



No. PDMA(S)/7(45)/2019/

GOVERNMENT OF SINDH

REHABILITATION DEPARTMENT

PROVINCIAL DISASTER MANAGEMENT AUTHORITY (SINDH)

PLOT NO. 26-C, MAIN KHAYABAN-E-JAMI,

DHA PHASE-VII, KARACHI.

Phone: 021-99332003-5, Fax: 021-99332007

Karachi, dated: 22nd August, 2019

12: 00 PST

- The Commissioner(s) _____ (All)
- The Deputy Commissioner(s) / Chairman(s)
District Disaster Management Authority (ies),
District _____ (All)

Subject: **QUALITATIVE WEATHER/ FLOOD FORECAST ADVISORY - II**

I am directed to enclose herewith a copy of Flood forecast and to state that Pakistan Metrological Department has issued the Bulletin No A-B – 069/19, dated 22nd August, 2019 (11.00 pst) which is as under:

HYDROLOGICAL SITUATION:

River Indus at Guddu is in Medium Flood Level & falling, River Indus at Sukkur and River Sutlej at Ganda Singh Wala are in Low Flood Level. River Sutlej at G.S. Wala is likely to continue, while at Suleman Ki it is likely to attain Low Flood Level.

WEATHER FORECAST FOR NEXT 24 – HRS: (Extracts pertaining to Province of Sindh)

Mainly hot and dry weather is likely to prevail over most parts of the province. However partly cloudy/cloudy conditions with chances of drizzle/light rain along the coas

WEATHER OUTLOOK FOR NEXT 48 – HRS: (Extracts pertaining to Province of Sindh)

Mainly hot and dry weather is likely to prevail over most parts of the province. However partly cloudy/cloudy conditions with chances of drizzle/light rain along the coast

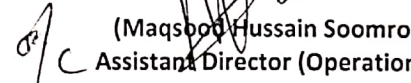
DAM POSITION (0600 PST) (feet)

- ✓ TARBELA Level: 1550.00 Max. Conservation level: 1550.00
- ✓ MANGLA Level: 1215.85 Max. Conservation level: 1242.00

• **FLOOD FORECAST OF GAUGING STATIONS (IN THOUSANDS OF CUSECS) OF RIVER INDUS**

Stations	Design Capacity	Inflow	Outflow	Quantitative Forecast for next 24-hrs (Inflow)	Qualitative Forecasted Flood Level (Inflow)	Danger Level
Gaddu	1200	422.7	386.0	400 f 350	Medium	700
Sukkur	900	363.9	303.6	350 – 365	Medium	700
Kotri	875	182.6	146.5	No Significant change	Below low	650

2. This is for information & necessary action, please.


(Maqsood Hussain Soomro)
Assistant Director (Operations)

A Copy for information/necessary action to:

1. The Secretary, Irrigation Department, Government of Sindh, Karachi
2. The Secretary, Agriculture Department, Government of Sindh, Karachi
3. The Secretary, Livestock Department, Government of Sindh, Karachi.
4. The Secretary, Local Government, Government of Sindh, Karachi.
5. The Secretary, Health Department, Government of Sindh, Karachi.
6. The Director (Response), National Disaster Management Authority, Islamabad
7. The Head Com Coast, Karachi.
8. The Head Quarters Engineers, 5 Corps, Karachi
9. The Deputy Secretary (Staff) to Chief Minister Sindh, Karachi.
10. The Deputy Secretary (Staff) to Chief Secretary Sindh, Karachi.
11. The Staff Officer to Chairman, National Disaster Management Authority, Islamabad
12. The PS to Minister, Rehabilitation Department Government of Sindh, Karachi.
13. The PS to Secretary Rehabilitation Department, Government of Sindh, Karachi.
14. The PS to Director General, PDMA Sindh, Karachi.

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

BULLETIN No. A-069/19

Dated: - 22nd Aug, 2019
Time: - 10:35 hours (PST)

1. PM House, Islamabad.
2. Federal Minister for Water Resources, Islamabad.
3. Governor (All Provinces).
4. Chairman NDMA, Islamabad.
5. Chief Minister (All Provinces).
6. PM Secretariat, Islamabad.
7. Secretary, Aviation Division, Islamabad.
8. Secretary, Ministry for Water Resources, Islamabad.
9. Secretary, Ministry of Information, Islamabad.
10. Chairman NHA, Islamabad.
11. Chief Secretary (All Provinces & AJK).
12. PDMA'S (D.G'S, All Provinces & AJK).
13. Administrator & Chief Secretary, Gilgit-Baltistan.
14. Chairman, Federal Flood Commission, Islamabad.
15. Chairman, Indus River System Authority, Islamabad.
16. Relief Commissioner, (All Provinces & A.J.K).
17. The Secretary General, Red Crescent, Islamabad.
18. Secretary, Irrigation Department, (All Provinces).
19. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi
20. D.G. Relief, (All Provinces).
21. D.G. Emergency Relief Cell, Cabinet Division, Islamabad.
22. Chief Engineer, Mangla/Tarbela/Chashma.
23. Chief Engineer, Irrigation (All Provinces).
24. Chief Engineer, (All Barrages).
25. Chief Engineer, C.D.O. (Muzaffarabad).
26. Commissioner for Indus Lahore.
27. All other concerned.

