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F.2 (E)/2023-NDMA (MW/SITREP-34)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD



Dated: **29 July 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 34**

NDMA Monsoon 2023 Daily Situation Report No **34**, covering period from **1300 hours 28th July 2023 to 1300 hours 29th July 2023** is enclosed for information/necessary action, please.

(Muhammad Ali Khan)

Director (Response)

Telephone No: 051-9030924

Fax: 051-9030729

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 - 34
(PERIOD COVERED: 1300 HRS - 28 JUL 2023 TO 1300 HRS - 29 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	-	0	0	0	0	
State of AJ&K	Muzaffarabad	0	1	2	4	Roof Collapse
	Sudhnoti	0	0	1		Landsliding
Islamabad Capital Territory		0	0	0	0	
TOTAL		0	1	3	4	

b. **Injuries**

Province/ Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	Mardan	0	1	0	2	Roof Collapse
	Lower Dir	1	0	0		Roof Collapse
Punjab	-	0	0	0	0	
Sindh	-	0	0	0	0	
Gilgit Baltistan	-	0	0	0	0	
State of AJ&K	Sudhnoti	1	1	0	2	Landsliding
Islamabad Capital Territory		0	0	0	0	
TOTAL		2	2	0	4	

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	Jaffarabad	0	1	38	0
	Kalat	0	2		
	Pishin	35	0		
KP	Mardan	1	0	14	0
	Charsadda	2	2		0
	Upper Chitral	0	0		89
	Lower Dir	1	1		0
	Swat	0	1		0
	Upper Dir	1	0		0
	Abbottabad	1	0		0
	Torghar	4	0		
	Punjab	-	0		0
Sindh	-	0	0	0	0
Gilgit Baltistan	Diamer	14	7	21	12
State of AJ&K	Muzaffarabad	0	1	4	0
	Sudhnoti	2	0		
	Bhimber	0	1		
Islamabad Capital Territory		0	0	0	0
TOTAL		61	16	77	0

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	-	-	-	-	-	-	-	-
State of 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:-**

- (a) Mastuj-Yarkhun Road at Darband, Dubargar and Zhupu Bridge.
- (b) Mastuj-Shandur Road at Ceturghoni.
- (c) Miragram-II at Miragram Nullah.
- (d) Nichagh at Gazeen.

(2) **Upper Kohistan:-**

- (a) Kaigh Valley Road.
- (b) Chapar Nullah to Sial Seri Road.

(3) **Buner**. Buner – Shangla Road.b. **GB**.

(1) Following roads have been reported blocked by GBDMA due to heavy rain/ flash flood. DDMA has mobilized machinery for early restoration of roads.

- (a) KKH is blocked at Thalichi area due to Aushora procession.
- (b) AVR is blocked at various location between Chashma hotel Dashkin to Ramgat.
- (c) Misgar Hunza link road is damaged at various locations.
- (d) Tangir Main valley road is blocked at Sheikho due to landslide.
- (e) KKH is open for light traffic at Tata Pani Raikot and Lal Pari area.
- (f)

4. **Cumulative Casualties - Deaths / Injuries (Started from 25 Jun 2023 up to 1300 Hours 29 July 2023):-**

Province/ Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	6	2	2	10	5	2	6	13
Khyber Pakhtunkhwa	10	8	29	47	20	16	28	64
Punjab	30	11	26	67	70	49	39	158
Sindh	8	3	10	21	5	4	1	10
Gilgit Baltistan	1	3	1	5	2	0	0	2
State of AJ&K	3	5	4	12	3	5	0	8
Islamabad Capital Territory	11	0	0	11	5	0	0	5
TOTAL	69	32	72	173	110	76	74	260

5. **Cumulative Damages of Infrastructure & Private Properties (Started from 25 Jun 2023 up to 1300 Hours 29 July 2023): -**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	0	0	261	115	376	2
Khyber Pakhtunkhwa	0	0	261	52	313	214
Punjab*	0	0	76	3	79	3
Sindh	0	0	324	18	342	213
Gilgit Baltistan	0	0	28	15	43	27
State of AJ&K	0	0	277	55	332	16
ICT	0	0	0	0	0	0
TOTAL	0	0	1227	258	1485	475

PDMA Punjab as updates its SITREP and added 1x house Partially damaged.

