



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



Satellite General Management

Daily reports of Satellite imagery analysis. Date & Time: 14/12/2025, 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	√ moderate	X	X	
2	South	✓	X	X	✓	X	√ moderate	X	X	
3	West	✓	X	X	✓	X	√ moderate	X	X	
4	East	X	X	X	✓	X	√ moderate	X	X	
5	central	✓	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	✓	X	√ moderate	X	X	
9	Southwest	✓	X	X	✓	X	√ moderate	X	X	

- **Details:** According to satellite imagery analysis, the southern, western, southwestern central, regions have cold air mass. The northern, southern, western, eastern, central, northeastern, southeastern, northwestern, southwestern regions have cloudy sky. The all regions have moderate water vapor.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-12-13 18:45

AirMass

Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)
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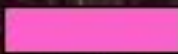
R = WV
G = IR
B = WV

FY-4B AirMass RGB Composite (From WMO)

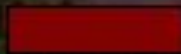


UTC : 2025-12-13 18:30

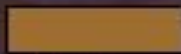
Dust



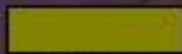
Dust



High-level cloud



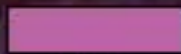
Thick,
mid-level cloud



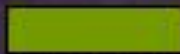
Thin,
mid-level cloud



Ocean



Land



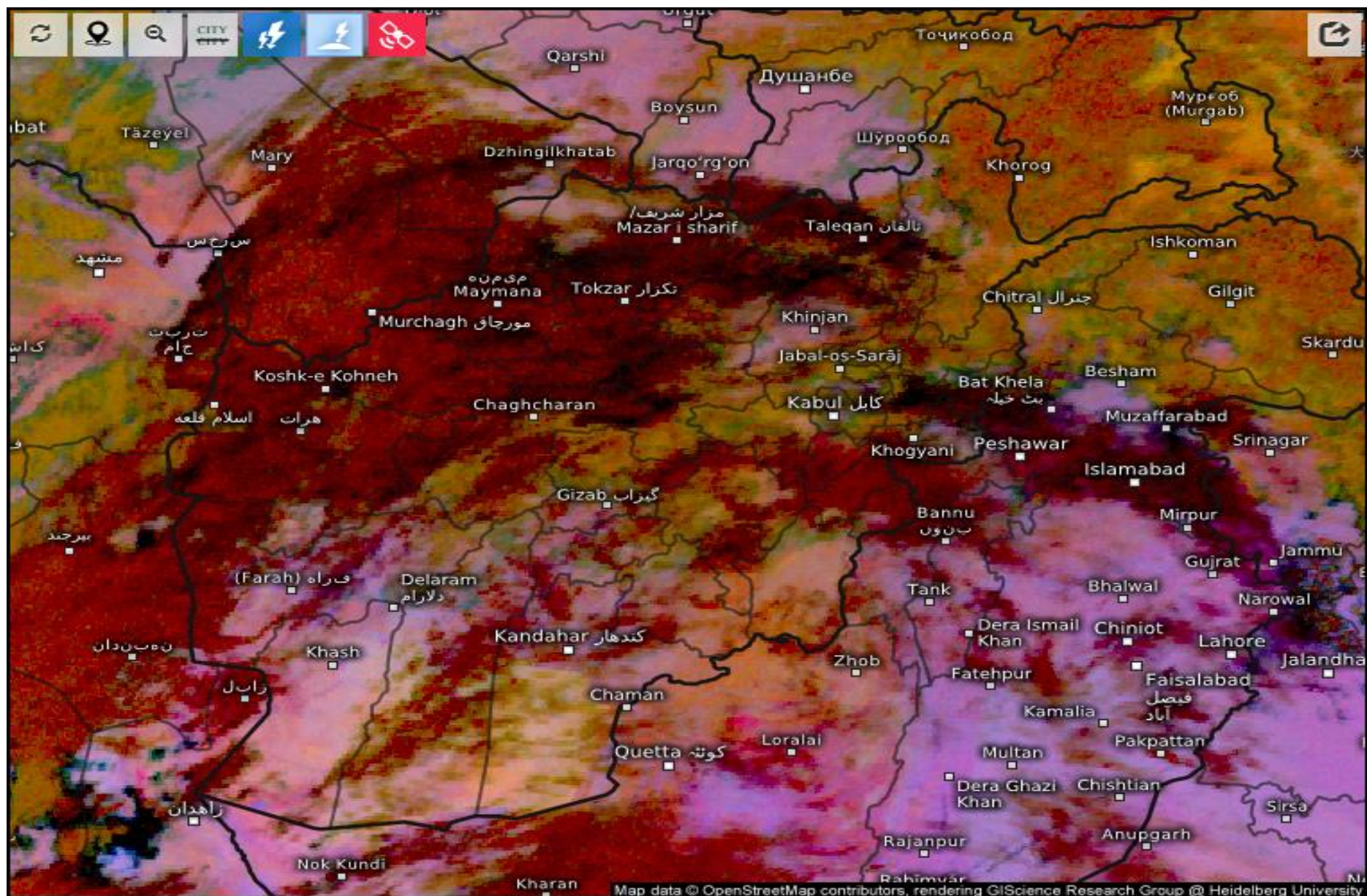
Low-level cloud

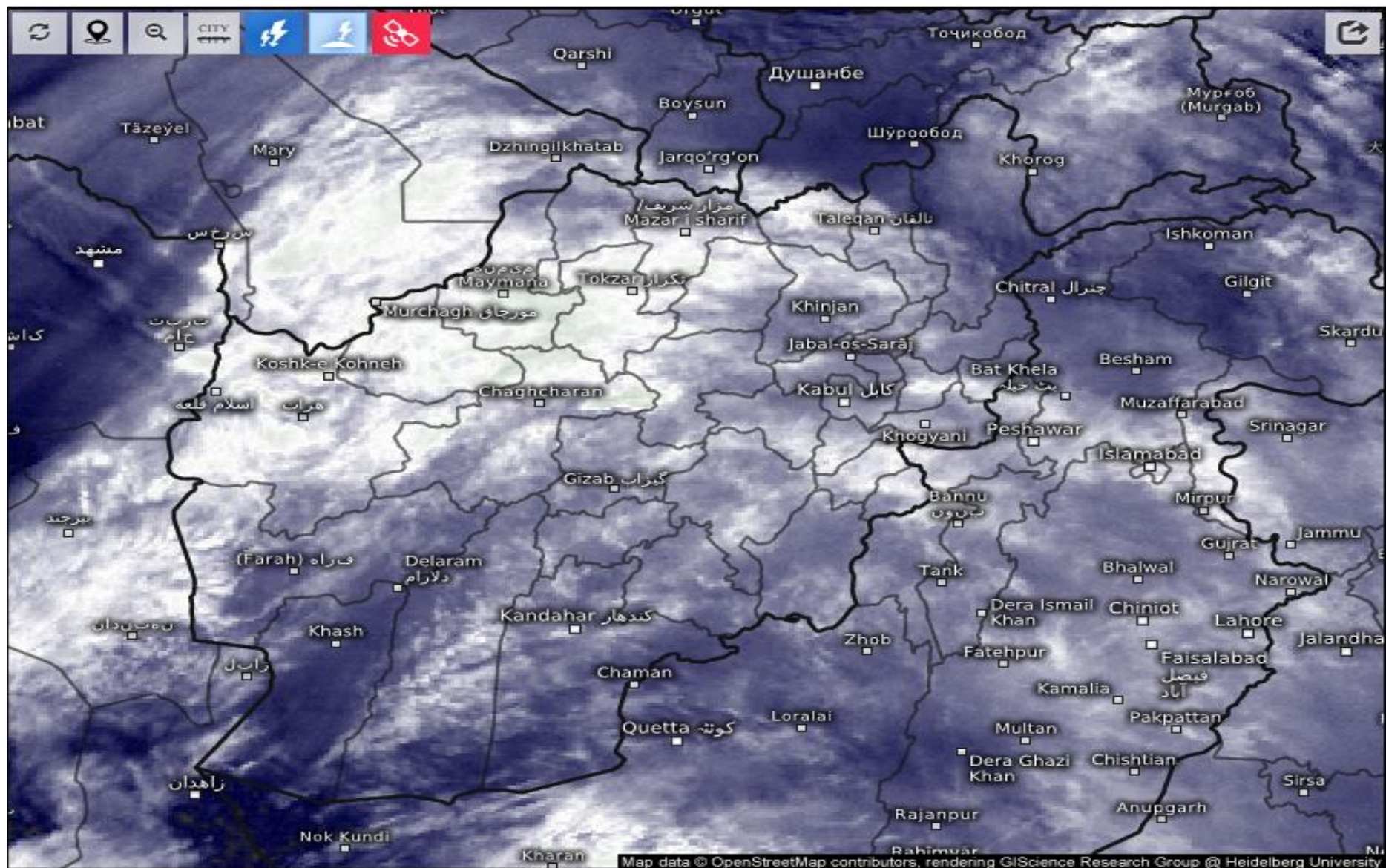


Cirrus

FY-4B Dust RGB Composite (From WMO)

