



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



Daily reports of Satellite imagery analysis. Date & Time: 21/01/2026, 06:00 UTC

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

Details: according to satellite imagery analysis the southern, western, central, southeastern, southwestern regions have cold air mass.

The northern, western, eastern, central, northeastern, southeastern, northwestern regions have cloudy sky. The northwestern region has Fog. The all-regions have moderate water vapor with the exception of northeastern, northwestern regions are wet. The Western, northwestern regions have a low-pressure system.

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

- Reported by: Esmatullah Mohammadi

UTC: 2026-01-20 20:00

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud

Jet

Cold Airmass



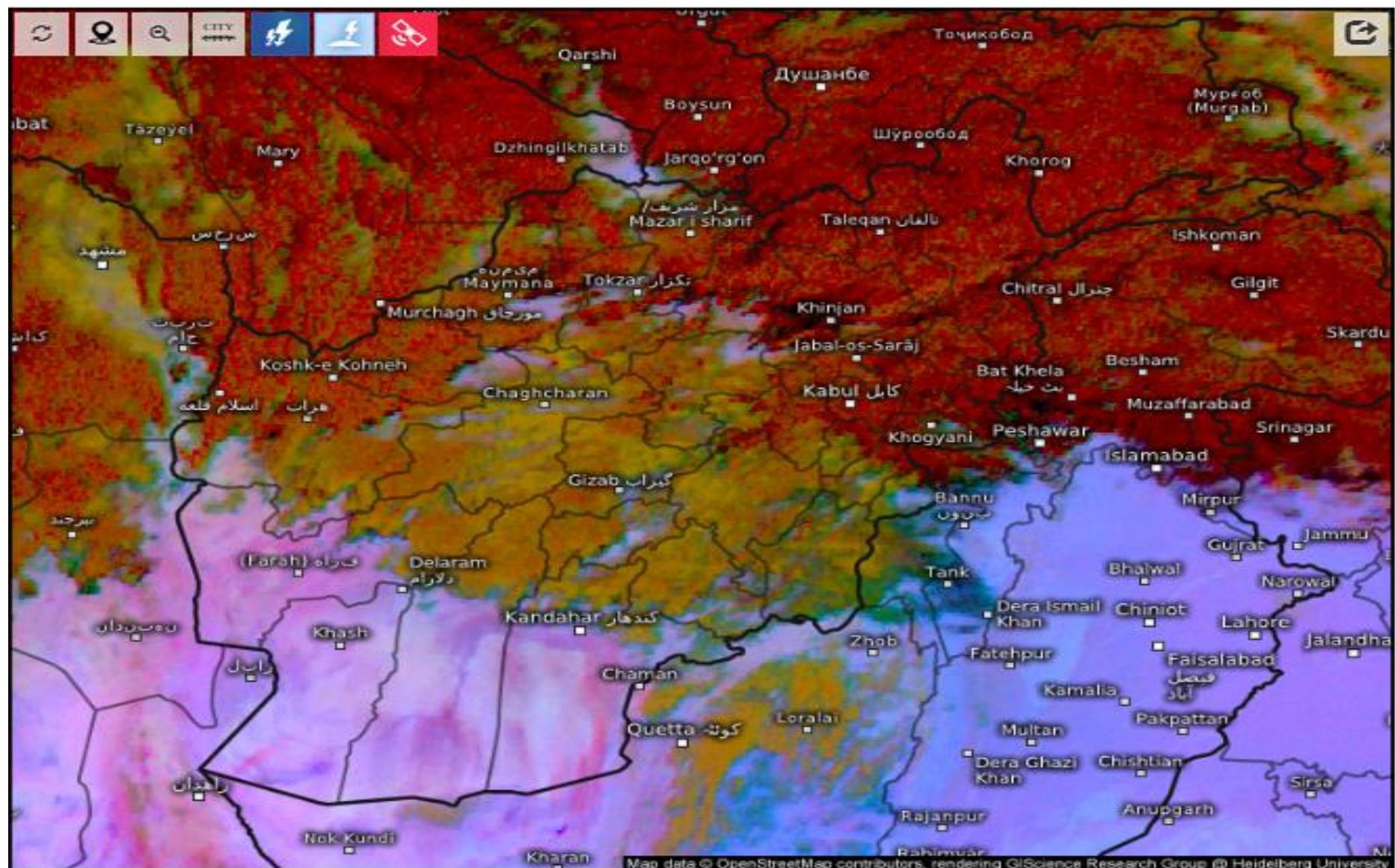
Warm Airmass
(high UTH)



Warm
(low UTH)

