



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



Daily reports of Satellite imagery analysis. Date & Time: 12/05/2025, 03:00 UTC, Number of reports: 967

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	X	√ Weak	X	X	
3	West	✓	✓	X	✓	X	√ Weak	X	X	
4	East	✓	X	X	X	X	√ moderate	X	X	
5	central	✓	✓	X	X	X	√ Weak	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	√ Weak	X	X	
9	Southwest	X	X	X	X	X	√ Weak	X	X	

Details: According to satellite imagery analysis, the northern, western, eastern, central, northeastern, northwestern, and southwestern areas have warm air mass. The western, central, southeastern, and northwestern areas have dust. Some parts of western areas have partly cloudy sky. The eastern and northeastern areas have moderate water vapor. The northern, southern, western, central, southeastern, northwestern, and southwestern areas have weak water vapor.

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

- Reported by: Sayed Taher Atlas

UTC : 2025-05-12 00:45

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 = WV (6.25) - WV (7.1)

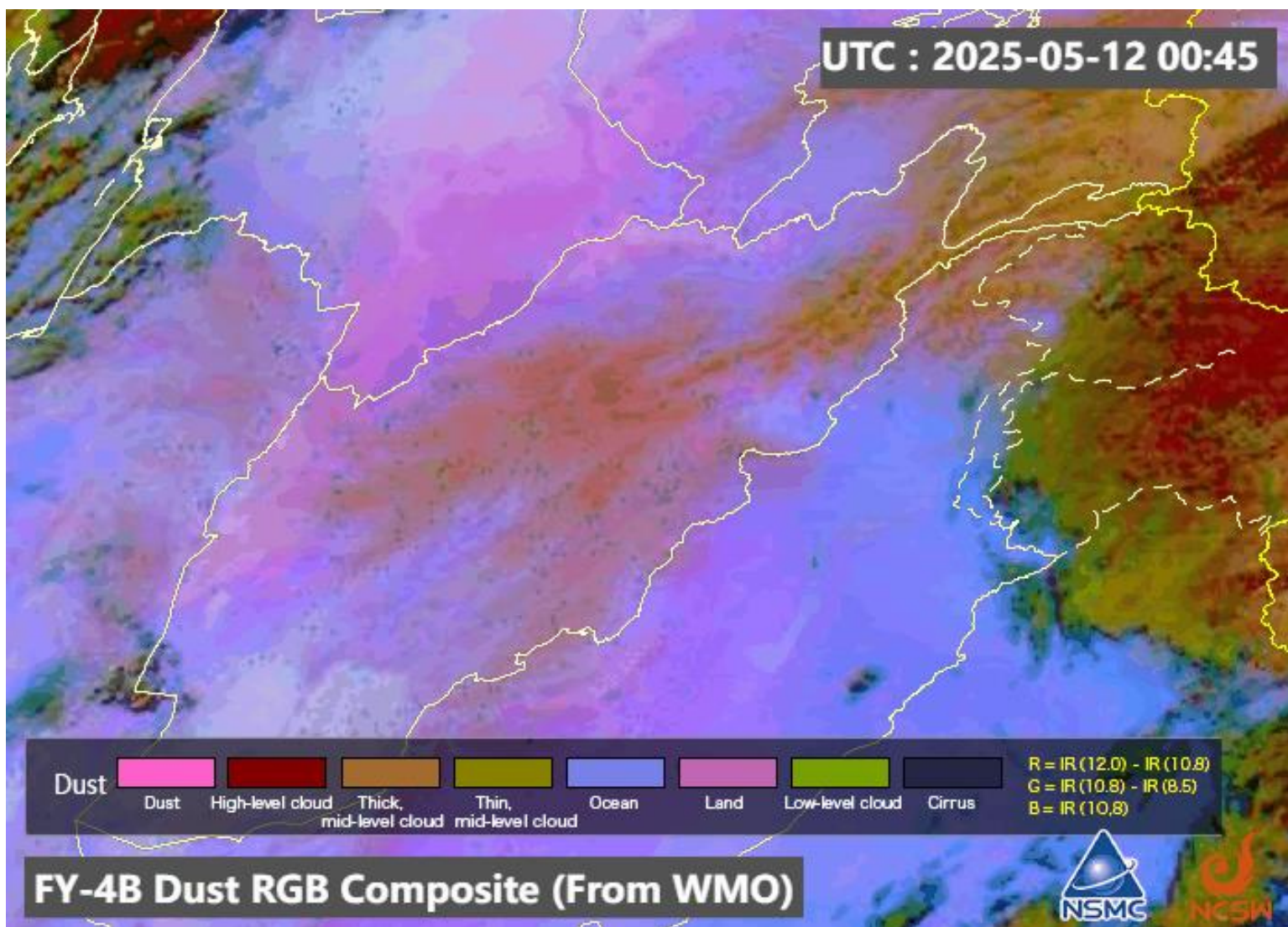
G = IR (8.5) - IR (10.8)

