



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



Daily reports of Satellite imagery analysis. Date & Time: 23/08/2025, 00:00 UTC

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

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

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-08-22 14:00

AirMass

Thick,
high-level cloud

Thick,
mid-level cloud

Thick,
low-level cloud

Jet

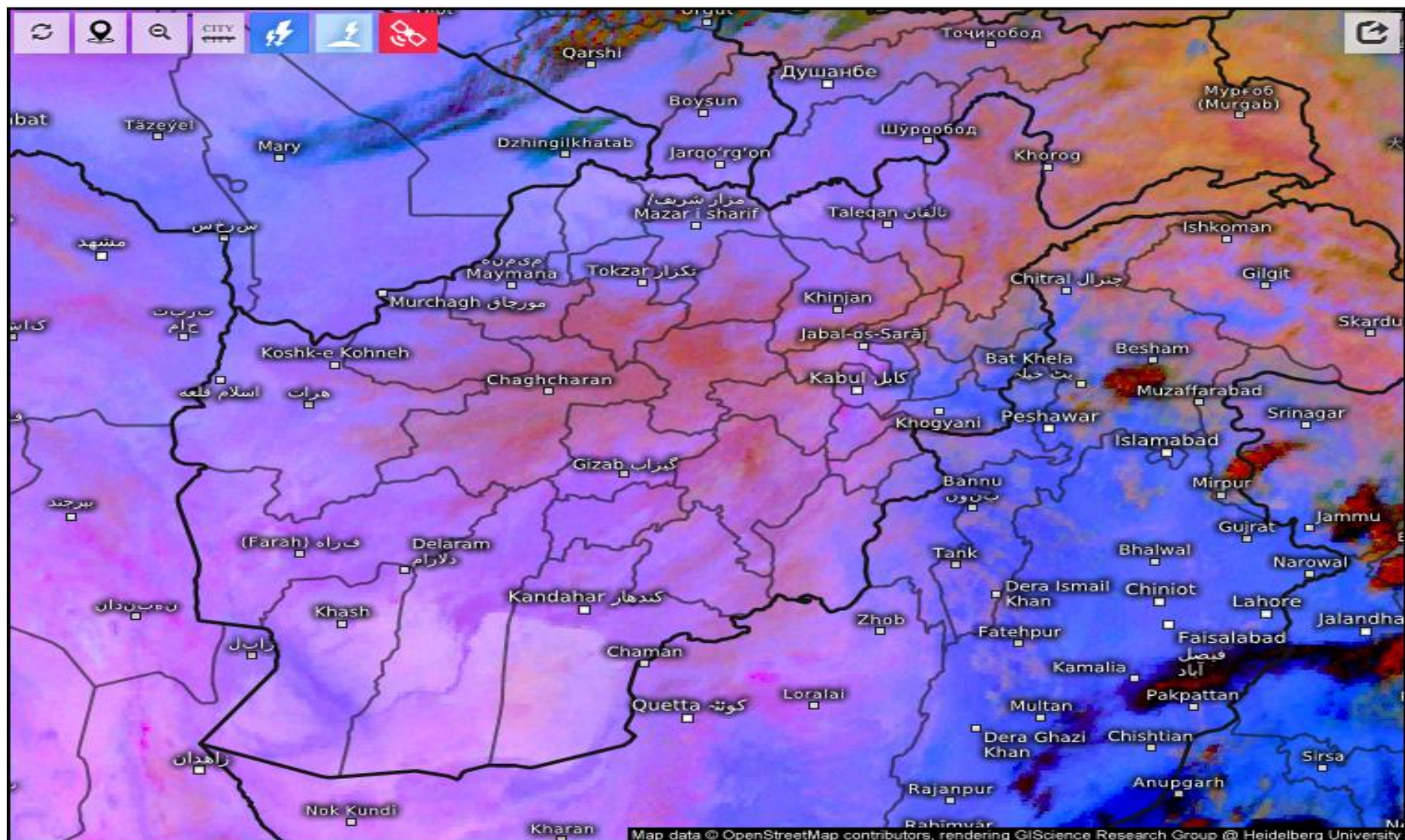
Cold Airmass

Warm Airmass
(high UTH)

Warm Air
(low UT)

FY-4B AirMass RGB Composite (From WMO)



