



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



Daily reports of Satellite imagery analysis. Date & Time: 14/01/2026, 06:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	√ moderate	X	X	
2	South	✓	X	X	X	X	√ moderate	X	X	
3	West	✓	X	X	✓	X	√ moderate	X	X	High-Level Cloud
4	East	X	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	✓	✓	√ moderate	X	X	High-Level Cloud
9	Southwest	✓	X	X	✓	X	√ moderate	X	X	

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

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

- Reported by: Esmatullah Mohammadi

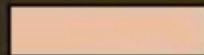


UTC: 2026-01-13 20:15

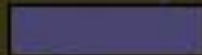
AirMass



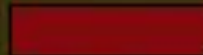
Thick,  
high-level cloud



Thick,  
mid-level cloud



Thick,  
low-level cloud



Jet



Cold Airmass



Warm Airmass  
(high UTH)

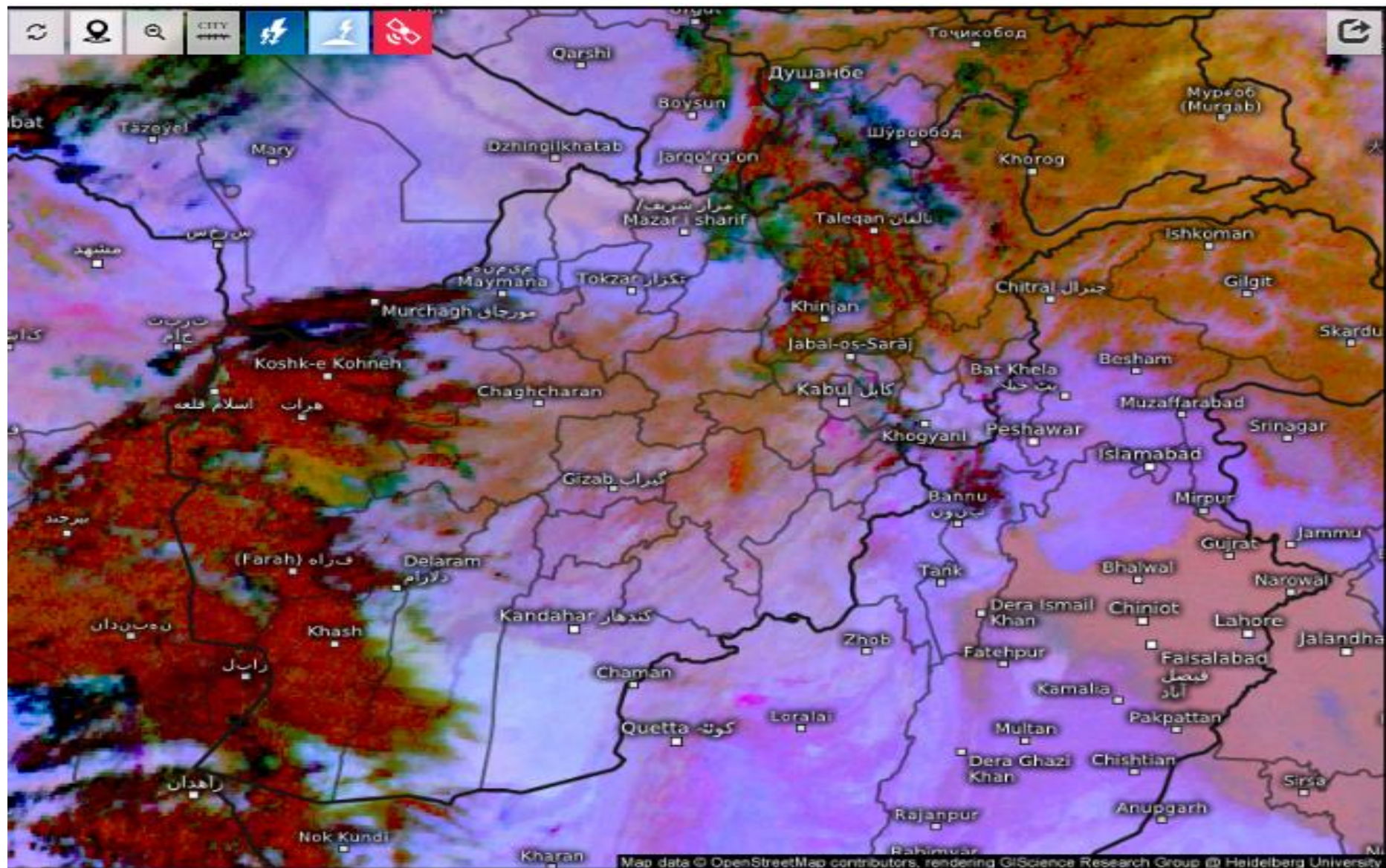


Warm Airmass  
(low UTH)

