



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



Satellite General Management

Daily reports of Satellite imagery analysis. Date & Time: 17/12/2025, 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 : 2025-12-16 16:45

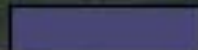
AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



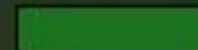
Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)

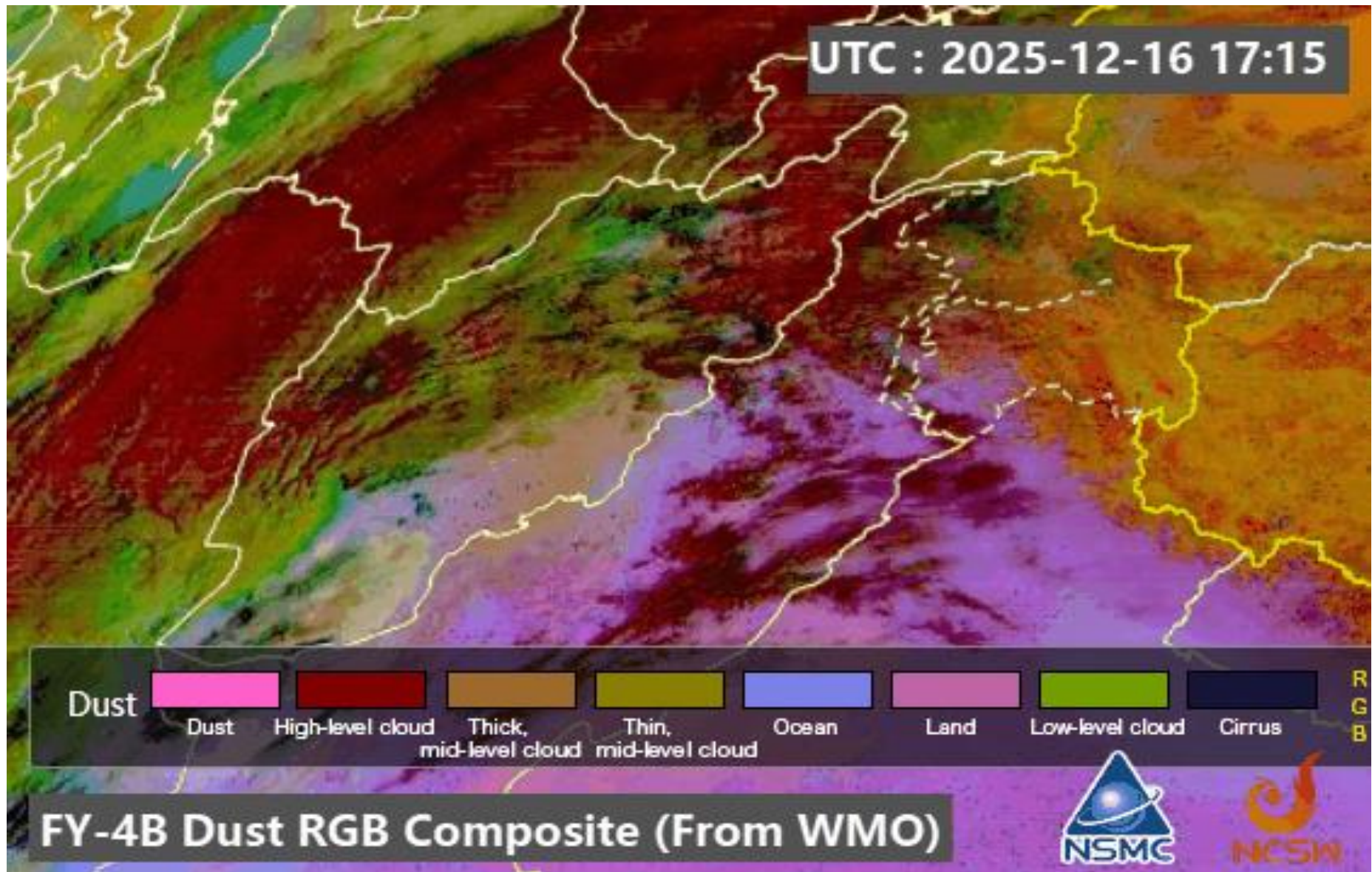


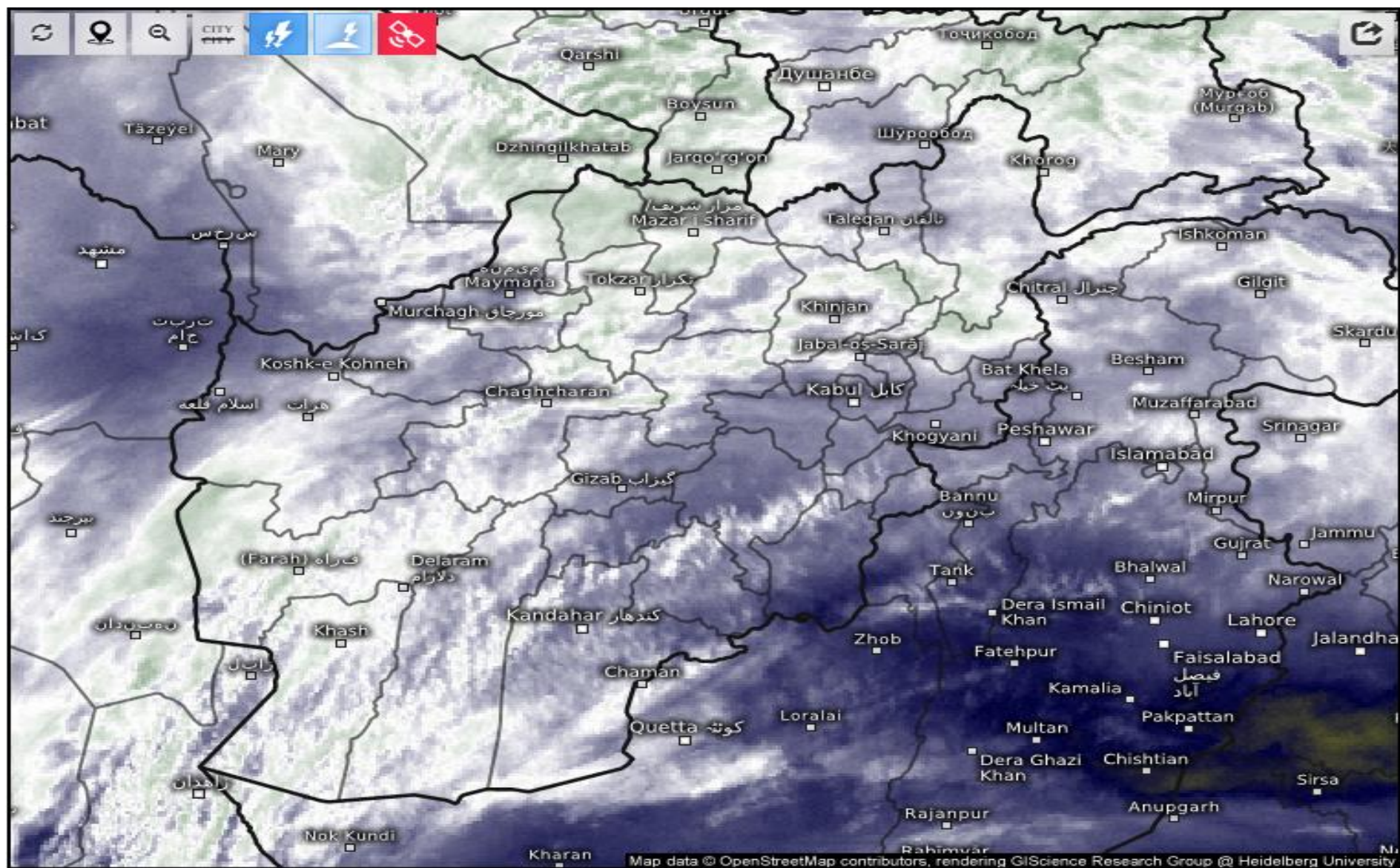
Warm Airmass
(low UTH)

FY-4B AirMass RGB Composite (From WMO)