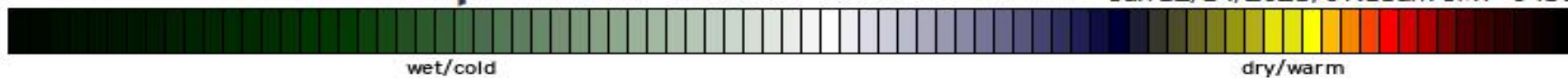






Satellite Water Vapor

Sun 12/14/2025, 07:15am GMT+0430



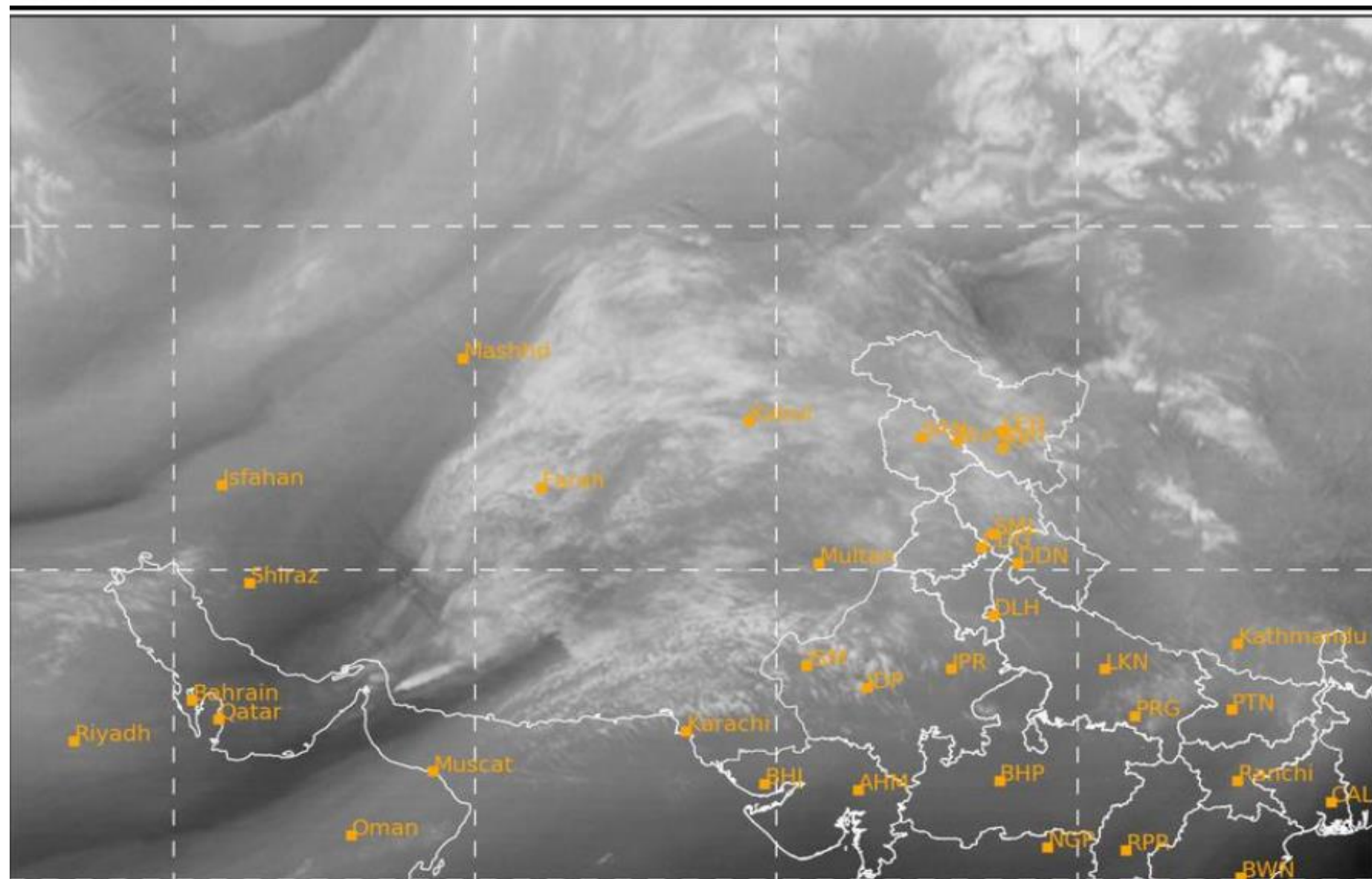
