

**MOST IMMEDIATE / BY FAX**

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



Dated: 21 July 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 037**

NDMA Monsoon 2022 Daily Situation Report No 037, covering period from 1300 hours on 20 July 2022 to 1300 hours 21 July 2022 is enclosed for information /necessary action, please.

**(Muhammad Ali Khan)**  
**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, 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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 Director (SOF & Marines), Naval Headquarters, Islamabad  
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 Director (Finance), NDMA  
 Director (Media & IT), NDMA  
 to Chairman, NDMA



**Government of Pakistan  
Prime Minister's Office  
National Disaster Management Authority  
Islamabad**



**MONSOON 2022 DAILY SITUATION REPORT NO – 037**  
**(Period Covered: 1300 hrs 20 July 2022 – 1300 hrs 21 July 2022)**

**1. Area Affected (Last 24 Hours)**

Ser	Province/ Rgn	Daily Incident
a.	AJK	NTR
b.	Khyber Pakhtunkhwa	NTR
c.	Balochistan	<b><u>District Jaffarabad.</u></b> 01x male died due to collapse of boundary wall during heavy Rainfall, at Tehsil Jhat pat.
d.	Punjab	NTR
e.	Sindh	<b><u>District Dadu.</u></b> 01x child expired on the 8th of July, 2022, due to collapse of a wall during heavy rainfall (reported on 21 July, 2022).
f.	ICT	NTR
g.	GB	NTR

**2. Cumulative Damages/ Relief Activities (14 June to date)**

**a. Summary of Casualty – Injured/ Death**

Province	Deaths				Injured			
	M	F	C	T	M	F	C	T
AJ&K	04	01	-	05	04	04	-	08
BIn	31	28	31	90	38	13	12	63
GB	01	04	03	08	03	-	-	03
ICT	01	-	-	01	-	-	-	-
KP*	26	04	26	56	13	17	13	43
Punjab	36	09	12	57	41	24	05	70
Sindh	29	03	37	69	12	05	08	25
<b>Total</b>	<b>115</b>	<b>49</b>	<b>112</b>	<b>286</b>	<b>111</b>	<b>63</b>	<b>38</b>	<b>212</b>

Reference: Latest Provincial Sitreps.

**Note:** \* Data is being reconciled.

b. **Summary of Damages of Infrastructure & Private Properties**

Province/ Rgn Wise	Road	Bridges	Shops	Houses		Livestock
				PD	FD	
AJ&K	-	-	05	04	54	741
Balochistan	550 km	09	-	1417	2536	706
GB	2 km	13	-	173	-	-
ICT	-	-	-	-	-	-
KP	6.5km	-	-	1739	406	186
Punjab	-	-	-	07	1	-
Sindh	2 km	-	-	29	38	21
<b>Total</b>	<b>560.5km</b>	<b>22</b>	<b>05</b>	<b>3,369</b>	<b>3,035</b>	<b>1,654</b>
				<b>6,404</b>		

Note: PD: Partially Damaged, FD: Fully Damaged

Survey of damaged infrastructure is underway and data will be updated on receipt of final reports.

- c. **Relief Activities**. PDMA Balochistan dispatched 50x tents, 200x tarpaulins, 200x plastic mats, 250x quilts, 200x mosquito nets, 200x gas cylinders (10 kg) and 1100x food packs to District Panjgure and Quetta.
- d. **Relief Camps Established**. NTR
- e. **Rehabilitation Activities**. NTR
- f. **Rescue Activities**. NTR
- g. **Aviation Activities**. NTR
3. **River Discharges**. All the Major Rivers are flowing below "Flood Limits". Details of river discharges are attached as **Annex A**.
4. **Dams Levels**.

