



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, 06:00 UTC

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

- **Details:** According to satellite imagery analysis, the western, southwestern central, southwestern regions have cold air mass. The southeastern region have warm air mass with (low UTH). The northern, southern, western, eastern, central, northeastern, southeastern, northwestern regions have cloudy sky. The northern, western, southeastern, northwestern regions have Fog. The all regions have moderate water vapor with the exception of southern region have weak water vapor.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-12-20 18:15

AirMass

Thick,
high-level cloud

Thick,
mid-level cloud

Thick,
low-level cloud

Jet

Cold Airmass

Warm Airmass
(high UTH)

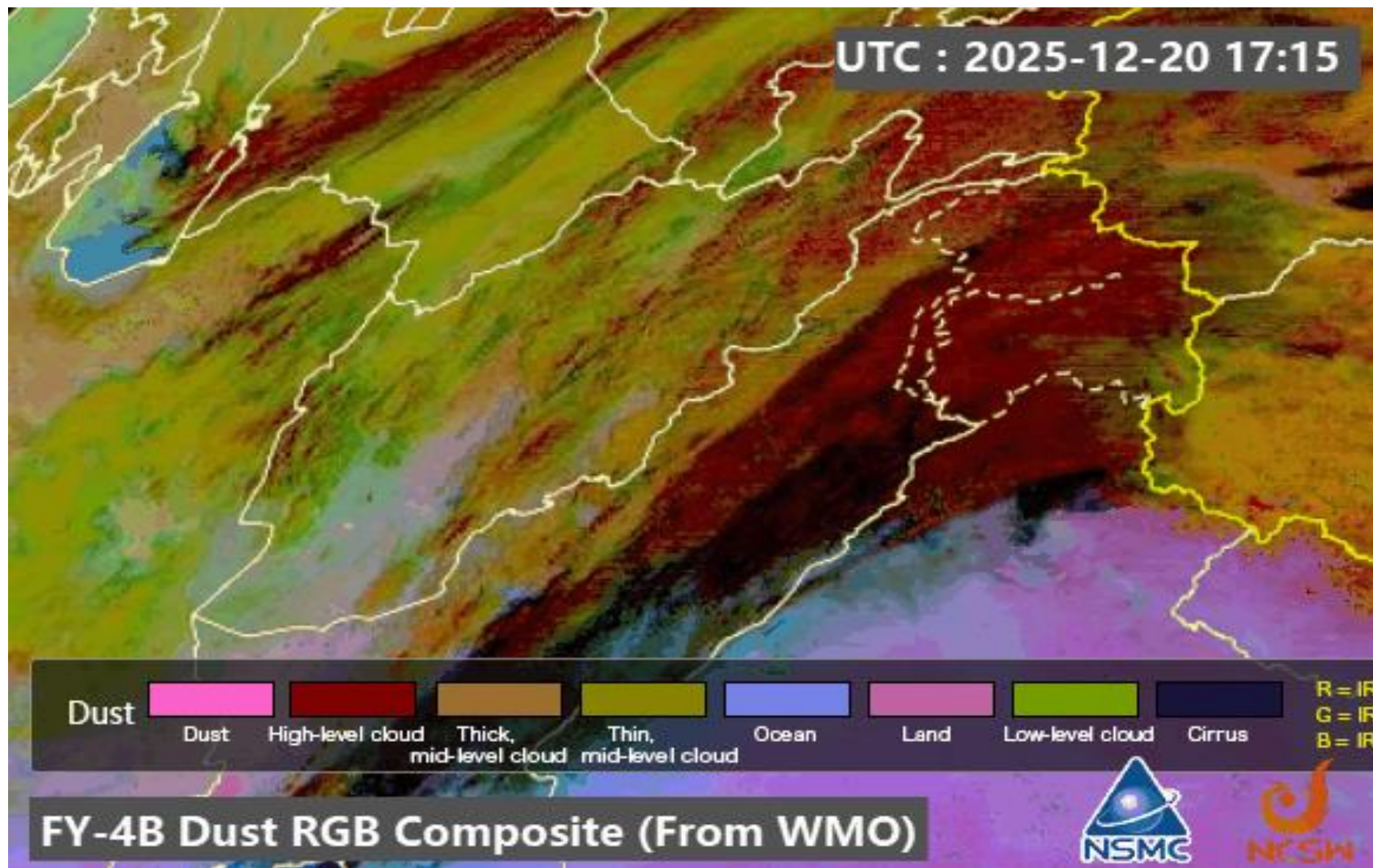
Warm Airmass
(low UTH)