SAT : INSAT-3DR IMG

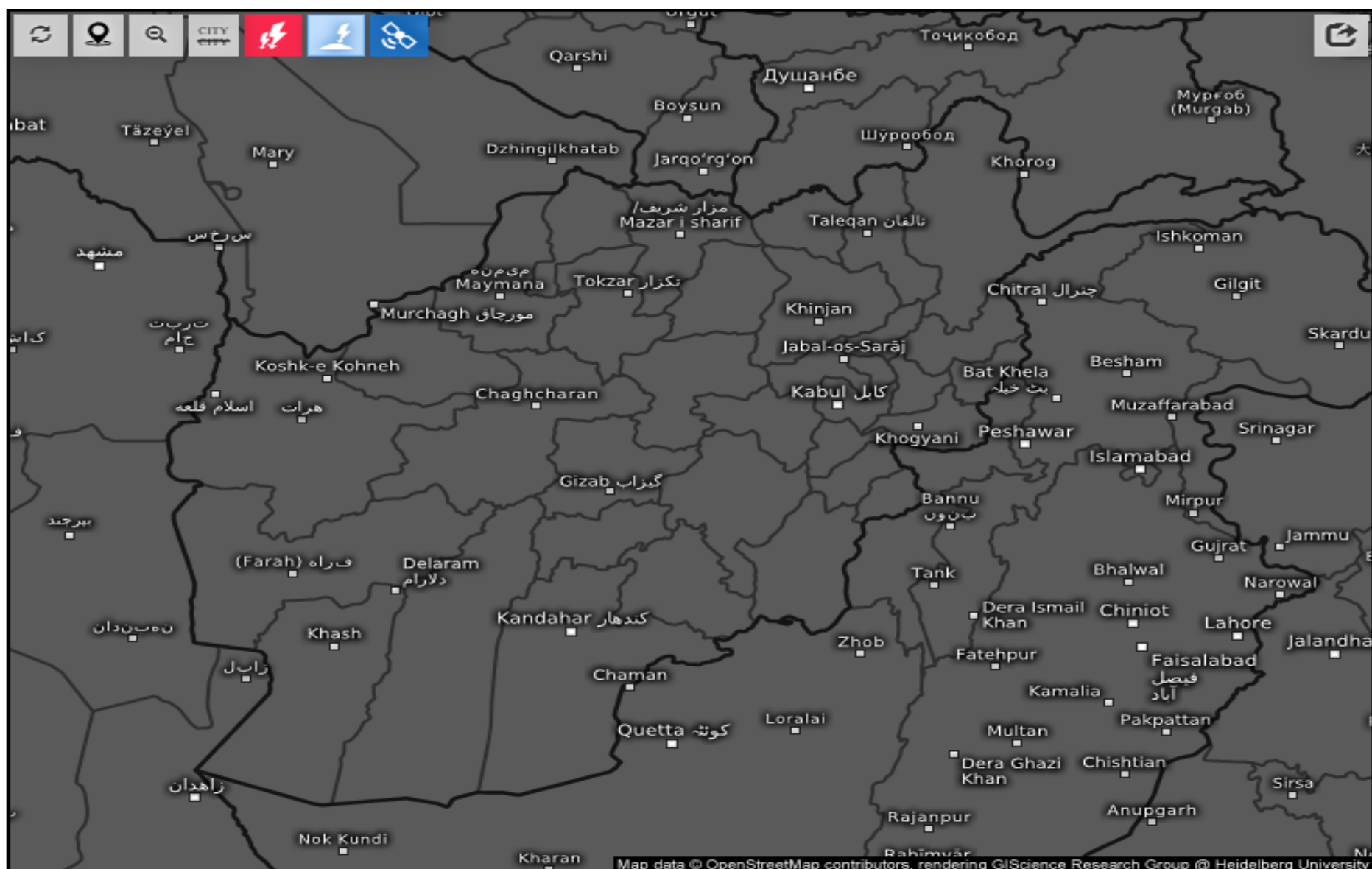
IMG_WV 6.8 um

L1C Mercator

14-12-2025/(0415 to 0442) GMT

