



F.2 (E)/2023-NDMA (MW/SITREP-47)
**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD**



Dated: **11 August 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 47**

NDMA Monsoon 2023 Daily Situation Report No **47**, covering period from **1300 hours 10th August 2023 to 1300 hours 11th August 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 - 47**(PERIOD COVERED: 1300 HRS - 10 AUGUST 2023 TO 1300 HRS - 11 AUGUST 2023)****1. Casualties and Injuries (Last 24 hours)****a. Deaths**

Province/ Region	District	Deaths				Remarks
		M	F	C	T	
Balochistan	Sherani	0	2	2	4	Flash Flood
KP	-	0	0	0	0	
Punjab	-	0	0	0	0	
Sindh	-	0	0	0	0	
Gilgit Baltistan	Hunza	1	0	0	1	Flash Flood
AJ&K	-	0	0	0	0	
Islamabad Capital Territory		0	0	0	0	
TOTAL		1	2	2	5	

b. Injuries

Province/ Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	Sherani	1	1	0	2	Flash Flood
KP	Lower Chitral	1	1	0	2	Flash Flood
Punjab	-	0	0	0	0	
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	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	-	0	0	0	0
KP	Lower Chitral	3	1	5	0
	Malakand	1	0		1
Punjab		0	0	0	0
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		4	1	5	1

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)	Number of Bridges	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	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-

3. **Roads Situation KP***. Following roads have been reported blocked by PDMA KP due to heavyrain / flash flood. DDMA has mobilized machinery for early restoration of roads:-

a. **Lower Chitral**. Shishikoh and Mudkalshit Road at Pattigarh Sherati Gol is blocked for all types of traffic.

b. **Upper Chitral**. Mastuj-Yarkhoon Road at Zhupu Bridge is still blocked.

4. **Cumulative Casualties - Deaths / Injuries (Started from 25 Jun 2023 up to 1300 Hours on 11 August 2023): -**

Province/ Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	8	5	8	21	17	3	7	27
Khyber Pakhtunkhwa	16	9	34	59	27	19	32	78
Punjab	32	12	28	72	71	51	41	163
Sindh	10	3	10	23	5	4	1	10
Gilgit Baltistan	3	3	1	7	2	0	0	2
AJ&K	4	7	6	17	5	4	0	9
Islamabad Capital Territory	11	0	0	11	5	0	0	5
TOTAL	84	39	87	210	132	81	81	294

5. **Cumulative Damages of Infrastructure & Private Properties (Started from 25 Jun 2023 up to 1300 Hours on 11 August 2023): -**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	24	4	910	1410	2320	628
Khyber Pakhtunkhwa	0	0	426	86	512	228
Punjab	0	0	77	4	81	3
Sindh	0	0	324	18	342	213
Gilgit Baltistan	1.76	1	82	19	101	37
AJ&K	0	0	353	98	451	21
ICT	0	0	0	0	0	0
TOTAL	25.76	5	2172	1635	3807	1130

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

NTR

7. **Cumulative Flood Relief Activities (Started from 25 Jun 2023 up to 1300 Hours on 11 August 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			
TOTAL			

b. **Cumulative State of Rescue Operations (Started from 25 Jun 2023 up to 1300 Hours on 11 August 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							

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-058/23

Dated: - 11th August, 2023

Time: - 10:45 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	Isolated wind thunderstorm/rain	Isolated wind thunderstorm/rain (Rawalpindi Division)	TARBELA Current: 1550.00 Max. Conservation: 1550.00	
JHELUM	Scattered wind thunderstorm/rain	-do- (Sargodha Division)		
CHENAB	-do-	Scattered wind thunderstorm/rain (Gujranwala Division)	MANGLA Current: 1238.15 Max Conservation: 1242.00	
RAVI	-do-	-do- (Lahore Division)		
SUTLEJ	-do-	Mainly Dry Weather (Bahawalpur Division)		

II: QUANTITATIVE FLOOD FORECAST OF GAUGING STATIONS (IN THOUSANDS OF CUSEC/S)

RIVERS	Stations	Actual Observations at 0600 PST		Quantitative Forecast for Next 24-hrs. (Inflow)	Qualitative Forecasted Flood Level (Inflow)
		Inflow	Outflow		
INDUS	Tarbela	209.0	155.0	180-210	Below Low
	Kalabagh	225.2	217.2	225-249	-do-
	Chashma	245.7	224.7	200-245	-do-
	Taunsa	310.9	293.1	280-310	Low
	Guddu	277.5	244.4	280-295	-do-
	Sukkur	234.0	179.5	225-235	-do-
	Kotri	246.9	207.5	235-246	-do-
KABUL	Nowshera	39.7	39.7	No significant change	Below Low
JHELUM	Mangla	30.0	10.0	30-50	-do-
	Rasul	3.2	0.0	No significant change	-do-
CHENAB	Marala	83.2	54.3	70-80	-do-
	Khanki	54.8	47.0	No significant change	-do-
	Qadirabad	43.3	33.3	-do-	-do-
	Trimmu	69.0	60.4	-do-	-do-
	Punjad	69.6	54.2	-do-	-do-
RAVI	Jassar	16.7	16.7	-do-	-do-
	Shahdara	23.5	23.5	-do-	-do-
	Balloki	38.8	16.0	-do-	-do-
	Sidhnai	35.8	18.9	30-35	Low
SUTLEJ	G.S.Wala	52.7	52.7	No significant change	Below Low
	Sulemanki	59.4	46.7	50-59	Low
	Islam	51.6	49.6	47-52	-do-

