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



Dated: 12 July 2021

Subject: **NDMA Monsoon 2021 Daily Situation Report No 012**

NDMA Monsoon 2021 Daily Situation Report No 012 covering period from 1300 hours on 11 July 2021 to 1300 hours 12 July 2021 is enclosed for information / necessary action, please.

Lieutenant Colonel
For Chairman NDMA
(Muhammad Ala Ud Din)
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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
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ID: APS to Member (Ops), NDMA
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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 – 012
(Period Covered: 1300 Hrs 11 July 2021 – 1300 Hrs 12 July 2021)

1. **Area Affected (Last 24 Hours).**

Ser	Province / Rgn	Daily Incident
a.	ICT	Nothing to Report (NTR)
b.	Balochistan	
c.	Khyber Pakhtunkhwa	<ul style="list-style-type: none"> • On 11-07-2021, due to heavy rain/ thunderstorm, following incidents occurred in various districts: - <ul style="list-style-type: none"> • In District Abbottabad, water has accumulated in Bilal Town, Touheed Colony, Shah Zaman Colony, Jhangi, Kaghan Colony, Saithi Masjid, Mandian, Ayub Medical Complex and Hassan Town. • In Battagram, Rainfall/thunderstorm, water has accumulated the following areas, Naraza mor, Battagram Bridge and Doraha Battagram. • In District Lower Dir, 1 x roof of a house got collapsed resultantly 2 x female died while 1x male got injured. • In district Manshera, 2 x males have died due to boundary wall collapsed. • In District Torghar, due to heavy rainfall, one room of Housin got collapsed. • In District Abbottabad, due to heavy rainfall, following bridges/road got damaged and blockade for all kind of traffic. However, C&W and NHA mobilized their machinery to clear the blockade. <ul style="list-style-type: none"> • Ayub Bridge Havelian (onlycracked) • Nowshera Bridge Havelian (fully damaged) • Banda Qazi Road damaged
d.	Punjab	Heavy rain has been reported in Isolated areas however no loss/ damage is reported
e.	Sindh	
f.	AJ&K	
g.	Gilgit Baltistan	

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12/7

2. **Cumulative Damages (1 July to date).**a. **Summary of Damages of Infrastructure & Private Properties.**

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Masjid	Houses		Power House s
						PD	FD	
AJ&K	-	-	-	-	-	-	-	-
Balochistan	-	-	-	-	-	-	-	-
GB	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-
KP	1	2	-	-	-	14	-	-
Punjab	-	-	-	-	-	-	5	-
Sindh	-	-	-	-	-	-	-	-
Total	1	2	-	-	-	14	5	-

c. **Summary of Casualty – Injured/ Death.**

Province / Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	-	-	-	-	-	-	-	-
Balochistan	-	1	-	1	-	-	-	-
GB	2	2	-	4	-	-	-	-
ICT	-	-	-	-	-	-	-	-
KP	3	1	3	7	3	2	3	8
Punjab	6	-	-	6	1	-	-	1
Sindh	-	-	-	-	-	-	-	-
Total	10	4	-	18	4	2	2	9

3. **Flood Relief Activities**a. **Relief Camps Established.** NTR.b. **Rescue Activities.** Following rescue activities are undertaken in Khyber Pakhtunkhwa: -

- (1) **Abbottabad.** Control Rom has been established in DC office. Resources of Rescue 1122 teams had been mobilized. NHA and C&W had cleared the road blockade. Traffic has been diverted from Havalian Bridge to alternate route.
- (2) **Battagram.** TMA and NHA were mobilized and the road blockade were cleared.
- (3) **Swat.** Fifteen persons were rescued by 1122 teams. In addition, dewatering of the flooded areas were completed.

c. **Aviation Activities.** NTR.d. **Relief Activities.** NTR.

