



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



Daily reports of Satellite imagery analysis. Date & Time: 24/11/2025, 06:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	√ weak	X	X	
2	South	✓	X	X	X	X	√ weak	X	X	
3	West	✓	✓	X	X	X	√ weak	X	X	
4	East	✓	X	X	X	X	√ weak	X	X	
5	central	✓	✓	X	X	X	√ weak	X	X	
6	Northeast	✓	X	X	X	X	√ weak	X	X	
7	Southeast	✓	X	X	X	X	√ weak	X	X	
8	Northwest	✓	X	X	X	X	√ weak	X	X	
9	Southwest	✓	X	X	X	X	√ weak	X	X	

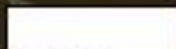
- **Details:** According to satellite imagery analysis, the all regions have warm air mass with (low UTH). The western and central areas have dust. The all regions have weak water vapor.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-11-23 20:30

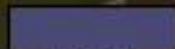
AirMass



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 (6.25)

G = IR (8.5)

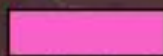
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

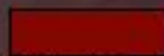


UTC : 2025-11-23 20:30

Dust



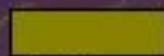
Dust



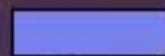
High-level cloud



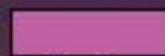
Thick,
mid-level cloud



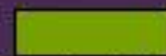
Thin,
mid-level cloud



Ocean



Land



Low-level cloud

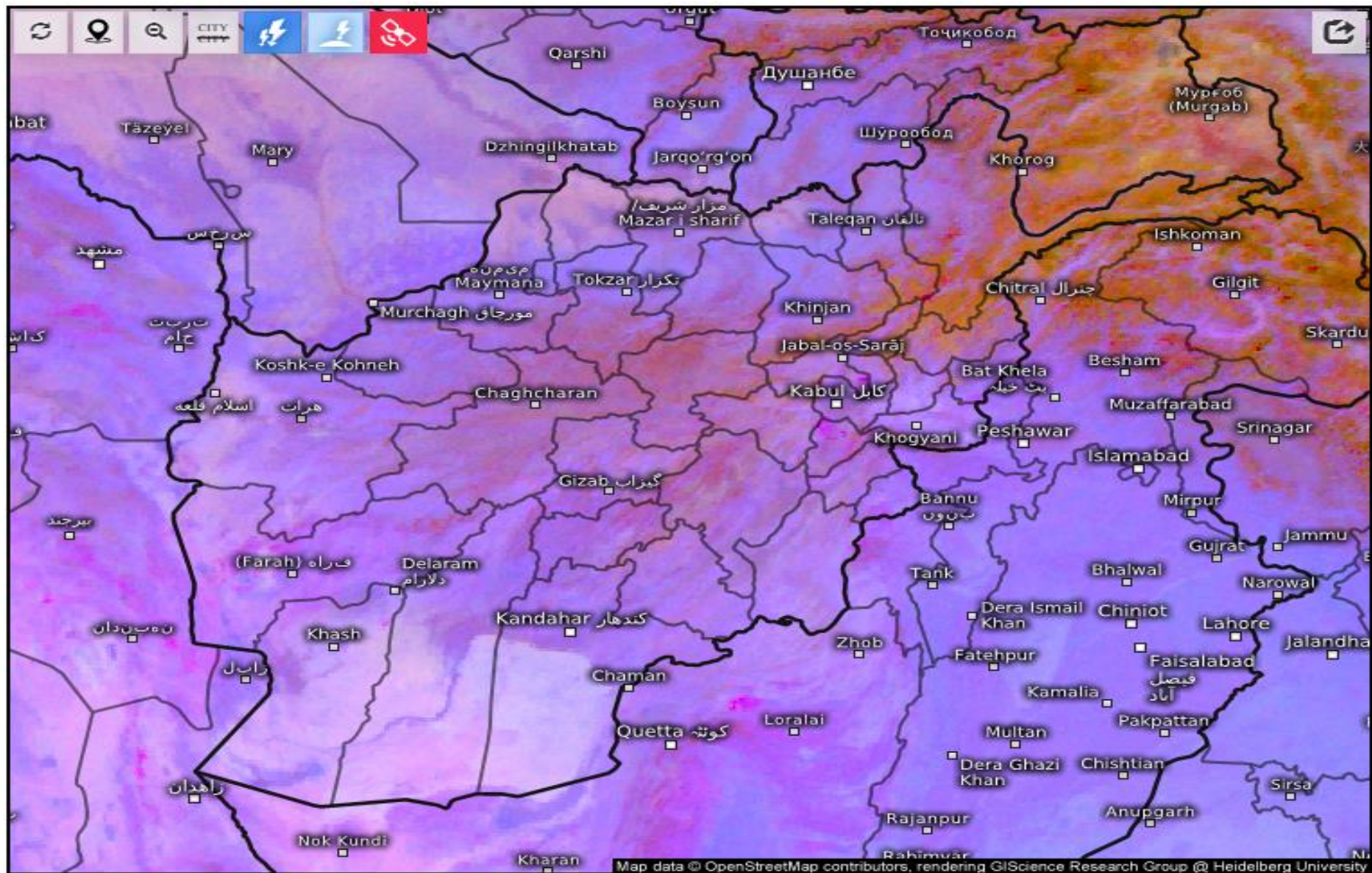


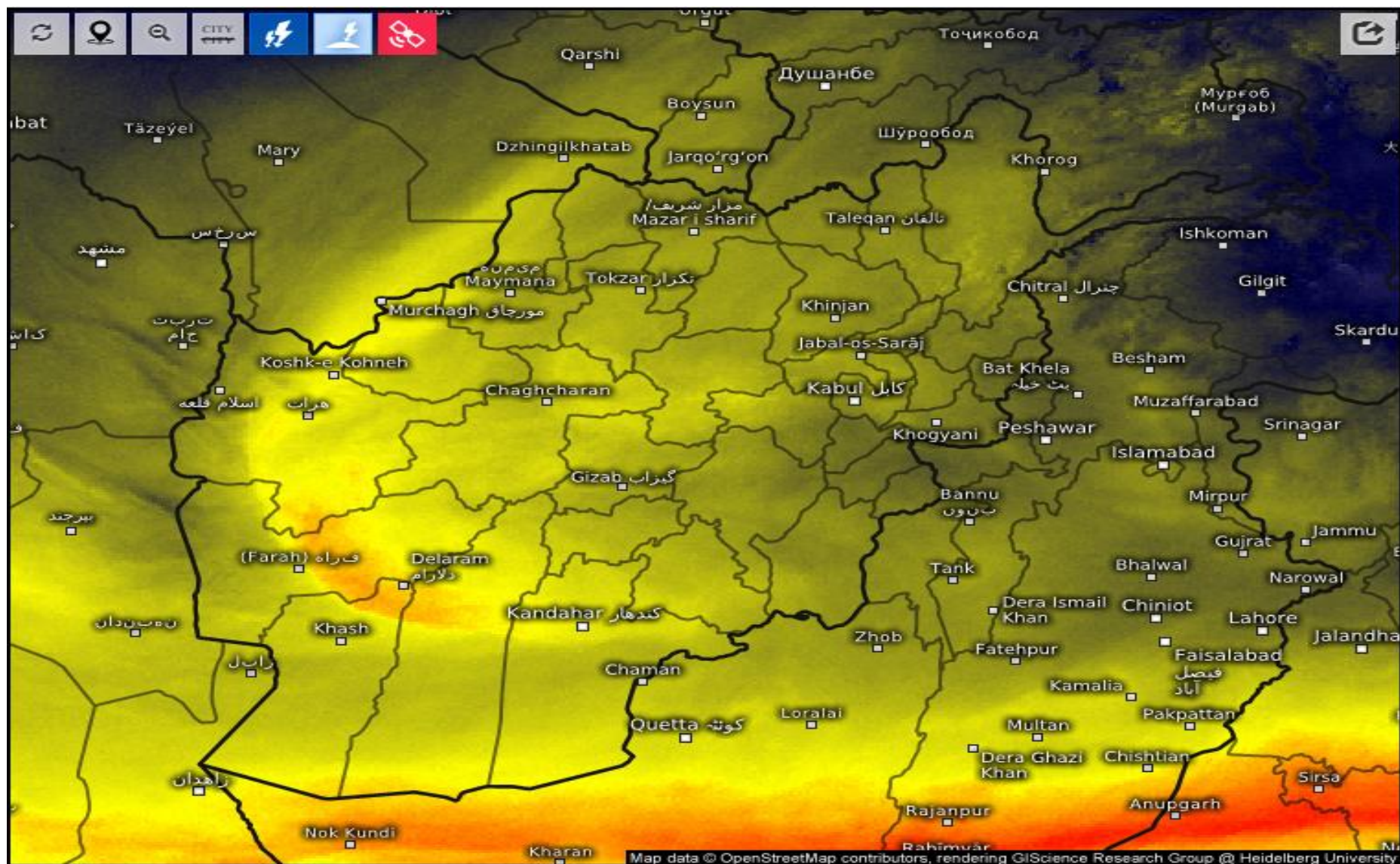
Cirrus

R = IR (12.0) - IR (10.8)
G = IR (10.8) - IR (10.4)
B = IR (10.8)

FY-4B Dust RGB Composite (From WMO)







