



**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, 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	√ moderate	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	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	

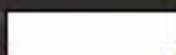
- Details:** According to satellite imagery analysis, the northern, central, northeastern, southeastern regions have warm air mass with (low UTH). The northern, southern, western, northwestern and southwestern regions have cold air mass. The southern, western, eastern, southeastern, northwestern, southwestern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

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

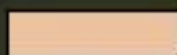
- Reported by: Esmatullah Mohammadi

UTC : 2025-12-02 20:45

AirMass



Thick,  
high-level cloud



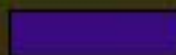
Thick,  
mid-level cloud



Thick,  
low-level cloud



Jet



Cold Airmass



Warm Airmass  
(high UTH)



Warm Airmass  
(low UTH)

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

FY-4B AirMass RGB Composite (From WMO)



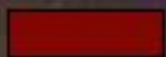


UTC : 2025-12-02 20:45

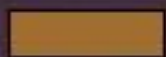
Dust



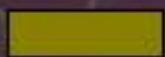
Dust



High-level cloud



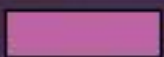
Thick,  
mid-level cloud



Thin,  
mid-level cloud



Ocean



Land



Low-level cloud



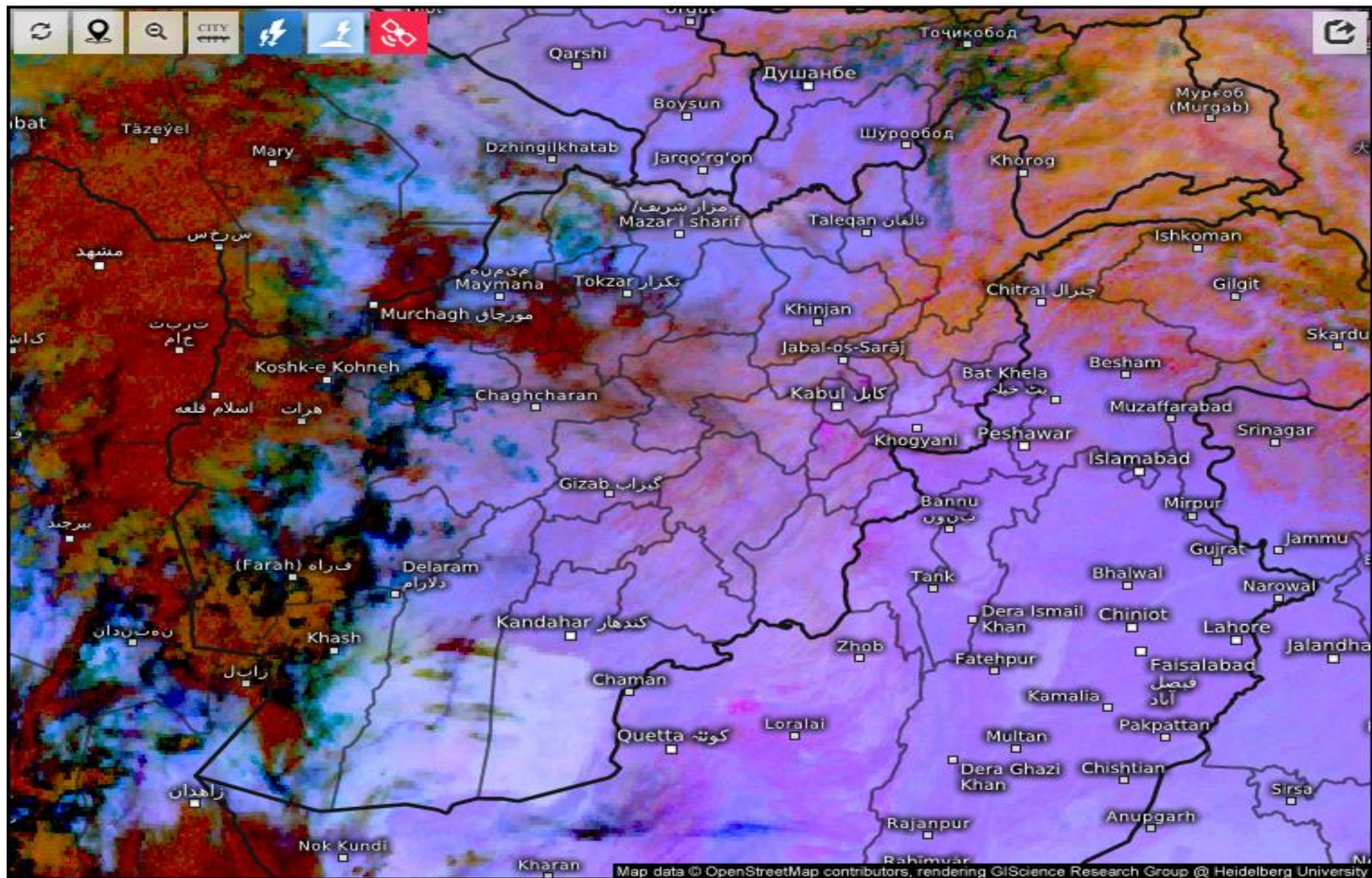
Cirrus

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

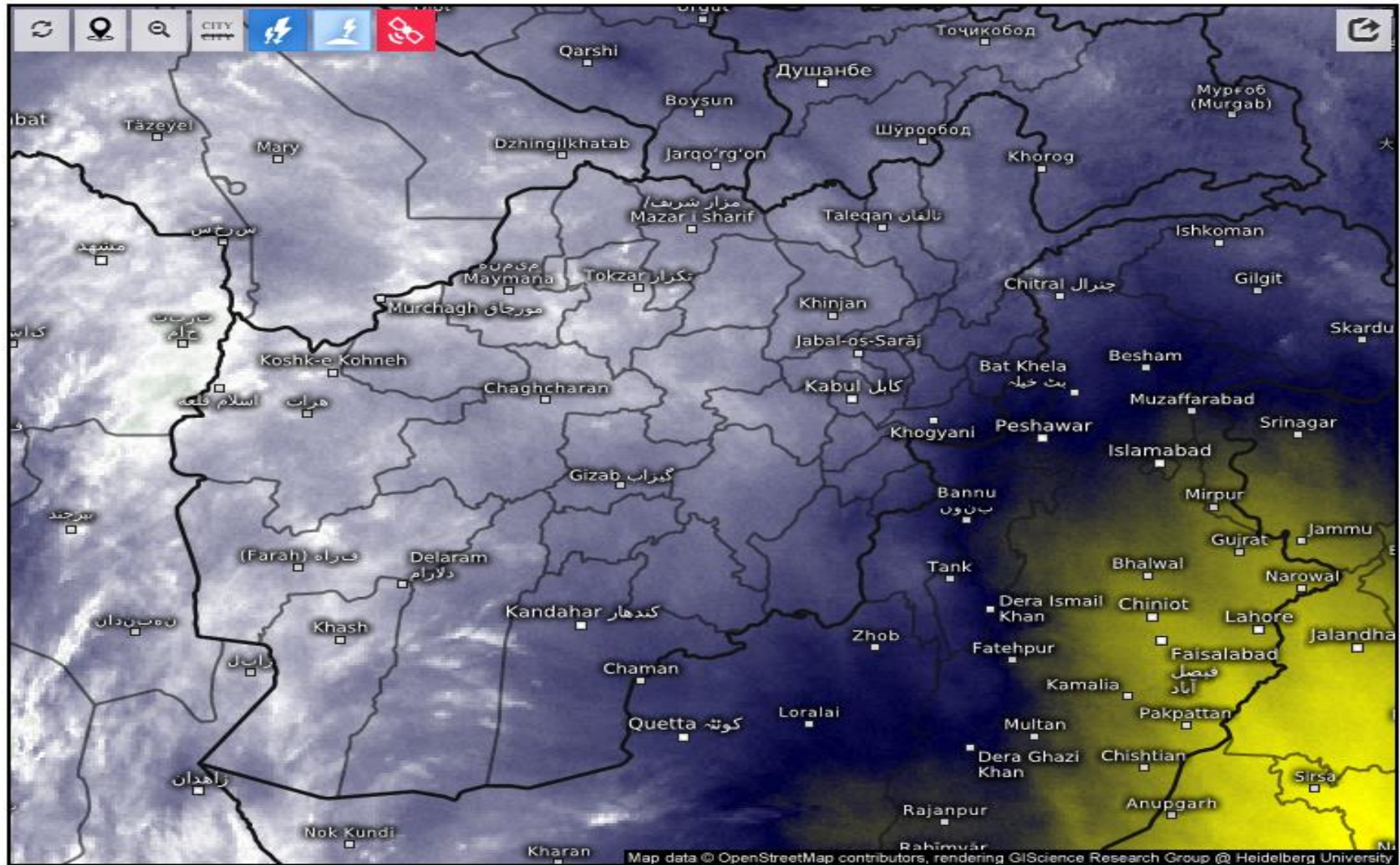
FY-4B Dust RGB Composite (From WMO)





