



F.2 (E)/2023-NDMA (MW/SITREP-28)
**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD**



Dated: **23 July 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 28**

NDMA Monsoon 2023 Daily Situation Report No **28**, covering period from **1300 hours 22nd July 2023 to 1300 hours 23rd 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 - 28
(PERIOD COVERED: 1300 HRS - 22 JUL 2023 TO 1300 HRS - 23 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	Buner	0	0	1	5	Flash Flood
	Swat	0	1	1		Landslide over house
	Battagram	0	0	2		Landslide over house
Punjab	Lahore	0	0	1	2	Drowning
	Kasur	0	0	1		Drowning
Sindh	-	0	0	0	0	-
Gilgit Baltistan	-	0	0	0	0	-
AJ&K	Neelum	1	1	0	2	Roof Collapse
Islamabad Capital Territory		0	0	0	0	-
TOTAL		1	2	6	9	

b. **Injuries**

Province/ Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	Swat	1	1	1	7	Landslide over house
	Battagram	0	3	0		Landslide over house
	Upper Kohistan	0	0	1		Landslide
Punjab	Bahawalnagar	1	0	0	2	Roof Collapse
	Bahawalpur	0	1	0		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	
TOTAL		2	5	2	9	

3. **Roads Situation**

- a. **KP**. * Following roads have been reported blocked by PDMA KP due to heavy rain / flash flood. DDMA has mobilized machinery for early restoration of roads.

(1) **Upper Chitral**

- (a) Mastuj Shandur road at Shahidas.
- (b) Kari and Koghuzi.
- (c) Shahidas.
- (d) Yarkhun Road at Chuij, Shalkoach, Breep and Laspur.
- (e) Booni Sonoghur Road at Miam Nullah.
- (f) Nichagh Road at Gazeen.
- (g) Rech & Kot Road at Rayeen.
- (h) Khot Road at Khot.

(2) **Lower Chitral**

- (a) Chitral Circular Road at Danin.
- (b) Chitral Booni Road at the point of kari.
- (c) Main Mastuj Road to upper Chitral.
- (d) Garma Chashma Road.
- (e) Kari Goalin Goal Raod

- (3) **Lower Dir**. Flash flood in Talash, Shamshi Khan Khwar damaged the causeway at Shamshi Khan bridge site. The flood blocked the road for traffic.

(4) **Battagram**

- (a) Main Sachbyar Road.
- (b) Thakot Banna Road.

- b. **GB**. % Following roads have been reported blocked by GBDMA due to heavy rain/ flash flood. DDMA has mobilized machinery for early restoration of roads.

- (a) Juglote-Skardu road blocked at Shangus.
- (b) Wooden bridge at Darkut nullah, District Ghizar has damaged.

- c. **AJ&K**. &. Following roads have been reported blocked by SDMA due to heavy rain/ flash flood. DDMA has mobilized machinery for early restoration of roads.

(1) **Muzaffarabad**

- (a) Lohar Gali Road Blocked
- (b) Bagh to Sudhangali Blocked

- (2) **Neelum**. MZD to Neelum Blocked at Lawat.

- (3) **Jhelum Valley**. MZD to Leepa Blocked at Moji.

(4) **Poonch**:-

- (a) Tolipeer Road Blocked.
- (b) Ghuri Mar Road Blocked.
- (c) Ban Behak Road Blocked.

- d. **Balochistan**. # Following roads have been reported blocked by PDMA due to heavy rain/ flash flood. DDMA has mobilized machinery for early restoration of roads.

- (1) Quetta to Sibi road is blocked at Pinjera Pull.
- (2) Hanai to Sanjwai road is blocked.

4. **Cumulative Casualties - Deaths / Injuries (Started from 25 Jun 2023 up to 1300 Hours 23 July 2023):-**

Province/ Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	4	1	1	6	5	2	6	13
Khyber Pakhtunkhwa	5	7	23	35	12	11	28	51
Punjab	29	10	26	65	60	40	38	138
Sindh	4	1	5	10	2	0	0	2
Gilgit Baltistan	1	0	0	1	1	0	0	1
AJ&K	3	2	0	5	2	3	0	5
ICT	11	0	0	11	5	0	0	5
TOTAL	57	21	55	133	87	56	72	215

5. **Cumulative Damages of Infrastructure & Private Properties (Started from 25 Jun 2023 up to 1300 Hours 23 July 2023): -**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	0	0	10	4	14	2
Khyber Pakhtunkhwa	0	0	141	24	165	92
Punjab	0	0	62	3	65	1
Sindh	0	0	0	0	0	131
Gilgit Baltistan	0	0	14	8	22	15
AJ&K	0	0	78	24	102	4
ICT	0	0	0	0	0	0
TOTAL	0	0	305	63	368	245

6. **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			
TOTAL			

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	NTR						
Khyber Pakhtunkhwa							
Punjab							
Sindh							
Gilgit Baltistan							
AJ&K							
Islamabad Capital Territory							
TOTAL							