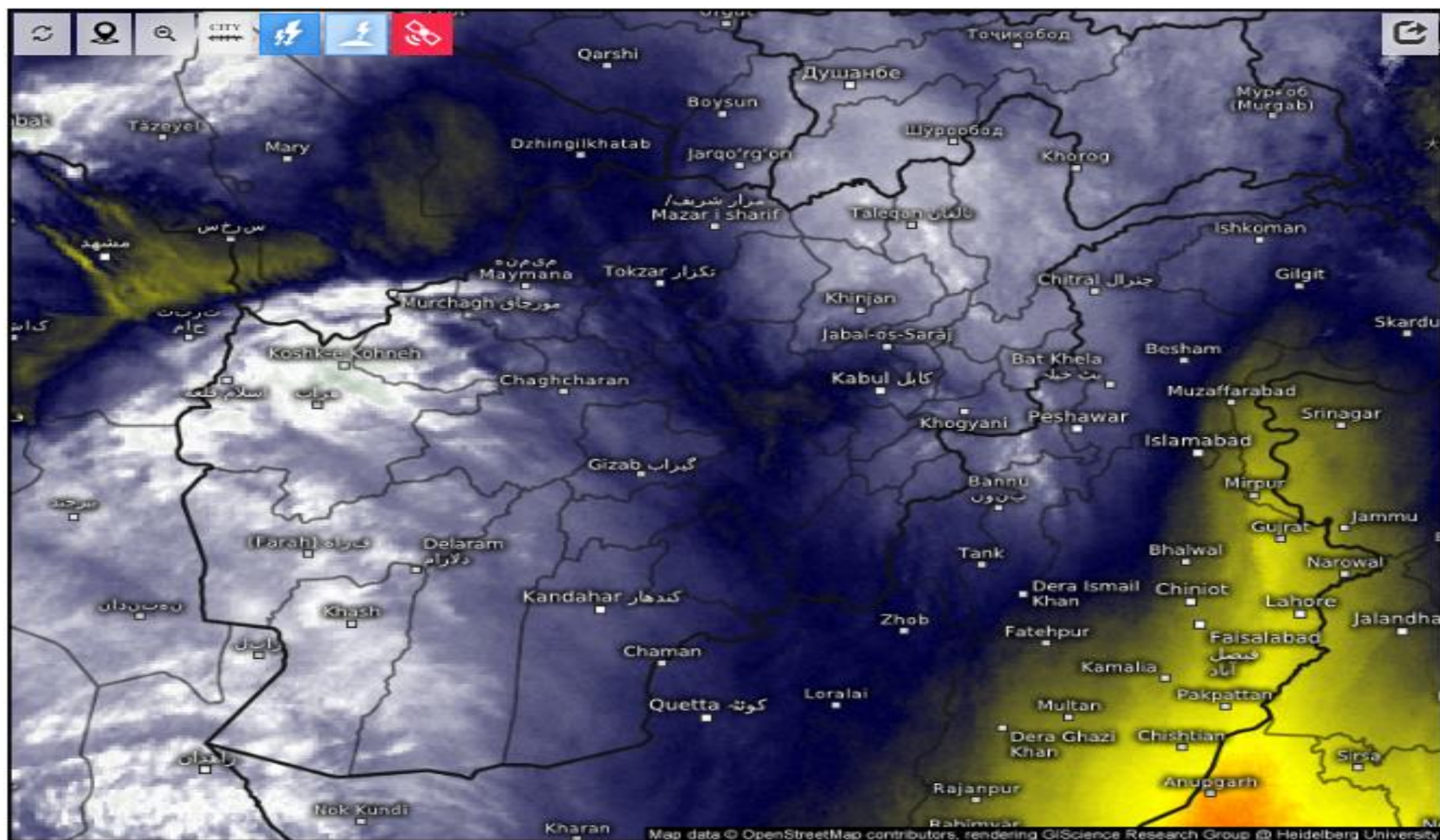
**FY-4B AirMass RGB Composite (From WMO)**