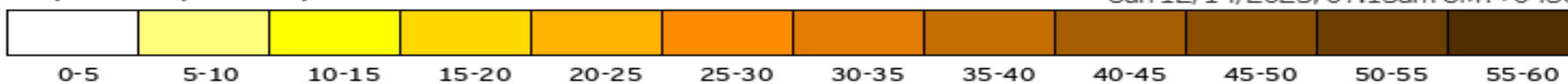
14-12-2025/(0945 to 1012) IST





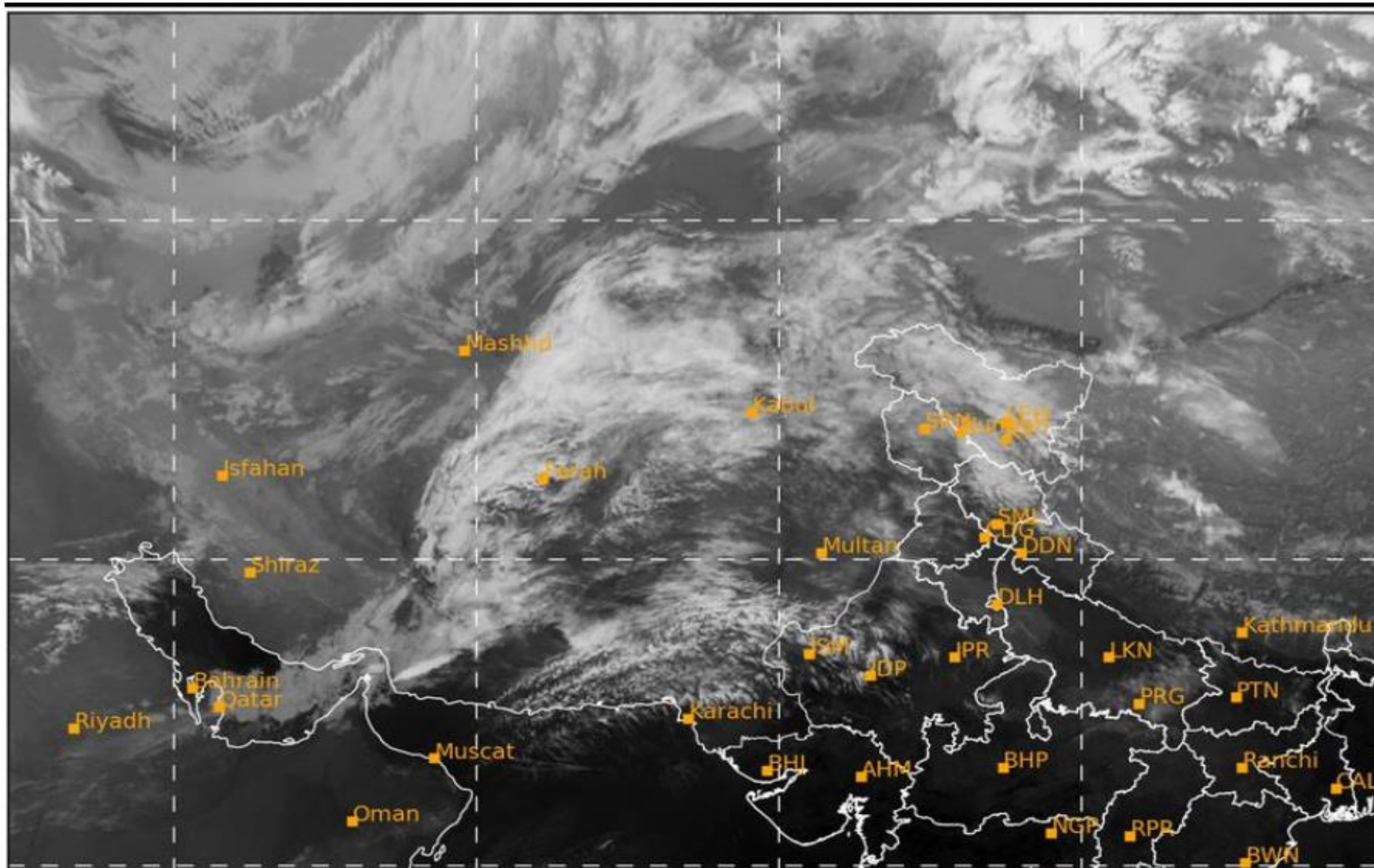
Age of lightning (minutes) 

