



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



Satellite General Management

Daily reports of Satellite imagery analysis. Date & Time: 03/12/2025, 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	√ 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	√ 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 northern, central, northeastern, southeastern regions have warm air mass with (low UTH). The northern, southern, western, northwestern and southwestern regions have cold air mass. The western areas have dust. The southern, western, eastern, 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 : 2025-12-02 19:45

AirMass



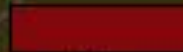
Thick,
high-level cloud



Thick,
mid-level cloud



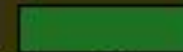
Thick,
low-level cloud



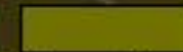
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

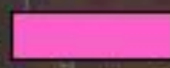
R = W
G = IR
B = W

FY-4B AirMass RGB Composite (From WMO)

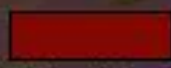


UTC : 2025-12-02 19:45

Dust



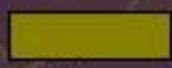
Dust



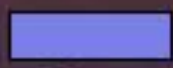
High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



Low-level cloud

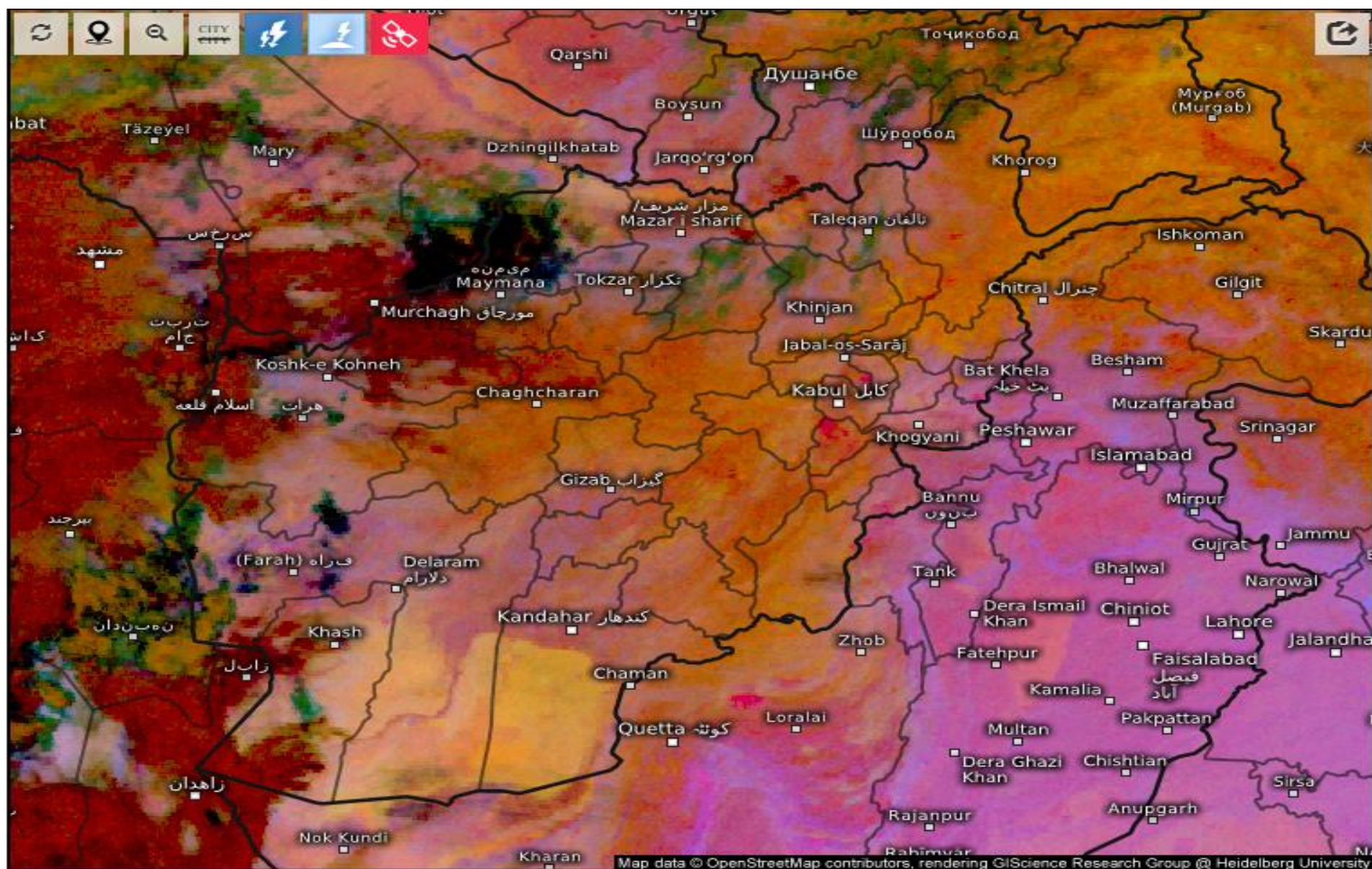


Cirrus

R = IR (12.5)
G = IR (10.4)
B = IR (10.4)

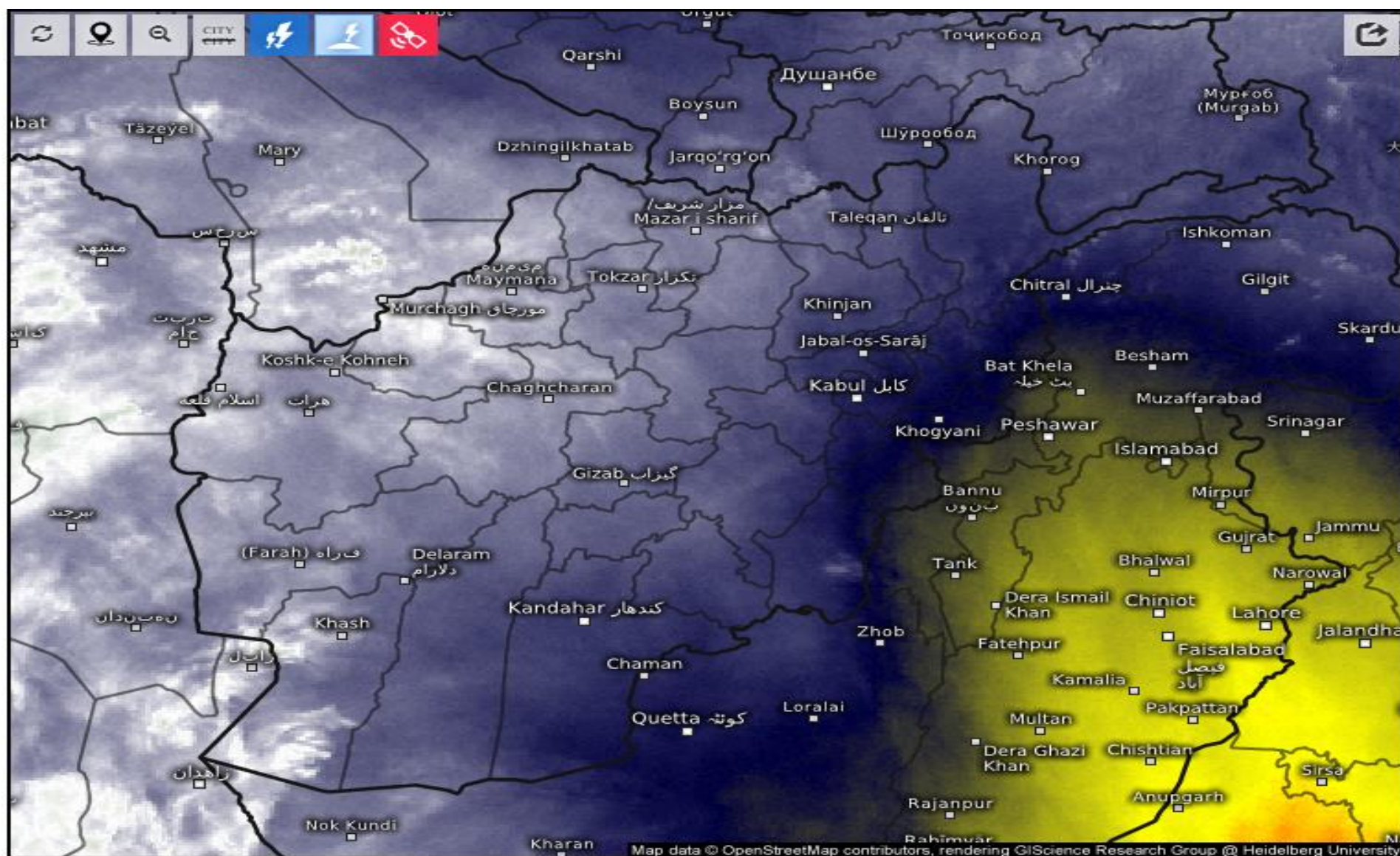
FY-4B Dust RGB Composite (From WMO)





