



**BY FAX**

Karachi, dated: 03<sup>rd</sup> September, 2020

To,

**The Deputy Commissioner (S) / Chairman DDMA**  
All in Sindh

Subject: **RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:**

I am directed to refer to Pakistan Meteorological Department Flood Forecasting Division Bulletin No. A-81/20 & B-81/20 dated 03<sup>rd</sup> September, 2020, under which flowing has been forecasted:

**HYDROLOGICAL SITUATION:**

River Indus at Kalabagh & Chashma and River Kabul at Nowshera are in Medium Flood Level, River Indus at Tarbela, Taunsa, **Guddu & Sukkur** is in Low Flood level.

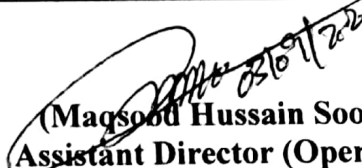
**METEOROLOGICAL FEATURES:**

Seasonal Low lies over Northeast Balochistan.

**QUANTITATIVE FLOOD FORECAST OF GAUGING STATIONS**  
**(IN THOUSANDS OF CUSECS)**

Stations	Design Capacity	Actual observation at 0600 PST		Quantitative Forecast for Next 24-hrs. (Inflow)	Qualitative Forecasted Flood Level (Inflow)	Danger Limit
		Inflow	Outflow			
<b>Guddu</b>	1200	346.4	338.7	350-400	Medium	700
<b>Sukkur</b>	1500	284.8	273.1	285-315	Low	700
<b>Kotri</b>	875	168.7	168.3	165-180	Below Low	650

2. This is for information and necessary action.

  
(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 Live Stock Department Government of Sindh, Karachi.
4. The Secretary, Health Department, Government of Sindh, Karachi.
5. The Secretary Local Government Department Government of Sindh, Karachi.
6. The Commissioner (S) Karachi, Hyderabad, Mirpurkhas, Shaheed Benazir, Sukkur & Larkana.
7. The Deputy Secretary (Staff) to Chief Minister Sindh, Karachi.
8. The Deputy Secretary (Staff) to Chief Secretary Sindh, Karachi.
9. The Director (Response), National Disaster Management Authority, Islamabad.
10. The Head Quarter ComCoast, Karachi.
11. The Head Quarters Engineers, 5 Corps, Karachi.
12. The Staff Officer to Chairman, National Disaster Management Authority, Islamabad.
13. The PS to Minister, Rehabilitation Department Government of Sindh, Karachi.
14. The PS to Secretary Rehabilitation Department, Government of Sindh, Karachi.
15. The PS to Director General, PDMA Sindh, Karachi.

**GOVERNMENT OF PAKISTAN  
AVIATION DIVISION (CABINET SECRETARIAT)  
PAKISTAN METEOROLOGICAL DEPARTMENT  
FLOOD FORECASTING DIVISION  
46-JAIL ROAD LAHORE-54000**

BULLETIN No. A-81/20

Dated: - 03<sup>rd</sup> September, 2020  
Time: - 10:50 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).
12. PDMA'S (D. G'S, All Provinces & AJK).
13. Chairman, Federal Flood Commission, Islamabad.
14. Chairman, Indus River System Authority, Islamabad.
15. Relief Commissioner, (All Provinces & A.J.K).
16. The Secretary General, Red Crescent, Islamabad.
17. Secretary, Irrigation Department, (All Provinces).
18. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi
19. D.G. Emergency Relief Cell, Cabinet Division, Islamabad.
20. Chief Engineer, Mangla/Tarbela/Chashma.
21. Chief Engineer, Irrigation (All Provinces).
22. Chief Engineer, (All Barrages).
23. Chief Engineer, C.D.O. (Muzaffarabad).
24. Commissioner for Indus Waters, Lahore.
25. All other concerned.

**SUBJECT: - RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:**

**I: HYDROLOGICAL SITUATION:**

River Indus at Kalabagh & Chashma and River Kabul at Nowshera are in Medium Flood Level, River Indus at Tarbela, Taunsa, Guddu & Sukkur is in Low Flood level.

**II: METEOROLOGICAL FEATURES:**

- a) Yesterday's Monsoon low over Bahawalpur Division has become insignificant.
- b) Yesterday's trough of westerly wave over Kashmir & adjoining area persists.
- c) Seasonal Low lies over Northeast Balochistan.
- d) Moderate moist currents from Arabian Sea & Bay of Bengal are penetrating upper parts of the country up to 5000 feet.