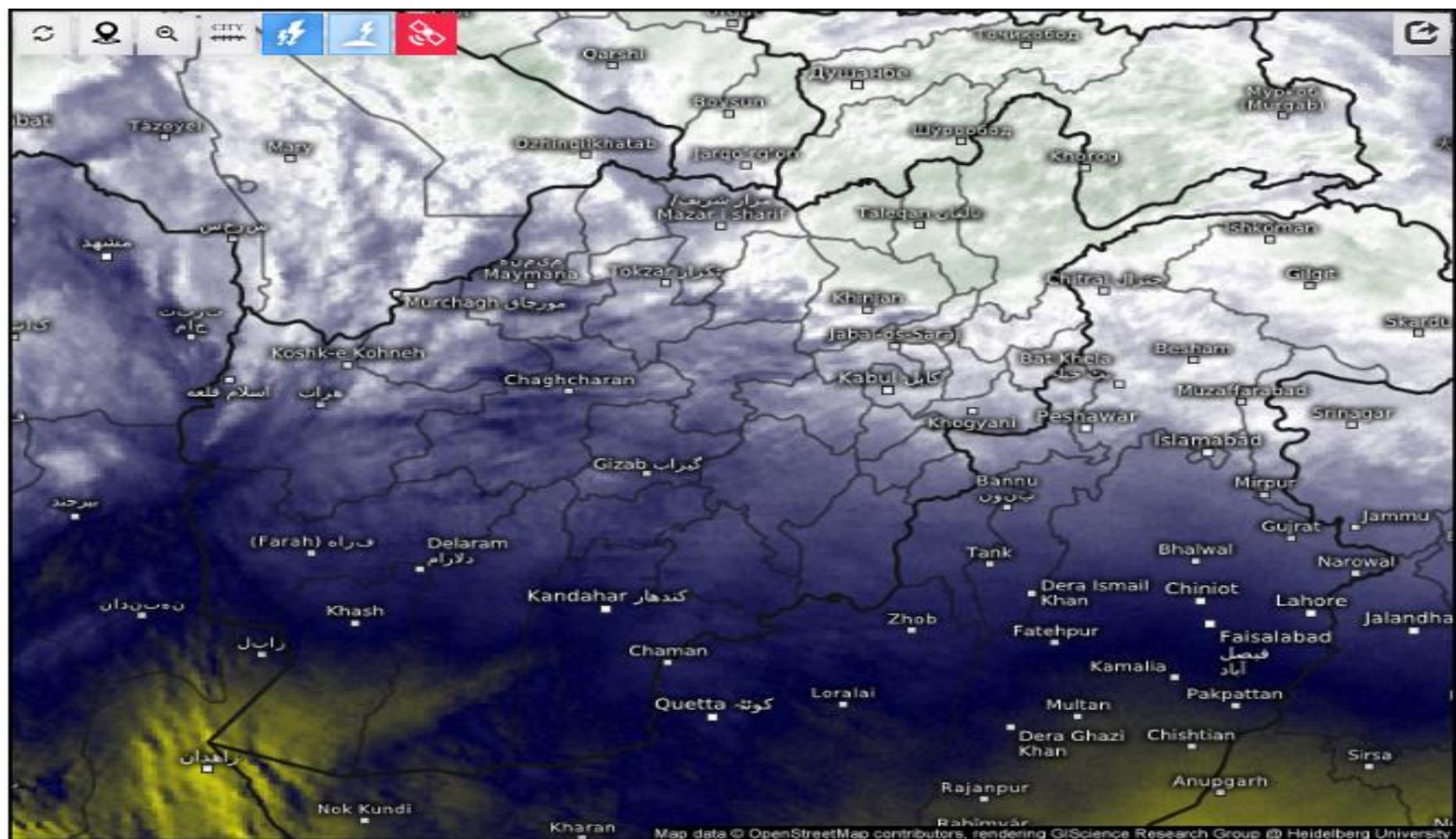
FY-4B AirMass RGB Composite (From WM





Satellite Dust ⓘ

Wed 01/21/2026, 10:15am GMT+0430