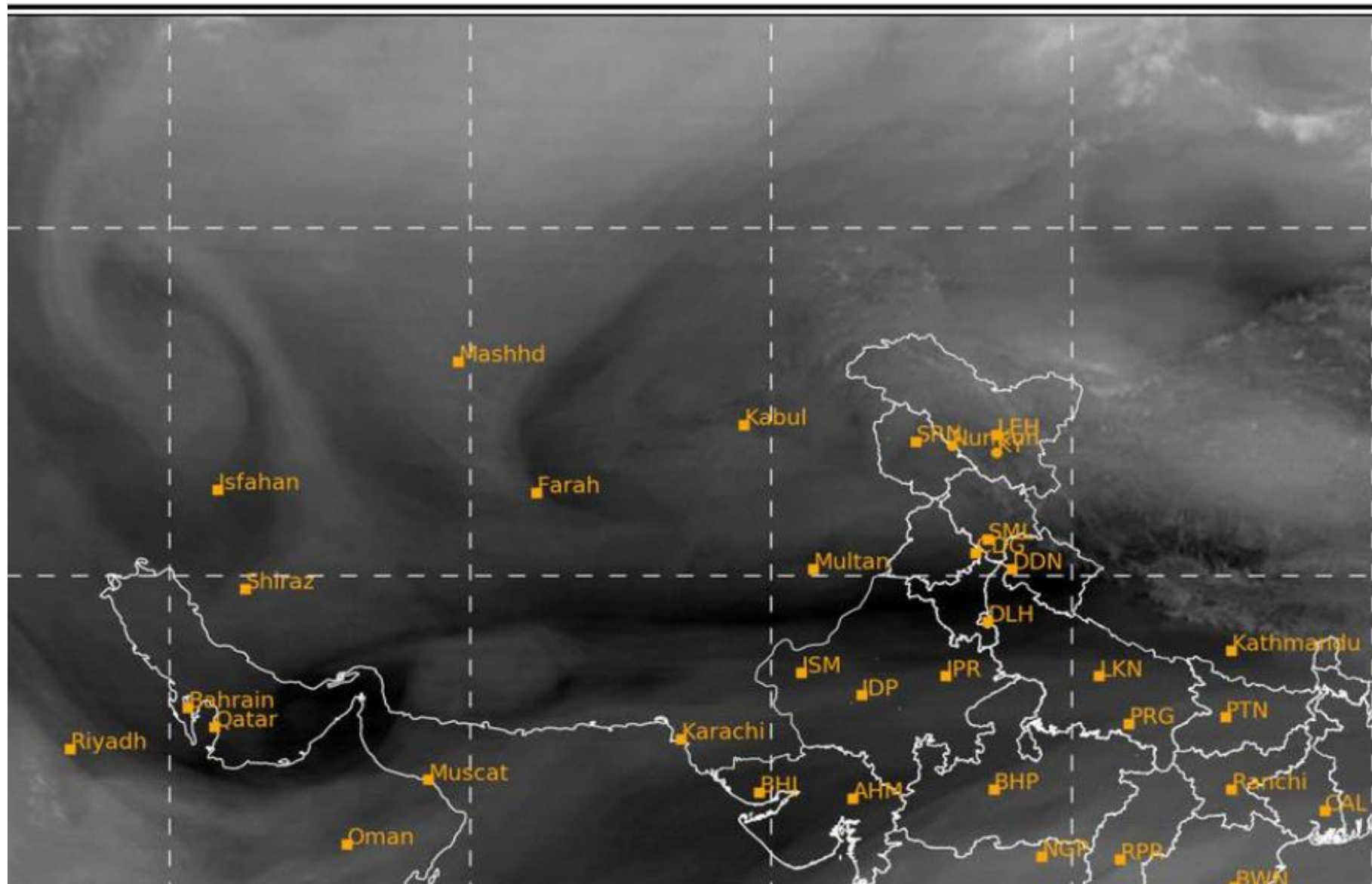
Satellite Water Vapor

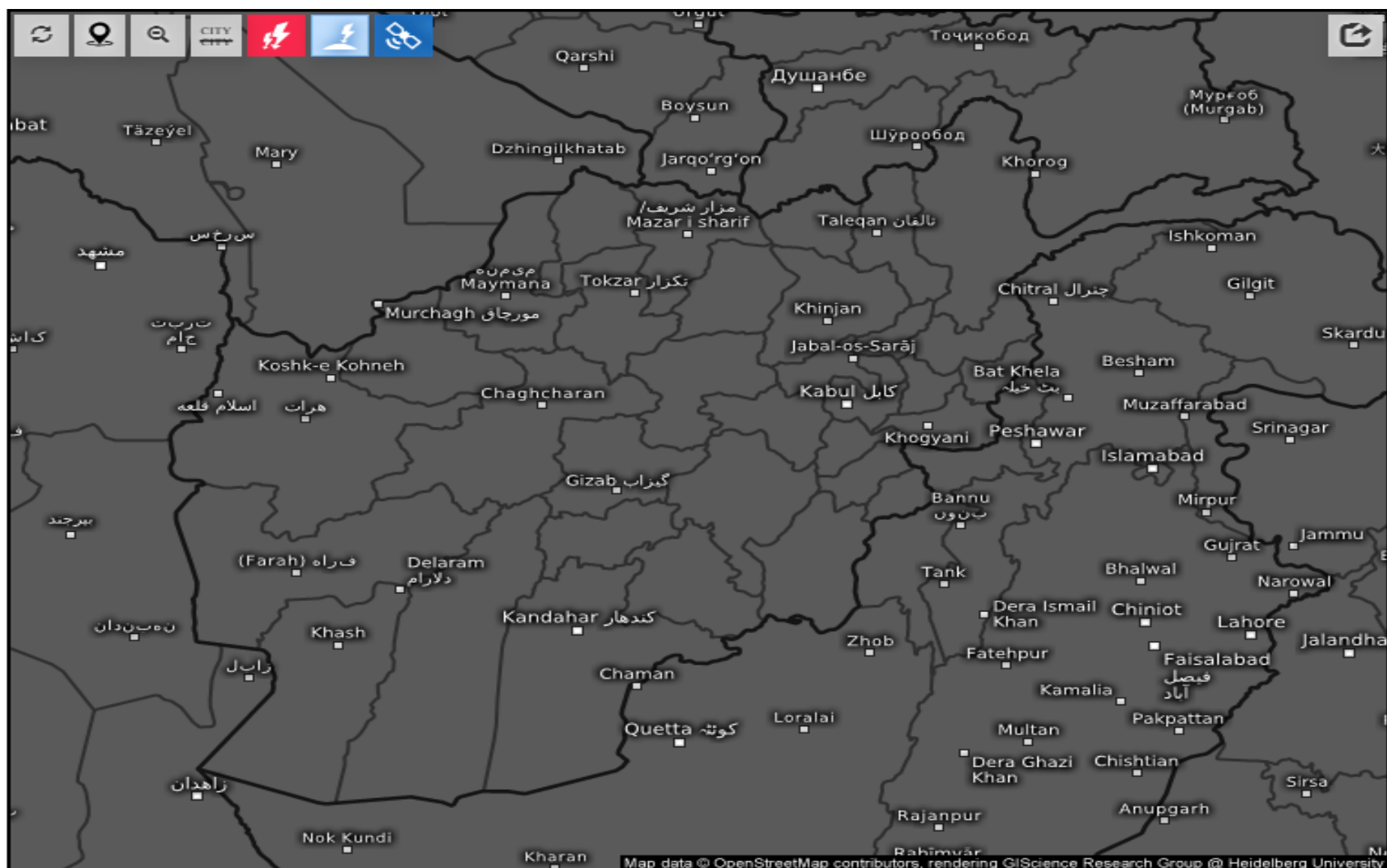
