



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



Daily reports of Satellite imagery analysis. Date & Time: 02/12/2025, 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	X	X	√ weak	X	X	
3	West	✓	✓	X	X	X	√ moderate	X	X	
4	East	X	X	X	✓	X	√ moderate	X	X	
5	central	✓	X	X	X	X	√ moderate	X	X	
6	Northeast	✓	X	X	X	X	√ moderate	X	X	
7	Southeast	✓	X	X	X	X	√ weak	X	X	
8	Northwest	✓	X	X	X	X	√ moderate	X	X	
9	Southwest	X	X	X	X	X	√ moderate	X	X	

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

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-12-01 19:30

AirMass



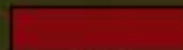
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



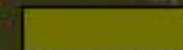
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

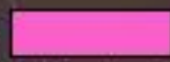
R = WV (6.2)
G = IR (8.5)
B = WV (6.2)

FY-4B AirMass RGB Composite (From WMO)

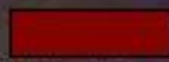


UTC : 2025-12-01 19:45

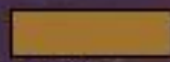
Dust



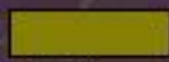
Dust



High-level cloud



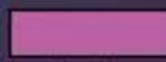
Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



Low-level cloud

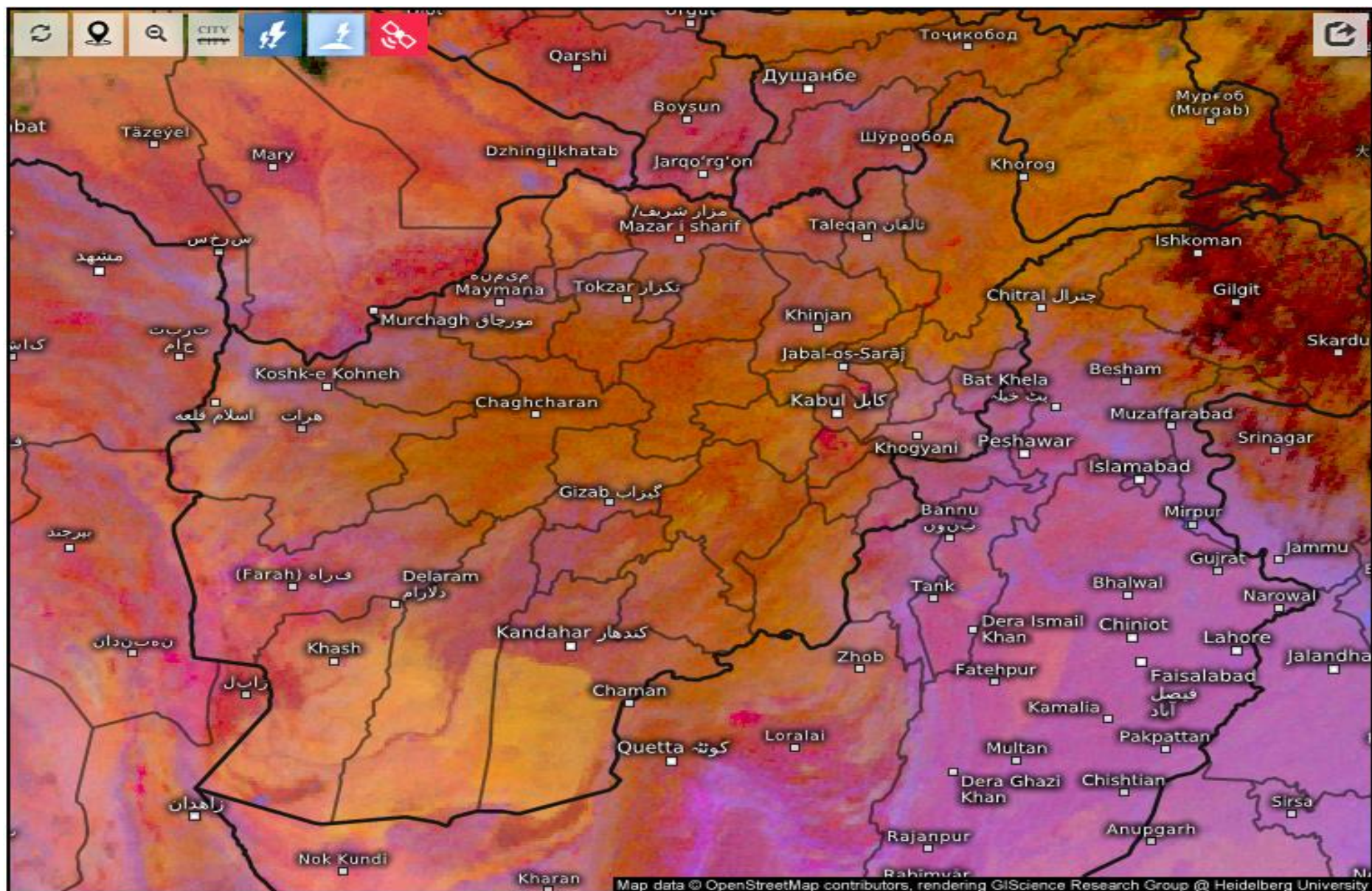


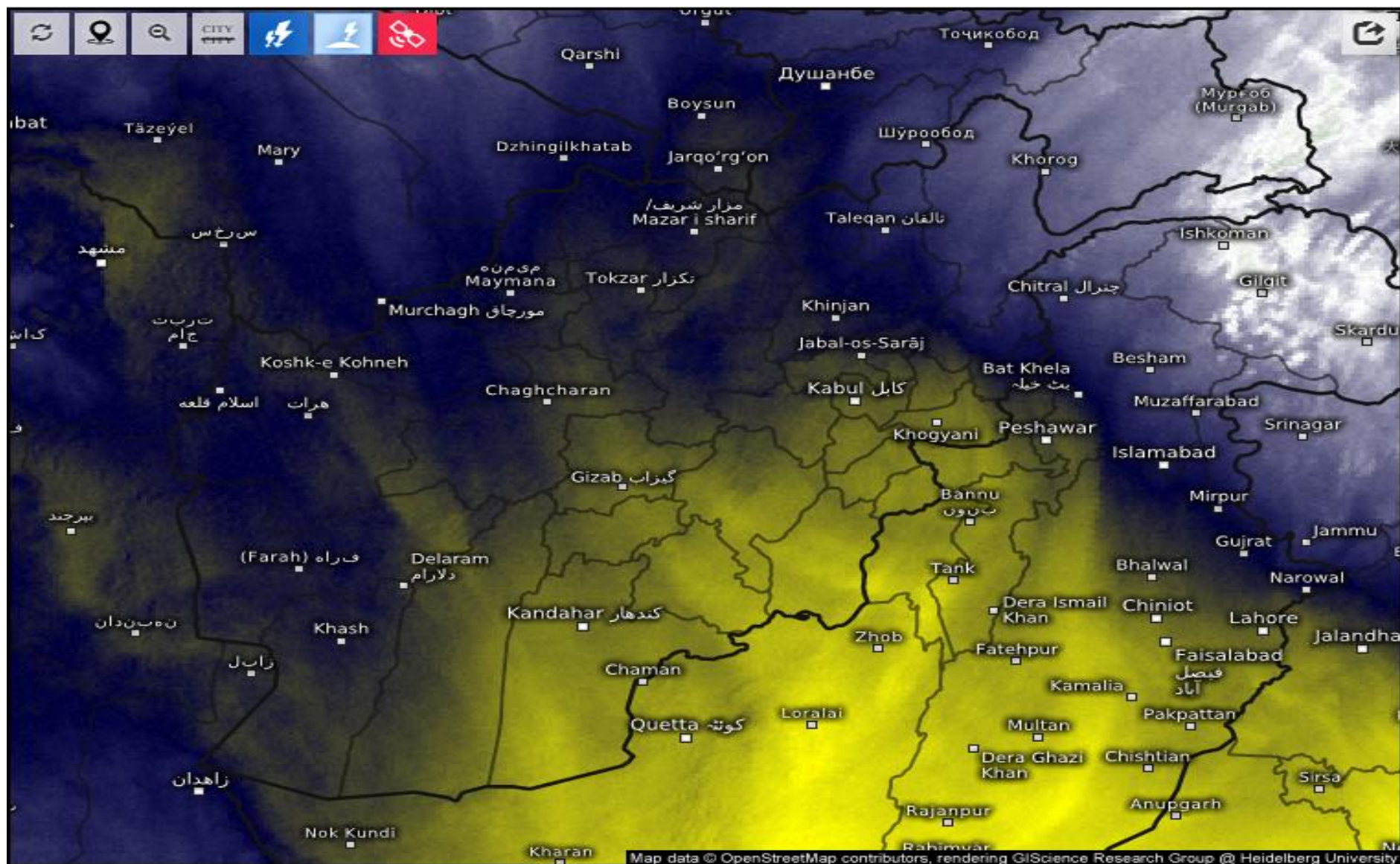
Cirrus

R = IR (12.0)
G = IR (10.8)
B = IR (10.8)

FY-4B Dust RGB Composite (From WMO)







