



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



Dated: 13th August 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 061**

NDMA Monsoon 2022 Daily Situation Report No 061, covering period from 1300 hours on 12th August 2022 to 1300 hours 13th August 2022 is enclosed for information / necessary action, please.

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Cc: Secretary, Ministry of Climate Change, Islamabad
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 Chairman, Federal Flood Commission, Islamabad
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 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
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ID: APS to Member (Ops), NDMA
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 Director (Admin), NDMA
 Director (Finance), NDMA
 Director (Media & IT), NDM
 APS to Chairman, NDM

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

Province /Region	Deaths				Injured				Remarks
	M	F	C	T	M	F	C	T	
AJ&K									NTR
Balochistan	4*	1*	1**	6					* Deaths on 29 th July 22 in Lasbella, reported on 12 Aug 22 ** Death on 11 Aug 2022 in Zhob, reported on 12 Aug 22
GB									NTR
ICT									
KP			1*	3			3^	4	* Due to flash flood in Orakzai. ** Due to roof collapse in Bajaur. ^ Due to roof Collapse in Bajaur. ^^ Due to flash flood in South Waziristan.
			2**				1^^		
Punjab		1		1					Wall Collapse In Multan
Sindh					5	17		22	Reconciliation of data
Total	4	2	4	10	5	17	4	26	

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

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	16	12	1	29	11	6	0	17
Balochistan	81	45	56	182	48	11	16	75
GB	1	4	3	8	0	0	3	3
ICT	1	0	0	1	0	0	0	0
KP	30	22	69	121	34	44	53	131
Punjab	63	22	36	121	160	104	40	304
Sindh	54	11	65	130	226	126	92	444
Total	246	116	230	592	479	291	204	974

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

Province /Region	Roads (km)	Bridges	Shops	Houses			Livestock
				PD	FD	Total	
AJ&K	-	-	-	-	-	-	-
Balochistan	-	-	-	-	-	-	-
GB	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-
Khyber Pakhtunkhwa	-	-	-	5	-	5	-
Punjab	-	-	-	-	-	-	-
Sindh	-	-	-	-22@	403	381	990
TOTAL	-	-	-	-17	403	386	990

@22 x partially damaged houses over-reported; being reconciled.

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

Province /Region	Roads (km)	Bridges	Shops	Houses			Livestock
				PD	FD	Total	
AJ&K	0	0	10	120	219	339	746
Balochistan	670	16	0	13385	4702	18087	26,929
GB	2	51	0	162	283	445	0
ICT	0	0	0	0	0	0	0
Khyber Pakhtunkhwa	6.5	7	0	3882	1090	4971	322
Punjab	33	7	1	93	6	99	13
Sindh	2135.4	45	32	22795	4923	27,718	1964
TOTAL	2846.9	126	43	40437	11223	51,659	29,974

3. **Road Blocked Last 24 Hours**

Province/ Rgn Wise	No of Road Blocked	Details of Road Network	Cause of Blockage	Restoration Status	Machinery/ Manpower deployed
AJ&K		NTR			
Balochistan	2	N-25 Qta- Karachi	Lunda Bridge washed away Kanta Bridge Washed away	Diversion made for light traffic	Yes
		M8	Landslide	Temporary track made	
GB	1	Hisper valley road	Landslide	In progress	Yes
ICT		NTR			
KP	1	KKH	Flash Flood	Diversion made for light traffic	Yes
Punjab		NTR			
Sindh		NTR			

4. **Rescue & Relief Operations Since 14 June 2022**

Province/ Rgn Wise	No of affected District	Affected Population	No of Person Rescued	Persons in Relief Camp
AJ&K	10	2,000	40	0
Balochistan	34	360,000	600	7,000
GB	6	7360	4,800	180
KP	33	50,000	2015	2,964
Punjab	3	119,367	3009	4,696
Sindh	28	435,738	NR	8,221

Total	114	974,465	10,464	23,061
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5. Relief Provided by NDMA

Item	Tents	Blankets/ Quilt	Mosquito Net	Tarpaulin	Food Packs	Kitchen Set	First aid kits	Hygiene kit	Chemical Spray Machine	De-watering pumps	Generator
AJ&K	450	750		300		200	500				
Bln	7650	3500	7800	6300	6500	3200	5000	3000	140	55	50
GB	550	500	0	700	0	400	700	0	0	0	0
ICT	15	0	0	15	0	0	0	0	0	2	0
KP	700	900	700	700	500	700	500	1000	0	0	0
Punjab	500	1000	500	500	400	500	500	500	0	0	0
Sindh	1750	2000	2400	1400	1000		500	0	20	60	15
Total	11615	8650	11400	9915	8400	5000	7700	4500	160	117	65

