

**MOST IMMEDIATE / BY FAX**

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



Dated: 20 July 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 036**

NDMA Monsoon 2022 Daily Situation Report No 036, covering period from 1300 hours on 19 July 2022 to 1300 hours 20 July 2022 is enclosed for information / necessary action, please.

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**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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 Arms Branch, Engineers Directorate, GHQ, Rawalpindi  
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 Director (Logistics), NDMA  
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 Director (Finance), NDMA  
 Director (Media & IT), NDMA  
 to Chairman, NDMA



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Islamabad



**MONSOON 2022 DAILY SITUATION REPORT NO – 036**  
(Period Covered: 1300 hrs 19 July 2022 – 1300 hrs 20 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 Quetta</u></b> . 02x children and 01x male drowned in flash flood at Killi Baghazai / kili Akbar area.
d.	Punjab	NTR
e.	Sindh	NTR
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	29	28	31	88	38	13	11	62
GB	01	04	03	08	03	-	-	03
ICT	01	-	-	01	-	-	-	-
KP	13	04	29	56	13	17	13	43
Punjab	36	09	12	57	41	24	05	70
Sindh	38	11	18	67	12	05	08	25
<b>Total</b>	<b>122</b>	<b>67</b>	<b>93</b>	<b>282</b>	<b>111</b>	<b>63</b>	<b>37</b>	<b>211</b>

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	550km	09	-	592	2536	706
GB	2 km	13	-	173	-	-
ICT	-	-	-	-	-	-
KP	6.5km	-	-	1739	406	186
Punjab	-	-	-	07	1	-
Sindh	1 km	-	-	10	1	21
<b>Total</b>	<b>559.5km</b>	<b>22</b>	<b>05</b>	<b>2,525</b>	<b>3,123</b>	<b>1,654</b>
				<b>5,648</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 Sindh provided 28x truck-mounted dewatering pumps, 33x ground standing de-watering pumps, 565x tents, 675x mosquito nets, 18x OBM, 12x dead body bags, 60x kitchen sets, 60x plastic tarpaulin, 60x jerry cans, 60x water coolers, 120x folding belts, 120x pillows, 120x bed sheets and 1x 4 inch delivery pipe to the flood affected districts of Sindh.
- d. **Relief Camps Established**. PDMA Balochistan Established camps for IDPs at flood affected District Killa Saifullah, With Medical facilities, Tents, Clean Drinking Water, Grayscale water, Washrooms, Janitorial Services, Food and Non-Food items as well-as a school / madrasa is also established for children.
- e. **Rehabilitation Activities**.
- f. **Rescue Activities**.
- District Loralai**. 02x female dead bodies and 02x female injured have been rescued by DDMA Loaralai.
- District Quetta**. PDMA Rescue Team dispatched for search and rescue Operation.
- 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	1499.00	3.146	51	2.742
b.	Mangla	1,242.00	7.356	1130.95	1.099	111.05	6.257
c.	Chashma	649.00	0.278	645.50	0.139	3.5	0.139
<b>Total Storage</b>		-		<b>13.516 (MAF)</b>			
<b>Total Storage till 20 July, 2022</b>		-		<b>4.384 (MAF)</b>			
<b>Remaining Storage</b>		-		<b>9.138 (MAF)</b>			

**Reference:** Federal Flood Commission


5. **Weather Forecast for Next 24 Hours by PMD**. Scattered to widespread thunderstorm/rain of moderate intensity with isolated heavy to very heavy falls is expected over Gujranwala & Lahore Divisions. Scattered thunderstorm/rain of moderate intensity is also expected over the upper catchment of River Indus along with Sargodha, Faisalabad, Sahiwal & Kalat Divisions. Isolated thunderstorm/rain is expected in Khyber-Pakhtunkhwa and rest of Punjab.
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	168.0	155.6	170-195	Below Low	650
	Kalabagh	950	131.1	130.1	No significant change	-do-	650
	Chashma	1,000	202.6	190.0	-do-	-do-	650
	Taunsa	1,000	195.5	170.0	-do-	-do-	650
	Guddu	1,200	203.6	166.5	-do-	-do-	700
	Sukkur	900	181.4	141.1	180-200	Low	700
	Kotri	875	63.0	32.6	No significant change	Below Low	650
River Kabul	Nowshera	540	51.5	51.5	50-70	Low	200
River Jhelum	Mangla	1,060	30.0	13.5	40-60	Below Low	225
	Rasul	850	10.3	0.0	No significant change	-do-	225
River Chenab	Marala	1,100	61.0	32.9	80-120	Low	400
	Khanki	1,100	29.5	22.7	30 R 90	Below Low	400
	Qadirabad	900	28.1	6.1	No significant change	-do-	400
	Trimmu	875	49.3	34.1	-do-	-do-	450
	Punjnad	865	26.8	16.5	-do-	-do-	450
River Ravi	Jassar	275	5.0	5.0	05-10	-do-	150
	Shahdara	250	15.4	15.4	No significant change	-do-	135
	Balloki	380	33.7	8.3	-do-	-do-	135
	Sidhnai	150	20.9	12.3	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.03	0.03	-do-	-do-	50
	Sulemanki	325	24.8	17.9	-do-	-do-	175
	Islam	300	10.7	10.0	-do-	-do-	175

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

**SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS**

Stations	Rainfall (mm)
<b>Balochistan</b>	
Ziarat	23
Pishin	16
Mastung	06
Quetta	Trace
<b>Kashmir</b>	
Muzaffarabad	City 20 & AP 12
Haraman	11
Garhi Dupatta	02
Chakothi & Bandi Abbaspur	01
Barnala	Trace
<b>Punjab</b>	
Narowal	16
Islamabad	Saidpur 11, Zero point 02, Bokra, Golra 01 and AP Trace
Sialkot	City 09 & AP 02
Rawalpindi	Chaklala 05 & Shamsabad 02
Murree	05
Sahiwal	Trace
<b>Khyber-Pakhtunkhwa</b>	
Saidu Sharif & Kakul	01
<b>Sindh</b>	
Karachi	M O S, Nazimabad & Korangi Trace
<b>Gilgit-Baltistan</b>	
NIL	