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12/7

4. **Threat to Next Likely Areas.** NTR.5. **River Discharges**

- a. No flood situation is observed in any of the major river.
- b. High Flood (ranging from 200,000 cusecs to 300,000 cusecs) from 12th to 13th July 2021 is expected in River Chenab at Marala, Khanki and Qadirabad.
- c. Sharp peaks of Medium Flood is expected in River Jhelum at Mangla upstream.
- d. Moderate Flooding in the Nullahs of River Ravi during next 24 to 48 hours.
- e. Details of river discharges is attached as **Annex A**.

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	1440.75	0.907	109.25	4.975
b.	Mangla	1,242.00	7.356	1156.55	2.050	85.45	5.306
c.	Chashma	649.00	0.278	644.90	0.123	4.1	0.155
Total Storage		-		13.516 (MAF)			
Total Storage till 12 July 2021		-		3.08 (MAF)			
Remaining Storage		-		10.436 (MAF)			

Reference: Federal Flood Commission

7. **Weather Forecast for Next 24 Hours by PMD.** Scattered to fairly wide-spread thunderstorm/rain of moderate intensity with isolated **heavy falls** is expected over the upper catchments of all the Major Rivers along with Rawalpindi, Sargodha Gujranwala & Lahore Divisions. Scattered thunderstorm/ rain is expected over Sindh. Isolated thunderstorm/ rain is expected over Peshawar, Kohat, Bannu, DI Khan, Faisalabad, Sahiwal, Multan, DG Khan & Bahawalpur Divisions along with East Balochistan.

8. **Rainfall Last 24 Hours.** Attached as **Annex B**.

9. **Weather Advisory / Press Release.** In response to PMD weather alert NDMA has issued weather advisory to all concerned on 12th July 2021 that strong monsoon weather system giving rains in the country is likely to persist during the week. Under the influence of this weather system, following is predicted: -

- a. Rain-wind-thundershower (with few heavy falls at time) is expected in Kashmir, Islamabad, Rawalpindi, Attock, Chakwal, Jhelum, Gujrat, Mandi Bahauddin, Sialkot, Narowal, Gujranwala, Hafizabad, Lahore, Sheikhpura, Kasur, Okara, Faisalabad, Jhang, Toba Tek Singh, Sargodha, Mianwali,

12/7

Khushab, Bhakkar and Layyah, Dir, Swat, Buner, Kohistan, Shangla, Manshera, Abbottabad, Haripur, Mardan, Swabi, Charsadda, Nowhsera, Peshawar, Waziristan, Kurram, Bannu, Kohat, Lakki Marwat, Tank, Karak and Dera Ismail Khan, Gilgit – Baltistan (Ghizer, Astore, Diamer, Skardu, Gilgit, Hunza, Nagar, Ghanche, and Kharmang) from Monday to Thursday (12th – 15th July 2021).

- b. Rain-wind-thundershowers (with few heavy falls at time) is expected DG Khan, Rajanpur, Multan, Khanewal, Sahiwal, Bahawlnagar, Bahawalpur, and Rahimyarkhan, Sibi, Naseerabad, Jafarabad, Qila Saifullah, Qali Abdullah, Kohlu, Lora Lai, Bar Khan, Kalat, Khuzdar, Lasbella, Awaran, Kech, Punjabgur, Mastung, Quetta, Zairat, Zhob, Harnai, Sukkur, Jacobabad, Larkana, Khairpur, Tharparkar, Sanghar, Umerkot, Mirpurkhas, Thatta, Badin, Hyderabad, Dadu, Shaheed Benazirabad, and Karachi from Monday to Friday (12th to 16th July 2021).


10. **Flood Warning / Alert.**

- a. There is a likelihood of urban flooding due to heavy rains in Rawalpindi, Lahore, Gujranwala, Peshawar and Faisalabad, Karachi, Hyderabad, Thatta, Badin from 12th and 14th July 2021.
- b. Heavy rains may generate flash flooding in Local/Barsati Nullahs of Sialkot, Narowal, hill torrents of Dera Ghazi Khan, Balochistan, Shangla, Buner, Batagram, Uper Swat, Kohistan, and Kashmir from 12th July to 14th July 2021.

