



F.2 (E)/2023-NDMA (MW/SITREP-22)  
**Government of Pakistan  
Prime Minister's Office  
National Disaster Management Authority  
ISLAMABAD**



Dated: 17 July 2023

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 22**

NDMA Monsoon 2023 Daily Situation Report No 22, covering period from 1300 hours 16<sup>th</sup> July 2023 to 1300 hours 17<sup>th</sup> July 2023 is enclosed for information/necessary action, please.

**(Muhammad Ali Khan)**

Director (Response)

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To: Federal Ministries & Departments (Interior, Planning, Food Security & Research, National Health Services, Information & Broadcasting, Climate Change, Pakistan Railways, Communications, Energy & Water Resources, Finance, Information and Broadcasting (MOIB), Press Information Department (PID), Economic Affairs Division (EAD)  
Chief Secretaries, Provincial Governments, GB and AJ&K  
Director Generals, PDMAs, GBDMA & SDMA  
Director Generals, Rescue 1122 (Punjab, Sindh, Balochistan, KP, GB & AJ&K)  
Director General, Climate Change and Coastal Development, Government of Sindh  
Director General, Sindh Coastal Development Authority, Karachi  
Director General, Balochistan Coastal Development Authority  
Chairman, National Highway Authority, Islamabad  
Inspector General, National Highways & Motorway Police, Islamabad  
Chairman, Pakistan Telecommunications Authority, Islamabad  
Chairman, Federal Flood Commission, Islamabad  
Chairman, Pakistan Tourism Development Corporation, Islamabad  
Managing Director, National Transmission & Dispatch Corporation, Lahore  
Principal Information Officer, Press Information Department, Islamabad  
Commissioner Islamabad  
Headquarters, Pakistan Maritime Security Agency, Karachi  
Deputy Commissioner Islamabad  
Joint Crises Management Cell, Joint Staff Headquarters, Chaklala Cantt  
Staff Duties Directorate (SD Coord), General Headquarters, Rawalpindi  
Military Operations Directorate (MO-4), General Headquarters, Rawalpindi Cantt  
ACNS (Operations), Naval Headquarters, Islamabad  
ACAS (Operations), Air Headquarters, Islamabad  
Headquarters, Frontier Works Organization (FWO), Rawalpindi  
GSO-1, Inter Services Public Relations, General Headquarters, Rawalpindi Cantt  
Headquarters, Pakistan Coast Guards, Karachi  
Divisional Superintendent, Pakistan Railways Karachi

Cc: Secretary to Prime Minister, Prime Minister's Office, Islamabad  
Secretary, Cabinet Division, Islamabad

ID: PRO  
DD (ICT)

**MONSOON 2023 - DAILY SITUATION REPORT NO - 22**  
**(PERIOD COVERED: 1300 HRS - 16 JUL 2023 TO 1300 HRS - 17 JUL 2023)**

1. **Casualties and Injuries (Last 24 hours)**

a. **Deaths**

Province/ Region	District	Deaths				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	-	0	0	0	0	
Punjab	Gujranwala	1	0	0	1	Roof collapse
*Sindh	Tharparkar	2	0	0	2	1x Electric shock 1x drowning case
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
Islamabad Capital Territory		0	0	0	0	
<b>TOTAL</b>		<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	

\* PDMA Sindh have been reported **2x** male deaths in SITREP no 3432 dated 16 July 2023, however these cases occurred on **9&10 July 2023**.

b. **Injuries**

Province/ Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	-	0	0	0	0	
Punjab	Gujranwala	2	0	0	2	Roof collapse
Sindh	-	0	0	0	0	
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
Islamabad Capital Territory		0	0	0	0	
<b>TOTAL</b>		<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	

2. **Damage of Infrastructure & Private Properties (Last 24 hours)**

a. **Houses Damaged and Livestock Perished**

Province/ Region	District	House Damage			Livestock
		Partial	Full	Total	
Balochistan	-	0	0	0	0
KP	-	1	0	1	0
Punjab	Gujranwala	1	0	1	0
Sindh	-	0	0	0	0
Gilgit Baltistan	-	0	0	0	0
AJ&K	Sudhnoti	0	0	0	0
Islamabad Capital Territory		0	0	0	0
<b>TOTAL</b>		<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>

b. **Roads, Bridges and Other Infrastructure Damaged in Last 24 hours**

Province/ Region	District	Roads/ Tracks			Bridge			
		Length of road damage	Nature/ extent of damage (fully/ partially washed away/ water over flow)	Traffic situation (Alternate route/ diversion available)	Type of bridge	Length of bridge	Nature/ Extent of Damage fully/ partially washed away/ water over flow)	Traffic situation (Alternate route/ diversion available)
Balochistan	-	-	-	-	-	-	-	-
KP	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-	-
*GB	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

\* Following roads were closed due to land sliding/ rock fall and were cleared.