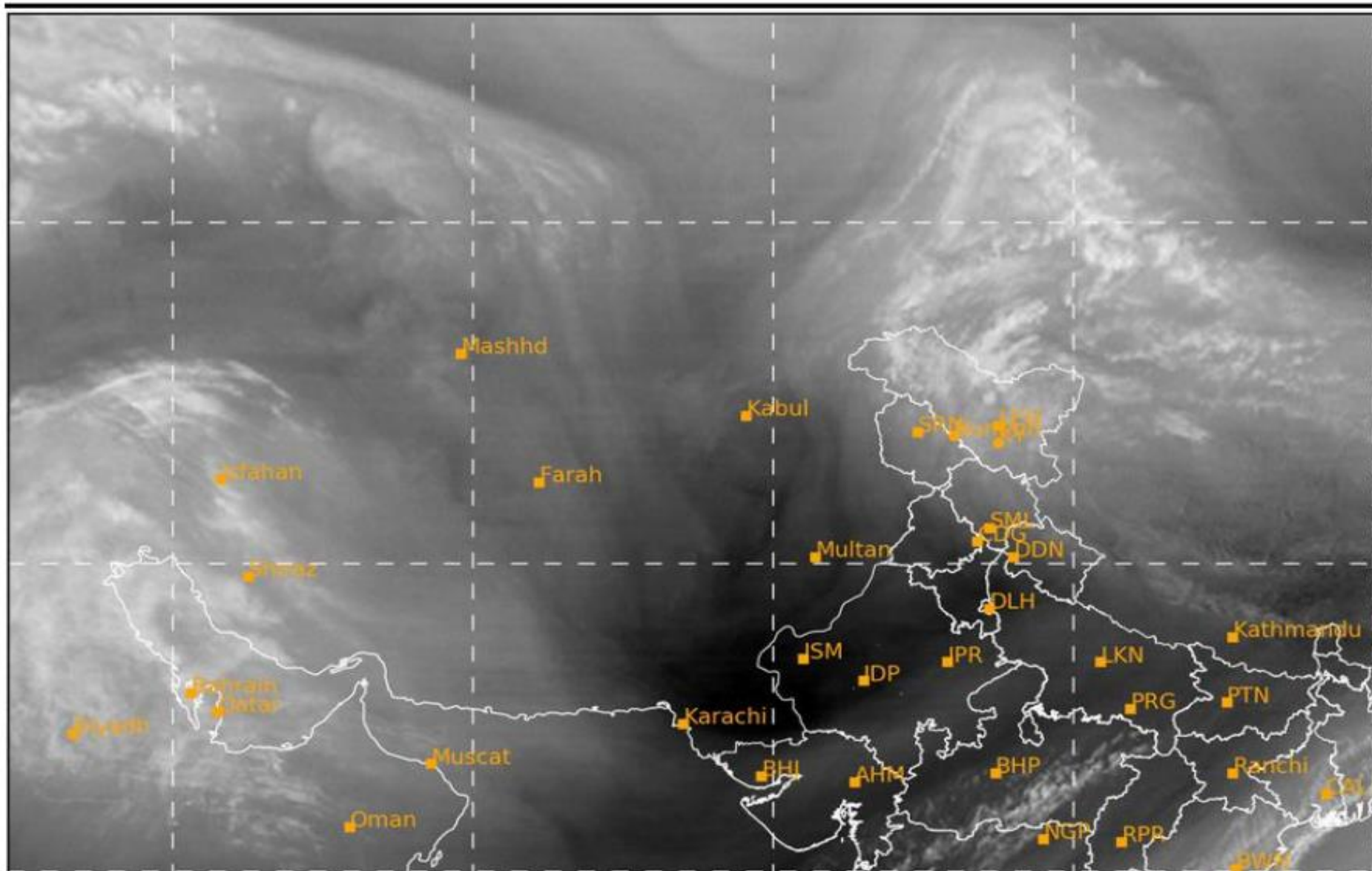
Satellite Water Vapor

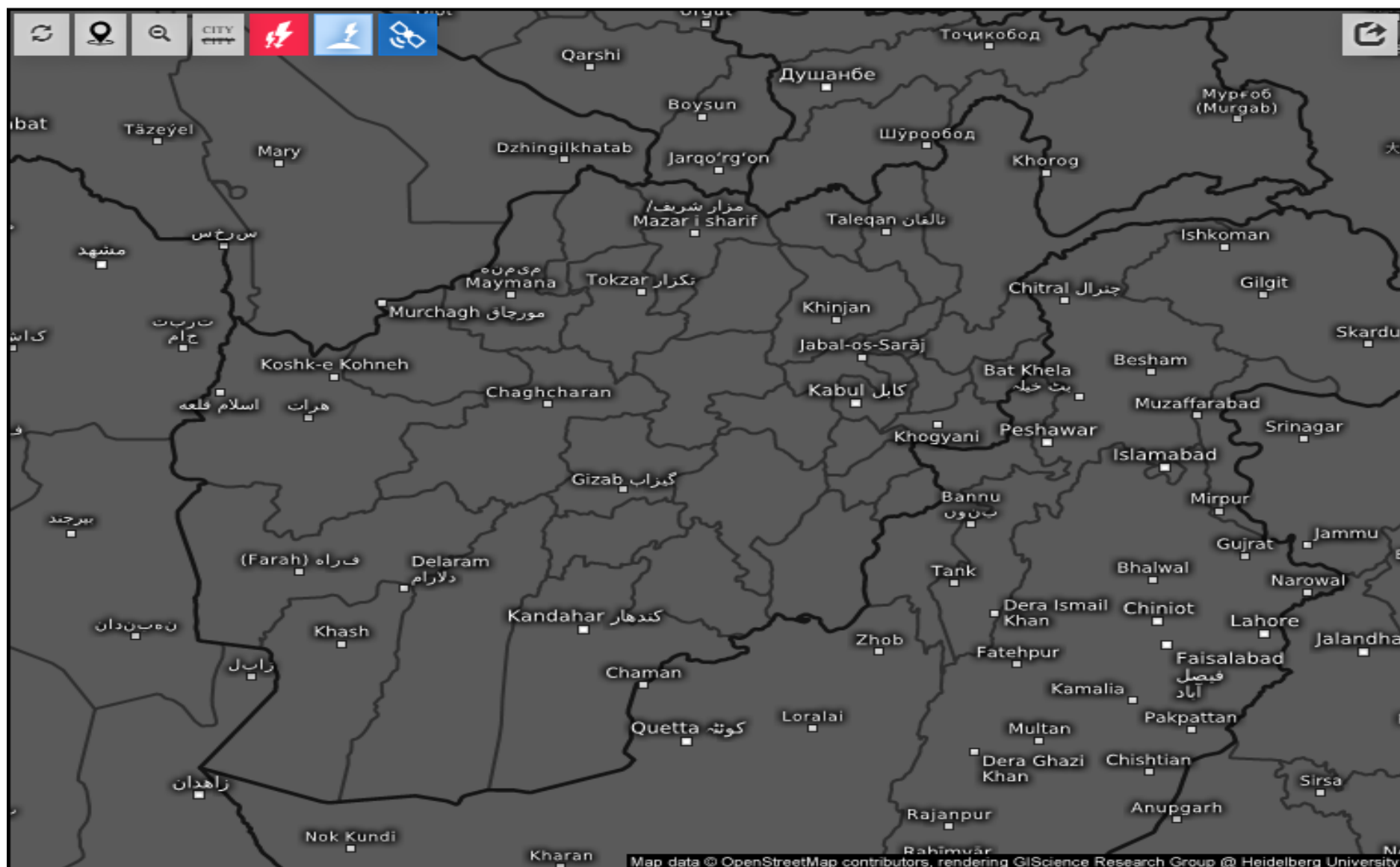
