



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



Daily reports of Satellite imagery analysis. Date & Time: 25/08/2025, 00:00 UTC

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

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

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-08-24 13:45

AirMass

Thick,  
high-level cloud

Thick,  
mid-level cloud

Thick,  
low-level cloud

Jet

Cold Airmass

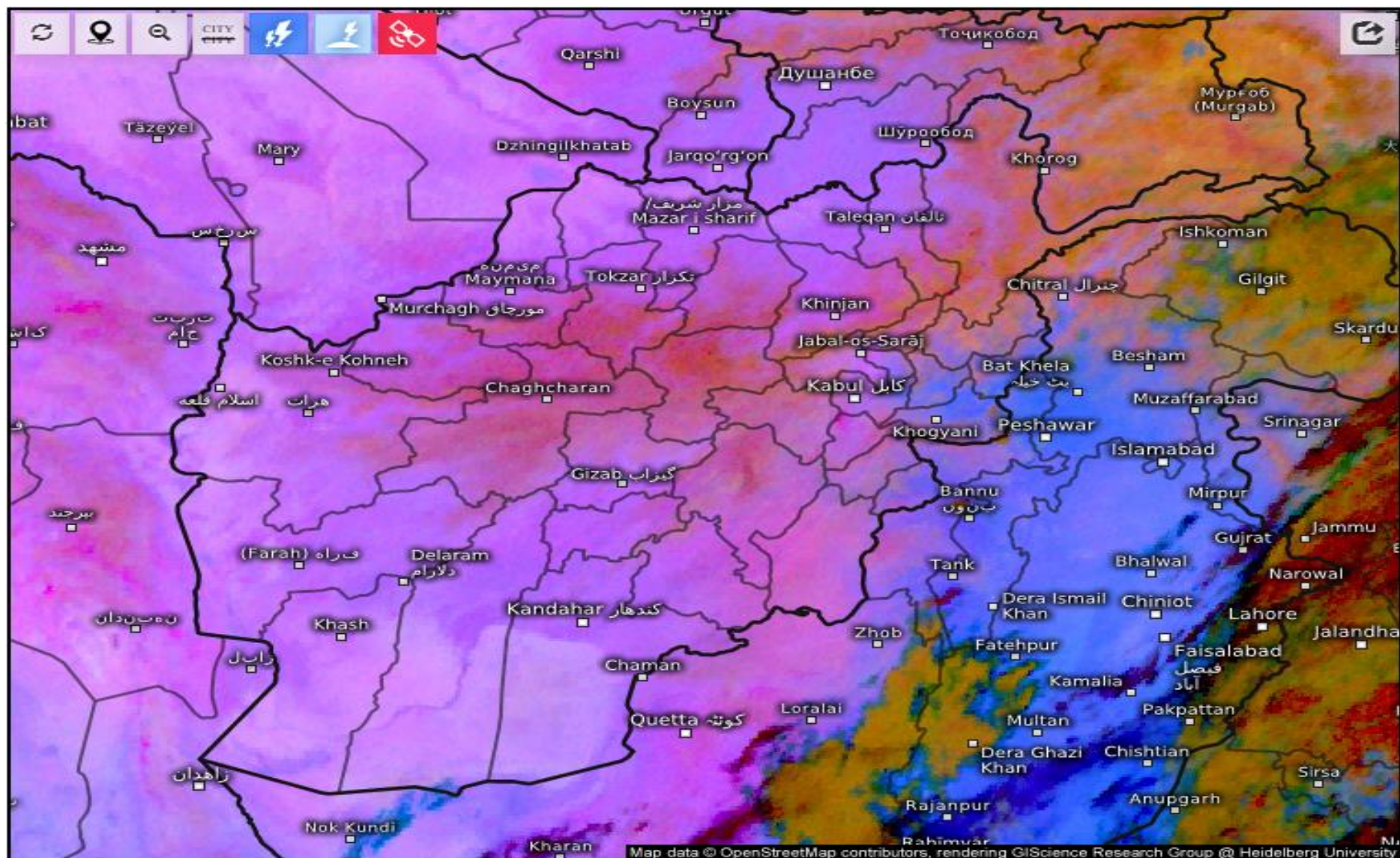
Warm Airmass  
(high UTH)