- JSR at Sarri (land sliding) on 8 July 2023
- KKH at Murtaza Abad (rock fall) on 10 July 2023.
- JSR at Sarri (land sliding) on 11 July 2023.
- JSR near Shahrote (land sliding) on 16 July 2023.

3. **Cumulative Casualties - Deaths / Injuries (Started from 25 Jun 2023 up to 1300 Hours 16 July 2023): -**

Province/ Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
*Balochistan	4	1	1	<b>6</b>	5	2	5	<b>12</b>
#Khyber Pakhtunkhwa	4	5	15	<b>24</b>	11	7	23	<b>41</b>
%Punjab	26	8	21	<b>55</b>	49	37	30	<b>116</b>
Sindh	4	1	4	<b>9</b>	2	0	0	<b>2</b>
Gilgit Baltistan	0	0	0	<b>0</b>	0	0	0	<b>0</b>
AJ&K	2	1	0	<b>3</b>	1	2	0	<b>3</b>
ICT	0	0	0	<b>0</b>	0	0	0	<b>0</b>
<b>TOTAL</b>	<b>40</b>	<b>16</b>	<b>41</b>	<b>97</b>	<b>68</b>	<b>47</b>	<b>57</b>	<b>172</b>

\* Data has been reconciled by PDMA Bln and **1x child death** has been reduced from death and added in injuries.

# Data has been reconciled with PDMA KP and 1x female and 1x child injury has been added.

% Cumulative reports from PDMA Punjab is awaited.

4. **Cumulative Damages of Infrastructure & Private Properties (Started from 25 Jun 2023 up to 1300 Hours 16 July 2023): -**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	0	0	10	3	13	2
*Khyber Pakhtunkhwa	0	0	51	6	57	43
Punjab	0	0	43	3	46	1
Sindh	0	0	0	0	0	124
Gilgit Baltistan	0	0	0	0	0	0
#AJ&K	0	0	10	4	14	0
ICT	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>114</b>	<b>16</b>	<b>130</b>	<b>170</b>

\* Data has been reconciled with PDMA KP and 1x house fully damage has been reduce and 2x house partially damage has been added.

# Data has been reconciled with SDMA and 7x houses partially damage have added.

5. **Flood Relief Activities (Last 24 hours)**

a. **Relief Camps Established**

Province/ Region	Districts	No of Camps	Camp Population
Balochistan			
Khyber Pakhtunkhwa			
Punjab			
Sindh			
Gilgit Baltistan			
AJ&K			
Islamabad Capital Territory			
<b>TOTAL</b>			

NTR

b. **Rescue Operations**

(1) **Employment of Boats.** NTR.

(2) **Employment of Aviation Assets.** NTR.

(3) **Relief Activities in Last 24 hours**

Province/ Region	District	Tents	Ration (Tons)	Blankets	Mosquito Nets	Plastic Mats	Sleeping Bags
Balochistan							
Khyber Pakhtunkhwa							
Punjab							
Sindh							
Gilgit Baltistan							
AJ&K							
Islamabad Capital Territory							
<b>TOTAL</b>							

NTR

6. **Cumulative Flood Relief Activities (Started from 25 Jun 2023 up to 1300 Hours 16 July 2023):-**

a. **Cumulative State of Relief Camps Established**

Province/ Region	Districts	No of Camps	Camp Population
Balochistan			
Khyber Pakhtunkhwa			
Punjab			
Sindh			
Gilgit Baltistan			
AJ&K			
Islamabad Capital Territory			
<b>TOTAL</b>			

NTR

b. **Cumulative State of Rescue Operations (Started from 25 Jun 2023 up to 1300 Hours 16 July 2023):-**

- (1) **Employment of Boats.** NTR.
- (2) **Employment of Aviation Activates.** NTR.
- (3) **Relief Activities**

Province/ Region	District	Tents	Ration (Tons)	Blankets	Mosquito Nets	Plastic Mats	Sleeping Bags
Balochistan							
Khyber Pakhtunkhwa							
Punjab							
Sindh							
Gilgit Baltistan							
AJ&K							
Islamabad Capital Territory							
<b>TOTAL</b>							

NTR

7. **Dams and Reservoirs Level** - Attached at **Annex A.**
8. **Flood Alert / River Flows** - Attached at **Annex B.**
9. **Flood / Base Flow Data Obtained from India.** NTR.
10. **Rainfall Recorded During Last 24 Hours (0800-0800 hours each day).** Attached at **Annex C.**