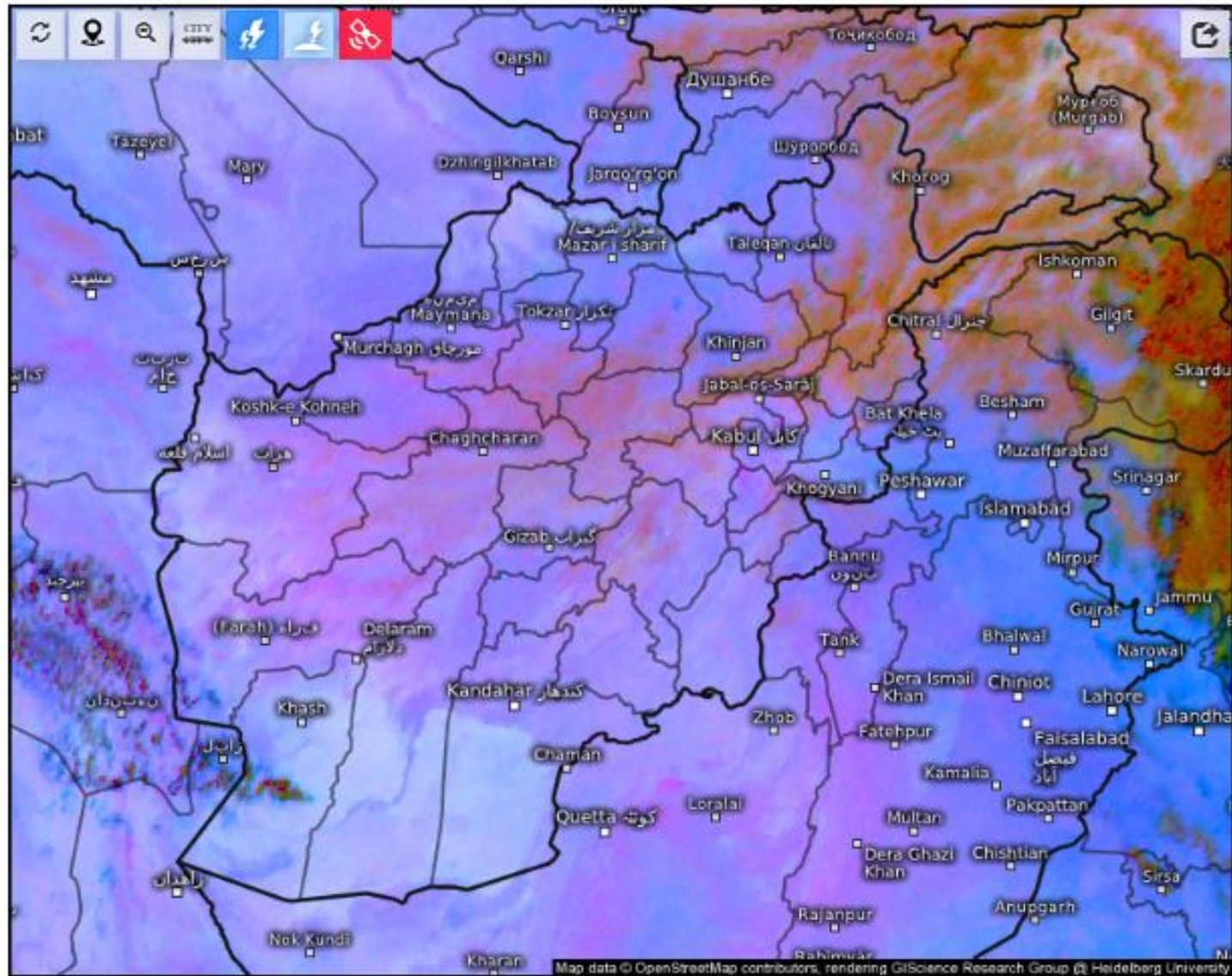
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



