



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

Dated: 12<sup>th</sup> August 2022Subject: **NDMA Monsoon 2022 Daily Situation Report No 060**

NDMA Monsoon 2022 Daily Situation Report No 060, covering period from 1300 hours on 11<sup>th</sup> August 2022 to 1300 hours 12<sup>th</sup> August 2022 is enclosed for information / necessary action, please.

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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  
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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

1. Deaths/ Injureda. Last 24 Hours

Province /Region	Deaths				Injured				Remarks
	M	F	C	T	M	F	C	T	
AJ&K									NTR
Balochistan									
GB									
ICT									
KP			2*	2		1	5	6**	* Due to roof collapse in Khyber ** Due to roof collapse in Khyber and Mardan
Punjab					2		1	3*	* Due to roof collapse in Hafizabad
Sindh									NTR
<b>Total</b>			<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>6</b>	<b>9</b>	

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	77	44	55	176	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	66	118	34	44	49	127
Punjab	63	21	36	120	160	104	40	304
Sindh	54	11	65	130	221	109	92	422
<b>Total</b>	<b>242</b>	<b>114</b>	<b>226</b>	<b>582</b>	<b>474</b>	<b>274</b>	<b>200</b>	<b>948</b>

2. Damages of Infrastructure & Private Propertiesa. Last 24 Hours

Province /Region	Roads (km)	Bridges	Shops	Houses			Livestock
				PD	FD	Total	
AJ&K	-	-	-				
Balochistan	-	-	-				
GB	-	-	-				
ICT	-	-	-				
Khyber Pakhtunkhwa	-	1*	-	4	0	4	
Punjab	-	-	-	1			
Sindh	-	-	-	931	193	1124**	2
<b>TOTAL</b>	-	<b>1</b>	-	<b>936</b>	<b>193</b>	<b>8</b>	<b>2</b>

\* Compact Bridge on Achar Nullah washed away due to flash flood.

\*\* Data reconciled by PDMA, Sindh

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	3877	1090	4967	322
Punjab	33	7	1	93	6	99	13
Sindh	2135.4	45	32	22817	4520	27,337*	974
<b>TOTAL</b>	<b>2846.9</b>	<b>126</b>	<b>43</b>	<b>40454</b>	<b>10820</b>	<b>51,274</b>	<b>28,984</b>

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					
GB	1	Hisper valley road	Landslide	In progress	Yes
ICT	NTR				
KP	1	KKH	Flash Flood	-	-
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	28	435,738	NR	8,221
<b>Total</b>	<b>114</b>	<b>974,465</b>	<b>10,464</b>	<b>23,061</b>

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
<b>Total</b>	<b>11615</b>	<b>8650</b>	<b>11400</b>	<b>9915</b>	<b>8400</b>	<b>5000</b>	<b>7700</b>	<b>4500</b>	<b>160</b>	<b>117</b>	<b>65</b>

6. **Relief Provided by PDMA**

Item	Tents	Blankets/ Quilt	Net Mosquito	Tarpaulin	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	19340+52	9680	12330	12560	3500	8350	90	9000	29637	0	7020	4970	100	250	167	100	6	16
GB	465	182+30	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	47,275	1060	500	5580	39	110	9350	45	0	1610	0	500	50	2320	20	124
<b>Total</b>	<b>41594</b>	<b>12550</b>	<b>55358</b>	<b>14676</b>	<b>7102</b>	<b>13930</b>	<b>149</b>	<b>100</b>	<b>78110</b>	<b>45</b>	<b>5875</b>	<b>6424</b>	<b>135</b>	<b>1373</b>	<b>217</b>	<b>1320</b>	<b>26</b>	<b>120</b>

## 7. Relief Provided by Humanitarian Agencies

### (a) Last 24 hours

S#	Province	District	Relief Items	Qty	Organization
1	Punjab	DG khan	Cooked Food (No.)	500	Muslim Hands
			Medical Support (Patients)	280	Helping Hands for Relief and Development
			NFIs (No.)	119	
			Drinking Water (Litre)	200	
2	Balochistan	Sibi	NFIs (HH)	50	Muslim Hands
		Jhal Magsi	Food Packs (No.)	573	

