



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

Dated: 30<sup>th</sup> August 2022Subject: **NDMA Monsoon 2022 Daily Situation Report No 078**

NDMA Monsoon 2022 Daily Situation Report No 078, covering period from 1300 hours on 29<sup>th</sup> August 2022 to 1400 hours 30<sup>th</sup> August 2022 is enclosed for information / necessary action, please.

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**Director (Response)**

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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  
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 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	4		5				0	<b>Deaths</b> • 1x Male, 4x females in Kachhi
GB				0				0	NTR
ICT				0				0	
KP	8		1	9	2	0	2	4	<b>Deaths</b> • <b>Due to Flash Flood</b> • 2x Males & 1x Child in U-Kohistan • 1x Male in Karak • <b>Due to House Collapse</b> • 2x Males in DI Khan • 1x Male in S-Waziristan • 1x Male in Hangu • 1x Male in L-Dir <b>Injured</b> • <b>Due to House Collapse</b> • 2x Children in U-Kohistan • 1x Male in DI Khan • 1x Male in U- Chitral due to flash flood
Punjab				19 <sup>^</sup>	1283	469	166	1918	<sup>^</sup> Note. Segregated data of 19 x persons is to be confirmed by PDMA Punjab
Sindh	3			3	17	2		19	• 3x Males died in Dadu
<b>Total</b>	<b>12</b>	<b>4</b>	<b>1</b>	<b>36</b>	<b>1302</b>	<b>471</b>	<b>168</b>	<b>1941</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	14	0	41	15	6	0	21
Balochistan	117	59	73	249	59	14	37	110
GB	5	11	6	22	2	0	3	5
ICT	1	0	0	1	0	0	0	0
KP	115	36	106	257 <sup>#</sup>	122	75	124	321 <sup>#</sup>
Punjab	87	42	39	187 <sup>@</sup>	1337	505	181	2023
Sindh	154	69	160	405 <sup>@</sup>	617	257	200	1074
<b>Total</b>	<b>506</b>	<b>231</b>	<b>384</b>	<b>1162</b>	<b>2152</b>	<b>857</b>	<b>545</b>	<b>3554</b>

<sup>@</sup> Segregated data of 22 x persons from Sindh and 19x Persons from Punjab is to be confirmed by respective PDMA's.

<sup>#</sup> Data Reconciled by PDMA by reducing 10 deaths and 21 injured.

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

Province /Region	Roads (km)	Bridges	Shops	Houses			Live-stock
				PD	FD	Total	
AJ&K			3	10	7	17	
Balochistan				150	80	230	
GB				165	45	210	
ICT				0	0	0	
KP (&)	1582.5	77		-3901	-2225	-6126	-7403
Punjab	9	4		0	0	0	2511
Sindh				2399	9088	11487	
<b>TOTAL</b>	<b>1591.5</b>	<b>81</b>	<b>3</b>	<b>-1177</b>	<b>6995</b>	<b>5818</b>	<b>-4892</b>

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

# Data has been reconciled and overall figures are reduced by 6126.

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

Province /Region	Roads (km)	Bridges	Shops	Houses			Livestock
				PD	FD	Total	
AJ&K	0	0	20	195	280	475	772
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	24747	27109	51856	9172
Punjab	130	16	100	29730	16590	46320	205104
Sindh	2328	60	45	633788	262296	896084	15435
<b>TOTAL</b>	<b>5063</b>	<b>243</b>	<b>173</b>	<b>733002</b>	<b>324386</b>	<b>1057388</b>	<b>730483</b>

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
GB	<b>N-35:</b> Closed due to landslide at following locations:- <ul style="list-style-type: none"> <li>• Zaid Khur at Km 288 (Road section/ bridge approaches damaged)</li> <li>• Uchar Nullah Bridge at Km 303.</li> <li>• Lutar at Km 323-340</li> </ul> Traffic moving through alternate route of N-15.
	<b>N-35:</b> Blocked at 3 locations KM 288 (Mata Banda Zaid Khad Nala)
KP	<b>N-95: (Madyan)</b> Blocked at following locations:- <ul style="list-style-type: none"> <li>• Behrain - Laikot (27 km)</li> <li>• Laikot – Kalam (8km)</li> </ul>
	<b>N-50:</b> Blocked at km 486 all types of traffic at Saggiu Bridge.
	<b>N-55: Kotri – Larkana – DG Khan – DI Khan – Kohat – Peshawar</b> Road is blocked for all types of traffic at Paroa (near DI Khan)