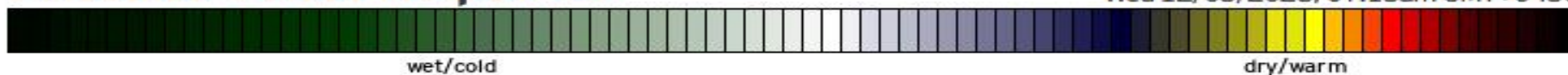
Satellite Dust

Wed 12/03/2025, 07:15am GMT+0430



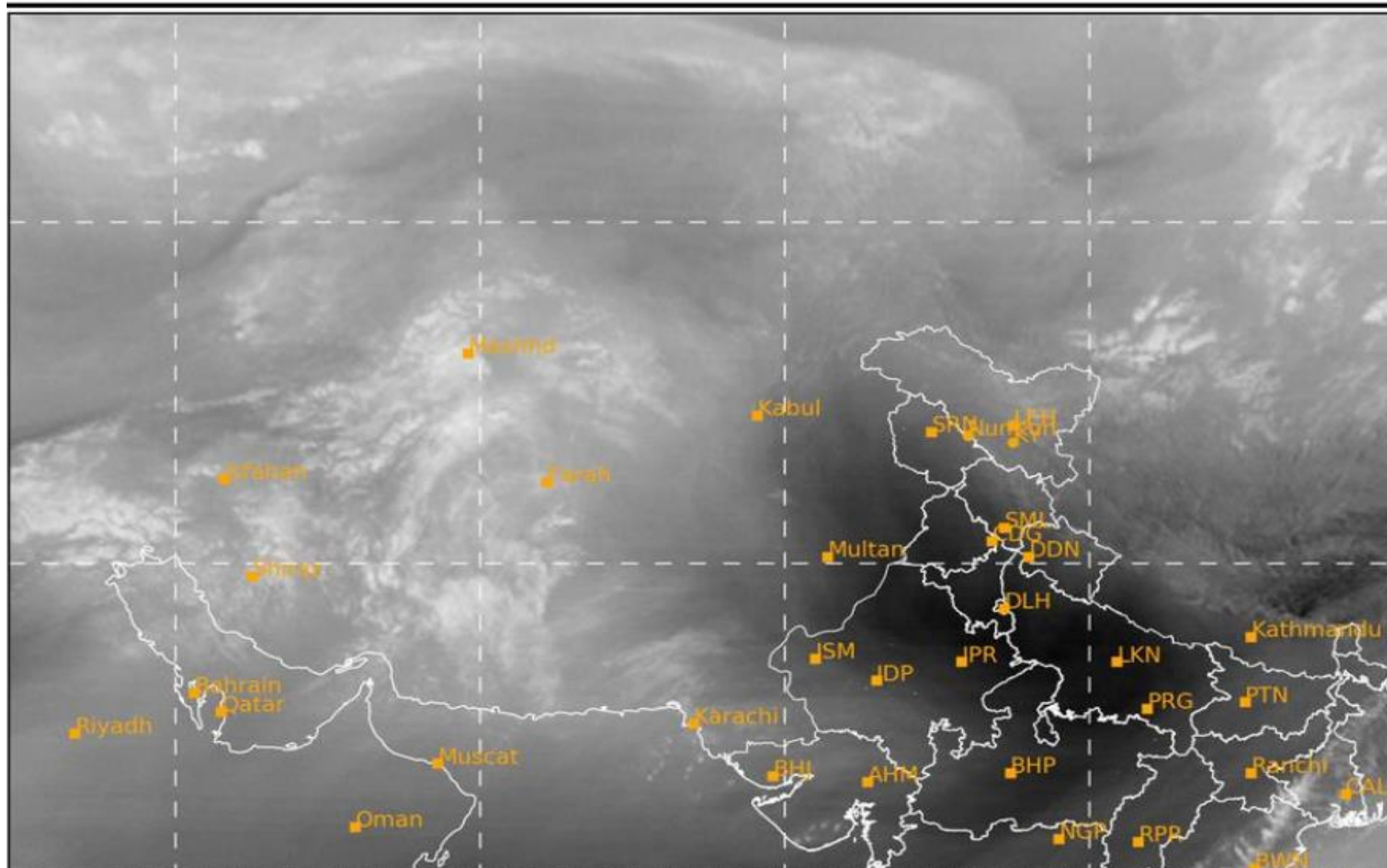
Satellite Water Vapor

