



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

Dated: 31th August 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 079**

NDMA Monsoon 2022 Daily Situation Report No 079, covering period from 1300 hours on 30th August 2022 to 1400 hours 31st August 2022 is enclosed for information / necessary action, please.

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Cc: Secretary, Ministry of Climate Change, Islamabad
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 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, CMU, MoFA, Islamabad
 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
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 Military Operation Directorate (MO-4), GHQ, Rawalpindi
 Arms Branch, Engineers Directorate, GHQ, Rawalpindi
 Director (SOF & Marines), Naval Headquarters, Islamabad
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 Deputy Commissioner, Islamabad
 Principal Information Officer, Press Information Department, 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), NDM
 APS to Chairman, NDM
 APS to COS, ERRA

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

Province /Region	Deaths				Injured				Remarks
	M	F	C	T	M	F	C	T	
AJ&K				0				0	NTR
Balochistan	4			4	27	21	6	54	Deaths • 1x Male in Loralai • Details of 3x Males to follow
GB				0				0	NTR
ICT				0				0	
KP	7			7	6			6	Deaths • 5x Males due to flash flood in U-Dir • Due to House Collapse • 1x Male in DI Khan • 1x Male in S-Waziristan Injured • 6x Males in U-Dir due to flash flood
Punjab	1			1				0	1x Male in Layyah
Sindh	4 [^]	1	8 [^]	15 [*]	17	8	2	27	Deaths • 2x Males & 1x Female died due to roof collapse Sanghar • 1x Male died due to drowning in stagnant water in Sanghar • 1x Male died due to drowning in Indus River in Dadu • 7x Children died in Kashmore • 1x Child in MPK * Segregated data of 2x persons is to be confirmed by PDMA ^Data Conciliation • Death figures of 3 x males is re-categorized as children • Death figures of 2x Children have been added
Total	16	1	8	27*	50	29	8	87	

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

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	27	14	0	41	15	6	0	21
Balochistan	121	59	73	253	86	35	43	164
GB	5	11	6	22	2	0	3	5
ICT	1	0	0	1	0	0	0	0
KP	122	36	106	264	128	75	124	327
Punjab	91	56	41	188	1337	505	181	2023
Sindh	155	70	173	422@	634	265	202	1101
Total	522	246	399	1191@	2202	886	553	3641

@ Segregated data of 24 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				2	3	5	18
Balochistan						0	
GB						0	
ICT						0	
KP				17981	3124	21105	239
Punjab						0	0
Sindh				3018	45310	48328	1078
TOTAL	0	0	0	21001	48437	69438	1335

Note: PD- Partially Damaged, FD- Fully Damaged

Data has been reconciled by PDMA.

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

Province /Region	Roads (km)	Bridges	Shops	Houses			Livestock
				PD	FD	Total	
AJ&K	0	0	20	197	283	480	790
Balochistan	1000	18	0	44110	17608	61718	500000^
GB	16	65	8	432	503	935	0
ICT	0	0	0	0	0	0	0
KP	1589	84	0	42728	30233	72961	9411
Punjab	130	16	100	29730	16590	46320	205104
Sindh	2328	60	45	616339	307606	923945	16513
TOTAL	5063	243	173	733536	372823	1106359	731,818

^Tentatively

3. **Disrupted Roads/ Railway Network**a. **Motorways and National Highways (NHA)**

Province /Region	Roads
Balochistan	M-8: (KM 100 – 140) Land sliding in 24 Km section of Wangu hills
	N-65: Pinjra Bridge (Bolan River) 45 meter span washed out
GB	N-35: Closed due to landslide at Dassu breach. Traffic moving through alternate route of N-15.
KP	N-35: Blocked at 3 locations KM 288 (Mata Banda Zaid Khad Nala)
	N-95: (Madyan) Blocked at following locations:- • Behrain - Laikot (27 km) • Laikot – Kalam (8km)
	N-50: Blocked at km 486 all types of traffic at Saggu Bridge.
	N-55: Kotri – Larkana – DG Khan – DI Khan – Kohat – Peshawar Road is blocked for all types of traffic at Paroa (near DI Khan)

Authority: NHA's Daily Road Situation Report dated 31th August 2022.

b. **Railways Network (Pak Railways)**

Province /Region	Pakistan Railways
Balochistan	Quetta to Taftan
Balochistan – Sindh	Quetta to Sibbi to Habibkot
Punjab- Sindh	Hayderabad to Rohri to Multan
Sindh	Kotri to Lakhi Shah to Dadu

4. **Joint Survey/ Damage assessment Flood Affected Areas.** 20 x Teams Reached Respective Destinations: (Quetta(2), Pashin, Loralai, Dhuki, Jaffarabad, Sohbatpur, Awaran, Lasbela, Gawadar, Qila Saifullah, Ziarat, Qila Abdullah, Musakhel, Kohlu, Barkhan, Khuzdar, Nasirabad, Kachhi & Dera Bugti)

5. **Summary of Pakistan Armed Forces Flood Relief Efforts**

Armed Forces	Tents	Flood Packs	Ration Distributed (Ton)	Water (Liters)	Free Medical Camp	Patients Treated	Relief Camp	Aerial Efforts		
								C-130	Heli Sorties	No of People Rescued
Army	3,690	1476 (Tons)		20,000	253	23,436	147	-	827	15,000+
Navy	700	51000	227	220820	11	10860	-	-	9	7922
Air Forces	725	72491	144926	79846	29	14522	41	44	41	1184