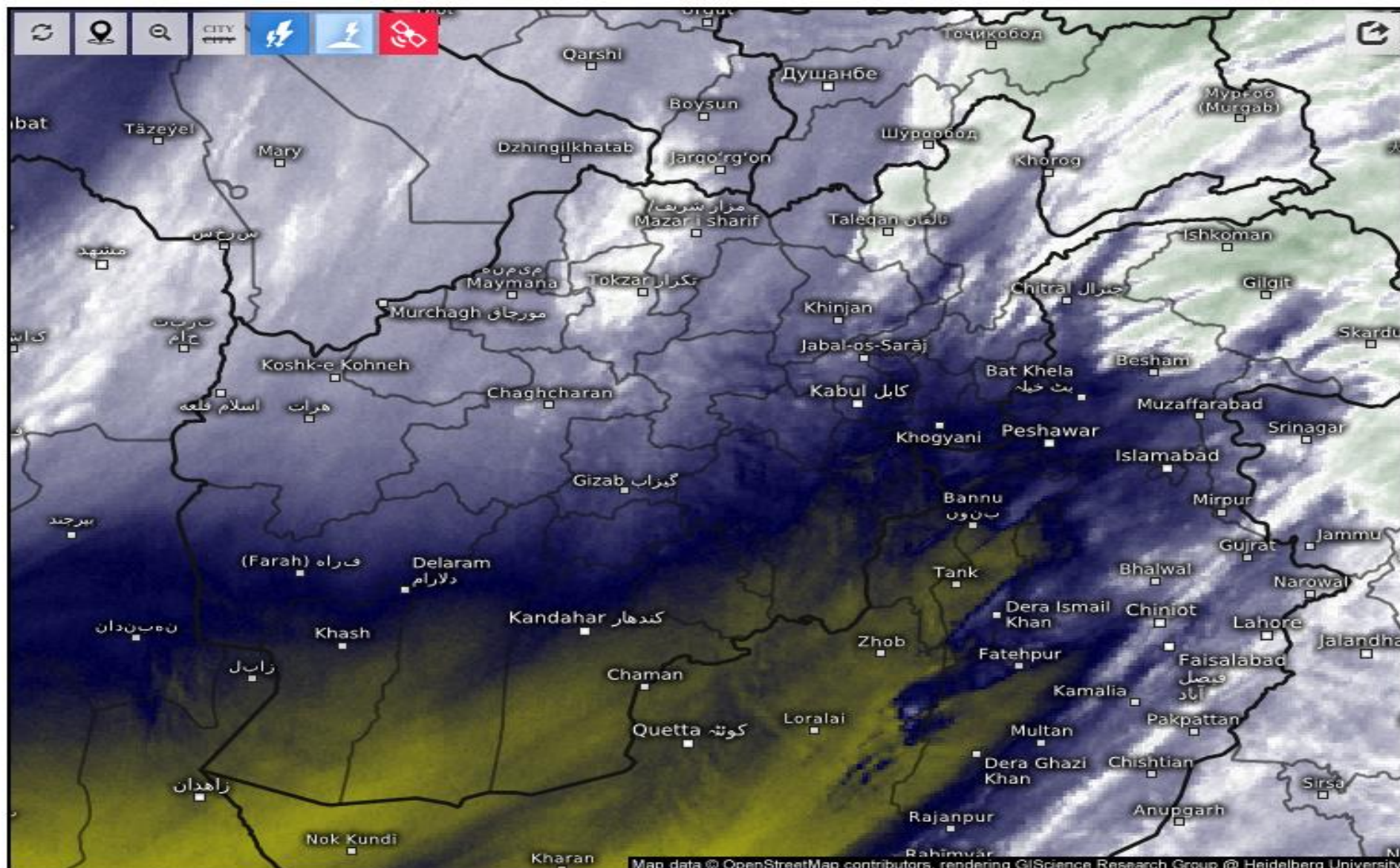
R=
G=
B=

FY-4B AirMass RGB Composite (From WMO)