Warm Air  
(low UT

FY-4B AirMass RGB Composite (From WMO







Satellite Dust 

Mon 08/25/2025, 04:00am GMT+0430



UTC : 2025-08-24 13:45

Dust



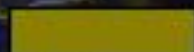
Dust



High-level cloud



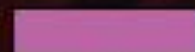
Thick,  
mid-level cloud



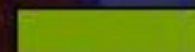
Thin,  
mid-level cloud



Ocean



Land



Low-level cloud

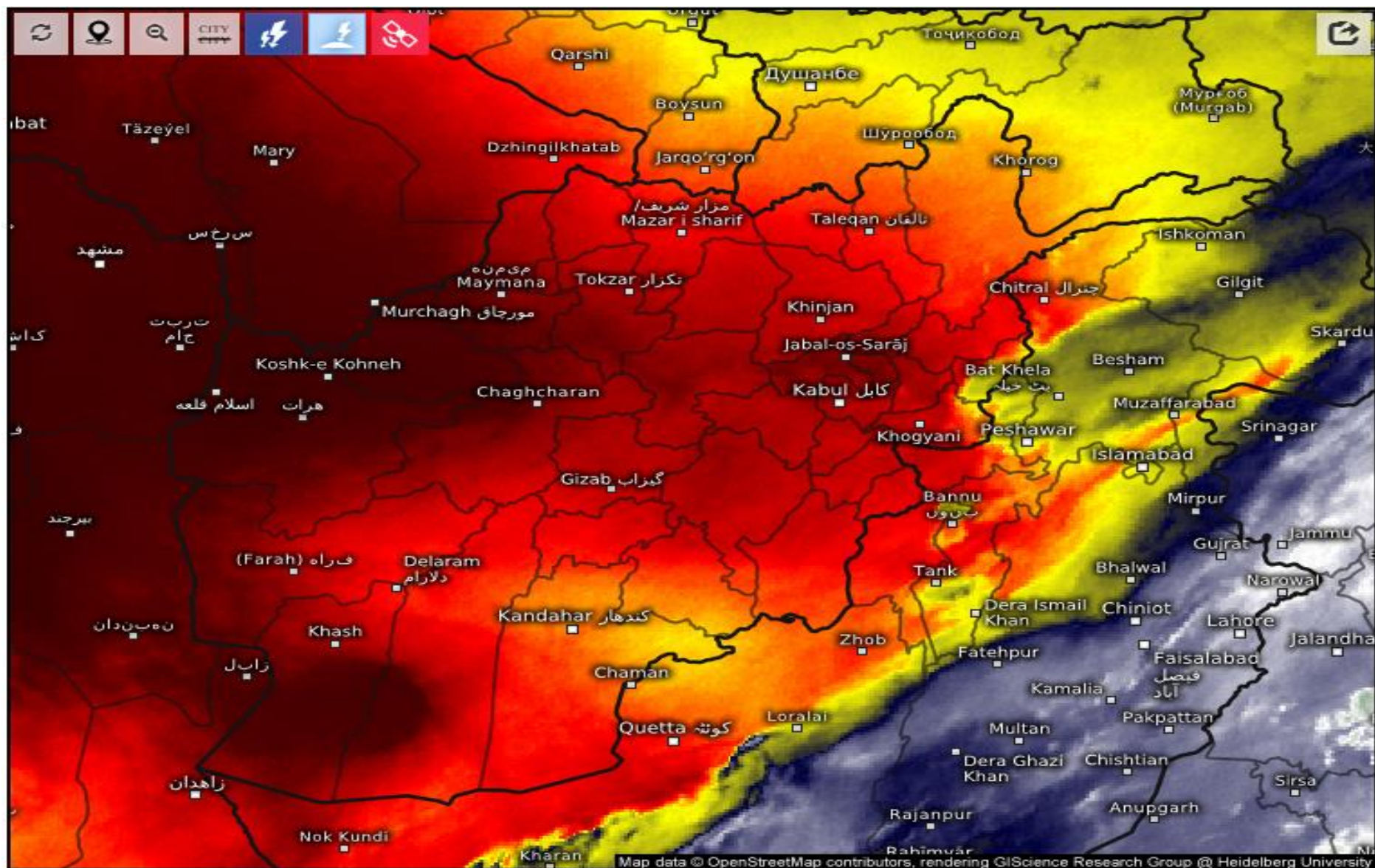


Cirrus

**FY-4B Dust RGB Composite (From WMO)**







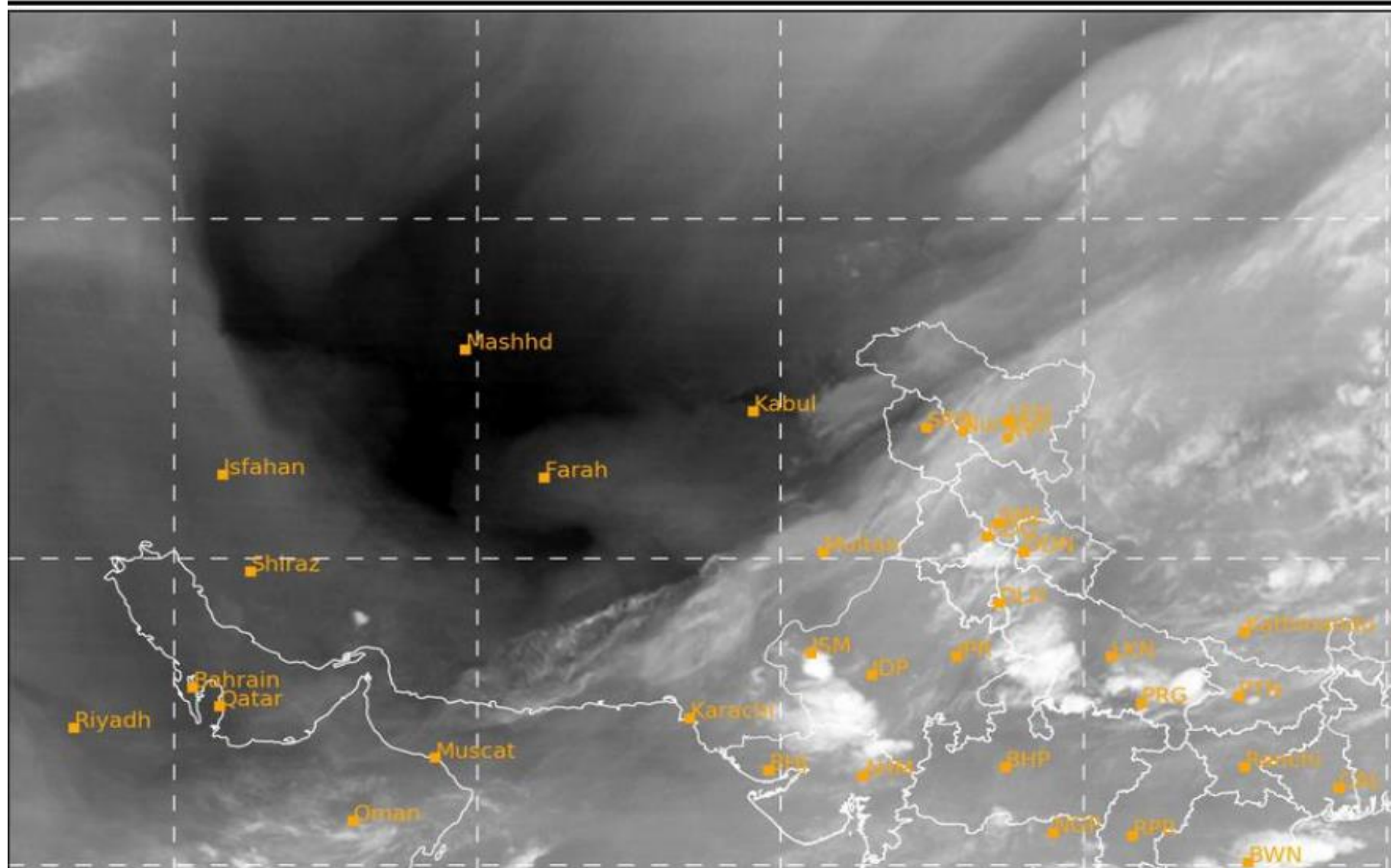