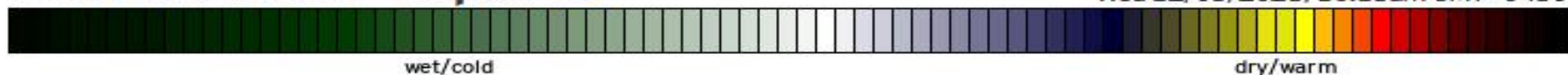






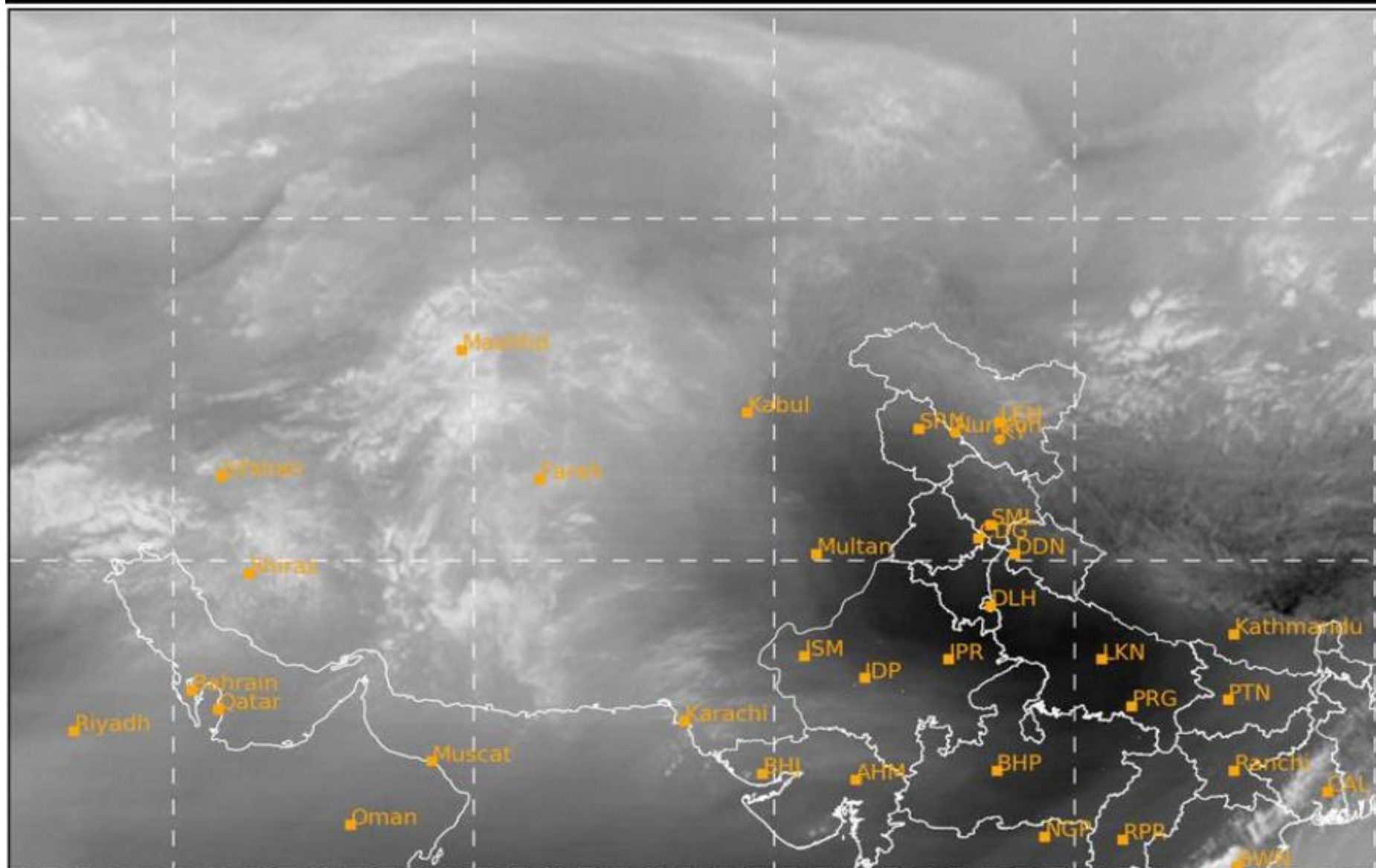
## Satellite Water Vapor

Wed 12/03/2025, 10:15am GMT+0430