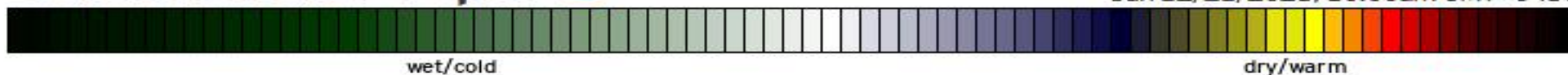
UTC : 2025-12-20 17:15





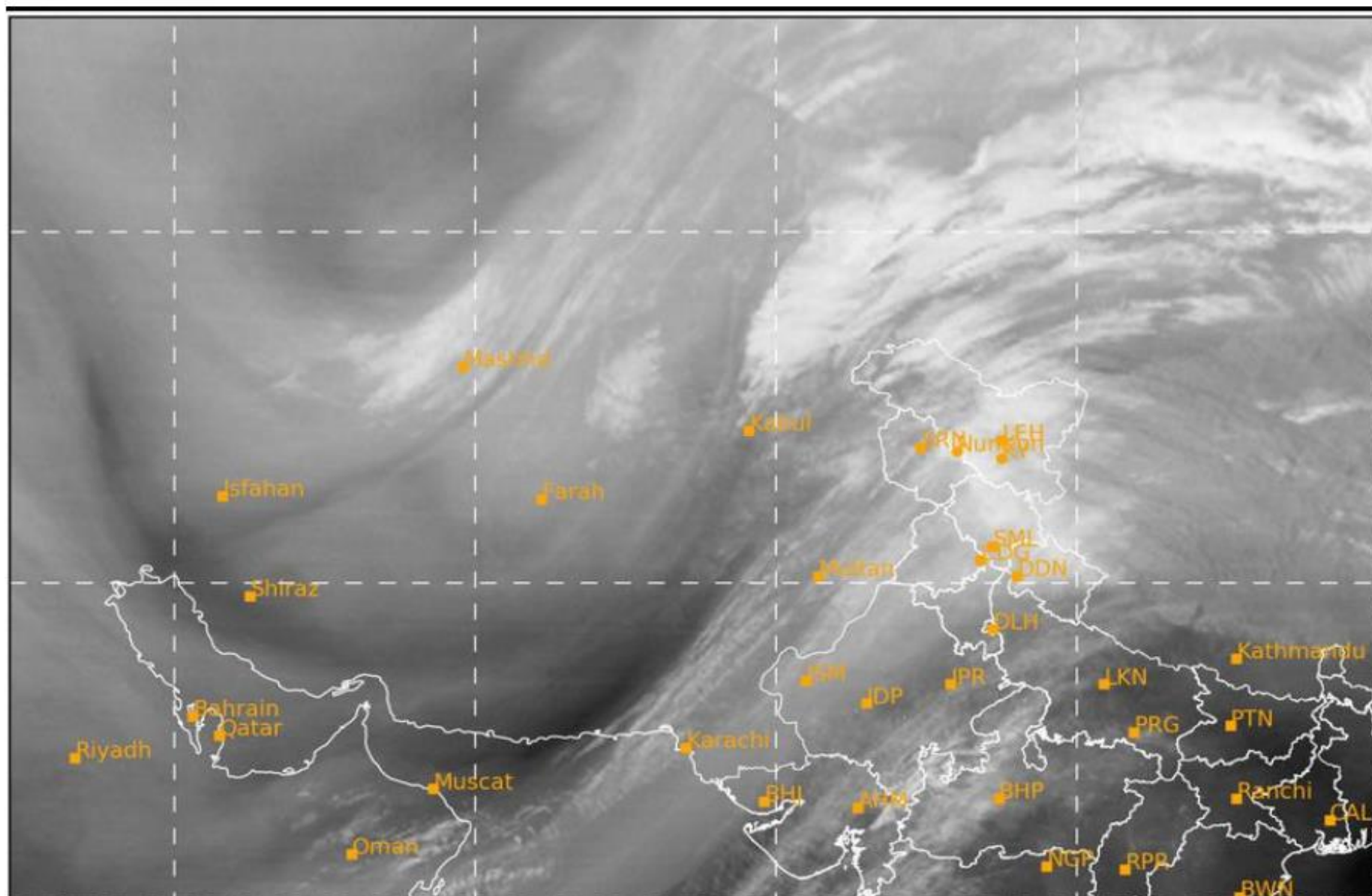