Satellite Water Vapor ⓘ

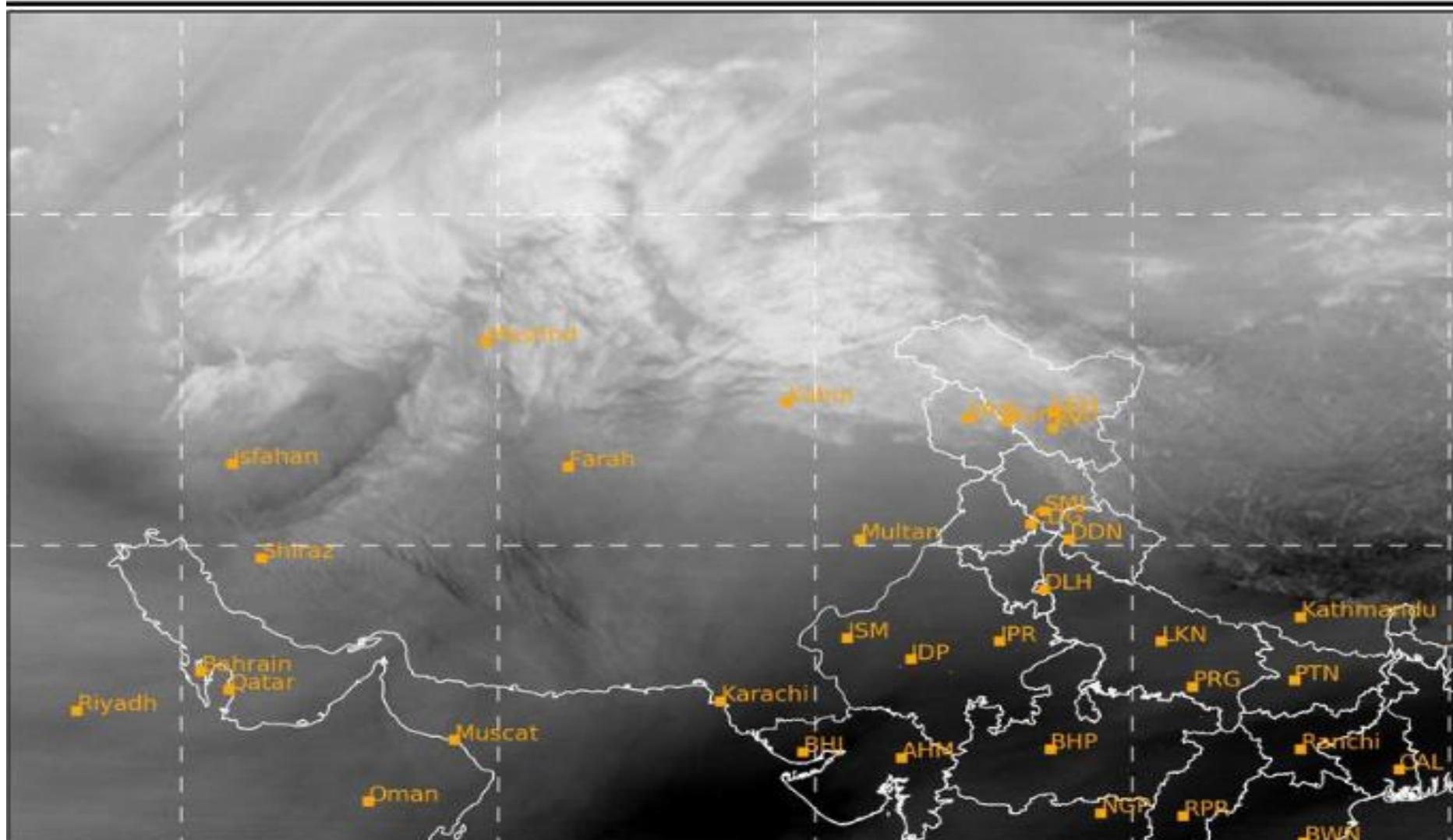
Wed 01/21/2026, 10:15am GMT+0430

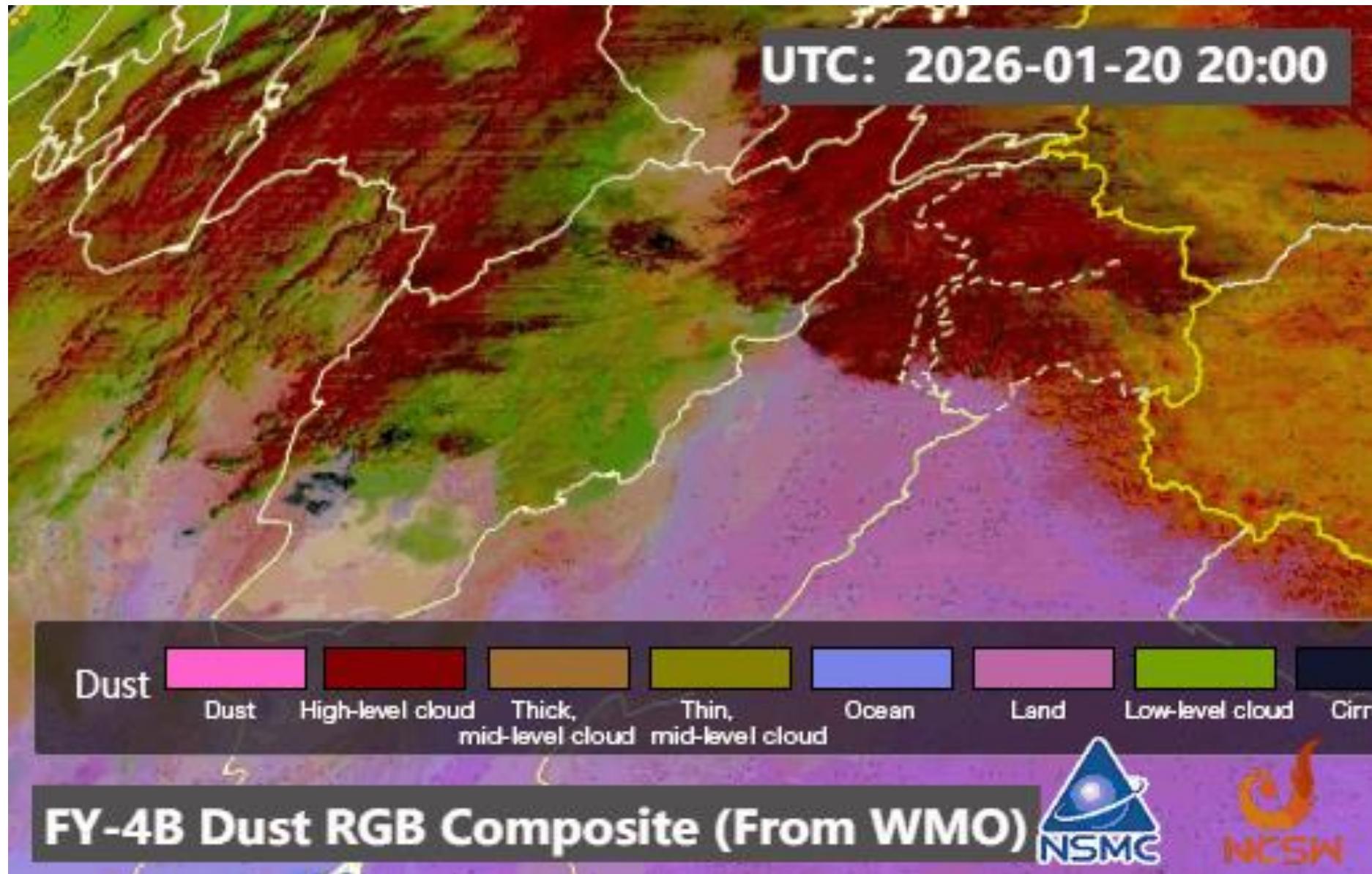