### (b) Cumulative Relief by Humanitarian Agencies

S#	Relief Items	Punjab	Sindh	KP	BLN	Total
1	Food Packs (No)	970	501	700	13,583	15,754
2	Cooked Food (Nos.)	12,889	8,230	2,250	3,110	26,479
3	Dates (Carton)	-	-	-	5,000	5,000
4	Drinking Water (Litre)	4,491	1,290	300	67,390	73,471
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)	466	2,482	-	7,160	10,108
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.)	404	652	131	2,661	3,848

## 8. Dam/ Reservoir Levels

Reservoirs	Max Conservation Level & Storage		Today's Level Current Level & Storage		Remaining Level & Storage	
	Feet	(MAF)	Feet	(MAF)	Feet	(MAF)
Tarbela	1,550.00	5.827	1544.20	5.49	5.8	0.332
Mangla	1,242.00	7.356	1167.8	2.56	74.2	4.796
Chashma	649.00	0.278	645.70	0.145	3.3	0.133

MAF - Million Acre Feet

**Authority:** FFC's Daily Weather & Flood Situation Report dated 12<sup>th</sup> August 2022.

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

- River Chenab at Khanki is in high flood level (Falling), at Qadirabad is in medium flood level (Rising) and at Marala is in low flood level (falling).
- River Indus at Kotri is also in low flood level.
- Medium to high level flooding is likely to continue in the Rivers\Nullahs of Chenab & Ravi during next 24-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
<b>River Indus</b>									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	158,000	153,000	234,000	143,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	152,000	145,000	220,000	214,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	178,000	166,000	256,000	241,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	169,000	149,000	171,000	154,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	161,000	122,000	180,000	143,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	123,000	65,000	139,000	102,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	128,000	92,000	221,000	205,000	Low Flood (R)	650,000
<b>River Kabul</b>									
• Warsak	540,000				22,000		30,000	Normal	200,000
• Nowshera		450,000	29-07-2010		34,000		41,000	Normal	200,000
<b>River Swat</b>									
• Chakdara Bridge		360,000	30-07-2010		14,000		12,000	Normal	150,000
• Munda( H. Works)		355,000	29-07-2010		6,000		8,000	Normal	150,000
• Charsadda Road	150,000	360,000	30-07-2010		7,000		9,000	Normal	100,000
<b>River Jhelum</b>									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	35,000	12,000	32,000	14,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	19,000	16,000	16,000	5,000	Normal	225,000
<b>River Chenab</b>									
• Marala	1,100,000	1,100,000	26-8-1957	56,000	21,000	142,000	130,000	Low Flood (F)	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	27,000	20,000	217,000	211,000	High Flood (R)	400,000
• Qadirabad	900,000	948,530	11-9-1992	21,000	1,000	196,000	177,000	Med Flood (R)	400,000
• Trimmu	875,000	943,225	08-7-1959	22,000	6,000	58,000	49,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	27,000	12,000	46,000	34,000	Normal	450,000
<b>River Ravi</b>									
• Jassar	275,000	680,000	05-10-1955		6,000		21,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		22,000		19,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	37,000	9,000	40,000	16,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	24,000	6,000	26,000	12,000	Normal	90,000
<b>River Sutlej</b>									
• Suleimanki	325,000	598,872	08-10-1955	16,000	2,000	11,000	1,000	Normal	175,000
• Islam	300,000	492,581	11-10-1955	1,000	NIL	5,000	4,000	Normal	175,000

**Authority:** FFC Daily Weather & Flood Situation Report dated 12<sup>th</sup> August 2022.

10. **Daily Flood / Base Flow Data Obtained from India.**a. **Dams Level:**

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 22)	1633.96	64,577	18,569
b.	Pong Dam River Beas	1390	4.991	2.581 (11 <sup>th</sup> Aug)	1354.44	99,425	2,509
c.	Thein Dam River Ravi	1732	1.900	1.370 (11 <sup>th</sup> Aug)	1704.44 (4 Aug)	Not Available	Not Available

