



Islamic Emirate of Afghanistan  
Ministry of Transport & Aviation  
Afghanistan meteorological Department  
Forecast Division  
Satellite General Management



Daily reports of Satellite imagery analysis. Date & Time: 08/08/2025, 15:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	√ dry	X	X	
2	South	✓	✓	X	X	X	√ dry	X	X	dust storm
3	West	✓	✓	X	X	X	√ dry/warm	X	X	
4	East	✓	X	✓	✓	X	√ moderate	X	X	
5	central	✓	X	X	✓	X	√ dry	X	X	
6	Northeast	✓	X	X	✓	X	√ dry	X	X	
7	Southeast	✓	X	X	✓	X	√ dry	X	X	
8	Northwest	✓	✓	X	X	X	√ dry	X	X	
9	Southwest	✓	✓	X	X	X	√ dry	X	X	

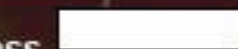
- Details:** According to satellite imagery analysis, the southern, northern, western, eastern, central, northeastern, southeastern, northwestern and southwestern areas have warm air mass (Low UTH). The southern, western, northwestern and southwestern areas have dust. The eastern areas have lightning. The eastern, central, northeastern and southeastern areas have cloudy sky. The all region have dry water vapor with the exception of eastern areas are moderate.

**Note:** X (Not existing phenomena), √ (exist phenomena)

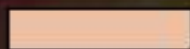
- Reported by: Esmatullah Mohammadi

UTC : 2025-08-08 04:45

AirMass

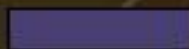


Thick,  
high-level cloud



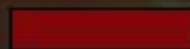
Thick,

mid-level cloud

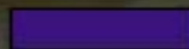


Thick,

low-level cloud



Jet



Cold Airmass



Warm Airmass

(high UTH)



Warm Airmass

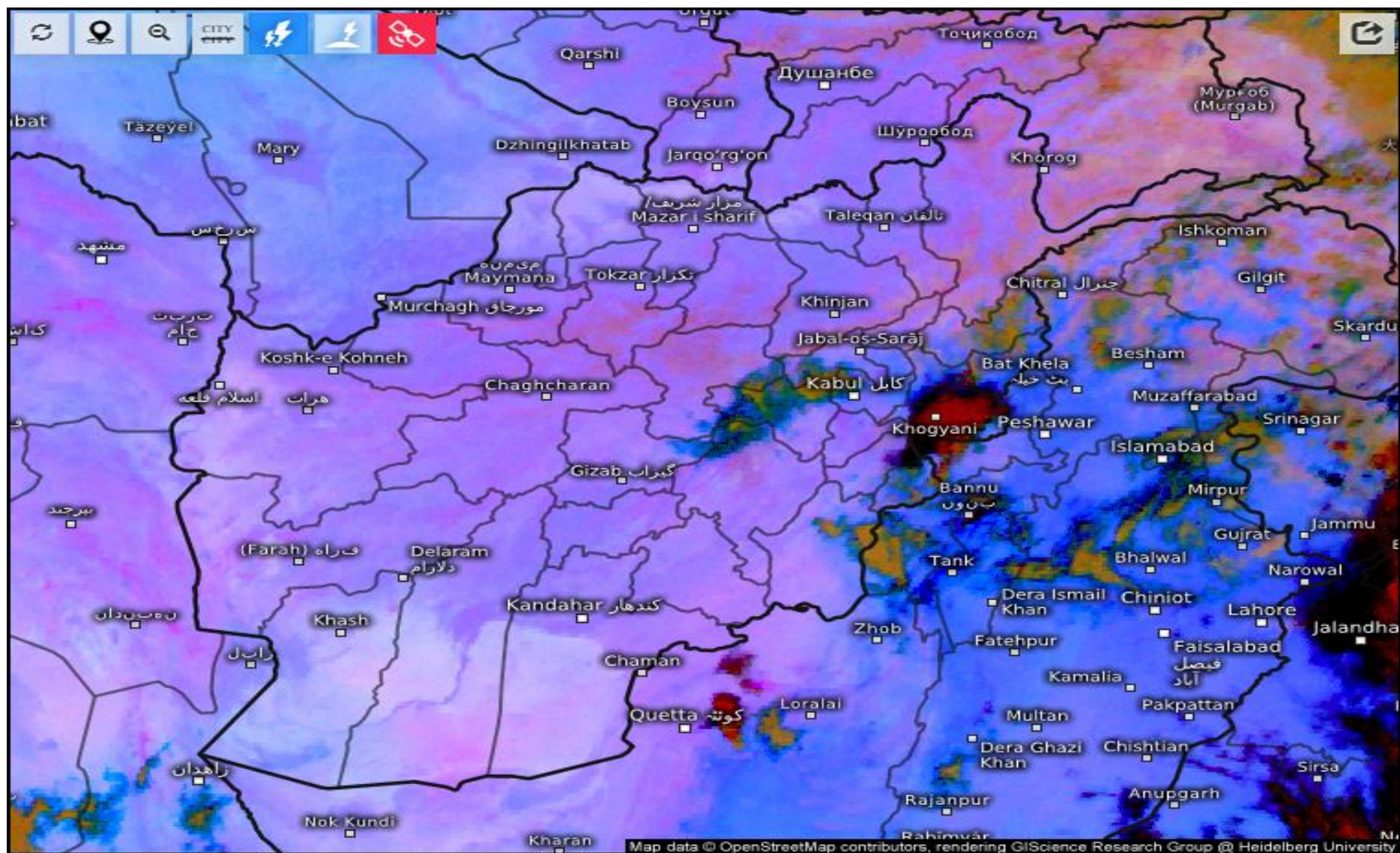
(low UTH)

