



**Government of Pakistan**  
**Ministry of Water Resources**  
**Office of Chief Engineering Advisor/  
Chairman, Federal Flood Commission**

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**DAILY WEATHER & FLOOD SITUATION REPORT**  
**WEDNESDAY AUGUST 12, 2020**

At present, there is no riverine flood situation in the country as all the main rivers are flowing normal. Complete picture of river inflows and out flows at important control points including reservoirs levels and storage positions as of 0600 hours today may be seen as depicted in **Annexure-I**.

2. **Tarbela Reservoir** is at an elevation of **1510.20 feet (39.80 feet)** below its Maximum Conservation Level of **1550.00 feet** ). Its present storage is **3.841 MAF (64.23%** of total storage of **5.980 MAF**). IRSA is ensuring judicious releases to gain maximum storage. Storage space of just **7.75 feet** is left in **Mangla reservoir** (water level is **1234.25 feet** against its Maximum Conservation Level of **1242.00 feet**). Round-the-Clock monitoring of dam safety, inflows/outflows is being exercised by the Mangla Dam Management, Flood Mitigation Committee (FMC), IRSA and FFD, Lahore.

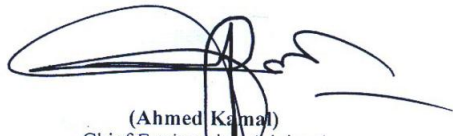
3. Torrential rains of 6<sup>th</sup> - 8<sup>th</sup> August 2020 in Khirther Hills Range generated flash flooding in Gaj Nai breaching **Gaj Diversion Bund** in reach **RD 11+000 to RD 15+000** besides breaching F.P. Bund at five locations. Work on plugging the F.P. Bund breach at **RD 52+000** is underway. Four (04) breaches already stand plugged. Relief activities are continuing with the help of Pak Army.

4. As per PDMA Balochistan, Gwadar to Karachi Coastal Highway near Pasni (Gwadar) and Quetta to Jacobabad Highway damaged severely due to heavy rains in Balochistan have since been restored for traffic. Relief activities are also in progress in Balochistan.

5. As per FFD, Lahore, **weak moist currents from Arabian Sea** are penetrating into upper parts of Pakistan upto 3000 feet with **Seasonal Low** presently prevailing over North-eastern Balochistan. **Trough of Westerly Wave** earlier over Kashmir and adjoining areas of Pakistan has moved away Eastwards (away from Pakistan).

6. As predicted by FFD, Lahore, the current weather system may result into isolated thunderstorm/rain over Punjab (**Rawalpindi, Gujranwala, Lahore, Sargodha & Bahawalpur Divisions**), Khyber Pakhtunkhwa, Eastern Balochistan including the upper catchments of all main rivers during the next 24 hours. Last 24 hours significant rainfall events reported by FFD, Lahore, include: Khuzdar = 27 mm, Islamabad (Saidpur = 24 mm & Zeropoint = 11 mm) and Lasbela = 19 mm.

7. The present meteorological conditions are being closely watched by the Pakistan Meteorological Department (PMD) through its Flood Forecasting Division in Lahore and is keeping all concerned fully informed.

  
(Ahmed Kamal)  
Chief Engineering Advisor/  
Chairman, Federal Flood Commission

**Distribution:**

1. Minister for Water Resources, Islamabad.
2. Minister for Planning, Development & Special Initiatives, Islamabad.
3. Secretary to the Prime Minister, Prime Minister's Office, Islamabad.

4. Secretary, Ministry of Water Resources, Islamabad.
5. Secretary, Ministry of Climate Change, Islamabad.
6. Director General (Coordination-III), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
7. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad.
8. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.
9. Chief Executive Officer, Pakistan Railways, Lahore.
10. Member (Infrastructure), Planning Commission, Islamabad.
11. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
12. Chairman, WAPDA, WAPDA House, Lahore.
13. Chairman, National Highway Authority, Islamabad.
14. Chairman, Indus River System Authority, Islamabad.
15. Member (Water), WAPDA, WAPDA House, Lahore.
16. Director General, Pakistan Meteorological Department, Islamabad.
17. Chief Secretary, Government of the Punjab, Lahore.
18. Chief Secretary, Government of Sindh, Karachi.
19. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
20. Chief Secretary, Government of Balochistan, Quetta.
21. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
22. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
23. Chief Commissioner, Islamabad.
24. Secretary, Irrigation Department, Government of the Punjab, Lahore.
25. Secretary, Irrigation Department, Government of Sindh, Karachi.
26. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
27. Secretary, Irrigation Department, Government of Balochistan, Quetta.
28. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
29. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
30. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
31. Project Director/Chief Engineer, Mangla Dam Organization (MDO), WAPDA, Mangla.
32. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
33. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
34. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
35. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
36. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
37. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
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39. Principal Information Officer, Press Information Department, Islamabad.
40. Director (News), Associated Press of Pakistan, Islamabad.
41. Director (News), Pakistan Television, Islamabad.
42. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi.

