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**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**  
**TUESDAY JULY 28, 2020**

There is no riverine flood situation in the country. **Annexure -I** depicts the river flows alongwith storage position of major reservoirs (Tarbela, Chashma & Mangla).

2. Present storage of **Tarbela** reservoir is **1.633 MAF** which is **178.56 %** lesser than the last year's storage on the same date with **33,000 cusecs** water is discharging downstream Kotri. IRSA is ensuring judicious releases to attain as much storage in Tarbela as possible looking at appreciably low inflows.
3. Water level at **Mangla** reservoir is same as of yesterday's **i.e 1228.80 feet (13.20 feet below MCL of 1242.00 feet)**. Mangla Dam Management Authority is exercising utmost care and vigilance in reservoir operation in coordination with Flood Mitigation Committee (FMC) in line with approved SOPs and Dam Safety Guidelines.
4. As per FFD, Lahore, moist currents from Arabian Sea are penetrating into upper parts of Pakistan upto 5000 feet with Seasonal Low presently over Northern Balochistan. Yesterday's trough of Westerly Wave earlier over Northern parts of Afghanistan today lies over Northeastern Afghanistan.
5. Under the influence of prevailing Met conditions, for the next 24 hours, FFD's, Lahore, forecast predicts scattered thunderstorm/rain of **Moderate Intensity** with few **Heavy Falls** over Rawalpindi, Gujranwala, Sargodha, Lahore, Faisalabad & Sahiwal Divisions of Punjab, Malakand, Hazara & Peshawar Divisions of Khyber Pakhtunkhwa including upper catchments of all the major rivers of Indus River System. Further to above, isolated thunderstorm/rain is also expected during the same period over D.G. Khan Division (Punjab), Kohat, Bannu, D.I. Khan Divisions (KP), Southern Sindh and Northeastern Balochistan. Few rainfall events of last 24 hours reported by the FFD, Lahore, are depicted in **Annexure-II**.
6. During the **next 48 hours**, Monsoon activity is likely to strengthen over North & Northeastern Punjab, Khyber Pakhtunkhwa, Kashmir, besides, over upper catchments of all the major rivers of IRS. A fresh wet spell of **Moderate Intensity** with few **Heavy Falls** is likely to start from tomorrow.
7. Overall prevailing meteorological conditions are being closely watched and actively monitored on Round-the-Clock basis by PMD through its central Flood Forecasting Division in Lahore.

  
(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.25567890-, 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, Pakistan Railways, Lahore.
9. Member (Infrastructure), Planning Commission, Islamabad.
10. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
11. Chairman, WAPDA, WAPDA House, Lahore.
12. Chairman, National Highway Authority, Islamabad.
13. Chairman, Indus River System Authority, Islamabad.
14. Member (Water), WAPDA, WAPDA House, Lahore.
15. Director General, Pakistan Meteorological Department, Islamabad.
16. Chief Secretary, Government of the Punjab, Lahore.
17. Chief Secretary, Government of Sindh, Karachi.
18. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
19. Chief Secretary, Government of Balochistan, Quetta.
20. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
21. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
22. Chief Commissioner, Islamabad.
23. Secretary, Irrigation Department, Government of the Punjab, Lahore.
24. Secretary, Irrigation Department, Government of Sindh, Karachi.
25. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
26. Secretary, Irrigation Department, Government of Balochistan, Quetta.
27. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
28. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
29. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
30. Project Director/Chief Engineer, Mangla Dam Organization (MDO), WAPDA, Mangla.
31. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
32. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
33. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
34. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
35. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
36. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
37. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
38. Principal Information Officer, Press Information Department, Islamabad.
39. Director (News), Associated Press of Pakistan, Islamabad.
40. Director (News), Pakistan Television, Islamabad.
41. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi.  
U.O. No.FC-I (31)/2020, dated 28-07-2020

