



F.2 (E)/2023-NDMA (MW/SITREP-27)
**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD**



Dated: **22 July 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 27**

NDMA Monsoon 2023 Daily Situation Report No **27**, covering period from **1300 hours 21st July 2023 to 1300 hours 22nd July 2023** is enclosed for information/necessary action, please.

(Muhammad Ali Khan)

Director (Response)

Telephone No: 051-9030924

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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 - 27
(PERIOD COVERED: 1300 HRS - 21 JUL 2023 TO 1300 HRS - 22 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	Mansehra	0	1	3	4	
Punjab	Lahore	1	0	2	5	Electrocution
	Gujranwala	0	1	0		Roof Collapse
	Faisalabad	0	1	0		Roof Collapse
Sindh	Tharparker	2	0	0	2	Lightning
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
Islamabad Capital Territory		0	0	0	0	
TOTAL		3	3	5	11	

b. **Injuries**

Province/ Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	Mansehra	0	0	1	1	Roof Collapse
Punjab	Lahore	0	0	1	8	Electrocution
	MB Din	0	1	0		Roof Collapse
	Faisalabad	4	0	2		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		4	1	4	9	

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	Mardan	1	0	28	2
	Upper-Chitral	6	8		0
	Swat	1	0		
	Lower-Chitral	9	0		
	Masehra	3	0		
Punjab	-	3	0	3	0
Sindh	-	0	0	0	7
Gilgit Baltistan	Diamer	3	1	4	0
AJ&K	Muzafarabad	38	0	38	0
	Neelum	0	0		0
Islamabad Capital Territory		0	0	0	0
TOTAL		64	9	73	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	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-

3. **Road 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:-**

- Yarkhun road at Dubargar and Darband.
- Mastuj Shandur road at Shahidas.
- Ghoru Chuinj/ Mastuj Boroghil at Parkusap.
- Chapali Khuzk link road at Khuz.

(2) **Lower Chitral:-**

- Chitral Circular road at Danin.
- Chitral Booni road at Kari RCC bridge and Koghuzi bridge.
- Main Mastuj road to upper Chitral.
- Garm Chashma road.

(3) **Upper Dir :-**

- Kumrat road at Kalkot Police station, Seemar Bayar.
- Kumrat road at Patrak Police station at Tapande Patrak.

b. **GB** %. Nazbar road, Yasin valley, Ghizar is blocked at multiple location due to rise in water level in nullahs.

4. **Cumulative Casualties - Deaths / Injuries (Started from 25 Jun 2023 up to 1300 Hours 22 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	6	19	30	11	7	26	44
Punjab	29	10	24	63	59	39	38	136
Sindh	4	1	5	10	2	0	0	2
Gilgit Baltistan	1	0	0	1	1	0	0	1
AJ&K	2	1	0	3	2	3	0	5
ICT	11	0	0	11	5	0	0	5
TOTAL	56	19	49	124	85	51	70	206

5. **Cumulative Damages of Infrastructure & Private Properties (Started from 25 Jun 2023 up to 1300 Hours 22 July 2023): -**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	0	0	10	4	14	2
Khyber Pakhtunkhwa	0	0	86	15	101	45
Punjab	0	0	60	3	63	1
Sindh	0	0	0	0	0	124
Gilgit Baltistan	0	0	14	8	22	15
AJ&K	0	0	54	7	61	4
ICT	0	0	0	0	0	0
TOTAL	0	0	224	37	261	191

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 22 July 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			

NTR

b. **Cumulative State of Rescue Operations (Started from 25 Jun 2023 up to 1300 Hours 22 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 and other Govt Depts.

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

BULLETIN No. B-038/23

Dated: - 22nd July, 2023

Time: - 11:09 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 thunderstorms/rain	Scattered to widespread wind thunderstorms/rain (Rawalpindi Division)	TARBELA	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1523.89
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	MANGLA	
SUTLEJ	-do-	-do- (Bahawalpur Division)	Current:	1213.20
			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	301.0	281.5	300-320	Low
	Kalabagh	296.7	289.2	300-340	-do-
	Chashma	346.3	342.6	330-350	-do-
	Taunsa	221.8	203.8	240-R-300	-do-
	Guddu	185.2	152.0	No significant change	Below Low
	Sukkur	144.6	91.4	-do-	-do-
	Kotri	65.5	36.2	-do-	-do-
KABUL	Nowshera	67.4	67.4	60-70	Low
JHELUM	Mangla	58.0	10.0	60-90	Low (sharp peak up to medium flood level)
	Rasul	7.5	5.3	No significant change	Below Low
CHENAB	Marala	119.6	111.0	140-170	Low to Medium
	Khanke	98.7	91.5	140-170	-do-
	Qadirabad	83.7	73.7	140-170	-do-
	Trimmu	97.5	87.0	100-130	Below Low
	Punjad	29.6	19.0	No significant change	-do-
RAVI	Jassar	40.4	40.4	40-60	Low
	Shahdara	26.7	26.7	25-35	Below Low
	Baloki	59.7	32.4	60-70	Low to Medium
	Sohnal	28.0	15.9	No significant change	Below Low
SUTLEJ	G.S.Wala	37.6	37.6	35-45	-do-
	Sulemanki	46.7	35.6	No significant change	-do-
	Islam	28.0	27.4	25-35	-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-038/23