Ser	Reservoirs	Max Conservation Level & Storage		Current Level & Storage		Remaining Level & Storage	
		(Feet)	(MAF*)	(Feet)	(MAF*)	(Feet)	(MAF*)
a.	Tarbela	1,550.00	5.882	1499.73	3.179	<b>51</b>	<b>2.712</b>
b.	Mangla	1,242.00	7.356	1132.25	1.142	<b>111.05</b>	<b>6.214</b>
c.	Chashma	649.00	0.278	643.70	0.093	<b>3.5</b>	<b>0.185</b>
<b>Total Storage</b>				- <b>13.516 (MAF)</b>			
<b>Total Storage till 21 July, 2022</b>				- <b>4.414 (MAF)</b>			
<b>Remaining Storage</b>				- <b>9.111 (MAF)</b>			

Reference: Federal Flood Commission

5. **Weather Forecast for Next 24 Hours by PMD**. Scattered thunderstorm/rain of moderate intensity with isolated heavy falls is expected over the upper catchments of all the Major Rivers along with Peshawar, Kohat, Banu, D.I.khan, Rawalpindi, Sargodha, Multan & D.G.Khan Divisions. Scattered to widespread thunderstorm/rain of moderate intensity with isolated heavy to very heavy falls is expected over Gujranwala, Lahore, Faisalabad, Sahiwal & Bahawalpur Divisions. Isolated

thunderstorm/rain is expected over Sindh and East Balochistan.

6. **Rainfall Last 24 Hours**. Attached as **Annex B**.
7. **Weather Advisory / Press Release**. In response to PMD Weather Forecast, NDMA has issued weather advisory to all concerned on 19th July 2022, that strong monsoon currents are likely to penetrate Upper & Central parts of the Country from 20 July (Wednesday) and likely to spread to other parts of the Country from 21 July (Thursday), under the influence of this system, following is expected: -
  - a. **Islamabad Capital Territory** More rain-wind / thundershowers with scattered heavy falls expected in Islamabad with occasional gaps from 20-26 July (Wednesday-Tuesday).
  - b. **Balochistan** More rain-wind / thundershowers with few heavy falls expected in Barkhan, Bolan, Jaffarabad, Kalat, Khuzdar, Kohlu, Lasbela, Naseerabad, Sibbi, Zhob and Ziarat from 22-26 July (Friday-Tuesday).
  - c. **Khyber Pakhtunkhwa** More rain-wind / thundershowers with scattered heavy falls expected in Abbottabad, Haripur, Kohat, Kohistan, Kurram, Mansehra, Mardan, Peshawar, Swabi and Swat with occasional gaps from 20-26 July (Wednesday-Tuesday).
  - d. **Punjab** More rain-wind / thundershowers with scattered heavy falls expected in Attock, Chakwal, Faisalabad, Gujranwala, Gujrat, Hafizabad, Jhang, Jhelum, Khushab, Lahore, Mandi Bahauddin, Mianwali, Murree, Narowal, Rawalpindi, Sargodha, Sheikhpura and Sialkot with occasional gaps from 20-26 July (Wednesday- Tuesday).
  - e. **Sindh** More rain-wind / thundershowers with few heavy falls expected in ALL DISTRICTS OF SINDH from 24-26 July (Sunday-Tuesday).
  - f. **Gilgit Baltistan** More rain-wind / thundershowers with scattered heavy falls expected in Gilgit Baltistan with occasional gaps from 20-26 July (Wednesday-Tuesday).
  - g. **Azad Jammu & Kashmir** More rain-wind / thundershowers with scattered heavy falls expected in AJ&K with occasional gaps from 20-26 July (Wednesday-Tuesday).