**Authority:** NHA's Daily Road Situation Report dated 30<sup>th</sup> 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.** 18x Joint survey teams of NDMA have reached respective locations at; 2x Quetta along with a provincial coordination team, Pishin, Loralai, Dukki, Jaffarabad, Sohbatpur, Awaran, Lasbela, Gawadr, Musakhel, Kohlu, Barkhan, Khuzdar, Nasirabad, Qila Saifullah, Ziarat, Qila Abdullah.

5. **Helicopter/ Aerial Rescue Operations.** 10x Helis were used for conduct of 39 sorties (33 in KP, 5 in Punjab and 1 in Sindh). 505 people were evacuated, 23.2 tons of food and relief items were distributed among flood affected people.

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	9	4,350,490	45,362	61,534
Punjab	3	4,844,253	71935	15592
Sindh	23	14,563,770	0	377,930
<b>Total</b>	<b>72</b>	<b>33,046,329</b>	<b>118,247</b>	<b>462,236</b>

7. **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	1185.3	3.467	56.7	4.889
Chashma	649.00	0.278	640	0.058	9	0.22

MAF - Million Acre Feet

**Authority:** FFC's Daily Weather & Flood Situation Report dated 30<sup>th</sup> August 2022.

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

- River Kabul at Nowshera is in very high flood level and falling.
- River Indus at Chashma, Taunsa Guddu & Sukkur is in high flood level.
- River Indus at Kalabagh & Kotri is in medium flood level.
- Very high level flooding is likely to continue in River Kabul at Nowshera during next 24-hours.
- River Indus at Taunsa is likely to attain very high flood level during next 24-hours.

Structures	Design ed Capacity	Historic Peak Floods experienced to-date*		Last Year Flow		Today Actual Flow with Flood Classification			Comparati veDanger (VHF) Classificati on
		Discharge	Date	Inflow	Outflow	Inflow	Outflow	Flood Classification*	
1	2	3	4	5	6	7	8	9	10
<b>River Indus</b>									
• <b>Tarbela Reservoir</b>	1,500,000	604,000	30-7-2010	175,000	105,000	222,000	215,000	Normal	650,000
• <b>Kalabagh</b>	950,000	950,000	14-7-1942	173,000	166,000	385,000	380,000	Med Flood (F)	650,000
• <b>Chashma Reservoir</b>	950,000	1,036,673	01-8-2010	180,000	164,000	519,000	504,000	High Flood (R)	650,000
• <b>Taunsa</b>	1,000,000	959,991	02-8-2010	146,000	126,000	622,000	622,000	High Flood (R)	650,000
• <b>Guddu</b>	1,200,000	1,199,672	15-8-1976	103,000	77,000	513,000	513,000	High Flood (R)	700,000
• <b>Sukkur</b>	900,000	1,161,000	16-8-1976	67,000	26,000	531,000	531,000	High Flood (S)	700,000
• <b>Kotri</b>	875,000	981,000	14-8-1956	29,000	NIL	353,000	351,000	Med Flood (R)	650,000
<b>River Kabul</b>									
• <b>Warsak</b>	540,000	450,000	29-07-2010		19,000		58,000	Low Flood (R)	200,000
• <b>Nowshera</b>					25,000		212,000	V. High Flood (F)	200,000
<b>River Swat</b>									
• <b>Chakdara Bridge</b>		360,000	30-07-2010		9,000		22,000	Normal	150,000
• <b>Munda( H. Works)</b>	150,000	355,000	29-07-2010		3,000		35,000	Normal	150,000
• <b>Charsadda Road</b>		360,000	30-07-2010		3,000		34,000	Normal	100,000
<b>River Jhelum</b>									
• <b>Mangla Reservoir</b>	1,060,000	1,090,000	10-9-1992	17,000	29,000	30,000	11,000	Normal	225,000
• <b>Rasul</b>	850,000	952,170	10-9-1992	20,000	NIL	6,000	NIL	Normal	225,000
<b>River Chenab</b>									
• <b>Marala</b>	1,100,000	1,100,000	26-8-1957	48,000	13,000	55,000	28,000	Normal	400,000
• <b>Khanki</b>	1,100,000	1,086,460	27-8-1959	23,000	15,000	38,000	31,000	Normal	400,000
• <b>Qadirabad</b>	900,000	948,530	11-9-1992	36,000	14,000	36,000	16,000	Normal	400,000
• <b>Trimmu</b>	875,000	943,225	08-7-1959	27,000	10,000	37,000	25,000	Normal	450,000
• <b>Panjnad</b>	865,000	802,516	17-8-1973	11,000	NIL	44,000	35,000	Normal	450,000
<b>River Ravi</b>									
• <b>Jassar</b>	275,000	680,000	05-10-1955		5,000		9,000	Normal	150,000
• <b>Shahdara</b>	250,000	680,000	22-9-1988		19,000		14,000	Normal	135,000
• <b>Balloki</b>	380,000	336,200	28-9-1988	33,000	4,000	36,000	8,000	Normal	135,000
• <b>Sidhnai</b>	150,000	330,210	02-10-1988	16,000	NIL	24,000	9,000	Normal	90,000
<b>River Sutlej</b>									
• <b>Suleimanki</b>	325,000	598,872	08-10-1955	17,000	3,000	20,000	8,000	Normal	175,000
• <b>Islam</b>	300,000	492,581	11-10-1955	1,000	NIL	6,000	5,000	Normal	175,000

