



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



Daily reports of Satellite imagery analysis. Date & Time: 23/12/2025, 03:00 UTC

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

Details: according to satellite imagery analysis the western, northwestern and southwestern regions have cold air mass also the eastern, central, northeastern, southeastern regions have warm air mass (Low UTH). The northwestern region has partly cloudy sky. The all regions have moderate water vapor with the exception of eastern region have weak water vapor.

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

- Reported by: Esmatullah Mohammadi

UTC: 2025-12-22 19:45

AirMass

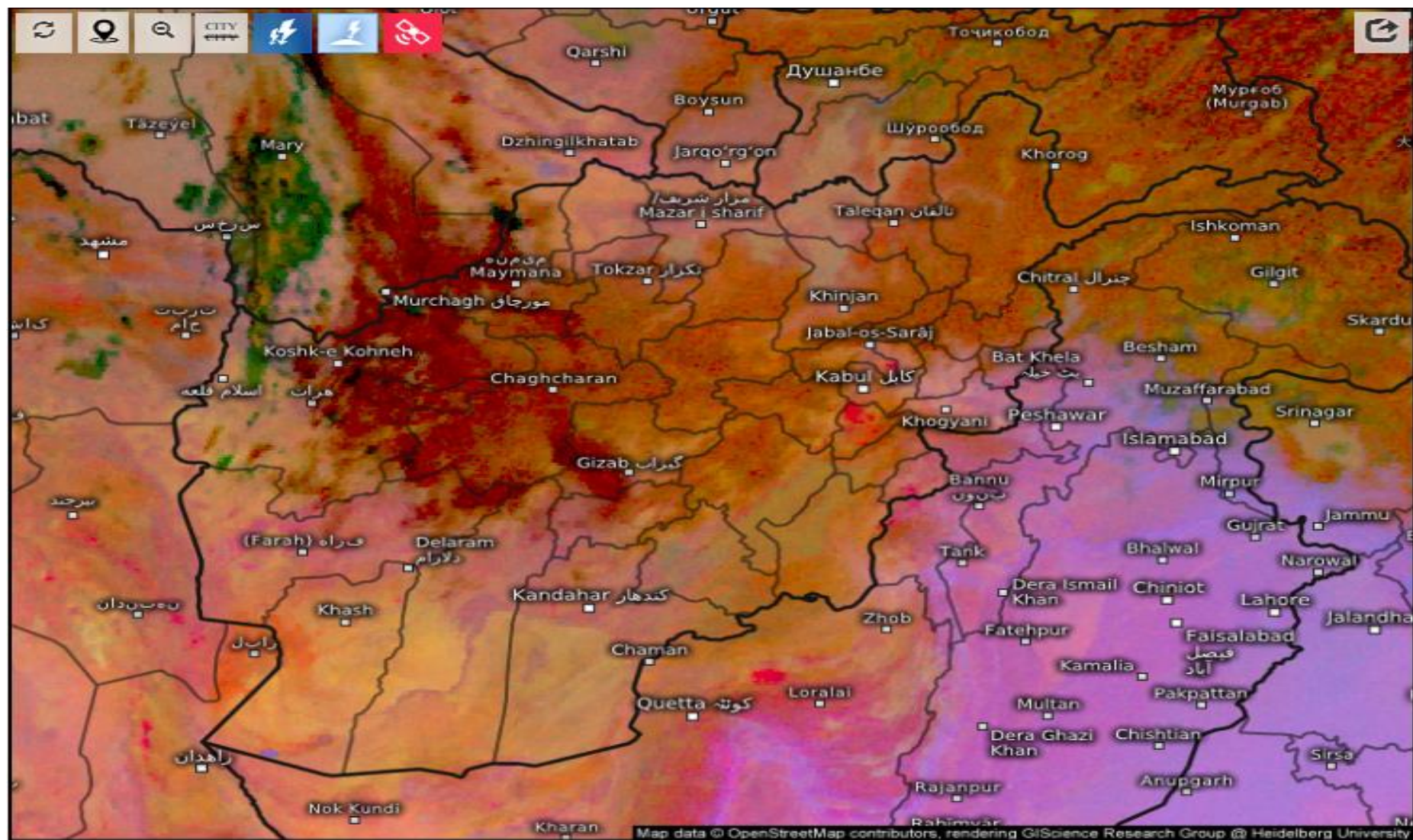
Thick, high-level cloud
Thick, mid-level cloud
Thick, low-level cloud

