#### **MOST IMMEDIATE / BY FAX**



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



Subject: NDMA Monsoon 2022 Daily Situation Report No 062

NDMA Monsoon 2022 Daily Situation Report No 062, covering period from 1300 hours on 13<sup>th</sup> August 2022 to 1400 hours 14<sup>th</sup> August 2022 is enclosed for information / necessary action, please.

(Muhammad Ali Khan) Director (Response)

Tel No: 051-9030924 Fax No: 051-9030729

To: Secretary to Prime Minister, Prime Minister's Office, Islamabad Military Secretary to Prime Minister, Prime Minister's House, Islamabad

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, 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

## 1. **Deaths/ Injured**

## a. Last 24 Hours

Province /Region		Dea	ths			Inju	red		Remarks
Acgion	M	F	С	Т	M	F	С	Т	Remarks
AJ&K									NTR
Balochistan	6			6					Due to flash flood in Killa Abdullah.
GB									
ICT									NTR
KP									
Punjab		14	2	16	-(33)	-(14)	20	-(27)	Data updated by the PDMA
Sindh	2	4	-(2)	4	33	-(11)	13	35	<ul> <li>Data updated by the PDMA</li> <li>Injuries reported from TMK, SBA &amp; KSK</li> </ul>
Total	8	18	0	26	0	-(25)	33	8	

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

Province		Deaths			In	jured		
/Region	M	F	С	Т	M	F	С	Т
AJ&K	16	12	1	29	11	6	0	17
Balochistan	87	45	56	188	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	36	38	137	127	90	60	277
Sindh	56	15	63	134	259	115	105	479
Total	254	134	230	618	479	266	237	982

## 2. <u>Damages of Infrastructure & Private Properties</u>

## a. Last 24 Hours

Province	Roads	Bridges	Shops		Houses		Livestock
/Region	(km)	Bridges	Silops	PD	FD	Total	
AJ&K	-	-	-	2	10	12	-
Balochistan	-	-	-	1275	400	1675*	-
GB	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-
KP	-	-	-	10	2	12	-
Punjab	-	-	-	5909	6385	12294**	-
Sindh	-	-	-	4107	115	4222	12
TOTAL	-	-	-	10026	6502	16528	12

<sup>\*</sup> Flash Floods in Killa Saifullah, Killa Abdullah, Zhob & Mach.

<sup>\*\*</sup> Data updated by the PDMA

# b. Cumulative Report (14 June to date)

Province /Region	Roads (km)	Bridges	Shops			Livestock	
Aregion	(KIII)			PD	FD	Total	
AJ&K	0	0	10	122	229	351	746
Balochistan	670	16	0	14660	5102	19762	26,929
GB	2	52*	0	162	283	445	0
ICT	0	0	0	0	0	0	0
KP	6.5	7	0	3892	1092	4983	322
Punjab	33	7	1	6002	6391	12393	13
Sindh	2135.4	45	32	26902	5038	31940	1976
TOTAL	2846.9	127	43	51740	18135	69874	29,986

<sup>\*</sup> Foot bridge at Satil Tangir damaged due to flash flood.

# 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	Traffic ply though temporary track		
GB	1	Hisper valley road	Landslide	In progress	Yes	
ICT			NTR			
KP	1	KKH	Flash Flood	Diversion made for light traffic	Yes	
Punjab 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	17	548,927	NR	365
Total	103	1,087,654	10,464	15,205

# 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

ltem	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	20015	9880	12730	13260	4000	8350	31050	9200	30337	0	7020	5270	100	450	167	100	6	24
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	19610	0	55975	1060	1700	6080	39	110	9350	45	0	1610	0	500	50	2320	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

Sr#	Province	District	Relief Items	Quantity	Organization
			Cooked Food (No.)	750	
1	Sindh	Mirpur Khas	Drinking Water (Families)	130	Donny Annaal
'	Siriuri	Qambar	Cooked Food (No.)	650	Penny Appeal
		Shahdadkot	Drinking Water (Families)	125	

