



F.2 (E)/2023-NDMA (MW/SITREP-29)
**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD**



Dated: **24 July 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 29**

NDMA Monsoon 2023 Daily Situation Report No **29**, covering period from **1300 hours 23rd July 2023 to 1300 hours 24rd 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 - 29
(PERIOD COVERED: 1300 HRS - 23 JUL 2023 TO 1300 HRS - 24 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	-	0	0	0	0	
Sindh	-	0	0	0	0	
Gilgit Baltistan	Shangus	0	3	1	4	Landsliding
AJ&K	Naleem	1	0	0	1	Drowning case
Islamabad Capital Territory		0	0	0	0	
TOTAL		1	3	1	5	

b. **Injuries**

Province/ Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	-	0	0	0	0	
Punjab	Rawalpindi	7	0	0	7	
Sindh	-	0	0	0	0	
Gilgit Baltistan	Shangus	1	0	0	1	Landsliding
AJ&K	-	0	0	0	0	
Islamabad Capital Territory		0	0	0	0	
TOTAL		8	0	0	8	

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	Washuk	6	2	8	0
KP	Bajur	2	0	13	0
	Buner	3	0		0
	Malakand	3	0		1
	Shangla	3	0		0
	Upper Dir	1	1		0
Punjab	-	0	0	0	0
Sindh	-	0	0	0	0
Gilgit Baltistan	-	0	0	0	0
AJ&K	Neelum	6	11	38	4
	Bagh	3	0		0
	Haveli	10	01		0
	Muzaffarabad	3	0		0
	Kotli	1	0		0
	Sudhnoti	0	1		0
Bhimber	2	0	0		
Islamabad Capital Territory		0	0	0	0
TOTAL		43	16	59	5

* Data has been reconciled with PDMA KP and 1x house partially damage has been reduced.

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	Lower Dir	1.5 Km	Washed away	Blocked	Causeway	Nil	Washed Away	Blocked
Punjab	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-	-
%GB	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-

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**

- Lower Chitral to upper Chitral road blocked near death nullah.
- Upper Chitral to Gilgit road is blocked at mastuj bridge and shidas nullah laspoor.
- Mastuj Uper Chitral to Yarkhoon broghul road block at Chunj Chapali Brep.
- Sonoghur road at maim nullah bolock.
- Nichagh oweer road block.
- Khot road block at Khot.

(2) **Lower Chitral**. Main Booni-Mustuj road to upper Chitral is blocked.

(3) **Upper Kohistan**. Main KKH is blocked at multiple points due to landslide.

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.

(1) **District Ghnche**.

- Valley road of Azeemabad at multiple locations.
- Dapa road blocked at multiple location.
- Kargil road is block at multiple location.

(2) **District Hunza**. KKH Sost-Khunjerab section blocked near Daya Khujerab.

4. **Cumulative Casualties - Deaths / Injuries (Started from 25 Jun 2023 up to 1300 Hours 24 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	67	40	38	145
*Sindh	6	1	5	12	2	0	0	2
Gilgit Baltistan	1	3	1	5	2	0	0	2
%AJ&K	3	1	0	4	2	3	0	5
ICT	11	0	0	11	5	0	0	5
TOTAL	60	24	56	140	95	56	72	223

* Death cumulative figures of have been updated.

%Death cumulative figures of have been reconciled with SDMA.

5. **Cumulative Damages of Infrastructure & Private Properties (Started from 25 Jun 2023 up to 1300 Hours 24 July 2023): -**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	0	0	16	6	22	2
Khyber Pakhtunkhwa	0	0	154	24	178	93
Punjab	0	0	63	3	66	1
*Sindh	0	0	0	0	0	147
Gilgit Baltistan	0	0	14	8	22	15
%AJ&K	0	0	103	37	140	8
ICT	0	0	0	0	0	0
TOTAL	0	0	350	78	428	266

* Data has been reconciled with PDMA Sindh and **16x livestock** have been added.

% Cumulative figures will be reconcile with SDMA.

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	Sleeping
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 24 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 24 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							
TOTAL							

NTR

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 PDMA's / 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-040/23

Dated: - 24th July, 2023
Time: - 11:55 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 Current: 1528.74 Max. Conservation: 1550.00	
JHELUM	-do-	Isolated thunderstorm/ rain (Sargodha Division)		
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current: 1216.95 Max Conservation: 1242.00	
RAVI	-do-	-do- (Lahore Division)		
SUTLEJ	-do-	-do- (Bahawalpur Division)		

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	383.0	319.4	380-350	Medium to Low
	Kalabagh	309.2	301.6	310 R 400	Low to Medium
	Chashma	348.3	345.8	310 R 400	-do-
	Taunsa	374.5	362.5	370-390	-do-
	Guddu	194.9	167.8	195-215	Low
	Sukkur	160.1	129.5	No significant change	Below Low
	Kotri	62.8	33.8	-do-	-do-
KABUL	Nowshera	100.6	100.6	100-80	Medium to Low
JHELUM	Mangla	72.0	10.0	70-90	Low
	Rasul	2.3	0.0	No significant change	Below Low
CHENAB	Marala	108.6	94.8	80-110	Low
	Khanki	104.4	97.4	90-105	-do-
	Qadirabad	106.3	96.3	90-105	-do-
	Trimmu	107.3	96.8	100-110	Below Low
	Punjnad	49.2	39.9	50-70	-do-
RAVI	Jassar	48.4	48.4	40-49	-do-
	Shahdara	20.6	20.6	20-40	-do-
	Balloki	67.8	42.5	60-67	Low to Medium
	Sidhnai	29.7	18.3	30-35	Low
SUTLEJ	G.S.Wala	55.9	55.9	50-60	Below Low
	Sulemanki	63.1	51.5	60-70	Low
	Islam	28.1	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-040/23

