



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



Daily reports of Satellite imagery analysis. Date & Time: 24/01/2026, 09:00 UTC

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

Details: according to satellite imagery analysis the all-regions have cold air mass. The all- regions have cloudy sky with the exception of southwestern. The all-regions have moderate water vapor with the exception of northern, eastern, central, northeastern regions are wet. The northern, northwestern regions have a low-pressure system.

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

- Reported by: Esmatullah Mohammadi

UTC: 2026-01-24 00:15

AirMass

SS Thick, Thick, Thick,
high-level cloud mid-level cloud low-level cloud

Jet

Cold Air

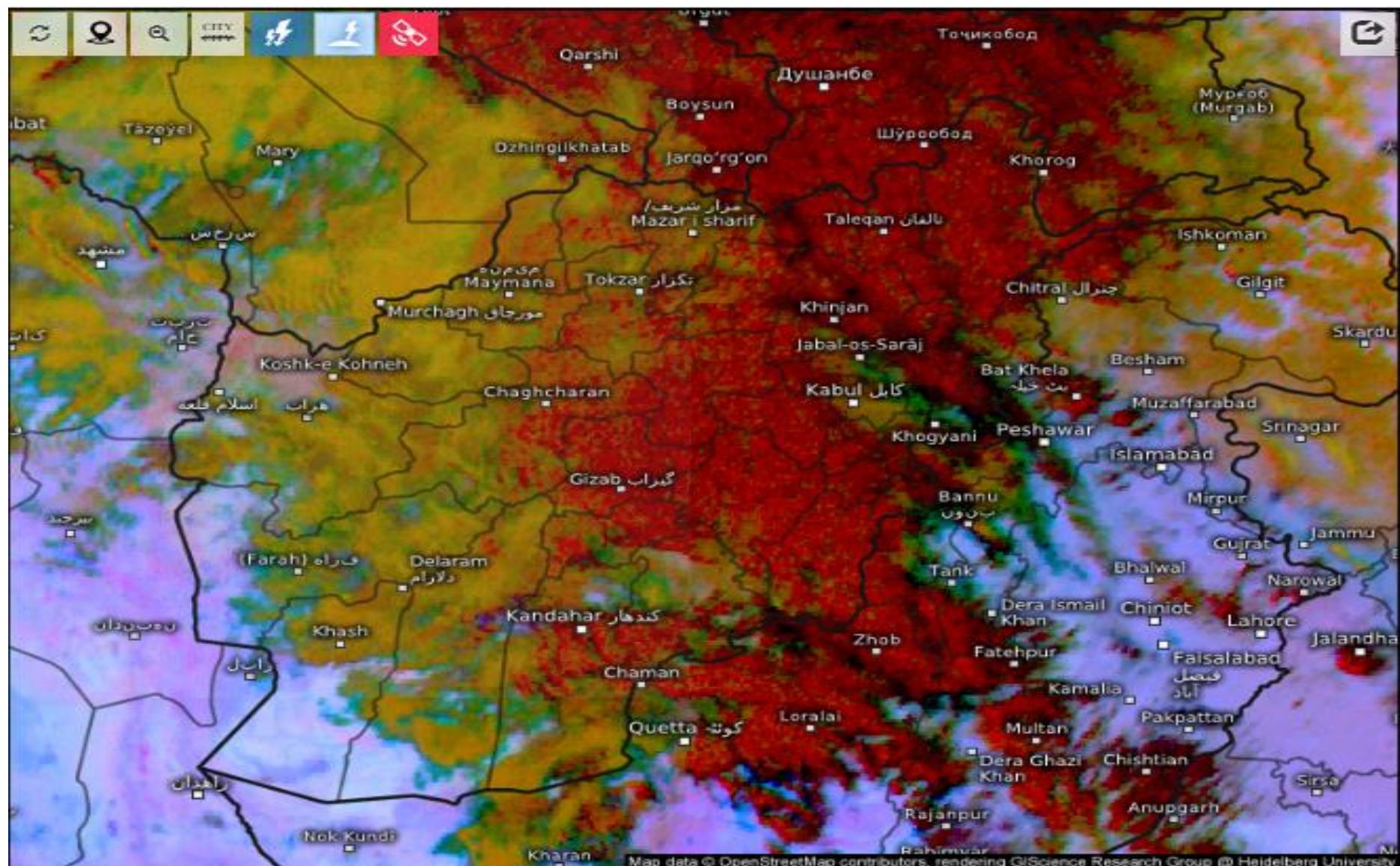
mass Wann

in Airmass

5 Warm
(low)

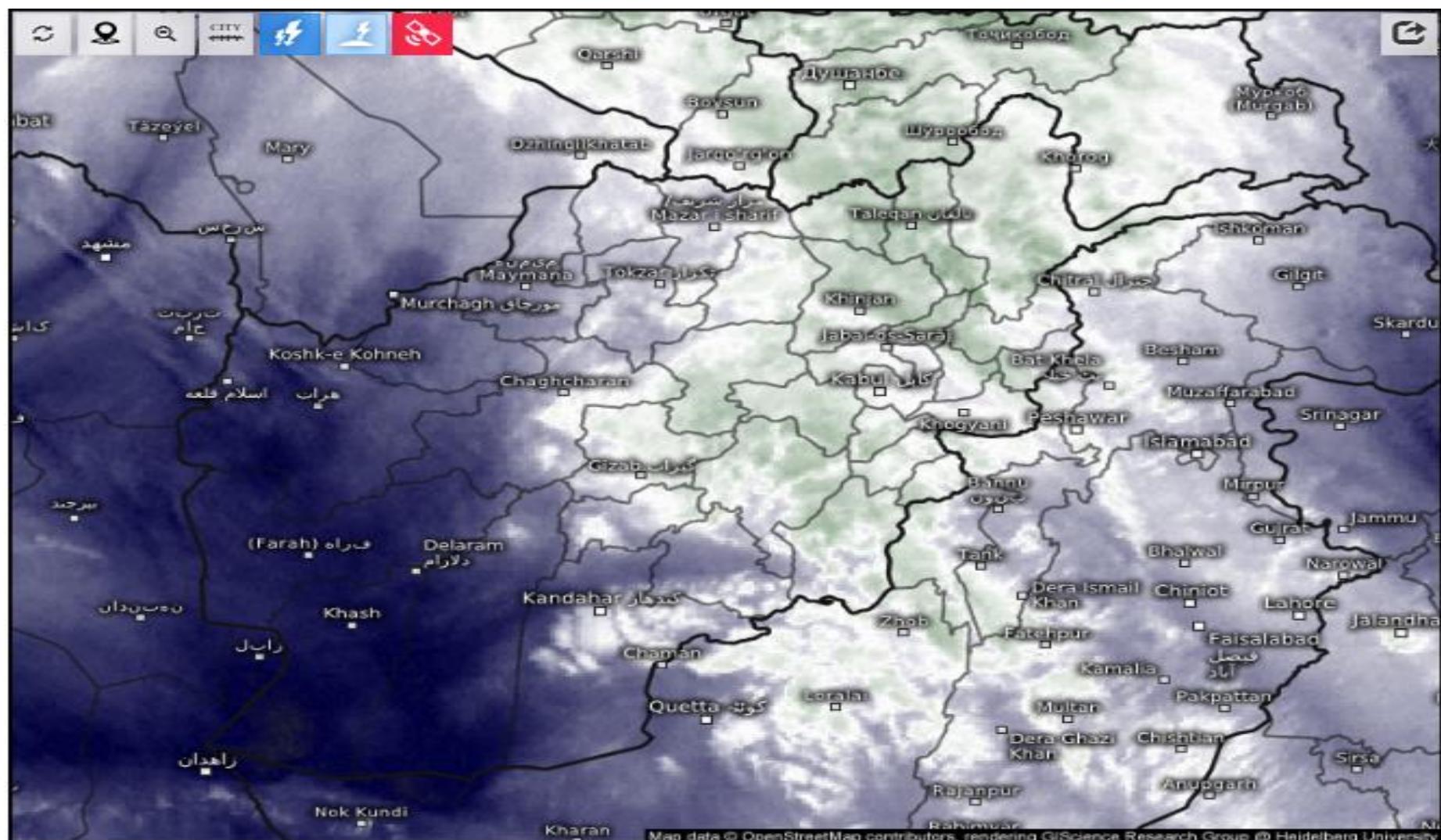
FY-4B AirMass RGB Composite (From WMNSMC)