Jet

Cold Airmass
Warm Airmass (high UTH)

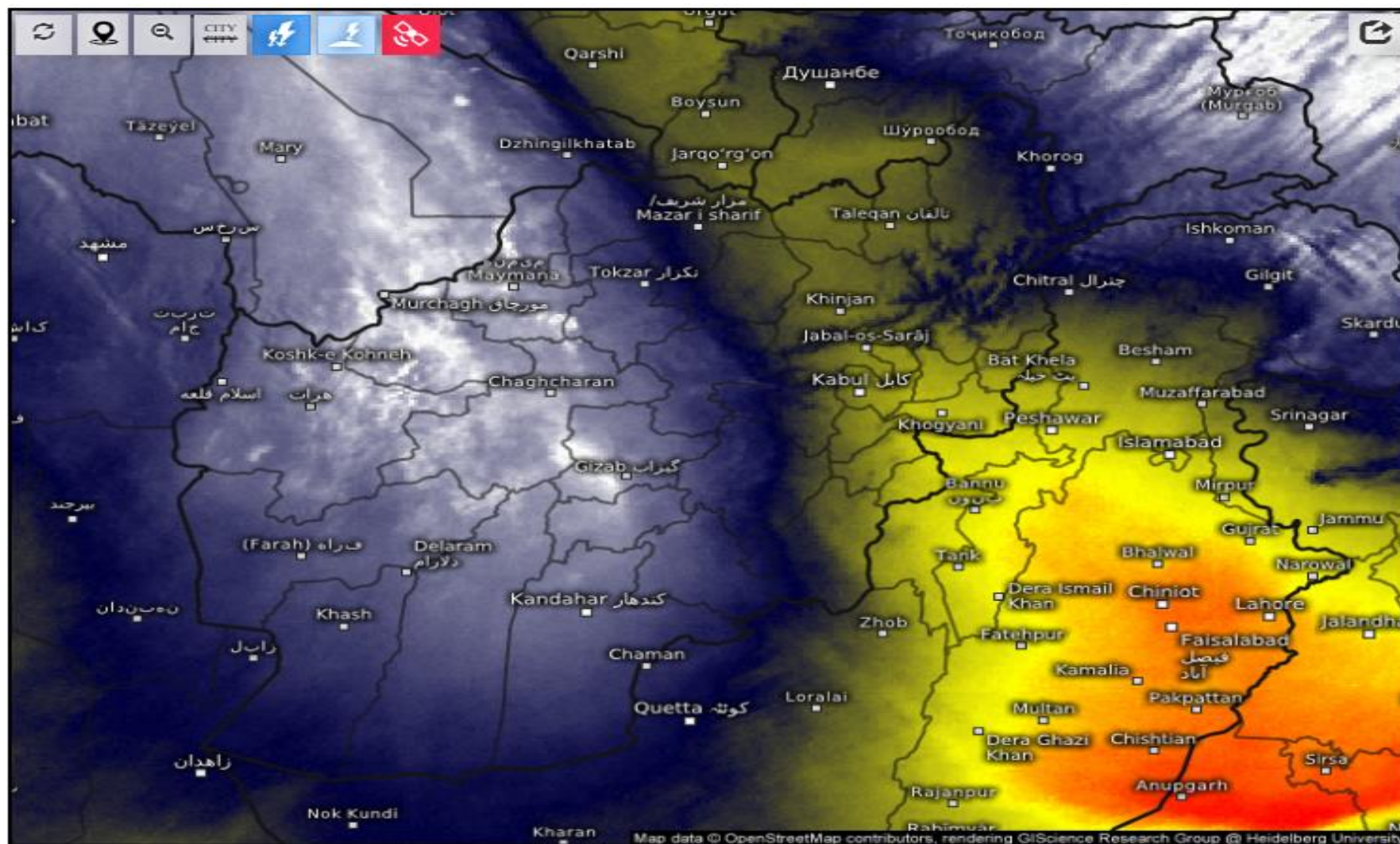
FY-4B AirMass RGB Composite (From W





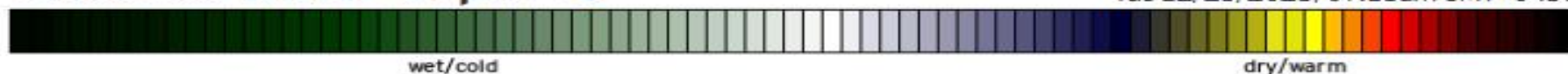
Satellite Dust 

Tue 12/23/2025, 07:15am GMT+0430



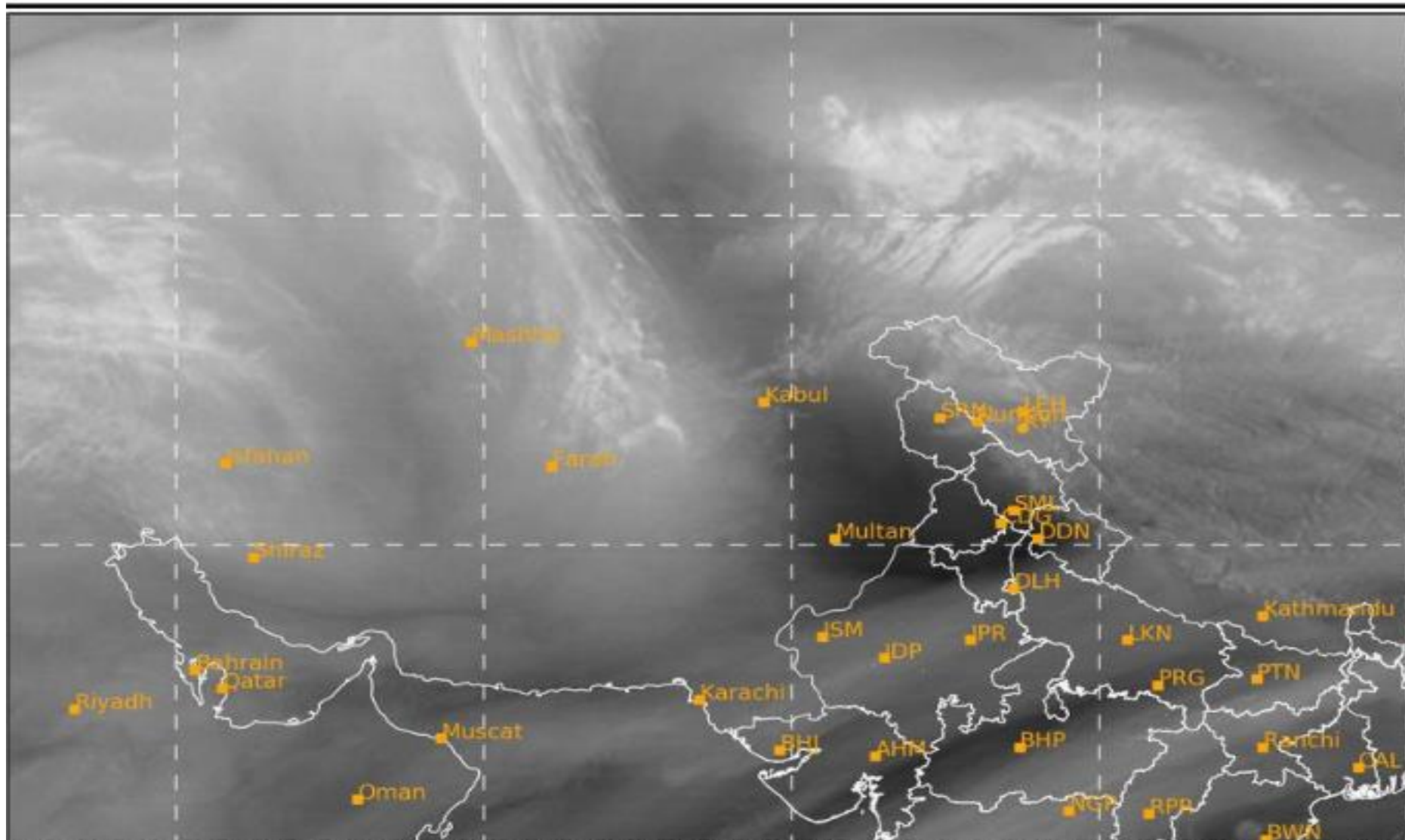
Satellite Water Vapor

Tue 12/23/2025, 07:15am GMT+0430



SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

23-12-2025/(0315 to 0342) GMT
23-12-2025/(0845 to 0912) IST

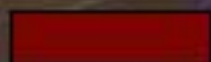


UTC: 2025-12-22 19:45

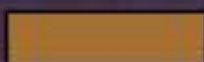
Dust



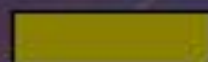
Dust



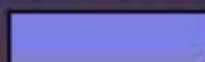
High-level cloud



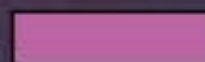
Thick,
mid-level cloud



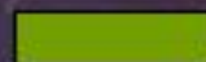
Thin,
mid-level cloud



Ocean



Land



Low-level cloud

FY-4B Dust RGB Composite (From WMC)