Mon 11/24/2025, 10:00am GMT+0430



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

24-11-2025/(0415 to 0442) GMT
24-11-2025/(0945 to 1012) IST





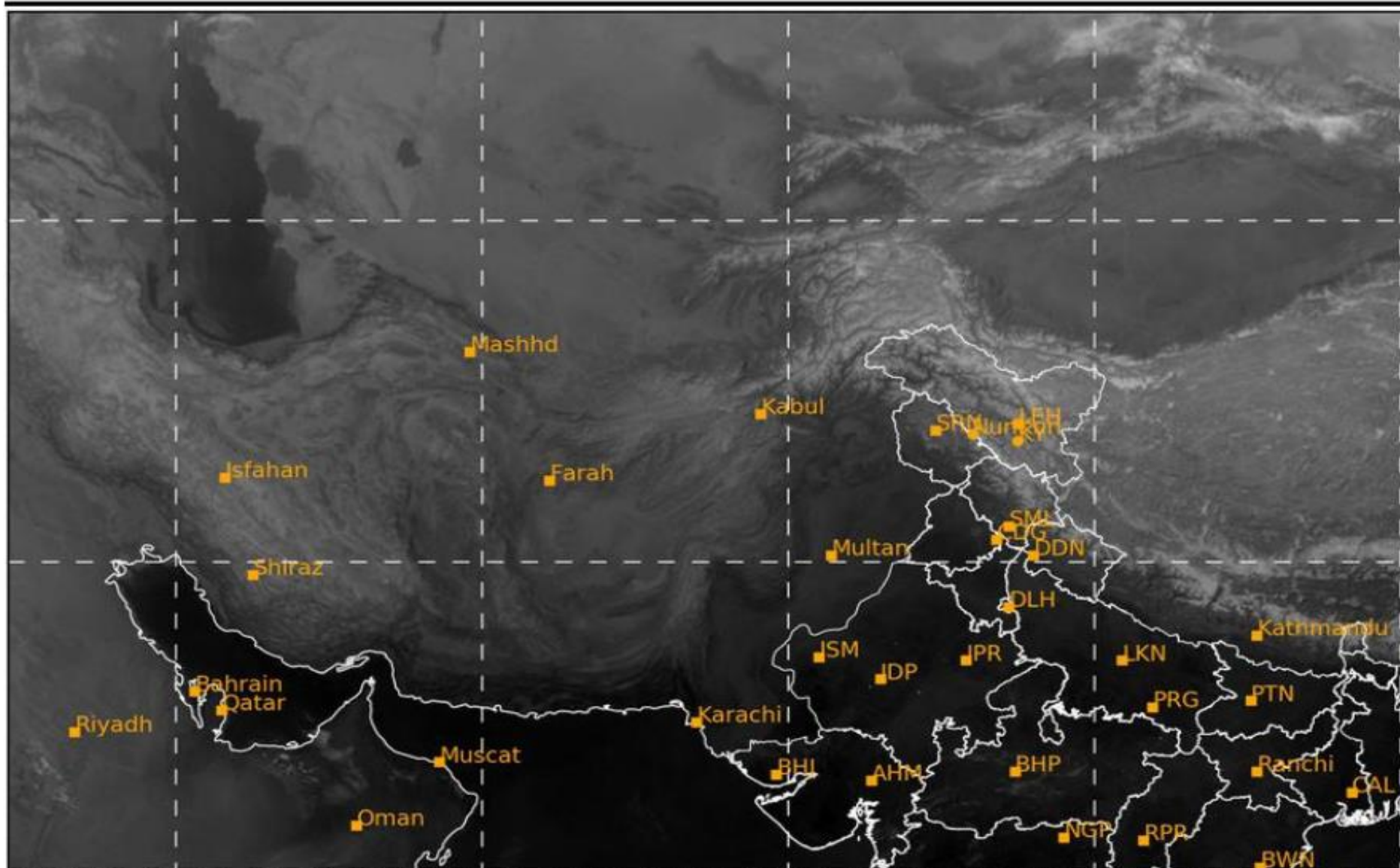
Age of lightning (minutes) 

