



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



Dated: 26<sup>th</sup> August 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 074**

NDMA Monsoon 2022 Daily Situation Report No 074, covering period from 1300 hours on 25<sup>th</sup> August 2022 to 1400 hours 26<sup>th</sup> August 2022 is enclosed for information / necessary action, please.

**(Muhammad Ali Khan)**  
**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  
 Director (Ops), Air Headquarters, Islamabad  
 Deputy Commissioner, Islamabad  
 Principal Information Officer, Press Information Department, Islamabad

ID: APS to Member (Ops), NDMA  
 APS to Member (A&F), NDMA  
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 Director (Logistics), NDMA  
 Director (R&R), NDMA  
 Director (Implementation), NDMA  
 Director (P&IC), NDMA  
 Director (Admin), NDMA  
 Director (Finance), NDMA  
 Director (Media & IT), NDM  
 APS to Chairman, NDM

1. **Deaths/ Injured**a. **Last 24 Hours**

Province /Region	Deaths				Injured				Remarks
	M	F	C	T	M	F	C	T	
AJ&K				0	1			1	Due to torrential rain in Neelum
Balochistan				0		1		1	Due to Roof Collapse
GB				0				0	NTR
ICT				0				0	
KP	5	2	3	10	7	4	2	13	<b>Deaths</b> <ul style="list-style-type: none"> <li><b>Due to flash flood</b></li> <li>1x Male in U.Dir</li> <li>1x Male in Swat</li> <li>1x Child in Kurram</li> <li><b>Due to Roof Collapse</b> <ul style="list-style-type: none"> <li>1x Male &amp; 1x female in Lakki Marwat</li> <li>1x male &amp; 1x child in DI Khan</li> <li>1x Male in U. Kohistan</li> <li>1x Female 1x child in S. Waziristan</li> </ul> </li> </ul> <b>Injured</b> <ul style="list-style-type: none"> <li>1x Male due to land slide in U. Chitral</li> <li>2x Females due to flash flood in U. Dir</li> <li><b>Due to Roof Collapse</b> <ul style="list-style-type: none"> <li>6x Males &amp; 1x female in DI Khan</li> <li>1x female &amp; 2x children in S.Waziristan</li> </ul> </li> </ul>
Punjab	2			2				0	<b>Deaths.</b> 2x Males drowned in flood water at following locations:- <ul style="list-style-type: none"> <li>1x in Rajanpur</li> <li>1x in DG Khan</li> </ul>
Sindh	-	-	-	33	61	28	9	98	<b>Deaths.</b> 33x deaths have been added by PDMA making a total of 339x persons. Segregated data of only 271x persons is provided & data of 68 x persons is to be confirmed by PDMA Sindh; Details to follow.
<b>Total</b>	<b>7</b>	<b>2</b>	<b>3</b>	<b>45</b>	<b>69</b>	<b>33</b>	<b>11</b>	<b>113</b>	

b. **Cumulative Deaths and Injured (14 June to date)**

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	24	13	0	<b>37</b>	15	6	0	<b>21</b>
Balochistan	110	55	69	<b>234</b>	55	12	35	<b>102</b>
GB	2	4	3	<b>9</b>	1	0	3	<b>4</b>
ICT	1	0	0	<b>1</b>	0	0	0	<b>0</b>
KP	60	38	97	<b>195</b>	87	65	98	<b>250</b>
Punjab	86	42	39	<b>167</b>	54	36	15	<b>105</b>
Sindh	117	46	108	<b>339@</b>	549	239	186	<b>974</b>
<b>Total</b>	<b>400</b>	<b>198</b>	<b>316</b>	<b>982@</b>	<b>761</b>	<b>358</b>	<b>337</b>	<b>1456</b>

@ Note. Segregated data of 68 x persons is to be confirmed by PDMA Sindh

2. **Damages of Infrastructure & Private Properties**a. **Last 24 Hours**

Province /Region	Roads (km)	Bridges	Shops	Houses			Live-stock
				PD	FD	Total	
AJ&K				21	1	22	2
Balochistan				1175	896	2071	
GB						0	
ICT						0	
KP				1334	1725	3059	152
Punjab	79	4		771	985	1756	-247
Sindh				21	4882	4903	8681
<b>TOTAL</b>	<b>79</b>	<b>4</b>	<b>0</b>	<b>3322</b>	<b>8489</b>	<b>11811</b>	<b>8588</b>