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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BULLETIN No. A-058/23

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



Dated: - 11th August, 2023
Time: - 10:45 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 & Kotri is in Low flood level.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave over Northern parts of Afghanistan persists.
- b. Light to Moderate moist currents from Arabian Sea are penetrating to upper parts of the country up to 5000 feet.
- c. 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 Rivers Jhelum, Chenab, Ravi & Sutlej along with Gujranwala & Lahore Divisions. Isolated wind thunderstorm/rain of moderate intensity is also expected over the upper catchment of River Indus, Islamabad along with Peshawar, DI Khan, Rawalpindi, Sargodha & DG Khan Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Rainfall activity is likely to increase slightly.

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

<p>Indus: Islamabad [Saidpur=72, Zeropoint=50, Golra=32, Shamsabad=22, Chaklala (Airbase)=08, New Airport=01], Daggar=28, Besham=22, Kakul & Murree=19(each), Takht Bai & Mardan=13(each), Buner & Malam Jabba=09(each), Bosak Bridge & Bannu=08(each), Pashat-Bajaur & Shinkiari=06(each), Dir & Kalam=04(each), Mianwali (Airbase), Mamad Gut, Lower Dir, Saidu Sharif & Khaar-Bajaur=03(each), Mirkhani=01, Oghi, Gilgit, Raisalpur, Tirah-Khyber, Barkhan & Peshawar (City, Airbase & Bacha Khan A/P)=Trace(each).</p> <p>Jhelum: Kallar=41, Palandri=19, Rawalakot=06, Dhulli, Bandi Abbaspur & Balakot=01(each).</p> <p>Chenab: Barnala=19, Gujranwala=10, Daulatnagar=05, Sialkot (Cant)=Trace.</p> <p>Ravi: Lahore [Gulshan e Ravi=71, Shahi Qilla=49, Luckshami=46, Upper Mall=38 Taj Pura=15, Gulburg=09, Shahdara=06, Iqbal Town=05, Qurtba chock=04, Jail Road & Samanabad=02(each), Airport=Trace], Kotnaina=11, Shakar Garh=07, Ravi Syphon=02, Narowal=01.</p> <p>Sutlej: -Nil-</p> <p>Others: Zhob=08, Ziarat=01.</p>

(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)	Current Live Storage (MAF)	Reservoir Level (ft)	Storage (%)	Storage last year (%)
i. Bhakra Dam on River Sutlej	1680	5.050	<u>4.088</u> 10-08.2023	1667.20	81	55
ii. Pong Dam on River Beas	1390	4.991	<u>3.729</u> 10.08.2023	1372.38	75	52
iii. Thein Dam on River Ravi	1732	1.900	<u>1.588</u> 10.08.2023	1713.90	84	72

The data is being shared for flows information
This issues with the approval of PCIW
Dated: 10th August 2023



(ADNAN MUHAMMAD)

Deputy Commissioner for Indus Waters
Tele: 051-9244674

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

Copy forwarded by Fax to:

1. Secretary, Ministry of Water Resources, Islamabad.
2. Chief Secretary, Gilgit-Baltistan, 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 Friday 11-08-2023 at 0800 PST

Stations		Rainfall (mm)		
Punjab				
Islamabad		(Saidpur 72, Zero Point 50, Golra 32 & A/P 01)		
Lahore		(Gulshan-e-Ravi 71, Shahi Qila 49, Lakshmi Chowk 46, Upper Mall 38, Tajpura 15, Gulberg 09, Farrukhabad 06, Iqbal Town 05, Qurtaba Chowk 04, Samanabad, City 02 & A/P Trace)		
Rawalpindi		(Shamsabad 22 & Chaklala 08)		
Murree		19		
Narowal		01		
Gujranwala & Sialkot (City)		Trace		
Khyber Pakhtunkhwa				
Kakul		19		
Mardan		13		
Malamjabba & Buner		09		
Bannu		08		
Pashat Bajaur		06		
Dir		(Upper 04 & Lower 03)		
Kalam		04		
Saidu Sharif, Khaar Bajaur & Mamad Gut		03		
Balakot, Mirkhani		01		
Peshawar (City), Bacha Khan (A/P) & Tirah Khyber		Trace		
Kashmir				
Barnala		19		
Rawalakot		06		
Bandi Abbaspur		01		
Balochistan				
Zhob		08		
Barkhan		Trace		
Gilgit-Baltistan				
Gilgit		Trace		
Sindh				
NIL				
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Islamabad (Z/P)	40	74	N	1255
Lahore (A/P)	35	64	NW	1530
Rawalpindi (Chaklala)	30	55	NW	1310
Islamabad (A/P)	25	46	N	1505
NIL				
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				