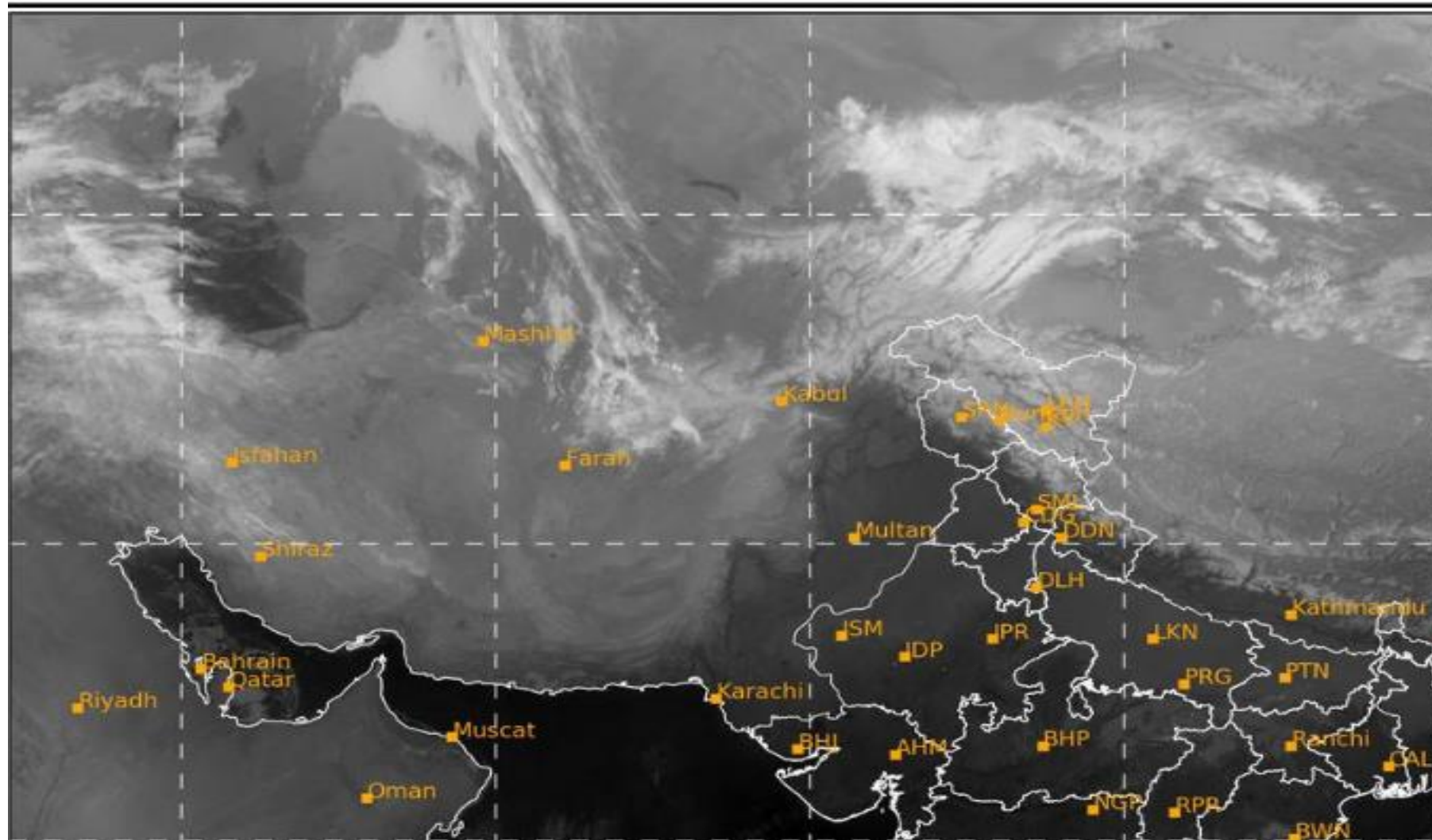
SAT : INSAT-3DR IMG

IMG_TIR1 10.8 um

L1C Mercator

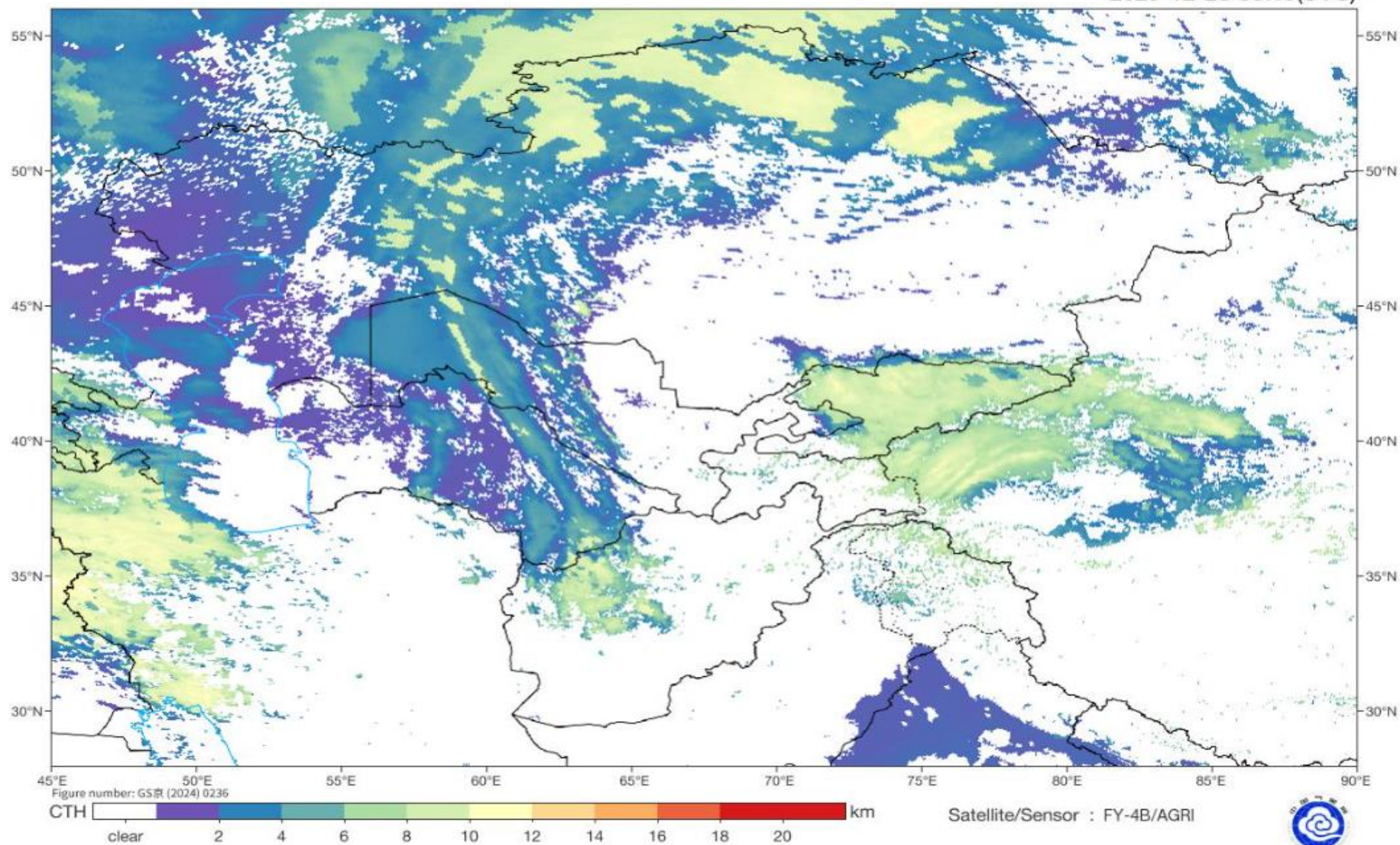