Sun 12/14/2025, 07:15am GMT+0430



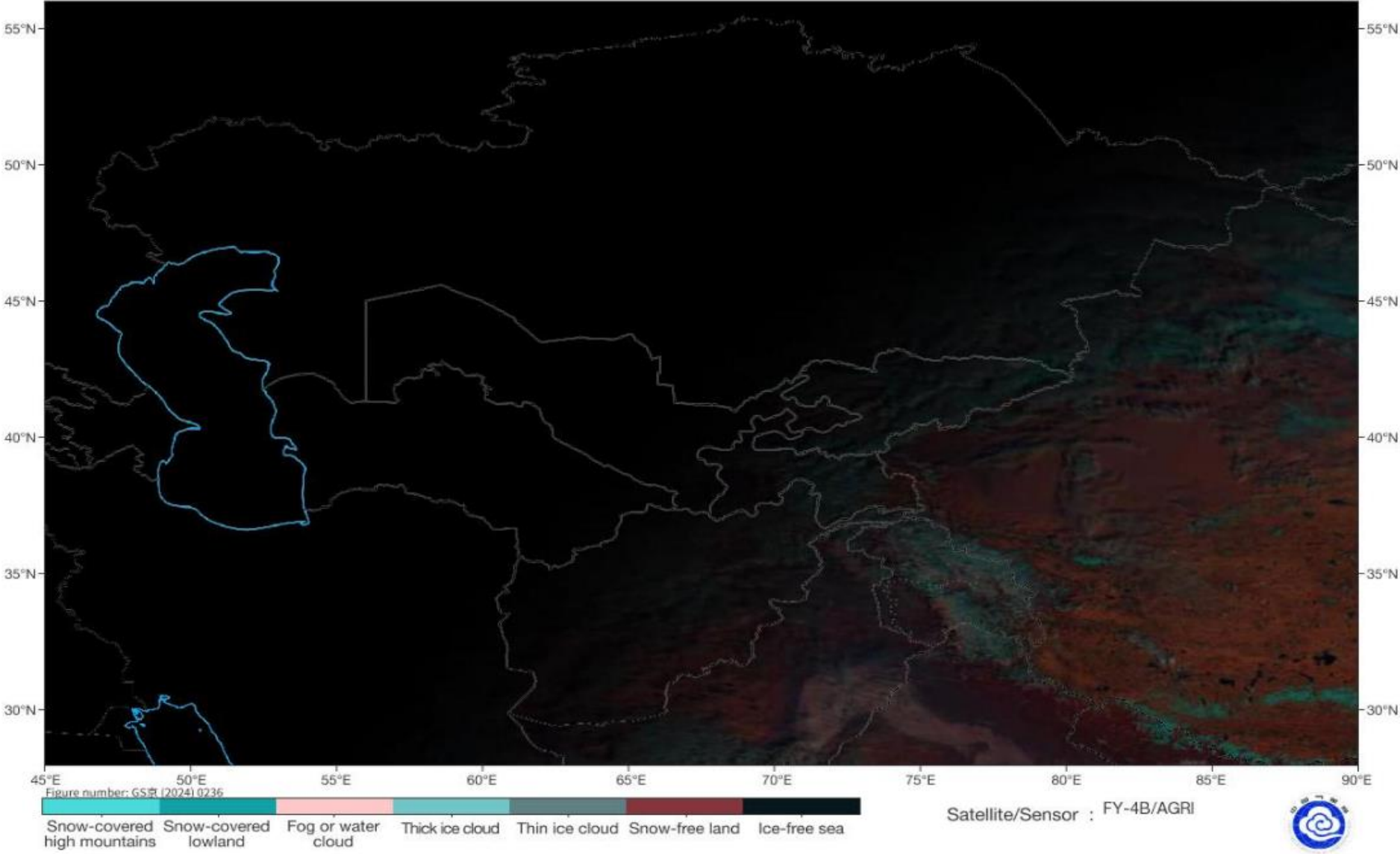
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