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			
State of 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							
State of AJ&K							
Islamabad Capital Territory							
TOTAL							

7. **Cumulative Flood Relief Activities (Started from 25 Jun 2023 up to 1300 Hours 29 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			
State of AJ&K			
Islamabad Capital Territory			
TOTAL			

b. **Cumulative State of Rescue Operations (Started from 25 Jun 2023 up to 1300 Hours 28 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							
State of 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 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-045/23

Dated: - 29th 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 to widespread wind thunderstorm/ rain	Scattered to widespread wind thunderstorm/ rain (Rawalpindi Division)	TARBELA	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1533.65
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	MANGLA	
SUTLEJ	-do-	-do- (Bahawalpur Division)	Current:	1225.20
			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	269.0	256.1	265-280	Low
	Kalabagh	323.3	315.3	325-350	-do-
	Chashma	342.0	338.0	330-360	-do-
	Taunsa	397.1	397.1	390-420	Medium
	Guddu	410.9	396.7	410-445	-do-
	Sukkur	360.0	322.6	360-390	-do-
	Kotri	122.9	90.8	125-150	Low
KABUL	Nowshera	73.0	73.0	80-110	Medium
JHELUM	Mangla	67.0	10.0	70-90	Low (Sharp peak up to medium flood level)
	Rasul	7.9	5.3	No significant change	Below Low
CHENAB	Marala	121.7	104.7	115-130	Low
	Khanki	100.4	93.2	90-110	-do-
	Qadirabad	92.8	82.8	90-110	-do-
	Trimmu	86.6	78.2	No significant change	Below Low
	Punjnad	106.5	97.2	105-125	-do-
RAVI	Jassar	47.0	47.0	45-50	Low
	Shahdara	38.1	38.1	No significant change	Below Low
	Balloki	64.5	51.5	65-70	Medium
	Sidhnai	41.4	31.8	41-45	Low
SUTLEJ	G.S.Wala	58.4	58.4	55-60	Below Low
	Sulemanki	82.7	82.7	80-85	Medium
	Islam	40.2	40.2	40-48	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

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

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

BULLETIN No. A-045/23

Dated: - 29th July, 2023
Time: - 10:50 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 Taunsa & Guddu and River Sutlej at Sulemanki are in Medium flood level. River Indus at Tarbela, Kalabagh, Chashma & Sukkur, River Kabul at Nowshera, River Chenab at Marala and River Ravi at Balloki & Sidhni are in Low flood level. Moderate Flash flooding is expected in the Hill torrents of DG Khan Division along with tributaries of River Kabul during next 24 hours.

ALERT: Due to combining effect of Downstream discharges from Taunsa and Punjnad, River Indus at GUDDU may attain High Flood level on 30th July-2023 at SUKKUR on 31st July-2023.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave over Northern parts of the country persists.
- b. Moderate moist currents from Arabian Sea are penetrating to upper parts of the country up to 5000 feet.
- c. Seasonal low lies over Northeast Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

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

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Wet spell is likely to decrease.

V: RIVERS CATCHMENTS RAINFALL RECORDED >02 (MM) DURING LAST 24 HRS (UPTO 0800 PST):

Indus:	Islamabad (Saidpur=98, Golra=79, Zeropoint=75, Shamsabad=72, Bokra=62, Chaklala Airbase=54, New Airport=07), Larkana=52, Tarbela=51, Saidu Sharif=42, Moin-Jo-Daro & Bar khan=36 (each), Oghi=33, Daggar & Phulra=31(each), Dir=26, Malam Jabba & Murree=23(each), Kamra (Airbase)=21, Shinkari=20, Kakul=17, Besham, Takht Bai & Mardan=15(each), D.G khan (Zain Sanghar)=14, Padidan=13, Risalpur, Buner & Kalam=11(each), Attock & Parachinar=10 (each), Cherat & Babusar=08(each), Bagrote=06, Bosak Bidge=05, Lower Dir & Bunji=04(each), Jacobabad, Shaheed Benazirabad & Gilgit=03(each),
Jhelum:	Palandri=104, Haraman=62, Kallar=59, Domel & Kotli=56 (each), Muzaffarabad (Airport=45, City=28), Balakot & Mandibahauddin=28(each), Rawalakot=19, Chattar Kallas=14, Garhi Dopatta=10, Sargodha (Airbase=08, City=03), Chakwal=04,
Chenab:	Gujranwala (Cantt=64, City=63), Sialkot (Cantt=49, Airport=43), Gujrat=22, Hafizabad=17, Noorpur Thal & Daulatnagar=05(each)
Ravi:	Lahore (Shahi Qilla=33, Luckshami=10, Shahdara=09), Narowal=12,
Sutlej:	-Nil-
Others:	Dalbandin=10, Loralai=04,

