



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



Satellite General Management

Daily reports of Satellite imagery analysis. Date & Time: 20/12/2025, 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	✓ wet/cold	X	X	
2	South	✓	X	X	✓	X	✓ moderate	X	X	
3	West	✓	X	X	✓	X	✓ moderate	X	X	
4	East	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	✓	X	✓ moderate	X	X	
9	Southwest	✓	X	X	X	X	✓ weak	X	X	

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

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-12-19 12:30

AirMass

Thick,
high-level cloud

Thick,
mid-level cloud

Thick,
low-level cloud

Jet

Cold Airmass

Warm Airmass
(high UTH)

Warm Airmass
(low UTH)

FY-4B AirMass RGB Composite (From WMO)

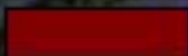


UTC : 2025-12-19 12:30

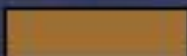
Dust



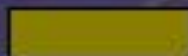
Dust



High-level cloud



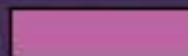
Thick,
mid-level cloud



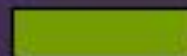
Thin,
mid-level cloud



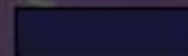
Ocean



Land



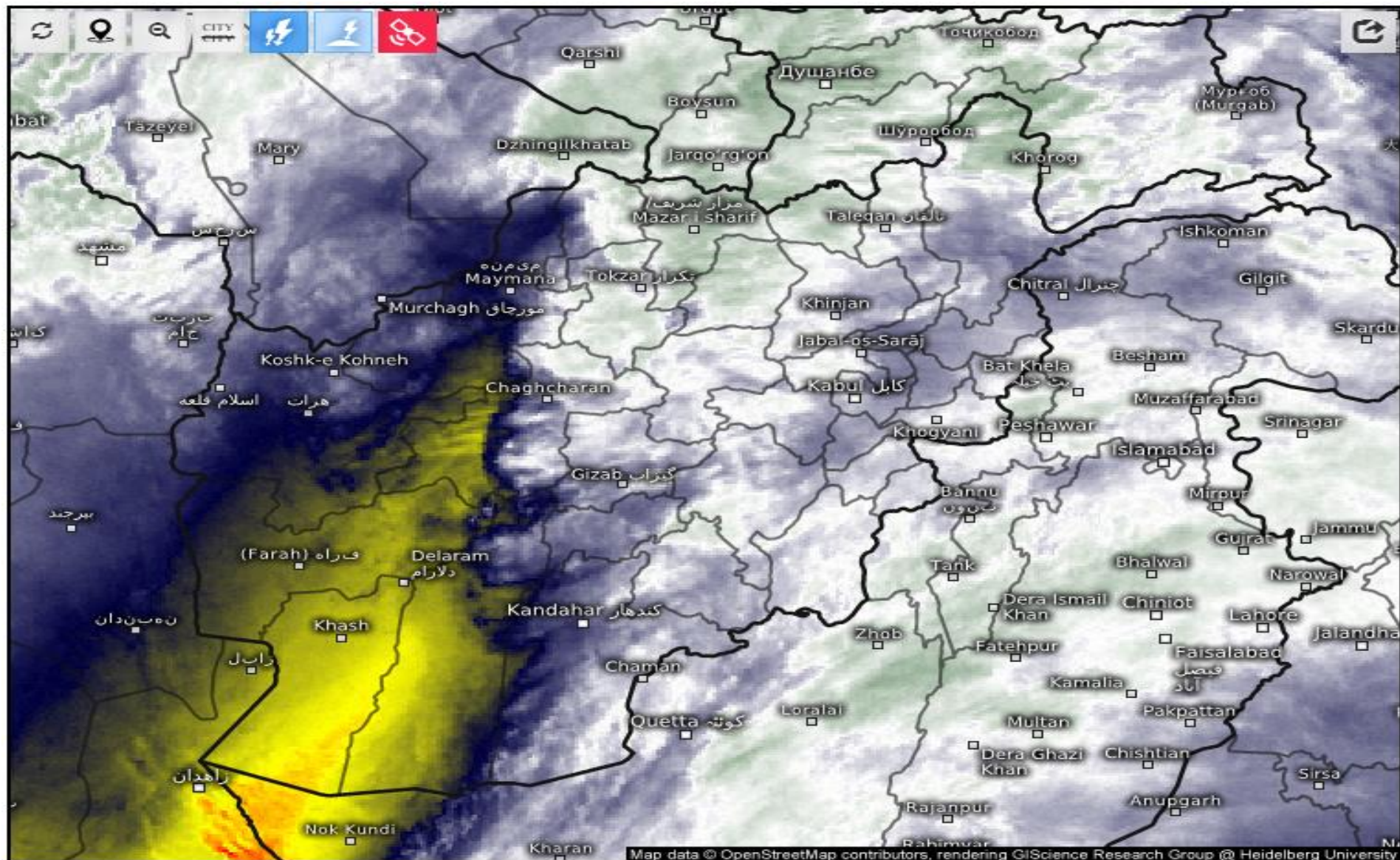
Low-level cloud



Cirrus

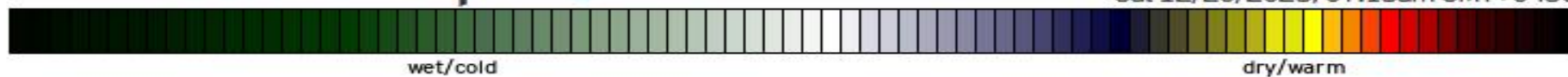
FY-4B Dust RGB Composite (From WMO)