7. **Cumulative Flood Relief Activities (Started from 25 Jun 2023 up to 1300 Hours 23 July 2023):-**a. **Cumulative State of Relief Camps Established**

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

b. **Cumulative State of Rescue Operations (Started from 25 Jun 2023 up to 1300 Hours 23 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	NTR						
Khyber Pakhtunkhwa							
Punjab							
Sindh							
Gilgit Baltistan							
AJ&K							
Islamabad Capital Territory							
TOTAL							

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

Note: *SITREP data is preliminary as provided by respective PDMAs / GBDMA / SDMA / ICT Administration, Govt Depts and is subject to change.*

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

BULLETIN No. B-039/23

Dated: - 23rd July, 2023

Time: - 11:05 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 thunderstorm/ rain	Scattered thunderstorm/ rain (Rawalpindi Division)	TARBELA	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1525.89
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	MANGLA	
SUTLEJ	-do-	-do- (Bahawalpur Division)	Current:	1214.95
			Max Conservation:	1242.00

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	315.0	162.8	315-350	Low
	Kalabagh	310.1	302.6	300-340	-do-
	Chashma	347.2	345.1	330-350	-do-
	Taunsa	272.5	260.5	275-R-320	-do-
	Guddu	192.3	161.4	No significant change	Below Low
	Sukkur	147.1	98.4	-do-	-do-
	Kotri	63.1	26.2	-do-	-do-
KABUL	Nowshera	65.9	65.9	70-95	Medium
JHELUM	Mangla	78.0	10.0	60-90	Low
	Rasul	18.2	15.8	No significant change	Below Low
CHENAB	Marala	137.7	127.7	110-135	Low
	Khanki	137.2	130.5	110-135	-do-
	Qadirabad	96.6	86.6	95-125	-do-
	Trimmu	115.5	105.0	100-115	Below Low
	Punjnad	40.3	30.6	40-50	-do-
RAVI	Jassar	45.7	45.7	45-48	-do-
	Shahdara	22.3	22.3	20-35	-do-
	Balloki	71.4	46.1	65-75	Medium
	Sidhnai	26.4	15.3	No significant change	Below Low
SUTLEJ	G.S.Wala	61.8	61.8	55-70	Low
	Sulemanki	57.2	46.2	55-65	-do-
	Islam	28.0	27.4	28-35	Below Low

Isolated= 20 to 30% of area Scattered= 30 to 50% of area | Widespread= 90 to 100% of area | R= Rising & 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-039/23

Dated: - 23rd July, 2023

Time: - 11:05 hours (PST)

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

SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:**I: HYDROLOGICAL SITUATION at 0600 PST:**

River Indus at Kalabagh, Chashma & Tansa, River Kabul at Nowshera, River Chenab at Marala & khanki River Ravi at Balloki are in low flood level.

ALERT: Flash flooding of Moderate to heavy intensity is expected in the Nullahs of Balochistan (Loralai, Kalat, Sibbi, Makran, Nasirabad Divisions) along with Hill Torrents of D.G khan Division.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave over Northern parts of the country has moved away Eastwards.
- b. Yesterday's monsoon low over Southwest Chattisgarh moved West-Northwestwards and today lies over southwest Madhya Pradesh & adjoining Rajasthan.
- c. Moderate to Strong moist currents from Bay of Bengal and Arabian Sea are penetrating to lower half of the country up to 7000 feet.
- d. Seasonal low lies over Northwest Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered to widespread wind thunderstorm/rain of moderate to heavy intensity with isolated very heavy falls is expected over South & Southeast Sindh along with Zhob, Loralai, Kalat, Sibbi, Makran, Nasirabad, D.G. Khan, D.I. Khan, Bannu & Kohat Divisions. Scattered thunderstorm rain of moderate intensity with isolated heavy falls is expected over the upper catchments of all the Major Rivers along with Islamabad, rest of Punjab, rest of Khyber Pakhtunkhwa and rest of Sindh.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Monsoon activity over South and Southeast Sindh is likely to decrease.No change over rest of the country.

V: RIVERS CATCHMENTS RAINFALL RECORDED >05 (MM) DURING LAST 24 HRS (UPTO 0800 PST):