Mon 11/24/2025, 10:10am GMT+0430



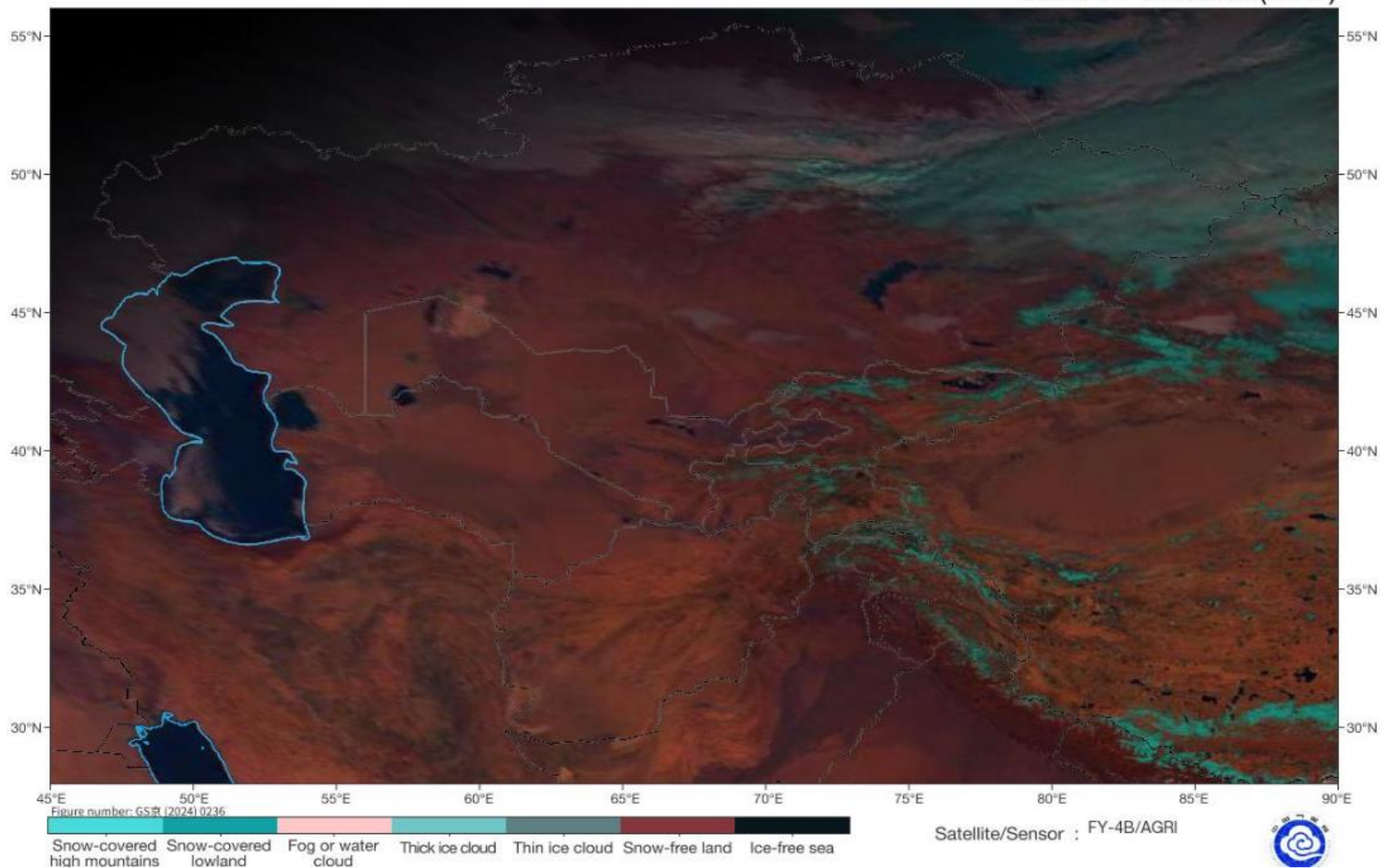
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