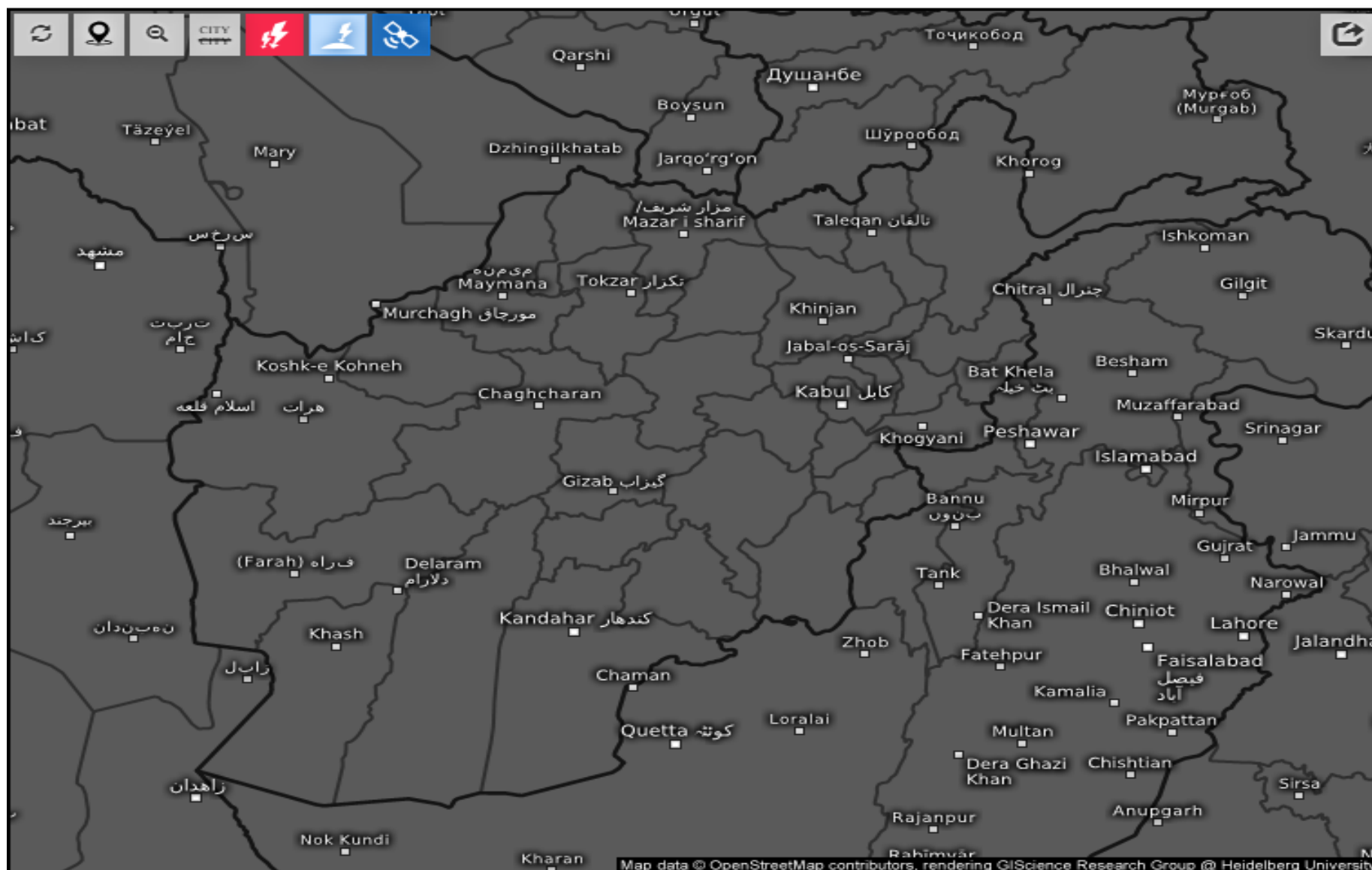


SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
L1C Mercator