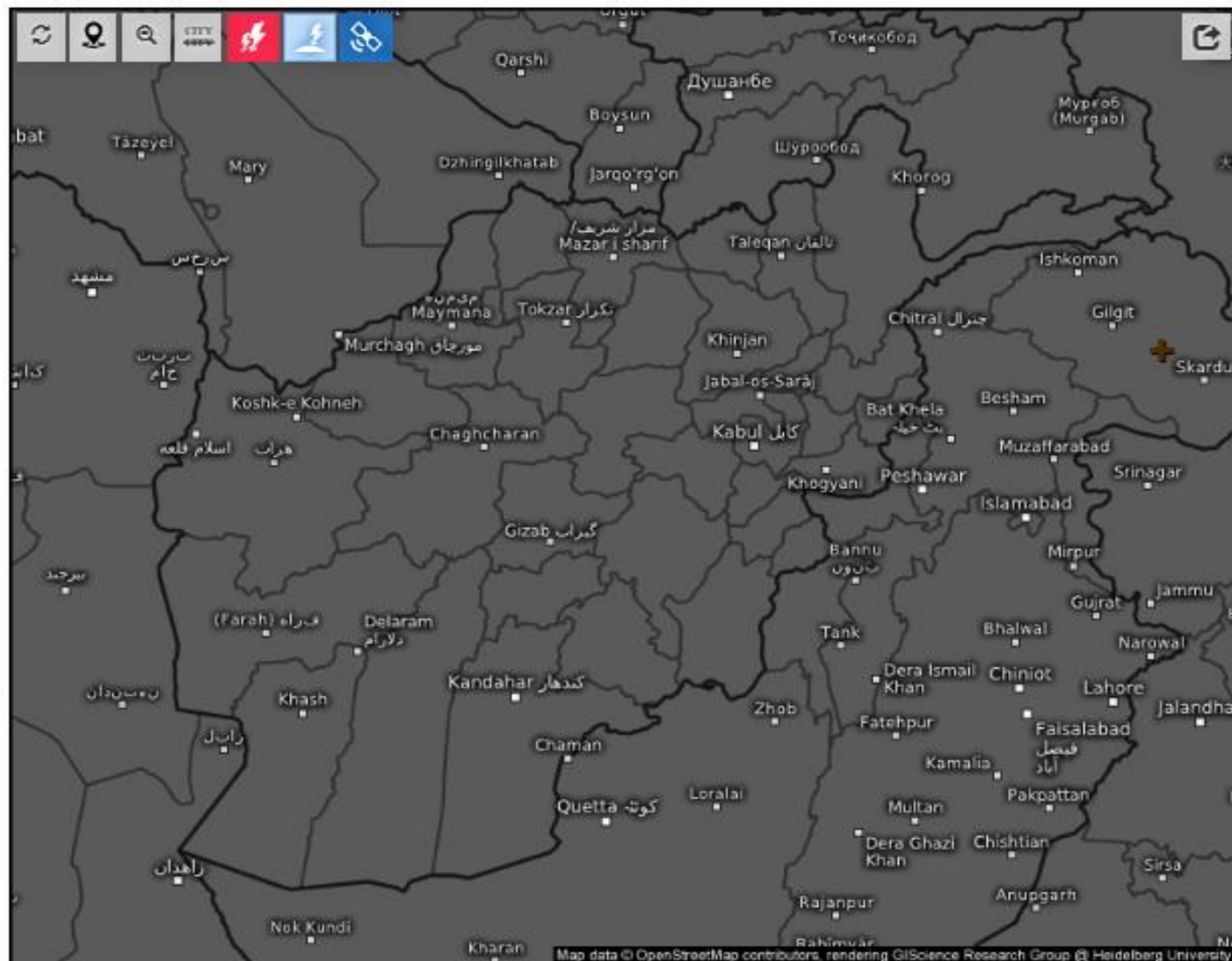
UTC : 2025-05-12 00:45





Satellite Dust 

Mon 05/12/2025, 07:30am GMT+0430

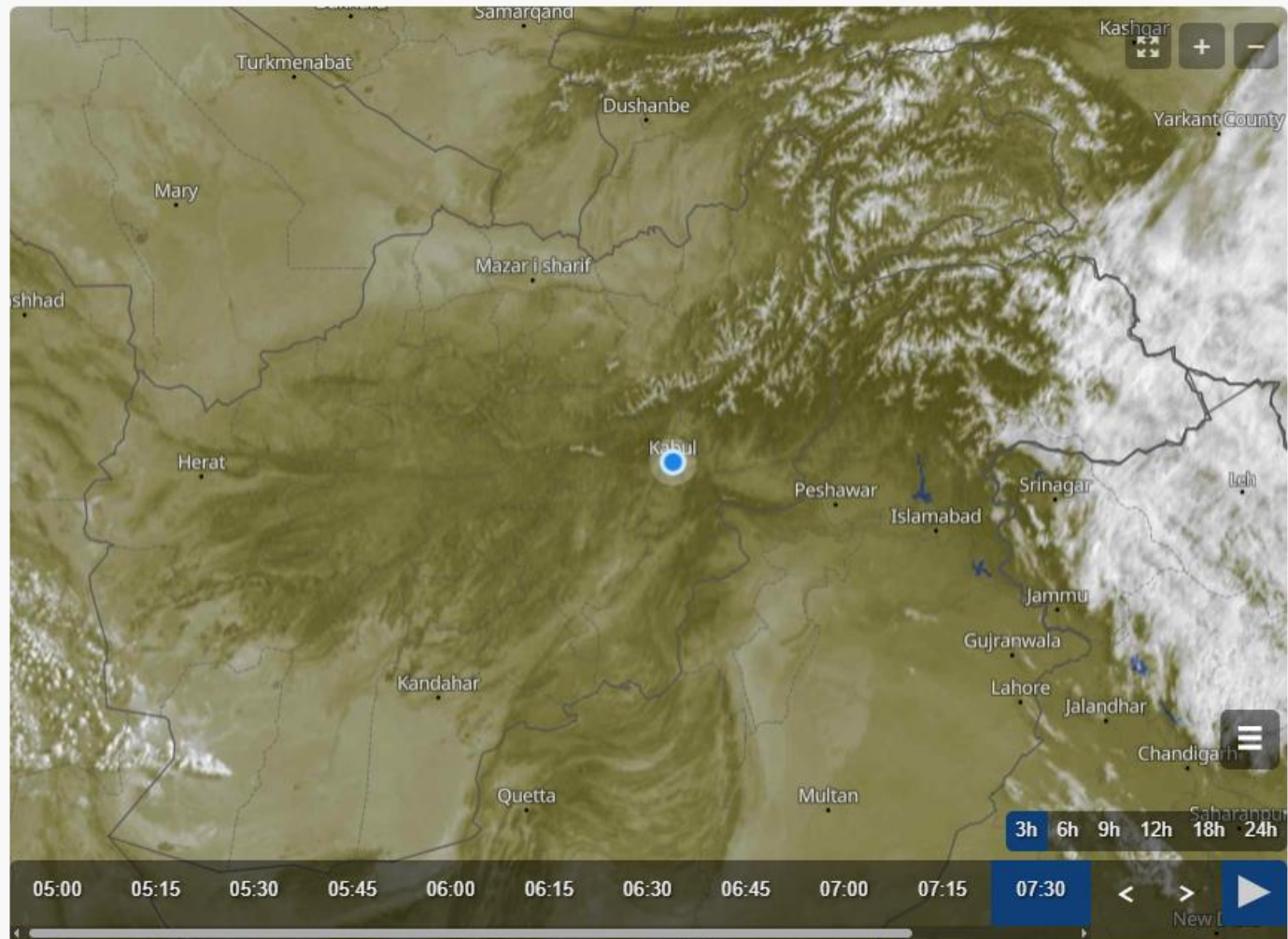