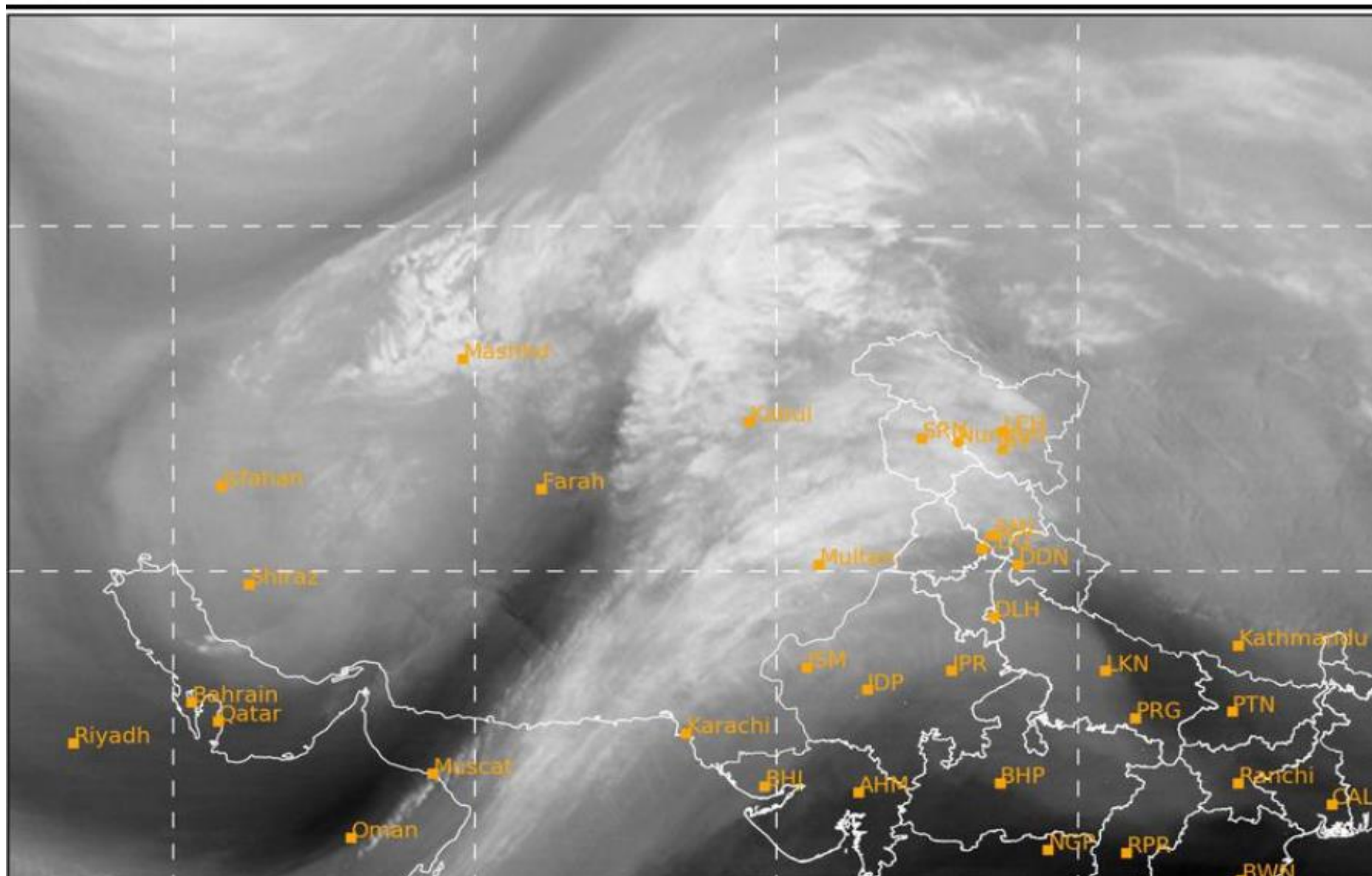
Satellite Water Vapor

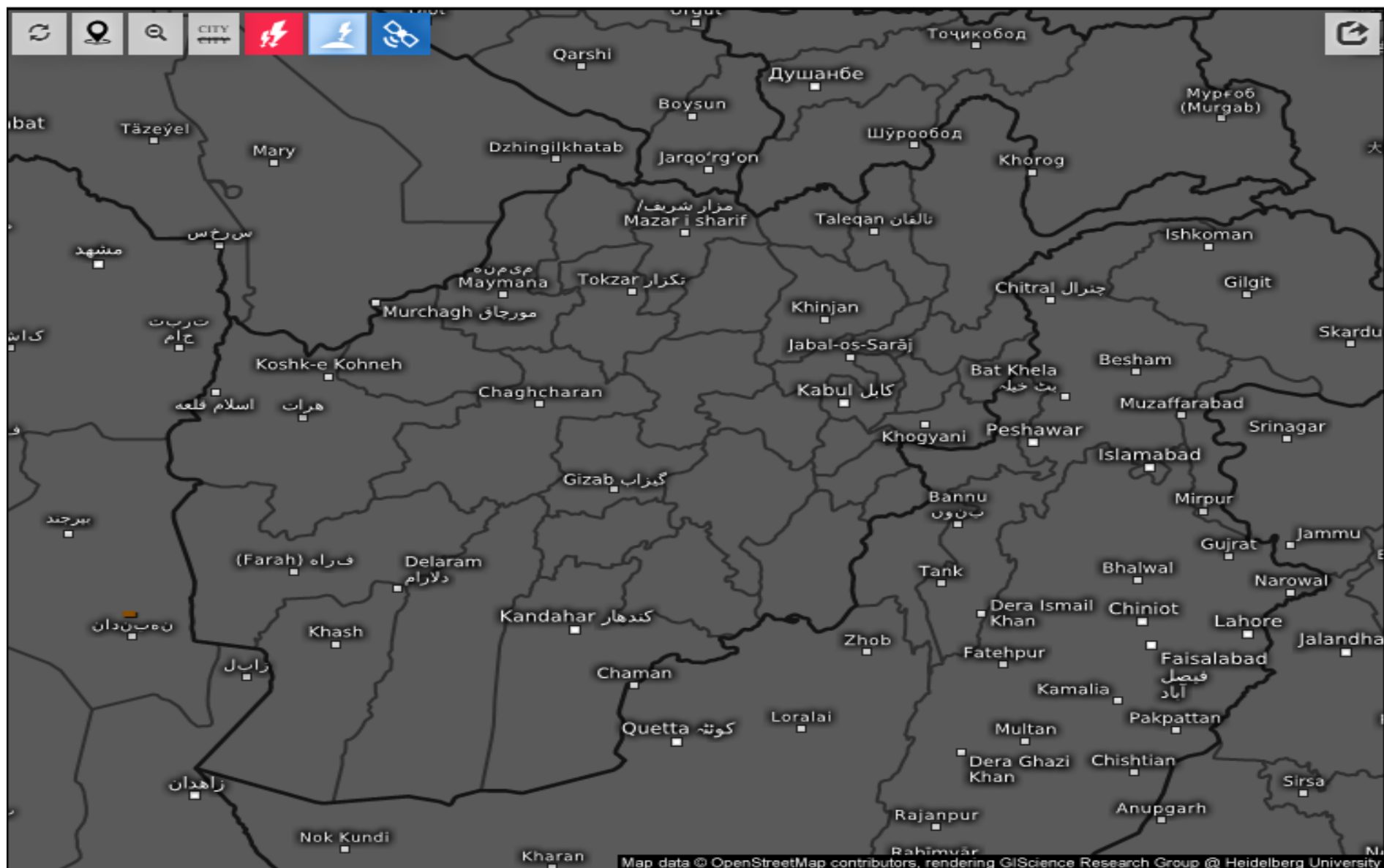