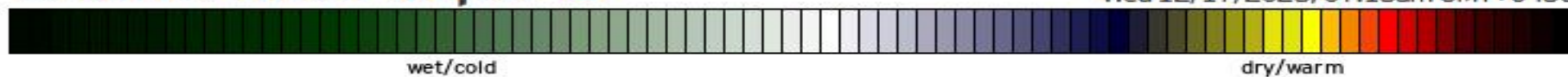
UTC : 2025-12-16 17:15





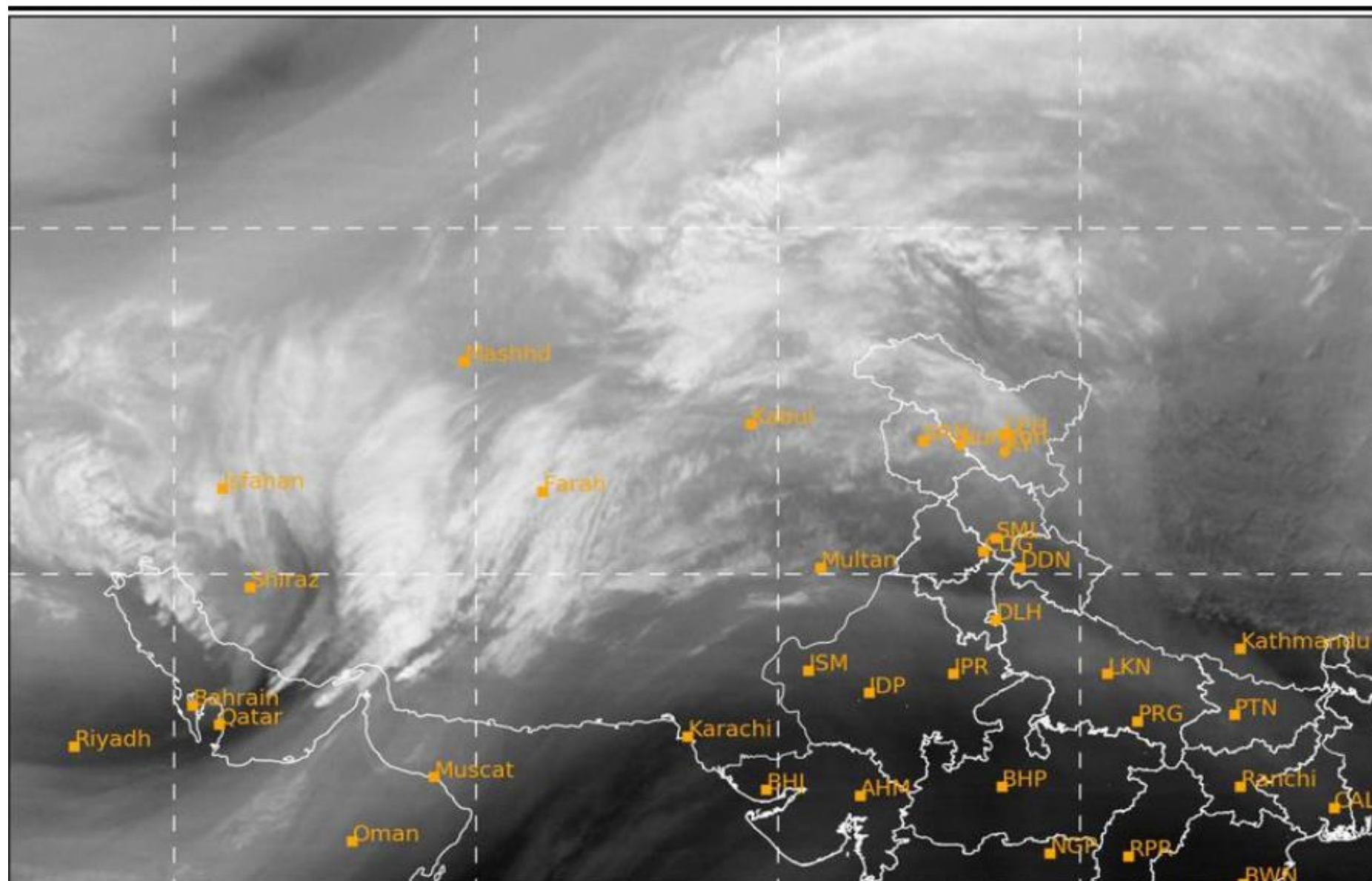
Satellite Water Vapor

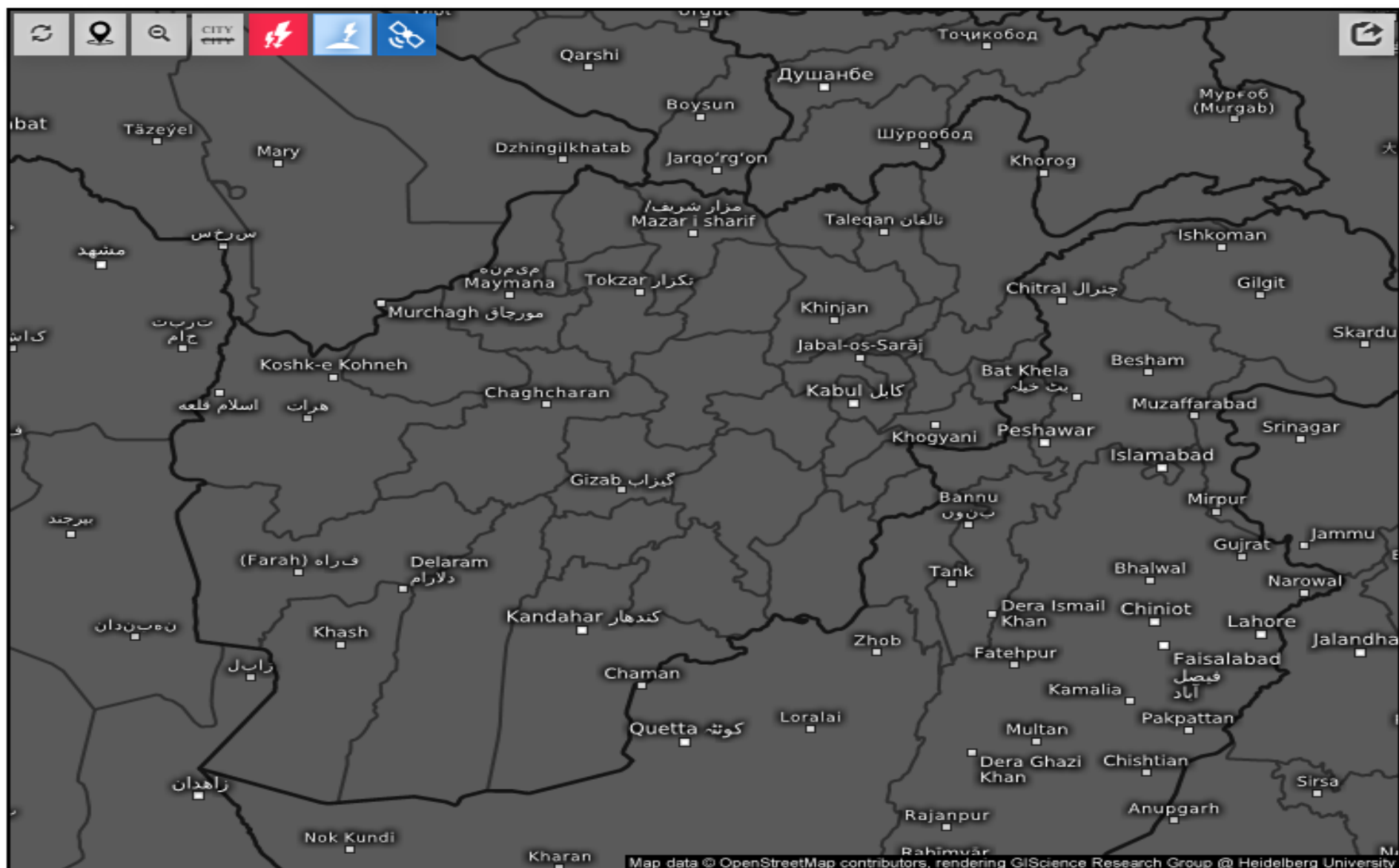
Wed 12/17/2025, 07:15am GMT+0430



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

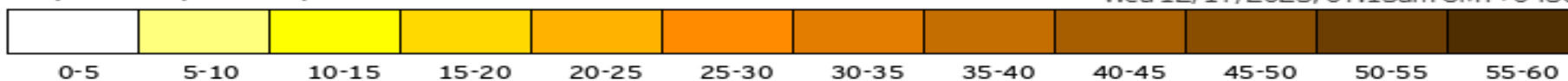
17-12-2025/(0415 to 0442) GMT
17-12-2025/(0945 to 1012) IST