**GOVERNMENT OF PAKISTAN**  
**PAKISTAN METEOROLOGICAL DEPARTMENT**  
**FLOOD FORECASTING DIVISION**  
**46-JAIL ROAD LAHORE-54000**

BULLETIN No. B-033/23

Dated: - 17<sup>th</sup> July, 2023  
Time: - 10:50 hours (PST)**I: WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS:**

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	RESERVOIRS LEVEL (FEET) at (0600 PST)	
INDUS	Scattered wind thunderstorm/ rain	Scattered wind thunderstorm/ rain (Rawalpindi Division)	<b>TARBELA</b>	
JHELMUM	-do-	-do- (Sargodha Division)	Current:	<b>1514.77</b>
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	<b>1550.00</b>
RAVI	-do-	-do- (Lahore Division)	<b>MANGLA</b>	
SUTLEJ	-do-	-do- (Bahawalpur Division)	Current:	<b>1205.65</b>
			Max Conservation:	<b>1242.00</b>

**II: QUANTITATIVE FLOOD FORECAST OF GAUGING STATIONS (IN THOUSANDS OF CUSECS)**

RIVERS	Stations	Actual Observations at 0600 PST		Quantitative Forecast for Next 24-hrs. (Inflow)	Qualitative Forecasted Flood Level (Inflow)
		Inflow	Outflow		
INDUS	Tarbela	190.0	165.1	190-210	Below Low
	Kalabagh	223.2	215.2	No significant change	-do-
	Chashma	215.0	210.1	-do-	-do-
	Taunsa	184.5	166.5	-do-	-do-
	Guddu	179.0	139.1	-do-	-do-
	Sukkur	133.0	77.3	-do-	-do-
	Kotri	76.2	33.8	-do-	-do-
KABUL	Nowshera	48.9	48.9	-do-	-do-
JHELMUM	Mangla	50.0	10.0	50-70	-do-
	Rasul	3.4	0.0	No significant change	-do-
CHENAB	Marala	95.4	67.2	70-95	-do-
	Khanki	66.4	59.0	No significant change	-do-
	Qadirabad	52.9	42.9	-do-	-do-
	Trimmu	37.2	23.8	-do-	-do-
	Punjad	55.1	40.0	-do-	-do-
RAVI	Jassar	23.0	23.0	-do-	-do-
	Shahdara	19.5	19.5	-do-	-do-
	Balloki	43.9	26.6	40-45	Low
	Sidhnai	25.7	10.3	No significant change	Below Low
SUTLEJ	G.S.Wala	19.8	19.8	-do-	-do-
	Sulemanki	65.5	65.5	50-65	Low
	Islam	15.3	15.3	15-30	Below Low

Isolated= 20 to 30% of area Scattered= 30 to 50% of area | Widespread= 90 to 100% of area | R= Rising &amp; F= Falling

(Chaudhary Muhammad Aslam)  
Chief Meteorologist  
FFD Lahore

**GOVERNMENT OF PAKISTAN  
PAKISTAN METEOROLOGICAL DEPARTMENT  
FLOOD FORECASTING DIVISION  
46-JAIL ROAD LAHORE-54000**

BULLETIN No. A-033/23

Dated: - 17<sup>th</sup> July, 2023  
Time: - 10:45 hours (PST)

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. President Secretariat, Islamabad.</li> <li>2. PM House, Islamabad.</li> <li>3. Federal Minister for Water Resources, Islamabad.</li> <li>4. Governor (All Provinces).</li> <li>5. Chairman NDMA, Islamabad.</li> <li>6. Chief Minister (All Provinces).</li> <li>7. PM Secretariat, Islamabad.</li> <li>8. Secretary, Aviation Division, Islamabad.</li> <li>9. Secretary, Ministry for Water Resources, Islamabad.</li> <li>10. Secretary, Ministry of Information, Islamabad.</li> <li>11. Chairman NHA, Islamabad.</li> <li>12. Chief Secretary (All Provinces).</li> <li>13. PDMA'S (D.G'S, All Provinces &amp; AJK).</li> </ol> | <ol style="list-style-type: none"> <li>14. Chairman, Federal Flood Commission, Islamabad.</li> <li>15. Chairman, Indus River System Authority, Islamabad.</li> <li>16. Chairman, PCRWR, Islamabad.</li> <li>17. The Secretary General, Red Crescent, Islamabad.</li> <li>18. Secretary, Irrigation Department, (All Provinces).</li> <li>19. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.</li> <li>20. Pakistan Commissioner for Indus Waters (PCIW), Islamabad,</li> <li>21. Chief Engineer, Mangla/Tarbela/Chashma.</li> <li>22. Chief Engineer, Irrigation (All Provinces).</li> <li>23. Chief Engineer, (All Barrages).</li> <li>24. Chief Engineer, C.D.O. (Muzaffarabad).</li> <li>25. Commissioner for Indus Waters, Lahore.</li> <li>26. All other concerned.</li> </ol> |
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**SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:****I: HYDROLOGICAL SITUATION at 0600 PST:**

River Sutlej at Sulemanki is in Low Flood Level and is falling, while all the other Major Rivers are flowing below low flood level.