R=  
G=  
B=

FY-4B AirMass RGB Composite (From WMO)





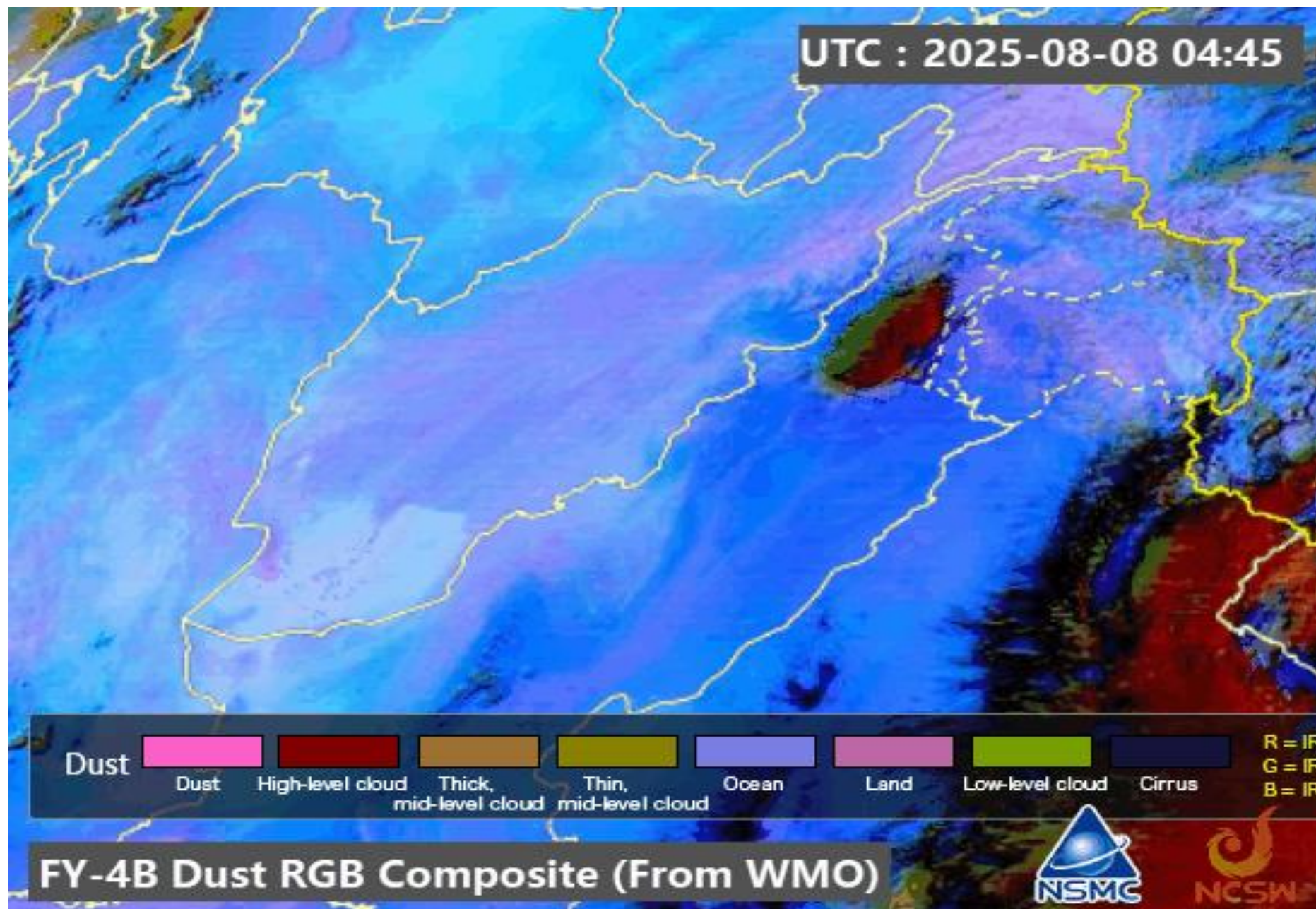


Satellite Dust 