**Authority:** FFC Daily Weather & Flood Situation Report dated 29<sup>th</sup> 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 <sup>th</sup> Aug)	1662.72	38.778	24,000
b.	Pong Dam River Beas	1390	4.991	4.031 (25 <sup>th</sup> Aug)	1382.75	25,538	14,314
c.	Thein Dam River Ravi	1732	1.900	1.588 (25 <sup>th</sup> Aug)	1715.37 (25 <sup>th</sup> Aug)	Not Available	Not Available

**Authority:** Ministry of Water Resources, Office of PCIW report of 30<sup>th</sup> August 2022.

10. **Summary Pre- Monsoon and Monsoon Spells Till 30<sup>th</sup> Aug 22**

Provinces/ Region	30 Years Average (mm)	Rainfall Monsoon-22 (mm)	Departure (%)
Pakistan	137.3	399.1	190.68
AJ&K	384.5	392.8	2.16
Balochistan	61	327.5	436.89
Gilgit Baltistan	40.3	93	130.77
Khyber Pakhtunkhwa	244.3	353.3	44.62
Punjab	225.5	426.6	89.18
Sindh	123.3	696.4	464.80

11. **Rainfall Last 24 Hours**

Stations	Rainfall (mm)
<b>Punjab</b>	
Lahore	97
Okara	30
Sialkot	(A/P 17 & City 02)
Khanewal	15
Sahiwal	14
Gujranwala	12
Bahawalnagar & T T Singh	01
D G Khan & Faisalabad	Trace
<b>Balochistan</b>	
Barkhan	23
<b>Khyber-Pakhtunkhwa</b>	
Buner	13
Tirah Khyber	02
Kalam	Trace
<b>Kashmir</b>	
Rawalakot	05
Dhulli	04
<b>Gilgit-Baltistan</b>	
Gilgit	01
Skardu & Bunji	Trace
<b>Sindh</b>	
NIL	

**Authority:** PMD Daily Weather & Flood Situation Report dated 30<sup>th</sup> 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, Southeastern Sindh and DG Khan, DI Khan, Rawalpindi, Gujranwala & Lahore Divisions.



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