23-12-2025/(0315 to 0342) GMT

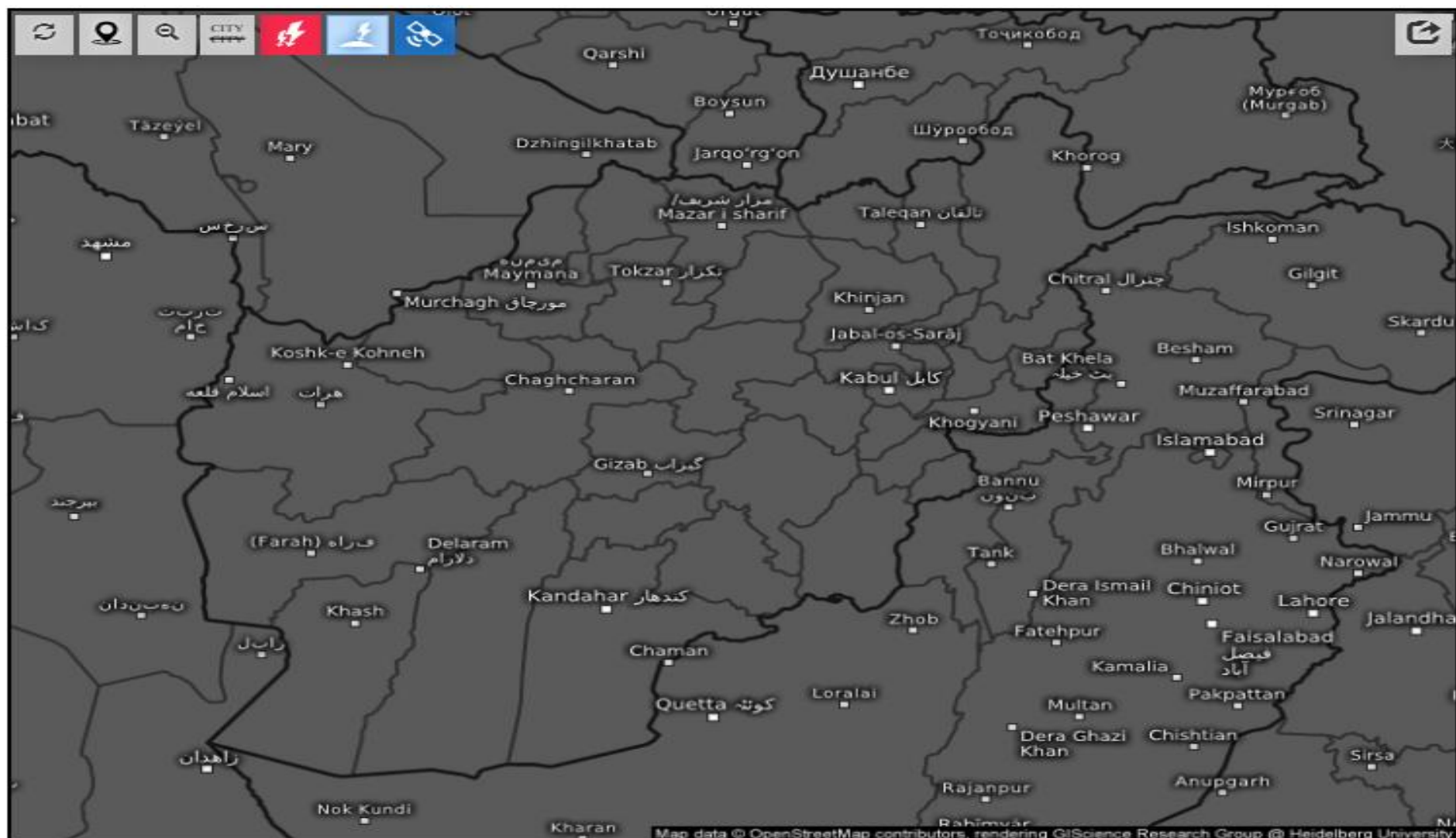
23-12-2025/(0845 to 0912) IST



Cloud Top Height

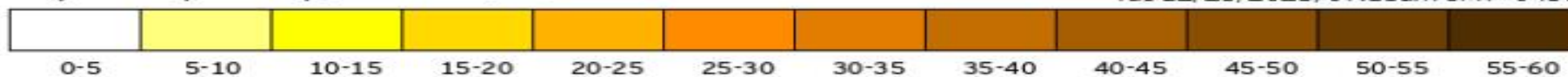
2025-12-23 03:15(UTC)





Age of lightning (minutes) 

Tue 12/23/2025, 07:15am GMT+0430



Fog Identification

2025-12-23 03:30(UTC)