wet/cold

dry/warm

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

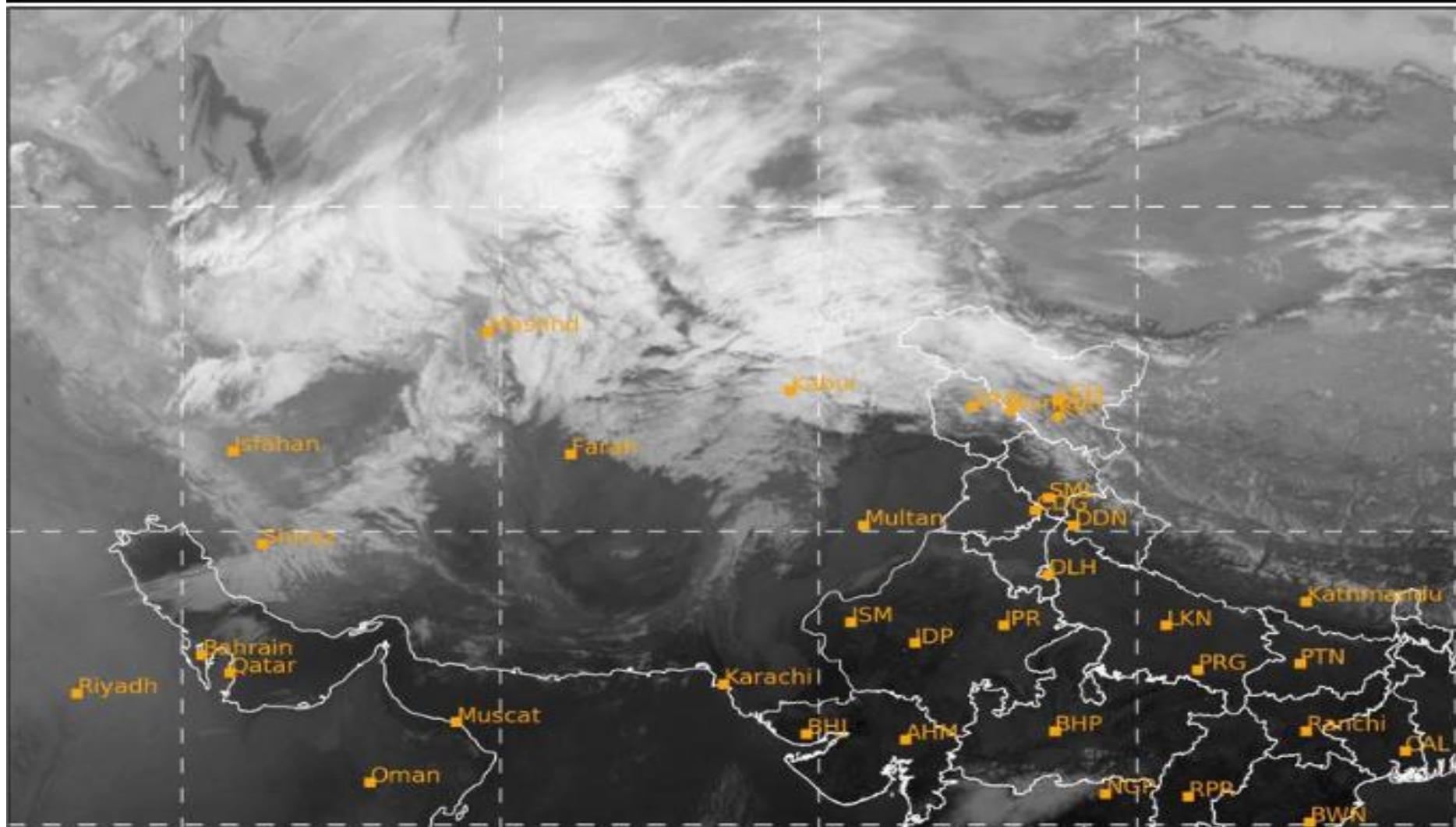
21-01-2026/(0445 to 0512) GMT
