



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

Dated: 15th August 2022Subject: **NDMA Monsoon 2022 Daily Situation Report No 063**

NDMA Monsoon 2022 Daily Situation Report No 063, covering period from 1300 hours on 14th August 2022 to 1400 hours 15th August 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
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 Director General, Frontier Works Organization, Rawalpindi
 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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 Joint Crisis Management Cell, Joint Staff Headquarters, Rawalpindi
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ID: APS to Member (Ops), NDMA
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 Director (P&IC), NDMA
 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	0	0	0	0	0	0	0	0	NTR
Balochistan	9	0	-(1)*	8	1	1	4	6	<ul style="list-style-type: none"> • 01x male died in Killa Abdulah • 08x males died in Musa Khel • 01x male, 01x female and 03 Children injured in Dera Bugti.
GB	1	0	0	1	1	0	0	1	• Due to flash flood in Diامر
ICT	0	0	0	0	0	0	0	0	NTR
KP	0	0	1	1	0	0	2	2	<ul style="list-style-type: none"> • 01x child died and 01 x injured due to house collapse in Buner • 01x child injured in DI Khan
Punjab	0	0	0	0	0	0	0	0	NTR
Sindh	0	0	0	0	11	2	6	19	The injures are reported from TMK, KSK, SBA and Jamshoro
Total	10	0	0	10	13	3	12	28	

* Data of injured child was erroneously entered into deaths category by PDMA.

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	96	45	55	196	49	12	20	81
GB	2	4	3	9	1	0	3	4
ICT	1	0	0	1	0	0	0	0
KP	30	22	70	122	34	44	55	133
Punjab	63	36	38	137	127	90	60	277
Sindh	56	15	63	134	270	117	111	498
Total	264	134	230	628	492	269	249	1010

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

Province /Region	Roads (km)	Bridges	Shops	Houses			Livestock
				PD	FD	Total	
AJ&K	-	-	-	-	-	-	-
Balochistan	20	2	-		5	5	80,448*
GB	-	-	-	13	-	13	-
ICT	-	-	-	-	-	-	-
KP	-	-	-	3		3	-
Punjab	-	-	-		-(24)	-(24)**	-
Sindh	-	-	-	723	111	834***	
TOTAL	20	2	-	723	92	828	80448

* Flash Floods in Killa Saifullah, Killa Abdullah, Zhob & Mach.

** Data reconciled by the PDMA.

*** Figures updated by PDMA as per the reports of .

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

Province /Region	Roads (km)	Bridges	Shops	Houses			Livestock
				PD	FD	Total	
AJ&K	0	0	10	122	229	351	746
Balochistan	690	18	0	14660	5107	19767	107,377
GB	2	52	0	175	283	458	0
ICT	0	0	0	0	0	0	0
KP	6.5	7	0	3895	1092	4986	322
Punjab	33	7	1	6391	5978	12369	13
Sindh	2135.4	45	32	27625	5149	32774	1976
TOTAL	2866.9	129	43	52868	17838	70705	110,434

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	Diversion made for light traffic	Yes
			Kanta Bridge Washed away		
		M8	Landslide	Traffic ply though temporary track	
GB	1	Hisper valley road	Landslide	In progress	Yes
ICT	NTR				
KP	1	KKH at Achar Nullah	Flash Flood	Open for traffic	Yes
Punjab	NTR				
Sindh					

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	17	548,927	NR	365
Total	103	1,087,654	10,464	15,205

5. **Relief Provided by NDMA**

Province	Tent	Tarpaulin	Mosquito Nets	Blanket	Hygiene Kits	Kitchen Set	Food Packs	First Aid Kit	Generator	Chemical Spray Machine	Jerry Can	Sleeping Bag	De-watering Pumps	Life Saving Jacket
AJ&K	450	300	0	750	0	200	0	500	0	0	0	0	0	0
BLN	7850	16300	17800	13500	3000	3200	7500	5000	85	140	3000	1000	84	200
GB	550	700	0	500	0	400	0	700	0	0	0	0	0	0
ICT	15	15	0	0	0	0	0	0	0	0	0	0	2	0
KP	700	700	700	900	1000	700	500	500	0	0	0	0	0	0
PB	500	500	500	1000	500	500	400	500	0	0	0	0	0	0
SINDH	1750	1400	2400	2000	1000	1000	1000	500	15	20	2000	0	60	0
Total	11815	19915	21400	18650	5500	6000	9400	7700	100	160	5000	1000	146	200

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	21515	10280	13030	13560	4300	8350	31050	9400	31137	0	7320	5870	100	750	167	100	6	26
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	23810	0	74,975	2060	1700	7080	39	110	9350	45	0	3110	0	500	50	3120	20	124
Total	45005	10629	69608	15078	7528	14555	31103	9310	81060	45	7139	7851	135	1595	217	3043	26	148

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

Province	District	Relief Items	Quantity	Organization
Punjab	DG Khan	Medical Support (Patients)	181	Helping Hands for Relief and Development
		NFIs (HH)	100	
		Clean Drinking Water (7,000 Litres through Mobile Filtration Plant) (HH)	700	