6. Relief Provided by PDMA

Item	Tents	Blankets/ Quilt	Net Mosquito	Tarpaulin	Plastic Mats	Jerry Cane	Water tank/ Bottle/ filter	Water Cooler	Food Packs	Cooked Food	Gas Cylinders	Kitchen Set	First aid kits	Hygiene kit	Life Saving Jackets	Beds/ Chapai and accessories	Boats	De-watering pumps
AJ&K	116	34	0	161	56	0	9	0	35	0	0	9	35	0	0	0	0	0
Bln	19740+52	9680	12330	13260	4000	8350	105	9700	30037	0	7020	5070	100	250	167	100	6	20
GB	465	212	50	100	384	0	0	0	520	0	0	77	0	0	0	220	0	0
KP	1447	503	653	497	722	125	0	0	818	0	119	885	0	645	0	403	0	0
Punjab	3300	0	200	0	666	0	5	0	40000	0	0	0	0	0	0	0	0	0
Sindh	19,230	0	49775	1060	1200	5580	39	110	9350	45	0	1610	0	500	50	2320	20	124
Total	44234	10429	60,508	15078	6328	14055	158	9810	80760	45	7139	7651	135	1395	217	3043	26	144

7. **Relief Provided by Humanitarian Agencies**(a) **Last 24 hours**

S no	Province	District	Relief Items	Quantity	Organization
1	Balochistan	Quetta	Shelter Kit (No.)	750	Muslim Aid
		Pishin	NFIs (No.)	500	
		Quetta & Noshki	Food Packages	6,080	Islamic Relief Pakistan
2	Punjab	DG Khan	Medical Support (Patients)	224	Helping Hands for Relief & Development
			NFIs (No.)	75	
			Drinking Water (No.)	250	
			Cooked Food (No.)	107	
			Food Packages	200	Muslim Hands
			Cooked Food (No.)	4,090	

(b) **Cumulative Relief by Humanitarian Agencies**

S#	Relief Items	Punjab	Sindh	KP	BLN	Total
1	Food Packs (No)	1277	501	700	19,663	22,141
2	Cooked Food (Nos.)	16,979	8,230	2,250	3,110	30,569
3	Dates (Carton)	-	-	-	5,000	5,000
4	Drinking Water (Litre)	4,741	1,290	300	67,390	73,721
5	Tents (No)	-	-	-	858	858
6	Tarpuline (No)	-	23	-	-	23
7	Dewatering Pumps (No)	3	5	-	-	8
8	Water Filtration / Purification Plant (No)	-	-	2	6	8
9	Hygiene Kits (No)	160	650	900	5,320	7,030
10	Medical Support (Persons)	690	2,482	-	7,160	10,332
11	Medicine (No)	-	-	-	134,691	134,691
12	Aqua Tabs (No)	-	-	-	200,000	200,000
13	Jerry Cans (No)	-	100	1800	-	1900
14	NFIs (No.)	479	652	131	3,161	4,423

8. **Dam/ Reservoir Levels**

Reservoirs	Max Conservation Level & Storage		Today's Level		Remaining Level & Storage	
	Feet	(MAF)	Feet	(MAF)	Feet	(MAF)
Tarbela	1,550.00	5.827	1544.7	5.523	5.3	0.304
Mangla	1,242.00	7.356	1168.8	2.597	73.2	4.759
Chashma	649.00	0.278	642	0.058	7	0.22

MAF - Million Acre Feet

Authority: FFC's Daily Weather & Flood Situation Report dated 13th August 2022.

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

- River Indus at Kotri, while River Chenab at Marala & Qadirabad are in low flood level.
- Medium to high level flooding is are expected in the Hill Torrents of DG Khan Division after 24 hours, while flows are likely to increase in River Kabul and its Tributaries after 48-hours.

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	165,000	152,000	237,000	216,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	186,000	179,000	187,000	180,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	176,000	166,000	254,000	236,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	169,000	149,000	224,000	204,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	149,000	110,000	184,000	149,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	109,000	54,000	131,000	94,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	131,000	95,000	229,000	211,000	Low Flood (R)	650,000
River Kabul									
• Warsak	540,000				24,000		34,000	Normal	200,000
• Nowshera		450,000	29-07-2010		35,000		50,000	Normal	200,000
River Swat									
• Chakdara Bridge		360,000	30-07-2010		11,000		14,000	Normal	150,000
• Munda (H. Works)		355,000	29-07-2010		6,000		12,000	Normal	150,000
• Charsadda Road	150,000	360,000	30-07-2010		6,000		10,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	32,000	17,000	27,000	10,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	23,000	20,000	9,000	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	56,000	21,000	114,000	102,000	Low Flood (S)	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	27,000	20,000	99,000	92,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	20,000	NIL	128,000	109,000	Low Flood (F)	400,000
• Trimmu	875,000	943,225	08-7-1959	20,000	4,000	67,000	58,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	25,000	10,000	37,000	26,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		5,000		21,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		23,000		23,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	36,000	7,000	41,000	15,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	23,000	5,000	27,000	13,000	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	16,000	2,000	14,000	4,000	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 13th August 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	2.824 (11 th Aug)	1635.94	50,747	19,227
b.	Pong Dam River Beas	1390	4.991	2.581 (11 th Aug)	1356.70	62,693	9,009
c.	Thein Dam River Ravi	1732	1.900	1.370 (11 th Aug)	1704.44 (11 th Aug)	Not Available	Not Available

Authority: Ministry of Water Resources, Office of PCIW report of 13th August 2022.