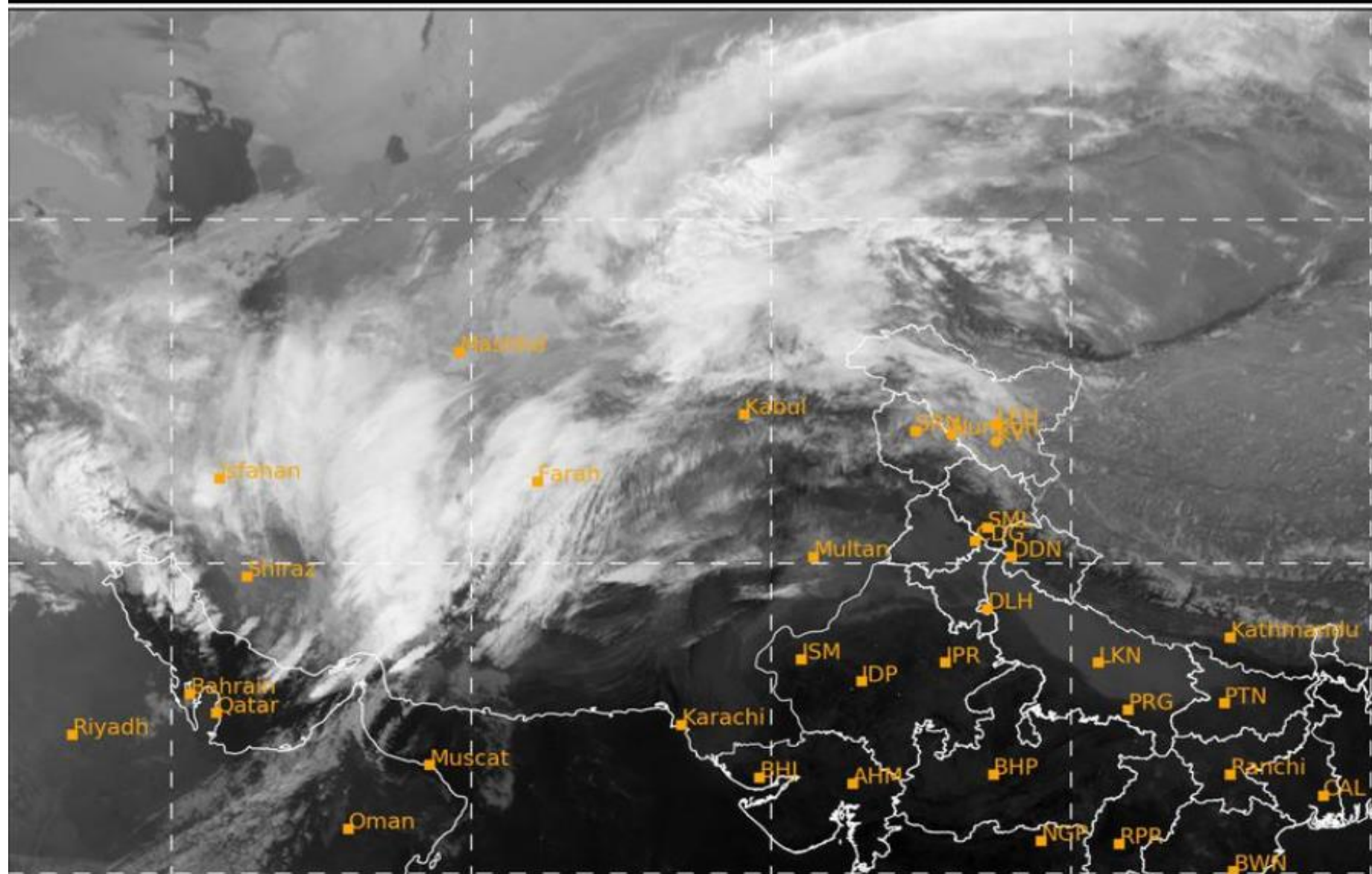
Age of lightning (minutes) 