Age of lightning (minutes) ⓘ

Mon 05/12/2025, 07:30am GMT+0430

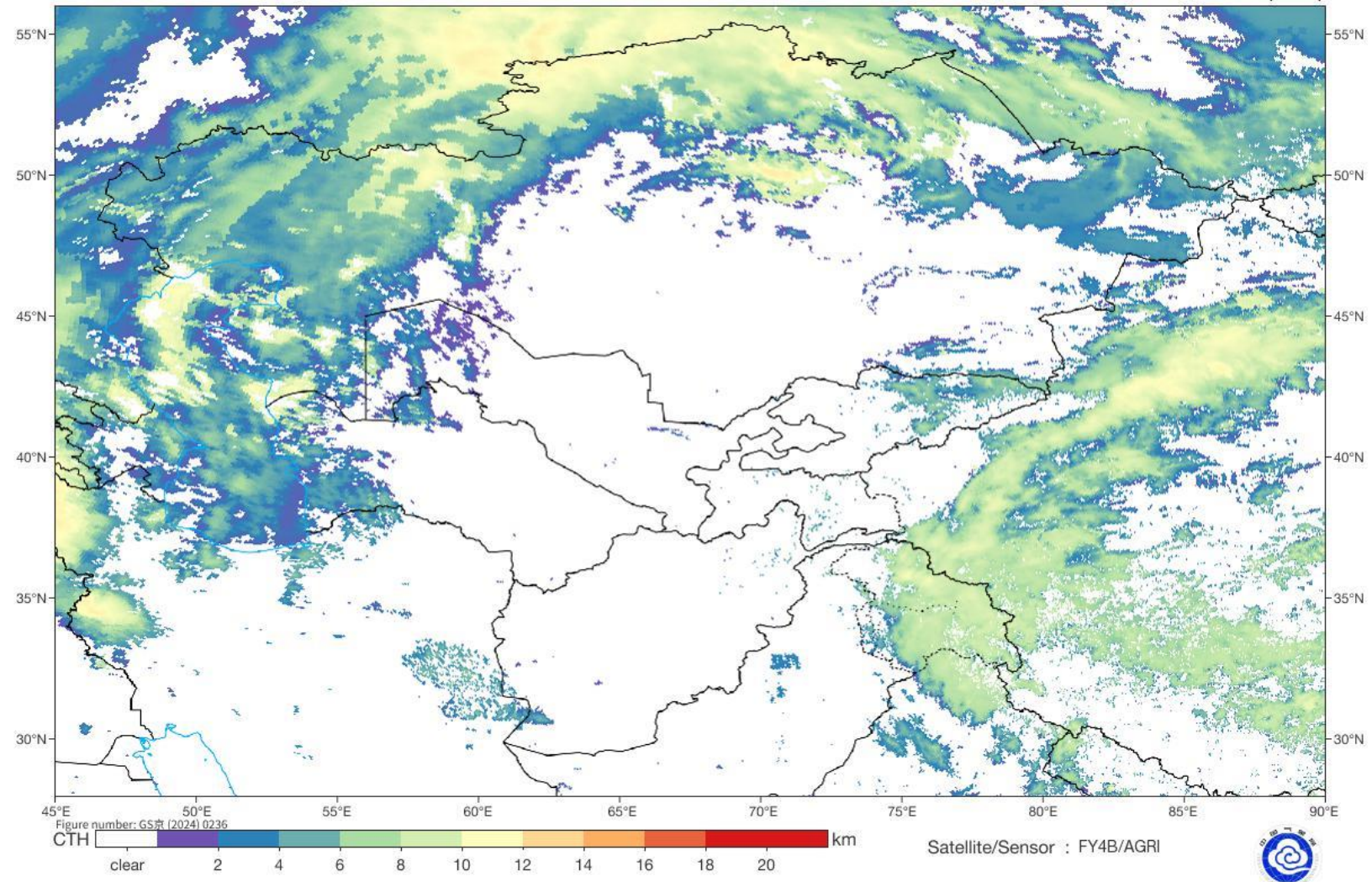


Live satellite map, Afghanistan