03-12-2025/(0445 to 0512) GMT  
03-12-2025/(1015 to 1042) IST







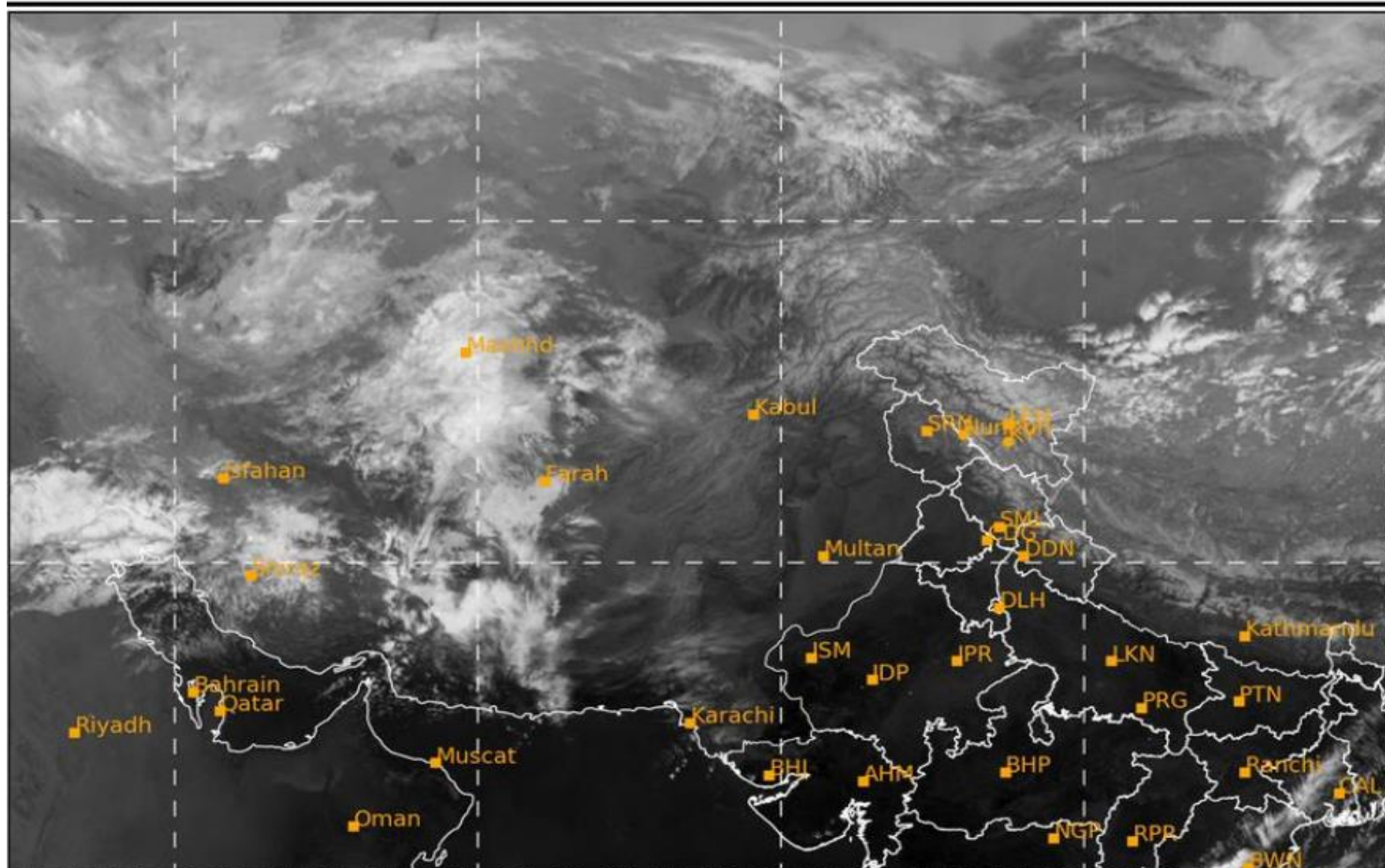
Age of lightning (minutes) 