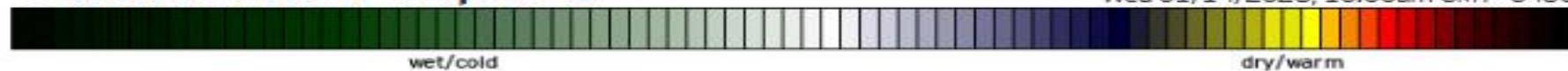






## Satellite Water Vapor ⓘ

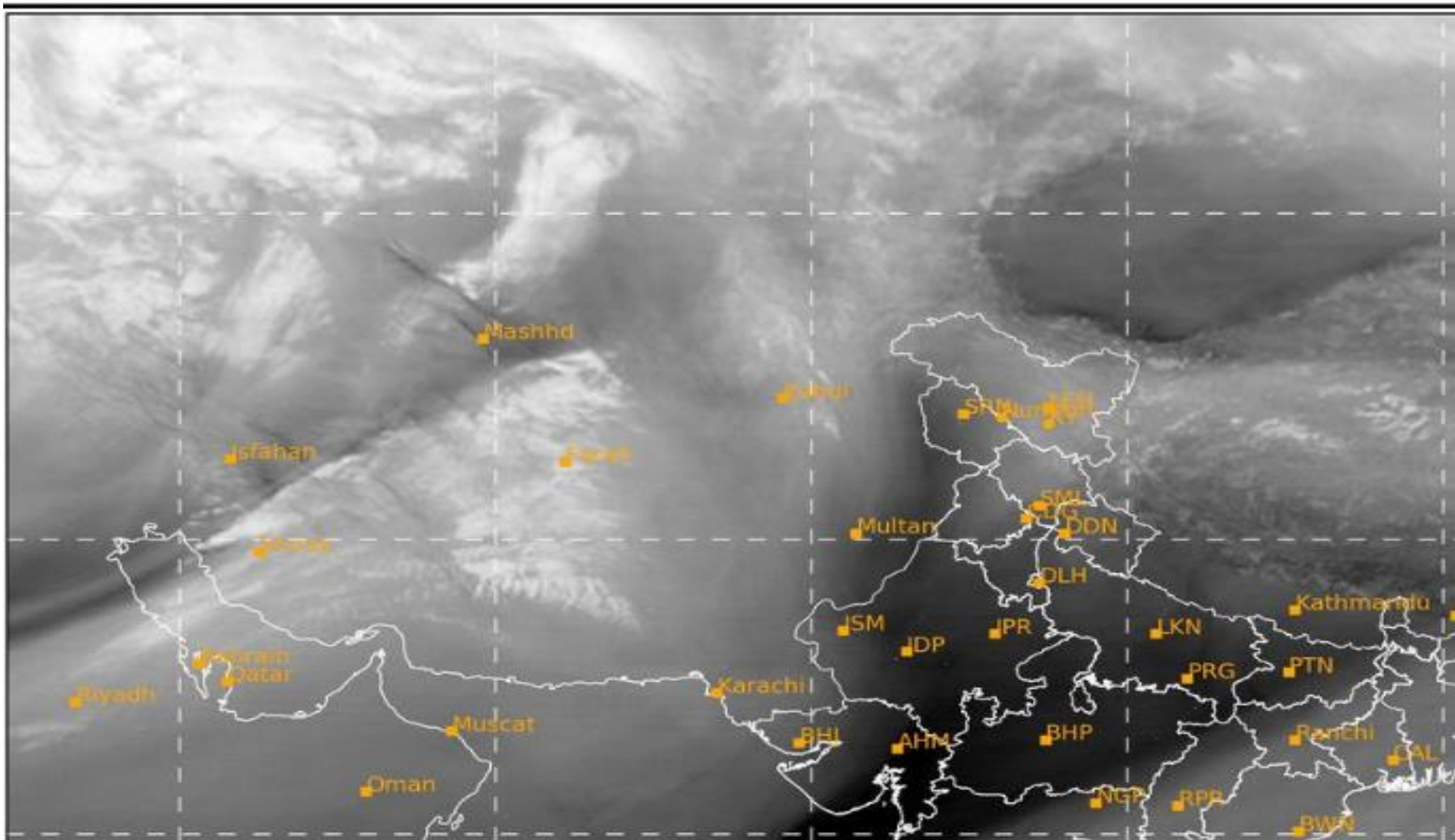
Wed 01/14/2026, 10:00am GMT+0430





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

14-01-2026/(0445 to 0512) GMT  
14-01-2026/(1015 to 1042) IST