Dated: - 22nd 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:**

Rivers Indus at Tarbela, Kalabagh & Chashma, River Kabul at Nowshera and River Chenab at Marala are in low flood level. Medium to High level flood is expected in Rivers Chenab & Jhelum (upstream Mangla) along with associated Nullahs of Rivers Ravi & Chenab during next 48-hours.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave over Northern parts of Afghanistan today lies over Northern parts of the country.
- b. Yesterday's monsoon low over Northwest Bay of Bengal moved westwards and today lies over Southwest Chattisgarh.
- c. Strong moist currents from Bay of Bengal and mild moist current from Arabian sea are penetrating to upper parts of the country up to 7000. This condition is likely to continue.
- d. Weak Seasonal low lies over 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 the upper catchments of Rivers Sutlej, Ravi & Chenab along with Lahore, Gujranwala and Southern parts of Kalat Division. Scattered to widespread wind thunderstorm/rain of moderate intensity with isolated heavy falls is expected over the upper catchments of Rivers Indus, Jhelum, Khyber Pakhtunkhwa, rest of Punjab, Sindh along with Zhob, Loralai, Sibbi and Nasirabad Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Current wet spell is likely to continue. Heavy to Very Heavy rain fall is expected over south and Southeast Sindh.

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

Indus:	Chitral (Chowni Bridge =28 & Airport=13), Islamabad (Golra=27, Zeropoint=19), Shinkari=22, Murree=20, Bannu=19, Cherat=18, Phulra=15 Layyah=14, Darashoot=13, Buner=09, Pashat-Bajaur=08, Chhor=07, Barkhan=06, Daggar, Kurrum Garhi & Skardu=05(each), Gilgit, Bhakkar, Mitthi & Kalam=04(each), Saidu Sharif=03,
Jhelum:	Chattar Kallas=55, Haraman=48, Balakot=30, Muzaffarabad (City=22, Airport=14), Garhi Dopatta=21, Sargodha (City)=18, Jhelum=13, Mangla=09, Palandri=06,
Chenab:	Hafizabad=23, Chunian=18, Gujrat=14, Daulatnagar=11, Gujranwala=08,
Ravi:	Sahiwal=49, Lahore [Gulshan e Ravi=42, Luckshami=33, Shahi Qilla=31, Township=19, Johar Town=15, Iqbal Town=14, Samanabad & Taj Pura=12(each), Misri Shah, Qurba chowk & Shahdara=10(each), Jail Road & Mughal Pura=07(each), Gulburg=06, Upper Mall=05, Airport=03] Narowal=41, Ravi Syphon=38,
Sutlej:	Bahawalnagar=09,
Others:	Karachi [North Karachi=42, Surjani Town=31, Gulshan e Maymar=17, Gulshan e Hadeed=03], Kalat=30, Ziarat=14,

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

Level in Feet & Discharge in Cusecs

Date	Bhakra Dam (F.R.L.)	Level	Inflow	Outflow	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.hbmb.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, 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 (II&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 Saturday 22-07-2023 at 0800 PST				
Station		Rainfall (mm)		
Kashmir				
Chatar Kalan		38		
Harman		48		
Muzaffarabad		(City 22, AP 14)		
Gufi Dargah		21		
Ramala		03		
Bandi Abbaqar, Dabli		01		
Punjab				
Sahiwal		48		
Lahore		(Gulshan-e-Kasbi 42, Lakhmi Chowk 33, Shahi Qila 31, Nishtar Town 19, Johar Town 15, Iqbal Town 14, Taj Park, Samanabad 12, Qasba Chowk, Farakhabad 10, Minghal Park, City 07, Galberg 06, Upper Mall, Chowk Nakhuda 05, AP 03)		
Rawalpindi		40		
Islamabad		residential 27, AP 19, Sandpota 02		
Hafizabad		23		
Faisalabad		(Gulistan colony 20, Madina Town water works 13, Dergah Hoshi 11, Allama Iqbal colony 04, GMA water works 03)		
Multan		20		
Sargodha		18		
Gujranwala		14		
Jhelum		13		
Muzila		09		
Bahawalpur		(City 09, AP 01)		
Bahawalpur		07		
Gujranwala		05		
Huddar		04		
Sialkot		(AP 02, City Trace)		
Okara		01		
Amroli, Rawalpindi, Kasur, Multan		Trace		
Sindh				
Karachi		(North Karachi 42, Saddiqueji 11, Gulshan-e-Miramar 17, Gulshan-e-Hafid 05, Orangi Town, Sandi Town 02, University Road 01, Old area AP, Jinnah Terminal, Faisal Road, Marine Road, Nazimabad, Quaidabad, Kamari, Korangi, DHA Trace)		
Nagarkot		17		
Chachro		16		
Dabki		05		
Mithi		04		
Kati		02		
Hydrabad, Mirpur Khas		01		
Mohenjodaro, Nawabshah, Padinan, Sakrand		Trace		
Khyber Pakhtunkhwa				
Babal Kot		30		
Hanna		19		
Cherat		18		
Cherat		13		
Facheer		(Range 01)		
Kalam		04		
Saidu Sharif		03		
Parson, Malak, Dikka		02		
Kakul		01		
Khyber		(Tribal 01)		
D.I. Khan		(AP 01, City Trace)		
Balochistan				
Khar		39		
Rat Khan		06		
Larbela		01		
Islamabad Capital Territory				
Sharda		05		
Ghazi		04		
Baniro, Bani		02		
Chillian, Anson		01		
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
NIL				
Maximum Water Level at Sullah Lal (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				