Satellite Water Vapor

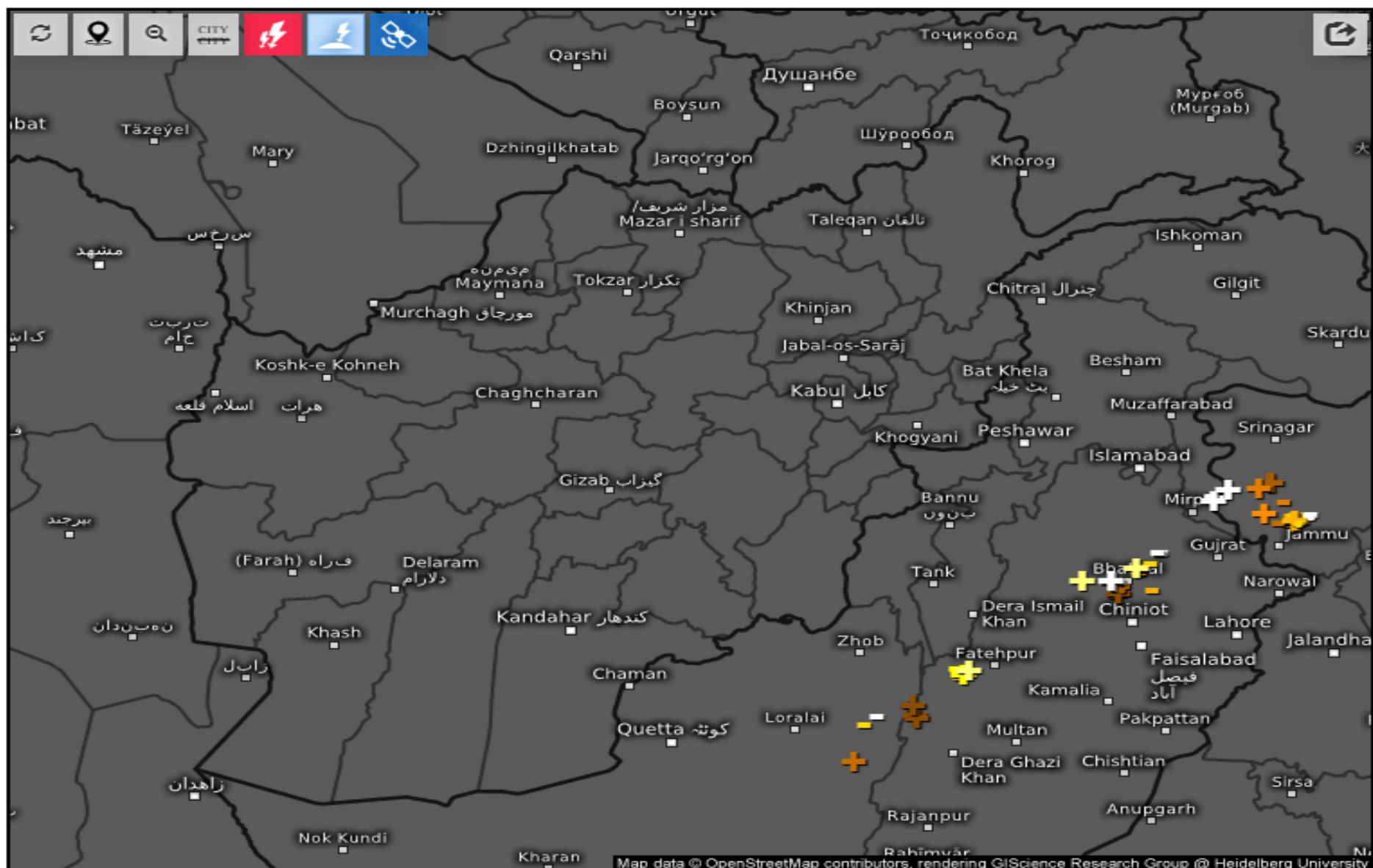
Sun 12/21/2025, 10:00am GMT+0430



L1C Mercator