Fri 08/08/2025, 07:00pm GMT+0430



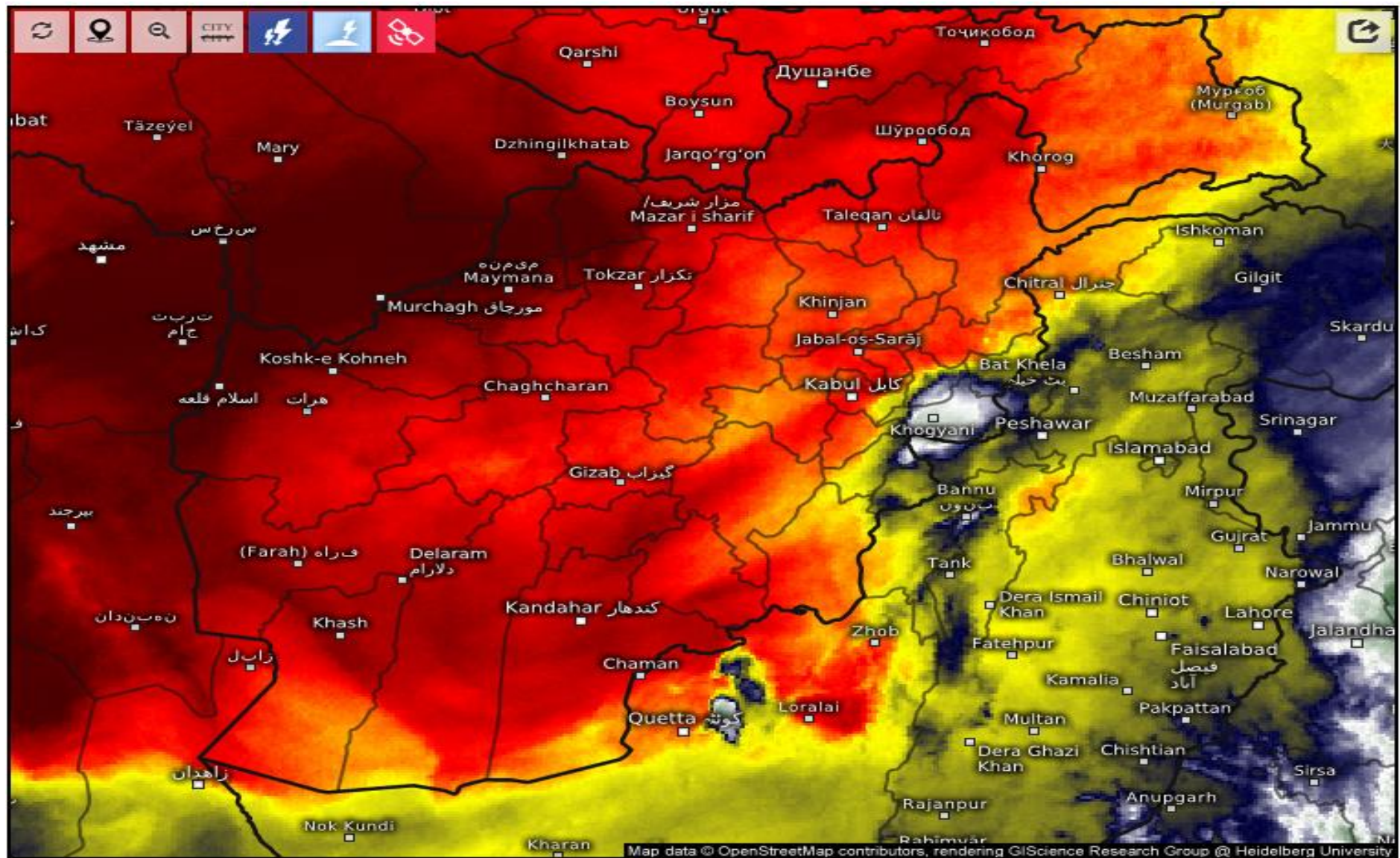
UTC : 2025-08-08 04:45



FY-4B Dust RGB Composite (From WMO)

