

**MOST IMMEDIATE / BY FAX**

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



Dated: 16 July 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 032**

NDMA Monsoon 2022 Daily Situation Report No 032, covering period from 1300 hours on 15 July 2022 to 1300 hours 16 July 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), NDMA  
 to Chairman, NDMA



**MONSOON 2022 DAILY SITUATION REPORT NO – 032**

(Period Covered: 1300 hrs 15 July 2022 – 1300 hrs 16 July 2022)

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

Ser	Province/ Rgn	Daily Incident
a.	AJK	<b>NTR</b>
b.	Khyber Pakhtunkhwa	<p><b><u>Upper Dir.</u></b> 1 x house partially damaged due to heavy rain.</p> <p><b><u>District Kurram.</u></b> 1 x house completely damaged due to heavy rain.</p> <p><b><u>Lower Chitral.</u></b> Aishrat Main road is blocked due to a flash flood on 13 July.</p> <p><b><u>District Karak.</u></b> Due to flood from 11th July to 13th July following were reported in Tehsil Takht e Nasrati.</p> <ul style="list-style-type: none"> <li>• 1 x male and 1 x female died due to electrocution.</li> <li>• 300 x houses fully damage.</li> <li>• 1280 x houses partially damaged.</li> <li>• 40 x Cattle Perished.</li> <li>• 6.5 km road damaged.</li> </ul> <p><b><u>District Swabi.</u></b> 2 x houses completely damaged and 5 x houses partially damaged due to heavy rain.</p> <p><b><u>District Malakand.</u></b> 1 x house partially damaged due to heavy rain.</p> <p><b><u>District Swat.</u></b> 1 x house partially damaged due to heavy rain.</p> <p><b><u>District Abbottabad.</u></b> Landsliding reported near Naka Gali, Khotiala Road was blocked, however is open now.</p>
c.	Balochistan	<p><b><u>District Barkhan.</u></b> Due to heavy rain following reported: -</p> <ul style="list-style-type: none"> <li>• 1 x house completely damaged.</li> <li>• 3 x children injured.</li> <li>• 5 x sheep died.</li> <li>• 2 x bridges damaged (Kacher Kharchah Bridge and Mach City Link Bridge).</li> </ul> <p><b><u>District Dera Bugti.</u></b> Baikhar Bhal Dam damaged due to flood.</p>

		<p><b><u>District Khuzdar.</u></b> 20 x Kacha houses completely damaged due to heavy rain.</p> <p><b><u>District Lasbela.</u></b> Due to torrential downpour, Flash Flood generated which suspended traffic for 5 hrs on national highway.</p>
d.	Punjab	<p><b><u>District Muzaffargarh.</u></b> Canal breach occurred which damaged 2 x Houses partially and damaged some cotton crops. No loss of life reported. Breach was filled.</p> <p><b><u>District Bahawalnagar.</u></b> Canal breach occurred due to overflow. No damages reported. Bund is being re-enforced.</p> <p>Due to rains, 1 x House damaged, 5 x Injured.</p> <p><b><u>District Rawalpindi.</u></b> Due to rains, 1 x House damaged, 4 x Injured.</p> <p><b><u>District RYK.</u></b> Due to rains, 1 x House damaged, 4 x Injured.</p> <p><b><u>District Gujranwala.</u></b> Due to rains, 1 x House damaged, 1 x Injured.</p> <p><b><u>District Sheikhpura.</u></b> Due to rains, 1 x House damaged.</p> <p><b><u>District Kasur.</u></b> Due to rains, 1 x House damaged, 4 x Injured.</p>
e.	Sindh	<b>NTR</b>
f.	ICT	<b>NTR</b>
g.	GB	<b><u>District Hunza.</u></b> Misgar Valley Road blocked due to flash flood.

## 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	03	01	-	04	04	04	-	08
BIn	21	24	24	69	31	11	10	52
GB	1	06	01	08	03	-	-	03
ICT	01	-	-	01	-	-	-	-
KP	11	13	12	36	11	16	13	40
Punjab	14	06	06	26	46	27	11	84
Sindh	35	-	09	44	06	03	06	15
<b>Total</b>	<b>86</b>	<b>50</b>	<b>52</b>	<b>188</b>	<b>101</b>	<b>61</b>	<b>40</b>	<b>202</b>

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

Province/ Rgn Wise	Road	Bridge	Shop	Houses		Livestock
				PD	FD	
AJ&K	-	-	05	04	54	741
Balochistan	2 km	09	-	567	455	526
GB	1 km	13	-	21	-	-
ICT	-	-	-	-	-	-