24-11-2025/(0415 to 0442) GMT
24-11-2025/(0945 to 1012) IST



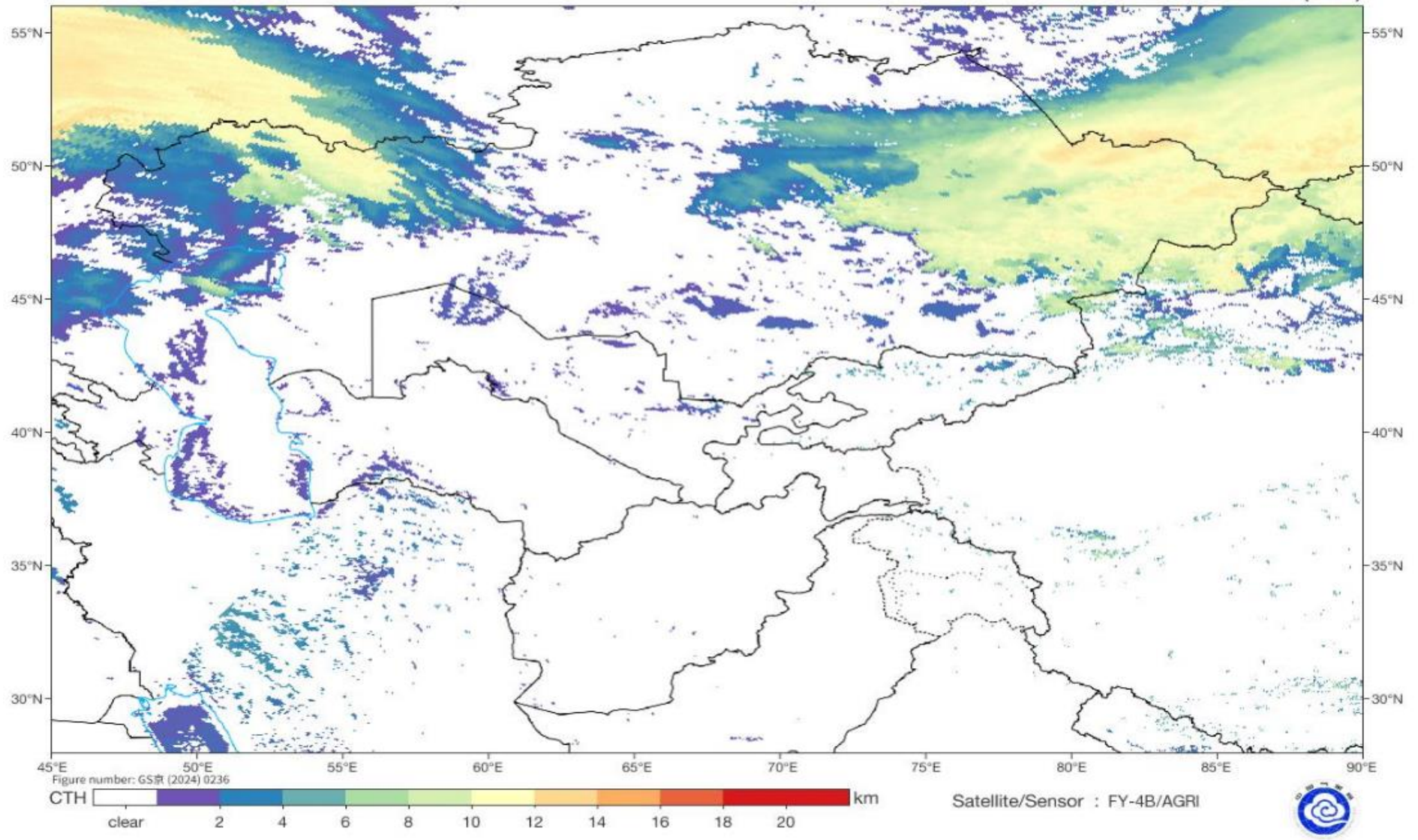
Fog Identification

2025-11-24 05:30(UTC)



Cloud Top Height

2025-11-24 05:00(UTC)



Live satellite map, Afghanistan

