



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

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**DAILY FLOOD SITUATION REPORT  
THURSDAY JULY 12, 2018**

All main rivers i.e. Indus, Jhelum, Chenab, Ravi & Sutlej are flowing normal, except for River Kabul which continues to flow in Low Flood at Warsak. Today's actual river flows and reservoir elevations may be seen at **Annexure-I**, indicating that Tarbela & Mangla reservoirs are at elevations of 1392.20 feet (157.80 feet below MCL) and 1119.75 feet (122.25 feet below MCL) respectively. **It is expected that the rainfall spell predicted for the next 2-3 days will improve the reservoirs position.**

2. As per FFD, Lahore, yesterday's trough of Westerly Wave over Northeastern Afghanistan today lies over Northern parts of the country, besides, Seasonal Low over Northern Balochistan. Moderate intensity moist currents from Arabian Sea are penetrating into upper parts of the country upto 5000 feet.

3. Under the influence of aforementioned Meteorological conditions, scattered wind thunderstorm/ rain (with isolated heavy rains) is expected over the upper catchments of all major rivers, besides, Rawalpindi, Gujranwala & Lahore Divisions (Punjab) and Kashmir during the next 24 hours. Scattered wind thunderstorm/rain (with moderate to heavy falls at isolated places) may occur over the upper catchments of all major rivers, alongwith Rawalpindi, Gujranwala & Lahore Divisions including Kashmir from 13<sup>th</sup> July to 14<sup>th</sup> July 2018.

4. Significant rainfall events reported by FFD, Lahore during the past 24 hours may be seen at **Annexure-II**.

5. The prevailing meteorological system is being closely monitored by the PMD/ FFD, Lahore with specific reference to its impact on our reservoirs. All concerned are being informed by FFD, Lahore on Round-the-Clock basis.

  
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**Distribution:**

1. Minister for Water Resources, Islamabad.
2. Minister for Planning, Development & Reforms, Islamabad.
3. Secretary to the Prime Minister, Prime Minister's Office, Islamabad.
4. Secretary, Ministry of Water Resources, Islamabad
5. Director General (Co-ord-I), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
6. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad.

**DAILY FLOOD SITUATION REPORT**  
**THURSDAY JULY 12, 2018**

7. Chief Executive Officer, Pakistan Railways, Islamabad.
8. Member (Infrastructure), Planning Commission, Islamabad.
9. Pakistan Commissioner for Indus Waters (PCIW), Lahore.
10. Chairman, WAPDA, WAPDA House, Lahore.
11. Chairman, National Highway Authority, Islamabad.
12. Chairman, Indus River System Authority, Islamabad.
13. Member (Water), WAPDA, WAPDA House, Lahore.
14. Director General, Pakistan Meteorological Department, Islamabad.
15. Chief Secretary, Government of the Punjab, Lahore.
16. Chief Secretary, Government of Sindh, Karachi.
17. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
18. Chief Secretary, Government of Balochistan, Quetta.
19. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
20. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
21. Additional Chief Secretary (FATA), FATA Secretariat, Peshawar.
22. Secretary, Irrigation Department, Government of the Punjab, Lahore.
23. Secretary, Irrigation Department, Government of Sindh, Karachi.
24. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
25. Secretary, Irrigation Department, Government of Balochistan, Quetta.
26. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
27. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
28. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
29. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
30. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
31. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
32. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
33. Director General, FATA Disaster Management Authority, Peshawar.
34. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
35. Principal Information Officer, Press Information Department, Islamabad.
36. Director (News), APP, Islamabad.
37. Director (News), PTV, Islamabad.
38. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi.
39. Director, Irrigation & Hydel Power, FATA Secretariat, Warsak Road, Peshawar.