Satellite Dust ⓘ

Sat 01/24/2026, 01:30pm GMT+0430



Satellite Water Vapor i

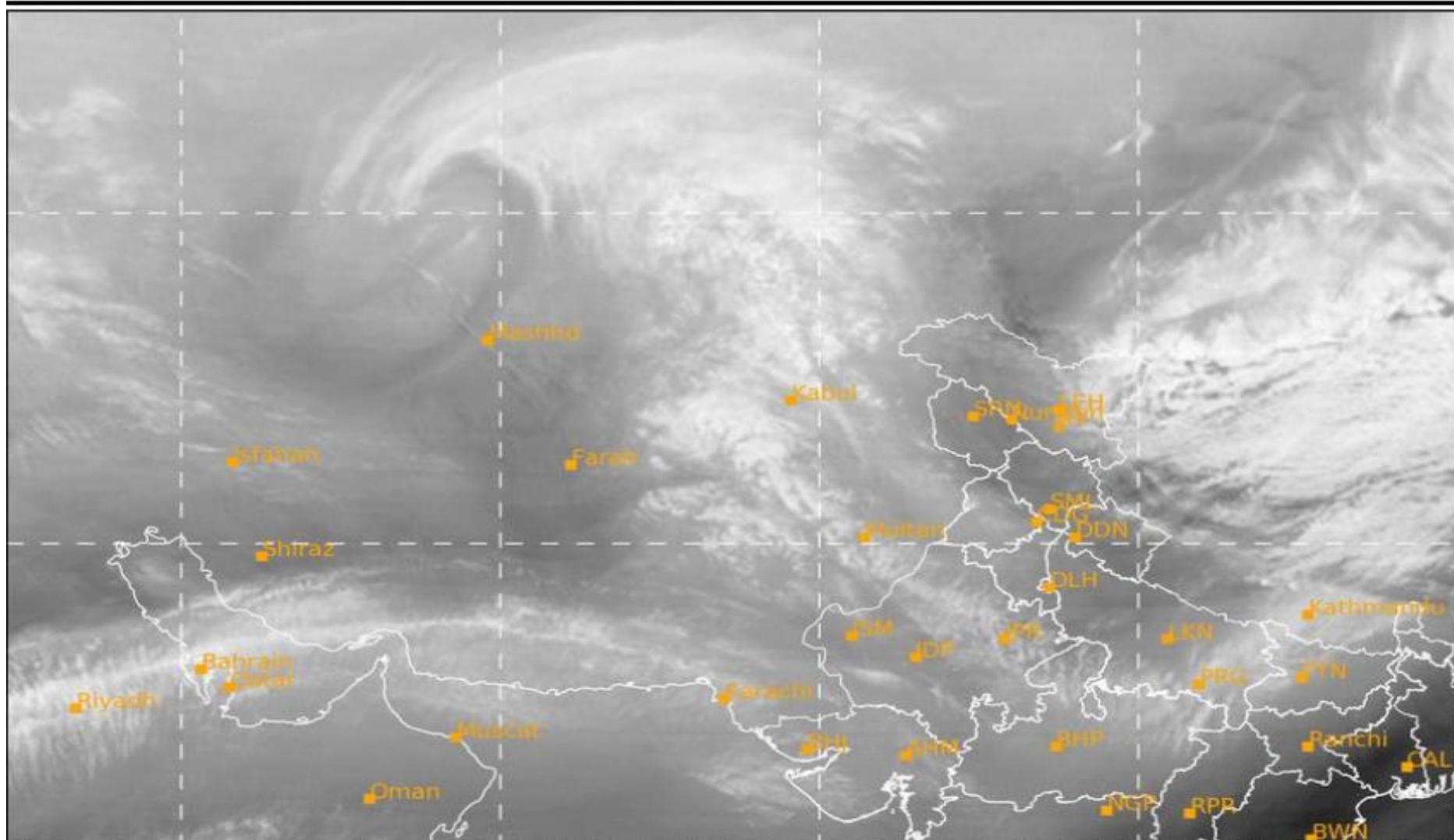
Sat 01/24/2026, 01:30pm GMT+0430