KP	6.5km	-	-	1681	394	186
Punjab	-	-	-	07	1	-
Sindh	1 km	-	-	10	1	21
<b>Total</b>	<b>10.5km</b>	<b>22</b>	<b>05</b>	<b>2,290</b>	<b>905</b>	<b>1,475</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**

- (1) **PDMA Balochistan**. 4000 kg flour, 1000 litres cooking oil and 30 x cotton dates among flood affectees of District Pishin, Killa Abdullah and Chaman.
- (2) **District Karak**. District Administration along with Rescue 1122 Teams, Civil Defense and TMA are carrying out rescue and relief activities. Revenue Field Staffs are conducting damages assessment

d. **Relief Camps Established**. NTR

e. **Rehabilitation Activities**

- (1) **Lower Chitral**. C&W machinery mobilized for restoration of blocked Aishrat Main Road.
- (2) **District Abbottabad**. TMA Abbottabad cleared the blocked road and opened it for general traffic
- (3) **District Hunza**. 1 x Tractor mobilised to restore Misgar Valley Road.
- (4) **District Sibbi**. Mach Bridge restored, traffic is plying.

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	1496.74	3.043	53.26	2.839
b.	Mangla	1,242.00	7.356	1127.82	1.005	114.18	6.351
c.	Chashma	649.00	0.278	649.00	0.278	0	0
<b>Total Storage</b>		-		<b>13.516 (MAF)</b>			
<b>Total Storage till 16 July, 2022</b>		-		<b>4.048 (MAF)</b>			
<b>Remaining Storage</b>		-		<b>9.19 (MAF)</b>			

Reference: Federal Flood Commission

5. **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 Sindh, Balochistan along with Bahawalpur & D.G. Khan Divisions. Isolated thunderstorm/rain of moderate intensity is also expected over the upper catchments of all the Major River along with Peshawar Kohat, Bannu, D.I. Khan, Rawalpindi, Sargodha, Gujranwala, Lahore, Faisalabad, Sahiwal & Multan Divisions.

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 12<sup>th</sup> July 2022, that monsoon currents from the Bay of Bengal are continuously penetrating Upper & Central Parts of the Country, while another Strong Monsoon Low Pressure Area is likely to approach Sindh on 14 July (Thursday), under the influence of this system, following is expected: -
  - a. **Islamabad Capital Territory.** More Intermittent Rain-wind/ thundershowers with isolated heavy falls expected in Islamabad from 13-15 July (Wednesday-Friday).
  - b. **Balochistan.** More Widespread Intermittent Heavy to Very Heavy Rain-wind / Thundershowers expected in Awaran, Barkhan, Bolan, Dera Bugti, Jaffarabad, Jhalmagsi, Kalat, Khuzdar, Kohlu, Lasbela, Loralai, Naseerabad, Panjgur, Pasni, Sibbi, Turbat, Zhob and Ziarat from 14-17 July (Thursday-Sunday).
  - c. **Khyber Pakhtunkhwa.** More Intermittent Rain-wind / Thundershowers with isolated heavy falls expected in Abbottabad, Bannu, Haripur, Kohat, Kohistan, Kurram, Lakki Marwat, Mansehra, Mardan, Nowshera, Peshawar, Swabi and Swat from 13-15 July (Wednesday-Friday).
  - d. **Punjab.** More Intermittent Rain-wind / Thundershowers with isolated heavy falls expected in Attock, Bahawalnagar, Bahawalpur, Bhakkar, Chakwal, Dera Ghazi Khan, Faisalabad, Gujranwala, Gujrat, Hafizabad, Jhang, Jhelum, Khanpur, Lahore, Layyah, Mandi Bahauddin, Mianwali, Multan, Murree, Narowal, Okara, Rahim Yar Khan, Rajanpur, Rawalpindi, Sahiwal, Sargodha, Shekhupura and Sialkot from 13-15 July (Wednesday-Friday).
  - e. **Sindh.** More Widespread Intermittent Heavy to Very Heavy Rain-wind / Thundershowers expected in Badin, Dadu, Ghotki, Hyderabad, Jacobabad, Jamshoro, Kashmore, Karachi, Larkana, Mirpurkhas, Mithi, Naushero Feroze, Sanghar, Shaheed Benazirabad, Qambar Shahdadkot, Shikarpur, Sukkur, Tharparkar, Thatta and Umerkot from 14-17 July (Thursday-Sunday)
  - f. **Azad Jammu & Kashmir.** More Intermittent Rain-wind / Thundershowers with isolated heavy falls expected in AJ&K from 13-15 July (Wednesday-Friday).
8. **Flood Warning / Alert.** Medium to High level flooding is expected in the Hill Torrents of DG Khan Division along with Rivers/Nullahs of Balochistan from 16th to 17th July-2022. Urban flooding in Sindh is likely during the same period.

