



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



Dated: 2<sup>nd</sup> September 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 081**

NDMA Monsoon 2022 Daily Situation Report No 081, covering period from 1300 hours on 1<sup>st</sup> September 2022 to 1300 hours 2<sup>nd</sup> 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

**Annexure 'A'****1. Deaths/ Injured****a. Last 24 Hours**

Province /Region	Deaths				Injured				Remarks
	M	F	C	T	M	F	C	T	
AJ&K		1		1				0	• Details to follow
Balochistan			1	1				0	• Details to follow
GB				0				0	<b>NTR</b>
ICT				0				0	
KP	14	2	1	17	2	4	2	8	<b>Deaths</b> <ul style="list-style-type: none"> <li>• <b>Due to Flash Flood</b> <ul style="list-style-type: none"> <li>• 8x Males in Swat</li> <li>• 4x Male in L-Chitral</li> </ul> </li> <li>• <b>Due to Roof Collapse</b> <ul style="list-style-type: none"> <li>• 2x Males in Shangla</li> <li>• 1x Female in Kurram</li> <li>• 1x Child in DI Khan</li> </ul> </li> </ul> <b>Injured</b> <ul style="list-style-type: none"> <li>• 4x Females and 2 Children in DI Khan due to Roof Collapse</li> <li>• 2x Males due to flash flood in Malakand.</li> </ul> <b>Data Reconciliation</b> 1x Female death is added in cumulative figures.
Punjab				0	184	168	119	471	Data of District Rajanpur has been updated by the Administration and reported by PDMA.
Sindh	8	15	15	38	2274	1902	3028	7204	<b>Deaths</b> <ul style="list-style-type: none"> <li>• Drowning: 3x Males, 5x Females and 4x Children in Jamshoro.</li> <li>• 5x Females and 1x Child died in Dadu.</li> <li>• 2x Males and 2x Females and 6x Children died in Sukkur.</li> <li>• 1x death in Ghotki (details to follow)</li> <li>• 3x Males, 3x Females and 2x Children died Larkana.</li> <li>• 1x Child due to roof collapse MirpurKhas.</li> <li>• 1x Child in Umerkot.</li> </ul>
<b>Total</b>	<b>22</b>	<b>18</b>	<b>17</b>	<b>57</b>	<b>2460</b>	<b>2074</b>	<b>3149</b>	<b>7683</b>	

**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	124#	59#	74	257	86	35	43*	164
GB	5	11	6	22	2	0	3	5
ICT	1	0	0	1	0	0	0	0
KP	138	39*	108	285	131	79	126	336
Punjab	94	46	48	188	2109	1068	560	3737
Sindh	168	88	205	470@	2916	2167	3231	8314
<b>Total</b>	<b>557</b>	<b>258</b>	<b>441</b>	<b>1265@</b>	<b>5259</b>	<b>3355</b>	<b>3963</b>	<b>12577</b>

@ Segregated data of 9x persons is still awaited from PDMA Sindh.

\* **Data Reconciliation:** PDMA BLN: injured figure of 2x Children reduced. PDMA KP: 1x Female death added.

# **Death Data Rearrangement:** PDMA BLN: 3x Males added & and 3x Females reduced.

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

Province /Region	Roads (km)	Bridges	Shops	Houses			Live-stock
				PD	FD	Total	
AJ&K				7	6	13	2
Balochistan	500					0	
GB				186	43	229	
ICT						0	
KP				3865	3319	7184	141
Punjab				6747	6011	12758	2
Sindh				153226	147270	300496	3621
<b>TOTAL</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>164031</b>	<b>156649</b>	<b>320680</b>	<b>3766</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	20	204	289	493	792
Balochistan	1500	18	0	44110	17608	61718	500000^
GB	16	65	8	618	546	1164	0
ICT	0	0	0	0	0	0	0
KP	1589	84	0	46593	33552	80145	9552
Punjab	130	16	100	36477	22601	59078	205106
Sindh	2328	60	45	769565	454876	1224441	20134
<b>TOTAL</b>	<b>5563</b>	<b>243</b>	<b>173</b>	<b>897567</b>	<b>529472</b>	<b>1427039</b>	<b>735,584</b>

^Tentatively

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

Province /Region	Roads
Balochistan	<b>M-8: (KM 100 – 140)</b> Land sliding in 24 Km section of Wangu hills
	<b>N-65:</b> Pinjra Bridge (Bolan River) 45 meter span washed out
KP	<b>N-35:</b> Blocked at 3 locations KM 288 (Zaid Khar Nalla) Upper Kohistan
	<b>N-95: (Madyan)</b> Blocked between Behrain - Laikot (27 km)
	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 2<sup>nd</sup> September 2022.

