



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



Dated: 15 July 2022

Subject: **NDMA Monsoon 2022 Daily Situation Report No 031**

NDMA Monsoon 2022 Daily Situation Report No 031 covering period from 1300 hours on 14 July 2022 to 1300 hours 15 July 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,  
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Joint Crisis Management Cell, Joint Staff Headquarters, Rawalpindi  
Military Operation Directorate (MO-4), GHQ, Rawalpindi  
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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  
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Director (Admin), NDMA  
Director (Finance), NDMA

Director (Media & IT), NDMA  
PS to Chairman, NDMA

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**MONSOON 2022 DAILY SITUATION REPORT NO – 031**

(Period Covered: 1300 hrs 14 July 2022 – 1300 hrs 15 July 2022)

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

Ser	Province/ Rgn	Daily Incident
a.	AJK	<b>District Sudhnoti.</b> 02x houses partially damaged due to torrential rain
b.	Khyber Pakhtunkhwa	Due to heavy rains following were reported:- <b>Lower Chitral.</b> 20x houses partially damaged. <b>District Swabi.</b> 15x houses partially and 01x house completely damaged. <b>District Swat.</b> 01x child died, 03x females injured and 01x house partially damaged. <b>Upper Dir.</b> 01x house partially damaged.
c.	Balochistan	<b>District Dera Bugti.</b> Baikhar Bhal dam damaged. <b>District Sibbi.</b> <ul style="list-style-type: none"> <li>● Mach Bridge (C&amp;W) got damaged.</li> <li>● Nari River remained in high flood, however, no losses/ damages reported.</li> </ul> <b>District Lasbella</b> <ul style="list-style-type: none"> <li>● 1x culvert at Welpat Bela washed away due to flash flood, resulting into suspension of traffic and water affected the crops.</li> <li>● Khakhar bridge approach got damaged. Markers have been placed and traffic resumed from one side.</li> </ul>
d.	Punjab	<b>District Muzaffargarh.</b> There was a breach in main Muzaffargarh canal at Utra Sandila (Thesil).
e.	Sindh	<b>District Badin.</b> 02x males died due to electrocution and 03x males died due to lightning strike. <b>District Sanghar.</b> 01x male died and 03x male injured due to a windstorm. <b>Tharparker.</b> 21x Goats died due to lightning strike in Islamkot.
f.	ICT	<b>NTR</b>
g.	Gilgit Baltistan	<b>District Hunza.</b> Misgar Valley road blocked due to flash flood triggered by rainfall last night. <b>District Nagar.</b> Hisper road blocked due to river erosion.

**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	07	49

GB	1	04	03	08	03	-	-	03
ICT	01	-	-	01	-	-	-	-
KP	10	12	12	34	11	16	13	40
Punjab	14	06	06	26	37	24	05	66
Sindh	35	-	09	44	06	03	06	15
<b>Total</b>	<b>85</b>	<b>47</b>	<b>54</b>	<b>186</b>	<b>92</b>	<b>58</b>	<b>31</b>	<b>181</b>

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

Province/ Rgn Wise	Road	Bridge	Shop	Hotels	Houses		Lives Stock
					PD	FD	
AJ&K	-	-	05	-	04	54	741
Balochistan	2 km	08	-	-	567	432	521
GB	1 km	10	-	-	21	-	-
ICT	-	-	-	-	-	-	-
KP	-	-	-	-	329	91	146
Punjab	-	-	-	-	02	-	-
Sindh	1 km	-	-	-	10	1	21
<b>Total</b>	<b>4km</b>	<b>18</b>	<b>05</b>	<b>-</b>	<b>933</b>	<b>578</b>	<b>1,429</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) **District Swabi.** 05x tents, 04x iron beds, 11x blankets, 05x mats, 04x gas cylinders, 04x solar torches with solar cells, 04x pillows, 02x family packs, 04x bed sheets and 05x prayer mats were distributed amongst the affectees.
- (2) **District Swat.** Non food items including Tent, Mattress, Kitchen Set, Hygiene Kit, Plastic Mats and Quilts were also handed over to the affected family. The injured individuals shifted to Saidu hospitals for further treatment.
- (3) **District Muzaffargarh.** After breach in main canal at Utra Snadila, announcements were made in mosque to evacuate the area. Rescue 1122 teams reached the spot.
- (4) **District Dera Bugti.** PDMA Balochistan has dispatched Relief items to flood affected district.
- (5) **District Lasbella.** Diversion has been established by District Administration and traffic partially resumed. Heavy machinery is at site and repair work is in progress.
- (6) **PDMA Balochistan.** 300x Tents, 300x Tarpaulins, 300x Quilts, 600x Mosquito Nets, 300x Jerry Cans, 300x Water Coolers, 300x kitchen sets and 300x Food Packets were issued to flood affected areas of Districts.

**d. Relief Camps Established**

- (1) **District Shergilla.** Tent village with medical facilities is functional at Shergilla.
- (2) **District Muzaffargarh.** Relief camp being established in Boys Primary School

at Ultra Sandila.

**e. Rehabilitation Activities**

- (1) **District Hunza.** Tractor of B&R department has been mobilized to restore Misgar Valley road.
- (2) **District Nagar.** Restoration of Hisper road is in progress through B&R department.
- (3) **District Skardu.** Restoration of Tormic road and power supply by GBPWD and damaged drinking water channel by LG&RD and Water Management in Tormic is in progress.