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

Ser	Dam	Full Reservoir Level	Live Storage Capacity at FRL (MAF)	Current Live Storage (MAF) 07-07-2022	Current Level	Inflow	Outflow
a.	Bhakra Dam River Sutlej	1680	Not Avail	Not Avail	1571.08	38693	25327
b.	Pong Dam River Beas	1390	Not Avail	Not Avail	1304.90	24623	12804
c.	Thein Dam River Ravi	1732	1.900	0.622	1653.69	Not Available	Not Available

**Reference:** Ministry of Water Resources, Office of PCIW report dated 07 July (Thein) and 12 July (Bhakra & Pong).

**(Muhammad Ali Khan)**  
**Director (Response)**  
 Tel No: 051-9030924  
 Fax No: 051-9030729

**Annex A**

To NDMA SITREP No-032

Dated 16 July 2022

**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	185.0	106.8	170-185	Below Low	650
	Kalabagh	950	137.9	130.4	No significant change	-do-	650
	Chashma	1,000	225.2	210.9	-do-	-do-	650
	Taunsa	1,000	239.7	221.4	240-280	Low	650
	Guddu	1,200	200.4	173.3	200-220	-do-	700
	Sukkur	900	156.3	129.2	160-170	Below Low	700
	Kotri	875	25.3	6.5	No significant change	-do-	650
River Kabul	Nowshera	540	59.4	59.4	-do-	-do-	200
River Jhelum	Mangla	1,060	29.0	11.4	30-50	-do-	225
	Rasul	850	11.9	0.0	No significant change	-do-	225
River Chenab	Marala	1,100	68.7	43.6	60-75	-do-	400
	Khanki	1,100	47.0	40.9	No significant change	-do-	400
	Qadirabad	900	61.3	39.3	-do-	-do-	400
	Trimmu	875	37.1	21.8	-do-	-do-	450
	Punjnad	865	33.9	27.7	-do-	-do-	450
River Ravi	Jassar	275	5.0	5.0	-do-	-do-	150
	Shahdara	250	14.5	14.5	-do-	-do-	135
	Balloki	380	37.6	12.8	-do-	-do-	135
	Sidhnai	150	14.9	2.6	-do-	-do-	90
River Sutlej	G.S. Wala	-	0.4	0.4	-do-	-do-	50
	Sulemanki	325	19.1	13.0	-do-	-do-	175
	Islam	300	1.4	0.0	-do-	-do-	175

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

**Annex B**

To NDMA SITREP No-032

Dated 16 July, 2022

**SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS**

Stations	Rainfall (mm)
<b>Sindh</b>	
Padidan	121
Sakrand	81
Shaheed Benazirabad	65
Dadu	29
Jacobabad	24
Larkana	07
Chhor & Tando Jam	06
Karachi	(Gulshan e Maymaar 11, Gulshan e Hadid 07, SaddiTown, University road , Masroor Base, Surjani 04, JinnahTerminal, Orangi, Quaidabad ,Faisal base 03, Nazimabad, D H A, North Karachi , M O S 02, Kemari 01 & Gadap Town Trace)
Hyderabad	03
Mir Pur Khas	02
Sukkur	01
Mohenjodaro	Trace
<b>Khyber-Pakhtunkhwa</b>	
Parachinar	35
Kakul	22
Balakot	15
Tirah-Khyber	07
Kalam	02
Drosh	01
<b>Punjab</b>	
Kasur	32
Narowal	16
Lahore	(Tajpura 28, upper Mall 19, Iqbal Town 18 ,Samanabad 16,Lakshmi Chowk 15, Nishtar Town , Gulshan Ravi 14, Mughalpura, Chowk Nakhuda 12, Farrukhabad 09, Johar
Bahawalnagar	09
Fort Munro	07
Sialkot	City 07 & AP 02
Gujrat	06
Bahawalpur	City 06, AP 02
Murree	04
Islamabad	(Saidpur 04 & ZP 01)
Attock	02
Mangla & Multan (AP)	01
<b>Kashmir</b>	
Rawalakot	13
Chakothei & Haraman	05
Bandi Abbaspur	04
Muzaffarabad	City & A/ P 01
<b>Balochistan</b>	
Sibbi	10
Loralai	04
Zhob & Lasbella	03
Khuzdar	02
Quetta	Trace
<b>Gilgit-Baltistan</b>	
Babusar	04
Gupis	02
Bagrote	01
Skardu & Gilgit	Trace