge. Furthermore, District Administration Diamer extended all

Ser	Province / Region	Area Affected
		<p>support to the stranded tourists due to KKH blockade and distributed food packs among the tourists at Gonar Farm and Tatta Pani area.</p> <ul style="list-style-type: none"> On 27-29 August 2020, following damages reported due to flash floods / heavy rains in District Shigar: - <ul style="list-style-type: none"> 69x houses partially damaged. 30x houses fully damaged. 21x water supply schemes. 6x irrigation channels 3x Bridges. 1x Masjid. 2x hydropower plants.

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	2	-	3	199	87	-
Punjab	-	-	-	-	-	5	2	-
Sindh	-	-	-	-	-	58	1	-
AJ&K	-	-	1	-	-	94	35	-
GB	-	4	-	-	1	89	39	2
TOTAL	10	9	3	1	4	543	1,051	2

- 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	31	4	9	44
Punjab	7	5	4	16	8	2	3	13
Sindh	43	4	14	61	17	1	4	22
AJ&K	1	2	7	10	2	3	-	5
Gilgit Baltistan	5	-	6	11	4	-	-	4
TOTAL	80	17	66	163	73	11	17	101

3. Flood Relief Activities

- a. Relief Camps Established. NTR.
- b. Rescue Activities

- (1) 175x families (1,245 individuals) evacuated by Armed Forces and District Administration from Yousaf Goth, Sarjani Town and adjoining Goths, District Karachi.
- (2) 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 Indus at Kalabagh, Chashma, Guddu & Sukkur and River Jhelum at Mangla are in low Flood level. **Flows are expected to increase significantly in rivers, streams and local nullahs.** All other major rivers are at below low flood level. 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	1,241.45	7.311	0.55	0.045
c.	Chashma	649.00	0.278	639.00	0.010	10.00	0.268
Total Storage till 30 August 2020 –		13.301 (MAF)					
Remaining Storage –		0.313 (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 and Rawalpindi, Gujranwala & Lahore Divisions. **Rain / wind-thundershower with isolated heavy to very heavy falls is expected in Karachi, Hyderabad, Thatta, Badin, Shaheed Benazirabad, Dadu, Tharparker, Nagarparker, Mirpurkhas, Islam Kot, Umar Kot, Sanghar, Sukkur & Larkana District. Scattered wind-thundershower rain of moderate intensity with isolated heavy falls is expected in Kalat, Naseerabad, Zohb, Sibbi, Bahawalpur & D. G. Khan Divisions.** Rainfall

activity over Southern parts of the Country is likely to continue, while increase over upper half of the Country. Last 24 hours significant rainfall recorded is attached as **Annex B**.

8. **Weather Advisory / Press Release**

- a. 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: -
- (1) 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.**
 - (2) 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.**
 - (3) Rain-thundershower are also expected in Bahawalpur, Rahim Yar Khan, Khanpur, Rajanpur, Dera Ghazi Khan, Multan, Khanewal and Sahiwal during the period.
- b. Met office informed on 29 August 2020 that a strong rainy system is likely to approach in upper parts of the Country that will produce widespread rain with heavy fall at a number of places in Punjab, Upper KP, GB / AJK during Sunday (evening) to Tuesday (30 August 2020 to 1 September 2020). Under the influence of this system: -
- (1) Heavy to Very Heavy falls are also expected in Rawalpindi, Attock, Chakwal, Jhelum, Mandi Bahauddin, Hafizabad, Gujranwala, Sialkot, Narowal, Lahore, Kasur, Okara, Faisalabad, Jhang, Sargodha, Mianwali, Khushab, Toba Tek Singh from Monday to Wednesday (31 August 2020 to 2 September 2020). Heavy falls may also likely in Rajanpur, Dera Ghazi Khan, Multan, Bahawalpur, Khanewal, Zhob and Barkhan.
 - (2) Heavy to Very Heavy falls are also expected in Dir, Swat, Buner, Shangla, Kohistan, Haripur, Mansehra, Abbottabad, Peshawar, Charsadda, Swabi, Mardan, Kohat and Kurram from Monday to Wednesday (31 August 2020 to 2 September 2020).

(3) Heavy rainfall may generate urban / flash flooding and Land Sliding in Vulnerable Areas from Monday to Tuesday (31 August 2020 to 1 September 2020).

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.



Lieutenant Colonel
For Chairman NDMA
(Muhammad Ala Ud Din)
Tel. 051-9087874
Fax No: 9205086

Annex A
To NDMA SITREP No-066
dated 30 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	211.0	155.9	170 – 200	Below Low	650
	Kalabagh	950	315.5	308.5	250 – 300	Low	650
	Chashma	950	326.9	321.4	280 – 325	Low	650
	Taunsa	1,100	257.9	246.7	260 – 300	Low	650
	Guddu	1,200	221.9	217.9	210 – 220	Low	700
	Sukkur	1,500	205.2	200.5	200 – 210	Low	700
	Kotri	875	69.1	68.8	70 – 90	Below Low	650
River Kabul	Nowshera	540	50.4	50.4	No Significant Change	-do-	200
River Jhelum	Mangla	1,060	40.0	99.8	40 – 60	Below Low	225
	Rasul	850	70.5	70.5	70 – 100	Low	225
River Chenab	Marala	1,100	83.4	77.7	70 – 85	Below Low	400
	Khanki	800	96.5	91.6	70 – 80	-do-	400
	Qadirabad	807	111.2	98.2	70 – 90	-do-	400
	Trimmu	645	150.5	138.1	150 R 310	Medium – High	450
	Panjnad	700	60.9	45.9	No Significant Change	Below Low	450
River Ravi	Jassar	275	15.0	15.0	-do-	-do-	150
	Shahdara	250	20.6	20.6	-do-	-do-	135
	Balloki	225	57.5	31.5	50 – 55	Low	135
	Sidhnai	150	25.1	9.0	25 – 30	Low	90
River Sutlej	G.S. Wala	-	2.0	2.0	No Significant Change	Below Low	50
	Sulemanki	325	19.2	5.6	-do-	-do-	175
	Islam	300	3.1	1.2	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex B

To NDMA SITREP No-066
dated 30 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**. Kakul 14 mm, Malam Jabba 7 mm, Dir 3 mm, Mirkhani 3 mm and Khanpur 3 mm.
- d. **Punjab**. Shadiwal 57 mm, Attock 1 mm and Ravi Syphon 1 mm.
- e. **Sindh**. Chhor 36 mm, Mithi 2 mm and Karachi 1 mm.
- f. **AJ&K**. Chattar Kallas 3 mm, Garhi Dupatta 3 mm and Panjera 1 mm.
- g. **Gilgit Baltistan**. Nil.