



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



Satellite General Management

Daily reports of Satellite imagery analysis. Date & Time: 16/12/2025, 06:00 UTC

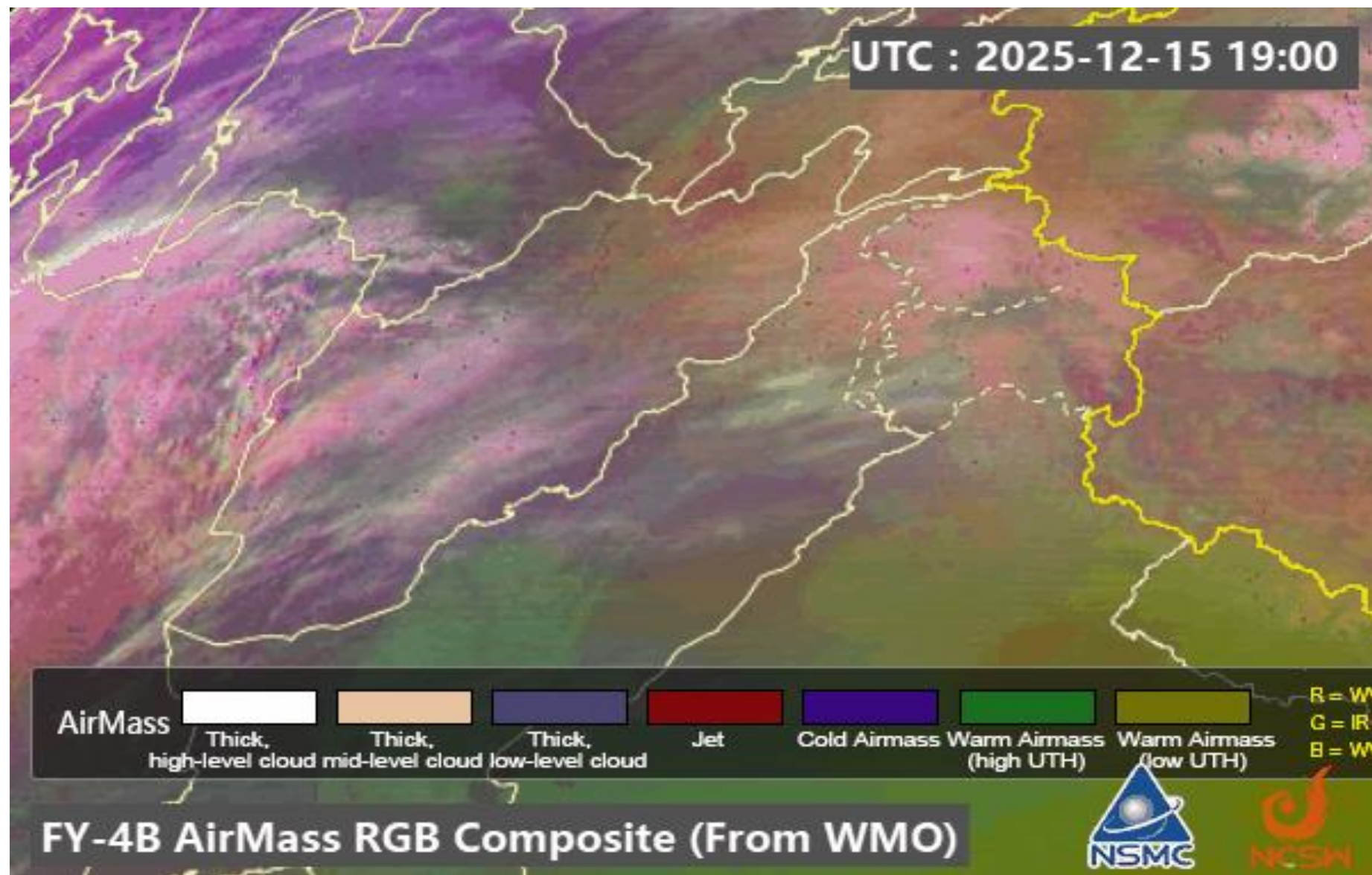
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	✓	✓	√ moderate	X	X	
2	South	✓	X	X	✓	X	√ moderate	X	X	
3	West	✓	X	X	✓	X	√ moderate	X	X	
4	East	X	X	X	X	X	√ moderate	X	X	
5	central	✓	X	X	✓	X	√ moderate	X	X	
6	Northeast	X	X	X	✓	X	√ moderate	X	X	
7	Southeast	X	X	X	✓	X	√ moderate	X	X	
8	Northwest	X	X	X	✓	✓	√ 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, central, northeastern, southeastern, northwestern, southwestern regions have cloudy sky. The northern, northwestern regions have Fog. The all regions have moderate water vapor.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-12-15 19:00