## Satellite Water Vapor

Mon 08/25/2025, 04:00am GMT+0430



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

24-08-2025/(2245 to 2312) GMT  
25-08-2025/(0415 to 0442) IST





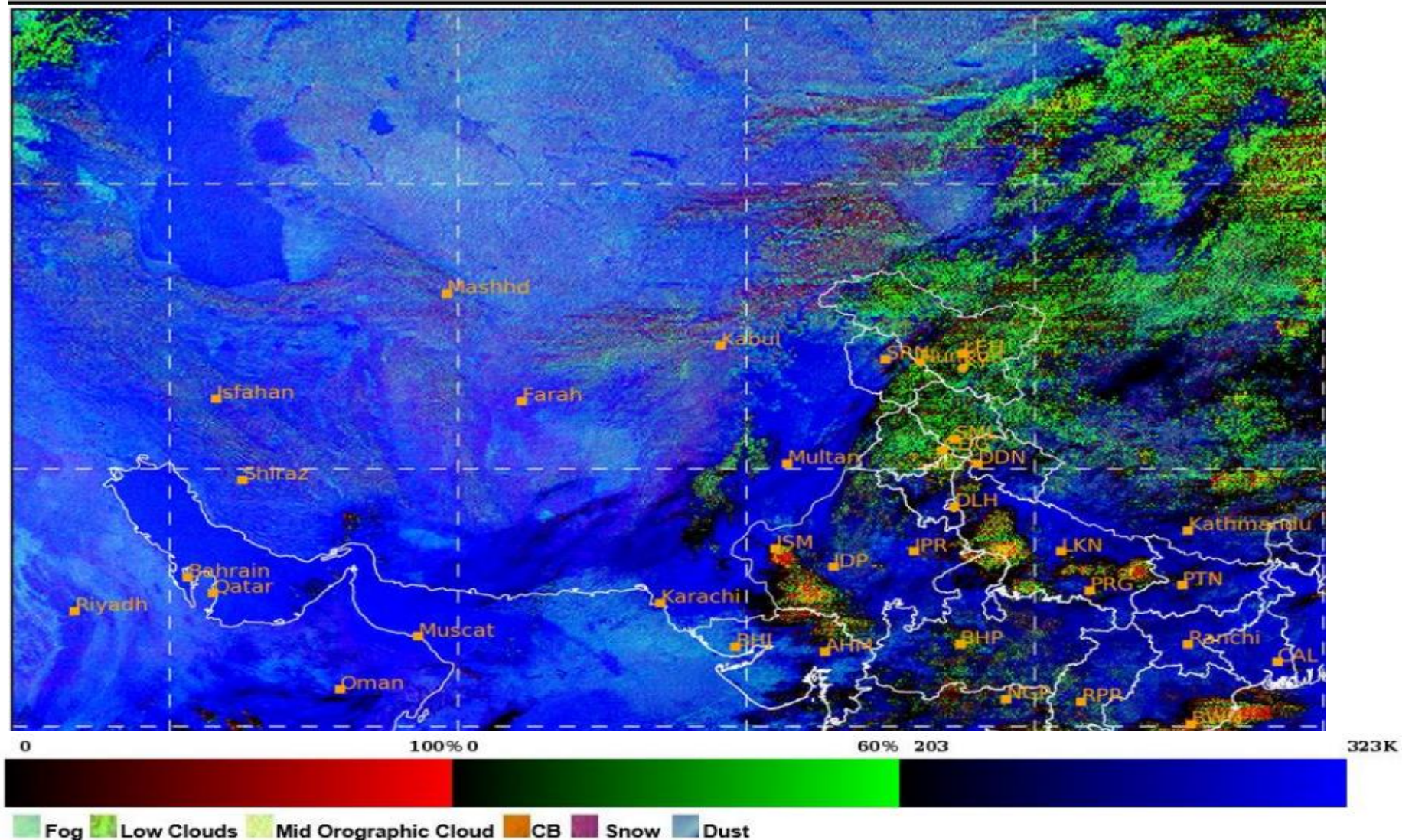
SAT : INSAT-3DR IMG