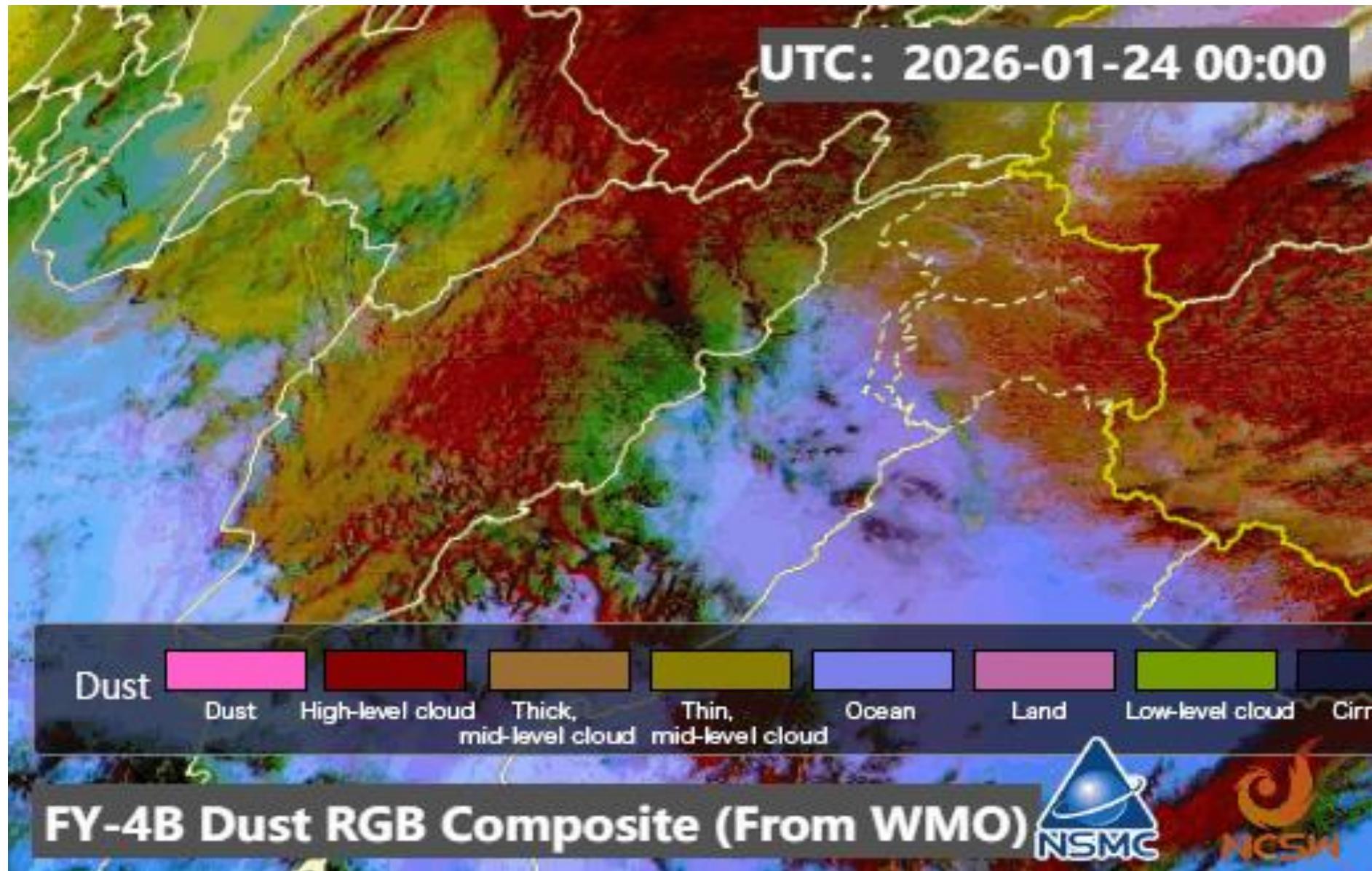
wet/cold

dry/warm

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

24-01-2026/(0815 to 0842) GMT