21-01-2026/(1015 to 1042) IST





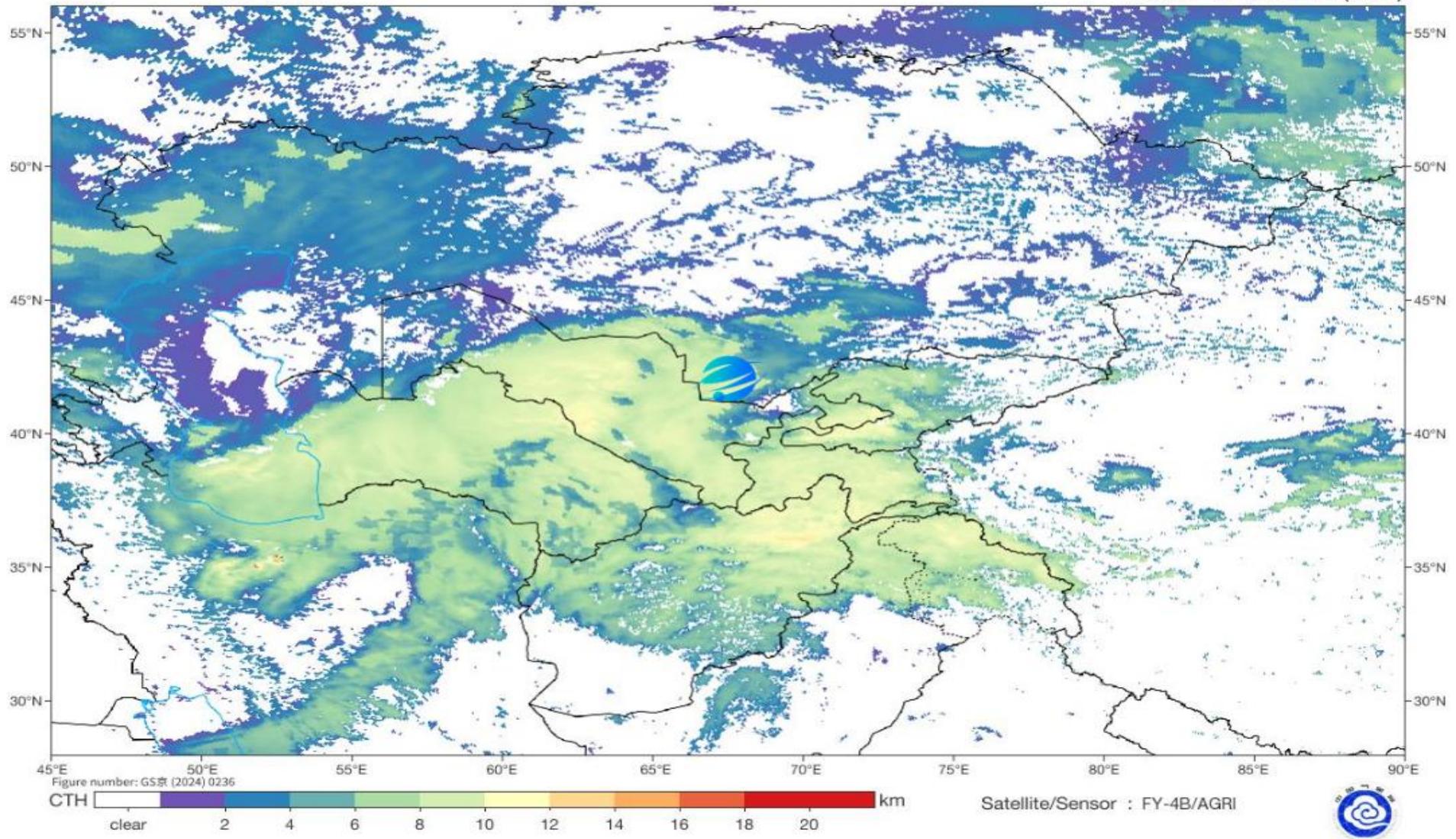
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