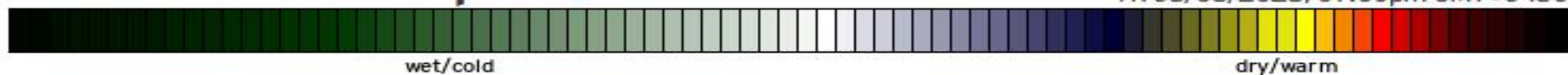






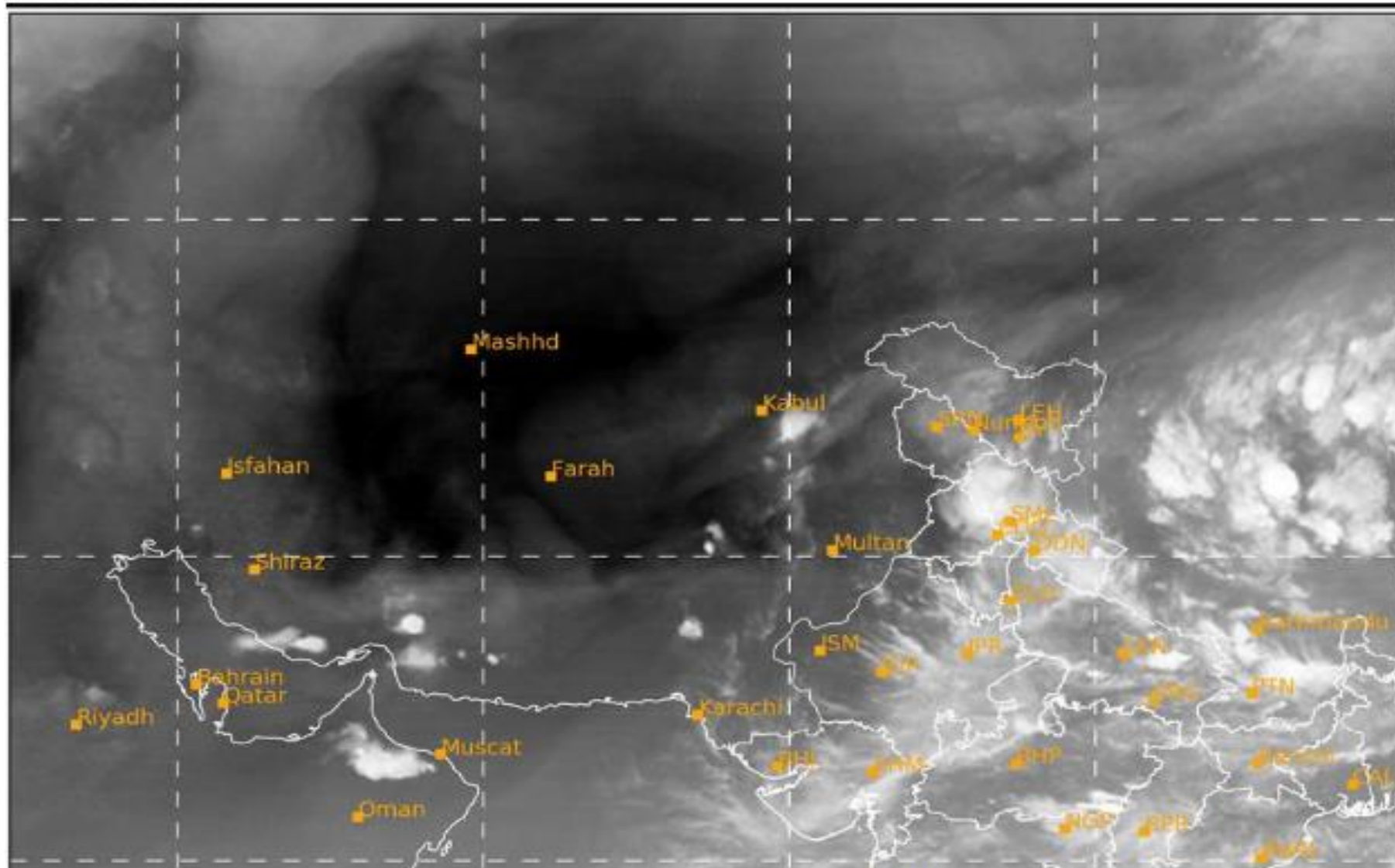
## Satellite Water Vapor

Fri 08/08/2025, 07:00pm GMT+0430



SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
L1C Mercator

08-08-2025/(1345 to 1412) GMT  
08-08-2025/(1915 to 1942) IST





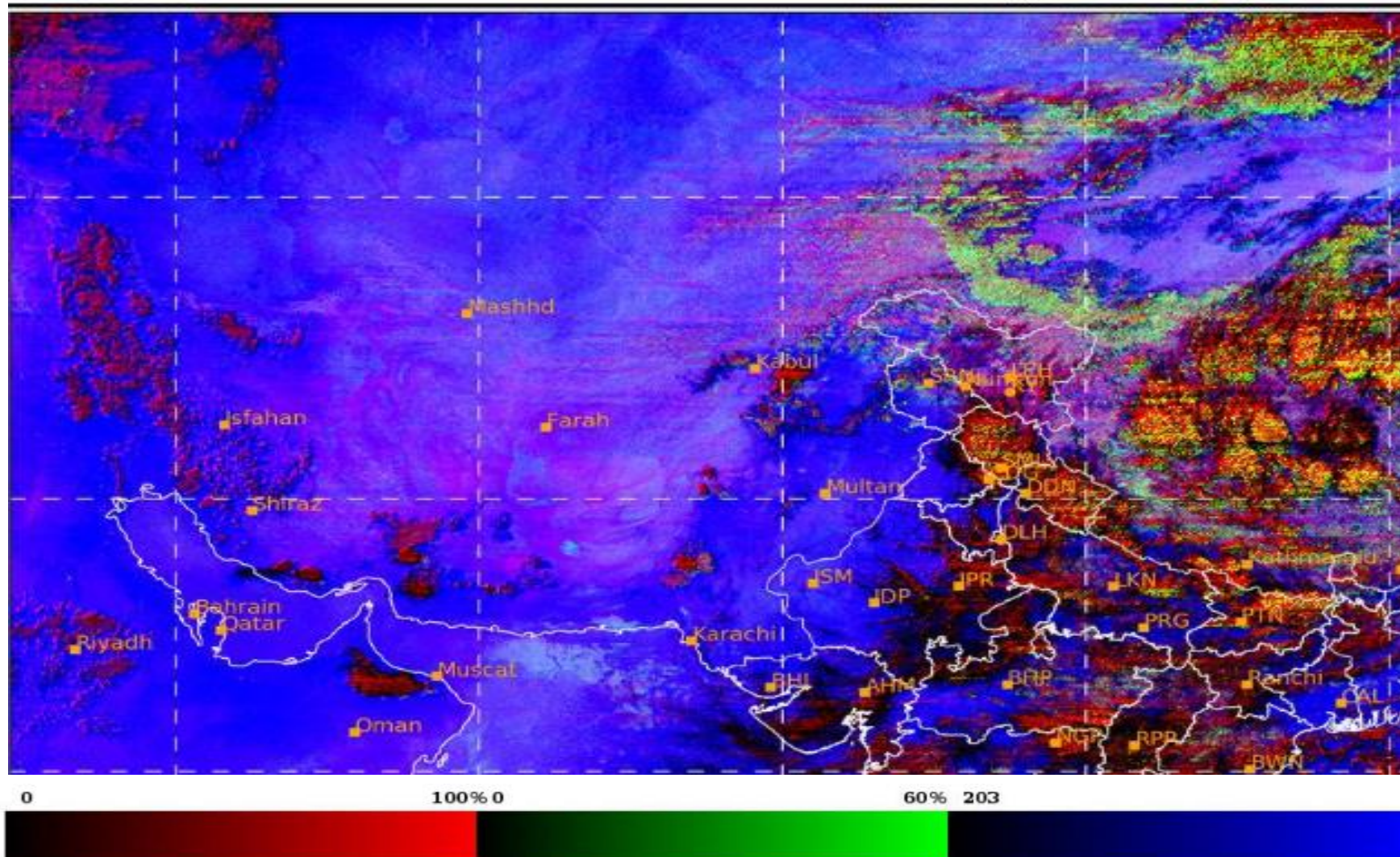