**II: METEOROLOGICAL FEATURES:**

- a. Yesterday's trough of westerly wave over Northern parts of the country has moved away Eastwards. A fresh trough of westerly wave lies over Northern parts of Iran.
- b. Yesterday's monsoon low over North Bay of Bengal, today lies over West Jharkhand(India) and adjoining areas.
- c. Light to Moderate Moist currents from Arabian sea and Bay of Bengal are penetrating to upper parts of the country up to 5000 feet.
- d. Seasonal low lies over North Balochistan.

**III: WEATHER FORECAST FOR NEXT 24-HOURS:**

Scattered wind thunderstorm/rain of moderate intensity is expected over the upper catchments of all the Major Rivers along with Islamabad and Peshawar, Kohat, Bannu, D.I Khan, Rawalpindi, Gujranwala, Sargodha, Lahore, Faisalabad, Multan, Sahiwal, D.G Khan & Bahawalpur Divisions. Isolated wind thunderstorm/rain is also expected over Zhob, Loralai, Sibbi, Nasirabad & Kalat Divisions.

**IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:**

No significant change.

**V: RIVERS CATCHMENTS RAINFALL RECORDED (MM) DURING LAST 24 HRS (UPTO 0800 PST):**

- |  |
|--|
| <p><b>Indus:</b> Murree=47, Malam Jabba=15, Kakul=14, Barkhan=07, Oghi=06, Shinkari=04, Dir &amp; Drosh=03(each), Mirkhani=02, Bagrote &amp; Gupis=01(each).</p> <p><b>Jhelum:</b> Rawalakot=37, Chakwal=31, Garhi Dopatta=12, Bandi Abbaspur &amp; Balakot=09(each), Chattar Kallas, Dhulli &amp; Kotli=01(each).</p> <p><b>Chenab:</b> Gujranwala [WAPDA =109 &amp; PMD =12], Gujrat=02, Sialkot (Cantt &amp; Airport) =01(each).</p> <p><b>Ravi:</b> Lahore (Airport=03), Narowal=02, Sahiwal &amp; Shakar Garh=01(each).</p> <p><b>Sutlej:</b> Chunian [WAPDA=83 &amp; kasur PMD=02], Bahawalnagar=03.</p> <p><b>Others:</b> -Nil-</p> |
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(Chaudhary Muhammad Aslam)  
Chief Meteorologist  
FFD Lahore



**National Weather Forecasting Centre**  
Pakistan Meteorological Department



<b>Total Rainfall (mm) last 24 hours on Monday 17-07-2023 at 0800 PST</b>				
<b>Stations</b>		<b>Rainfall (mm)</b>		
<b>Punjab</b>				
Murree				47
Chakwal				31
Gujranwala				12
Islamabad			(Saidpur 05 & Golra 01)	
Bahawalnagar				03
Lahore			(A/P 03 & City Trace)	
Sialkot			(A/P & City 01)	
Sahiwal				01
Gujrat, Narowal & Kasur				02
Bhakkar, Okara				Trace
<b>Kashmir</b>				
Rawalakot				37
Garhidupatta				12
Bandi Abbaspur				09
Chattar Kalas				01
<b>Khyber Pakhtunkhwa</b>				
Malamjabba				15
Kakul				14
Dir & Drosh				03
Mirkhani				02
<b>Balochistan</b>				
Barkhan				07
<b>Gilgit-Baltistan</b>				
Bagrote & Gupis				01
Astore, Chillas, Gilgit & Skardu				Trace
<b>Sindh</b>				
Karachi				Trace
<b>Maximum Wind Reported</b>				
<b>Station</b>	<b>Wind (kt)</b>	<b>Km/hr</b>	<b>Direction</b>	<b>Time (PST)</b>
Lahore (A/P)	25	46	SW	1045
<b>Maximum Water Level at Nullah Lai (Last 24 Hours)</b>				
<b>Station</b>	<b>Level (Feet)</b>	<b>Time (PST)</b>	<b>Flood Situation</b>	
			Nil	