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

S#	Relief Items	Punjab	Sindh	KP	Bltn	Total	Major contributor
1	Food Packs (No)	1277	501	700	19,663	22,141	RP,
2	Cooked Food (Nos.)	16,979	9,580	2,250	3,110	31,919	
4	Drinking Water (Litre)	4,741	1,545	300	67,390	73,976	HHRD)
5	Tents (No)	-	-	-	858	858	ds (l
6	Shelter Kits (No)	-	-	-	1800	1800	Helping Hand
7	Dewatering Pumps (No)	3	5	-	-	8	I, Helpir Red C
8	Water Filtration / Purification Plant (No)	-	-	2	6	8	Nestle Pk, WHO, KORT Relief, PRCS, Penny Appeal, Muslim Hands, Muslim Aid, UAE
9	Hygiene Kits (No)	160	650	900	5,320	7,030	PRCS, nds, Mu
10	Medical Support (Persons)	690	2,482	-	7,160	10,332	RT Relief, I Muslim Har
11	Medicine (No)	-	-	-	134,691	134,691	, KO
12	Aqua Tabs (No)	-	-	-	200,000	200,000	Pk, WF
13	Jerry Cans (No)	-	100	1800	-	1900	lestle
14	NFIs (No.)	479	652	131	3,161	4,423	Z

- 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. **Dam/ Reservoir Levels**

Reservoirs	Max Conservatio Storaç	Today's L Current L & Stora	_evel	Remaining Level & Storage		
	Feet	(MAF)	Feet	(MAF)	Feet	(MAF)
Tarbela	1,550.00	5.827	1545.70	5.581	4.3	0.246
Mangla	1,242.00	7.356	1169.5	2.639	72.5	4.697
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 13th August 2022.

#### 9. Flood Alert / River Flows.

- River Indus at Guddu & Kotri are in low flood level.
- Medium to high level flooding is expected in the Hill Torrents of DG Khan Division during next 24-hours, while flash flooding is expected in the Tributaries of Rivers Kabul & Indus after 24-hours.

Structures	Designed		eak Floods ed to-date*	Last Y	ear Flow	Today Actu	al Flow with I	Flood Classification	Comparative Danger		
Structures	Capacity	Discharge	Date	Inflow	Outflow	Inflow	Outflow	Flood Classification*	(VHF) Classification		
1	2	3	4	5	6	7	8	9	10		
River Indus											
<ul> <li>Tarbela Reservoir</li> </ul>	1,500,000	604,000	30-7-2010	170,000	140,000	237,000	218,000	Normal	650,000		
Kalabagh	950,000	950,000	14-7-1942	187,000	179,000	188,000	181,000	Normal	650,000		
<ul> <li>Chashma Reservoir</li> </ul>	950,000	1,036,673	01-8-2010	176,000	166,000	266,000	248,000	Normal	650,000		
Taunsa	1,000,000	959,991	02-8-2010	159,000	131,000	224,000	203,000	Normal	650,000		
Guddu	1,200,000	1,199,672	15-8-1976	133,000	97,000	208,000	202,000	Low Flood (R)	700,000		
Sukkur	900,000	1,161,000	16-8-1976	98,000	44,000	140,000	106,000	Normal	700,000		
Kotri	875,000	981,000	14-8-1956	131,000	95,000	232,000	220,000	Low Flood (S)	650,000		
River Kabul											
Warsak	540,000				25,000		29,000	Normal	200,000		
<ul> <li>Nowshera</li> </ul>		450,000	29-07-2010		38,000		52,000	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		7,000		12,000	Normal	150,000		
Charsadda Road	150,000	360,000	30-07-2010		7,000		11,000	Normal	100,000		
River Jhelum											
Mangla Reservoir	1,060,000	1,090,000	10-9-1992	34,000	21,000	30,000	10,000	Normal	225,000		
• Rasul	850,000	952,170	10-9-1992	19,000	16,000	6,000	NIL	Normal	225,000		
River Chenab									,		
Marala	1,100,000	1,100,000	26-8-1957	60,000	26,000	61,000	44,000	Normal	400,000		
Khanki	1,100,000	1,086,460	27-8-1959	27,000	20,000	77,000	71,000	Normal	400,000		
Oadirabad	900,000	948,530	11-9-1992	23,000	3,000	102,000	83,000	Normal	400,000		
Trimmu	875,000	943,225	08-7-1959	22,000	9,000	113,000	104,000	Normal	450,000		
Panjnad	865,000	802,516	17-8-1973	21,000	8,000	40,000	32,000	Normal	450,000		
River Ravi	-	,				.,					
• Jassar	275,000	680,000	05-10-1955		5,000		11,000	Normal	150,000		
Shahdara	250,000	680,000	22-9-1988		22,000		12,000	Normal	135,000		
Balloki	380,000	336,200	28-9-1988	34,000	6,000	43,000	18,000	Normal	135,000		
Sidhnai	150,000	330,210	02-10-1988	21,000	3,000	23,000	12,000	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	3,000	2,000	Normal	175,000		
	200,000	4749.01	11 10 1755	-,000		2,000	2,000		175,500		