Cloud Top Height

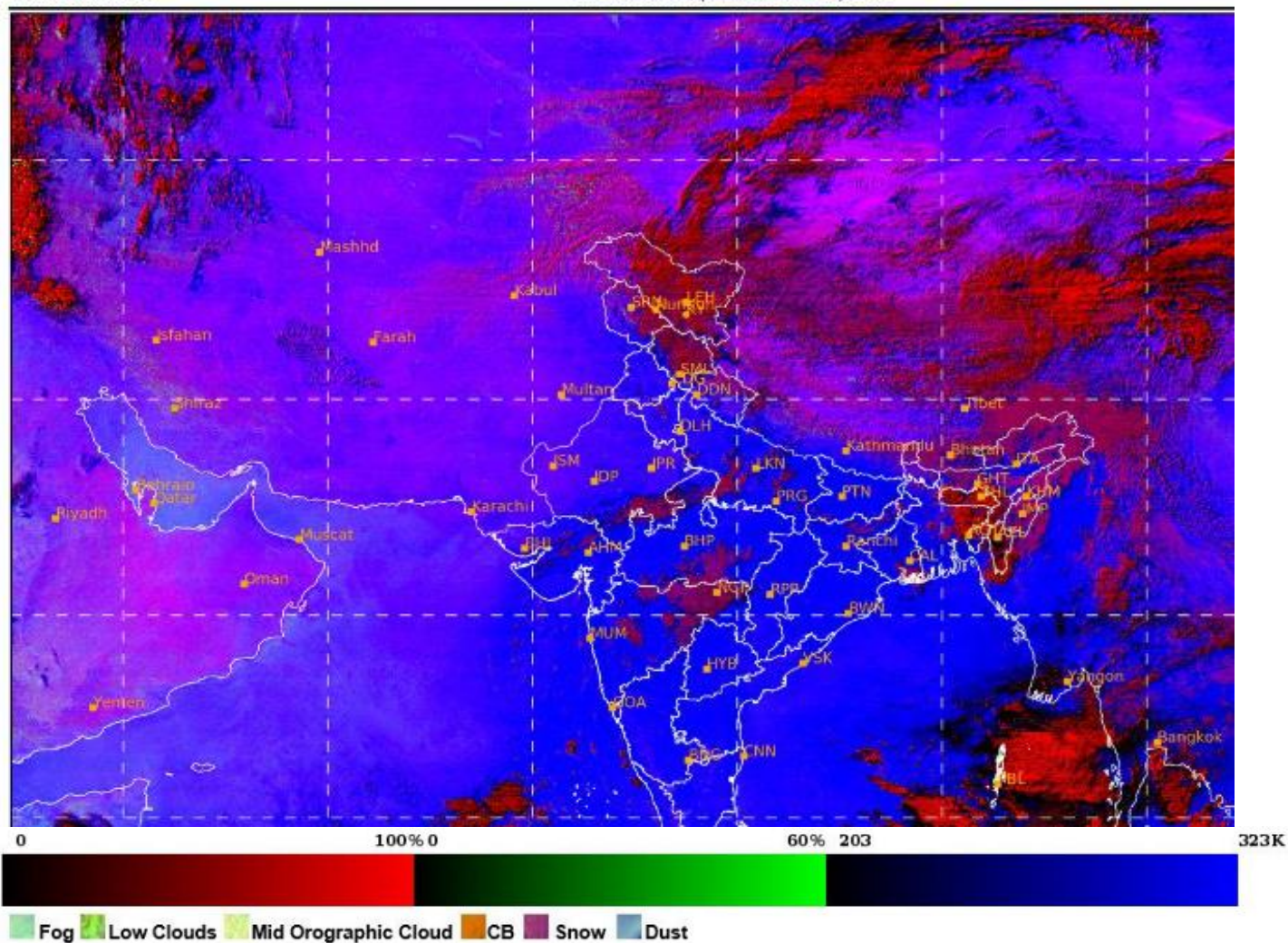
2025-05-12 03:00(UTC)



12-05-2025/(0245 to 0312) GMT

IR_BT (C), TIR1_BT (B)