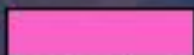


Satellite Dust 

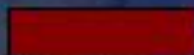
Sat 08/23/2025, 04:00am GMT+0430

UTC : 2025-08-22 14:00

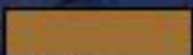
Dust



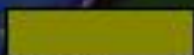
Dust



High-level cloud



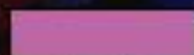
Thick,
mid-level cloud



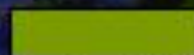
Thin,
mid-level cloud



Ocean



Land



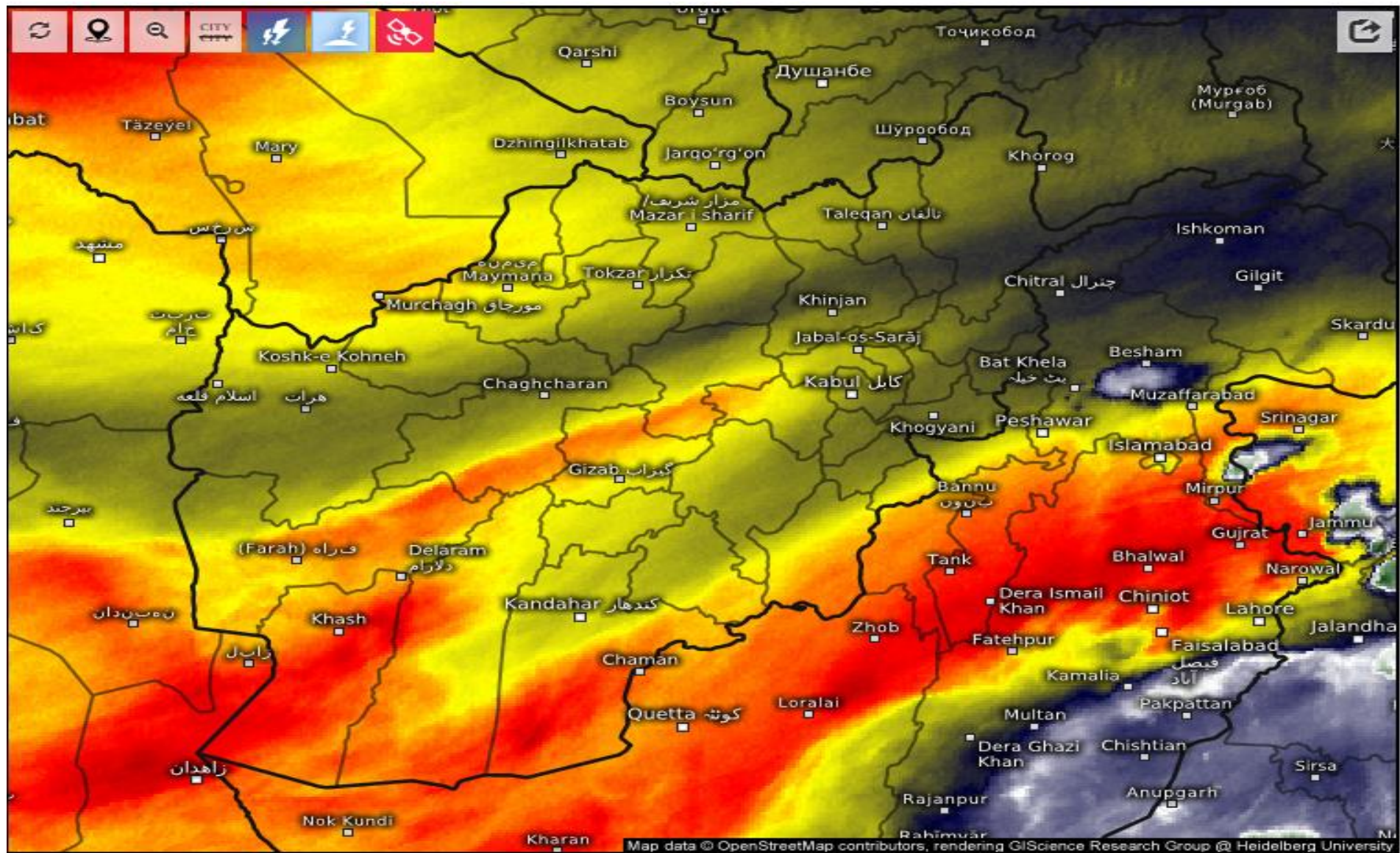
Low-level cloud



Cirrus

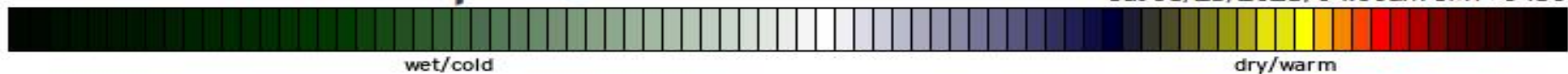
FY-4B Dust RGB Composite (From WMO)