Sat 12/20/2025, 07:15am GMT+0430



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

20-12-2025/(0315 to 0342) GMT
20-12-2025/(0845 to 0912) IST





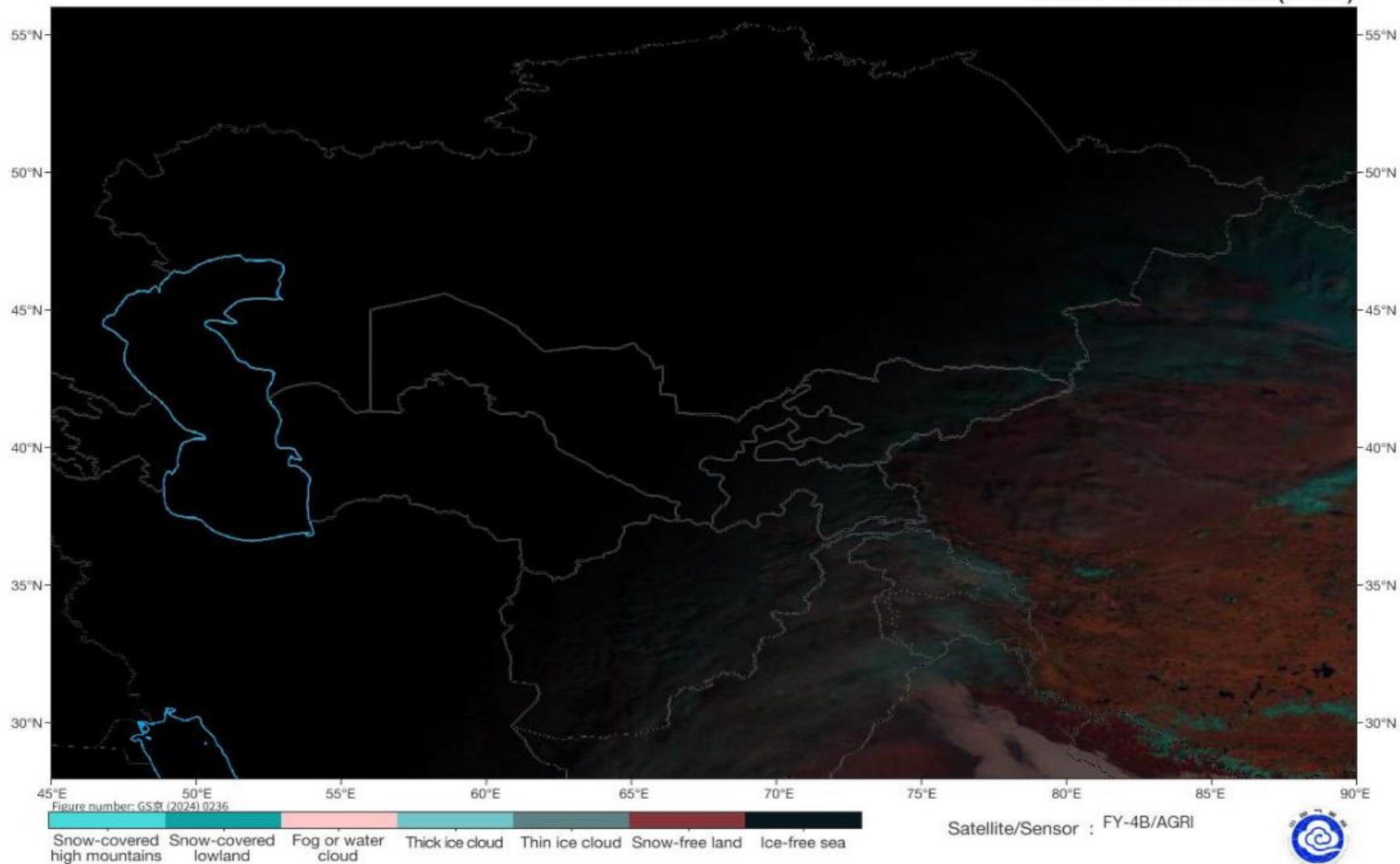
Age of lightning (minutes) 