21-12-2025/(0645 to 0712) IST





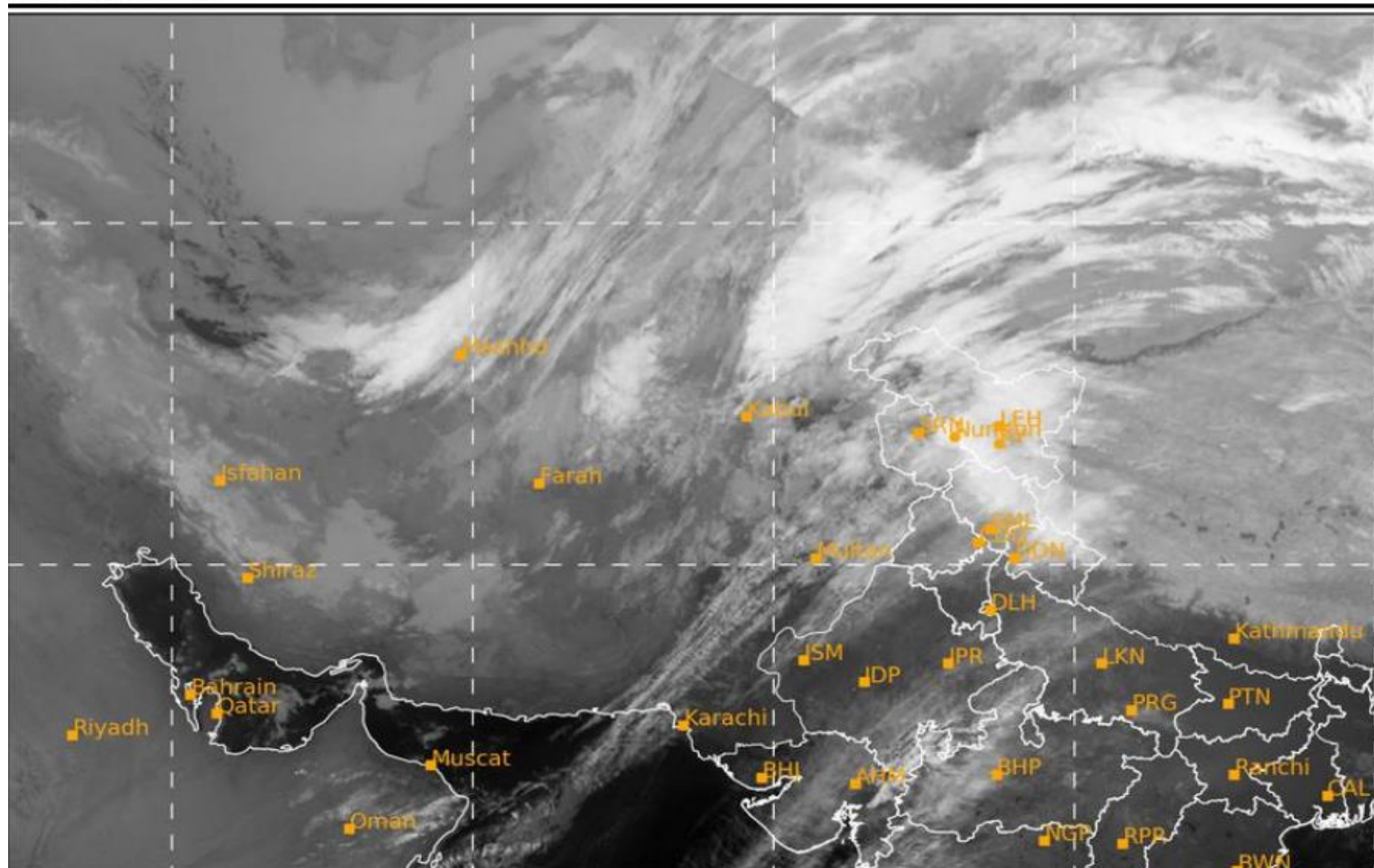
Age of lightning (minutes) 