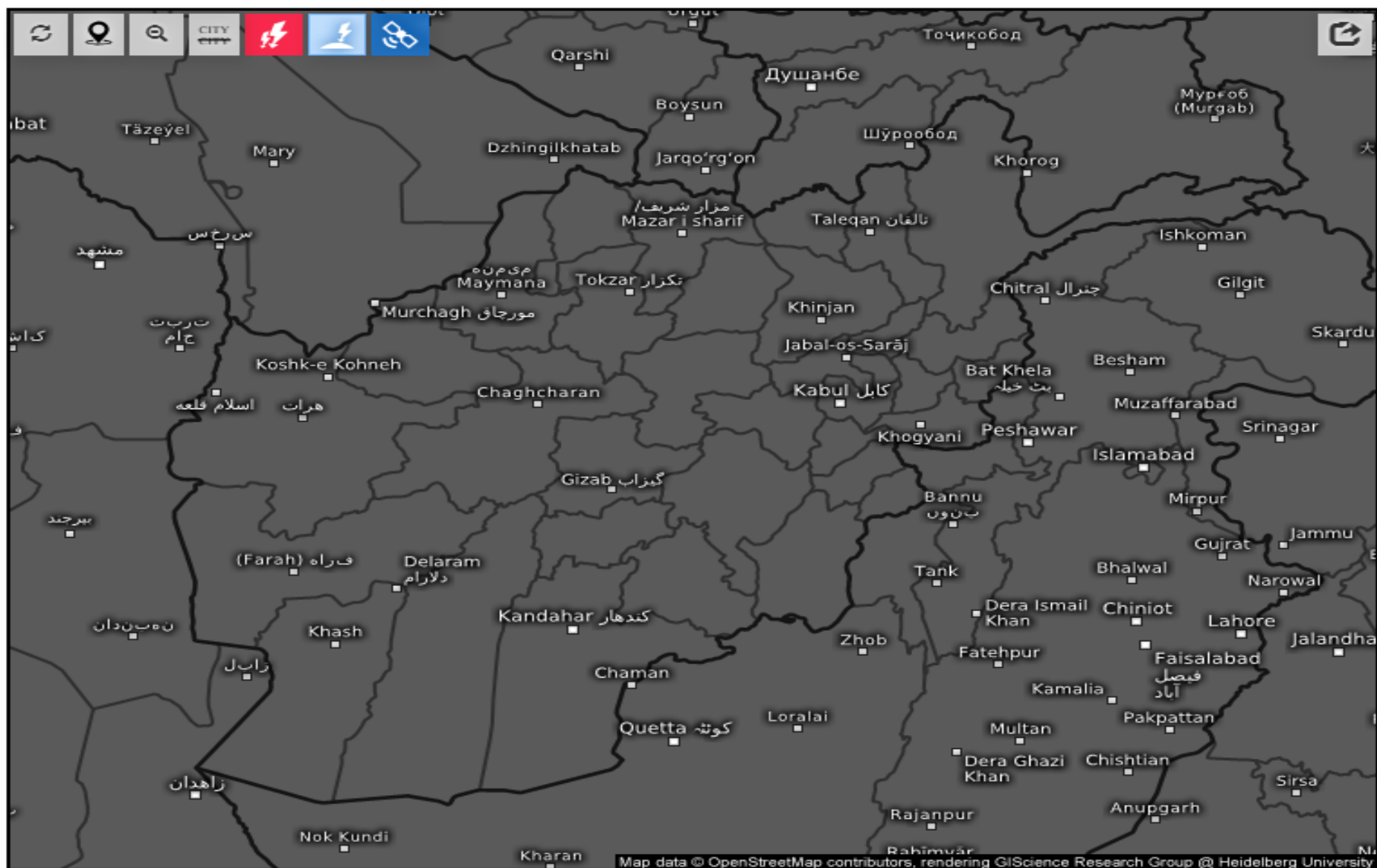
Wed 12/03/2025, 07:15am GMT+0430



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

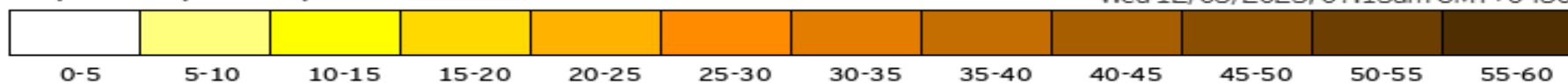