U.O. No.FC-I (31)/2020, dated 12-08-2020

**Discharges at Important River Sites  
August 12, 2020 at 0600 Hours**

(Figures in Cusecs)

Structures	Designed Capacity	Actual Flow		Comparative Danger (VHF) Classification	Actual Flood
		In Flow	Out Flow		
<b>River Indus</b>					
▪ Tarbela Reservoir	1,500,000	252,000	108,000	650,000	Normal
▪ Kalabagh	950,000	204,000	196,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	177,000	170,000	650,000	Normal
▪ Taunsa <sup>^</sup>	1,000,000	172,000	146,000	650,000	Normal
▪ Guddu	1,200,000	145,000	115,000	700,000	Normal
▪ Sukkur <sup>^^</sup>	900,000	125,000	80,000	700,000	Normal
▪ Kotri	875,000	45,000	15,000	650,000	Normal
<b>River Kabul</b>					
▪ Warsak	540,000		34,000	200,000	Normal
▪ Nowshera			51,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>					
▪ Chakdara Bridge			10,000	150,000	Normal
▪ Munda Head Works <sup>^^^</sup>	150,000		9,000	150,000	Normal
▪ Charsadda Road Bridge			8,000	100,000	Normal
<b>River Jhelum</b>					
▪ Mangla Reservoir	1,060,000	25,000	13,000	225,000	Normal
▪ Rasul	850,000	3,000	NIL	225,000	Normal
<b>River Chenab</b>					
▪ Marala	1,100,000	77,000	46,000	400,000	Normal
▪ Khanki	1,100,000	40,000	32,000	400,000	Normal
▪ Qadirabad	900,000	39,000	22,000	400,000	Normal
▪ Trimmu	645,000	14,000	NIL	450,000	Normal
▪ Panjnad	700,000	15,000	NIL	450,000	Normal
<b>River Ravi</b>					
▪ Jassar	275,000		16,000	150,000	Normal
▪ Shahdara	250,000		25,000	135,000	Normal
▪ Balloki	225,000	44,000	13,000	135,000	Normal
▪ Sidhnai	150,000	18,000	3,000	90,000	Normal
<b>River Sutlej</b>					
▪ Suleimanki	325,000	15,000	1,000	175,000	Normal
▪ Islam	300,000	1,000	NIL	175,000	Normal

**Live Storage (MAF) <sup>+</sup>**

Reservoir Elevation ( in Feet Above Mean Sea Level )			2020	2019	2018	Maximum	Today	Last Year
<b>Tarbela:</b>	Maximum Conservation Level:	1550.00	1510.20	1546.43	1535.23	5.980	3.841	5.845
	Minimum Operating Level:	1392.00						
<b>Chashma:</b>	Maximum Conservation Level:	649.00	640.50	641.50	641.00	0.278	0.032	0.049
	Minimum Operating Level:	637.00						
<b>Mangla:</b>	Maximum Conservation Level:	1242.00	1234.25	1205.50	1161.75	<u>7.356</u>	<u>6.747</u>	<u>4.689</u>
	Minimum Operating Level:	1050.00						
<b>Total Live Storage</b>						<b>13.614</b>	<b>10.620</b>	<b>10.583</b>

Skardu Temperature	Today 2020	Last year 2019
<b>Maximum</b>	31.2 °C	23.4 °C
<b>Minimum</b>	17.3 °C	16.4 °C

NOTES: "Mild" Categories

- Low Flood: River flowing within deep (winter) channel(s) but about to spill threatening only river islands/belas  
 Medium Flood: River partly inundating river islands/belas  
 High Flood: River almost fully submerging islands/belas and flowing upto high banks/bunds but without encroachment on the freeboard

"Danger" Categories

- Very High Flood (VHF): River flowing between high banks/bunds with encroachment on the freeboard  
 Exceptionally High Flood (EHF): Imminent danger of overtopping/breaching, or the high bank areas have become inundated

\* **Flood Classification:** (applied on downstream discharge/Outflow)

\*\* (R) Signifies "Rising" Flood, (F) Signifies "Falling" Flood, (S) Signifies "Stable" Flow Condition &amp; NR stands for "Not Received"

+ Based on IRSA's Daily Hydrological Data

<sup>^^</sup> PID, Sindh vide letter No. DR/4-17/2015/839 dated 22-04-2015 informed that design discharge capacity of Sukkur Barrage has decreased from 1,500,000 cusecs to 900,000 cusecs due to closing of its ten (10) gates as a result of model study carried out in Poona during 1941-42 to control silting problem in right bank canals.<sup>^</sup> As per PID, Punjab's letter No. IWT&R/14/1108/04/97 dated 17-09-2014<sup>^^^</sup> As per PID, KP's letter No. 1271GSG-II/ dated 11-06-2018