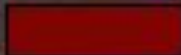


UTC: 2026-01-13 20:30

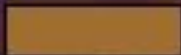
Dust



Dust



High-level cloud



Thick,  
mid-level cloud



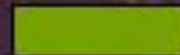
Thin,  
mid-level cloud



Ocean



Land



Low-level cloud



Cirrus



Cirrus

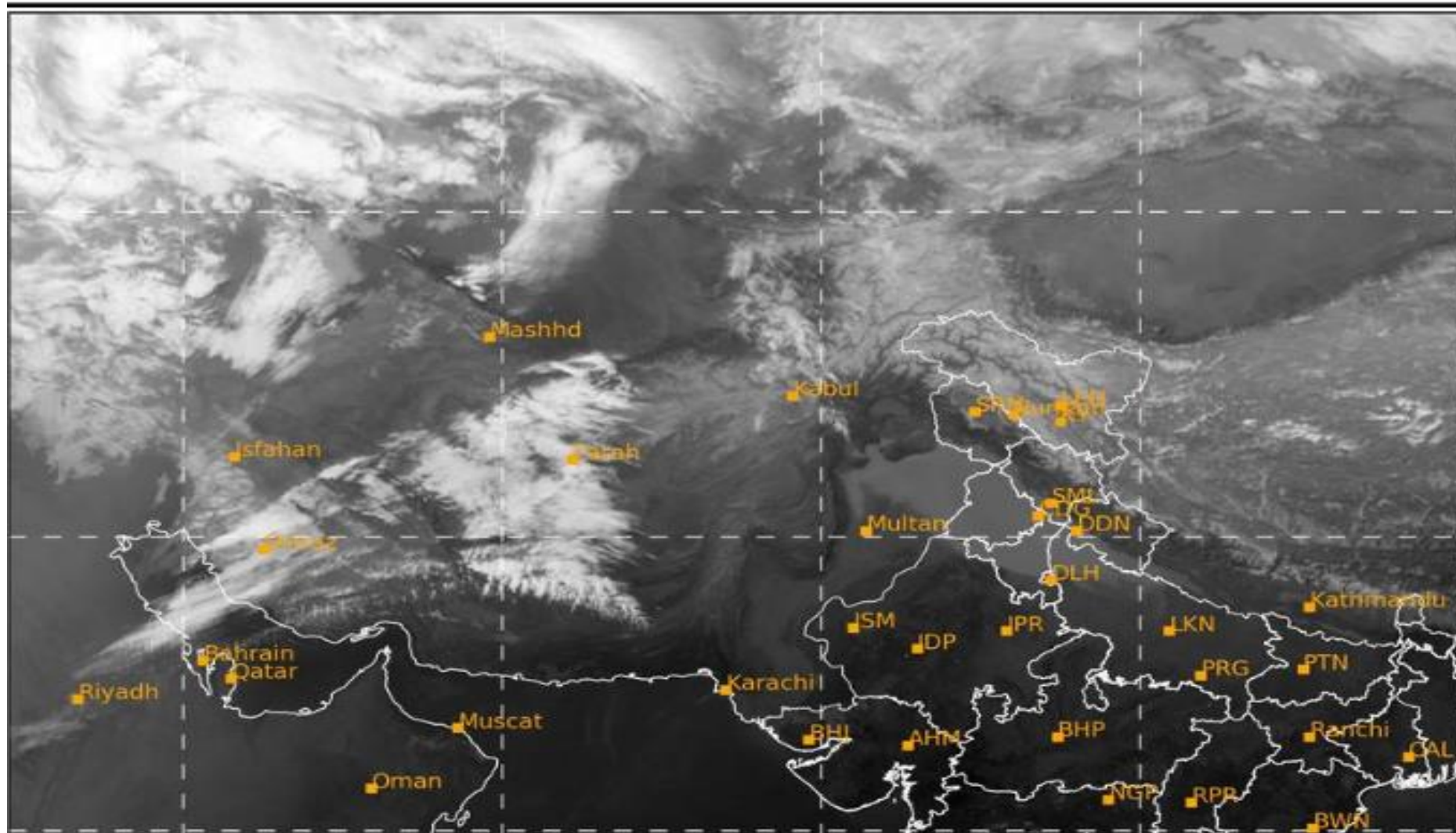
**FY-4B Dust RGB Composite (From WMO)**





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

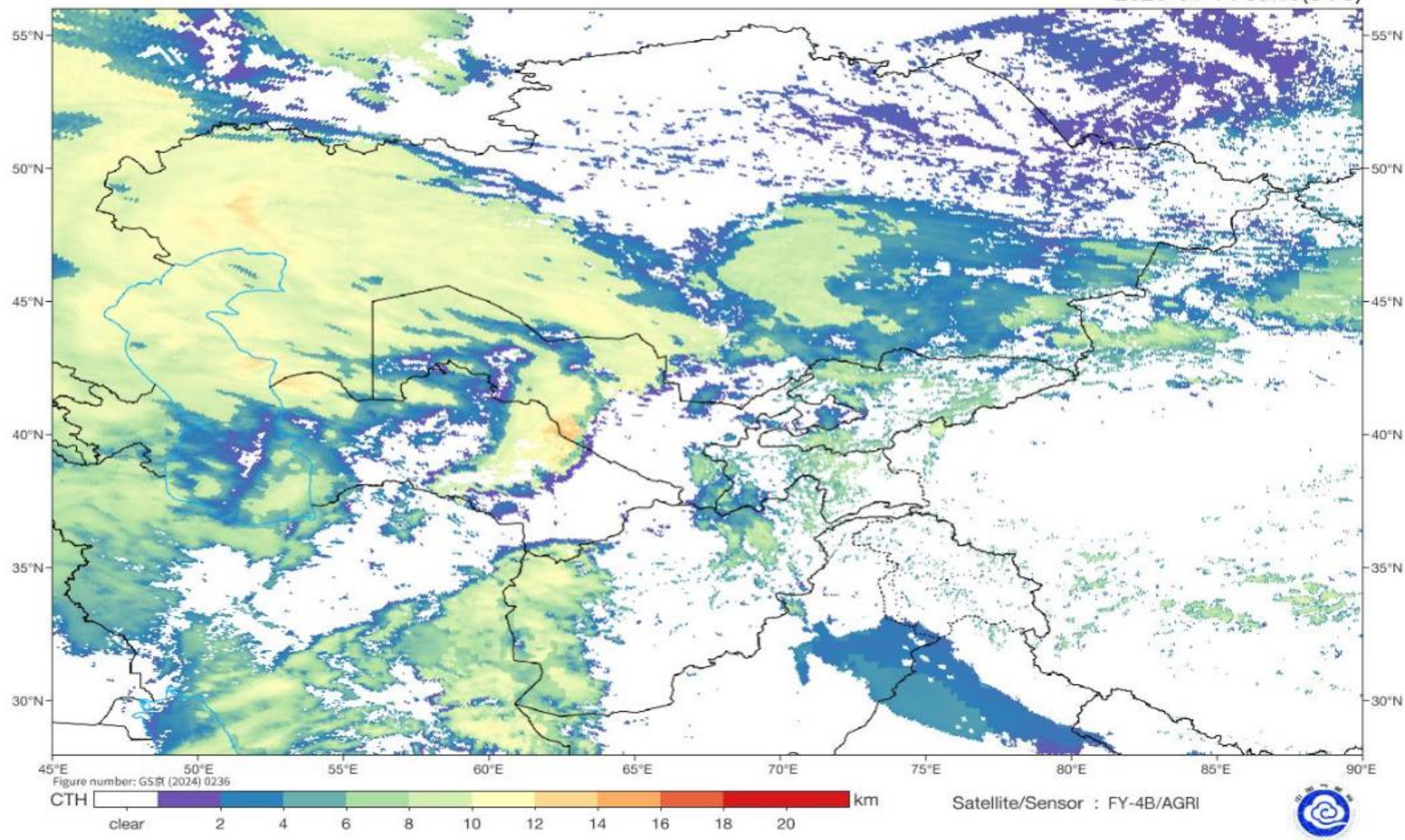
14-01-2026/(0445 to 0512) GMT  
14-01-2026/(1015 to 1042) IST