24-01-2026/(1345 to 1412) IST





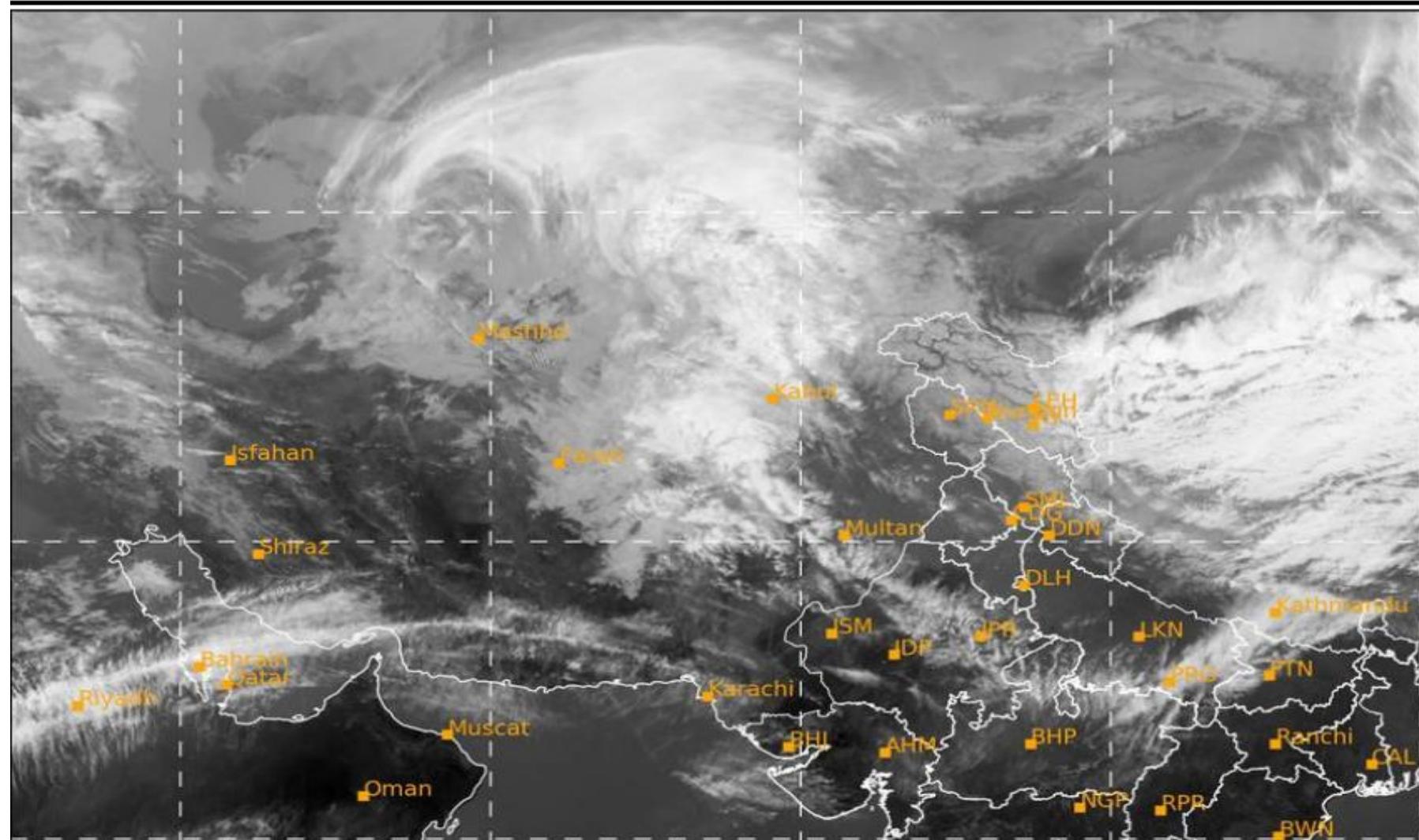
SAT : INSAT-3DR IMG

IMG_TIR1 10.8 um

L1C Mercator

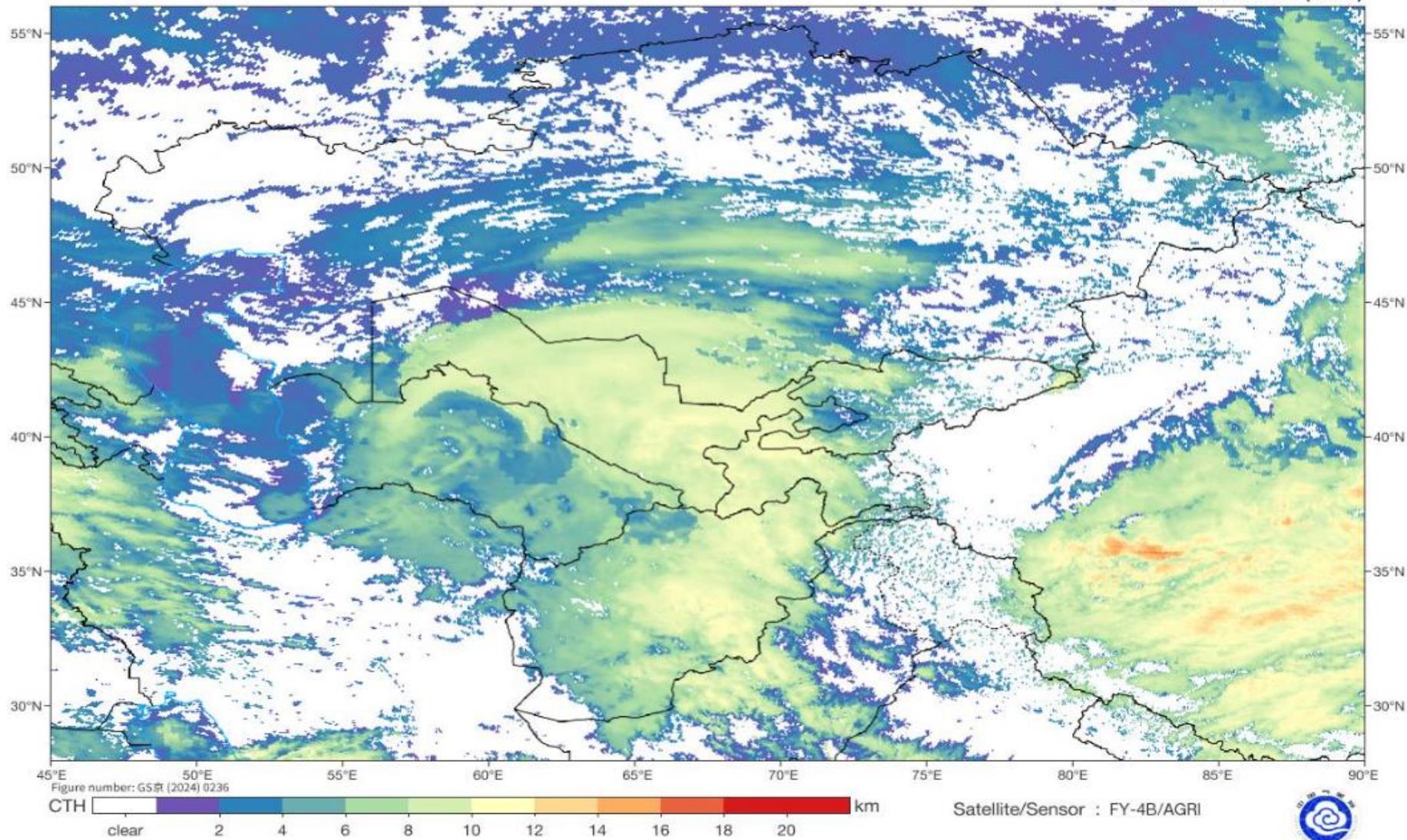