03-12-2025/(0345 to 0412) GMT
03-12-2025/(0915 to 0942) IST





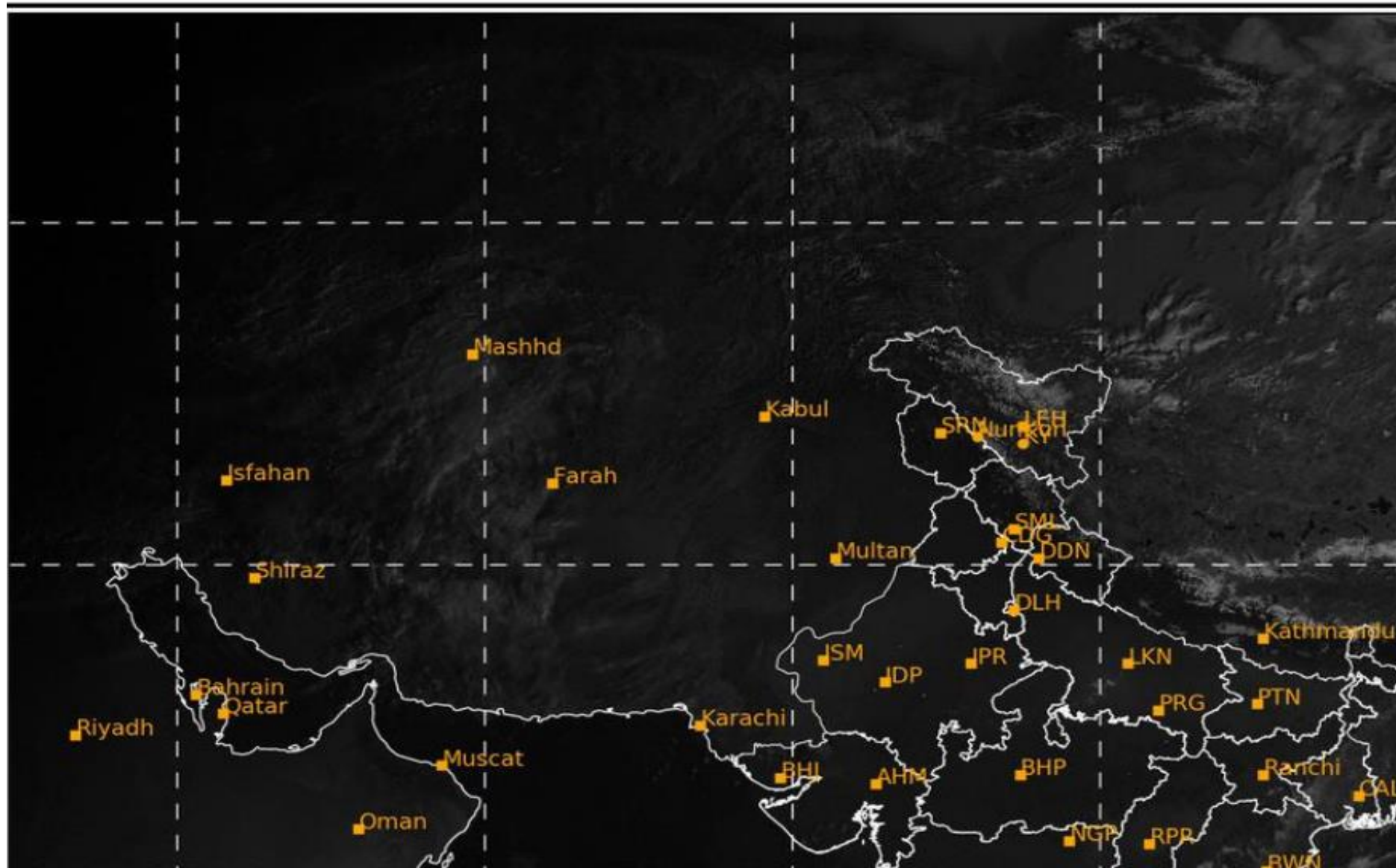
Age of lightning (minutes) 