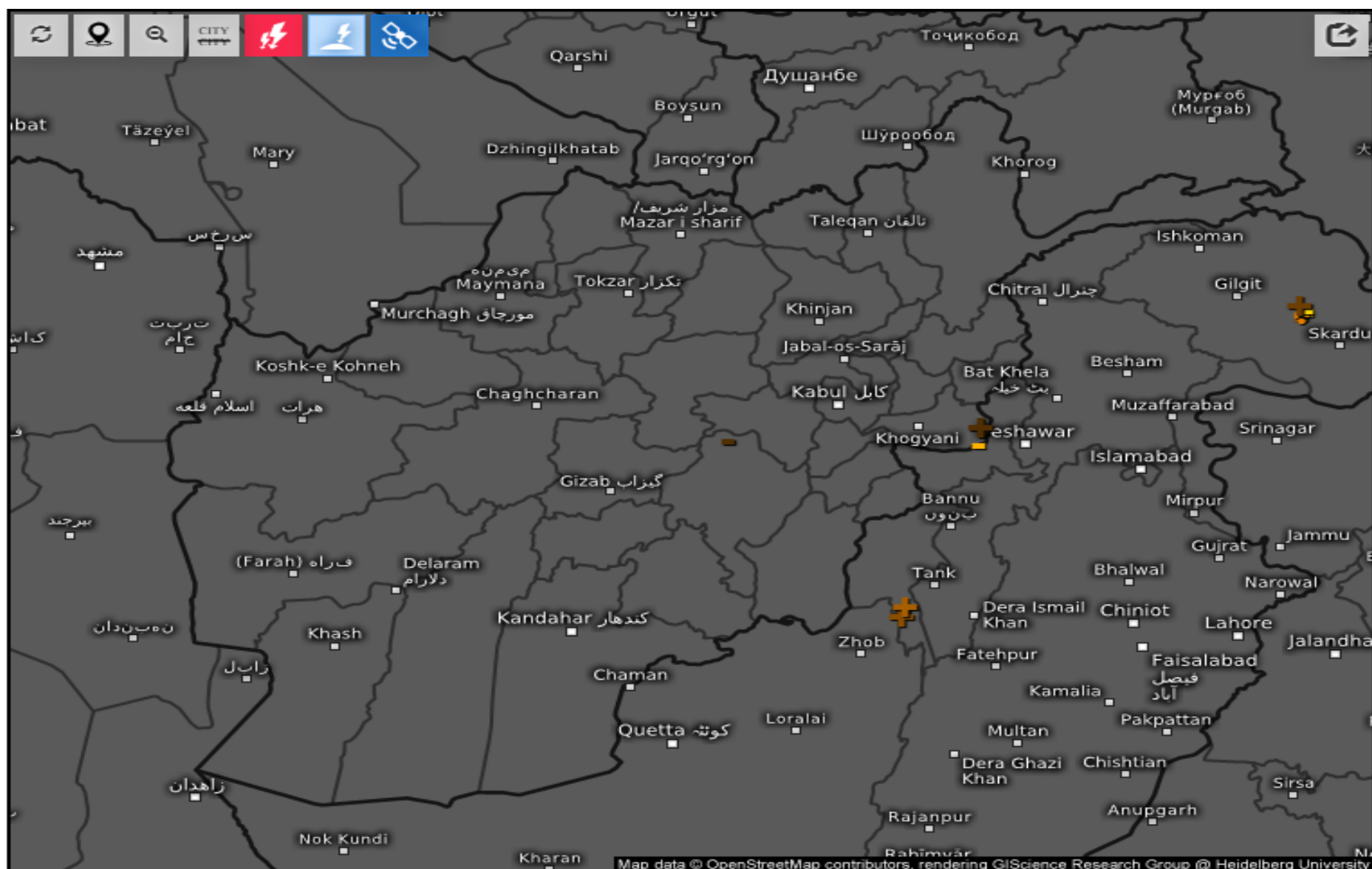
24-08-2025/(2245 to 2312) GMT

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

L1C Mercator

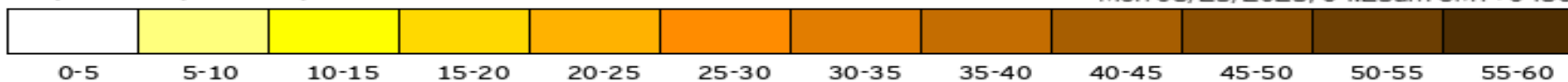
25-08-2025/(0415 to 0442) IST





Age of lightning (minutes) 