**III: WEATHER FORECAST FOR NEXT 24-HOURS:**

Scattered wind-thunderstorm/rain with one or two heavy falls is expected over the upper catchments of all the Major Rivers along with Rawalpindi, Gujranwala, Sargodha, Lahore, Faisalabad, Sahiwal & Bahawalpur Divisions. Isolated wind-thunderstorm/rain is expected over Peshawar, Kohat & DI Khan Divisions.

**IV: WEATHER OUTLOOK 48-Hours:**

No Significant change.

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

- Indus:** Kalam=39, Malam Jabba & Daggar=26(each), Pattan=21, Besham & Saidu Sharif=19(each), Chitral=16, Risalpur=15, Buner=12, Kamra =11, Attock=08, Gupis=07, Chakdara=06, Tarbela=05, Phulra, Kakul, Bagrote & Hunza=04(each), Shinkiari=03, Lower Dir=02, Oghi, Dir, Murree & Gilgit=01(each), Islamabad [Golra & New Airport=01(each), Zero Point & Chaklala (Airbase)=Trace(each)], Rashid Abad (Kalpani), Takhtbai, Mianwali (Airbase), Nowshera, Dhok Pathan, DG Khan (Fort Munro) & Astore=Trace(each).
- Jhelum:** Joharabad=15, Sargodha (Airbase)=07, Muzaffarabad(Airport)=05, Balakot=03, Bhoun, Chakwal, Panjera, Kotli & Palote=01(each), Garhi Dopatta & Mandi Bahauddin=Trace(each).
- Chenab:** Jhang=32, Shorkot (Airbase)=22, Hafizabad=12, Noorpur Thal=05, Shadiwal=02.
- Ravi:** TT Singh=10, Faisalabad=06, Khanewal=02, Sahiwal=01, Okara=Trace.
- Sutlej:** Bahawalnagar=09, Bahawalpur (City) & Kasur=Trace(each).
- Others:** -Nill-

(SAHIBZAD KHAN)  
Chief Meteorologist  
Flood Forecasting Division  
Lahore

**GOVERNMENT OF PAKISTAN**  
**AVIATION DIVISION (CABINET SECRETARIAT)**  
**PAKISTAN METEOROLOGICAL DEPARTMENT**  
**FLOOD FORECASTING DIVISION**  
 46-JAIL ROAD LAHORE-54000

**BULLETIN No. B-81/20**

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

**Dated: - 03<sup>rd</sup> September, 2020**

**Time: - 10:50 hours (PST)**

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	<u>DAMS LEVEL (FEET) at (0600 PST)</u>
INDUS	Scattered thunderstorm/rain	Scattered thunderstorm/rain (Rawalpindi Division)	<b>TARBELA</b> Current:  1550.00 Max. Conservation:  1550.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	<b>MANGLA</b> Current:  1242.00 Max Conservation:  1242.00
RAVI	-do-	-do- (Lahore Division)	
SUTLEJ	-do-	-do- (Bahawalpur Division)	

**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	241.0	252.5	230-260	Low	650
	Kalabagh	950	456.2	453.2	450 F 375	Medium	650
	Chashma	950	435.1	432.6	400-450	-do-	650
	Taunsa	1100	342.0	342.0	340-380	Low to Medium	650
	Guddu	1200	346.4	338.7	350-400	Medium	700
	Sukkur	1500	284.8	273.1	285-315	Low	700
	Kotri	875	168.7	168.3	165-180	Below Low	650
KABUL	Nowshera	-	118.8	118.8	110 F 80	Medium to Low	200
JHELUM	Mangla	1060	70.0	72.0	70-100	Low	225
	Rasul	850	68.0	68.0	60-70	Below Low	225
CHENAB	Marala	1100	71.8	58.5	50-70	-do-	400
	Khanki	1100	57.4	51.5	No significant change	-do-	400
	Qadirabad	807	60.2	38.2	-do-	-do-	400
	Trimmu	645	151.9	143.9	120-150	-do-	450
	Punjnad	700	116.2	102.7	120-140	Below Low	450
RAVI	Jassar	275	11.5	11.5	No significant change	-do-	150
	Shahdara	250	14.5	14.5	-do-	-do-	135
	Balloki	225	40.2	15.2	35-40	Low	135
	Sidhnai	150	30.3	25.2	25-30	-do-	90
SUTLEJ	G.S.Wala	--	0.0	0.0	No significant change	Below Low	50
	Sulemanki	325	18.1	5.4	-do-	-do-	175
	Islam	300	5.5	4.5	-do-	-do-	175

Isolated= 20 to 30% of area Scattered= 30 to 50% of area

Widespread= 90 to 100% of area

R= Rising & F= Falling

\* - indicate data not received

(SAHIBZAD KHAN)  
 Chief Meteorologist  
 Flood Forecasting Division  
 Lahore

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