



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

Dated: **28th August 2022**Subject: **NDMA Monsoon 2022 Daily Situation Report No 076**

NDMA Monsoon 2022 Daily Situation Report No 076, covering period from 1300 hours on 27th August 2022 to 1400 hours 28th 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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 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
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 Director (P&IC), NDMA
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 APS to Chairman, NDM
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1. **Deaths/ Injured**a. **Last 24 Hours**

Province /Region	Deaths				Injured				Remarks
	M	F	C	T	M	F	C	T	
AJ&K	3	1		4				0	3x Males & 1x Female died due to torrential rain in Neelam
Balochistan	2		2	4		1	1	2	Deaths <ul style="list-style-type: none"> • 2x Males in Mastung • 1x Child in Ziarat • 1x Child in Mastung Injured. 1x Female & 1x Child in Noshki
GB			2	2				0	Deaths. 2x Children died due to flash flood in Ghizer.
ICT				0				0	NTR
KP	9		7	16	7	9	9	25	Deaths <ul style="list-style-type: none"> • Due to Flash Flood <ul style="list-style-type: none"> • 4x Males in Battagram • 1x Male in Kohistan • Due to House Collapse <ul style="list-style-type: none"> • 3x Males & 2 x Children in DI Khan • 1x Male in Bajaur • 3x Children in L.Dir • 1x Child in Lakki Marwat • 1x Child in L.Chatral Injured Due to House C <ul style="list-style-type: none"> • 3x Males in DI Khan • 2x Male in L. Dir • 1x Male in Lakki Murwat • 1x Male in Torghar • 5x Females and 7x Children in S. Waziristan • 4 x Females in Bajaur • 2x Children in Khyber
Punjab				0				0	NTR
Sindh		2		2	15	3	3	21	Deaths Due to House Collapse <ul style="list-style-type: none"> • 1x Female in TAY • 1x Female in N. Feroze
Total	14	3	11	28	22	13	13	48	

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

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	28	14	0	42	15	6	0	21
Balochistan	114	55	73	242	57	14	37	108
GB	3	9	5	17	1	0	3	4
ICT	1	0	0	1	0	0	0	0
KP	101	36	105	242	118	74	115	307
Punjab	87	42	39	168	54	36	15	105
Sindh	136	54	137	349@	580	252	198	1030
Total	470	210	359	1061@	825	382	368	1575

@ Note: Segregated data of 22 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				9	3	12	
Balochistan				0	0	0	
GB		8			-5	-5	
ICT						0	
KP				4779	5152	9931	7505
Punjab	6					0	
Sindh				24904	8171	33075	81
TOTAL	6	8	0	29692	13321	43013	7586

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	185	273	458	772
Balochistan	1000	18	0	43960	17528	61488	500000
GB	2	60	8	257	458	715	0
ICT	0	0	0	0	0	0	0
KP	6.5	7	0	21403	21764	43167	8771
Punjab	121	12	100	29730	16590	46320	202593
Sindh	2328	60	45	596603	244120	840723	15008
TOTAL	3457.5	157	170	692138	300733	992871	727,144

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

Province /Region	Roads
Balochistan	M8 at Wangu Hills
	N65 (Between Kachi and Quetta)
	N25 (At Hub Bridge) Open for light traffic
	N40: QTA to Nushki
GB	N140: Ghizer Road
	N35: KKH – Matta banda near Dassu and at Acharr Nullah

Province /Region	Roads
KP	N95: Madyan to Kalam (Blocked at 6 x locations)
	N50: Saggu Bridge
Punjab	N-55: Fazilpur – Rajanpur (2 x belly bridges being launched)

Authority: NHA's Daily Road Situation Report dated 28th August 2022.

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

Province /Region	Pakistan Railways
Balochistan	Quetta to Taftan
Balochistan - Sindh	Habibkot to Sibbi
Punjab- Sindh	Rohri to Multan
Sindh	Lakhi Shah to Sewan Sharif

4. **Joint Survey/ Damage assessment Flood Affected Areas.** 11x Joint survey teams of NDMA have reached respective locations at; Quetta along with a provincial coordination team, Pishin, Loralai, Dukki, Jaffarabad, Sohbatpur, Nasirabad, Kohlu, Barkhan and Lasbella.

5. **Helicopter/ Aerial Rescue Operations:** Rescue & Relief Operation was undertaken by Armed Forces with 10 x helicopters; 5 in South Punjab, 2 in Balochistan and 3 in KP. 14.7 Tons of rations was delivered and 246 persons were evacuated.

6. **Calamity Hit Districts & Population**

Province/ Rgn Wise	Calamity Hit Notified District	Affected Population
AJ&K	0	53,700
Balochistan	31	9,182,616
GB	6	51,500
KP	9	4,350,490
Punjab	3	4,844,253
Sindh	23	14,563,770
Total	72	33,046,329

7. **Dams and Reservoirs Levels**

Reservoirs	Max Conservation Level & Storage		Today's Level Current Level & Storage		Remaining 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	1183.25	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 28th August 2022.