SAT : INSAT-3DR IMG

08-08-2025/(1345 to 1412) GMT

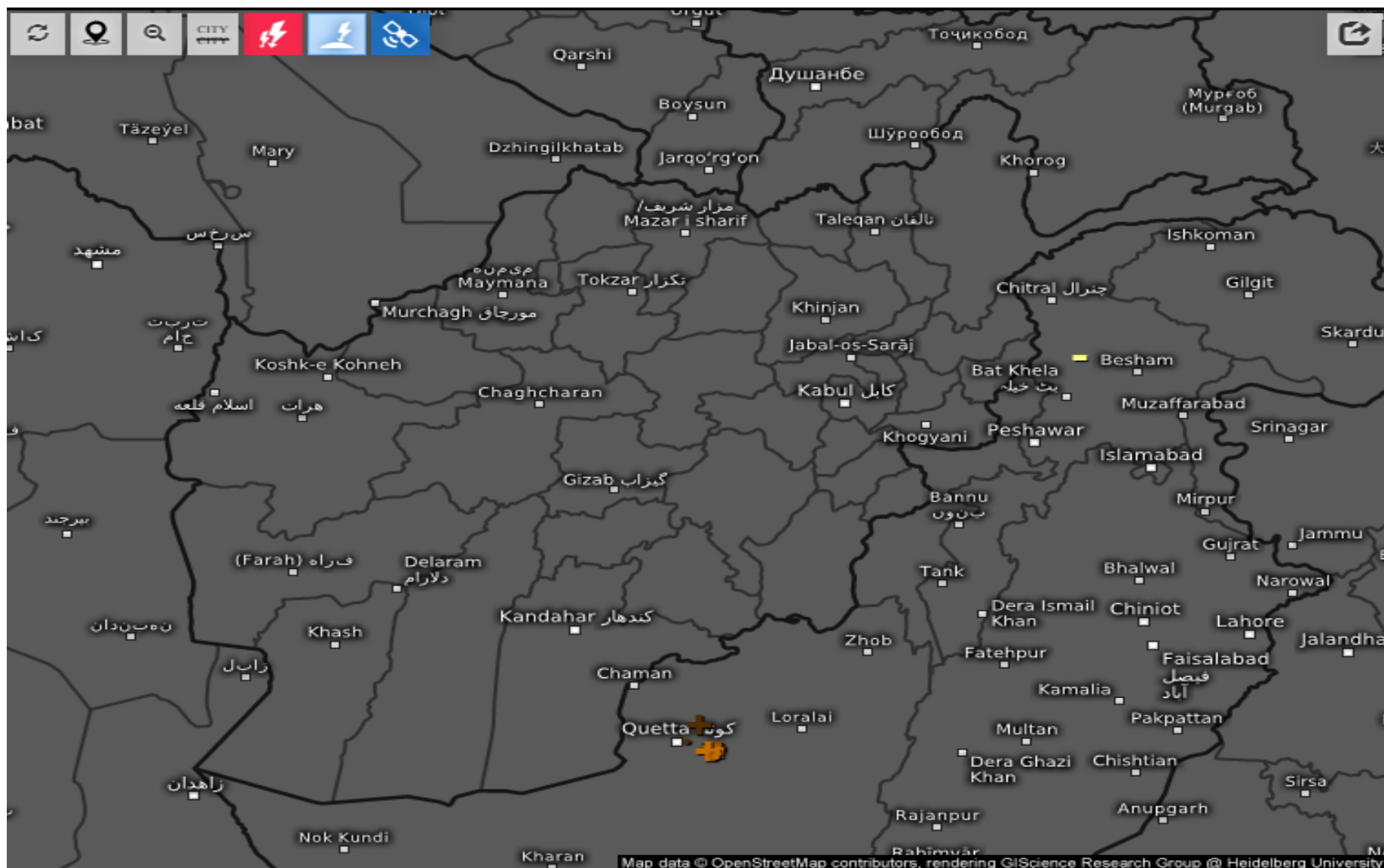
Night Microphysics: TIR2\_BT-TIR1\_BT (R), TIR1\_BT-MIR\_BT (G), TIR1\_BT (B)