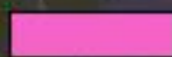


FY-4B AirMass RGB Composite (From WMO)

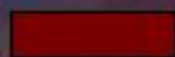


UTC : 2025-12-15 19:00

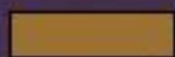
Dust



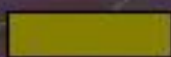
Dust



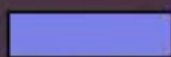
High-level cloud



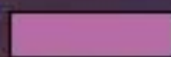
Thick,
mid-level cloud



Thin,
mid-level cloud



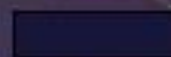
Ocean



Land



Low-level cloud

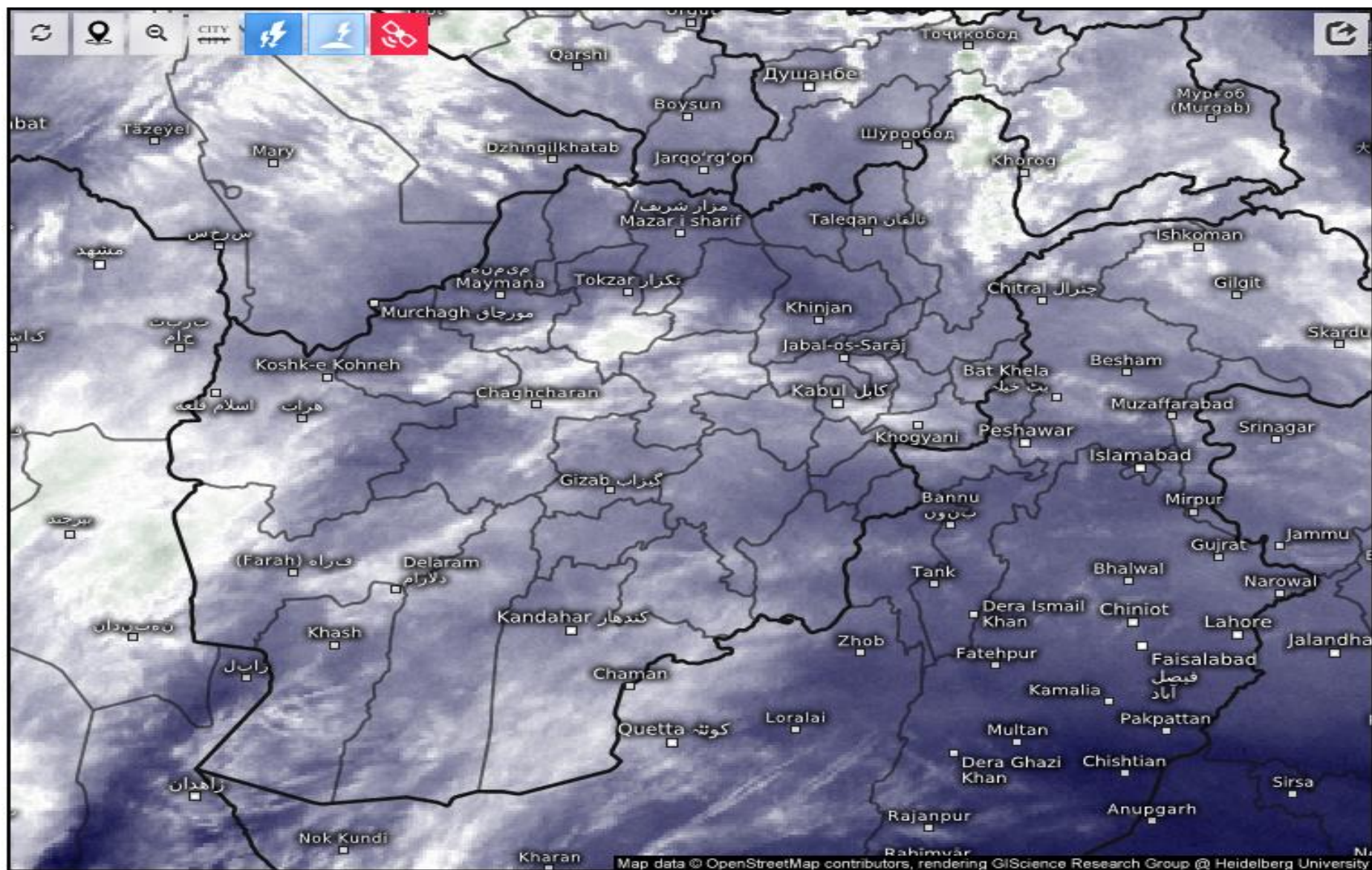


Cirrus

R = IR(12.0)
G = IR(10.6)
B = IR(10.4)

FY-4B Dust RGB Composite (From WMO)