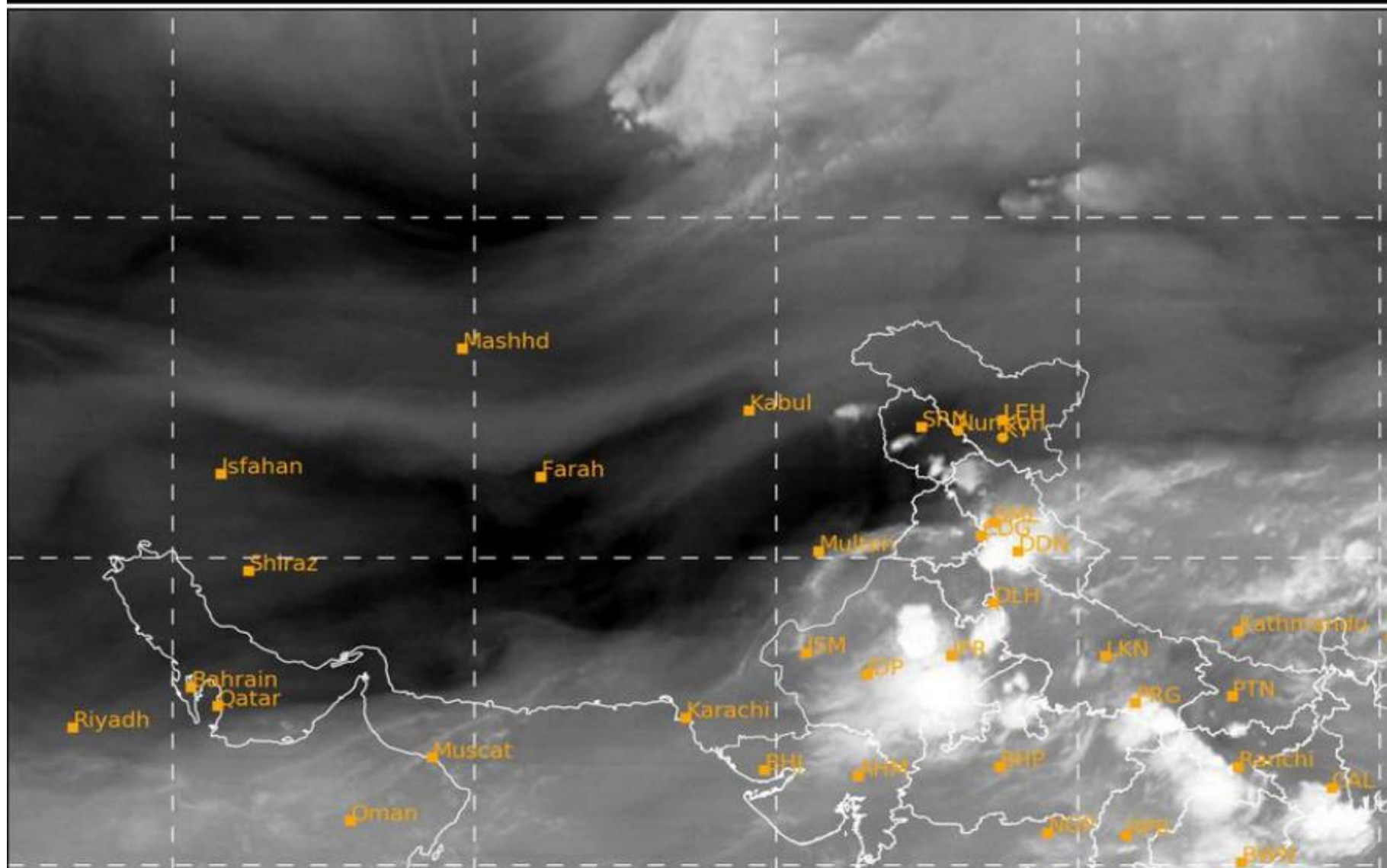
Satellite Water Vapor

Sat 08/23/2025, 04:00am GMT+0430



L1C Mercator

