



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



Daily reports of Satellite imagery analysis. Date & Time: 21/12/2025, 09:00 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	✓	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	√ moderate	X	X	
7	Southeast	✓	X	X	✓	X	√ moderate	X	X	
8	Northwest	✓	X	X	✓	X	√ moderate	X	X	
9	Southwest	✓	X	X	✓	X	√ moderate	X	X	

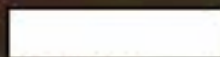
Details: according to satellite imagery analysis the western, central, northeastern, northwestern and southwestern regions have cold air mass also the southeastern region have warm air mass (Low UTH). The northern, southern, western, eastern, central, northeastern, northwestern and southwestern regions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

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

- Reported by: Esmatullah Mohammadi

UTC: 2025-12-20 22:00

AirMass

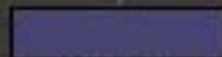


Thick,
high-level cloud



Thick,

mid-level cloud



Thick,

low-level cloud



Jet



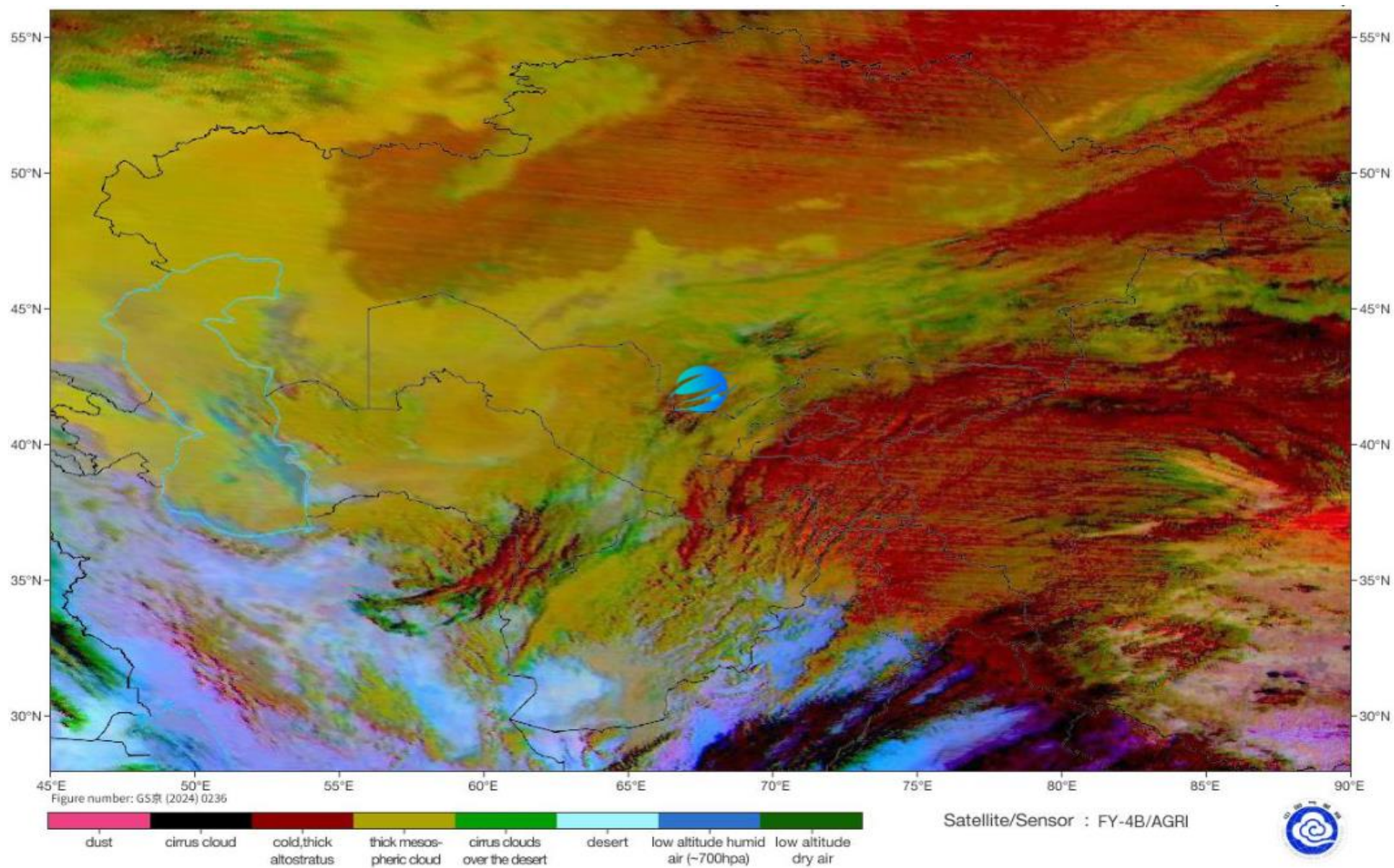
Cold Airmass

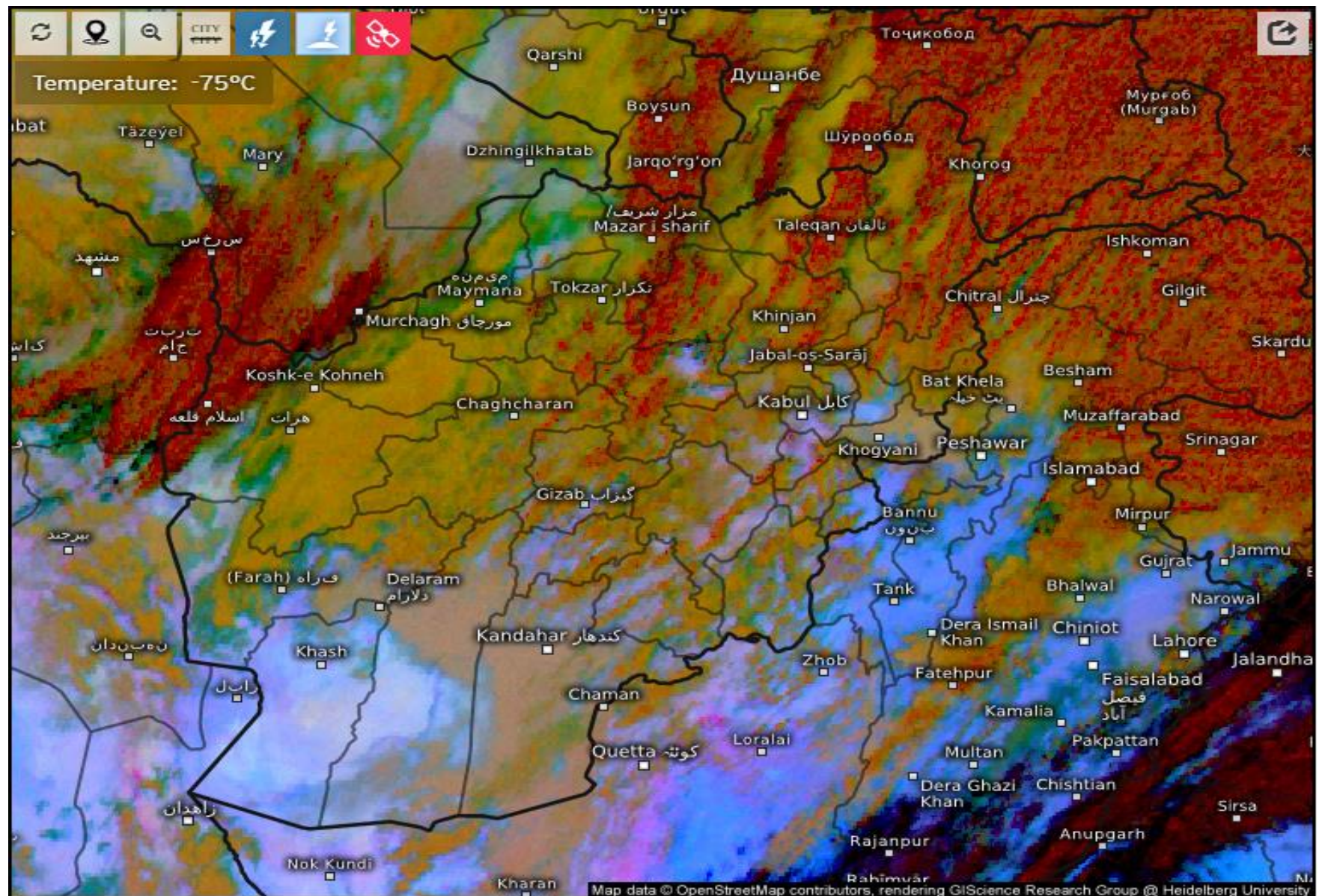


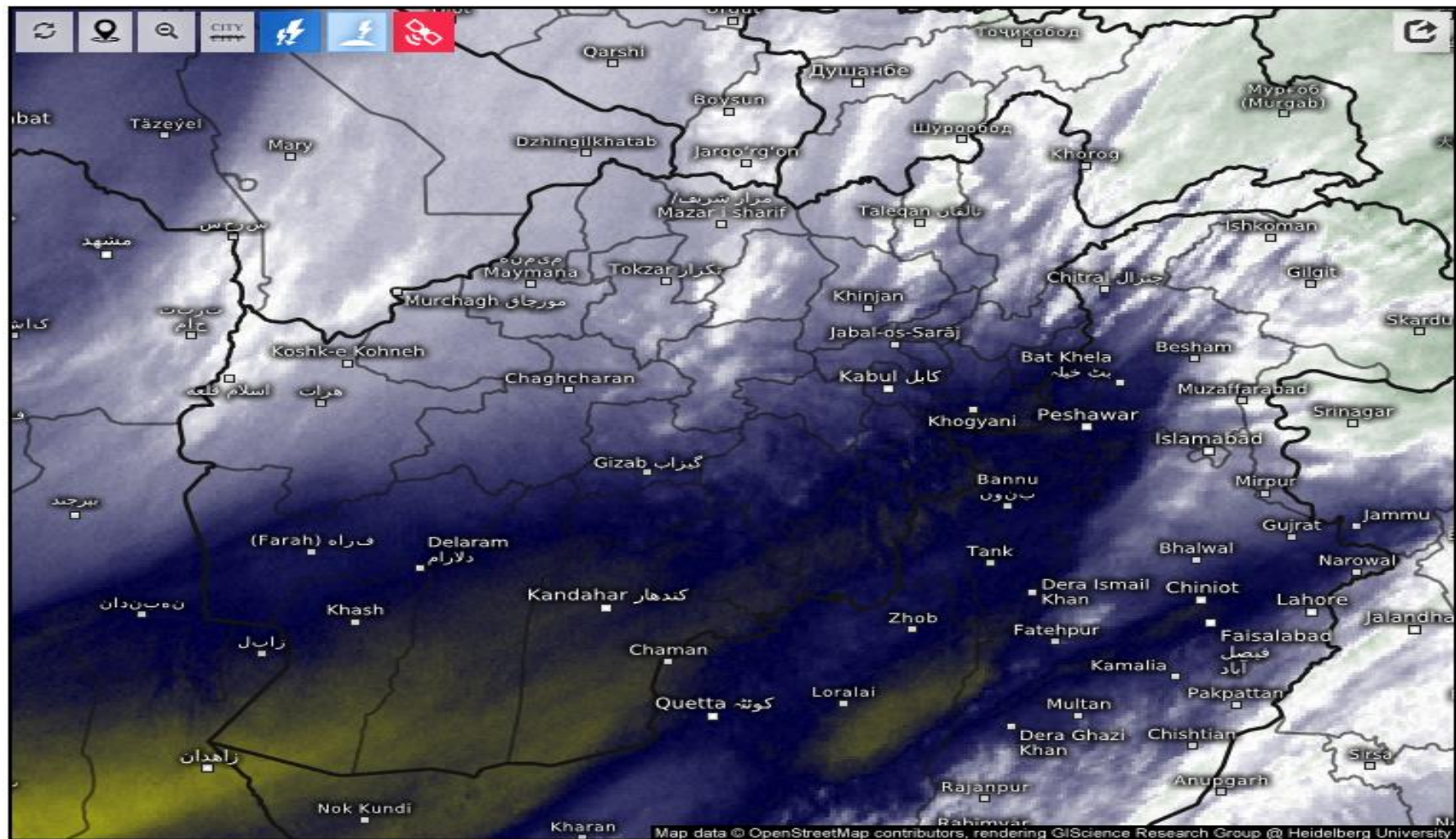
Warm Airmass
(high UTH)