**Authority:** Ministry of Water Resources, Office of PCIW report of 12<sup>th</sup> August 2022.

11. **Summary Pre- Monsoon and Monsoon Spells Till 12<sup>th</sup> 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)
<b>Kashmir</b>	
Haraman	103
Muzaffarabad	(City 26, A/P 20)
Kotli	17
Banid Abbaspur	10
Barnala	04
Garidupatta	01
Rawalakot	Trace
<b>Punjab</b>	
Hafizabad	91
Gujrat	72
Sialkot	(A/P 70, City 12)
Mandi Bahaudin	51
Mangla	46
Sargodha city	42
Murree	14
Fort Munro	10
Vehova	09
Islamabad	(Zero point 09, Saidpur 4, Golra 2, A/P Trace)
Chakwal, Narowal	07
Bhakkar, Noor Pur Thal	04
Jhelum	03
Kot addu, Kamra	02
Joharabad, Zain Sanghar Nullah	01
Chaklala (Rawalpindi), Sahiwal Okara, Lahore (City, A/P), Layyah (Karor), Faisalabad	Trace
Ghalanai	01
<b>Balochistan</b>	
Muslim Bagh	10
Loralai	05
Ormara	03
Kalat	02
<b>Gilgit-Baltistan</b>	
Chilas, Babusar, Gupis	Trace

<b>Sindh</b>	
Karachi	Quaidabad 40, Gulshan e Hadid 28, Faisal Base 23, Saddar 22, Jinnah Terminal 20, AP old area 17, DHA Phase II 14, Korangi 10, University Road 09, Kemari 03, Surjani Town, Saadi town 02, Masroor Base, North Karachi 01, Orangi Town, Nazimabad Trace
Tando Jam	07
Mithi	06
Chhor	05
Mirpur Khas	04
Thatta	03
Sakrand	02
Hyderabad	Trace
<b>Khyber-Pakhtunkhwa</b>	
Bajaur	Pasht 34, Khaar 07
Balakot	34
Malam Jabba	29
Dir	(Upper 28, Lower 8)
Saidu Sharif, Bannu	13
Parachinar	10
Mamad Gut	09
Tirah Khyber	07
D.I.Khan	AP 05, City Trace
Buner	03
Peshawar City, Kalam, Takht Bhai, Bacha Khan (A/P), Mohmand Dam	02

**Authority:** PMD Daily Weather & Flood Situation Report dated 12<sup>th</sup> August 2022.

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

14. **Weather Alert / Advisory / Press Release.** Pakistan Meteorological Department (PMD) has informed that strong monsoon currents are continuously penetrating the Country and likely to become stronger from 10 August (Wednesday), under the influence of this system, following is expected: -

**a. Islamabad Capital Territory**

- Rain-wind / thundershowers with isolated heavy falls expected in Islamabad with occasional gaps from 6-9 August (Saturday to Tuesday).
- More rain-wind / thundershowers with scattered heavy falls expected in Islamabad with occasional gaps from 10-13 August (Wednesday to Saturday).

**b. Balochistan**

- Rain-wind / thundershowers with isolated heavy falls expected in Eastern Balochistan with occasional gaps from 6-9 August (Saturday to Tuesday).
- More rain-wind / thundershowers with scattered heavy falls expected in parts of Balochistan with occasional gaps from 10-13 August (Wednesday to Saturday).

**c. Khyber Pakhtunkhwa**

- Rain-wind / thundershowers with isolated heavy falls expected in Upper Khyber Pakhtunkhwa with occasional gaps from 6-9 August (Saturday to Tuesday).
- More rain-wind / thundershowers with scattered heavy falls expected in Khyber Pakhtunkhwa with occasional gaps from 10-13 August (Wednesday to Saturday)



d. **Punjab**

- Rain-wind / thundershowers with isolated heavy falls expected in Northeast Punjab with occasional gaps from 6-9 August (Saturday to Tuesday).
- More rain-wind / thundershowers with scattered heavy falls expected in Punjab with occasional gaps from 10-13 August (Wednesday to Saturday)

e. **Sindh**

- Rain-wind / thundershowers with isolated heavy falls expected in Southeastern Sindh with occasional gaps from 6-9 August (Saturday to Tuesday).
- More rain-wind / thundershowers with scattered heavy falls expected in Sindh with occasional gaps from 10-13 August (Wednesday to Saturday)

f. **Gilgit Baltistan**

- Rain-wind / thundershowers with scattered heavy falls expected in Gilgit Baltistan with occasional gaps from 10-13 August (Wednesday to Saturday)

g. **Azad Jammu & Kashmir**

- Rain-wind / thundershowers with isolated heavy falls expected in AJ&K with occasional gaps from 6-9 August (Saturday to Tuesday).
- More rain-wind / thundershowers with scattered heavy falls expected in AJ&K with occasional gaps from 10-13 August (Wednesday to Saturday).



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