

MOST IMMEDIATE / BY FAX

F.1 (E)/2022-NDMA (MW/SITREP)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD



Dated: 13 July 2022

Subject: NDMA Monsoon 2022 Daily Situation Report No 029

NDMA Monsoon 2022 Daily Situation Report No 029 covering period from 1300 hours on 12 July 2022 to 1300 hours 13 July 2022 is enclosed for information /necessary action, please.

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Director (Response)

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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:** Secretary, Ministry of Climate Change, Islamabad
 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
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 Director (Media & IT), NDMA
 PS to Chairman, NDMA



MONSOON 2022 DAILY SITUATION REPORT NO – 029

(Period Covered: 1300 hrs 12 July 2022 – 1300 hrs 13 July 2022)

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

Ser	Province/ Rgn	Daily Incident
a.	AJK	Nothing to Report (NTR)
b.	Balochistan	<u>District Zhob</u> 01x person died due to drowning in flood water.
c.	Khyber Pakhtunkhwa	<u>District Malakand</u> <ul style="list-style-type: none"> • 02x females injured due to house collapse. • 05x houses partially damaged due to heavy rains. • 03x cattle perished due to house collapse. <u>District Nowshera.</u> 01x school partially damaged due to boundary wall collapse.
d.	Punjab	NTR
e.	Sindh	<u>District Koranji.</u> 01x house partially damaged due to roof collapse. <u>District Malir.</u> DC Malir Office informed about 7x deaths (5 males and 2 Children) from 9-11 th July, 2022 (formal report to follow) <i>Ref: PDMA Sindh Sitrep dated 12 July, 2022.</i>
f.	ICT	NTR
g.	Gilgit Baltistan	<u>District Hunza.</u> High water flow diverted route of Batura Nullah Passu.

2. **Cumulative Damages/ Relief Activities (14 June to date)**

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

Province	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	03	01	-	04	04	04	-	08
Bln	19	24	22	65	31	11	07	49
GB	03	04	03	10	04	-	-	04
ICT	01	-	-	01	-	-	-	-
KP	06	10	08	24	11	13	13	37
Punjab	14	06	03	23	36	21	04	61
Sindh	29	-	09	38	03	03	06	12
Total	75	45	45	165	89	52	30	171

b. **Summary of Damages of Infrastructure & Private Properties**

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Houses		Lives Stock
					PD	FD	
AJ&K	-	-	05	-	02	54	741
Balochistan	1km	05	-	-	512	218	436

GB	1 km	-	-	-	20	-	-
ICT	-	-	-	-	-	-	-
KP	-	-	-	-	235	77	142
Punjab	-	-	-	-	02	-	-
Sindh	1 km	-	-	-	10	1	-
Total	3km	05	05	-	781	350	1,319

Note: PD: Partially Damaged, FD: Fully Damaged

Survey of damaged infrastructure is underway and data will be updated on receipt of final reports.

c. **Relief Activities**

(1) **PDMA Balochistan**. 500x Tents, 400x Tarpaulins, 400x Quilts, 400x Mosquito Nets, 400x Jerry Cans, 400x Water Coolers, 400x Gas Cylinders (10kg), 500x Food Packets and 15x Life Saving jackets were issued to flood affected areas of District Zhob, Kacchi, Pishin, Qilla Saifullah, Zhob and Sohbatpur by PDMA Balochistan.

(2) **SDMA AJ&K**. 56x Tents, 16x Plastic Mates, 88x Plastic sheets, 11x mattresses, 09x Kitchen sets, 18x shawls, 09x water gallons, 35x medicine kits and 35x food Packs were issued to affected areas of District Neelum, Jhelum Valley and Muzaffarabad by SDMA.

d. **Relief Camps Established**. NTR

e. **Rehabilitation Activities**.

(1) **District Hunza**. 01x wheel excavator and 01x dumper are deployed on to divert water course of Batura Nullah to its original path for protection of KKH.

(2) **District Ghizer**. Damage assessment of floods at Sherqillah, Thoi Yasin and Japuky are in progress.

f. **Rescue Activities**

(1) **District Zhob**. 01x dead body recovered by DDMA from district Zhob, which was missing during flash floods.

g. **Aviation Activities**. PDMA Balochistan sent Relief Items (100 Food Packets) through Helicopter (Air Drop) to Qamar-Din Karaiz district Zhob.

3. **River Discharges**. All the Major Rivers are flowing below "Flood Limits". Details of river discharges are attached as ***Annex A***.

4. **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	1486.00	2.565	64	3.415
b.	Mangla	1,242.00	7.356	1124.15	0.896	117.85	6.46
c.	Chashma	649.00	0.278	649.00	0.278	00	00
Total Storage				- 13.516 (MAF)			
Total Storage till 13 July, 2022				- 3.739 (MAF)			
Remaining Storage				- 9.875 (MAF)			