**Note:** PD- Partially Damaged, FD- Fully Damaged

b. **Cumulative Report (14 June to date)**

Province /Region	Roads (km)	Bridges	Shops	Houses			Livestock
				PD	FD	Total	
AJ&K	0	0	17	175	256	431	772
Balochistan	710	18	0	21395	8423	29818	500000
GB	2	52	0	257	383	640	0
ICT	0	0	0	0	0	0	0
KP	6.5	7	0	8791	10037	18828	958
Punjab	115	12	60	29722	16590	46312	202593
Sindh	2328	60	45	395080	191030	586110	98260
<b>TOTAL</b>	<b>3161.5</b>	<b>149</b>	<b>122</b>	<b>455420</b>	<b>226719</b>	<b>682139</b>	<b>802583</b>

3. **Road Situation**

Province/ Rgn Wise	No of Road	Details of Road Network	Cause of Blockage	Restoration Status	Machinery/ Manpower Deployed
AJ&K	1	Azad Pattan	Landslide	In Progress	Yes
Balochistan	4	N-25 Qta- Karachi	Lunda Bridge washed away	In progress	Yes
		M8	Land sliding		
		N-50 Zhob - DI Khan	Land sliding		
		N-70 Loralai - DG Khan	Land sliding		
GB	4	Naltar Road at Torbat Nullah	Flash Flood	In progress	Yes
		Hisper Valley Road			
		Ghizer – Shandoor road			
		Babusar road			

Province/ Rgn Wise	No of Road	Details of Road Network	Cause of Blockage	Restoration Status	Machinery/ Manpower Deployed
ICT			NTR		
KP	3	KKH at Achar Nullah	Land sliding/ torrential Rain	In progress	Yes
		N- 90 Khwazakhela to Besham Road			
		N-15 MNJC road at Jalkhad			
Punjab	1	N-55 Fazilpur – Rajanpur	Breached due to flooding	In progress	Yes
Sindh			NTR		

#### 4. Railway Tracks Situation

Province/ Rgn Wise	Details of Track Network	Cause of Blockage
Balochistan	Quetta - Sibbi	Bibi Nani bridge washed away
	Sibbi – Habib Kot	Track submerged due to flood water
	Quetta - Taftan	Bridge washed away
Sindh/Punjab	Rohri- Multan	Track Submerged due to flood water
Sindh	Laki Shah Sharif- Sewan Sharif	Land sliding

5. Joint Survey/ Damage assessment Flood Affected Areas. Joint survey teams of NDMA have reached follow locations:-

- a. Quetta along with a provincial coordination team.
- b. Pishin.
- c. Loralai.
- d. Jaffarabad.
- e. Sohbatpur.
- f. Dukki.
- g. Nasirabad.
- h. Sibi.

#### 6. Rescue & Relief Operations Since 14 June 2022

Province/ Rgn Wise	No of affected District	Affected Population	No of Person Rescued	Persons in Relief Camp
AJ&K	10	5500	300	0
Balochistan	34	360,000	600	7,000
GB	9	5120	50	180
KP	33	50,000@	2015	1000
Punjab	8	445083	45966	4894
Sindh	16	4,902,360	0	485759
<b>Total</b>	<b>110</b>	<b>5,768,063</b>	<b>48931</b>	<b>498,833</b>

@ To be updated: details to follow.

7. **Relief Provided by NDMA**

S No	Province	Tent	Tarpaulin	Mosquito Nets	Blanket	Hygiene Kits	Kitchen Set	Food Packs	First Aid Kit	Generator	Chemical Spray Machine	Jerry Can	Sleeping Bag	De-watering Pumps	Life Saving Jacket
1	AJ&K	450	300	-	750	-	200	-	500	-	-	-	-	-	-
2	BLN	8179	18400	19048	13500	3000	3200	12500	5000	85	140	8000	1000	84	200
3	GB	550	700	-	500	-	400	-	700	-	-	-	-	-	-
4	ICT	15	15	-	-	-	-	-	-	-	-	-	-	2	-
5	KP	1400	1400	1200	900	1150	1200	1000	500	6	-	1000	-	6	-
6	PB	1650	1500	1500	1000	500	500	1400	500	-	-	1000	-	20	50
7	SINDH	15596	13555	10748	1000	1500	1750	14500	3000	15	20	2000	-	95	100
<b>TOTAL</b>		<b>27840</b>	<b>35870</b>	<b>32496</b>	<b>17650</b>	<b>6150</b>	<b>7250</b>	<b>29400</b>	<b>10200</b>	<b>106</b>	<b>160</b>	<b>12000</b>	<b>1000</b>	<b>207</b>	<b>350</b>