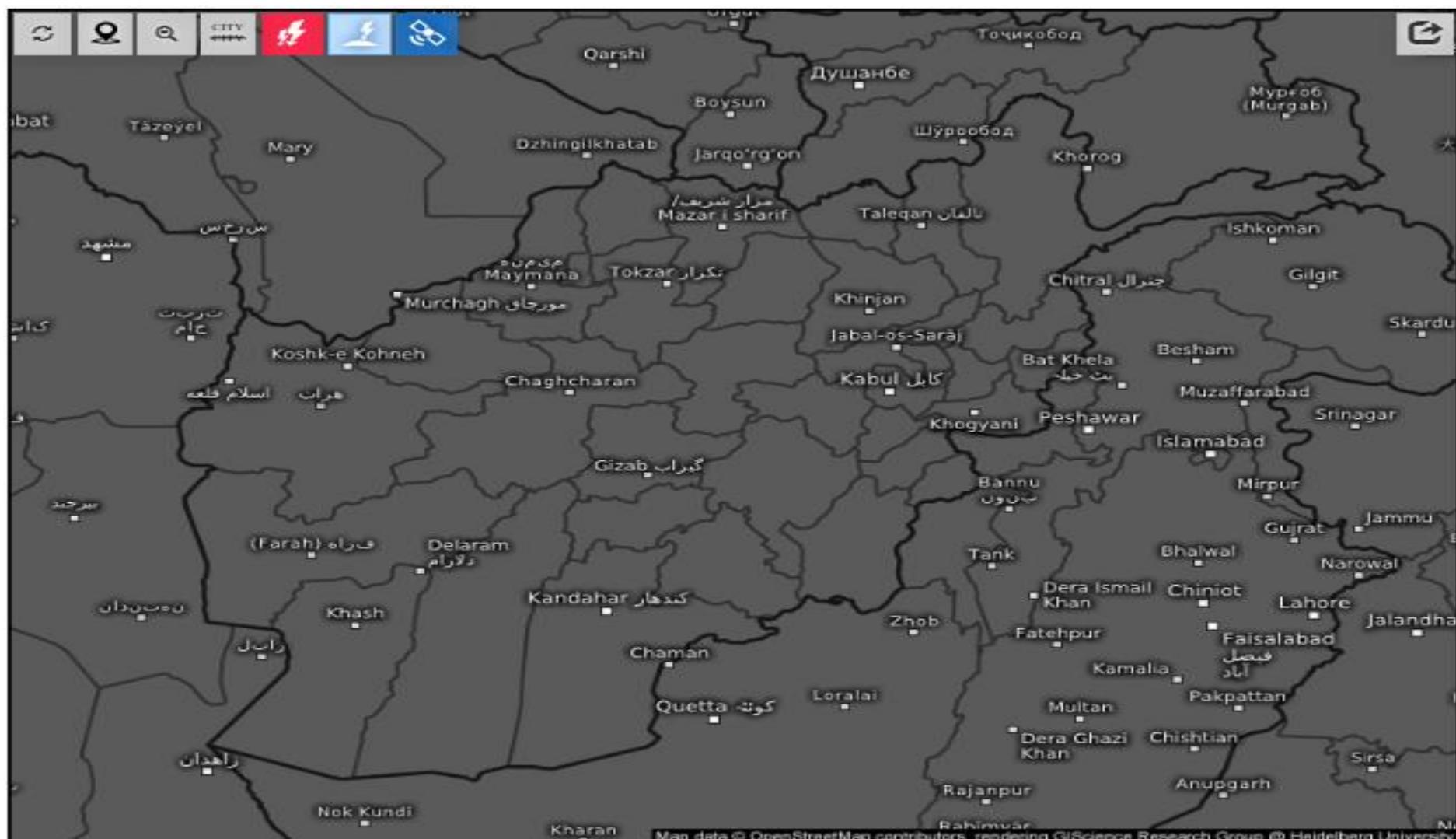
21-01-2026/(0445 to 0512) GMT
21-01-2026/(1015 to 1042) IST



