



F.2 (E)/2023-NDMA (MW/SITREP-23)
**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD**



Dated: **18 July 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 23**

NDMA Monsoon 2023 Daily Situation Report No **23**, covering period from **1300 hours 17th July 2023 to 1300 hours 18th 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 - 23
(PERIOD COVERED: 1300 HRS - 17 JUL 2023 TO 1300 HRS - 18 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	Okara	1	0	0	1	Drowning case
Sindh	Tharparker	1	0	0	1	Drowning case
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
Islamabad Capital Territory		0	0	0	0	
TOTAL		2	0	0	2	

b. **Injuries**

Province/ Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	Barkhan	0	0	1	1	
KP	-	0	0	0	0	
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		0	0	1	1	

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	Barkhan	0	1	1	0
KP	-	0	0	0	0
Punjab	-	0	0	0	0
*Sindh	Tharpaker	0	0	0	124
Gilgit Baltistan	-	0	0	0	0
AJ&K	-	0	0	0	0
Islamabad Capital Territory		0	0	0	0
TOTAL		0	1	1	124

* PDMA Sindh reported **124x livestock** perished in SITREP no 3432 dated 16 July 2023, however these cases had occurred during **6-10 July 2023**.

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	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-

3. **Road Situation.** Road block reported from KP, Yarkhon road at Brep nullah Tehsil Mastuj Upper Chitral is blocked due to flash flood.

4. **Cumulative Casualties - Deaths / Injuries (Started from 25 Jun 2023 up to 1300 Hours 18 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	4	5	15	24	11	7	23	41
Punjab	27	8	21	56	49	37	30	116
Sindh	5	1	4	10	2	0	0	2
Gilgit Baltistan	0	0	0	0	0	0	0	0
AJ&K	2	1	0	3	1	2	0	3
ICT	0	0	0	0	0	0	0	0
TOTAL	42	16	41	99	68	48	59	175

5. **Cumulative Damages of Infrastructure & Private Properties (Started from 25 Jun 2023 up to 1300 Hours 18 July 2023): -**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	0	0	10	4	14	2
Khyber Pakhtunkhwa	0	0	51	6	57	43
*Punjab	0	0	42	3	45	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
TOTAL	0	0	113	17	130	170

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

6. **Flood Relief Activities (Last 24 hours)**a. **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. **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 18 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 18 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.**

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

BULLETIN No. B-034/23

Dated: - 18th July, 2023
Time: - 11:30 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)	TARBELA	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1515.67
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	MANGLA	
SUTLEJ	-do-	-do- (Bahawalpur Division)	Current:	1206.95
			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	200.0	252.8	200-225	Below Low
	Kalabagh	226.1	218.1	220-230	-do-
	Chashma	214.7	209.8	No significant change	-do-
	Taunsa	190.2	172.2	-do-	-do-
	Guddu	183.8	143.8	-do-	-do-
	Sukkur	129.7	74.0	-do-	-do-
	Kotri	70.5	28.2	-do-	-do-
KABUL	Nowshera	50.8	50.8	50-60	Low
JHELUM	Mangla	53.0	10.0	50-80	-do- (Sharp peak up to medium)
	Rasul	3.6	0.0	No significant change	Below Low
CHENAB	Marala	95.2	66.9	100-130	Low
	Khanki	71.3	63.9	70-100	-do-
	Qadirabad	63.1	53.1	No significant change	Below Low
	Trimmu	34.5	21.0	-do-	-do-
	Punjad	42.8	28.3	-do-	-do-
RAVI	Jassar	29.9	29.9	-do-	-do-
	Shahdara	20.6	20.6	-do-	-do-
	Balloki	45.5	27.8	42-47	Low
	Sidhnai	26.9	11.5	No significant change	Below Low
SUTLEJ	G.S.Wala	20.4	20.4	-do-	-do-
	Sulemanki	45.3	45.3	30-35	-do-
	Islam	18.7	18.7	20-45	-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

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

BULLETIN No. A-034/23

Dated: - 18th July, 2023
Time: - 11:30 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 Tarbela is in Low Flood Level, 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 Iran today lies over Northwestern parts of Afghanistan.
- b. Yesterday's monsoon low over West Jharkhand (India) and adjoining areas moved westwards and today lies over east Madhya Pradesh.
- 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 and are likely to become strong.
- d. Seasonal low lies over Northwest Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered wind thunderstorm/rain of moderate intensity with isolated heavy falls 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:

Wet spell is likely to become more marked. Light to moderate rain is also expected over Southeast Sindh.

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

Indus:	Kamra (Airbase)=10, Attock=02, Gupis & Tirah-Khyber=01(each), Oghi=Trace.
Jhelum:	Muzaffarabad (City=15 & Airport=03), Dhulli=02, Bandi Abbaspur=01 & Hajira=Trace.
Chenab:	-Nil-
Ravi:	-d0-
Sutlej:	-do-
Others:	Khuzdar=07 & Karachi (airport)=Trace.


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

Date	Bhakra Dam (F.R.L)	Level	Inflow	Outflow	Level in Feet & Discharge in Cusecs			
					Pong Dam (F.R.L)	Level	Inflow	Outflow
10.07.2023	1680	1614.89	134,414	19,243	1390	1350.63	258,818	503
11.07.2023	1680	1624.14	155,395	18,330	1390	1360.04	224,114	504
12.07.2023	1680	1628.72	92,261	19,351	1390	1363.96	111,173	9,572
13.07.2023	1680	1631.18	57,231	18,069	1390	1365.55	51,236	10,025
14.07.2023	1680	1634.27	65,865	16,675	1390	1366.75	41,105	10,002
15.07.2023	1680	1636.35	49,714	16,601	1390	1367.84	41,885	13,634
16.07.2023	1680	1638.74	54,963	16,916	1390	1369.15	49,962	16,008
17.07.2023	1680	1641.30	61,226	17,992	1390	1371.78	90,752	19,987

The data is being shared for flows information
This issues with the approval of PCIW
Dated: 17th July 2023



(ADNAN MUMAHAMMAD)
Deputy Commissioner for Indus Waters
Tele: 051-9244674

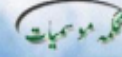
Data source:-www.bhmb.gov.in , www.cwc.gov.in

Copy forwarded by Fax to:

1. Secretary, Ministry of Water Resources, Islamabad.
2. Chief Secretary, Gilgit-Balistan, Gilgit.
3. Chief Secretary, Government of Azad Jammu and Kashmir, Muzaffarabad.
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 (I&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, FFD, 46-Jail Road, Lahore.
27. Office In charge, FFD, 46-Jail Road, Lahore.



National Weather Forecasting Centre
Pakistan Meteorological Department



Total Rainfall (mm) last 24 hours on Tuesday 18-07-2023 at 0800 PST				
Stations		Rainfall (mm)		
Kashmir				
Muzaffarabad	City 15 & A/P 03			
Dhulli	02			
Bandi Abbaspur	01			
Punjab				
Khanpur	09			
Attock	02			
Balochistan				
Khuzdar	07			
Khyber Pakhtunkhwa				
Tirah-Khyber	02			
Gilgit-Baltistan				
Gupis	01			
Sindh				
Karachi	Trace			
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Nil				
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
Nil				