**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	1493.70	2.905	56.3	2.977
b.	Mangla	1,242.00	7.356	1126.70	0.974	115.3	6.382
c.	Chashma	649.00	0.278	649.00	0.278	0	0
<b>Total Storage</b>		- 13.516 (MAF)					
<b>Total Storage till 15 July, 2022</b>		- 4.157 (MAF)					
<b>Remaining Storage</b>		- 9.359 (MAF)					

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 and D.G. Khan Divisions. Scattered thunderstorm/rain of moderate intensity is also expected over the upper catchments of all the Major Rivers along with Peshawar Kohat, Bannu, D.I. Khan, Rawalpindi, Sargodha, Gujranwala, Lahore, Faisalabad & Sahiwal 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 14th to 17th July-2022. Urban flooding in Sindh is most likely during the same period. **Reference:** FFD Bulletin No. A-030/22 dated 14<sup>th</sup> July, 2022.

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

Ser	Name of 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	5.050	1.065	1562.97	Not Available	Not Available
b.	Pong Dam River Beas	1390	4.991	0.589	1299.67	Not Available	Not Available
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, 2022



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***Annex A***

To NDMA SITREP No-031

Dated 15 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	206.0	103.0	190-210	Below Low	650
	Kalabagh	950	157.8	150.3	No significant change	-do-	650
	Chashma	1,000	264.4	251.0	250-270	Low	650
	Taunsa	1,000	211.6	190.8	220 R 280	-do-	650
	Guddu	1,200	184.6	164.8	185-200	Below Low	700
	Sukkur	900	128.6	96.2	130-160	-do-	700
	Kotri	875	20.4	0.4	No significant change	-do-	650
River Kabul	Nowshera	540	65.4	65.4	60-70	Low	200
River Jhelum	Mangla	1,060	30.5	13.5	30-50	Below Low	225
	Rasul	850	16.6	0.0	No significant change	-do-	225
River Chenab	Marala	1,100	68.9	43.6	60-80	-do-	400
	Khanki	1,100	46.9	40.9	No significant change	-do-	400
	Qadirabad	900	56.6	34.6	-do-	-do-	400
	Trimmu	875	40.9	25.7	-do-	-do-	450

	<b>Punjnad</b>	865	<b>28.2</b>	<b>22.5</b>	-do-	-do-	450
<b>River Ravi</b>	<b>Jassar</b>	275	<b>5.3</b>	<b>5.3</b>	-do-	-do-	150
	<b>Shahdara</b>	250	<b>14.5</b>	<b>14.5</b>	-do-	-do-	135
	<b>Balloki</b>	380	<b>34.4</b>	<b>10.1</b>	-do-	-do-	135
	<b>Sidhnai</b>	150	<b>15.7</b>	<b>4.3</b>	-do-	-do-	90
<b>River Sutlej</b>	<b>G.S. Wala</b>	-	<b>0.0</b>	<b>0.0</b>	-do-	-do-	50
	<b>Sulemank i</b>	325	<b>15.2</b>	<b>7.3</b>	-do-	-do-	175
	<b>Islam</b>	300	<b>0.3</b>	<b>0.0</b>	-do-	-do-	175

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



**Annex B**

To NDMA SITREP No-031

Dated 15 July, 2022

**SIGNIFICANT RAINFALL REPORTED LAST 24 HOURS**

<b>Stations</b>	<b>Rainfall(mm)</b>
<b>Punjab</b>	
Lahore	(Tajpura 115, Lakshmi Chowk, Pani Wala Talab 109, Farrukhabad 103, Gulshan Ravi 95, Nishter Town 93, Chowk Nakhuda 92, Mughalpura, Johar Town 84, Upper Mall 82, Samanabad 65, WASA Head office 63, A/P 55, Iqbal Town 45, City 44 & Jail Road 40)
Toba Tek Singh	99
Bahawalnagar & Kasur	80
Gujranwala	66
Khanpur	46
Gujrat	39
Sialkot	(City 31 & A/P 20)
Sargodha	23
Narowal	22
Gera Ghazi Khan	(Fort Munro 17 & Bhandu Wala 16, City 05, Zain Sanghar Nullah 01 & Vehova Trace)
Chakwal	08
Rahim Yar Khan	07
Jhelum & Joharabad	06
Okara	02
Bahawalpur	(A/p & City Trace)
Bhakkar, Karoor (Layyah), Noorpur Thal & Sahiwal	Trace
<b>Sindh</b>	
Chhor	88
Badin	22
Rohri	19
Shaheed Benazirabad	14
Karachi	(Surjani Town 08, North Karachi 07, Gulshan Hadeed 06, Orangi Town 04, Nazimabad, Masroor Base 01, Kemari, Gadap Town, Jinnah Terminal & A/P Trace)
Khairpur & Sukkur	06
Mirpurkhas	05
Hyderabad	04
Larkana & Tandojam	03
Jaccobabad & Mohenjodharo	02

Padidan	Trace
<b>Balochistan</b>	
Sibbi	81
Muslim Bagh	05
Zhob & Loralai	04
<b>Khyber-Pakhtunkhwa</b>	
Dir	( Upper 26)
Malam Jabba	24
Kalam	10
Tirah Khyber	09
Drosh	03
Chitral & Kakul	01
Landi Kotal	Trace
<b>Gilgit-Baltistan</b>	
Bagrote	13
Gilgit	02
Astore & Hunza	01
Shisper Glacier	Trace
<b>Kashmir</b>	
Muzaffarabad	(A/P 02 & City Trace)
Rawalakot, Harman & Barnala	Trace