Wed 12/17/2025, 07:15am GMT+0430



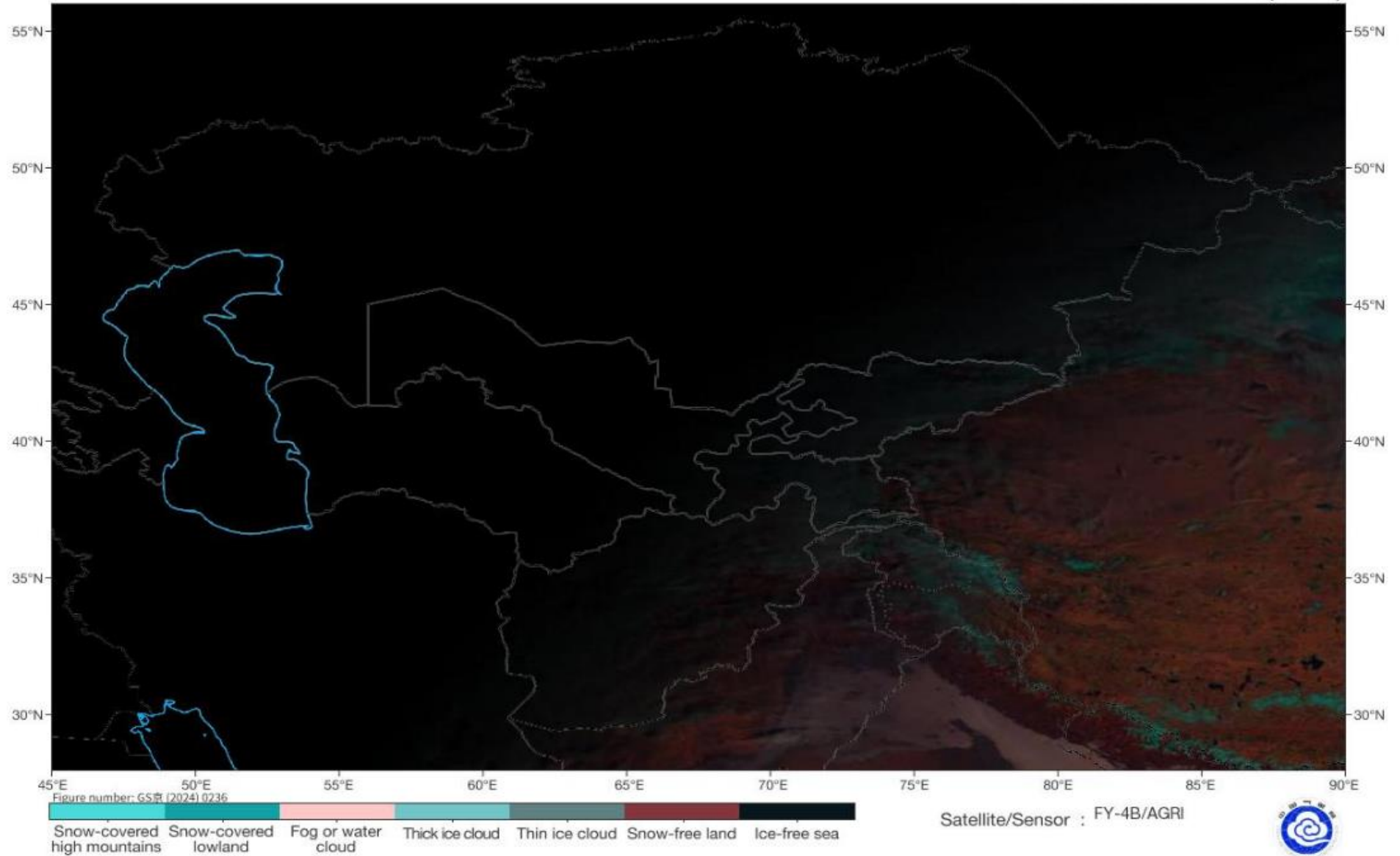
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