6. **Calamity Hit Districts & Population**

Province/ Rgn Wise	Calamity Hit Notified District	Affected Population	Recued Population	Population in Camps
AJ&K	0	53,700	300	0
Balochistan	31	9,182,616	600	7,000
GB	6	51,500	50	180
KP	17	4,350,490	45,362	61,534
Punjab	3	4,844,253	71,935	15,592
Sindh	23	14,563,770	0	383,724
Total	80	33,046,329	118,247	468,030

7. **Dams and Reservoirs Levels**

Reservoirs	Max Conservation Level & Storage		Today's Level		Remaining Level & Storage	
	Feet	(MAF)	Current Level & Storage		Feet	(MAF)
			Feet	(MAF)		
Tarbela	1,550.00	5.827	1550	5.827	Nil	Nil
Mangla	1,242.00	7.356	1186.15	3.514	55.25	3.842
Chashma	649.00	0.278	642	0.058	7	0.22

MAF - Million Acre Feet

Authority: FFC's Daily Weather & Flood Situation Report dated 31st August 2022.

8. **Flood Alert / River Flows.**

- River Indus at Taunsa, Guddu & Sukkur and River Kabul at Nowshera are in high flood level.
- River Indus at Chashma & Kotri is in medium flood level.
- River Indus at Kalabagh is in low flood level.

Structures	Designed Capacity	Historic Peak Floods experienced to-date*		Last Year Flow		Today Actual Flow with Flood Classification			Comparative Danger (VHF) Classification
		Discharge	Date	Inflow	Outflow	Inflow	Outflow	Flood Classification*	
1	2	3	4	5	6	7	8	9	10
River Indus									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	144,000	95,000	194,000	211,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	160,000	153,000	304,000	299,000	Low Flood (F)	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	179,000	164,000	463,000	445,000	Med Flood (F)	650,000
• Taunsa	1,000,000	959,991	02-8-2010	158,000	138,000	603,000	603,000	High Flood (S)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	111,000	84,000	519,000	519,000	High Flood (R)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	68,000	27,000	530,000	530,000	High Flood (F)	700,000
• Kotri	875,000	981,000	14-8-1956	27,000	NIL	380,000	377,000	Med Flood (R)	650,000
River Kabul									
• Warsak	540,000	450,000	29-07-2010		20,000		48,000	Low Flood (R)	200,000
• Nowshera					22,000		117,000	High Flood (F)	200,000
River Swat									
• Chakdara Bridge		360,000	30-07-2010		9,000		20,000	Normal	150,000
• Munda (H. Works)	150,000	355,000	29-07-2010		3,000		21,000	Normal	150,000
• Charsadda Road		360,000	30-07-2010		5,000		20,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	14,000	30,000	32,000	9,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	29,000	8,000	6,000	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	44,000	9,000	61,000	33,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	11,000	4,000	39,000	31,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	25,000	3,000	38,000	18,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	30,000	14,000	41,000	29,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	12,000	NIL	42,000	32,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		4,000		6,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		19,000		15,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	33,000	5,000	36,000	8,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	16,000	NIL	22,000	7,000	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	16,000	2,000	19,000	7,000	Normal	175,000
• Islam	300,000	492,581	11-10-1955	1,000	NIL	8,000	6,000	Normal	175,000

Authority: FFC Daily Weather & Flood Situation Report dated 31st August 2022.

9. **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	3.966 (25 th Aug)	1663.37	36,681	24,041
b.	Pong Dam River Beas	1390	4.991	4.031 (25 th Aug)	1382.93	21,121	15,804
c.	Thein Dam River Ravi	1732	1.900	1.588 (25 th Aug)	1715.37 (25 th Aug)	Not Available	Not Available

Authority: Ministry of Water Resources, Office of PCIW report of 31st August 2022.

10. **Summary Pre- Monsoon and Monsoon Spells Till 31st Aug 22**

Provinces/ Region	30 Years Average (mm)	Rainfall Monsoon-22 (mm)	Departure (%)
Pakistan	138.1	399.3	189.14
AJ&K	387.6	392.9	1.37
Balochistan	61.2	327.5	435.13
Gilgit Baltistan	40.8	93	127.94
Khyber Pakhtunkhwa	246.3	353.8	43.65
Punjab	226.7	426.8	88.27
Sindh	124	696.4	461.61

11. **Rainfall Last 24 Hours**

Stations	Rainfall (mm)
Kashmir	
Bandi Abbaspur	15
Dhulli	04
Punjab	
Murree	03
Narowal & Bahawalnagar	01
Khyber-Pakhtunkhwa	
Tirah Khyber	02
Balochistan	
Loralai	Trace
Gilgit-Baltistan	
Babusar	Trace
Sindh	
NIL	

Authority: PMD Daily Weather & Flood Situation Report dated 31st August 2022.

12. **Weather Forecast for next 24 hours by PMD.** Mainly dry weather is expected over most parts of the country, however isolated thunderstorm/rain is expected over the upper catchments of all the Major Rivers along with Northeastern Balochistan, Islamabad and DG Khan, DI Khan, Rawalpindi, Gujranwala & Lahore Divisions.


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