**<u>Authority</u>**: FFC Daily Weather & Flood Situation Report dated 13<sup>th</sup> August 2022.

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

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 <sup>th</sup> Aug)	1635.94	50,747	19,227
b.	Pong Dam River Beas	1390	4.991	2.581 (11 <sup>th</sup> Aug)	1356.70	62,693	9,009
C.	Thein Dam River Ravi	1732	1.900	1.370 (11 <sup>th</sup> Aug)	1704.44 (11 <sup>th</sup> Aug)	Not Available	Not Available

<u>Authority</u>: Ministry of Water Resources, Office of PCIW report of 13<sup>th</sup> August 2022. <u>Summary Pre- Monsoon and Monsoon Spells Till 13<sup>th</sup> Aug 22</u>

## 11.

Provinces/ Region	30 Years Average	Rainfall	Departure (%)	
1101111000, 11091011	(mm)	Monsoon-22 (mm)		
Pakistan	112.6	232.6	106.57	
AJ&K	308	309.2	0.39	
Balochistan	53.1	185.4	249.15	
Gilgit Baltistan	31.5	47.8	51.75	
Khyber Pakhtunkhwa	195	217.9	11.74	
Punjab	181.4	317	74.75	
Sindh	103.9	304.5	193.07	

## 12. Rainfall Last 24 Hours

Stations	Dainfall (mm)			
Stations	Rainfall (mm)			
CLI	Sindh			
Chhor	110			
Jacobabad	70			
Rohri	68			
Padidan	33			
Sukkur, Sakrand	27			
Shaheed Benazirabad	26			
Karachi	Saddar 15, Masroor Base 10, Kemari, Saadi Town, Quaidabad, Gulshan Hadid, Faisal Base 07, Nazimabad 06, Old Area Airport, City 04, University Road, Sarjani Town, Gulshan-e-Maymar, DHA 03, Korangi 02 & Jinnah Terminal 01			
Larkana	06			
Tandojam	5			
Mohenjodaro, Dadu	3			
Mithi	02			
Larkana	1			
Hyderabad	Trace			
Balochistan				
Barkhan	110			
Sibbi	26			
Ormara	8			
Panjgur, Pasni	5			
Turbat, Quetta (Samungli)	3			
Khuzdar, Lasbella, Turbat, Dalbandin, Loralai, Pishin	01			
Punjab				
D.G. Khan	Fort Munro 64 & City 02			
Khanpur	56			
R Y Khan	48			
Murree	16			
Bahawalpur	A/P 04 & city 02			
Rajanpur (Bhandu Wala)	06			
D G Khan	02			

Kashmir				
Garhi Dupatta	21			
Chattar Kalas	06			
Bandi Abbaspur, Barnala	01			
Gilgit-Baltistan				
Babusar	02			
Skardu, Gupis, Bagrote	Trace			
Khyber-Pakhtunkhwa				
Buner, Ghalanai	01			

Authority: PMD Daily Weather & Flood Situation Report dated 14th August 2022.

- 13. <u>Weather Forecast for next 24 hours by PMD</u>. Scattered thunderstorm/rain of moderate intensity with isolated heavy falls is expected over Sindh, Eastern & Coastal Balochistan along with DI Khan, DG Khan, Multan & Bahawalpur Divisions. Scattered thunderstorm/rain of moderate intensity is expected over the upper catchments of all the Major Rivers along with Islamabad and Rawalpindi, Peshawar, Gujranwala, Lahore & Sargodha Divisions. Isolated thunderstorm/rain is expected over rest of the country.
- 14. <u>Weather Alert / Advisory / Press Release</u>. 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).

> (Muhammad Ali Khan) Director (Response) Tel No: 051-9030924

Fax No: 051-9030729