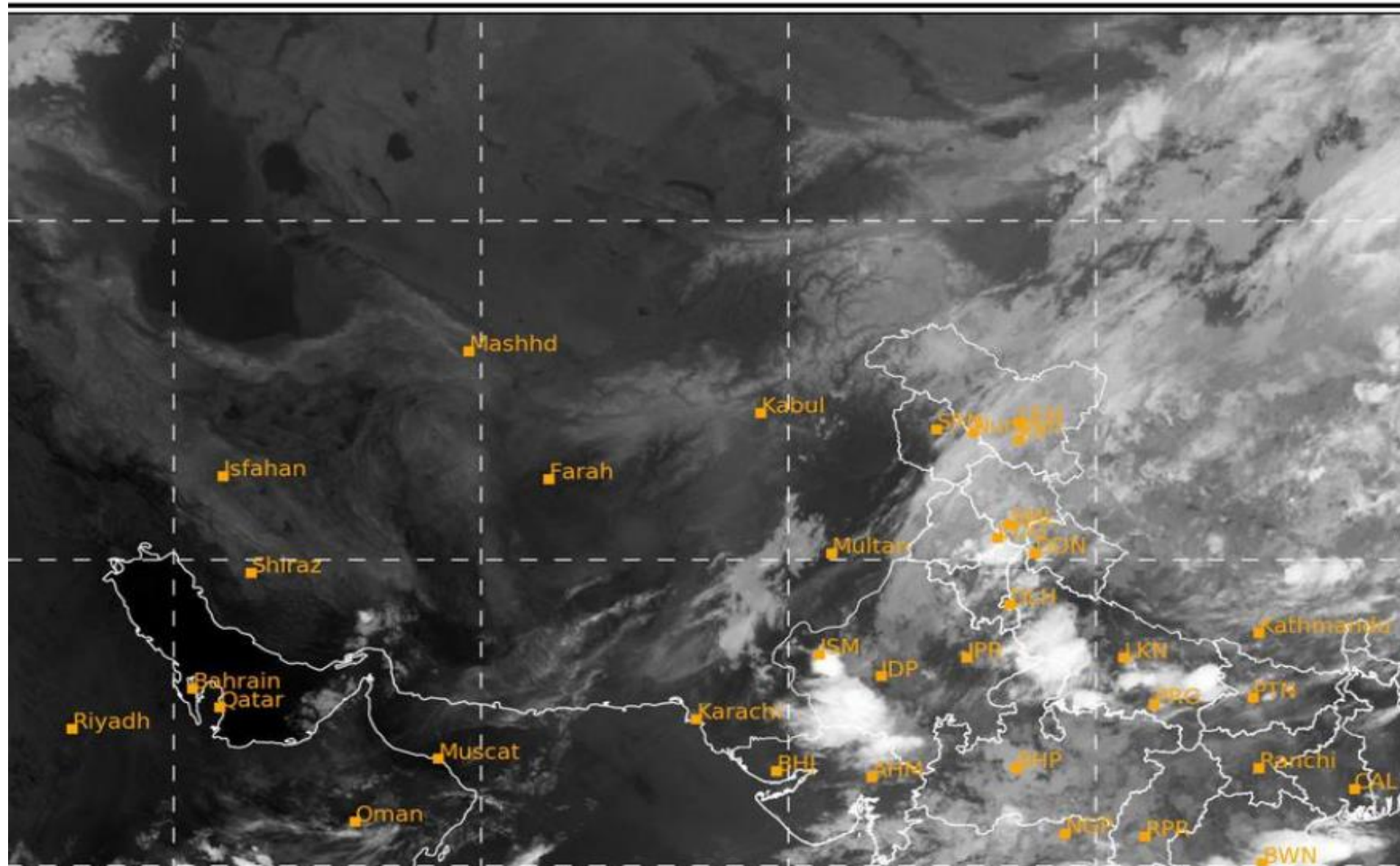
Mon 08/25/2025, 04:25am GMT+0430





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

24-08-2025/(2245 to 2312) GMT  
25-08-2025/(0415 to 0442) IST



## Live satellite map, Afghanistan





# Cloud Top Height

2025-08-24 23:30(UTC)

