



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



Dated: 08th September 2021

Subject: NDMA Monsoon 2021 Daily Situation Report No 070

NDMA Monsoon 2021 Daily Situation Report No 070 covering period from 1300 hours on 07 September 2021 to 1300 hours 08 September 2021 is enclosed for information / necessary action, please.

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
 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 2021 DAILY SITUATION REPORT NO – 070

(Period Covered: 1300 Hrs 07 September 2021 – 1300 Hrs 08 September 2021)

1. Area Affected (Last 24 Hours)

Ser	Province / Rgn	Daily Incident
a.	ICT	<i>(Nothing to Report) NTR</i>
b.	Balochistan	
c.	Khyber Pakhtunkhwa	
d.	Punjab	<ul style="list-style-type: none"> Due to heavy rain in Islamabad/Rawalpindi (Chaklala 169 mm, Kachehri 88mm Zero Point 77mm, Bokra 71mm, A/P 69mm, Shamsabad 45mm, Golra 21mm, and Saidpur 16mm) Nullah Lai attained a maximum level of 11ft at Katarain while at Gawal Mandi attained a level of 10.5ft and started receding at 0530 hrs. Situation remained normal and no loss of life or property was reported.
e.	Sindh	<i>NTR</i>
f.	AJ&K	
g.	Gilgit Baltistan	

2. Cumulative Damages (1 July to date)

a. Summary of Casualty – Injured/ Death

Province / Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	4	2	2	8	1	2	1	4
Balochistan	15	6	3	24	8	-	1	9
GB	3	2	1	6	-	-	-	-
ICT	-	1	1	2	-	-	-	-
KP	24	10	31	65	45	24	47	116
Punjab	39	4	4	47	108	3	2	113
Sindh	1	-	4	5	-	-	-	-
Total	86	25	46	157	162	29	51	242

b. Summary of Damages of Infrastructure & Private Properties

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Masjid	Houses		Power Houses
						PD	FD	
AJ&K	-	-	2	3	-	1	30	-
Balochistan	6	1	-	-	-	114	45	-
GB	6	6	20	-	-	-	15	1
ICT	-	-	-	-	-	-	-	-
KP	1	2	-	-	-	92	6	-
Punjab	-	-	-	-	-	33	11	-
Sindh	-	-	-	-	-	-	150	-
Total	13	9	22	3	-	240	257	1

Note: PD: Partially Damaged, FD: Fully Damaged

Details of bridges is attached at **Annex A**.

3. **Flood Relief Activities**
 - a. **Relief Camps Established**. NTR.
 - b. **Rescue Activities**. NTR.
 - c. **Aviation Activities**. NTR.
 - d. **Relief Activities**. NTR.
4. **Threat to Next Likely Areas**. NTR.
5. **River Discharges**. As per FFD, all the Major Rivers are flowing below "Flood Limits". Details of river discharges is attached as **Annex B**.
6. **Dams Levels**

Ser	Reservoirs	Max Conservation Level & Storage		Current Level & Storage		Remaining Level & Storage	
		(Feet)	(MAF*)	(Feet)	(MAF*)	(Feet)	(MAF*)
a.	Tarbela	1,550.00	5.882	1534.05	4.984	15.95	0.898
b.	Mangla	1,242.00	7.356	1192.90	3.902	49.1	3.454
c.	Chashma	649.00	0.278	645.00	0.125	4.00	0.153
Total Storage		-		13.516	(MAF)		
Total Storage till 08 Sept 2021		-		9.011	(MAF)		
Remaining Storage		-		4.505	(MAF)		

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD**. Scattered thunderstorm/rain of moderate intensity with isolated heavy falls is expected over the upper catchments of all the Major Rivers along with Islamabad, South & Southeast Sindh and Peshawar, Kohat, Bannu, DI Khan, Rawalpindi, Gujranwala, Sargodha, Lahore & Faisalabad Divisions. Isolated thunderstorm/rain is expected over Sahiwal, Multan, DG Khan & Bahawalpur Divisions along with East Balochistan.
8. **Rainfall Last 24 Hours**. Attached as **Annex C**
9. **Weather Advisory / Press Release** In response to PMD weather alert NDMA has issued weather advisory to all concerned on 6th September 2021 that more Monsoon currents are likely to penetrate in the country from Tuesday (evening/night) till Saturday (07th – 11th September 2021). Under the influence of this weather system:
 - a. Rain-wind-thundershower is expected in Kashmir, Islamabad, Rawalpindi, Attock, Chakwal, Jhelum, Gujrat, Mandi Bahauddin, Sialkot, Narowal, Gujranwala, Hafizabad, Lahore, Okara, Faisalabad, Sargodha, Mianwali, Jhang, Toba Tek Singh, Kohistan, Shangla, Mansehra, Abbottabad, Haripur, Mardan, Charsadda, Nowshera, Dir, Chitral, Peshawar, Kohat, Waziristan, Gilgit-Baltistan (Ghizer, Astore, Diamir, Skardu, Gilgit, Hunza, Nagar, Ghanche and Kharmang) with occasional gaps from Tuesday (evening/ night) till Saturday (07th – 11th September 2021).
 - b. Heavy falls are also expected in Dir, Kohistan, Mansehra, Abbottabad, Muzaffarabad, Rawalakot, Bagh, Rawalpindi/Islamabad, Jhelum, Chakwal,

Attock, Gujranwala, Hafizabad, Mandi Bahauddin, Sialkot, Narowal, Lahore and Kasur from Wednesday to Friday (8th – 10th September 2021).