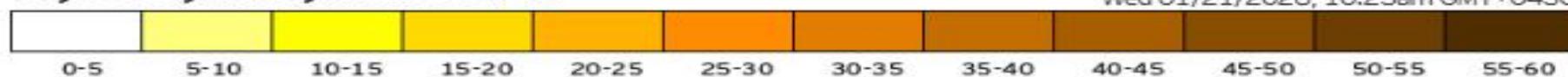
Cloud Top Height

2026-01-21 05:30(UTC)





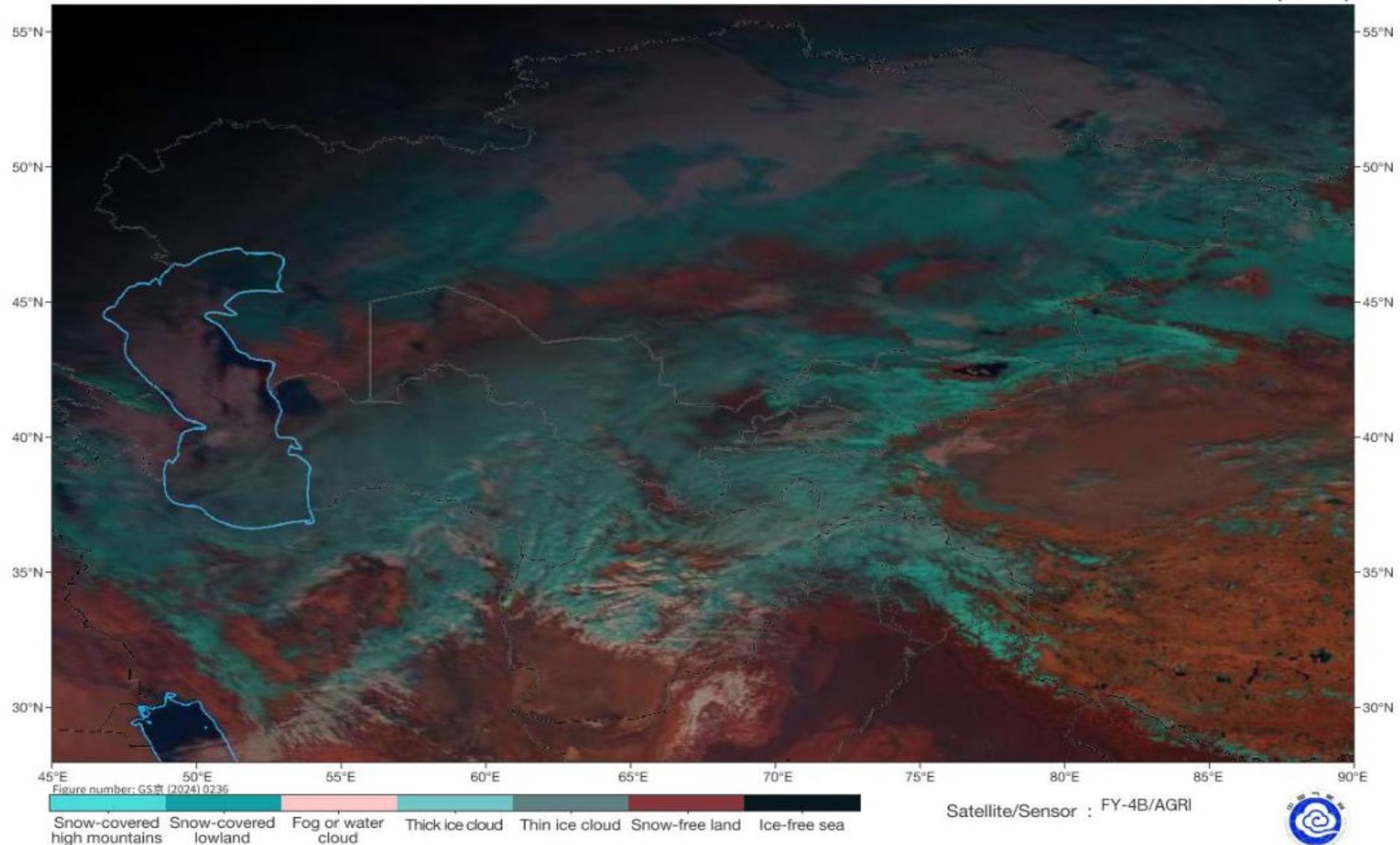
Age of lightning (minutes) i



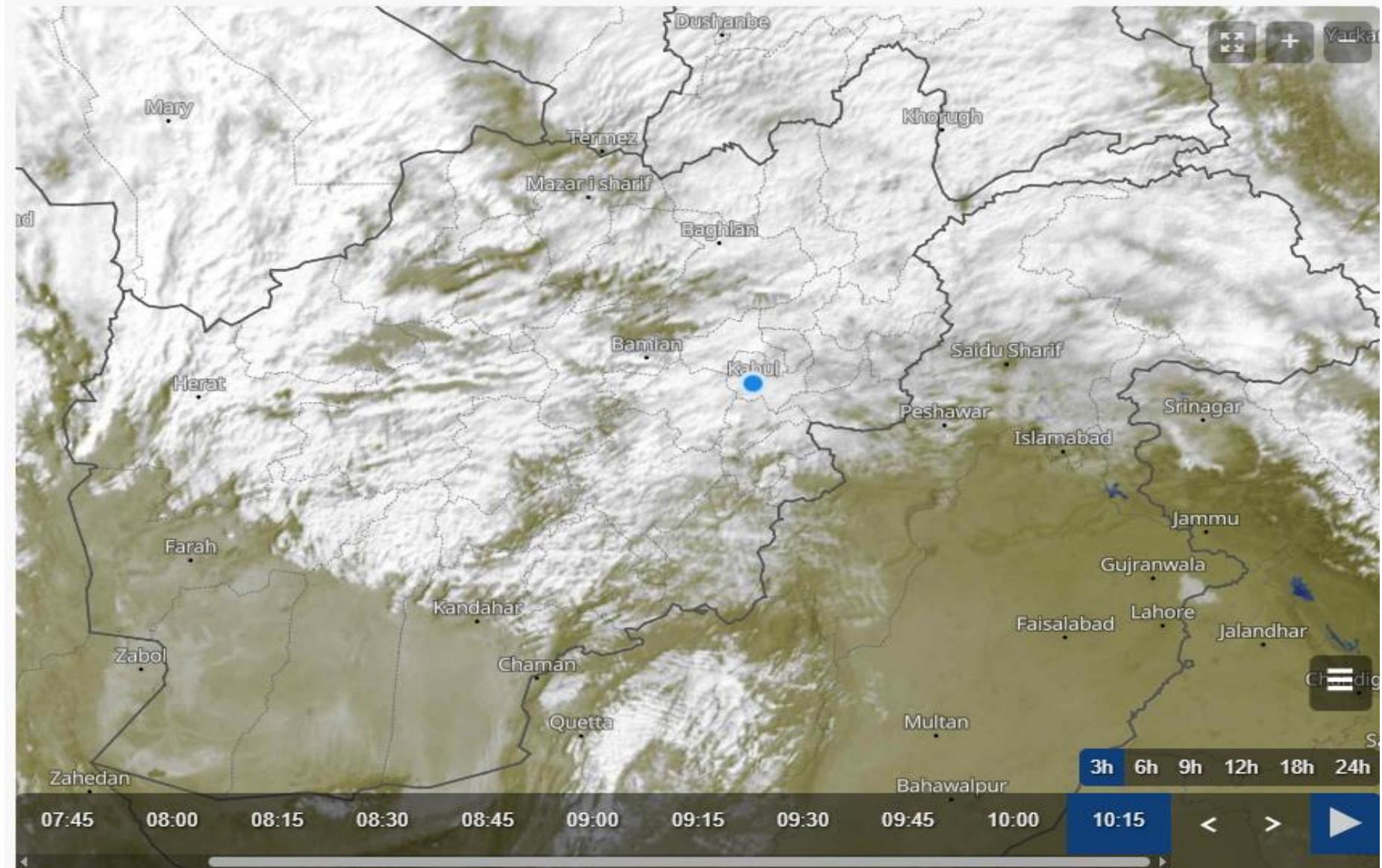
Wed 01/21/2026, 10:25am GMT+0430

Fog Identification

2026-01-21 05:45(UTC)



Live satellite map, Afghanistan



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

Init: 12z Jan 20 2026 Forecast Hour: [24] valid at 12z Wed, Jan 21 2026

TROPICALTIDBITS.COM