Wed 12/03/2025, 10:30am GMT+0430



SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
L1C Mercator

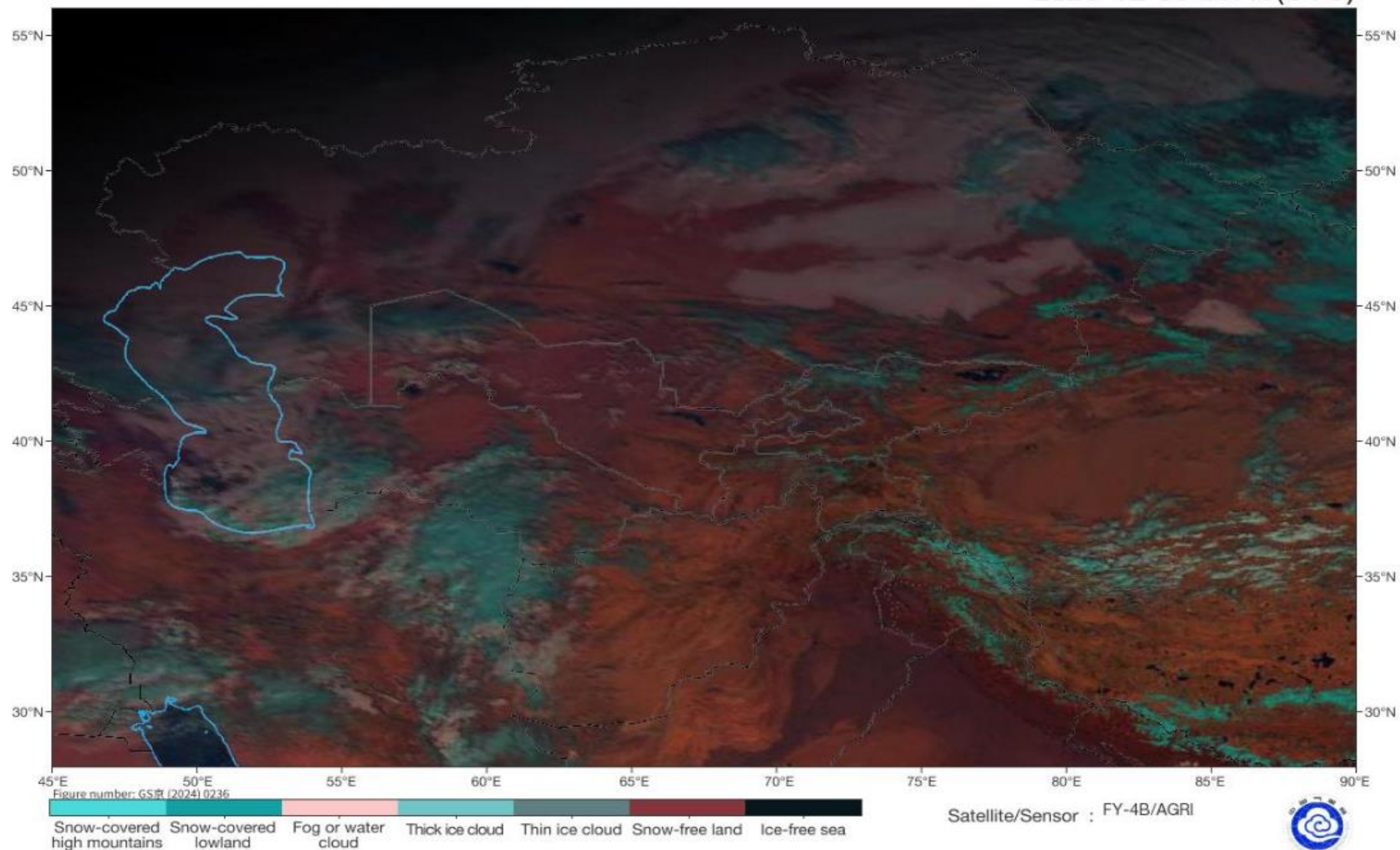
03-12-2025/(0445 to 0512) GMT  
03-12-2025/(1015 to 1042) IST