Dated: - 24th July, 2023
Time: - 11:55 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 Kabul at Nowshera is in medium flood level, River Indus at Tarbela, Kalabagh, Chashma & Tunsu, River Ravi at Balloki and River Sutlej at Sulemanki 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) and in Hill Torrents of D.G Khan Division during 48-hours.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's monsoon low over Southwest Madhya Pradesh & adjoining Rajasthan has weakened into trough.
- b. Moderate to Strong moist currents from Bay of Bengal and Arabian Sea are penetrating to lower half of the country up to 5000 feet.
- c. Seasonal low lies over North 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 and Rawalpindi, Peshawar & upper Sindh. Isolated thunderstorm/rain of light to moderate intensity is expected over rest of Punjab.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Rainfall activity is likely to subside slightly over most parts of country.

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

- | | |
|----------------|--|
| Indus: | Padidan=120, Dadu=75, Mirpur Khas=72, Oghi=67, Sakrand=53, Murree & Phulra=45(each), Khanpur=42, Astore=38, Bosak Bridge=31, Chhor=29, Rahim Yar Khan=26, Tando Jam=24, Islamabad [Bokra=24, Chaklala (Airbase)=22, Zeropoint=21, Shamsabad=20, Saidpur=16, Golra=10], Shaheed Benazirabad=23, Rohri=22, Moin-Jo-Daro=21, Mithi=20, Sukkur=19, Shinkari=17, Kakul=14, Badin, Buner & Daggar=13(each), Thatta, Jacobabad & DG Khan(Airport)=10(each), Pattan, Khairpur, Bagrote & Besham=08(each), Hyderabad, Layyah & Larkana=07(each), Gilgit=06. |
| Jhelum: | Domel=36, Muzaffarabad (Airport=31 & City=18), Chattar Kallas=27, Palandri=18, Balakot=16, Garhi Dopatta=10, Rawalakot & Haraman=07(each). |
| Chenab: | Kot Addu=14. |
| Ravi: | -Nil- |
| Sutlej: | -do- |
| Others: | Karachi [Surjani Town=20, Quaidabad=11, North Karachi & Kemari=09(each), Orangi Town=08, Korengi =07, Gulshan e Mymar, Gulshan e Hadeed & Nazimabad=06(each)], Sibbi=15, Lasbela=13, Panjgur=11, Khuzdar & Zhob=10(each), Loralai & Quetta (Sheikh Manda)=07(each). |

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

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Chief Meteorologist: 04299200208 & Duty Officer 24/7 hrs: 04299200139, 04299205367-70 and Fax:04299200209 & 5367

Bx Fax

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 Monday 24-07-2023 at 0800 PST

Stations		Rainfall (mm)	
Sindh			
Padidan		120	
Dadu		75	
Mirpurkhas		72	
Sakrand		53	
Chhor		29	
Shaheed Benazirabad		23	
Rohri		22	
Mohenjodaro		21	
Karachi	(Surjani Town 20, Quaidabad 11, North Karachi, Kemari 09, Orangi Town 08, Korangi 07, Nazimabad, Gulshan-e-Hadeed, Gulshan-e-Maymar 06, Faisal Base, Masroor Base 05, University Road 04, Saadi Town 02, DHA Phase II, A/P 01)		
Tharparkar	(Mithi, Kaloi 20, Diplo 09, Islamkot & Dahli 03)		
Sukkur		19	
Badin		13	
Jacobabad & Thatta		10	
Khairpur		08	
Hyderabad & Larkana		07	
Punjab			
Murree		45	
Khanpur		42	
Rajanpur		(Bandu Wala 42)	
Dera Ghazi Khan		(Vehova 31, City 10 & Zain Sanghar Nullah 01)	
Rahimyar Khan		26	
Rawalpindi		(Kacheri 26, Chaklala 22 & Shamsabad 20)	
Islamabad		(Bokra 24, Z/P 21, Saidpur 16, Golra 10 & Islamabad A/P 01)	
Kot Addu		14	
Karor (Layyah)		07	
Bahawalnagar		02	
Gilgit-Baltistan			
Astore		38	
Bagrote		08	
Gilgit		06	
Bunji		04	
Skardu		03	
Kashmir			
Muzaffarabad		(A/P 31 & City 18)	
Chattar Kalas		27	
Garhidupatta		10	
Rawalakot & Haraman		07	
Dhulli		01	
Khyber Pakhtunkhwa			
Balakot		16	
Kakul		14	
Buner		13	
Pattan		08	
Bannu, Cherat & Malamjabba		01	
Balochistan			
Sibbi		15	
Lasbella		13	
Panjgur		11	
Khuzdar & Zhob		10	
Loralai		07	
Barkhan		05	
Quetta		(Samungli 04)	
Pasni & Turbat		03	
Kalat		01	
Maximum Wind Reported			
Station	Wind (kt)	Km/hr	Direction
NIL			
Maximum Water Level at Nullah Lai (Last 24 Hours)			
Station	Level (Feet)	Time (PST)	Flood Situation
Kattarian	7.5	1020	Normal
Gawalmandi	06	0940	Normal