

**MOST IMMEDIATE / BY FAX**

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



Dated: 17 July 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 033**

NDMA Monsoon 2022 Daily Situation Report No 033, covering period from 1300 hours on 16 July 2022 to 1300 hours 17 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 – 033

(Period Covered: 1300 hrs 16 July 2022 – 1300 hrs 17 July 2022)

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

Ser	Province/ Rgn	Daily Incident
a.	AJK	<b>NTR</b>
b.	Khyber Pakhtunkhwa	<b><u>District Lakki Marwat.</u></b> Rains cause 127 x Houses damaged and 4 x Deaths.
c.	Balochistan	<b><u>District Khuzdar.</u></b> 25 x Kacha Houses partially damaged and 30 x Goats killed.
d.	Punjab	<b><u>District Rajanpur.</u></b> Canal wall breached, flooding surrounding areas.
e.	Sindh	<b>NTR</b>
f.	ICT	<b>NTR</b>
g.	GB	<b>NTR</b>

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
Bln	23	23	27	73	31	11	10	52
GB	01	04	03	08	03	-	-	03
ICT	01	-	-	01	-	-	-	-
KP	18	17	12	47	13	16	13	42
Punjab	14	06	06	26	37	24	05	66
Sindh	35	-	09	44	06	03	06	15
<b>Total</b>	<b>95</b>	<b>51</b>	<b>57</b>	<b>203</b>	<b>94</b>	<b>58</b>	<b>34</b>	<b>186</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	432	556
GB	2 km	13	-	21	-	-
ICT	-	-	-	-	-	-
KP	6.5km	-	-	1746	521	186
Punjab	-	-	-	07	1	-
Sindh	1 km	-	-	10	1	21
<b>Total</b>	<b>11.5km</b>	<b>22</b>	<b>05</b>	<b>2,365</b>	<b>1,009</b>	<b>1,504</b>
				<b>3,374</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**. 1000 x Tents, 1000 x Tarpaulins, 600 x Blankets, 1000 x Mosquito Nets, 1000 x Jerry Cans, 1000 x Water Coolers, 1000 x Food Packs to affectees in Jaffarabad, Naseerabad, Killa Saifullah, Kachi, Lasbela, Surab and Barkhan.

d. **Relief Camps Established**. Camps established at Rajanpur, however not occupied.

e. **Rehabilitation Activities**

(1) **District Sibbi**. Mach City Link Bridge traffic is plying via alternative route. Rehab work is underway for restoration of the bridge.

(2) **District Nagar**. Restoration of Hispar Valley Road underway.

(3) **District Hunza**. Restoration of Shimshal Valley Road underway.

(4) **District Ghizer**. Restoration work underway at Sherqila Nullah.

f. **Rescue Activities**. Rescue operations underway in Rajanpur, affectees evacuated. Water level receding and population is returning.

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	1498.72	3.179	51.28	2.703
b.	Mangla	1,242.00	7.356	1128.70	1.031	113.30	6.325
c.	Chashma	649.00	0.278	647.20	0.194	1.8	0.084
<b>Total Storage</b>		-		<b>13.516 (MAF)</b>			
<b>Total Storage till 16 July, 2022</b>		-		<b>4.404 (MAF)</b>			
<b>Remaining Storage</b>		-		<b>9.112 (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, Sheikhpura 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

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

RIVERS	Stations	Actual Observations at 0600 PST		Quantitative Forecast for Next 24-hrs. (Inflow)	Qualitative Forecasted Flood Level (Inflow)
		Inflow	Outflow		
INDUS	Tarbela	178.0	123.9	160-175	Below Low
	Kalabagh	130.4	122.6	No significant change	-do-
	Chashma	222.4	209.9	-do-	-do-
	Taunsa	230.8	211.5	-do-	-do-
	Guddu	197.5	170.2	-do-	-do-
	Sukkur	167.7	138.7	-do-	-do-
	Kotri	33.3	16.9	-do-	-do-
KABUL	Nowshera	56.8	56.8	-do-	-do-
JHELUM	Mangla	23.0	15.1	35-40	-do-
	Rasul	11.6	0.0	No significant change	-do-
CHENAB	Marala	63.6	38.3	55-65	-do-
	Khanki	56.7	50.4	No significant change	-do-
	Qadirabad	59.4	37.4	-do-	-do-
	Trimmu	42.5	27.3	-do-	-do-
	Punjnad	39.3	31.7	-do-	-do-
RAVI	Jassar	5.3	5.3	-do-	-do-
	Shahdara	14.5	14.5	-do-	-do-
	Balloki	38.4	13.7	-do-	-do-
	Sidhnai	16.1	5.9	-do-	-do-
SUTLEJ	G.S.Wala	1.0	1.0	01-05	-do-
	Sulemanki	22.0	17.5	No significant change	-do-
	Islam	1.5	0.8	-do-	-do-

R= Rising &amp; F= Falling

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

**SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS**

Total Rainfall (mm) last 24 hours on Sunday-July 17, 2022 at 0800 PST

Stations	Rainfall (mm)			
<b>Khyber-Pakhtunkhwa</b>				
DI Khan (City)	39			
Turah-Khyber	07			
Kakul	03			
<b>Punjab</b>				
Bahawalnagar	39			
Gujranwala	31			
Kasur	24			
Okara	25			
Khanewal	21			
Joharabad & Sahiwal	16			
Multan	City 12 & AP 08			
Sialkot	City 09 & AP 02			
Lahore	Johar Town 07, Lakshmi Chowk 03, Chowk Nakhuda, Iqbal Town, Samanabad, AP, Mughalpura, Tajpura, 02, City, Gulberg, Upper Mall, Gulshan e Ravi 01, Nishter Town, Shahi Qila & Farrukhabad Trace			
Sargodha City & Kot Addu	06			
Muree	05			
Jhang	04			
T T Singh	02			
Hafizabad	01			
Bahawalpur (AP/ City) & Noor Pur Thal	Trace			
<b>Sindh</b>				
Shaheed Benazirabad	17			
Karachi	Gulshan e Hadid 09, Orangi Town 03, Quaidabad 02, Nazimabad, Masroor Base 01, M O S , Jinnah Terminal, Faisal Base, University road, Kemari, Gadap Town & Korangi Trace			
Padidan	09			
Hyderabad	08			
Sakrand	07			
Tandojam	04			
Mirpurkhas	02			
Larkana	Trace			
<b>Balochistan</b>				
Gawadar	09			
Loralai	07			
Khuzdar	02			
Lasbella	01			
<b>Kashmir</b>				
Chakothe	07			
Garhi Dupatta & Chattar Kalas	03			
Muzaffarabad (AP/City), Rawalakot & Haraman	Trace			
<b>Gilgit-Baltistan</b>				
Gupis	02			
Skardu	01			
Gilgit, Babusar & Bagrote	Trace			
<b>Maximum Wind Reported</b>				
Station	Wind (kt)	Km/Hr	Direction	Time (PST)
Lahore AP	52	96	SW	1905
Faisalabad	20	37	SE	1835
<b>Maximum Water Level at Nallah Lai ( Last 24 Hours)</b>				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				