**(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

Name of Dam	Full Reservoir Level (ft)	Live Storage Capacity at FRL (MAF)	Live Storage (MAF)	Reservoir Level (ft)	Storage (%)	Storage last year (%)
i. Bhakra Dam on River Sutlej	1680	5.050	<u>3.724</u> 27-07.2023	1657.56	74	39
ii. Pong Dam on River Beas	1390	4.991	<u>3.901</u> 27.07.2023	1376.54	78	30
iii. Thein Dam on River Ravi	1732	1.900	<u>1.653</u> 27.07.2023	1718.68	87	47

The data is being shared for flows information
This issues with the approval of PCIW
Dated: 27th July 2023



(ADNAN MUHAMMAD)

Deputy Commissioner for Indus Waters
Tele: 051-9244674

Data source: www.bhmb.gov.in
www.cwc.gov.in

Copy forwarded by Fax to:

1. Secretary, Ministry of Water Resources, Islamabad.
2. Chief Secretary, GilgitBaltistan, Gilgit.
3. Chief Secretary, Government of Azad Jammu and Kashmir, Muaffarabad.
4. Chief Secretary, Government of Punjab, Lahore.
5. Chief Secretary, Government of Sindh, Karachi.
6. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
7. Chief Secretary, Government of Balochistan, Quetta.
8. Secretary, Irrigation Department, Punjab, Lahore.
9. Secretary, Irrigation Department, Sindh, Karachi.
10. Secretary, Irrigation Department, Khyber Pakhtunkhwa, Peshawar.
11. Secretary, Irrigation Department, Balochistan, Quetta.
12. Joint Secretary (Water), Ministry of Water Resources, Islamabad.
13. Chairman, National Disaster Management Authority (NDMA), Islamabad.
14. CEA/CFFC, Islamabad.
15. Chairman, Indus River System Authority (IRSA), Islamabad.
16. M.O. Directorate, G.H.Q, Rawalpindi.
17. D.G. (Engrs), G.H.Q, Rawalpindi.
18. Engineers, 4-Corps, Lahore
19. Engineers, 30-Corps, Gujranwala.
20. Relief Commissioner/Senior Member, Board of Revenue, Punjab, Lahore.
21. D.G. (PDMA) Punjab, 40/A- Lawrence Road, Lahore.
22. Chief Engineer (H&WM), Wapda House, Lahore.
23. XEN Irrigation, Marala Headwork.
24. XEN Irrigation, Kasur.
25. Mr. Shakeel, Director, Irrigation Department, Government of the Punjab, Lahore.
26. Mr. Aslam, Chief Meteorologist, F.F.D. 46-Jail Road, Lahore.
27. Office Incharge, F.W.C. 46-Jail Road, Lahore.


National Weather Forecasting Centre
 Pakistan Meteorological Department

Total Rainfall (mm) last 24 hours on Saturday 29-07-2023 at 0800 PST

Stations	Rainfall (mm)
Punjab	
Islamabad	(Saidpur 98, Golra 79, ZP 75, Bokra 62 & AP 07)
Rawalpindi	(Shamsabad 72, Chaklala 54 & Kacheri 37)
Gujranwala	63
Sialkot	(City 49 & AP 43)
Lahore	(Shahi Qila 33, Lakshmi Chowk 10, Farrukhabad 09, Gulshan-e-Ravi 02, Gulberg, Mughalpura 01 & City Trace)
Mandi Bahauddin	28
Murree	23
Gujrat	22
Hafizabad	17
D.G.Khan	(Zain Sanghar Nullah 14 & City 02)
Narowal	12
Attock	10
Noorpurthal	05
Chakwal	04
Sargodha	03
Jhelum, Mangla, Joharabad & Kot Addu	01
Multan (AP)	Trace
Kashmir	
Haraman	62
Kotli	52
Muzaffarabad	(AP 45 & City 28)
Chattar Kalas	14
Garhidupatta	10
Barnala & Dhulli	01
Sindh	
Larkana	52
Mohenjodaro	36
Padidan	13
Jacobabad & Shaheed Benazirabad	03
Karachi	(Faisal Base, Masroor Base 02, Old area AP, Kemari & North Karachi Trace)
Khyber Pakhtunkhwa	
Saidu Sharif	42
Balakot	26
Dir	(Upper 26 & Lower 04)
Malam Jabba	23
Kakul	17
Takht Bhai & Mardan	15
Kalam & Buner	11
Parachinar	10
Cherat	08
Landi Kotal	01
Peshawar (City, AP) & Bacha Khan AP	Trace
Balochistan	
Barkhan	36
Dalbandin	10
Loralai	04
Khuzdar	02
Ormara	01
Gilgit-Baltistan	
Babusar	08
Astore, Gupis & Chillas	02