Indus:	Shinkhari=104, Lower Dir=65, Malam Jabba=63, Kurrum Garhi=60, Shaheed Benazirabad=55, Kakul=47, Murree=46, Pashat-Bajaur=45, Badin=35, Sakrand=32, Oghi=31, Pattan & Dadu=30(each), Chhor=29, DG Khan (Zain Sanghar=27), Islamabad [Saidpur=23, New Airport=10, Zeropoint=09, Golra & Bokra=06(each)], Mithi=23, Bhakkar=19, Barkhan & Saidu Sharif=16(each), Hyderabad=14, Khairpur=13, Padidan=12, Kalam=11, Skardu & Bagrote=10(each), Dir=09, Mirpur Khas & Tando Jam=08(each), D.I.Khan (Airport)=07, Besham=06,
Jhelum:	Jhelum=99, Mandibahauddin=47, Qilla Rohtas=44, Mangla=36, Garhi Dopatta=26, Chattar Kallas=22, Balakot & Rawalakot=21(each), Haraman=17, Muzaffarabad (Airport=17, City=06), Kotli=16, Palandri & Chakwal=12(each),
Chenab:	Kot Addu=45, Noorpur Thal=24,
Ravi:	Lahore [Airport=206, Taj Pura=186, Township=179, Johar Town=175, Qurtba chock=165, Gulshan e Ravi=162, Mughal Pura=160, Shahdara=153, Iqbal Town=150, Luckshami=149, Shahi Qilla=146, Upper Mall=123, Misri Shah=121, Gulburg=109, Jail Road=106, Samanabad=92], Narowal=65, Ravi Syphon=40,
Sutlej:	Kasur=27, Chunian=18, Bahawalpur (Airport=18, City=08),
Others:	Ziarat=40, Lasbela=14, Khuzdar=11, Zhob=09,

**(Chaudhary Muhammad Aslam)
Chief Meteorologist
FFD Lahore**

Government of Pakistan
 Ministry of Water Resources
 Office of Pakistan Commissioner for Indus Waters
 Suharwardy Road, (Wapda Building), G-7/1, Islamabad.

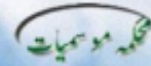
FLOOD SEASON 2023
FLOOD/BASE FLOW DATA
DATA AT(0600 HRS IST) REGARDING EASTERN RIVERS OBTAINED FROM INTERNET

Level in Feet & Discharge in Cusecs

Date	Bhakra Dam (F.R.L)	Level	Inflow	Outflow	Pong Dam (F.R.L)	Level	Inflow	Outflow
18.07.2023	1680	1644.17	73,360	22,197	1390	1372.61	52,936	30,211
19.07.2023	1680	1645.89	60,052	29,388	1390	1373.38	56,198	35,116
20.07.2023	1680	1648.12	73,106	33,354	1390	1374.00	56,371	39,396
21.07.2023	1680	1650.08	72,470	37,530	1390	1374.32	48,012	39,251

The data is being shared for flows information
 This issues with the approval of PCIW
 Dated: 21st July 2023


 (SHAHIDA GUL)
 Deputy Commissioner for Indus Waters
 Tele: 051-9253190


National Weather Forecasting Centre
 Pakistan Meteorological Department

Total Rainfall (mm) last 24 hours on Sunday 23-07-2023 at 0800 PST

Stations	Rainfall (mm)
Punjab	
Lahore	(A/P 208, Gulshan e Ravi 204, Tajpura, Nishtar Town 198, Johar Town 190, Lakshmi Chowk 182, Qurtaba Chowk 175, Mughal Pura, Pani Wala Talab 167, Iqbal Town 164, Farrukhabad 163, Upper Mall 128, Chowk Nakhuda 126, Gulberg 115, Jail Road 113, Samanabad 104)
Jhelum	99
Narowal	65
Mandi Bahauddin	47
Murree	46
Kot Addu	45
W.S.R. Mangla	36
Vehova	33
Kasur, Zain Sanghar Nullah	27
Mangla, Noor Pur Thal	24
Islamabad	(Saidpur 23, A/P 10, Z/P 09, Golra, Bokra 06)
Bhakkar	19
Bahawalpur	(A/P 18, City 08)
Chakwal	12
Layyah	05
Okara	04
Multan	(City 01, A/P Trace)
Gujranwala, Gujrat, Fort Munro	01
Bahawalnagar, D. G. Khan, Joharabad, Khanpur, R. Y. Khan & Bhandu Wala	Trace
Khyber Pakhtunkhwa	
Buner	70
Dir	(Lower 65, Upper 09)
Malam Jabba	63
Mardan	47
Pashat Bajaur	45
Pattan	30
Balakot	21
Saidu Sharif	16
Kalam	11
D. I. Khan A/P	07
Khaar-Bajur	04
Mamad Gut	03
Bannu, Mir Khani & Drosh	02
Landi Kotal	Trace
Sindh	
Diplo	59
Nawabshah	51
Nagarparkar	48
Chachro	37
Badin	35
Sakrand	32
Dadu	30
Mithi	23
Dahli, PAF Bholari	22
Hyderabad	(A/P 14, City 06)
Khairpur	13
Padidan	12
Chhor	10
Mirpur Khas, Tando Jam	08
Islamkot	06
Thatta	04
Jacobabad	02
Larkana, Mohenjo Daro, Sukkur	Trace

Kashmir	
Garhi Dupatta	26
Chattar Kalas	22
Rawalakot	21
Muzaffarabad	(A/P 17, City 06)
Haraman	17
Kotli	16
Barnala	05
Dhulli	01
Bandi Abbaspur	Trace
Balochistan	
Barkhan	16
Lasbella	14
Zhob	09
Loralai	02
Ormara	01
Sibbi	Trace
Gilgit-Baltistan	
Skardu & Bagrote	10
Gilgit	04
Bunji	03
Astore & Chilas	02
Gupis	Trace