Tue 12/02/2025, 07:15am GMT+0430



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

02-12-2025/(0315 to 0342) GMT
02-12-2025/(0845 to 0912) IST





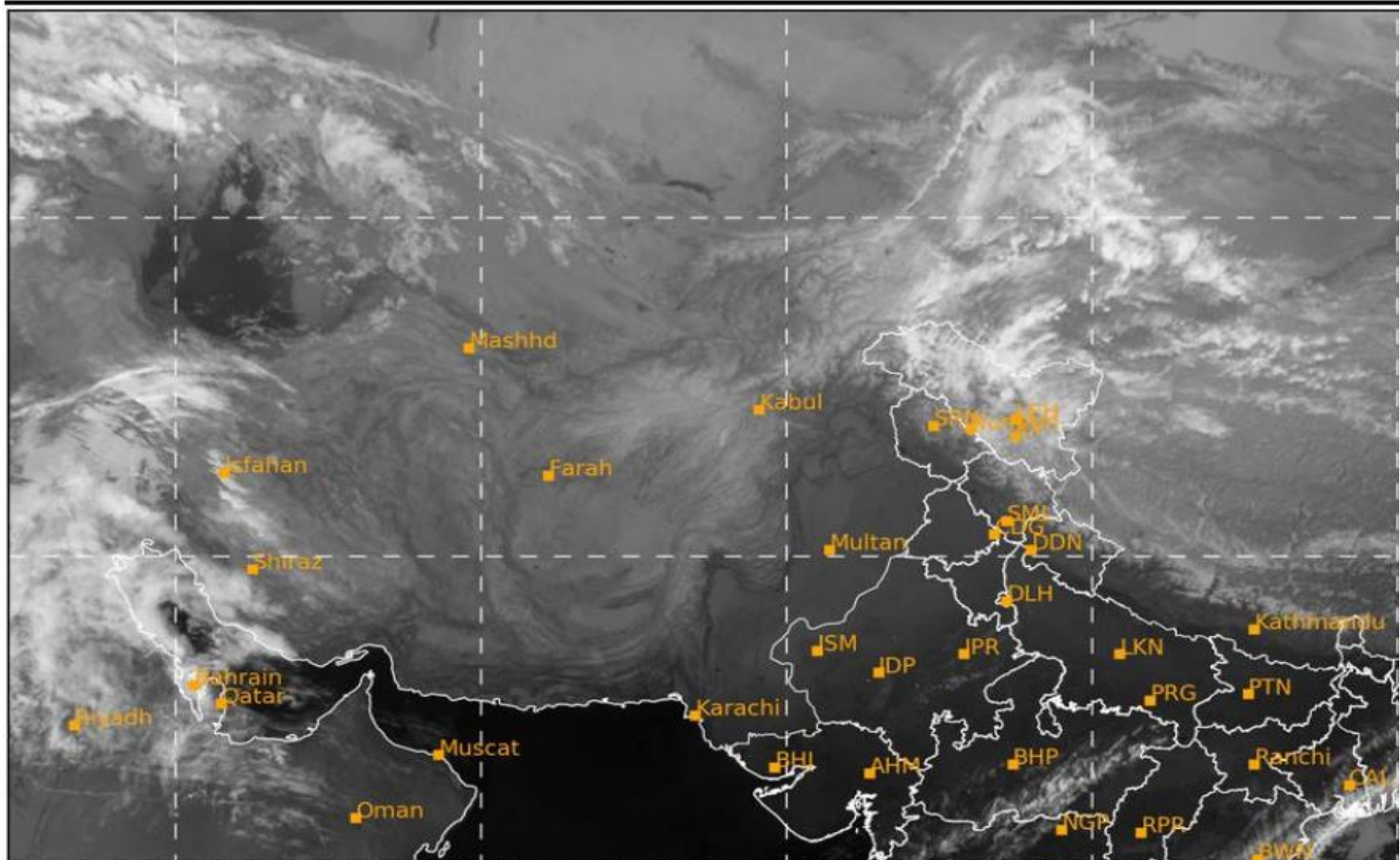
Age of lightning (minutes) 