17-12-2025/(0415 to 0442) GMT
17-12-2025/(0945 to 1012) IST



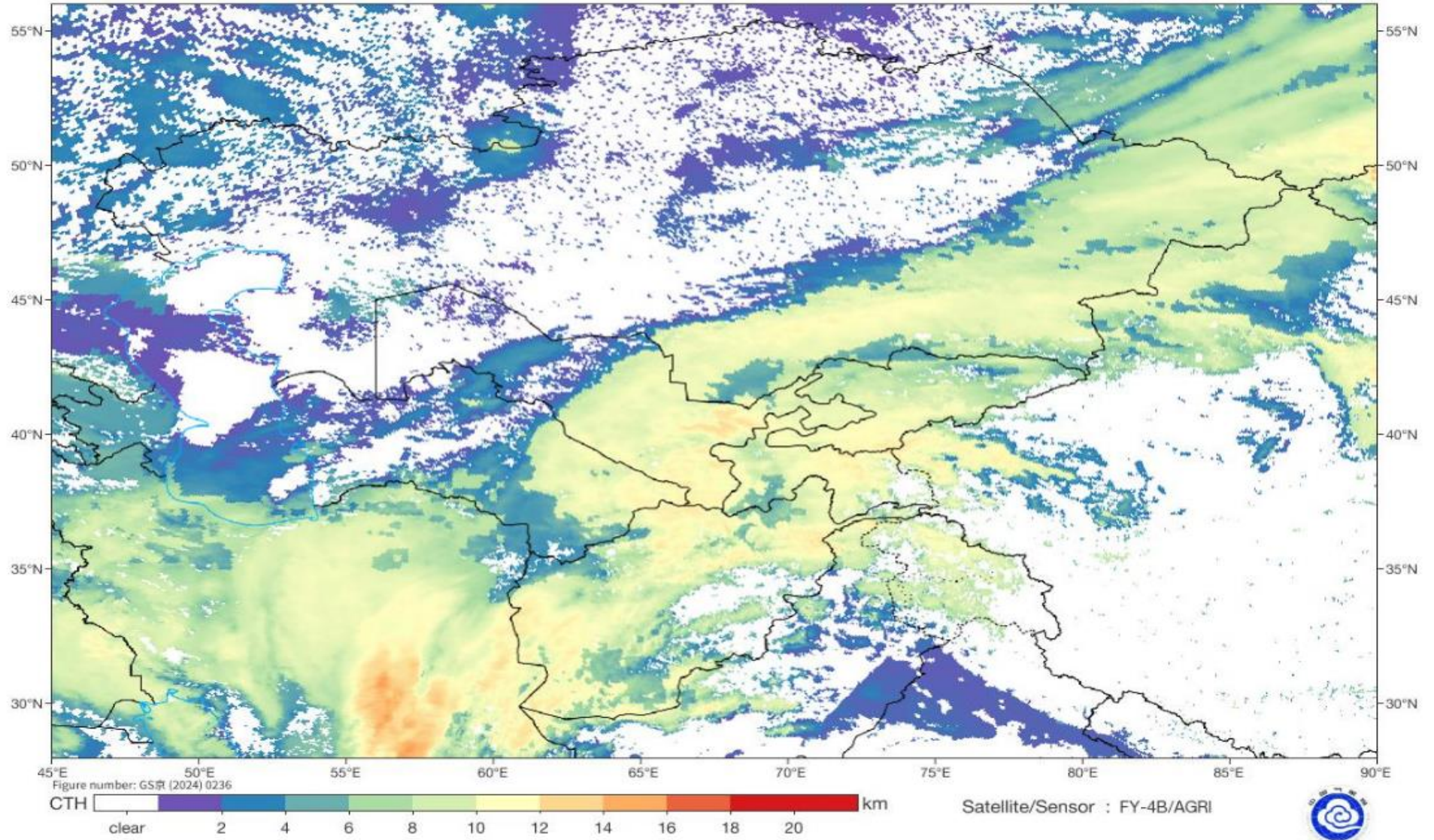
Fog Identification

2025-12-17 03:30(UTC)



Cloud Top Height

2025-12-17 03:15(UTC)



Live satellite map, Afghanistan