- c. Rain-wind-thunderstorm is also expected in Tank, Karak, Bannu, D.I. Khan, south Punjab (Bhakkar, Layyah, Sahiwal, Bahawalnagar, Dera Ghazi Khan, Rajanpur, Khanpur, Khanewal, Multan), eastern Balochistan (Kohlu, Loralai, Barkhan, Zhob, Musa khel, Quetta, Ziarat, Kalat) and in Sindh province from Wednesday (evening/ night) to Friday (8th – 10th September 2021).

10. **Flood Warning / Alert.** NTR.

11. **Daily Flood / Base Flow Data Obtained from India**

Ser	Name of Dam	Full Reservoir Level	Live Storage Capacity at FRL (MAF)	Current Live Storage (MAF) 02-09-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	3.016	1631.87	27,713	18,639
b.	Pong Dam River Beas	1400	4.991	2.340	1344.39	10,099	9,000
c.	Thein Dam River Ravi	1732	1.900	0.723	1659.17	Not available	Not available

Reference: Ministry of Water Resources, Office of PCIW report dated 08 September 2021.

DETAILS OF DAMAGED BRIDGES**Khyber Pakhtunkhwa.**

- 2 x Bridges i.e. Ayub bridge & Nowshera bridge were damaged in District Abbottabad on 11 July 2021.

Balochistan.

- 1 x Bridge was damaged in District Sibbi on 20th July 2021.

Gilgit Baltistan.**Foot/ Wooden Bridges:**

- Chirah Wooden suspension Bridge (pedestrian bridge) got damaged in District Gilgit on 28th July 2021.
- 1 x Wooden Bridge at Yashkuk glacier got damaged in District Hunza on 30th July 2021.
- 1 x Wooden Bridge on Road Zoodkhun to Ziarat got damaged in District Hunza on 31 July 2021.

Road Bridges:

- 1 x Truss Bridge about 40 ft span on Road Zoodkhun to Ziarat got damaged in District Hunza on 31 July 2021.
- Bailey Bridge on Thogmus nullah got damaged in District Ghanche on 29th July 2021.
- Sholja Bridge got damaged in District Ghizer on 30th July 2021.
- 1 x Bridge got damaged in Badswat, Ishkoman Valley on 16th July 2021.
- Mirmalik Bridge got damaged in District Astore on 28th July 2021.

Annex B

To NDMA SITREP No-070

Dated 08 September 2021

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	111.0	159.3	110 – 130	Below Low	650
	Kalabagh	950	173.6	166.6	No significant change	-do-	650
	Chashma	1,000	183.7	164.1	-do-	-do-	650
	Taunsa	1,000	155.2	135.9	-do-	-do-	650
	Guddu	1,200	115.8	84.9	-do-	-do-	700
	Sukkur	900	68.6	22.0	-do-	-do-	700
	Kotri	875	28.9	0.4	-do-	-do-	650
River Kabul	Nowshera	540	14.5	14.5	15 – 30	-do-	200
River Jhelum	Mangla	1,060	30.0	35.8	30 – 50	-do-	225
	Rasul	850	29.7	8.0	No significant change	-do-	225
River Chenab	Marala	1,100	30.1	5.0	40 – 60	-do-	400
	Khanki	1,100	7.4	0.0	No significant change	-do-	400
	Qadirabad	900	17.5	0.0	-do-	-do-	400
	Trimmu	875	27.9	11.6	-do-	-do-	450
	Panjnad	865	11.0	0.0	-do-	-do-	450
River Ravi	Jassar	275	2.6	2.6	02 – 10	-do-	150
	Shahdara	250	17.8	17.8	-do-	-do-	135
	Balloki	380	29.0	0.0	-do-	-do-	135
	Sidhnai	150	14.7	0.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	16.1	2.4	-do-	-do-	175
	Islam	300	0.7	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs

Annex C

To NDMA SITREP No-070

Dated 08 September 2021

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Sindh	
Karachi	(Quadiabad 09, Gulshan Hadeed 02, DHA 01)
Thatta	06
AJ&K	
Garhi Dupatta	62
Barnala	41
Muzaffarbad	(A/P 25 & City 16)
Palandri	10
Chattar Kalas	08
Kotli	04
Rawalakot	03
Bandi Abbaspur	02
Hajira, Dhulli & Chakothi	01
Punjab	
Rawalpindi	(Chaklala A/P 169, Kachehri 88 & Shamsabad 45)
Daultanagar	140
Islamabad	(Z.P 77, Bokra 71, A/P 69, Golra 21 & Saidpur 16)
Mangla	72
Jhelum	56
Chakwal	52
Gujrat	50
Rohtas	45
Murree	42
Attock	22
Sialkot	(City 15 & A/P 01)
Sargodha	(A/P 23, City 15)
Shadiwal	11
Dhok Pathan	11
W.S.R Mangla	07
Kamra	04
Mandi Bahauddin, Rawalakot	03
Joharabad	01
Balochistan	
Barkhan	22
Khyber Pakhtunkhwa	
Kakul	49
Dargai	41
Oghi	17
Domel	05
Brarkot	09
Balakot & Mian Khan	03
Malamjabba & Buner	02
Shinkiari	01
Gilgit Baltistan	
Nil	