FY-4B AirMass RGB Composite (From









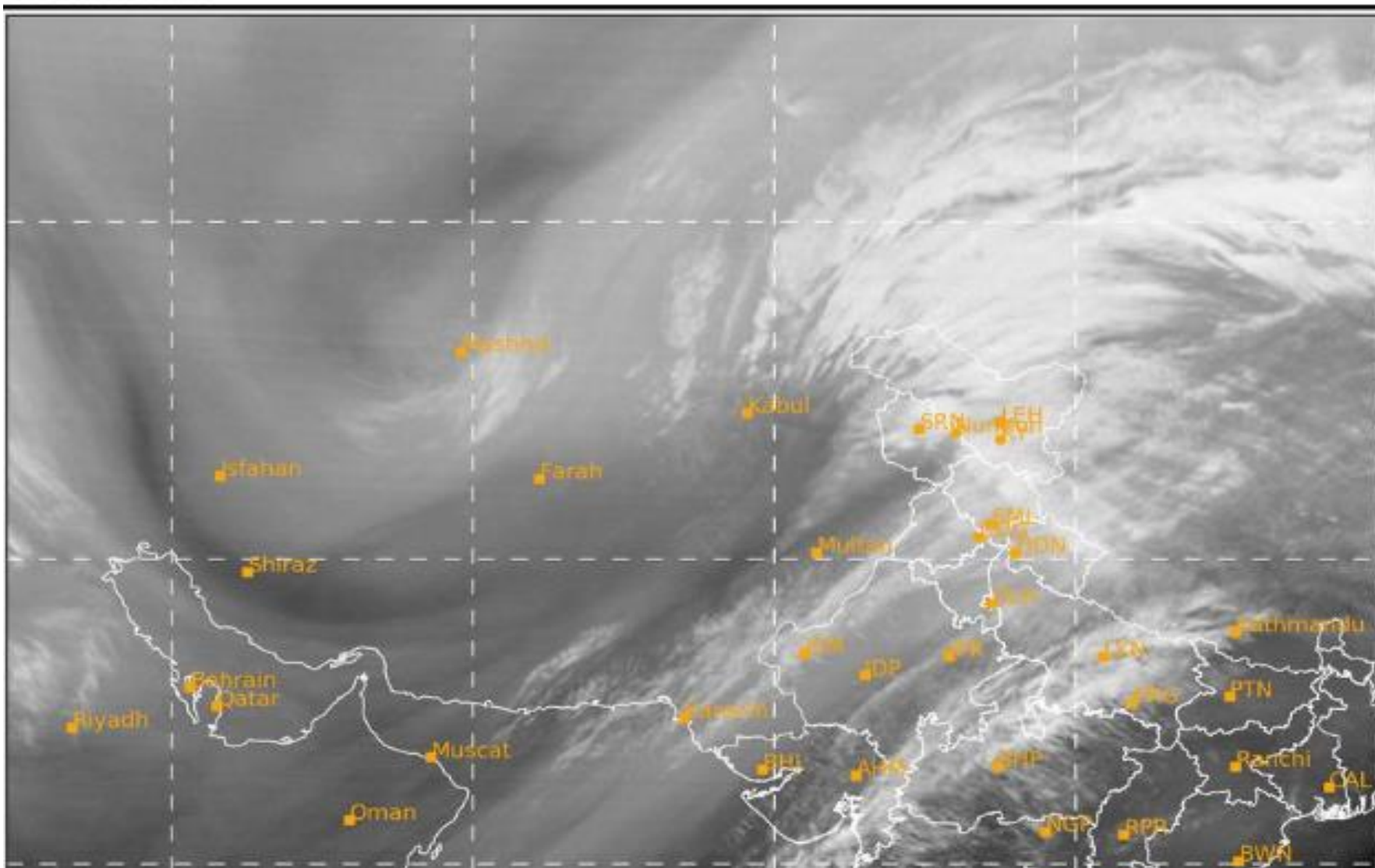
Satellite Water Vapor

Sun 12/21/2025, 01:15pm GMT+0430