Sun 12/21/2025, 10:10am GMT+0430



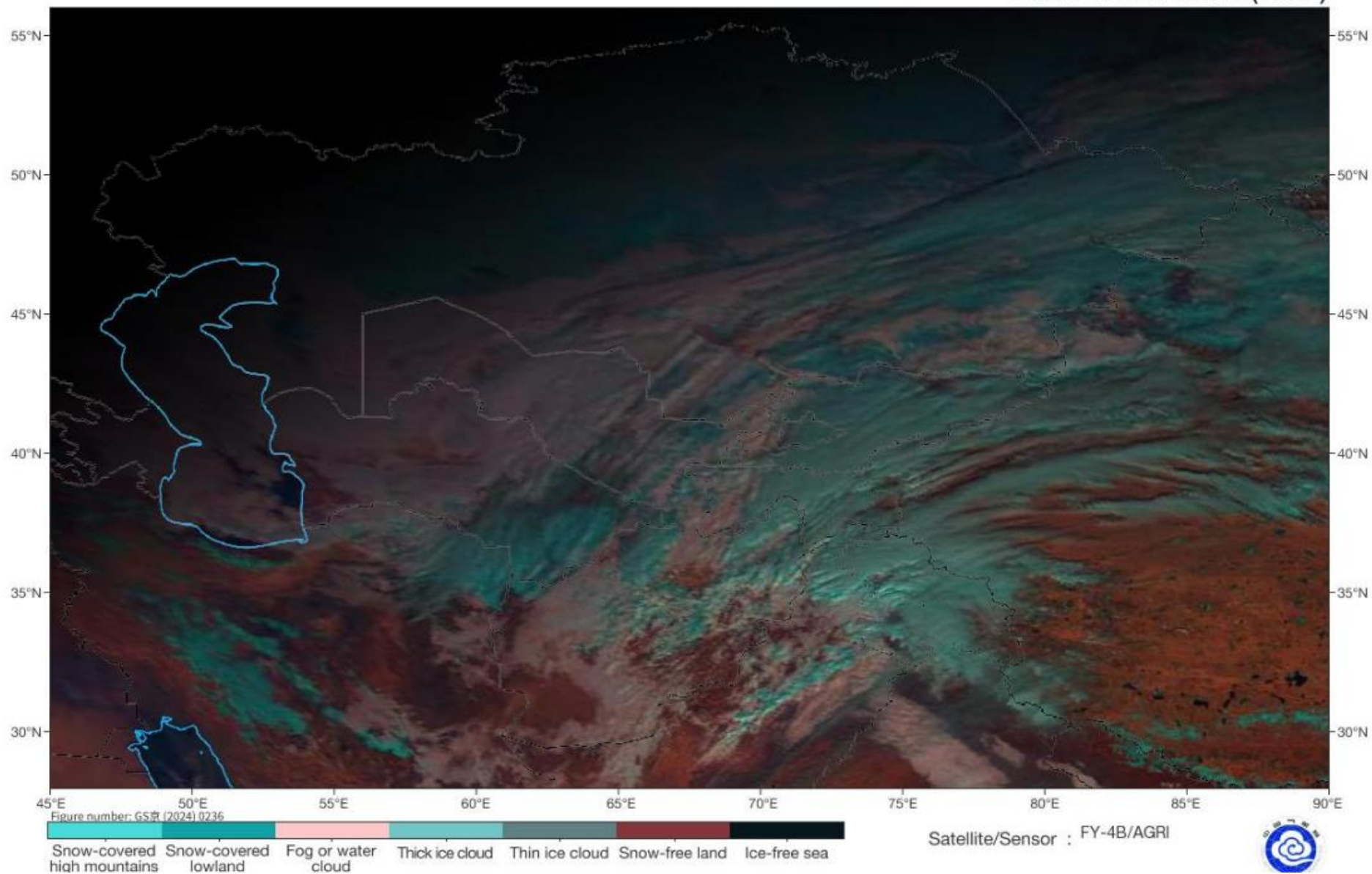
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