**Discharges at Important River Sites  
July 28, 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	172,000	134,000	650,000	Normal
▪ Kalabagh	950,000	203,000	195,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	194,000	187,000	650,000	Normal
▪ Taunsa <sup>^</sup>	1,000,000	197,000	174,000	650,000	Normal
▪ Guddu	1,200,000	159,000	121,000	700,000	Normal
▪ Sukkur <sup>^^</sup>	900,000	116,000	59,000	700,000	Normal
▪ Kotri	875,000	68,000	33,000	650,000	Normal
<b>River Kabul</b>					
▪ Warsak	540,000		32,000	200,000	Normal
▪ Nowshera			47,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>					
▪ Chakdara Bridge			14,000	150,000	Normal
▪ Munda Head Works <sup>^^^</sup>	150,000		10,000	150,000	Normal
▪ Charsadda Road Bridge			8,000	100,000	Normal
<b>River Jhelum</b>					
▪ Mangla Reservoir	1,060,000	28,000	21,000	225,000	Normal
▪ Rasul	850,000	24,000	16,000	225,000	Normal
<b>River Chenab</b>					
▪ Marala	1,100,000	61,000	30,000	400,000	Normal
▪ Khanki	1,100,000	27,000	19,000	400,000	Normal
▪ Qadirabad	900,000	33,000	11,000	400,000	Normal
▪ Trimmu	645,000	14,000	NIL	450,000	Normal
▪ Panjnad	700,000	32,000	17,000	450,000	Normal
<b>River Ravi</b>					
▪ Jassar	275,000		9,000	150,000	Normal
▪ Shahdara	250,000		25,000	135,000	Normal
▪ Balloki	225,000	42,000	12,000	135,000	Normal
▪ Sidhnai	150,000	19,000	7,000	90,000	Normal
<b>River Sutlej</b>					
▪ Suleimanki	325,000	16,000	3,000	175,000	Normal
▪ Islam	300,000	8,000	5,000	175,000	Normal

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

<u>Reservoir Elevation (in Feet Above Mean Sea Level)</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>Maximum</u>	<u>Today</u>	<u>Last Year</u>	
<b>Tarbela:</b> Maximum Conservation Level:	1550.00	1460.74	1522.75	1508.59	5.980	1.633	4.549
Minimum Operating Level:	1392.00						
<b>Chashma:</b> Maximum Conservation Level:	649.00	648.50	641.00	642.00	0.278	0.253	0.040
Minimum Operating Level:	637.00						
<b>Mangla:</b> Maximum Conservation Level:	1242.00	1228.90	1184.75	1145.90	<u>7.356</u>	<u>6.336</u>	<u>3.437</u>
Minimum Operating Level:	1050.00						
<b>Total Live Storage</b>				<b>13.614</b>	<b>8.222</b>	<b>8.026</b>	

<b>Skardu Temperature</b>	<b>Today 2020</b>	<b>Last year 2019</b>
<b>Maximum</b>	<b>28.8 °C</b>	<b>25.4 °C</b>
<b>Minimum</b>	<b>14.2 °C</b>	<b>19.0 °C</b>

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

^^ 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.

^ As per PID, Punjab's letter No. IWT&amp;R/14/1108/04/97 dated 17-09-2014

^^ As per PID, KP's letter No. 1271GSG-II/ dated 11-06-2018

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**Significant Rainfall Events during the Past 24 Hours**

<b>Sr. No.</b>	<b>City/Observatory</b>	<b>Rainfall (mm)</b>
<b>A Sindh</b>		
1.	Karachi	(Nazimabad=39, University Road=13, North Karachi=11 & Surjani Town=06)
<b>B Azad Jammu and Kashmir</b>		
1.	Kotli	30
<b>C Punjab</b>		
1.	Islamabad (Saidpur)	22
<b>D Khyber Pakhtunkhwa</b>		
1.	Lower Dir	07
2.	Kakul	06

Source: FFD, Lahore (Phone No. 042 99200139)