Tue 12/02/2025, 07:15am GMT+0430



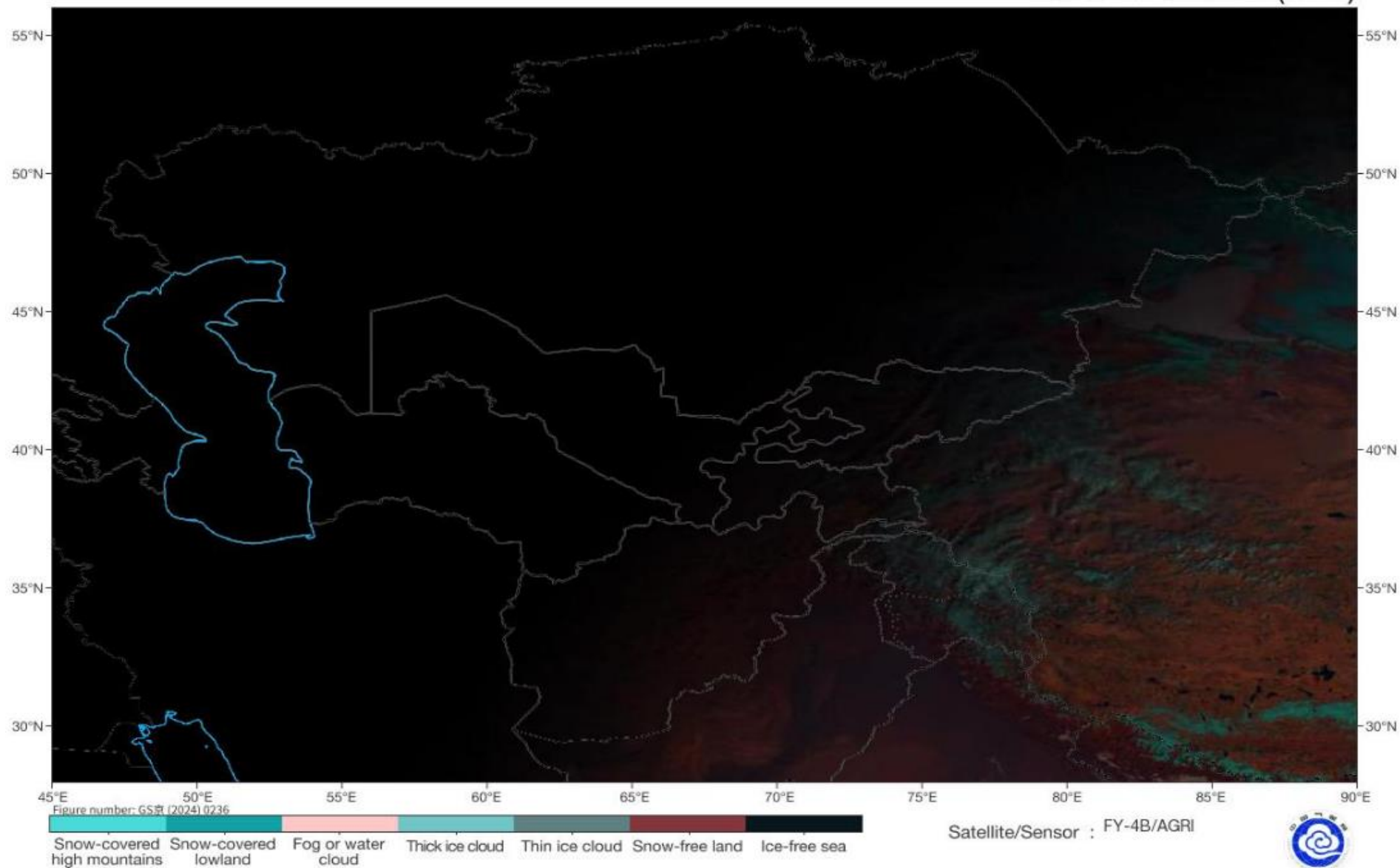
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