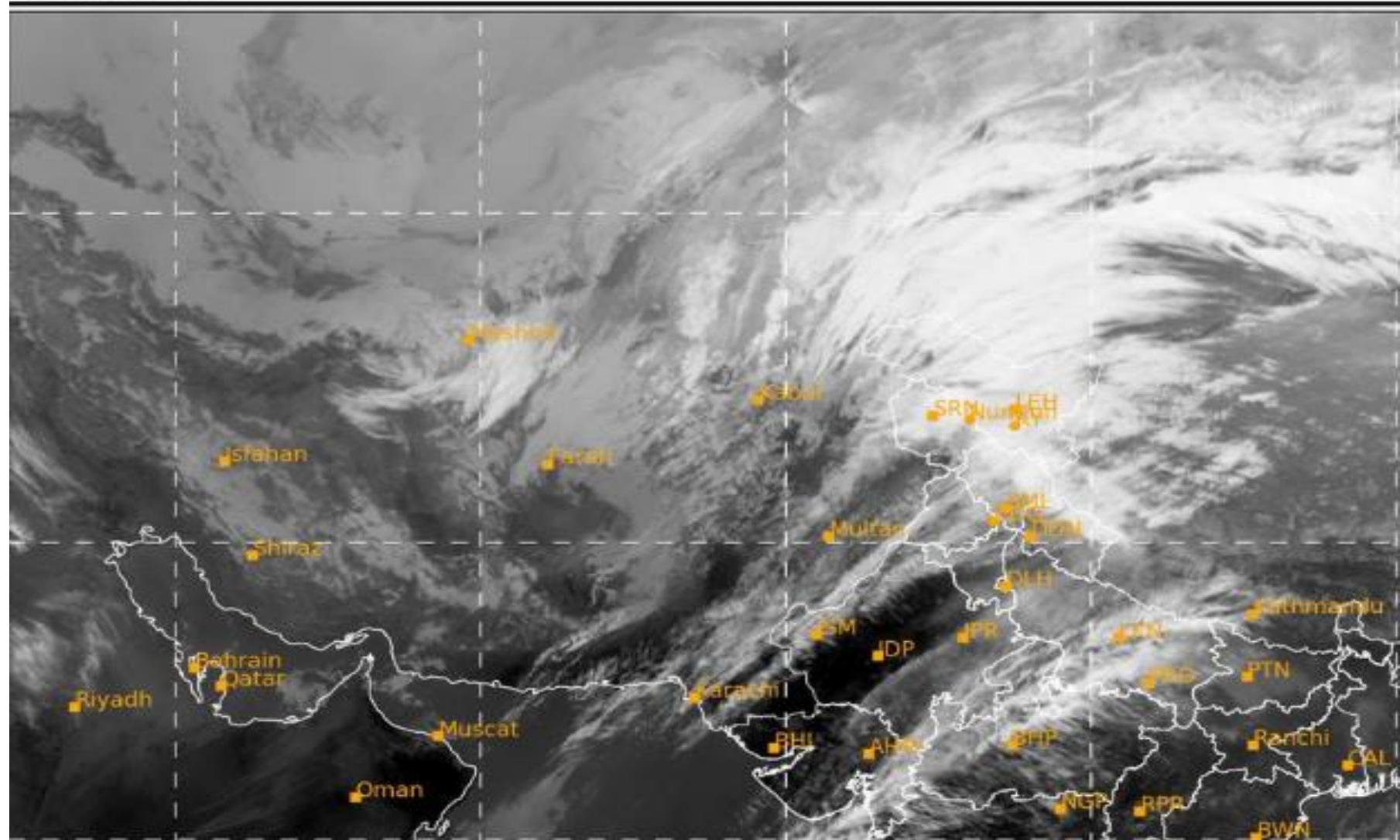
L1C Mercator

21-12-2025/(1345 to 1412) IST

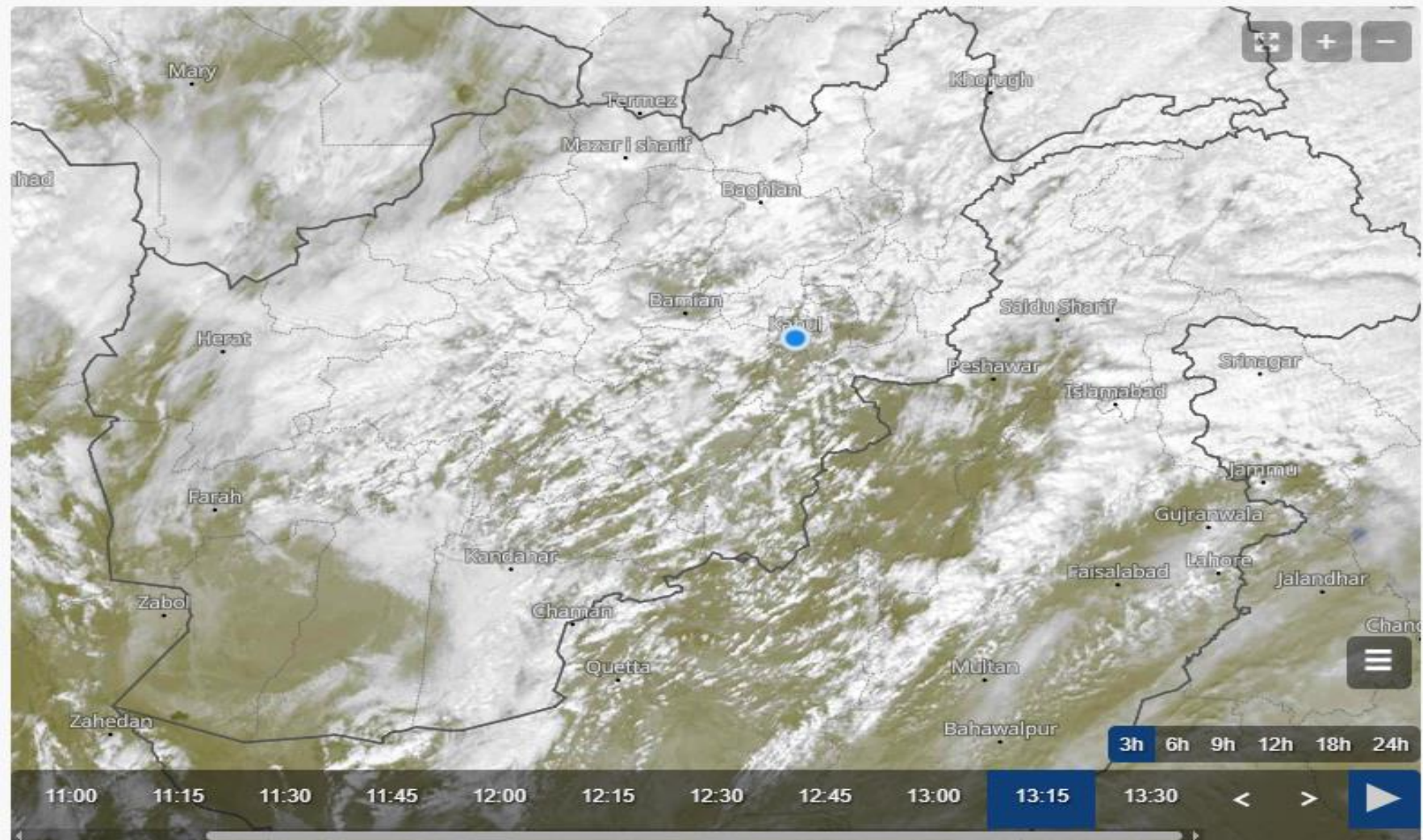


SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

21-12-2025/(0815 to 0842) GMT
21-12-2025/(1345 to 1412) IST

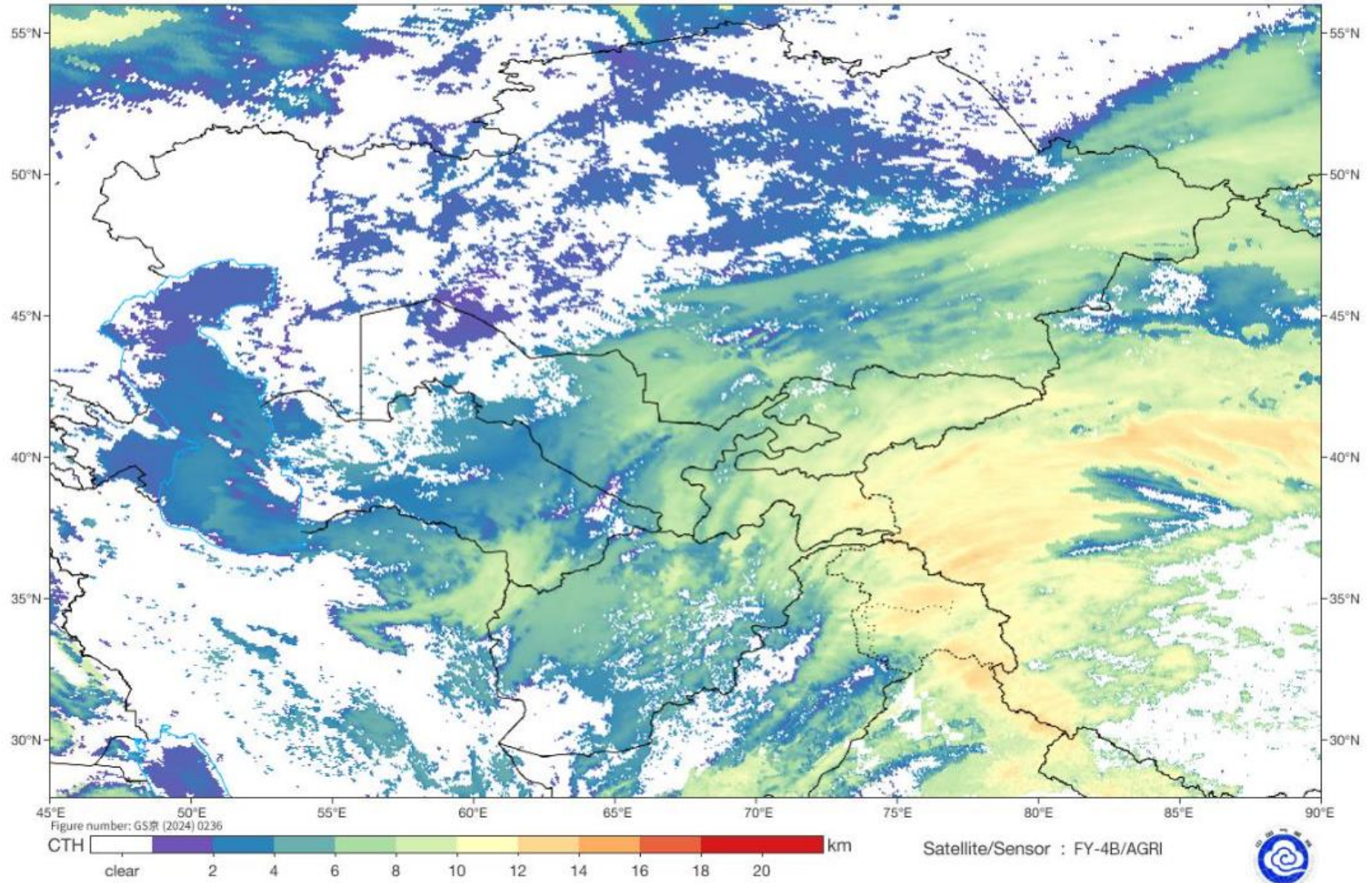