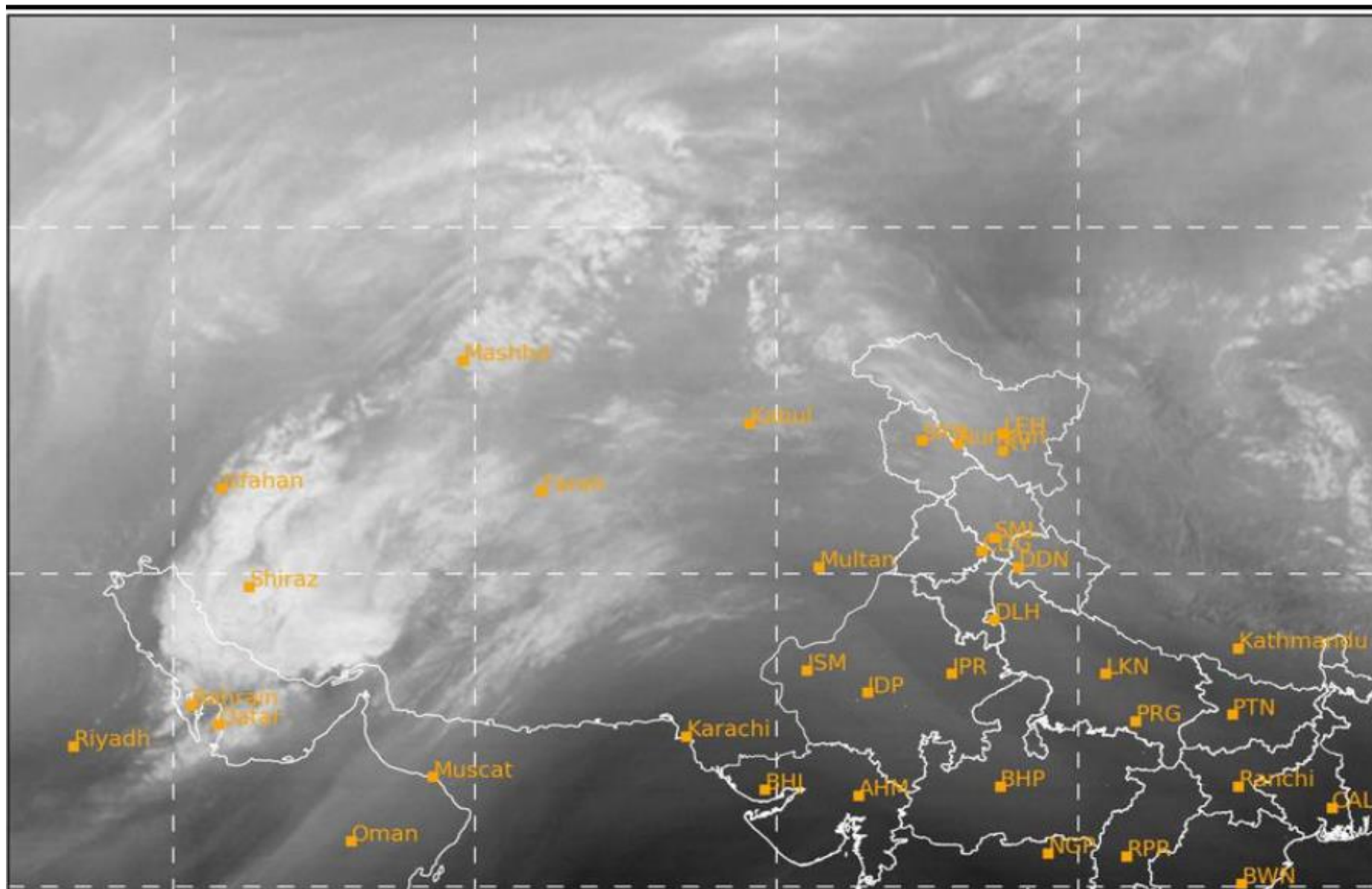
Satellite Water Vapor

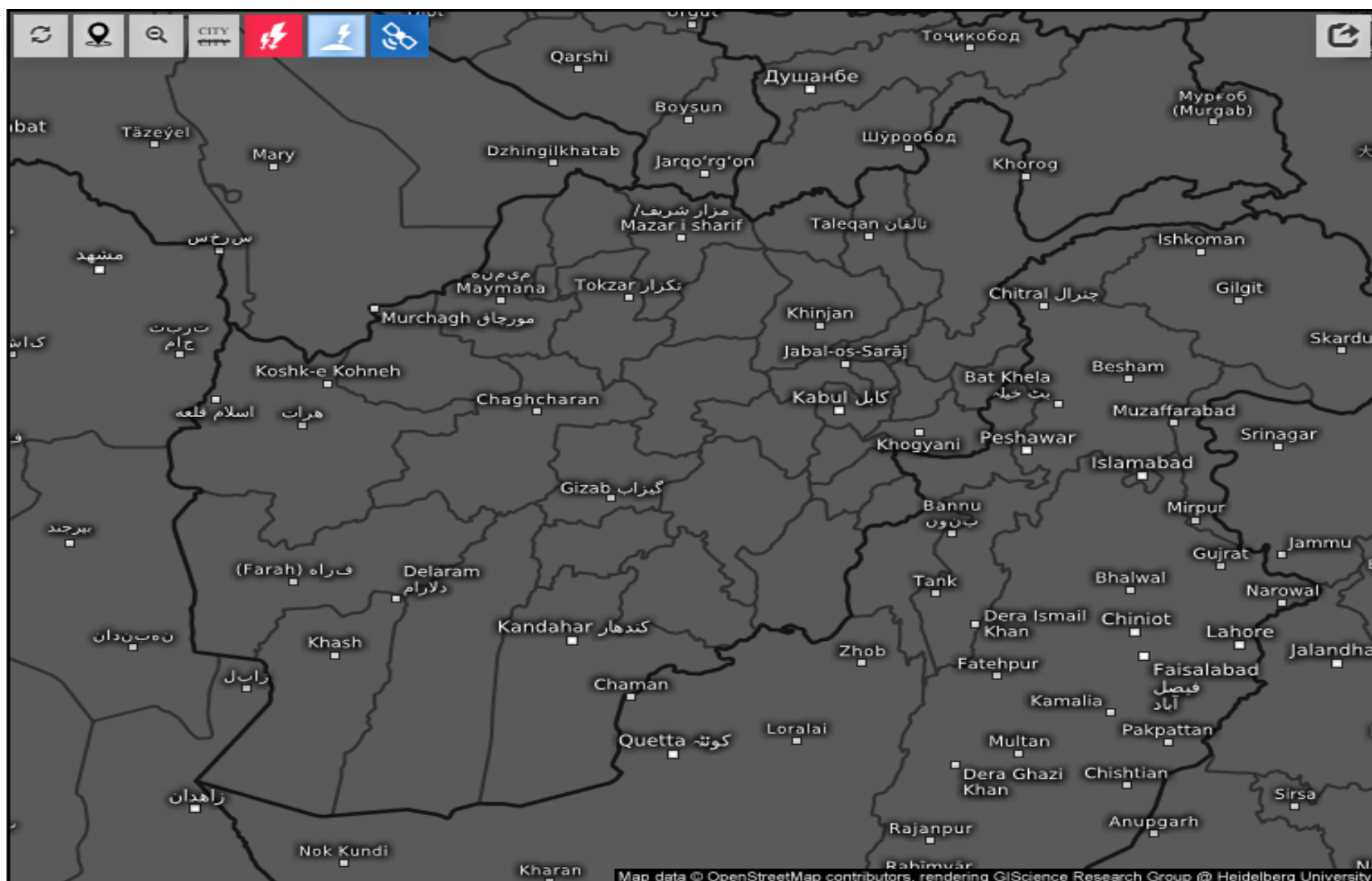
Tue 12/16/2025, 10:30am GMT+0430