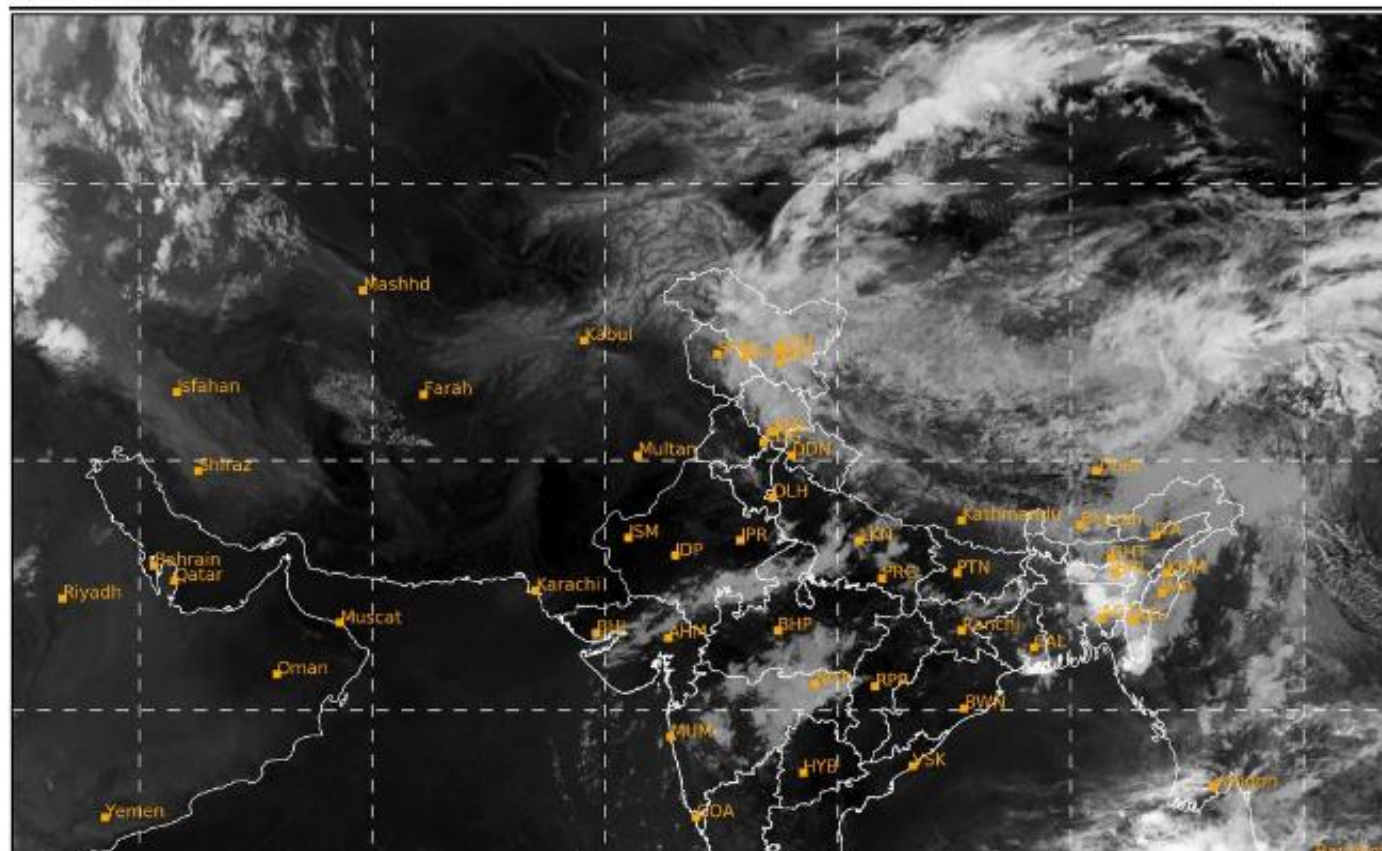
12-05-2025/(0815 to 0842) IST



12-05-2025/(0245 to 0312) GMT

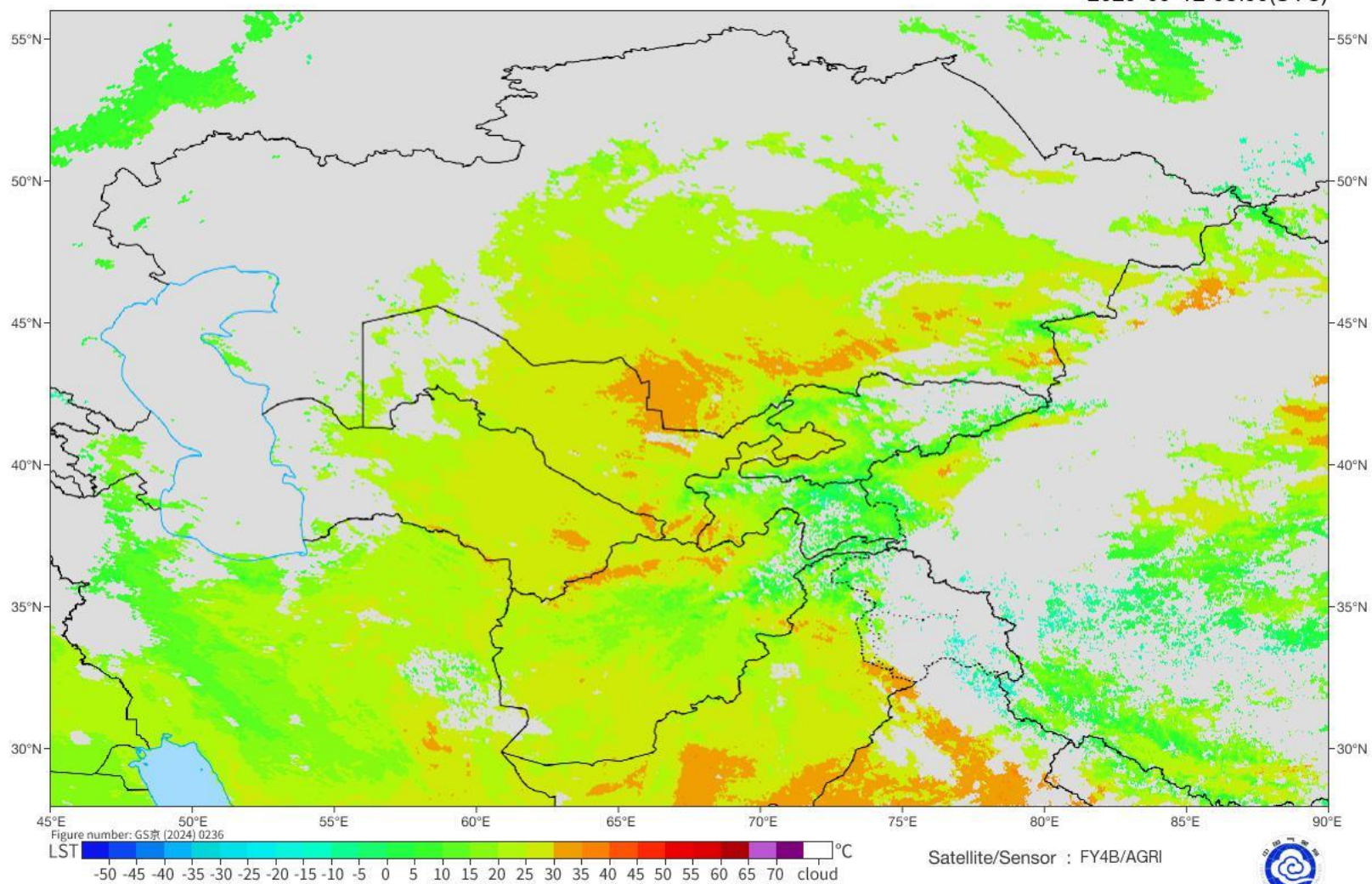