Sat 12/20/2025, 07:20am GMT+0430



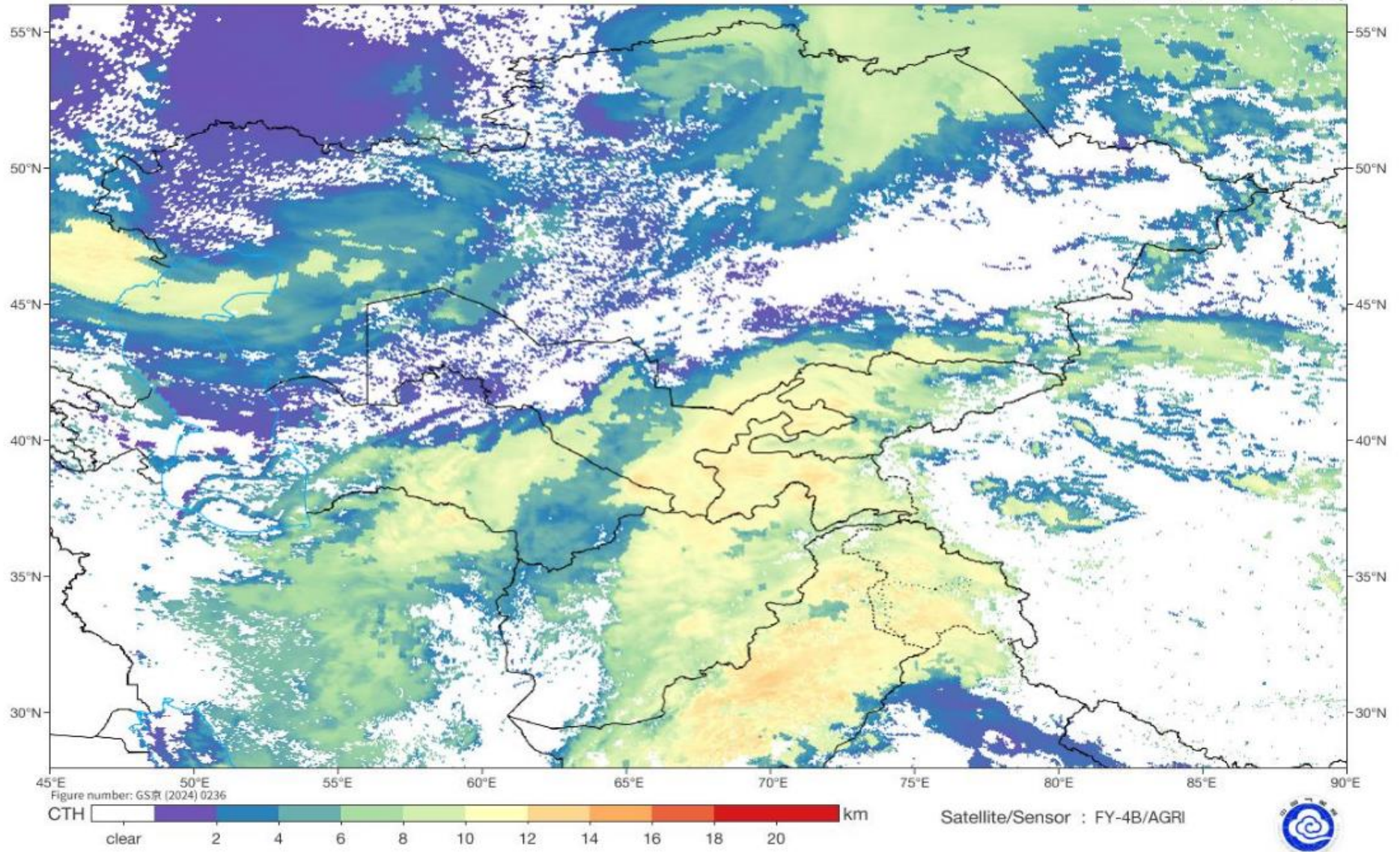
Fog Identification

2025-12-20 03:30(UTC)



Cloud Top Height

2025-12-20 03:15(UTC)



Live satellite map, Afghanistan