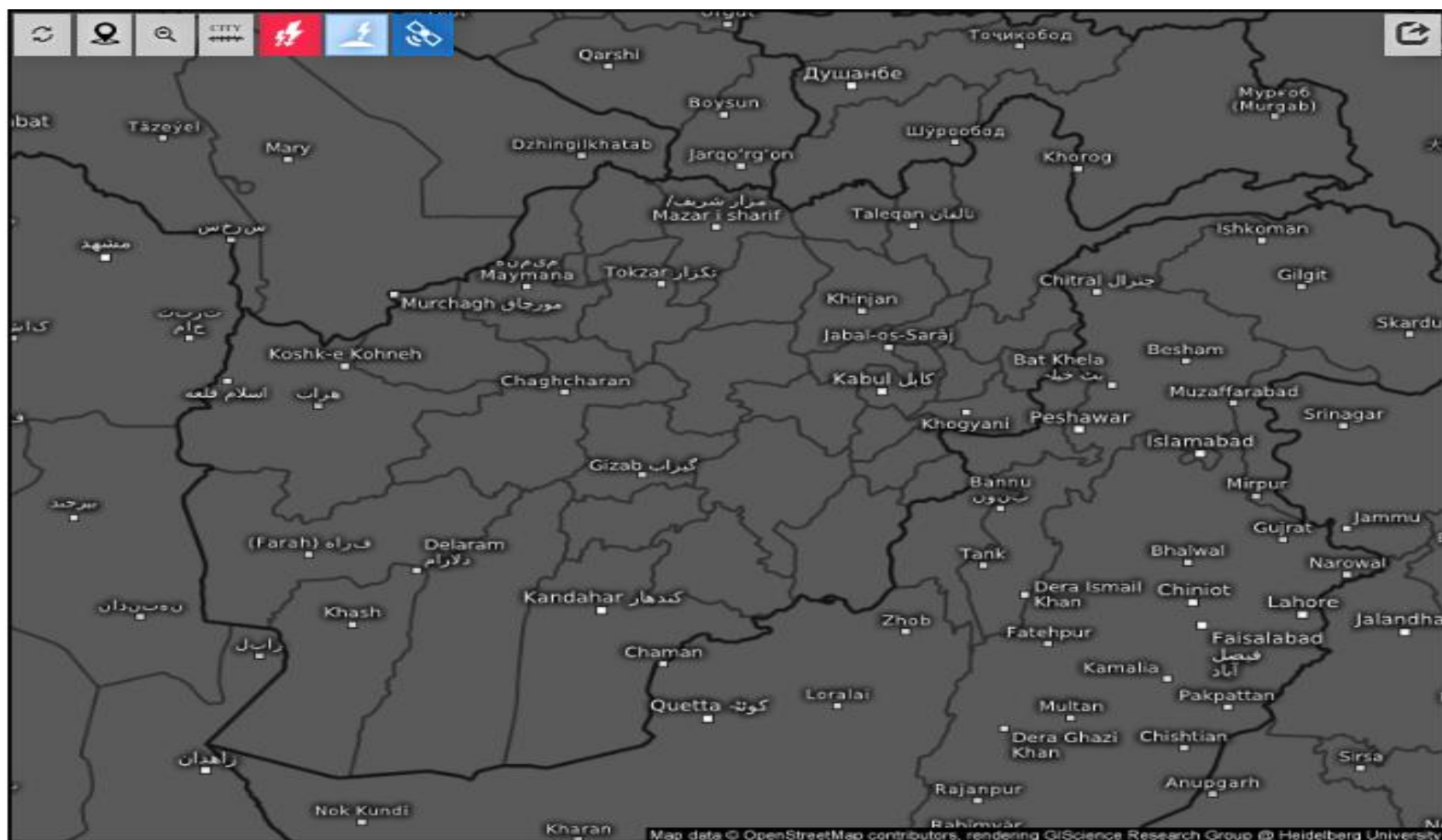


# Cloud Top Height

2026-01-14 05:15(UTC)