14-12-2025/(0415 to 0442) GMT
14-12-2025/(0945 to 1012) IST



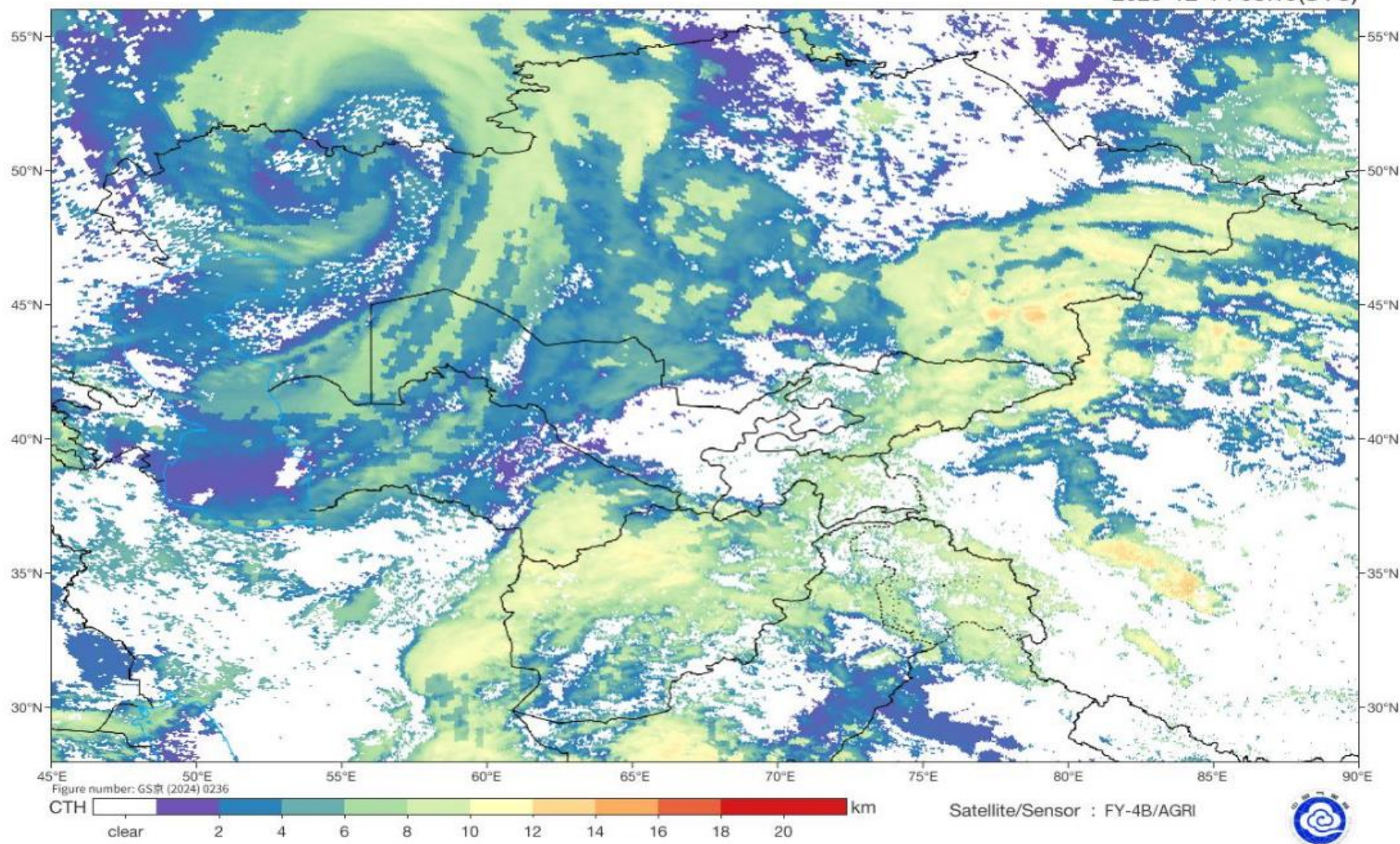
Fog Identification

2025-12-14 03:30(UTC)



Cloud Top Height

2025-12-14 03:15(UTC)



Live satellite map, Afghanistan