SUBJECT: - RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:

I: HYDROLOGICAL SITUATION:

River Indus at Guddu is in Medium Flood Level & falling, River Indus at Sukkur and River Sutlej at Ganda Singh Wala are in Low Flood Level. River Sutlej at G.S. Wala is likely to continue, while at Sumelmanki it is likely to attain Low Flood Level.

II: METEOROLOGICAL FEATURES:

- A shallow trough of Westerly wave lies over Northwestern parts of Afghanistan
- Seasonal low lies over North Balochistan.
- Weak moist currents from Arabian Sea are penetrating upper parts of the country upto 3000 Feet.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Mainly dry weather is expected over most parts of the country. However isolated rain is expected over Upper catchments of Rivers Jhelum & Chenab along with Gujranwala & DG Khan Divisions.

IV: MAJOR RIVERS CATCHMENTS' RAINFALL RECORDED (MM) LAST 24 HRS (UPTO 0800 PST):

Indus: Dir=01, Kalam, Buner & Karachi (Airport) =Trace (each).

Jhelum : Mandi Bahauddin= 10.

Chenab: Gujrat= 07, Sialkot (Airport)=Trace.

V: WEATHER/FLOOD OUTLOOK FOR NEXT 48-HRS:

No significant rainfall is expected.



(DR. AZMAT HAYAT KHAN)
Chief Meteorologist
Flood Forecasting Division
Lahore

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

BULLETIN No. B-069/19

I: WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS:

Dated: - **22nd Aug, 2019**
 Time: - 10:35 hours (PST)

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)
INDUS	Mainly dry weather	Mainly dry weather (Rawalpindi Division)
JHELUM	Isolated Thunderstorm/rain	-do- (Sargodha Division)
CHENAB	-do-	Isolated Thunderstorm/rain (Gujranwala Division)
RAVI	Mainly dry weather	Mainly dry weather (Lahore Division)
SUTLEJ	-do-	-do- (Bahawalpur Division)

DAMS LEVEL (FEET) at (0600 PST)

TARBELA

Current:  **1550.00**
 Max. Conservation:  **1550.00**

MANGLA

Current: **1215.85**
 Max Conservation: **1242.00**

II: QUANTITATIVE FLOOD FORECAST OF GAUGING STATIONS (IN THOUSANDS OF CUSECS)

RIVERS	Stations	Design Capacity	Actual Observations at 0600 PST		Quantitative Forecast for Next 24- hrs. (Inflow)	Qualitative Forecasted Flood Level (Inflow)	Danger Limit
			Inflow	Outflow			
INDUS	Tarbela	1500	161.0	210.9	155-165	Below Low	650
	Kalabagh	950	202.8	194.8	190-220	-do-	650
	Chashma	950	193.8	172.8	190-220	-do-	650
	Taunsa	1100	197.3	185.1	190 F 140	-do-	650
	Guddu	1200	406.5	370.0	400 F 350	Medium	700
	Sukkur	900	364.6	303.6	350-365	-do-	700
	Kotri	875	181.4	144.6	No significant change	Below Low	650
KABUL	Nowshera	-	32.0	32.0	-do-	-do-	200
JHELUM	Mangla	1060	33.0	8.0	30-40	-do-	225
	Rasul	850	2.7	0.0	No significant change	-do-	225
CHENAB	Marala	1100	52.2	27.2	45-55	-do-	400
	Khanki	800	41.1	33.5	No significant change	-do-	400
	Qadirabad	900	45.2	37.2	-do-	-do-	400
	Trimmu	645	104.0	91.2	90-100	-do-	450
	Punjnad	700	70.6	54.7	70-80	-do-	450
RAVI	Jassar	275	9.6	9.6	No significant change	-do-	150
	Shahdara	250	16.6	16.6	-do-	-do-	135
	Balloki	225	37.5	19.5	-do-	-do-	135
	Sidhnai	150	26.4	11.6	-do-	-do-	90
SUTLEJ	G.S.Wala	--	55.90	55.90	50-60	Low	50
	Sulemanki	325	40.9	29.3	40-50	-do-	175
	Islam	300	9.4	7.9	No significant change	Below Low	175

One or two places < 10% of Area, Isolated= 10 to 30% of Area Scattered= 30 to 50% of Area
 Widespread= 50 to 75% of Area, Fairly Widespread > 75% of Area R= Rising & F= Falling
 * *=indicate data not received

(DR. AZMAT HAYAT KHAN)
 Chief Meteorologist
 Flood Forecasting Division
 Lahore

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