21-12-2025/(0115 to 0142) GMT
21-12-2025/(0645 to 0712) IST



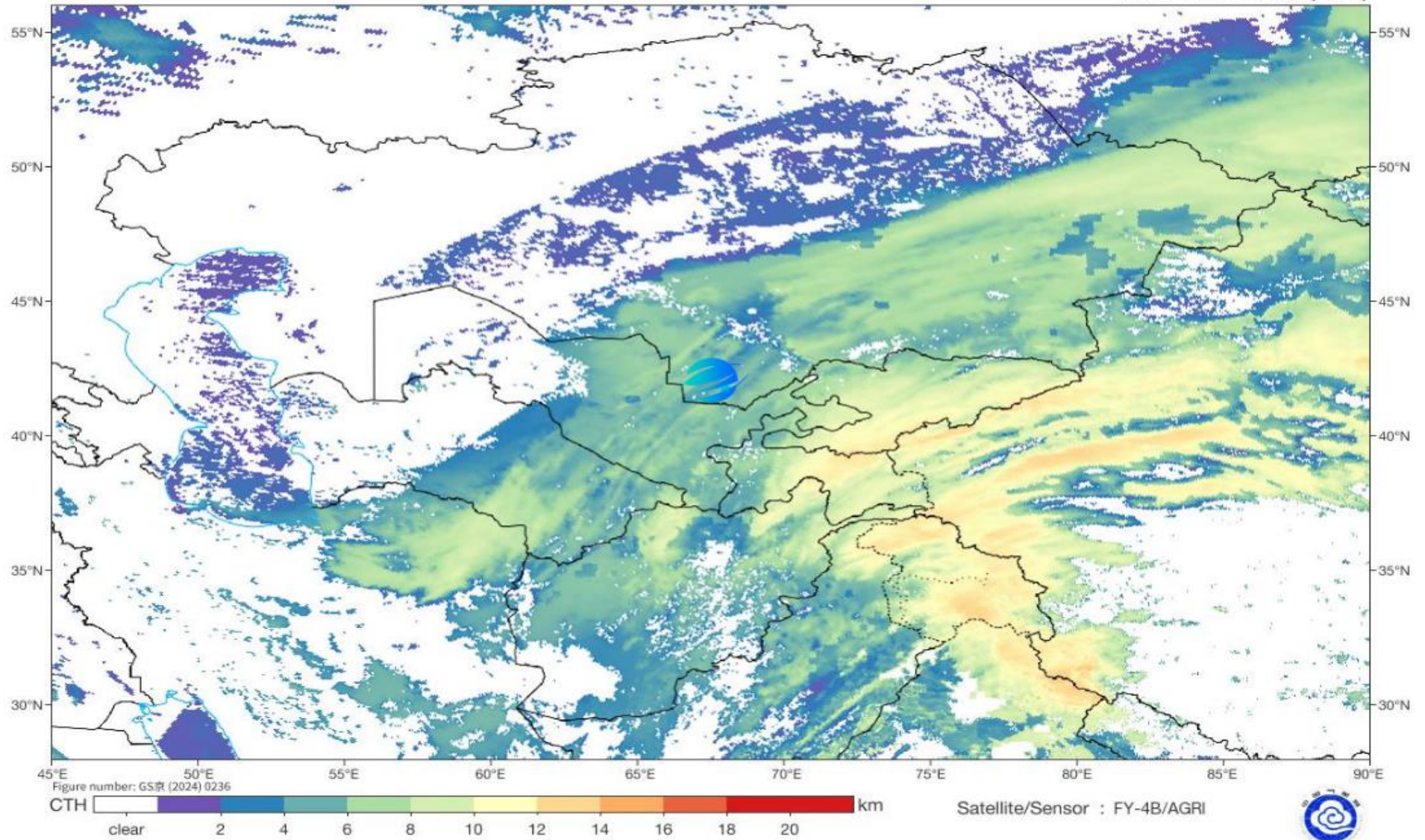
Fog Identification

2025-12-21 05:15(UTC)



Cloud Top Height

2025-12-21 05:15(UTC)



Live satellite map, Afghanistan