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

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

4. **Joint Survey/ Damage assessment Flood Affected Areas.** 29 x teams (Quetta(2), Pashin, Loralai, Dhuki, Surab,Jaffarabad, Sohbatpur, Awaran, Lasbela, Gawadar, Qila Saifullah, Ziarat, Qila Abdullah, Musakhel, Washuk, Kohlu, Barkhan, Khuzdar, Nasirabad, Kachhi ,Sibi, Dera Bugti, Sherani, Zhob, Kharan, Kalat, Mustang, Chaman)

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

Armed Forces	Tents	Food Packs	Ration Distributed (Ton)	Water	Free Medical	Patients	Relief Camp	Aerial Efforts		
								C-130	Heli Sorties	No of People Rescued
Army	5505	153916	1617	300,000	253	33025	147	-	253	2302
Navy	1080	55000	630	229820	18	18000	-	-	30	9100
Air Forces	795	78761	248	89406	35	1620	23	59	57	1521

6. **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	75397	17044
Sindh	23	14,563,770	23,554	533,667
<b>Total</b>	<b>80</b>	<b>33,046,329</b>	<b>169,676</b>	<b>627,793</b>

7. **Flood Relief Assistance BISP**

Province	Total Beneficiaries	Total Cash	Beneficiaries	Disbursement Completed	Disbursement Balance	
		Disbursement Planned		Cash	Beneficiaries	Cash
Balochistan	166,525	4,163,125,000	65,506	1,664,675,368	101,019	2,498,449,632
Khyber Pakhtunkhwa	138,678	3,466,950,000	75,315	1,897,135,500	63,363	1,569,814,500
Punjab	161,080	4,027,000,000	116,534	2,935,732,262	44,546	1,091,267,738
Sindh	620,068	15,501,700,000	358,075	9,011,525,648	261,993	6,490,174,352
<b>Total</b>	<b>1,086,351</b>	<b>27,158,775,000</b>	<b>542,388</b>	<b>13,660,700,076</b>	<b>543,963</b>	<b>13,498,074,924</b>

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	3.587	54.55	3.769	1187.45
Chashma	649.00	0.278	648.10	0.232	0.9	0.046

MAF - Million Acre Feet

**Authority:** FFC's Daily Weather & Flood Situation Report dated 2<sup>nd</sup> September 2022.

9. **Flood Alert / River Flows.**

- River Indus at Guddu & Sukkur is in high flood level.
- River Indus at Taunsa & Kotri is in Medium Flood level.
- River Kabul at Nowshera 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*	
<b>River Indus</b>									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	117,000	157,000	162,000	154,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	124,000	117,000	194,000	187,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	140,000	136,000	124,000	104,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	158,000	138,000	417,000	417,000	Med Flood (F)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	129,000	99,000	558,000	558,000	High Flood (R)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	84,000	34,000	532,000	532,000	High Flood (R)	700,000
• Kotri	875,000	981,000	14-8-1956	25,000	NIL	447,000	440,000	Med Flood (R)	650,000
<b>River Kabul</b>									
• Warsak	540,000				18,000		34,000	Normal	200,000
• Nowshera		450,000	29-07-2010		19,000		71,000	Low Flood (F)	200,000
<b>River Swat</b>									
• Chakdara Bridge		360,000	30-07-2010		10,000		14,000	Normal	150,000
• Munda (H. Works)	150,000	355,000	29-07-2010		2,000		17,000	Normal	150,000
• Charsadda Road		360,000	30-07-2010		3,000		17,000	Normal	100,000
<b>River Jhelum</b>									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	15,000	37,000	28,000	8,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	31,000	12,000	6,000	NIL	Normal	225,000
<b>River Chenab</b>									
• Marala	1,100,000	1,100,000	26-8-1957	40,000	5,000	52,000	22,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	9,000	2,000	34,000	26,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	17,000	NIL	22,000	2,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	29,000	13,000	40,000	25,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	11,000	NIL	38,000	26,000	Normal	450,000
<b>River Ravi</b>									
• Jassar	275,000	680,000	05-10-1955		3,000		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	35,000	7,000	36,000	8,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	17,000	NIL	18,000	2,000	Normal	90,000
<b>River Sutlej</b>									
• 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	7,000	Normal	175,000

**Authority:** FFC Daily Weather & Flood Situation Report dated 2<sup>nd</sup> 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 <sup>st</sup> Sep)	1664.68	36,116	23,474
b.	Pong Dam River Beas	1390	4.991	4.273 (1 <sup>st</sup> Sep)	1383.23	18,726	14,000
c.	Thein Dam River Ravi	1732	1.900	1.588 (1 <sup>st</sup> Sep)	1714.19 (1 <sup>st</sup> Sep)	Not Available	Not Available

**Authority:** Ministry of Water Resources, Office of PCIW report of 2<sup>nd</sup> September 2022.

11. **Rainfall Last 24 Hours**

Stations	Rainfall (mm)
<b>Gilgit-Baltistan</b>	
Babusar	03
<b>Khyber-Pakhtunkhwa</b>	
Tirah Khyber	01
<b>Sindh</b>	
Karachi	(MOS Trace)
<b>Punjab</b>	
Islamabad (A/P)	Trace
<b>Kashmir</b>	
NIL	
<b>Balochistan</b>	
NIL	

**Authority:** PMD Daily Weather & Flood Situation Report dated 2<sup>nd</sup> September 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.



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