24-01-2026/(0815 to 0842) GMT

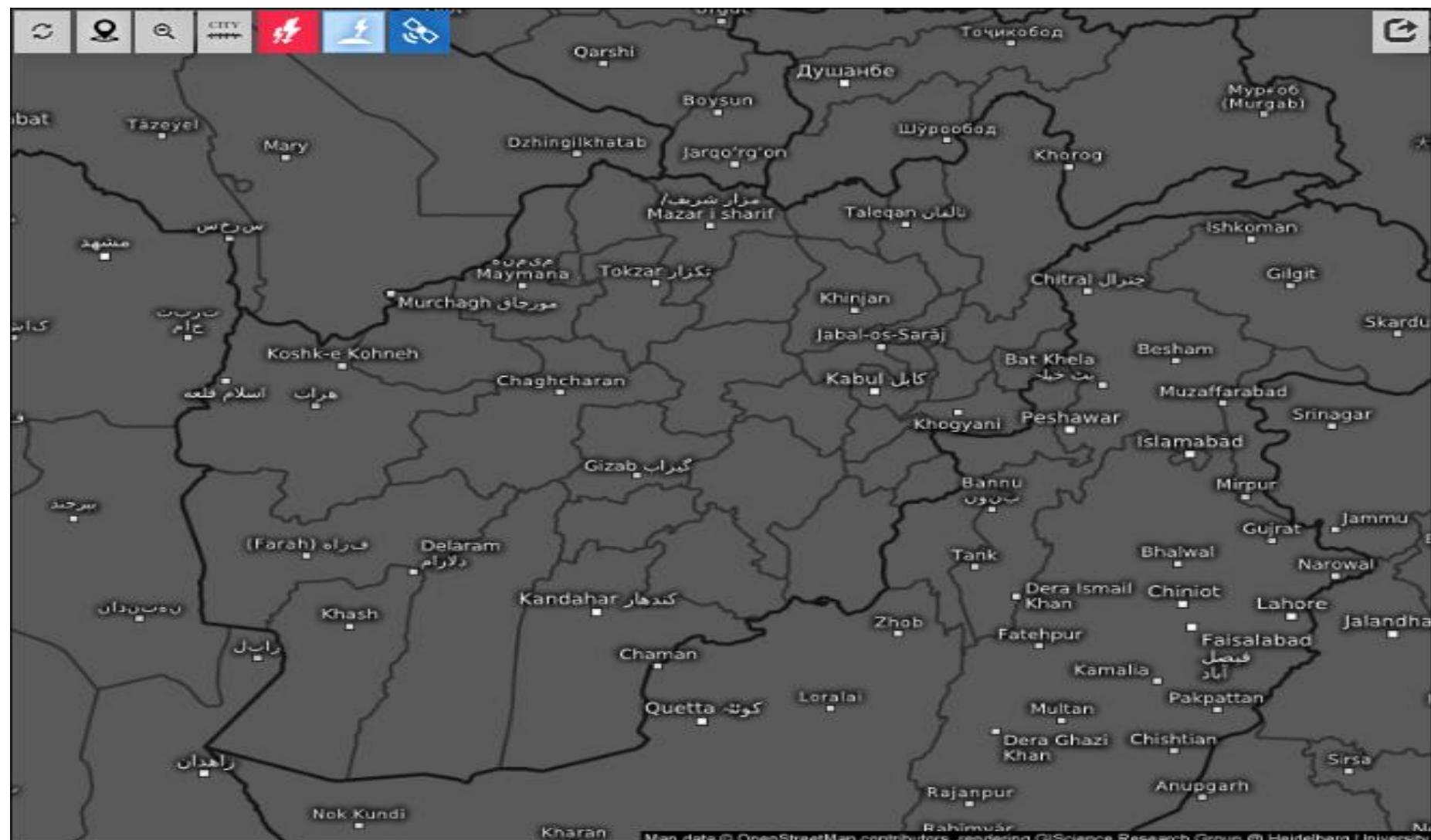
24-01-2026/(1345 to 1412) IST



Cloud Top Height

2026-01-24 08:45(UTC)