Wed 12/03/2025, 07:15am GMT+0430



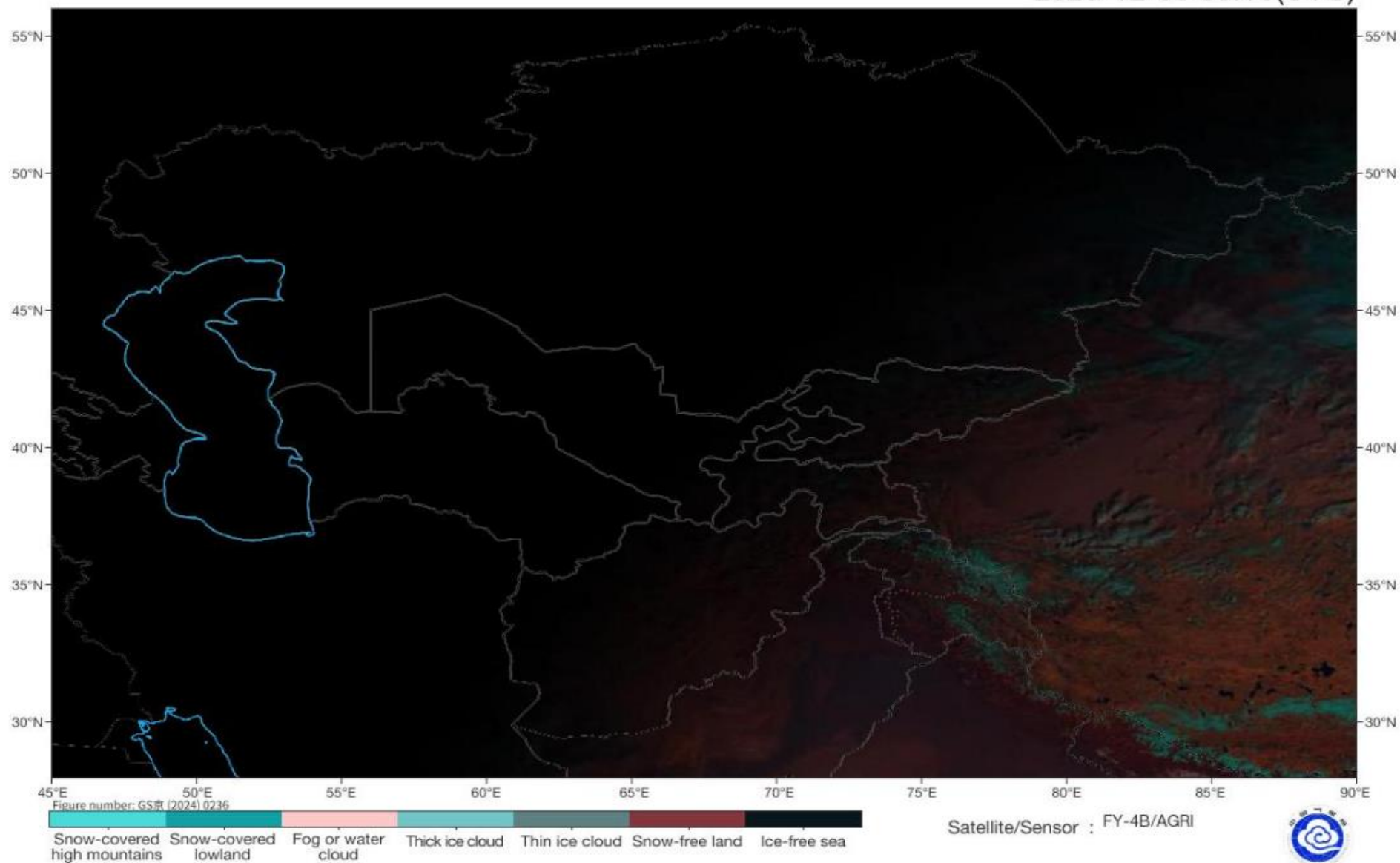
SAT : INSAT-3DR IMG
Visible Count 0.65 um
L1C Mercator