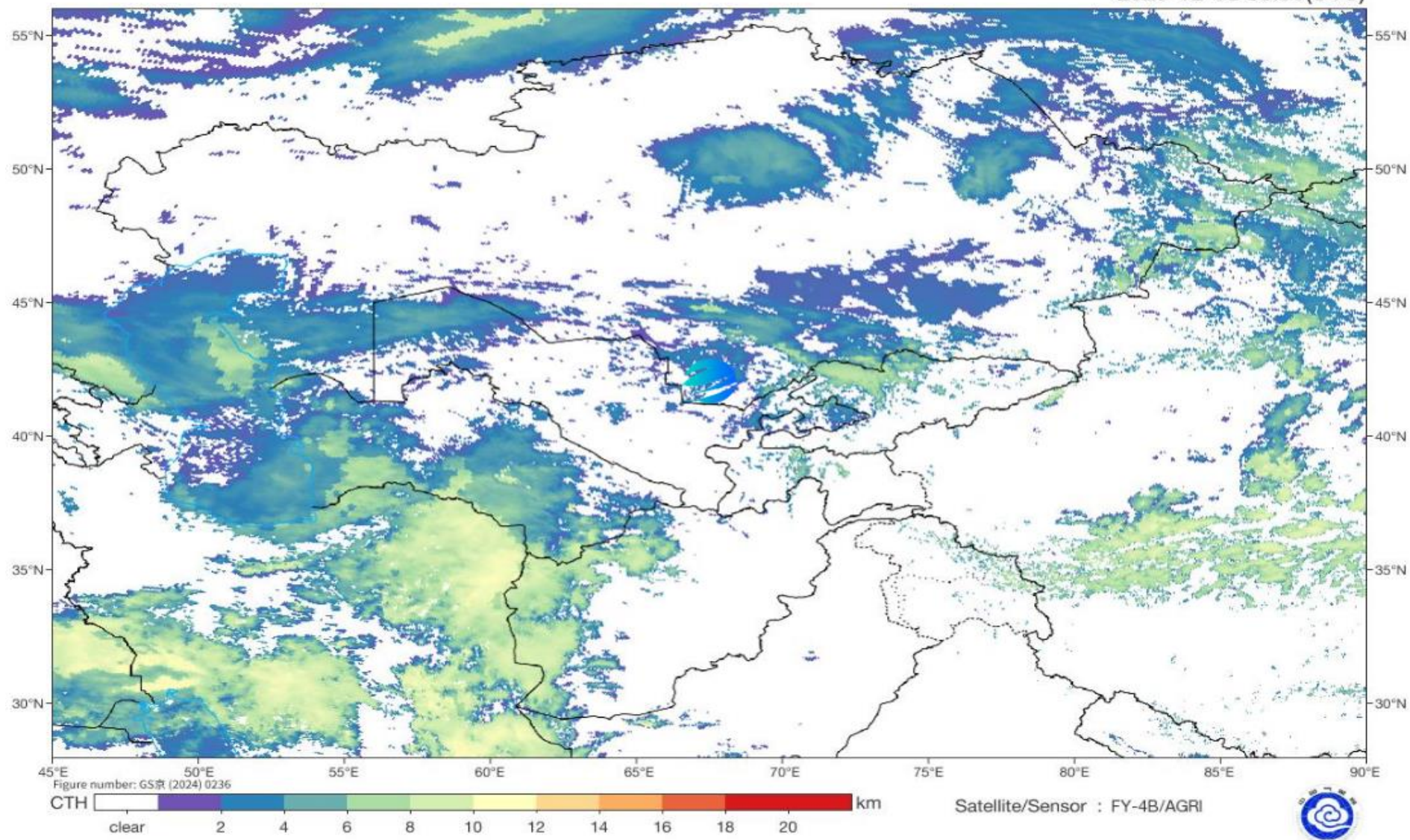
# Fog Identification

2025-12-03 05:45(UTC)



# Cloud Top Height

2025-12-03 05:30(UTC)





## Live satellite map, Afghanistan