11. Summary Pre- Monsoon and Monsoon Spells Till 12th Aug 22

Provinces/ Region	30 Years Average (mm)	Rainfall Monsoon-22 (mm)	Departure (%)
Pakistan	111	230.4	107.57
AJ&K	304.7	319.1	4.73
Balochistan	52.8	184.3	249.05
Gilgit Baltistan	30.9	45.4	46.93
Khyber Pakhtunkhwa	192	217.2	13.13
Punjab	178.7	315.3	76.44
Sindh	101.8	297.2	191.94

12. Rainfall Last 24 Hours

Stations	Rainfall (mm)
Sindh	
Karachi	(Surjani Town 60, Masroor Base 44, University Road 43, Orangi Town 42, Nazimabad 38, North Karachi 37, Saadi Town 35, Gulshan-e-Maymar 31, Korangi 27, Kemari 22, Gulshan-e-Hadeed 20, Gadap Town 16, Jinnah Terminal 13, Old Area AP, DHA Phase II 12 & Saddar 10)
Hyderabad	(City 64, A/P 01)
Tando Jam	35
Badin	19
Thatta & Chhor	11
Mirpur Khas	07
Khairpur	08
Mithi	02
Larkana & Dadu	Trace
Punjab	
Khanpur	16
D.G.Khan	(Fort Munro 10, Vehova 09 & Zain Sanghar Nullah 01)
R Y Khan	06
Murree	01
Bahawalpur (AP)	Trace
Balochistan	
Sibbi	11
Muslim Bagh	10
Ziarat	09
Chaman	07
Ormara & Loralai	02
Lasbella	Trace
Gilgit-Baltistan	
Gupis	10
Bagrote	07
Gilgit	02
Chillas & Babusar	Trace
Kashmir	
Panjera	09
Hajira	02
Barnala	Trace

Khyber-Pakhtunkhwa	
Kakul, Mardan & Mirkhani	02
Malam Jabba	01
Chitral & Kalam	Trace

Authority: PMD Daily Weather & Flood Situation Report dated 13th August 2022.

13. **Weather Forecast for next 24 hours by PMD.** Scattered thunderstorm/rain of moderate intensity with isolated heavy falls is expected over Sindh, Eastern & Coastal Balochistan along with Bahawalpur Division. Isolated thunderstorm/rain is expected over the Upper catchments of all the Major Rivers along with Islamabad and Rawalpindi, Peshawar, Kohat, Bannu & DI Khan, Multan & DG Khan Divisions.

14. **Weather Alert / Advisory / Press Release.** P Pakistan Meteorological Department (PMD) has informed that a depression has developed in Arabian Sea which is likely to move west along Makran Coast. Due to this weather system monsoon currents are continuously penetrating southern parts of the country and another low pressure area is likely to approach Sindh on 16 August, under the influence of this system, following is expected: -

a. Islamabad Capital Territory

- Rain-wind / thundershowers **with a few heavy falls** expected in Islamabad with occasional gaps from **14-16 August (Sunday to Tuesday)**.
Balochistan
- Rain-wind / thundershowers **with a few heavy falls** expected in Balochistan with occasional gaps from **14-16 August (Sunday to Tuesday)**.
- Widespread rain-wind / thundershowers **with scattered heavy to very heavy falls** expected in Balochistan with occasional gaps from **16-18 August (Sunday to Thursday)**.

b. Khyber Pakhtunkhwa

- Rain-wind / thundershowers **with a few heavy falls** expected in Khyber Pakhtunkhwa with occasional gaps from **14-16 August (Sunday to Tuesday)**.

c. Punjab

- Rain-wind / thundershowers **with a few heavy falls** expected in Punjab with occasional gaps from **14-16 August (Sunday to Tuesday)**.

d. Sindh

- Rain-wind / thundershowers **with a few heavy falls** expected in Sindh with occasional gaps from **14-16 August (Sunday to Tuesday)**.
- Widespread rain-wind / thundershowers **with scattered heavy to very heavy falls** expected in Sindh with occasional gaps from **16-18 August (Sunday to Thursday)**.

e. Gilgit Baltistan

- Rain-wind / thundershowers **with a few heavy falls** expected in Gilgit Baltistan with occasional gaps from **14-16 August (Sunday to Tuesday)**.

f. Azad Jammu & Kashmir

- Rain-wind / thundershowers **with a few heavy falls** expected in AJ&K with occasional gaps from **14-16 August (Sunday to Tuesday)**.


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