03-12-2025/(0345 to 0412) GMT
03-12-2025/(0915 to 0942) IST



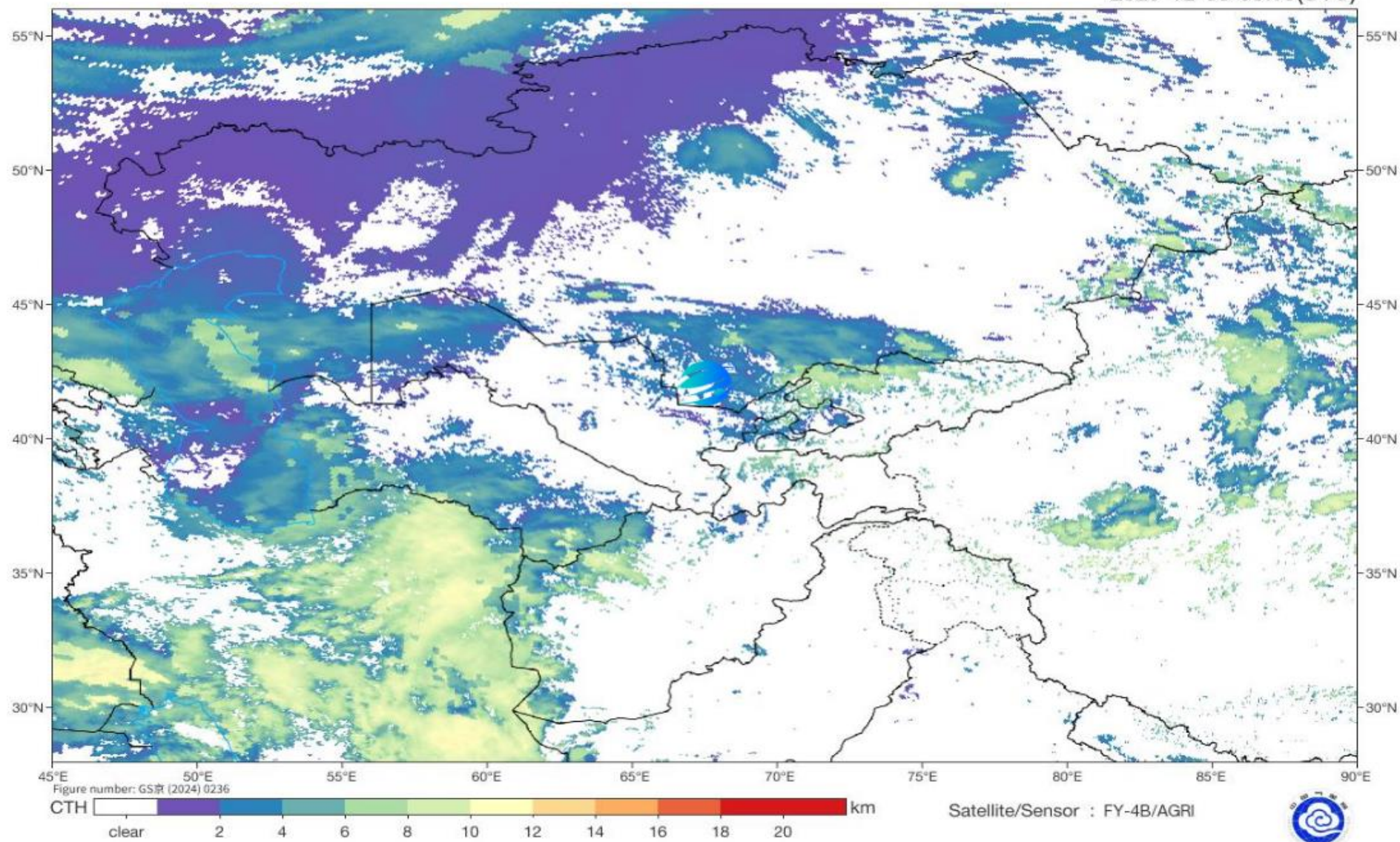
Fog Identification

2025-12-03 03:15(UTC)



Cloud Top Height

2025-12-03 03:15(UTC)



Live satellite map, Afghanistan

