



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

Dated: 4th September 2022Subject: **NDMA Monsoon 2022 Daily Situation Report No 083**

NDMA Monsoon 2022 Daily Situation Report No 083, covering period from 1300 hours on 3rd September 2022 to 1300 hours 4th September 2022 is enclosed for information / necessary action, please.

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To: Secretary to Prime Minister, Prime Minister's Office, Islamabad
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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, 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
 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
 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			1	1				0	• 1x Child in Zhob
GB				0				0	NTR
ICT				0				0	
KP	1	2		3	7		1	8	Deaths due to roof collapse <ul style="list-style-type: none"> • 1x Male in Tank • 2x Females in DI Khan Injured due to roof collapse <ul style="list-style-type: none"> • 4x Males and 1x Children in Tank • 2x Males in DI Khan • 1x Male due flash flood in Lower Kohistan
Punjab	1			1	58	41	8	107	Deaths <ul style="list-style-type: none"> • 1x Male due to drowning in Rajanpur Injured <ul style="list-style-type: none"> Reported from district Rajanpur Tehsil Rojhan
Sindh	13	2	4	19				0	Deaths <ul style="list-style-type: none"> • 10x Males, 2x Females & 1x Child in Malir, Karachi. • 1x Male died in Dadu • 1x Male & 2x Children in Badin • 1x Male & 1x Child in N.Feroze
Total	15	4	5	24	65	41	9	115	

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

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	27	15	0	42	15	6	0	21
Balochistan	125	59	76	260	86	35	43	164
GB	5	11	6	22	2	0	3	5
ICT	1	0	0	1	0	0	0	0
KP	139	41	109	289	139	79	130	348
Punjab	95	46	48	189	2167	1109	568	3844
Sindh	193	90	219	511@	2923	2167	3231	8321
Total	585	262	458	1314@	5332	3396	3975	12703

@ Segregated data of 9x persons is still awaited from 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				11	9	20	
Balochistan						0	
GB						0	
ICT						0	
KP				5276	1567	6843	10811
Punjab						0	
Sindh	172	3		195905	11939	207844	3135
TOTAL	172	3	0	201192	13515	214707	13946

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	20	215	299	514	792
Balochistan	1500	18	0	44960	18108	63068	500000
GB	16	65	8	618	546	1164	0
ICT	0	0	0	0	0	0	0
KP	1589	84	0	52327	35123	87450	20363
Punjab	130	16	100	36477	22601	59078	205106
Sindh	2500	63	45	990238	481214	1471452	24144
TOTAL	5735	246	173	1124835	557891	1682726	750,405

^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
KP	N-95: (Madyan) Blocked between Behrain - Ashrait (20 km) & Laikot – Kalam section (8 km) block due to debris.
	N-50: Road is open for traffic except breached section of Sagu bridge. Preparation of approaches on both sides of Sagu bridge is in process.
Sindh	N-55: Meher Johi Canal to Khairpur Nathan Shah submerged road closed.

Authority: NHA's Daily Road Situation Report dated 4th September 2022.

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

Province /Region	Pakistan Railways
Balochistan	Quetta to Taftan
Balochistan – Sindh	Quetta to Sibbi to Habibkot (ML-2)
Punjab- Sindh	Hyderabad to Rohri to Multan (ML-1)
Sindh	Kotri to Lakhi Shah to Dadu (ML-2)

4. **Joint Survey/ Damage assessment Flood Affected Areas.** 32 x Teams ex NDMA moved, commencing from 23 Aug 22. And has started survey in 16 x Districts (Qila Saifullah, Gawadar, Surab, Kharan, Dukhi, Qila Abdullah, Barkhan, Mustang, Musakhel, Sibi, Lasbela, Pishin, Khuzdar , Kohlu, Dera Bugti & Loralai)

5. **Calamity Hit Districts & Population**

Province/ Rgn Wise	Calamity Hit Notified District	Affected Population	Rescued 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	69,775	69,902
Punjab	3	4,844,253	75,552	12327
Sindh	23	14,563,770	23,554	542,415
Total	80	33,046,329	169,831	631,824

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

a) **Pak Army**

Tps Emp	Boats and D- Watering Teams	Heli Sorties	Vehs	Non Food items	Food Items	Free Medical	Patients treated	Relief Camp	No of People Rescued	Population in Relief Camps	Army Donation Rations
11555	147/19	253	452	29918	191893	253	88697	147	50000+	8595	1617

b) **PAF & NAVY**

Armed Forces	Tents	Food Packs	Ration Distributed (Ton)	Water	Free Medical	Patients	Relief Camp	Aerial Efforts		
								C-130	Heli Sorties	No of People Rescue
Navy	2160	116300	1406. 6	295877	19	40456	-	-	30	19952
Air Force	795	78761	248	89406	35	1620	23	59	57	1521