23-08-2025/(0415 to 0442) IST



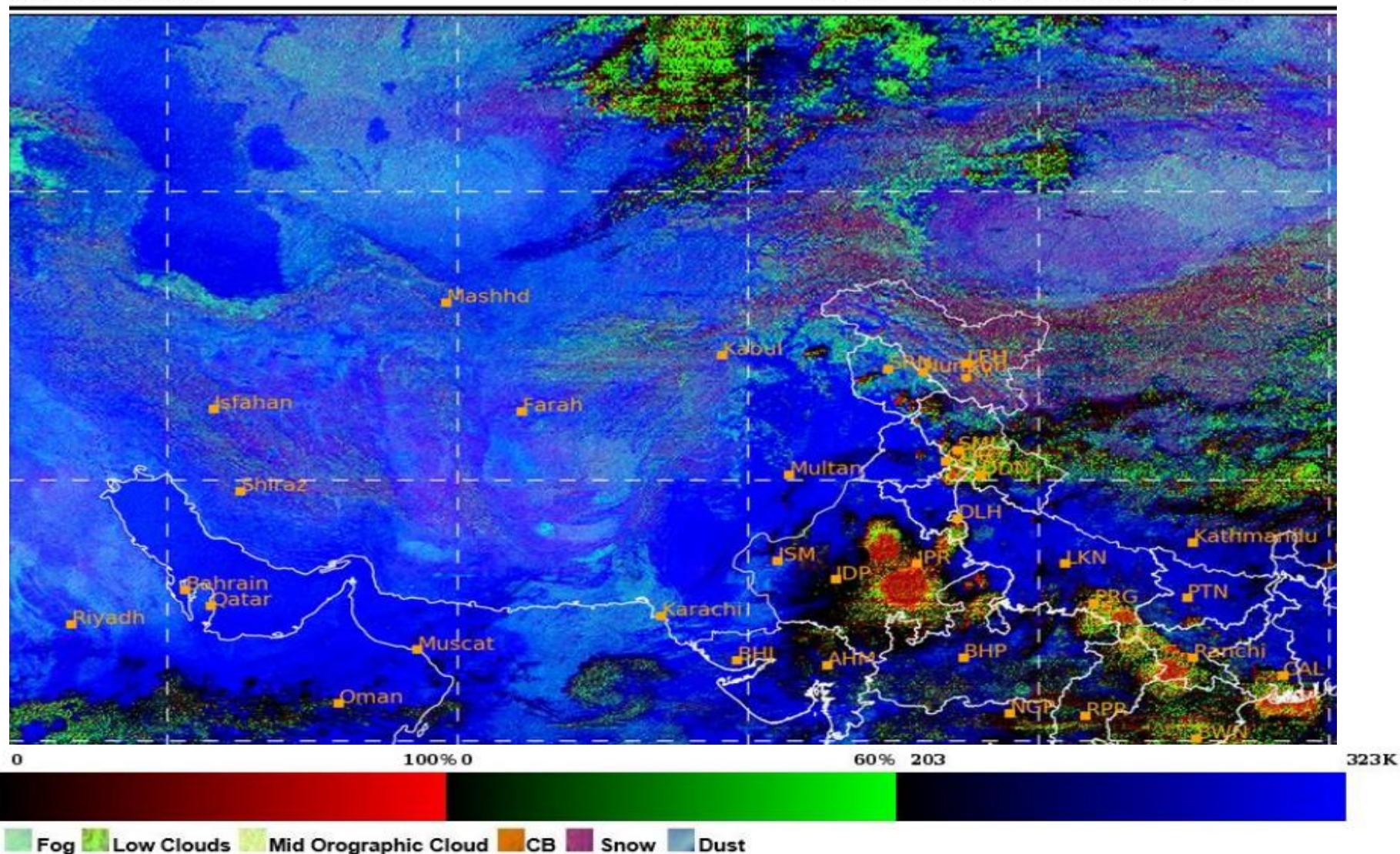
SAT : INSAT-3DR IMG

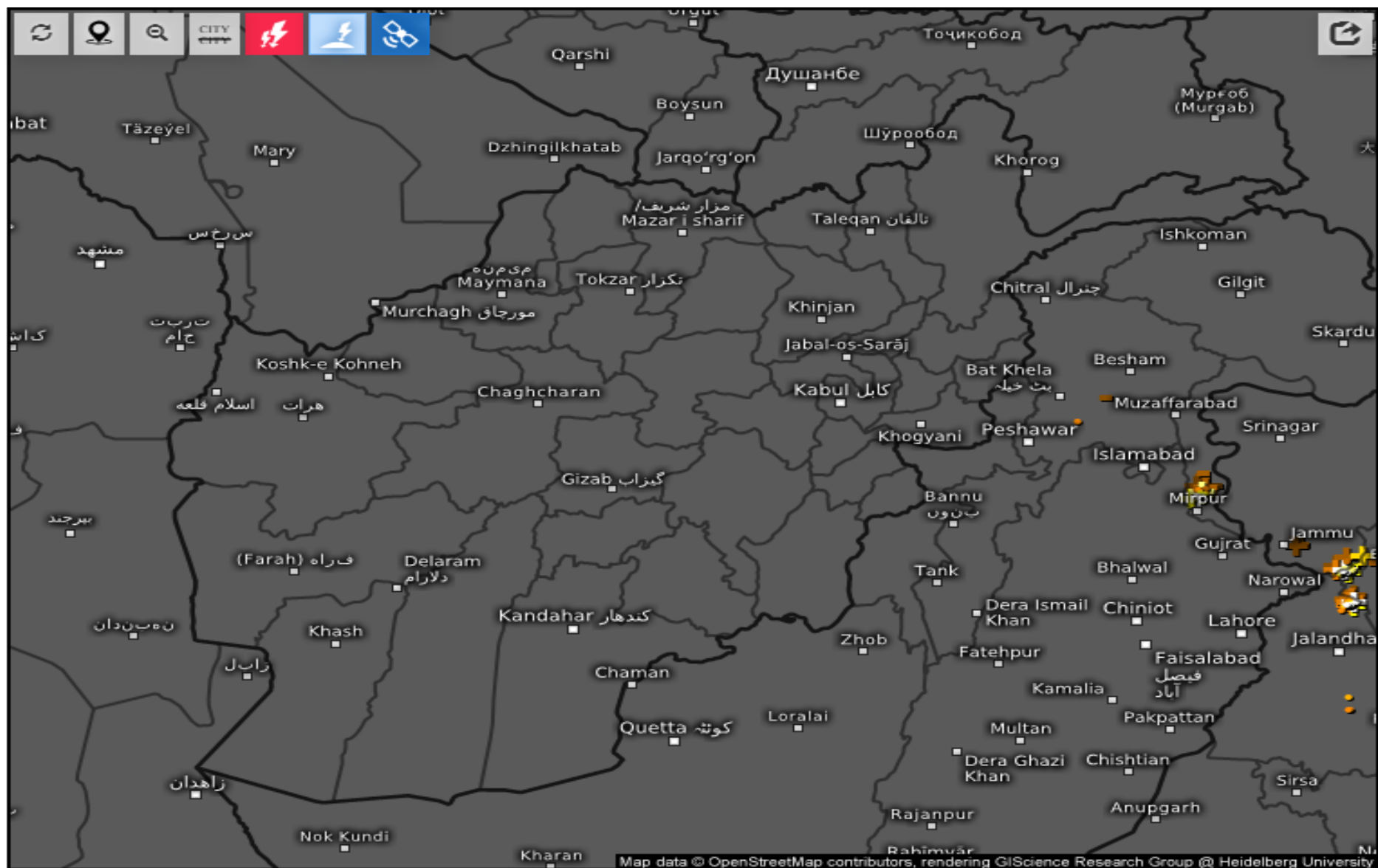
22-08-2025/(2245 to 2312) GMT

Night Microphysics: TIR2_BT-TIR1_BT (R), TIR1_BT-MIR_BT (G), TIR1_BT (B)