Reference: Federal Flood Commission

5. **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 and Peshawar, Kohat, Bannu, DI Khan, Rawalpindi, Sargodha, Gujranwala, Lahore, DG Khan & Kalat Divisions. Isolated thunderstorm/rain is expected over South & Southeast Sindh, rest of Balochistan along with Faisalabad, Sahiwal, Multan & Bahawalpur Divisions.
6. **Rainfall Last 24 Hours.** Attached as **Annex B.**
7. **Weather Advisory / Press Release.** In response to PMD Weather Forecast, NDMA has issued weather advisory to all concerned on 12th July 2022, that monsoon currents from the Bay of Bengal are continuously penetrating Upper & Central Parts of the Country, while another Strong Monsoon Low Pressure Area is likely to approach Sindh on 14 July (Thursday), under the influence of this system, following is expected: -
 - a. **Islamabad Capital Territory.** More Intermittent Rain-wind/ thundershowers with isolated heavy falls expected in Islamabad from 13-15 July (Wednesday-Friday).
 - b. **Balochistan.** More Widespread Intermittent Heavy to Very Heavy Rain-wind / Thundershowers expected in Awaran, Barkhan, Bolan, Dera Bugti, Jaffarabad, Jhalmagsi, Kalat, Khuzdar, Kohlu, Lasbela, Loralai, Naseerabad, Panjgur, Pasni, Sibbi, Turbat, Zhob and Ziarat from 14-17 July (Thursday-Sunday).
 - c. **Khyber Pakhtunkhwa.** More Intermittent Rain-wind / Thundershowers with isolated heavy falls expected in Abbottabad, Bannu, Haripur, Kohat, Kohistan, Kurram, Lakki Marwat, Mansehra, Mardan, Nowshera, Peshawar, Swabi and Swat from 13-15 July (Wednesday-Friday).
 - d. **Punjab.** More Intermittent Rain-wind / Thundershowers with isolated heavy falls expected in Attock, Bahawalnagar, Bahawalpur, Bhakkar, Chakwal, Dera Ghazi Khan, Faisalabad, Gujranwala, Gujrat, Hafizabad, Jhang, Jhelum, Khanpur, Lahore, Layyah, Mandi Bahauddin, Mianwali, Multan, Murree, Narowal, Okara, Rahim Yar Khan, Rajanpur, Rawalpindi, Sahiwal, Sargodha, Shekhupura and Sialkot from 13-15 July (Wednesday-Friday).
 - e. **Sindh.** More Widespread Intermittent Heavy to Very Heavy Rain-wind / Thundershowers expected in Badin, Dadu, Ghotki, Hyderabad, Jacobabad, Jamshoro, Kashmore, Karachi, Larkana, Mirpurkhas, Mithi, Naushero Feroze, Sanghar, Shaheed Benazirabad, Qambar Shahdadkot, Shikarpur, Sukkur, Tharparkar, Thatta and Umerkot from 14-17 July (Thursday-Sunday)
 - f. **Azad Jammu & Kashmir.** More Intermittent Rain-wind / Thundershowers with isolated heavy falls expected in AJ&K from 13-15 July (Wednesday-Friday).
8. **Flood Warning / Alert.** No Flood Situation is observed in any of the Major Rivers.

Under the influence of forecasted wet spell during 9th to 10th July 2022, flows are likely to increase in Rivers Ravi, Chenab, Jhelum (Mangla upstream) and Kabul. Flows are also likely to increase in the associated Nullahs of Rivers Ravi and Chenab from 9th to 11th July 2022. Light to Moderate Flooding is also expected in the Hill Torrents of DG Khan Division along with Tributaries of River Kabul during the same period. **Reference:** FFD Bulletin No. A-024/22 dated 8th July, 2022.

9. **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) 07-07-2022	Current level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	1.065	1562.97	Not Available	Not Available
b.	Pong Dam River Beas	1390	4.991	0.589	1299.67	Not Available	Not Available
c.	Thein Dam River Ravi	1732	1.900	0.622	1653.69	Not Available	Not Available

Reference: Ministry of Water Resources, Office of PCIW report dated 07 July, 2022

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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	217.0	135.3	180-215	Below Low	650
	Kalabagh	950	201.9	194.4	No significant change	-do-	650
	Chashma	1,000	254.6	249.2	240-270	Low	650
	Taunsa	1,000	201.5	175.6	No significant change	Below Low	650
	Guddu	1,200	156.2	123.0	-do-	-do-	700
	Sukkur	900	100.1	59.1	-do-	-do-	700
	Kotri	875	19.3	0.4	-do-	-do-	650
River Kabul	Nowshera	540	68.9	68.9	50-65	Low	200
River Jhelum	Mangla	1,060	29.0	21.4	50-80	-do-	225
	Rasul	850	10.8	0.0	No significant change	Below Low	225
River Chenab	Marala	1,100	70.6	43.6	80-120	Low	400
	Khanki	1,100	47.8	41.5	No significant	Below Low	400
	Qadirabad	900	49.9	27.9	-do-	-do-	400
	Trimmu	875	56.5	41.2	-do-	-do-	450
	Punjnad	865	24.1	14.3	-do-	-do-	450
River Ravi	Jassar	275	5.3	5.3	-do-	-do-	150
	Shahdara	250	13.3	13.3	-do-	-do-	135
	Balloki	380	32.3	5.4	-do-	-do-	135
	Sidhnai	150	13.8	2.0	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.0	0.0	-do-	-do-	50
	Sulemanki	325	14.3	2.6	-do-	-do-	175
	Islam	300	0.5	0.0	-do-	-do-	175

Note. All data in Thousands of Cusecs

SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS

Stations	Rainfall (mm)
Punjab	
Islamabad	(A/P 140, Saidpur 71, Bokra 59, Golra 44 & Zero Point 41)
Rawalpindi	(Chaklala 87 & Shamsabad 53)
Kasur	28
Lahore	(A/P 12)
Murree	09
Faisalabad	06
Attock, Fort Munro	05
Chakwal	03
Jhang, T.T Singh	02
Bahawalpur (A/P), Mangla	Trace
Kashmir	
Chattar Kalas	03
Bandi Abbaspur	25
Rawalakot	06
Garhidupatt a	04
Chakothei, Harman	02
Muzaffarab ad	(City 01)
Khyber-Pakhtunkhwa	
Upper Dir	04
Pattan	02
Kakul, Bacha Khan (A/P)	01
Peshawar	(City) Trace
Khaar- Bajaur	Trace
Sindh	
Badin	01
Padidan	Trace
Balochistan	
Lasbella	01
Gilgit-Baltistan	
Gupis	01
Bagrote, Chillas, Gilgit	Trace