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) 08-07-21	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	0.721	1540.9 3	46,491	30,084
b.	Pong Dam River Beas	1400	4.991	0.252	1279.1 4	12,940	5,503
c.	Thein Dam River Ravi	1732	1.900	0.460	1636.5 3	Not available	Not available

Reference: Ministry of Water Resources, Office of PCIW report dated 12 Jul 2021.


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Annex A

To NDMA SITREP No-012

Dated 12 July 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	193.0	84.2	200 – 260	Low	650
	Kalabagh	950	178.0	172.0	190 – 230	Below Low	650
	Chashma	1,000	180.2	169.3	No significant change	-do-	650
	Taunsa	1,000	154.8	137.4	-do-	-do-	650
	Guddu	1,200	116.8	83.7	-do-	-do-	700
	Sukkur	900	77.8	30.1	-do-	-do-	700
	Kotri	875	27.9	0.5	-do-	-do-	650
River Kabul	Nowshera	540	36.8	36.8	50 – 80	Low	200
River Jhelum	Mangla	1,060	46.0	8.1	50 – 90 Sharp peak of medium flood level	Low	225
	Rasul	850	22.5	11.9	No Significant Change	Below Low	225
River Chenab	Marala	1,100	88.9	55.0	120R 300	High	400
	Khanki	1,100	40.2	32.9	120R 300	-do-	400
	Qadirabad	900	50.6	30.6	60 – 90	Below Low	400
	Trimmu	875	28.7	11.9	No significant change	-do-	450
	Panjnad	865	11.5	0.0	-do-	-do-	450
River Ravi	Jassar	275	10.3	10.3	10 – 30	-do-	150
	Shahdara	250	28.7	28.7	No Significant Change	-do-	135
	Balloki	380	35.5	6.5	-do-	-do-	135
	Sidhnai	150	15.1	0.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	14.7	3.2	-do-	-do-	175
	Islam	300	1.7	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs.

Annex B

To NDMA SITREP No-012

Dated 12 July 2021

SIGNIFIANT RAINFALL REPORTED LAST 24 HOURS BY PMD

Stations	Rainfall (mm)
Islamabad	
Bokra	08
Saidpur	07
Zero Point	06
Golra	04
Punjab	
Sialkot	193
Jhelum	98
Mangla	70
Gujrat	66
Mandi Bahudin	50
Gujranwala	49
Sargodha	28
Daulatnagar	28
Marala	27
Rohtas	27
Murree	21
Shadiwal	21
Rawalpindi (Chaklala)	20
Aik Nullah (Ura)	10
Rawalpindi (Shamsabad)	09
Narowal	04
Faisalabad & TT Singh	01
Balochistan	
Zhob	02
Khyber Pakhtunkhwa	
Kakul	180
Saidu Sharif	110
Phulra	81
Shinkari	55
Oghi	52
Malam Jabba	50
Balakot	39
Domel	36
Buner	33
Daggar	29
Lower Dir	20
Chakdara	19
Upper Dir	06
Parachinar	08
Mir Khani	06
Besham	05
Pattan	01
Gilgit Baltistan	
Bagrote	06
AJ&K	
Palandri	111
Kotli	47
Barnala	32

14/7

Hajira	31
Bandi Abbaspur	28
Chakothi	26
Panjera	22
Chattar Kalas	20
Garhi Dupatta	19
Nauseri	16
Muzaffarabad	13
Brarkot	12
Rawalakot	07
Sindh	
Islamkot	49
Chachro	19
Karachi	17
Nagarparkar	12
Mithi	10
Diplo	06
Thatta	05
Hyderabad, Tando Jam & Badin	03
Chhor	02