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

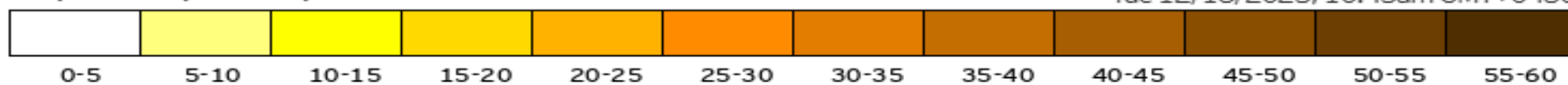
16-12-2025/(0445 to 0512) GMT
16-12-2025/(1015 to 1042) IST





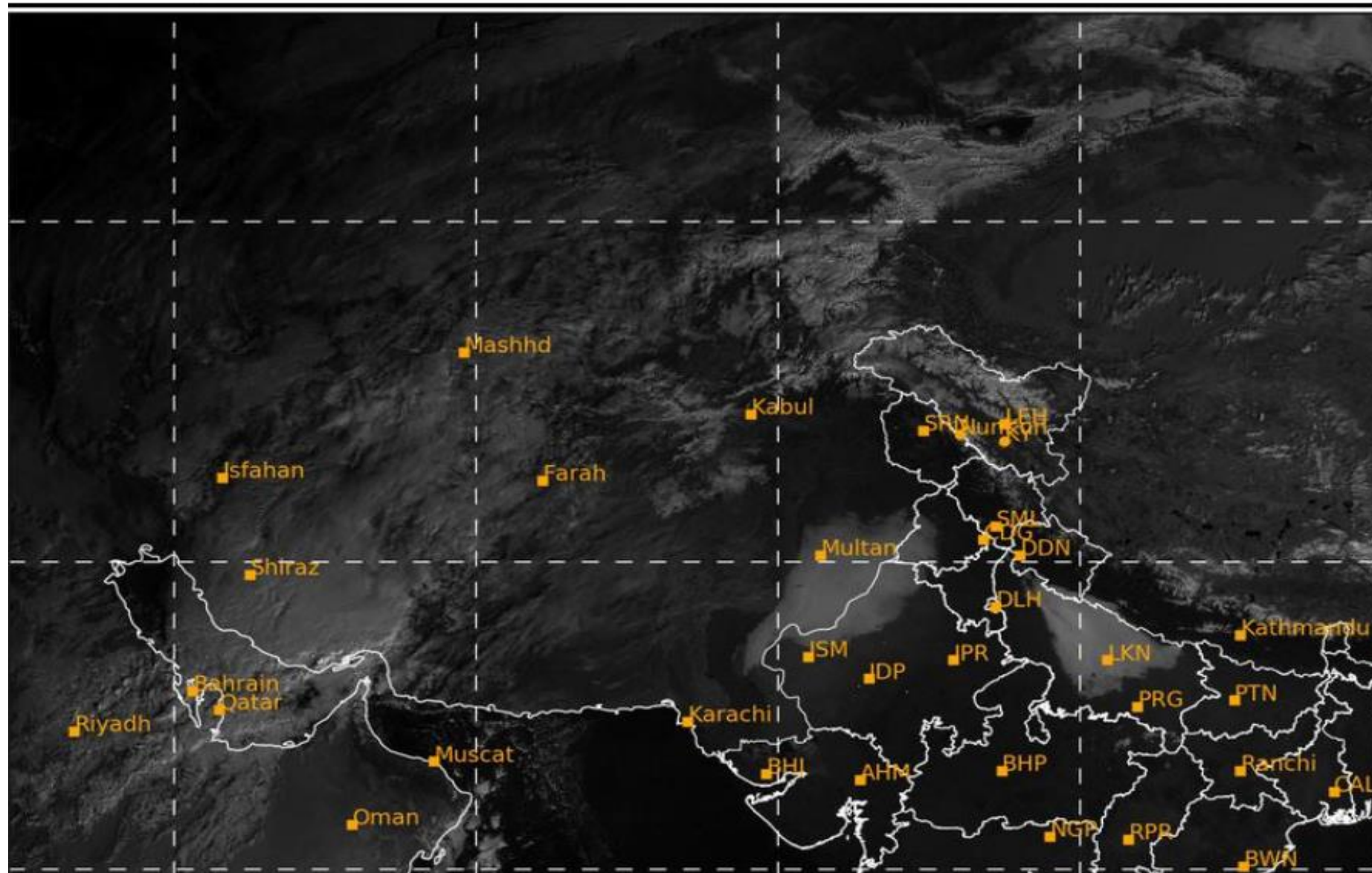
Age of lightning (minutes) 