Live satellite map, Afghanistan



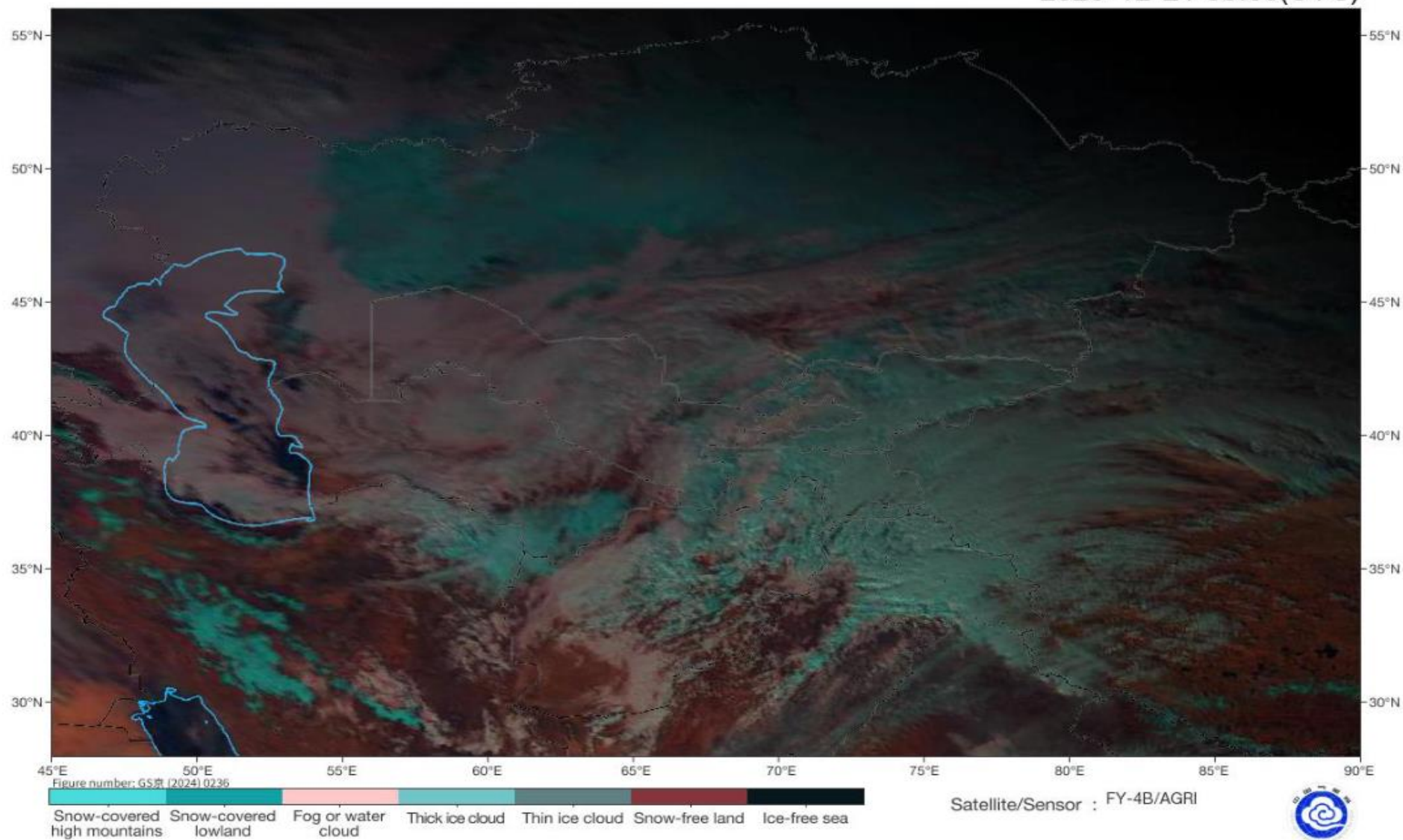
Cloud Top Height

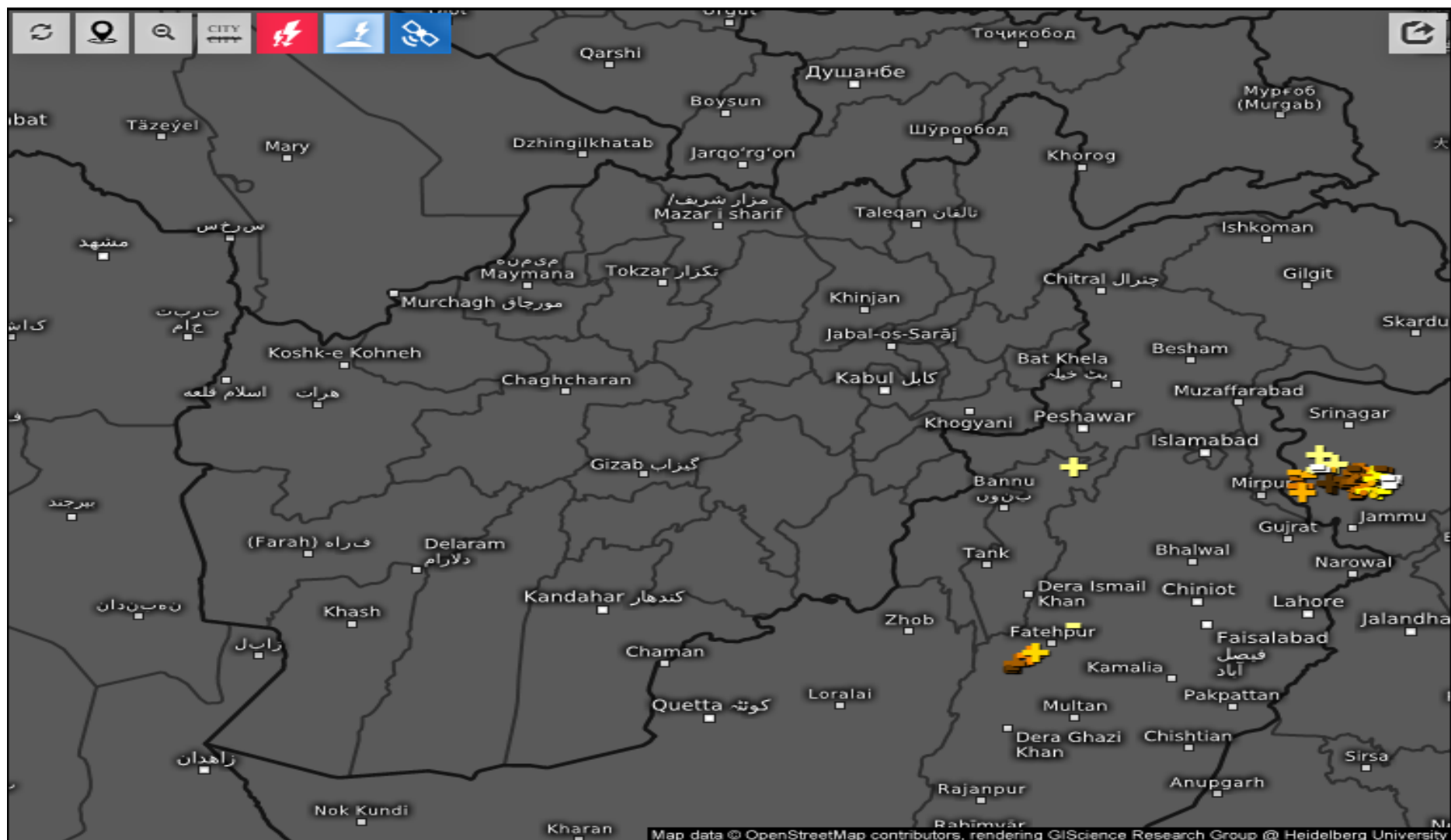
2025-12-21 09:00(UTC)



Fog Identification

2025-12-21 09:00(UTC)





Age of lightning (minutes) 

Sun 12/21/2025, 01:15pm GMT+0430