U.O. No. FC-I (31)/2018, dated 12-07-2018

**DAILY FLOOD SITUATION REPORT****Discharges at Important River Sites  
July 12, 2018 at 0600 Hours**

(Figures in Cusecs)

Structures	Designed Capacity	Actual Flow		Comparative Danger (VHF) Classification	Actual Flood Classification*
		In Flow	Out Flow		
<b>River Indus</b>					
▪ Tarbela Reservoir	1,500,000	180,000	99,000	650,000	Normal
▪ Kalabagh	950,000	195,000	190,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	222,000	216,000	650,000	Normal
▪ Taunsa <sup>^</sup>	1,000,000	179,000	165,000	650,000	Normal
▪ Guddu	1,200,000	145,000	106,000	700,000	Normal
▪ Sukkur <sup>^^</sup>	900,000	91,000	41,000	700,000	Normal
▪ Kotri	875,000	32,000	NIL	650,000	Normal
<b>River Kabul</b>					
▪ Warsak	540,000		31,000	200,000	Low Flood (S)**
▪ Nowshera			41,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>					
▪ Chakdara Bridge			19,000	150,000	Normal
▪ Munda Head Works			9,000	150,000	Normal
▪ Charsadda Road Bridge			7,000	100,000	Normal
<b>River Jhelum</b>					
▪ Mangla Reservoir	1,060,000	47,000	45,000	225,000	Normal
▪ Rasul	850,000	41,000	20,000	225,000	Normal
<b>River Chenab</b>					
▪ Marala	1,100,000	69,000	36,000	400,000	Normal
▪ Khanki	1,100,000	41,000	33,000	400,000	Normal
▪ Qadirabad	900,000	52,000	30,000	400,000	Normal
▪ Trimmu	645,000	17,000	3,000	450,000	Normal
▪ Panjnad	700,000	14,000	NIL	450,000	Normal
<b>River Ravi</b>					
▪ Jassar	275,000		1,000	150,000	
▪ Shahdara	250,000		19,000	135,000	Normal
▪ Balloki	225,000	35,000	6,000	135,000	Normal
▪ Sidhnai	150,000	16,000	1,000	90,000	Normal
<b>River Sutlej</b>					
▪ Suleimanki	325,000	13,000	2,000	175,000	Normal
▪ Islam	300,000	2,000	NIL	175,000	Normal

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

Reservoir Elevation (Feet Above Mean Sea Level)		2018	2017	2016	Maximum	Today	Last Year
Tarbela (Maximum Conservation Level)	1550.00)	1392.20	1485.64	1511.00	6.047	0.064	2.891
(Dead Level)	1386.00)						
Chashma (Maximum Conservation Level)	649.00)	638.15	644.10	642.00	0.278	0.000	0.105
(Dead Level)	638.15)						
Mangla (Maximum Conservation Level)	1242.00)	1119.75	1209.70	1220.85	<u>7.358</u>	<u>0.779</u>	<u>5.014</u>
(Dead Level)	1050.00)						
<b>Total Live Storage</b>					<b>13.683</b>	<b>0.843</b>	<b>8.010</b>

**Today's Skardu Temperature: Maximum 37.6 °C Minimum 18.6 °C**  
**Last Year's Skardu Temperature: Maximum 34.5 °C Minimum 16.2 °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

^^ 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

**DAILY FLOOD SITUATION REPORT  
THURSDAY JULY 12, 2018****Significant rainfall events reported by FFD, Lahore during the past 24 hours**

<b>Sr. No</b>	<b>City</b>	<b>Rainfall</b>
1.	Kakul	61 mm
2.	Brarkot	55 mm
3.	Hattian Bala	49 mm
4.	Shinkiari & Oghi	41 mm each
5.	Bandi Abbaspur	38 mm
6.	Sialkot	Airport = 34 mm & Cantt = 23 mm
7.	Gujranwala	34 mm
8.	Haraman	31 mm
9.	Gujrat	29 mm
10.	Shadiwal	26 mm
11.	Hajira	24 mm
12.	Mandibahauddin	23 mm
13.	Siadu Sharif	22 mm
14.	Islamabad	Zero Point=21 mm, Airport=14 mm, Bokra=07 mm & Golra=06 mm
15.	Alexandra Bridge, Phulra, Malamjabba & Muzaffarabad	20 mm each
16.	Chattar Kallas, Balakot & Muree	17 mm each
17.	Sherkakota	15 mm
18.	Kotli & Rawalakot	14 mm each
19.	Garhidupatta	11 mm
20.	Tandali	08 mm
21.	Chakothi	06 mm