02-12-2025/(0315 to 0342) GMT
02-12-2025/(0845 to 0912) IST



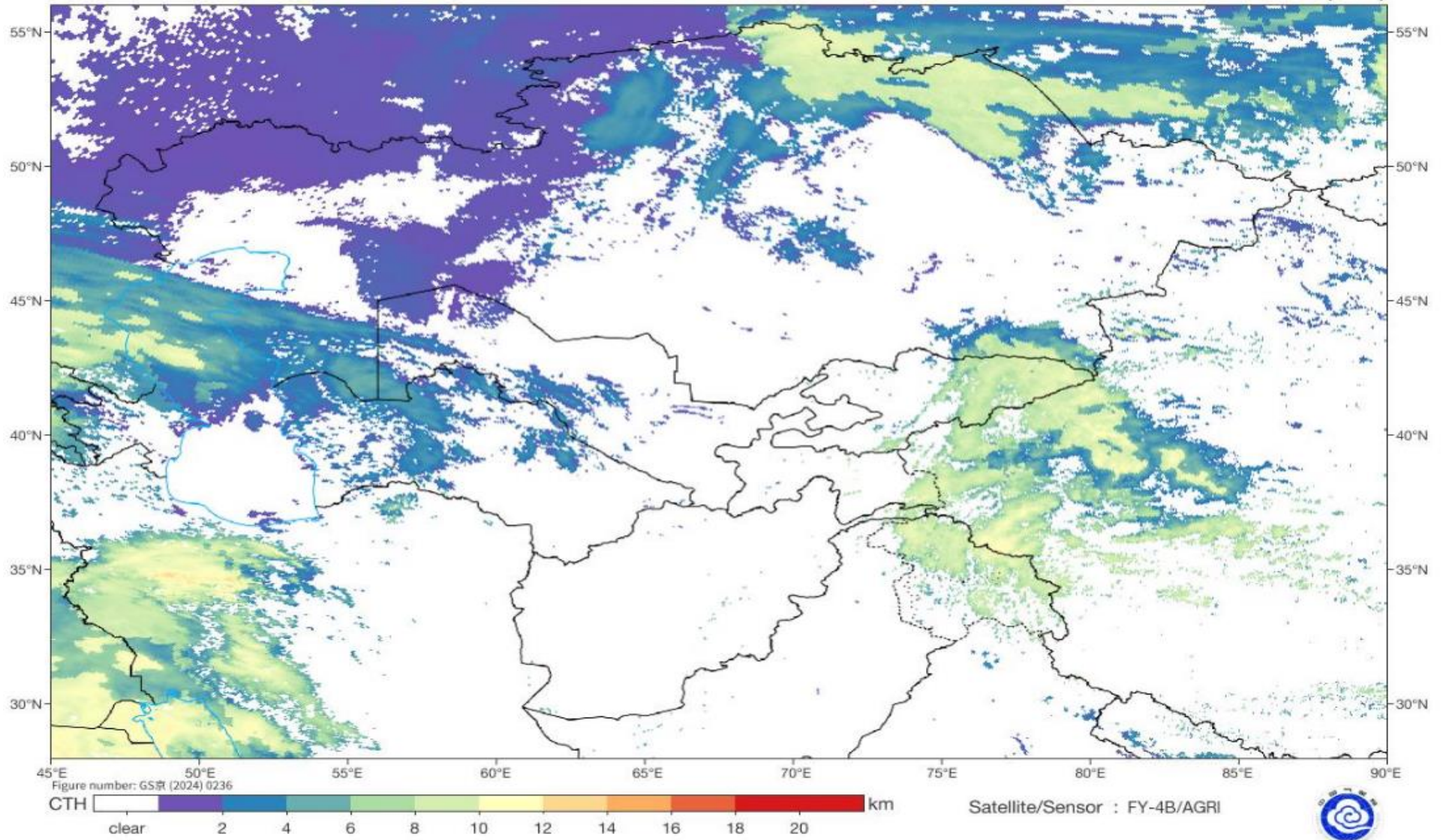
Fog Identification

2025-12-02 03:15(UTC)



Cloud Top Height

2025-12-02 03:15(UTC)



Live satellite map, Afghanistan