Tue 12/16/2025, 10:45am GMT+0430



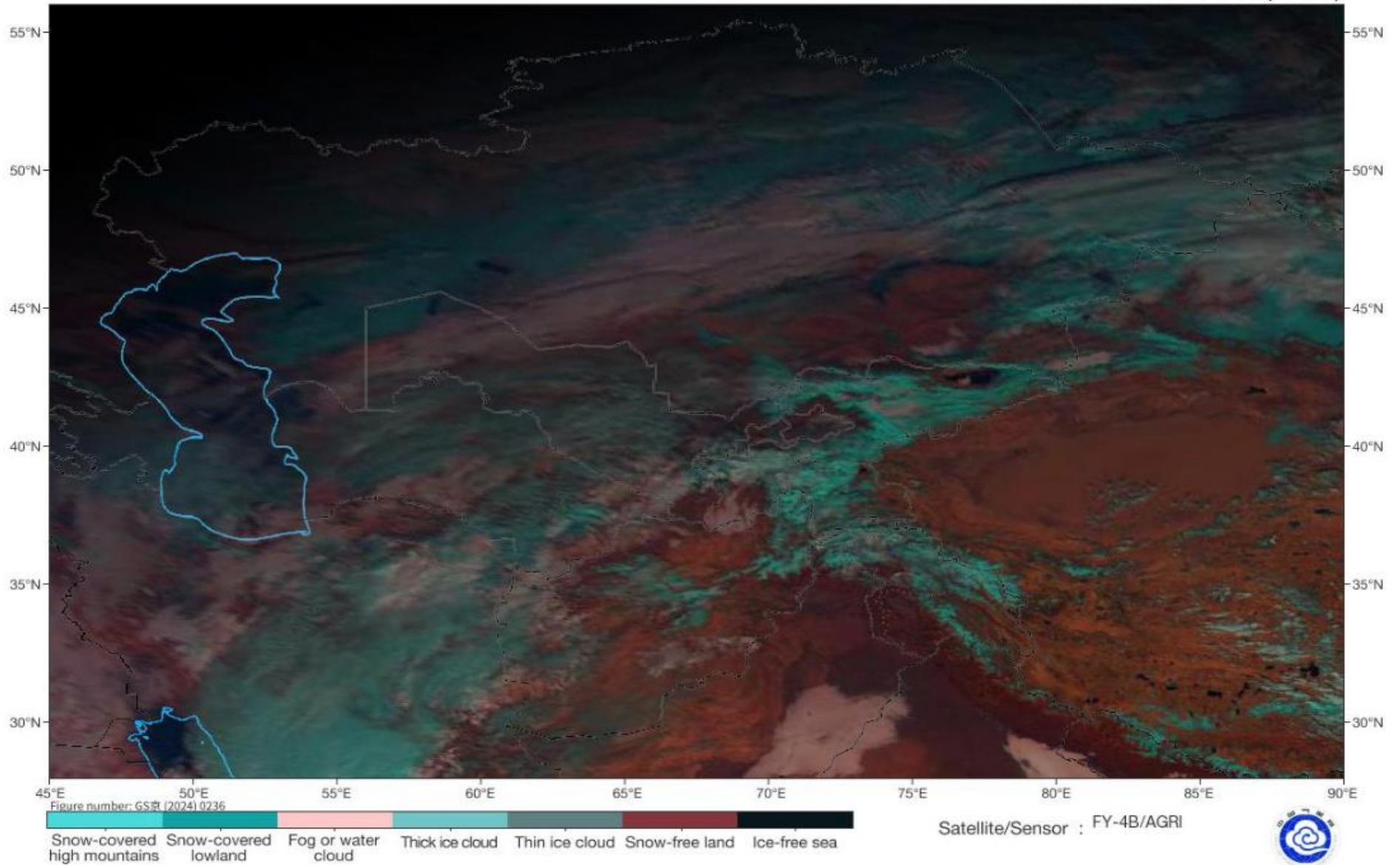
SAT : INSAT-3DR IMG
Visible Count 0.65 um
L1C Mercator