8. **Relief Provided by PDMA**

Item	Tents	Blankets/ Quilt/ Sleeping Bags	Net Mosquito/ animal	Tarpaulin	Plastic Mats	Jerry Cane	Water tank/ Bottle/	Water Tanks/ filter	Water Cooler	Food Packs	Cooked Food	Gas Cylinders	Kitchen Set	First aid kits	Hygiene kit	Life Saving Jackets	Beds/ Chapai and accessories	Boats	De-watering pumps
AJ&K	1000	1519	0	161	1231	750	9	0	0	35	0	0	241	350	0	0	339	0	0
Bln	28920	13036	18636	21416	7606	8450	31050	131	10300	38042	0	9016	8026	666	3250	207	100	6	26
GB	746	447	0	126	600	0	0	1	0	611	0	0	137	0	0	0	372	0	0
KP	1447	503	653	497	722	125	0	0	0	818	0	119	885	0	645	0	403	0	0
Punjab	23058	3190	9050	0	12410	0	3690	0	0	53650	2686	0	0	0	0	0	0	0	0
Sindh	88,880	0	160851	30710	1950	11,380	39	0	110	32442	45	0	8110	0	0	150	3820	34	159
<b>Total</b>	<b>144,051</b>	<b>18695</b>	<b>189190</b>	<b>52910</b>	<b>24519</b>	<b>20,705</b>	<b>34788</b>	<b>132</b>	<b>10410</b>	<b>125598</b>	<b>2731</b>	<b>9135</b>	<b>17399</b>	<b>1016</b>	<b>3895</b>	<b>357</b>	<b>5034</b>	<b>40</b>	<b>185</b>

9. **Relief Provided by Humanitarian Agencies**(a) **Last 24 hours.**

S no	Province	District	Relief Items	Quantity	Organization
1	Sindh	Dadu	Cooked Food (No.)	40	Helping Hands for Relief and Development
			Drinking Water (HH)	40	
		Hyderabad	Cooked Food (No.)	45	
			Drinking Water (HH)	45	
		Mirpur Khas	Cooked Food (No.)	35	
			Drinking Water (HH)	50	
		S. Benazirabad	Cooked Food (No.)	30	
			Drinking Water (HH)	72	
2	Punjab	Rajanpur	Cooked Food (No.)	60	
			Drinking Water (HH)	60	
			NFIs (No.)	80	
			Cooked Food (No.)	40	
				250	Muslim Hands

(b) **Cumulative Relief by Humanitarian Agencies**

S#	Relief Items	Punjab	Sindh	KP	Bltn	AF	Total	Mjr cont
1	Food Packs (No.)	1,602	1,803	1,400	26,841*	36,413	68,059	KS Relief, Nestle Pk, WHO, KORT, PRCS, Penny Appeal, Helping Hands (HHRD), IRC, IRP, Muslim Hands, Muslim Aid, UAE Red Crescent, Armed Forces, UNHCR
2	Cooked Food (No.)	18,804	9,730	2,250	3,710	-	34,494	
4	Drinking Water (Litre)	18,041	2,463	300	71,390	39,120	131,314	
5	Tents (No.)	-	635	-	1,878*	4,150	6,163	
6	Shelter Kits (No.)	-	-	-	1,800	-	1,800	
7	Dewatering Pumps (No.)	3	5	-	-	-	8	
8	Water Filtration / Purification Plant(No.)	-	-	2	6	2	10	
9	Hygiene Kits (No.)	160	650	900	5,887*	-	7,597	
10	Medical Support (Persons)	871	2,482	989	10,603	29,336	44,281	
11	Medicine (No.)	-	-	-	134,691	-	134,691	
12	Aqua Tabs (No.)	-	-	-	200,000	-	200,000	
13	Jerry Cans (No.)	-	100	1,800	-	-	1,900	
14	NFIs (No.)	609	652	695*	4,516*	-	6,392	
15	Cash (Beneficiaries)	2,000	-	-	8,840	-	10,840	

\* Includes 540 tents, 874 NFI kits, 240 dignity kits &amp; 500 food packs for Afghan Refugees

10. **Dams and Reservoirs Levels**

Reservoirs	Max Conservation Level & Storage		Today's Level		Remaining Level & Storage	
			Current Level & Storage			
	Feet	(MAF)	Feet	(MAF)	Feet	(MAF)
Tarbela	1,550.00	5.827	1550	5.827	Nil	Nil
Mangla	1,242.00	7.356	1180.30	3.190	61.7	4.166
Chashma	649.00	0.278	642.0	0.058	7	0.22