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

S#	Relief Items	Punjab	Sindh	KP	Bltn	Total	Maj cntbr
1	Food Packs (No)	1,277	501	700	19,663	22,141	Nestle Pk, WHO, KORT Relief, PRCS, Penny Appeal, Helping Hands (HHRD), IRC, IRP, Muslim Hands, Muslim Aid, UAE Red Crescent
2	Cooked Food (Nos.)	16,979	9,580	2,250	3,110	31,919	
4	Drinking Water (Litre)	11,741	1,545	300	67,390	80,976	
5	Tents (No)	-	-	-	858	858	
6	Shelter Kits (No)	-	-	-	1,800	1800	
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)	871	2,482	-	7,160	10,513	
11	Medicine (No)	-	-	-	134,691	134,691	
12	Aqua Tabs (No)	-	-	-	200,000	200,000	
13	Jerry Cans (No)	-	100	1,800	-	1900	
14	NFIs (No.)	529	652	131	3,161	4,473	

- WHH – food packages (1500 HH), Shelter Kits 300 (300 HH), 250 Agri package (seeds, fertilizer, basic eqpt)
- Save the Children - Shelters /Hygiene kits/ food packs(1000 HH each), Med sp (35000 patients)
- All Pak Chinese Enterprise Association - 10 M PKR donation.
- US Govt announcing 1,50,000 USD to GoB.

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	1546.7	5.638	3.3	0.189
Mangla	1,242.00	7.356	1170.6	2.693	71.4	4.663
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 15th August 2022.9. Flood Alert / River Flows.

- River Indus at Taunsa is in medium flood level (falling) and at Guddu & Kotri is in low flood level.
- Flash flooding is expected in the tributaries of Rivers Kabul & Indus during next 48-hours.
- Severe Flash Flooding is also expected in Hill Torrents of D.G. Khan Division along with Rivers/Nullahs of Balochistan during 16th to 19th August, 2022.
- Flows from Hill Torrents of D.G. Khan Division from 17th August, 2022 may cause medium to high level flooding in River Indus at Taunsa, Guddu & Sukkur.
- Urban flooding is also expected in Sindh during 16th to 19th August, 2022.

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	171,000	99,000	249,000	219,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	176,000	169,000	197,000	190,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	178,000	166,000	257,000	238,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	161,000	132,000	400,000	394,000	Med Flood (F)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	126,000	90,000	264,000	261,000	Low Flood (R)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	89,000	40,000	192,000	162,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	127,000	91,000	223,000	210,000	Low Flood (F)	650,000
River Kabul									
• Warsak	540,000				24,000		32,000	Normal	200,000
• Nowshera		450,000	29-07-2010		37,000		42,000	Normal	200,000
River Swat									
• Chakdara Bridge		360,000	30-07-2010		13,000		14,000	Normal	150,000
• Munda (H. Works)		355,000	29-07-2010		11,000		9,000	Normal	150,000
• Charsadda Road	150,000	360,000	30-07-2010		6,000		9,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	28,000	20,000	70,000	10,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	15,000	12,000	7,000	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	60,000	26,000	90,000	72,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	36,000	29,000	76,000	69,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	27,000	7,000	65,000	46,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	22,000	9,000	122,000	113,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	20,000	7,000	40,000	31,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		4,000		8,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		21,000		9,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	34,000	6,000	35,000	9,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	18,000	1,000	21,000	9,000	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	16,000	2,000	14,000	3,000	Normal	175,000
• Islam	300,000	492,581	11-10-1955	1,000	NIL	2,000	1,000	Normal	175,000

Authority: FFC Daily Weather & Flood Situation Report dated 15th August 2022.

10. **Daily Flood / Base Flow Data Obtained from India.**

a. **Advance Flood Flows Information from India:** PCIW has shared advance flood flows information from office of Indian Commissioner for Indus Water that a flow of 171,797 (R) Cusecs has been recorded in Ujh Barrage spillway Discharge) with a rising trend at 1600 hrs. Source: PCIW Flood Alert 2022 dated 15th Aug 2022.

b. **Dams Levels**

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 14th August 2022.

11. **Summary Pre- Monsoon and Monsoon Spells Till 15th Aug 22**

Provinces/ Region	30 Years Average (mm)	Rainfall Monsoon-22 (mm)	Departure (%)
Pakistan	116.1	251.9	116.97
AJ&K	320.2	326.2	1.87
Balochistan	54.6	204.3	274.18
Gilgit Baltistan	32.5	48.5	49.23
Khyber Pakhtunkhwa	203	228.3	12.46
Punjab	187.4	337.5	80.10
Sindh	105.8	337.3	218.81

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
R Y Khan	06
Murree	01
Bahawalpur (AP)	Trace
Balochistan	
Sibbi	11
Chaman	07
Ormara & Loralai	02
Lasbella & Muslim Bagh	Trace

Gilgit-Baltistan	
Gupis	10
Bagrote	07
Gilgit	02
Chillas & Babusar	Trace
Kashmir	
Barnala	Trace
Khyber-Pakhtunkhwa	
Kakul, Mardan & Mirkhani	02
Malam Jabba	01
Chitral & Kalam	Trace

Authority: PMD Daily Weather & Flood Situation Report dated 15th August 2022.

13. **Weather Forecast for next 24 hours by PMD.** Scattered to widespread thunderstorm/rain of moderate to heavy intensity with isolated very heavy falls is expected over the Upper catchments of Rivers Kabul & Indus along with Islamabad, Rawalpindi, Peshawar, Kohat & Bannu Divisions. Scattered to widespread thunderstorm/rain of moderate intensity with isolated heavy falls is expected over the Upper catchments of Rivers Jhelum, Chenab & Ravi along with Sindh, Eastern and Coastal Balochistan, Sargodha, Gujranwala, Lahore, Sahiwal, Multan, Bahawalpur, DG Khan & D.I. Khan Divisions. Isolated thunderstorm/rain is expected over rest of the country.

14. **Weather Alert / Advisory / Press Release.** 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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