16-12-2025/(0445 to 0512) GMT
16-12-2025/(1015 to 1042) IST



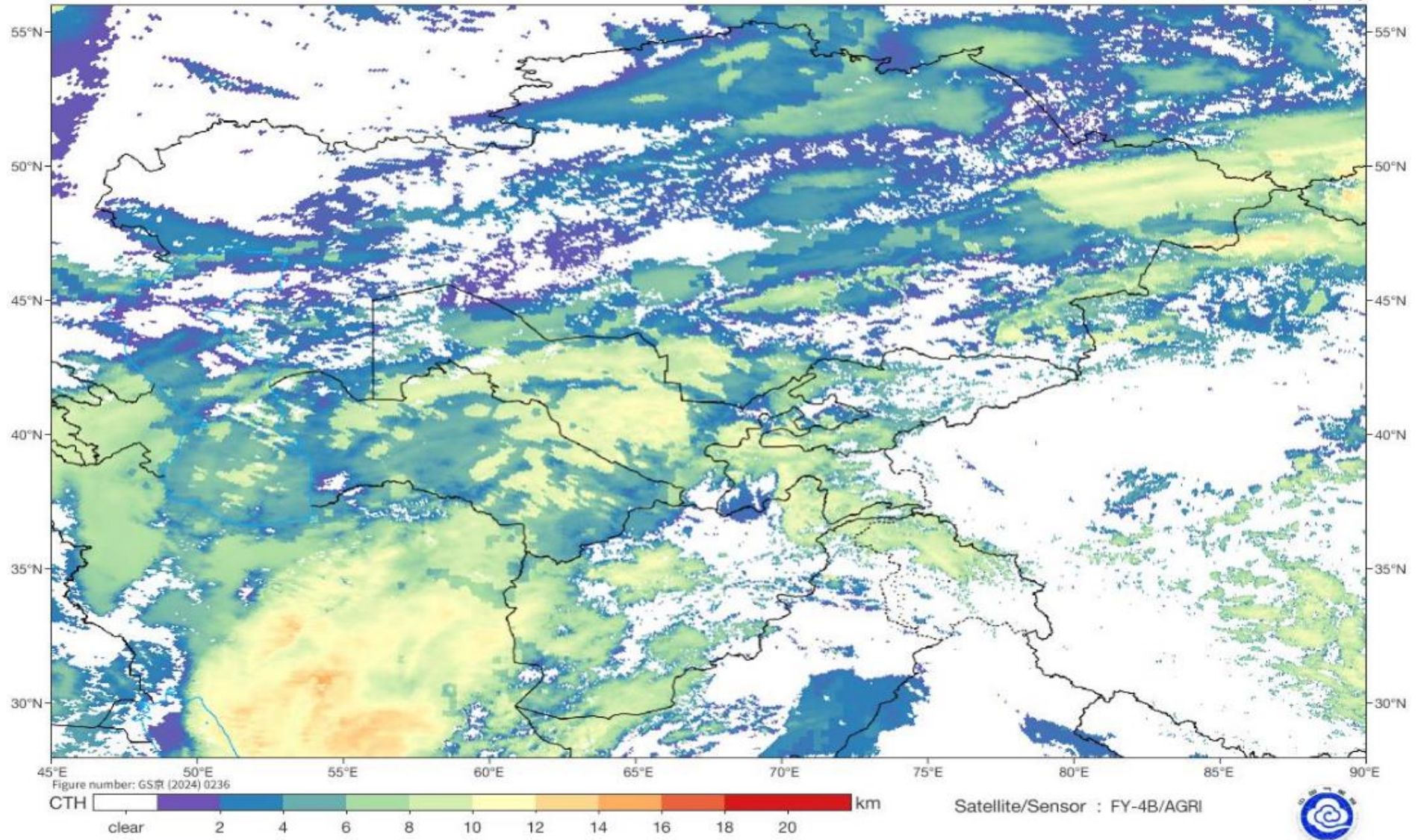
Fog Identification

2025-12-16 05:45(UTC)



Cloud Top Height

2025-12-16 05:45(UTC)



Live satellite map, Afghanistan