MAF - Million Acre Feet

**Authority:** FFC's Daily Weather & Flood Situation Report dated 25<sup>th</sup> August 2022.11. **Flood Alert / River Flows.**

- River Indus at Guddu & Sukkur and River Kabul at Nowshera are in High Flood Level, River Indus at Taunsa & Kotri is in Medium Flood Level and at Tarbela, Kalabagh & Chashma is in low Flood Level.
- (WARNING) VERY HIGH and Above level flooding is expected in River Kabul at Nowshera (up to 300,000 cusecs) and Tributaries of Rivers Kabul & Indus during next 48-hours.
- Severe Flash Flooding is likely to continue in Rivers/Nullahs of Balochistan during next 24-hours.
- Low to Medium Level Flooding is expected in the Hill Torrents of DG Khan Division during next 24-hours

Structures	Designed Capacity	Historic Peak Floods experienced to-date*		Last Year Flow		Today Actual Flow with Flood Classification			Comparative Danger (VHF)
		Discharge	Date	Inflow	Outflow	Inflow	Outflow	Flood Classification*	
<b>River Indus</b>									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	154,000	143,000	320,000	328,000	Low Flood (R)	650,000
• Kalabagh	950,000	950,000	14-7-1942	155,000	148,000	286,000	282,000	Low Flood (R)	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	166,000	152,000	345,000	327,000	Low Flood (R)	650,000
• Taunsa	1,000,000	959,991	02-8-2010	135,000	116,000	506,000	506,000	High Flood (R)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	99,000	73,000	505,000	505,000	High Flood (S)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	75,000	28,000	576,000	576,000	High Flood (S)	700,000
• Kotri	875,000	981,000	14-8-1956	28,000	NIL	310,000	310,000	Med. Flood (R)	650,000
<b>River Kabul</b>									
• Warsak	540,000	450,000	29-07-2010		16,000		106,000	High Flood(R)	200,000
• Nowshera	0	0					154,000	Very High Flood (R)	200,000
<b>River Swat</b>									
• Chakdara Bridge		360,000	30-07-2010				224,000	Very High Flood(R)	150,000
• Munda (H. Works)	150,000	355,000	29-07-2010				69,000	Med. Flood (R)	150,000
• Charsadda Road	0	360,000	30-07-2010				49,000	Low Flood (R)	100,000
<b>River Jhelum</b>									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	22,000	34,000	45,000	12,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	28,000	12,000	7,000	NIL	Normal	225,000
<b>River Chenab</b>									
• Marala	1,100,000	1,100,000	26-8-1957	57,000	21,000	66,000	38,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	28,000	20,000	57,000	50,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	26,000	6,000	57,000	37,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	24,000	8,000	55,000	41,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	11,000	NIL	58,000	52,000	Normal	450,000
<b>River Ravi</b>									
• Jassar	275,000	680,000	05-10-1955		3,000		17,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		20,000		25,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	33,000	4,000	42,000	15,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	16,000	NIL	22,000	10,000	Normal	90,000
<b>River Sutlej</b>									
• Suleimanki	325,000	598,872	08-10-1955	16,000	2,000	18,000	7,000	Normal	175,000
• Islam	300,000	492,581	11-10-1955	1,000	NIL	4,000	3,000	Normal	175,000

**Authority:** FFC Daily Weather & Flood Situation Report dated 25<sup>th</sup> August 2022.

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

Ser	Dam	Full Reservoir Level	Live Storage Capacity at FRL	Current Live Storage (MAF)	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	3.636 (18 <sup>th</sup> Aug)	1659.44 (26 <sup>th</sup> Aug)	36,747 (26 <sup>th</sup> Aug)	23,813 (26 <sup>th</sup> Aug)
b.	Pong Dam River Beas	1390	4.991	3.359 (18 <sup>th</sup> Aug)	1381.41 (26 <sup>th</sup> Aug)	31,680 (26 <sup>th</sup> Aug)	17,502 (26 <sup>th</sup> Aug)
c.	Thein Dam River Ravi	1732	1.900	1.62 (18 <sup>th</sup> Aug)	1718.26 (18 <sup>th</sup> Aug)	Not Available	Not Available