L1C Mercator

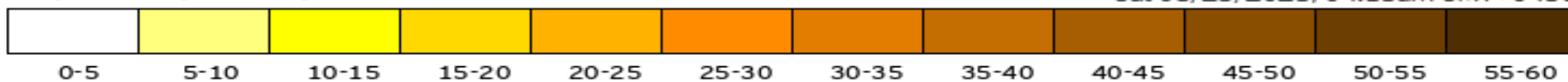
23-08-2025/(0415 to 0442) IST





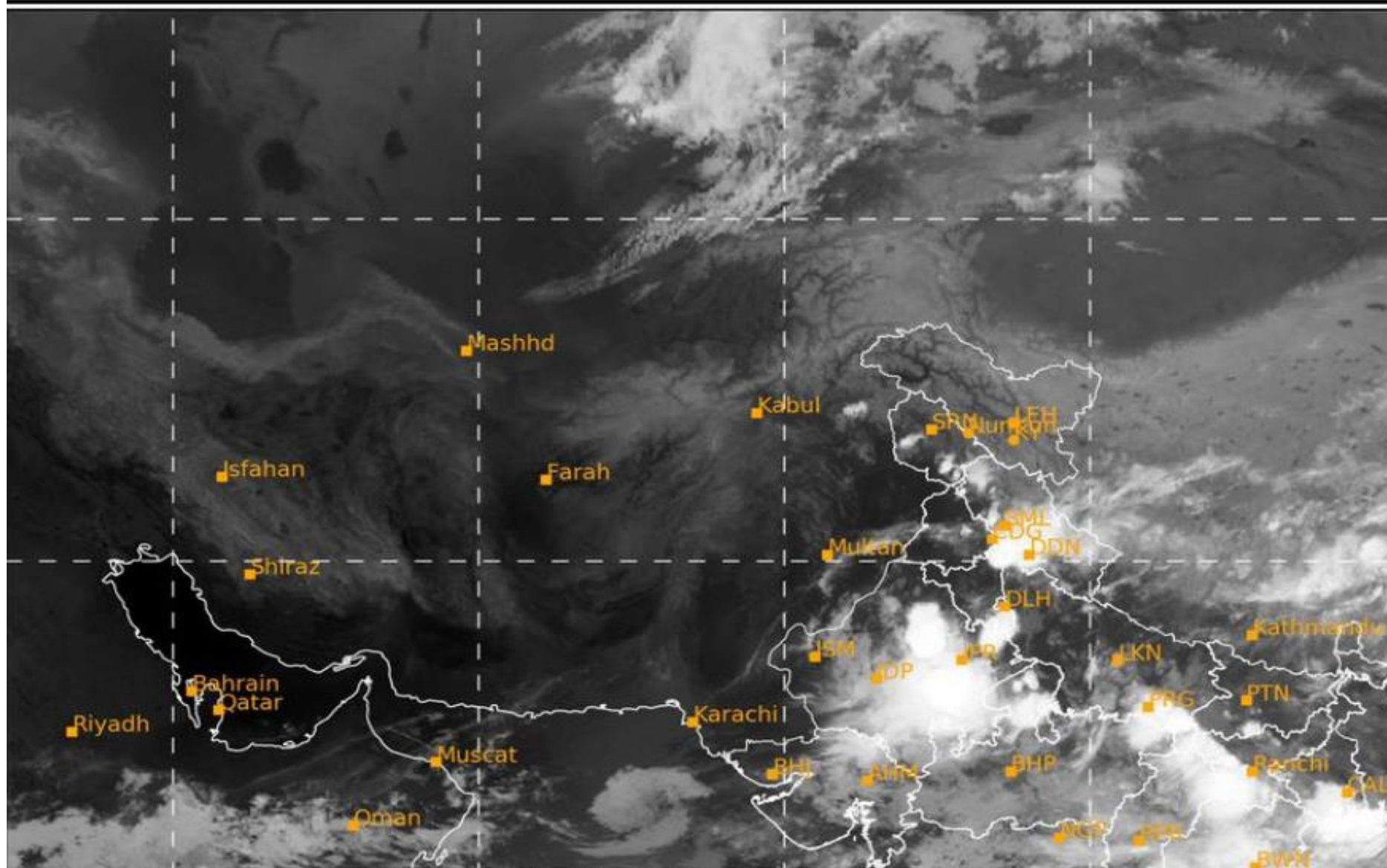
Age of lightning (minutes) 

Sat 08/23/2025, 04:15am GMT+0430



L1C Mercator

23-08-2025/(0415 to 0442) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-08-22 23:15(UTC)