L1C Mercator

08-08-2025/(1915 to 1942) IST



Fog Low Clouds Mid Orographic Cloud CB Snow Dust



Age of lightning (minutes) 

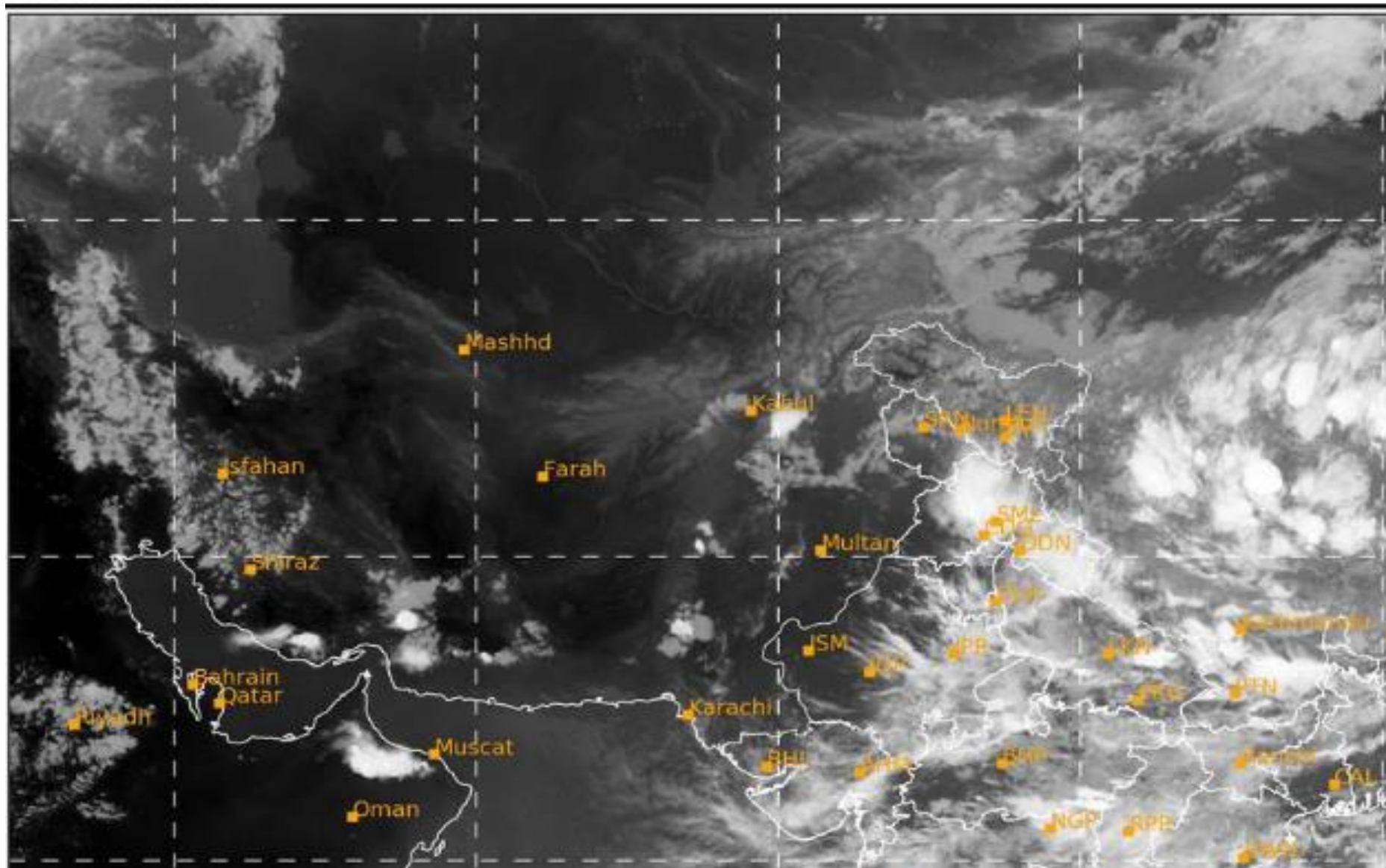
Fri 08/08/2025, 07:10pm GMT+0430





SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
L1C Mercator

08-08-2025/(1345 to 1412) GMT  
08-08-2025/(1915 to 1942) IST



## Live satellite map, Afghanistan





# Cloud Top Height

2025-08-08 14:15(UTC)