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

- River Kabul at Nowshera is in very high flood level. River Indus at Chashma, Taunsa & Sukkur is in High Flood Level, River Indus at Kalabagh, Guddu & Kotri is in medium flood level and at Tarbela is in low flood level.
- Very high and above level flooding is likely to continue in River Kabul at Nowshera during next 24- hours.
- River Indus at Kalabagh is likely to attain high flood level, while Chashma is likely to remain in High flood level during next 24 hours.

Structure s	Designed Capacity	Historic Peak Floods experienced to-date*		Last Year Flow		Today Actual Flow with Flood Classification			Comparati ve Danger (VHF) Classificat ion
		Discharge	Date	Inflow	Outflow	Inflow	Outflow	Flood Classificat ion*	
River Indus									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	191,000	157,000	302,000	302,000	Low Flood (R)	650,000
• Kalabagh	950,000	950,000	14-7-1942	183,000	176,000	427,000	423,000	Med Flood (R)	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	206,000	193,000	503,000	502,000	High Flood (R)	650,000
• Taunsa	1,000,000	959,991	02-8-2010	135,000	116,000	516,000	516,000	High Flood (R)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	99,000	73,000	485,000	485,000	Med Flood (F)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	67,000	26,000	562,000	562,000	High Flood (F)	700,000
• Kotri	875,000	981,000	14-8-1956	29,000	NIL	335,000	335,000	Med Flood (R)	650,000
River Kabul									
• Warsak	540,000	450,000	29-07-2010		17,000		126,000	High Flood (F)	200,000
• Nowshera					18,000		307,000	V. High Flood (R)	200,000
River Swat									
• Chakdara Bridge		360,000	30-07-2010		9,000		83,000	High Flood (F)	150,000
• Munda (H. Works)	150,000	355,000	29-07-2010		3,000		120,000	High Flood (S)	150,000
• Charsadda Road		360,000	30-07-2010		3,000		104,000	High Flood (S)	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	16,000	17,000	44,000	9,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	29,000	12,000	6,000	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	65,000	30,000	60,000	33,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	34,000	27,000	45,000	38,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	36,000	14,000	37,000	17,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	20,000	4,000	73,000	61,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	11,000	NIL	60,000	54,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		3,000		10,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		19,000		16,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	34,000	5,000	42,000	15,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	15,000	NIL	21,000	7,000	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	17,000	3,000	21,000	11,000	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 28th 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	3.636 (18 th Aug)	1659.44 (26 th Aug)	36,747 (26 th Aug)	23,813 (26 th Aug)
b.	Pong Dam River Beas	1390	4.991	3.359 (18 th Aug)	1381.41 (26 th Aug)	31,680 (26 th Aug)	17,502 (26 th Aug)
c.	Thein Dam River Ravi	1732	1.900	1.62 (18 th Aug)	1718.26 (18 th Aug)	Not Available	Not Available

Authority: Ministry of Water Resources, Office of PCIW report of 26th August 2022.

10. **Summary Pre- Monsoon and Monsoon Spells Till 28th Aug 22**

Provinces/ Region	30 Years Average (mm)	Rainfall Monsoon-22 (mm)	Departure (%)
Pakistan	135.4	390	188.04
AJ&K	378.3	388.3	2.64
Balochistan	60.4	309.2	411.92
Gilgit Baltistan	39.6	86	117.17
Khyber Pakhtunkhwa	240.3	350.7	45.94
Punjab	222	422.7	90.41
Sindh	122.1	697.1	470.93

11. **Rainfall Last 24 Hours**

Stations	Rainfall (mm)
Khyber-Pakhtunkhwa	
Kalam	42
Dir	(Upper 25, Lower 02)
Mohmand	(Ghalanai 19)
D.I.Khan	11
Chitral, Drosh	06
Kakul	02
Bajaur	(Pashat 01)
Khyber	(Tirah 01)
Peshawar, Buner, Parachinar	Trace
Kashmir	
Dhulli	25
Garhi Dupatta	20
Chakothe	13
Chattar Kalas	06
Rawalakot	04
Muzaffarabad	01
Gilgit-Baltistan	
Bagrote	21
Gilgit	06
Babusar, Skardu	Trace
Sindh	
Mithi, Nagar parkar	03
Khairpur	02
Badin	01
Balochistan	
Pasni, Bar Khan	Trace
Punjab	
Bhakkar, Rawalpindi	Trace

Authority: PMD Daily Weather & Flood Situation Report dated 28th 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 Northeast Balochistan and DG Khan, DI Khan & Rawalpindi Divisions.

13. **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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