**Authority:** Ministry of Water Resources, Office of PCIW report of 25<sup>th</sup> August 2022.

13. **Summary Pre- Monsoon and Monsoon Spells Till 26<sup>th</sup> Aug 22**

Provinces/ Region	30 Years Average (mm)	Rainfall Monsoon-22 (mm)	Departure (%)
Pakistan	132.3	385.4	191.31
AJ&K	366.2	376	2.68
Balochistan	59.6	306.3	413.93
Gilgit Baltistan	36.5	77.7	112.88
Khyber Pakhtunkhwa	235.6	335.8	42.53
Punjab	215.8	419.7	94.49
Sindh	120.4	689.2	472.43

14. **Rainfall Last 24 Hours**

Stations	Rainfall (mm)
<b>Khyber-Pakhtunkhwa</b>	
Dir	(Upper 90, Lower 80)
Kalam	72
Mir Khani	55
Malam Jabba	54
D I Khan (City)	51
Drosh	43
Chitral	32
Balakot	28
Saidu Sharif	27
Pattan & Tirah Khyber	25
Parachinar	19
Kakul	18
Buner	16
Ghalanai, Mohmand Dam & Khar Bajaur	15
Pashat Bajaur	14
Mardan	13
Mamad Gut	11
Cherat	08
Bacha Khan (A/P)	07
Landi Kotal	06
Bannu & Peshawar City	05
<b>Punjab</b>	
Bhakkar	71
Joharabad	48
Kot Addu	47
D G Khan	(Fort Munro 44, City 10, Vehova 05 & Zain Sanghar Nullah Trace)
Karor (Layyah)	38



Multan	(A/P 32 & City 26)
Hafizabad	29
Khanewal	25
Jhang	21
Murree	18
Rawalpindi	(Chaklala 14, Shamsabad 12 & Kachehri 08)
Sargodha	08
Islamabad	(Saidpur, Z/P 07, Bokra 04, Golra 03 & A/P 02)
Noor Pur Thal	06
Okara	04
Gujranwala & Mangla	03
Khanpur, Rajanpur (Bhandu Wala), Chakwal & R Y Khan	01
Sialkot	(City 01 & A/P Trace )
Sahiwal & Attock	Trace
Bahawalpur	(A/P & City Trace)
<b>Balochistan</b>	
Sibbi	69
Ziarat	41
Muslim Bagh	20
Pishin	17
Chaman	03
<b>Sindh</b>	
Mohenjodaro	38
Padidan	24
Chhor	18
Dadu	16
Larkana	14
Jacobabad	12
Sukkur	10
Tando Jam	06
Tharparkar	(Chachro 05, Daheli & Islamkot 04)
Rohri	04
Sakrand & Khairpur	02
Mir Pur Khas & Badin	01
<b>Kashmir</b>	
Chattar Kalas	20
Garhi Dupatta & Haraman	18
Muzaffarabad	(City 16 & A/P 12)
Chakothe	08
Rawalakot	06
Dhulli	05
Bandi Abbaspur	01
<b>Gilgit-Baltistan</b>	
Babusar	19
Bagrote & Gupis	17
Astore	14
Gilgit	12
Hunza	10
Chilas	04
Bunji	02
Skardu	01

**Authority:** PMD Daily Weather & Flood Situation Report dated 26<sup>th</sup> August 2022.

15. **Weather Forecast for next 24 hours by PMD.**

- Scattered to Widespread thunderstorm/rain of heavy intensity with isolated very heavy falls is expected over the Upper catchments of Rivers Kabul and Indus.
- Scattered thunderstorm/rain of moderate intensity with isolated heavy falls is expected over the upper catchments of Rivers Jhelum, Chenab, Ravi & Sutlej along with Eastern Balochistan, Islamabad and DG Khan, DI Khan, Kohat, Bannu, Peshawar, Rawalpindi, Gujranwala, Sargodha, Bahawalpur & Larkana Divisions.
- Isolated thunderstorm/rain of light to moderate intensity is expected over rest of the country except Western Balochistan.

16. **Weather Alert / Advisory / Press Release**

- Met Office informed that according to Latest Hydro-Meteorological conditions and releases from TARBELA Dam, River Indus at KALABAGH & CHASHMA may attain HIGH TO VERY HIGH Flood Level ranging between 5,50,000 Cusecs to 7,00,000 Cusecs from 1200 PST of 27-08-2022 to 1200 PST of 28-08-2022.
- In view of the above situation, all concerned Authorities are advised to remain ALERT and take all necessary precautionary measures well in time to avoid loss of life and property.



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