## 8. Daily Flood / Base Flow Data Obtained from India.

Ser	Dam	Full Reservoir Level	Live Storage Capacity at FRL (MAF)	Current Live Storage (MAF) 14-07-2022	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	5.050	1.084	1573.4	41541	28459
b.	Pong Dam River Beas	1390	4.991	0.782	1308.15	27382	5010
c.	Thein Dam River Ravi	1732	1.900	0.702	1658.71	Not Available	Not Available

**Reference:** Ministry of Water Resources, Office of PCIW report dated 15 July,2022.

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**RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION**

Rivers	Station	Design Capacity	Actual Observed Flow		Forecast for Next 24 hrs (Inflow)	Forecasted Flood Level (Inflow)	Danger Level (V. High Flood)
			Inflow	Outflow			
River Indus	Tarbela	1,500	191.0	163.7	190-215	Below Low	650
	Kalabagh	950	156.4	148.4	No significant change	-do-	650
	Chashma	1,000	221.5	203.0	-do-	-do-	650
	Taunsa	1,000	182.9	158.8	-do-	-do-	650
	Guddu	1,200	166.3	128.6	-do-	-do-	700
	Sukkur	900	174.1	135.8	-do-	-do-	700
	Kotri	875	83.4	49.9	85-105	-do-	650
River Kabul	Nowshera	540	48.7	48.7	No significant change	-do-	200
River Jhelum	Mangla	1,060	38.0	12.9	30-60	-do-	225
	Rasul	850	12.3	0.0	No significant change	-do-	225
River Chenab	Marala	1,100	93.7	64.9	100 R 160	Low to Medium	400
	Khanki	1,100	67.9	61.1	80-120	Low	400
	Qadirabad	900	53.6	31.6	55-85	Below Low	400
	Trimmu	875	32.2	17.0	No significant change	-do-	450
	Punjnad	865	29.8	19.3	-do-	-do-	450
River Ravi	Jassar	275	6.4	6.4	07-15	-do-	150
	Shahdara	250	17.0	17.0	No significant change	-do-	135
	Balloki	380	33.9	8.3	34-45	Low	135
	Sidhnai	150	18.0	9.2	No significant change	Below Low	90
River Sutlej	G.S. Wala	-	0.03	0.03	-do-	-do-	50
	Sulemanki	325	22.6	15.7	-do-	-do-	175
	Islam	300	11.7	11.0	-do-	-do-	175

**Note.** All data in Thousands of Cusecs

**Annex B**

To NDMA SITREP No-037

Dated 21 July 2022

**SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS**

Stations	Rainfall (mm)
<b>Punjab</b>	
Lahore	(Airport 158, Tajpura 155, Mughalpura 133, Lakshami Chowk 119, Chowk Nakhuda 112, Pani Wala Talab, 111, Gulshan-e-Ravi 98, Uppar Mal 96, Nishtar Town 92, Johar Town 91, Farrukhabad 77, Samanabad, City 62, Iqbal Town 56 & Head office Wasa 54,
Sialkot	(City 156 & A/P 115)
Narowal	147
Kasur	73
Gujrat	68
Rawalpindi	(Kehchari 60, Chaklala 15 & Shamsabad 03)
Murree	45
Jhelum	40
Mangla	28
Gujranwala	22
M. B. Din	12
Islamabad	(A/P 10 & Zero Point 01)
D. G Khan	(Vehova 05 & Forte Munro Trace)
D. I Khan, Bahawalpur & Hafizabad	Trace
<b>Khyber-Pakhtunkhwa</b>	
Buner	18
Tirah Khyber	04
Balakot	03
Kakul	02
Takht Bhai	Trace
<b>Kashmir</b>	
Bandi Abbaspur	17
Kotli	08
Muzaffarabad	(A/P 05 & City 02)
Haraman	04
Chattar Kalas	03
Garhidupatta	Trace
<b>Balochistan</b>	
Barkhan	05
Kohlu	03
Zhob	01
<b>Sindh</b>	
Karachi	(DHA Phase II 06, Korangi 02, University Road 01, Old area, Jinnah Terminal, Faisal Base, Masroor Base, North Karachi, Qaidabad, Saddi Town, Gulshane Hadeed & Kemari Trace)
Thatta	01
Badin	Trace
<b>Gilgit-Baltistan</b>	
NIL	