7. **Flood Relief Assistance BISP**

Province	Total Beneficiaries	Total Cash	Disbursement Completed		Disbursement Balance	
		Disbursement Planned	Beneficiaries	Cash	Beneficiaries	Cash
Balochistan	166,779	4,169,475,000	83,009	2,110,865,462	83,770	2,058,609,538
KP	138,678	3,466,950,000	91,852	2,315,959,500	46,826	1,150,990,500
Punjab	161,080	4,027,000,000	133,525	3,366,802,810	27,555	660,197,190
Sindh	639,632	15,990,800,000	437,728	11,023,255,702	201,904	4,967,544,298

Total	1,106,169	27,654,225,000	746,114	18,816,883,474	360,055	8,837,341,526
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8. **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	1187.45	1188.55	3.648	53.45	3.708
Chashma	649.00	0.278	648.60	0.258	0.4	0.02

MAF - Million Acre Feet

Authority: FFC's Daily Weather & Flood Situation Report dated 4th September 2022.9. **Flood Alert / River Flows.**

- River Indus at Sukkur & Kotri is in high flood level, while at Guddu is in medium flood level.
- Low to medium level flooding is expected in the Nullahs of Rivers Ravi & Chenab along with River Kabul & its Tributaries during next 48-hours.

Structures	Design 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	97,000	157,000	175,000	155,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	181,000	174,000	182,000	174,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	182,000	167,000	236,000	218,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	155,000	136,000	205,000	199,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	130,000	100,000	485,000	485,000	Med Flood (F)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	98,000	45,000	545,000	545,000	High Flood (F)	700,000
• Kotri	875,000	981,000	14-8-1956	24,000	NIL	585,000	572,000	High Flood (R)	650,000
River Kabul									
• Warsak	540,000				14,000		26,000	Normal	200,000
• Nowshera		450,000	29-07-2010		16,000		56,000	Normal	200,000
River Swat									
• Chakdara Bridge		360,000	30-07-2010		7,000		12,000	Normal	150,000
• Munda (H. Works)	150,000	355,000	29-07-2010		3,000		14,000	Normal	150,000
• Charsadda Road		360,000	30-07-2010		3,000		14,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	15,000	34,000	25,000	8,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	32,000	12,000	3,000	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	35,000	5,000	53,000	22,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	7,000	NIL	36,000	28,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	16,000	NIL	28,000	8,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	20,000	4,000	32,000	16,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	14,000	NIL	27,000	14,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		3,000		7,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		18,000		15,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	31,000	2,000	34,000	7,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	18,000	NIL	20,000	3,000	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	15,000	2,000	17,000	5,000	Normal	175,000

• Islam	300,000	492,581	11-10-1955	1,000	NIL	6,000	5,000	Normal	175,000
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Authority: FFC Daily Weather & Flood Situation Report dated 4th September 2022.

10. **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	3.968 (1 st Sep)	1664.68	36,116	23,474
b.	Pong Dam River Beas	1390	4.991	4.273 (1 st Sep)	1383.23	18,726	14,000
c.	Thein Dam River Ravi	1732	1.900	1.588 (1 st Sep)	1714.19 (1 st Sep)	Not Available	Not Available

Authority: Ministry of Water Resources, Office of PCIW report of 2nd September 2022.

11. **Rainfall Last 24 Hours**

Stations	Rainfall (mm)
Kashmir	
Muzaffarabad	(City 31 & AP 15)
Dhulli	18
Hajira	05
Bandi Abbaspur	04
Kotli	01
Haraman	Trace
Punjab	
Islamabad	(Golra 31, Saidpur 23 & ZP 06)
Murree	05
Rawalpindi	(Shamsabad 01 & Chaklala Trace)
Khyber-Pakhtunkhwa	
Tirah-Khyber	01
Gilgit-Baltistan	
NIL	
Sindh	
NIL	
Balochistan	
NIL	

Authority: PMD Daily Weather & Flood Situation Report dated 4th September 2022.

12. **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 Khyber Pakhtunkhwa, Islamabad and Rawalpindi, Sargodha, Gujranwala, Lahore & Faisalabad Divisions.

13. **Weather Advisory.** Pakistan Meteorological Department (PMD) has forecasted that weak monsoon currents from Arabian Sea are penetrating upper and central parts of the country which subsequently cause rain-wind / thundershowers with isolated heavy falls in Khyber Pakhtunkhwa, Islamabad, Northern Punjab, Gilgit Baltistan & AJK from 3rd Sep (Saturday) to 6th Sep (Tuesday).



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