12-05-2025/(0815 to 0842) IST

L1C Mercator



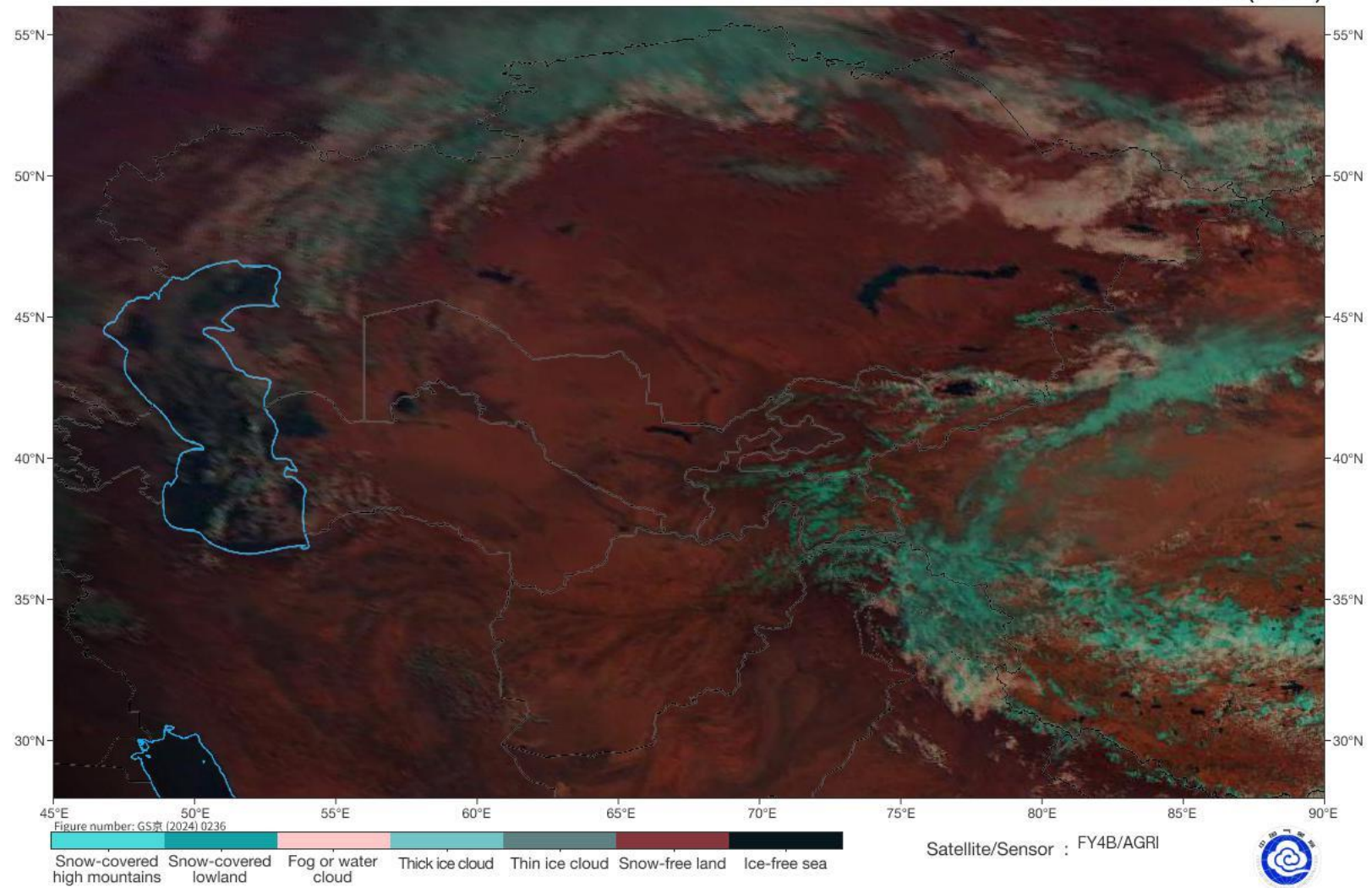
Land Surface Temperature

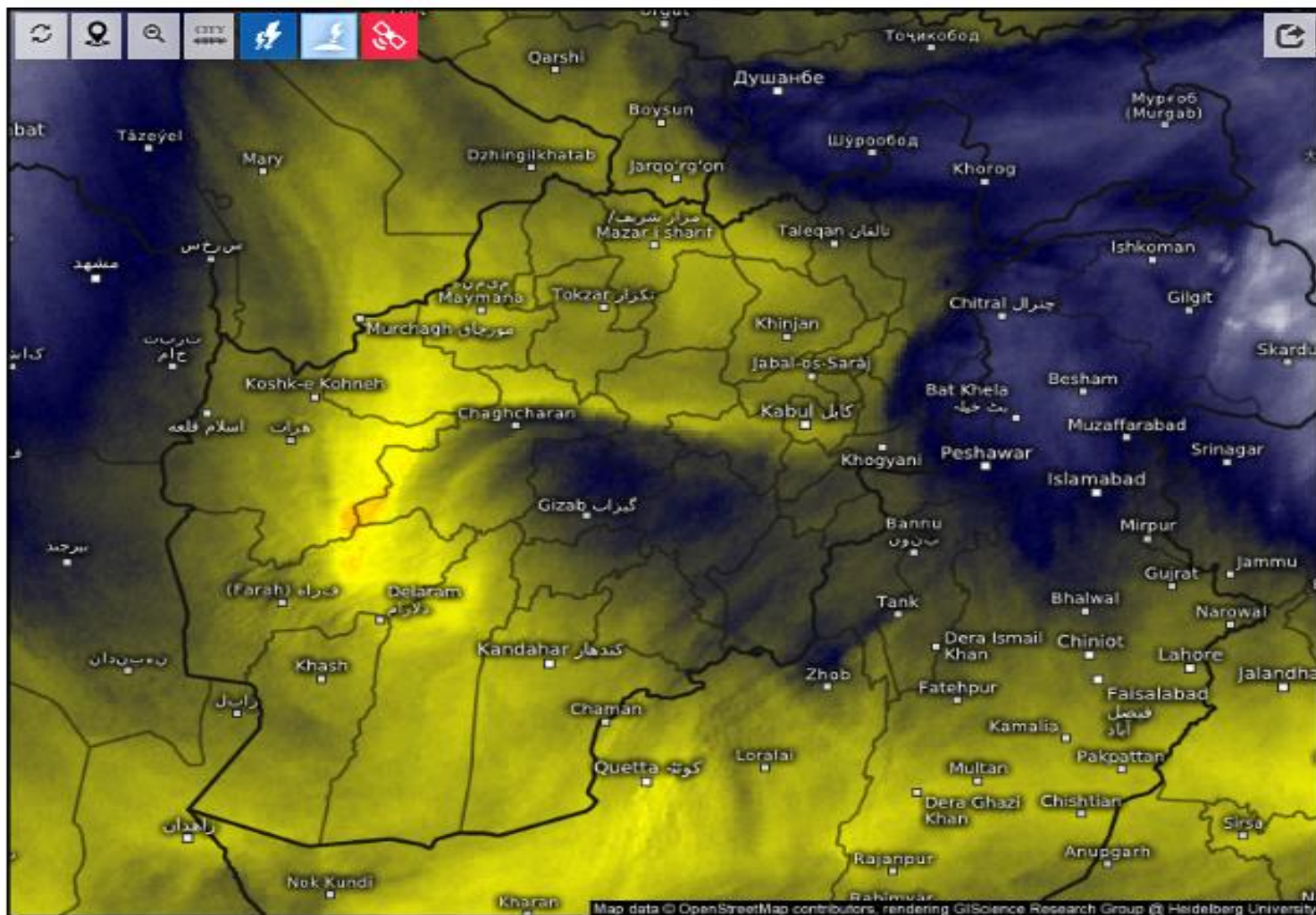
2025-05-12 03:00(UTC)



Fog Identification

2025-05-12 03:00(UTC)





Satellite Water Vapor

Mon 05/12/2025, 07:30am GMT+0430