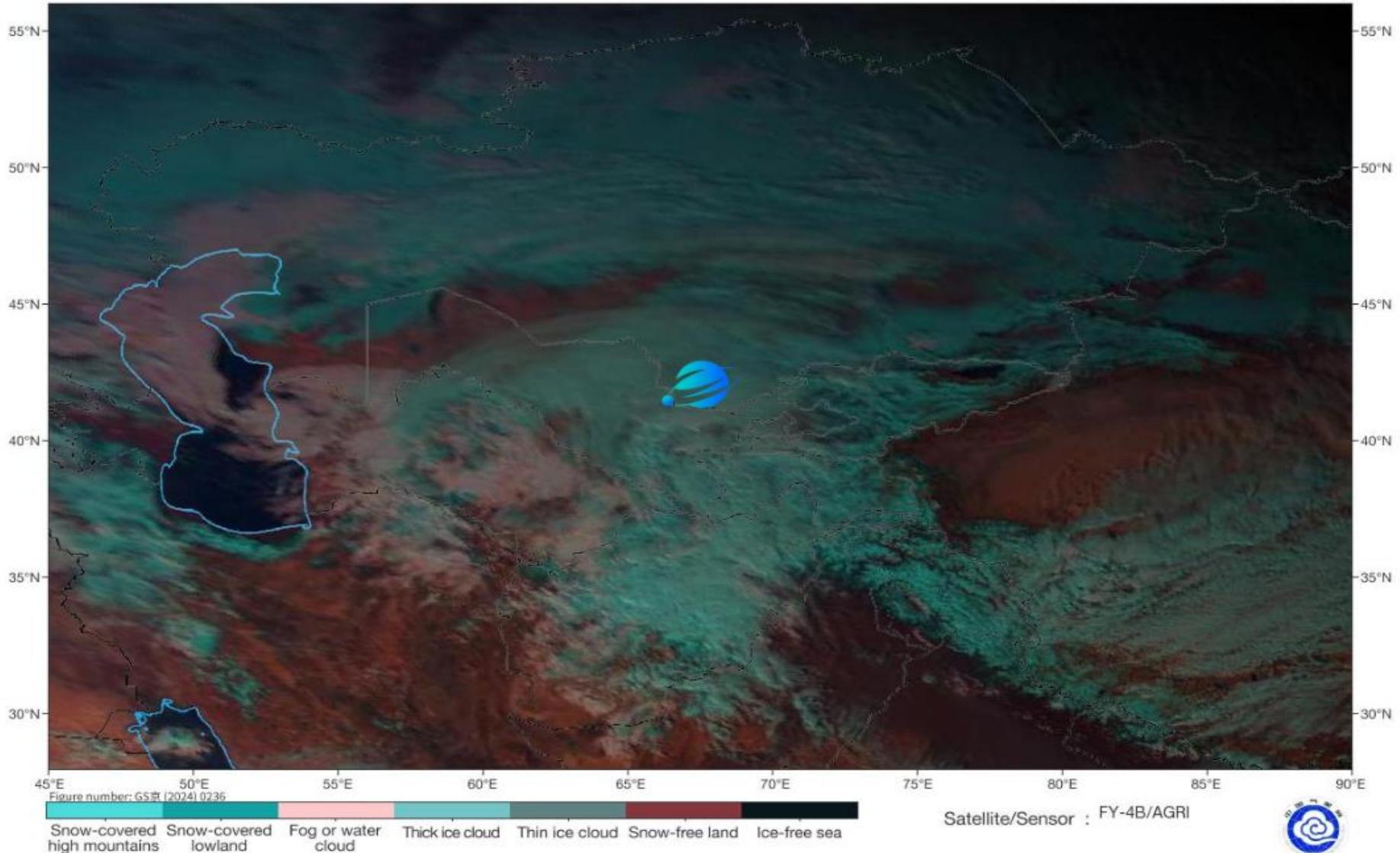
Age of lightning (minutes) i



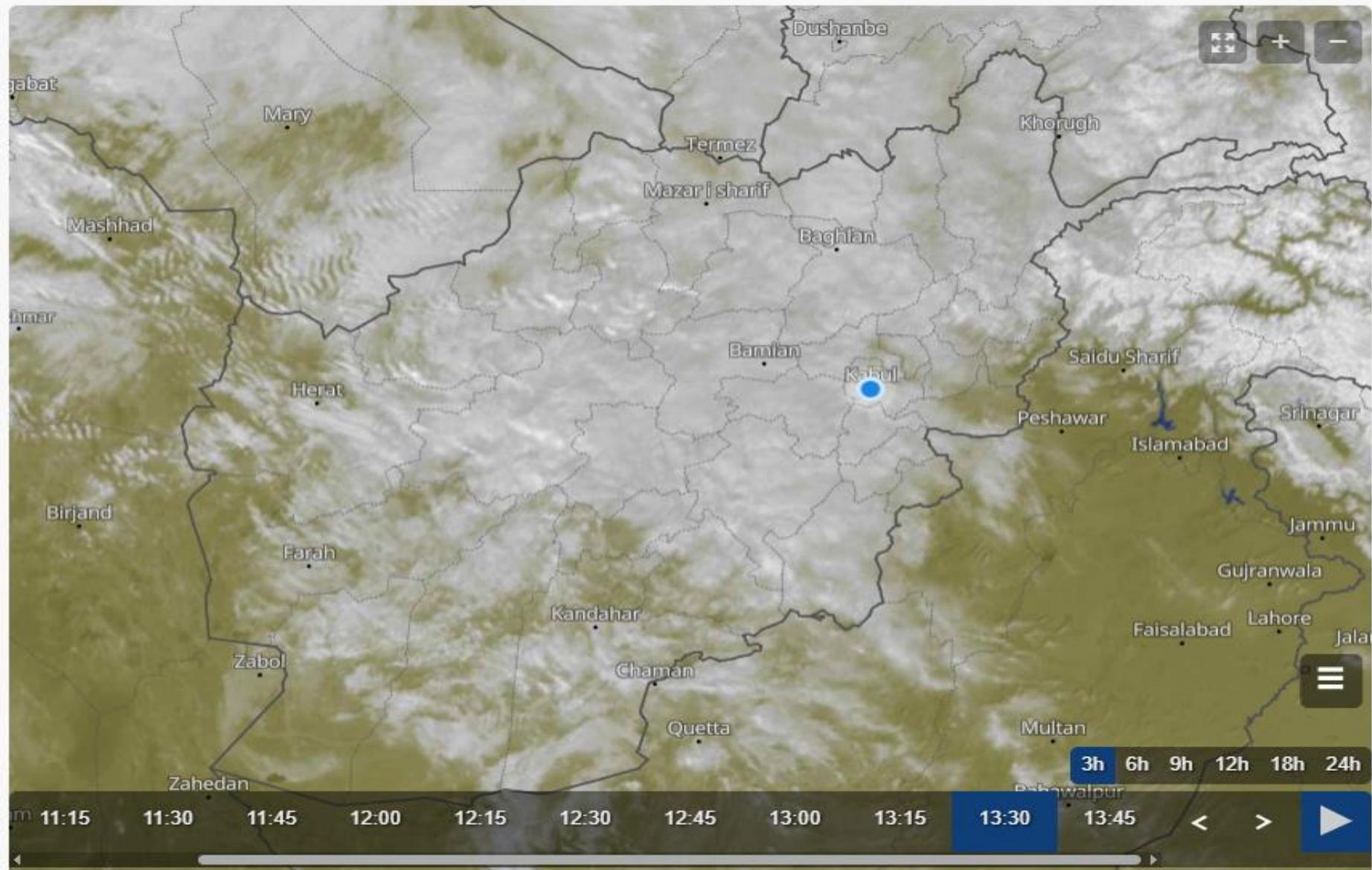
Sat 01/24/2026, 01:30pm GMT+0430

Fog Identification

2026-01-24 09:15(UTC)



Live satellite map, Afghanistan



EPS 500mb Geopotential Height & Anomaly (dam) (based on CFSR 1981-2010 Climatology)

Init: 12z Jan 22 2026 Forecast Hour: [48] valid at 12z Sat, Jan 24 2026

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