Age of lightning (minutes) 

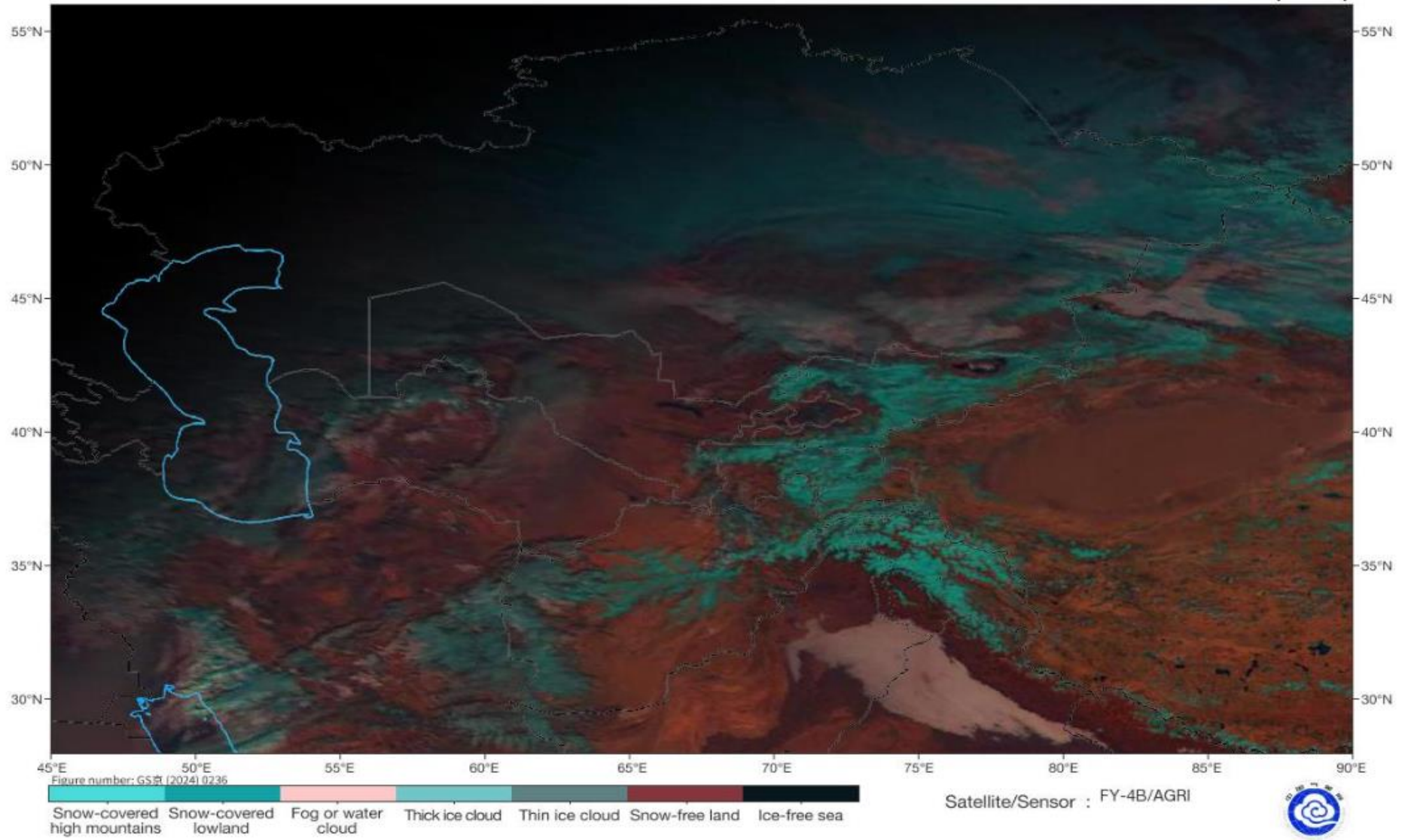
Wed 01/14/2026, 10:20am GMT+0430





# Fog Identification

2026-01-14 05:15(UTC)





## Live satellite map, Afghanistan

