



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



Daily reports of Satellite imagery analysis. Date & Time: 17/01/2026, 06:00 UTC

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

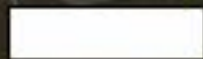
Details: according to satellite imagery analysis the northern, southern, western, central, southeastern, northwestern, southwestern regions have cold air mass. The northern, eastern, central, northeastern, southeastern regions have cloudy sky. The northern, northeastern, northwestern region have Fog.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

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

- Reported by: Esmatullah Mohammadi

UTC: 2026-01-16 20:15

AirMass



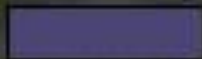
Thick,

high-level cloud



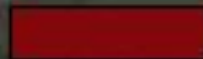
Thick,

mid-level cloud



Thick,

low-level cloud



Jet



Cold Airmass



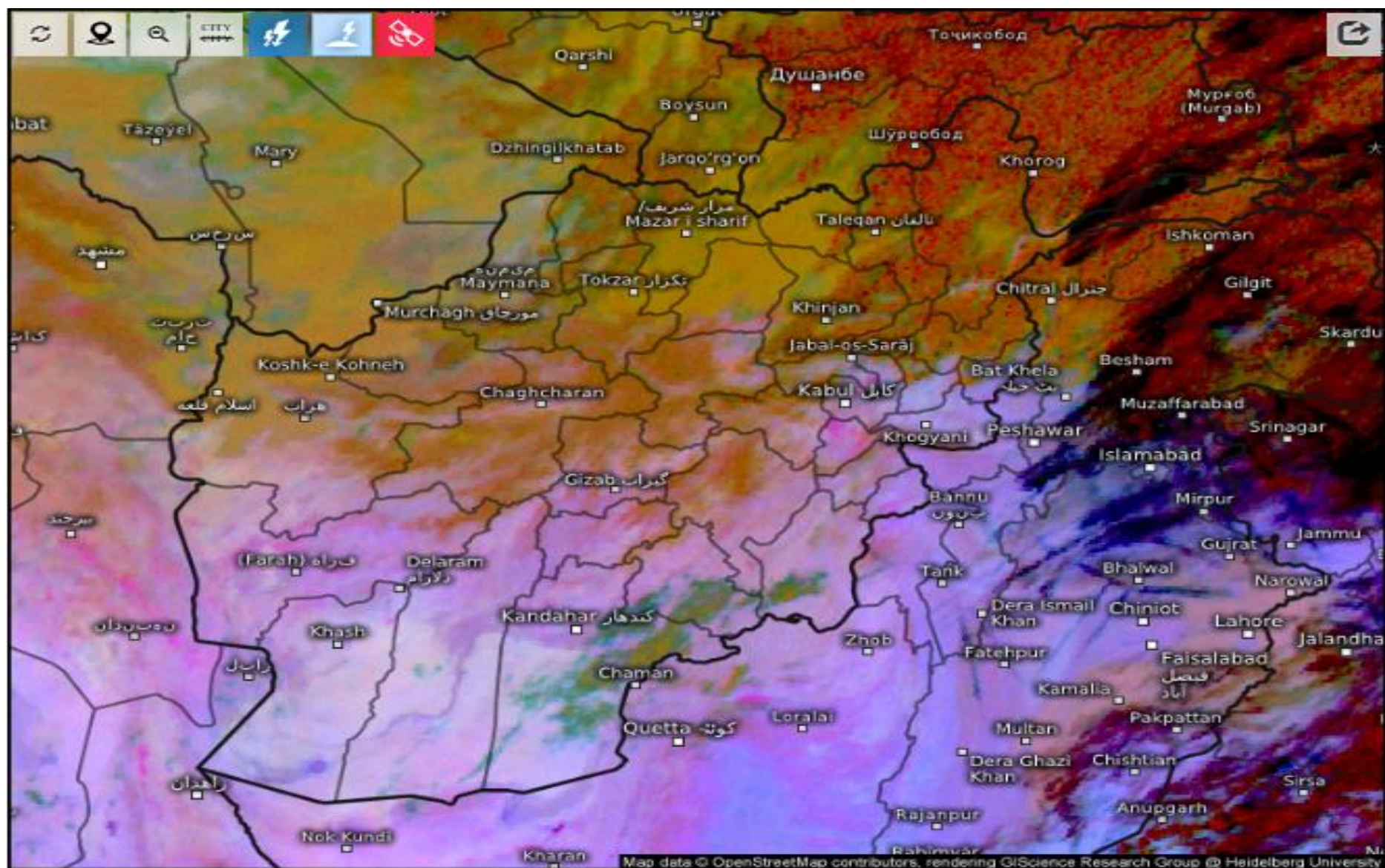
Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

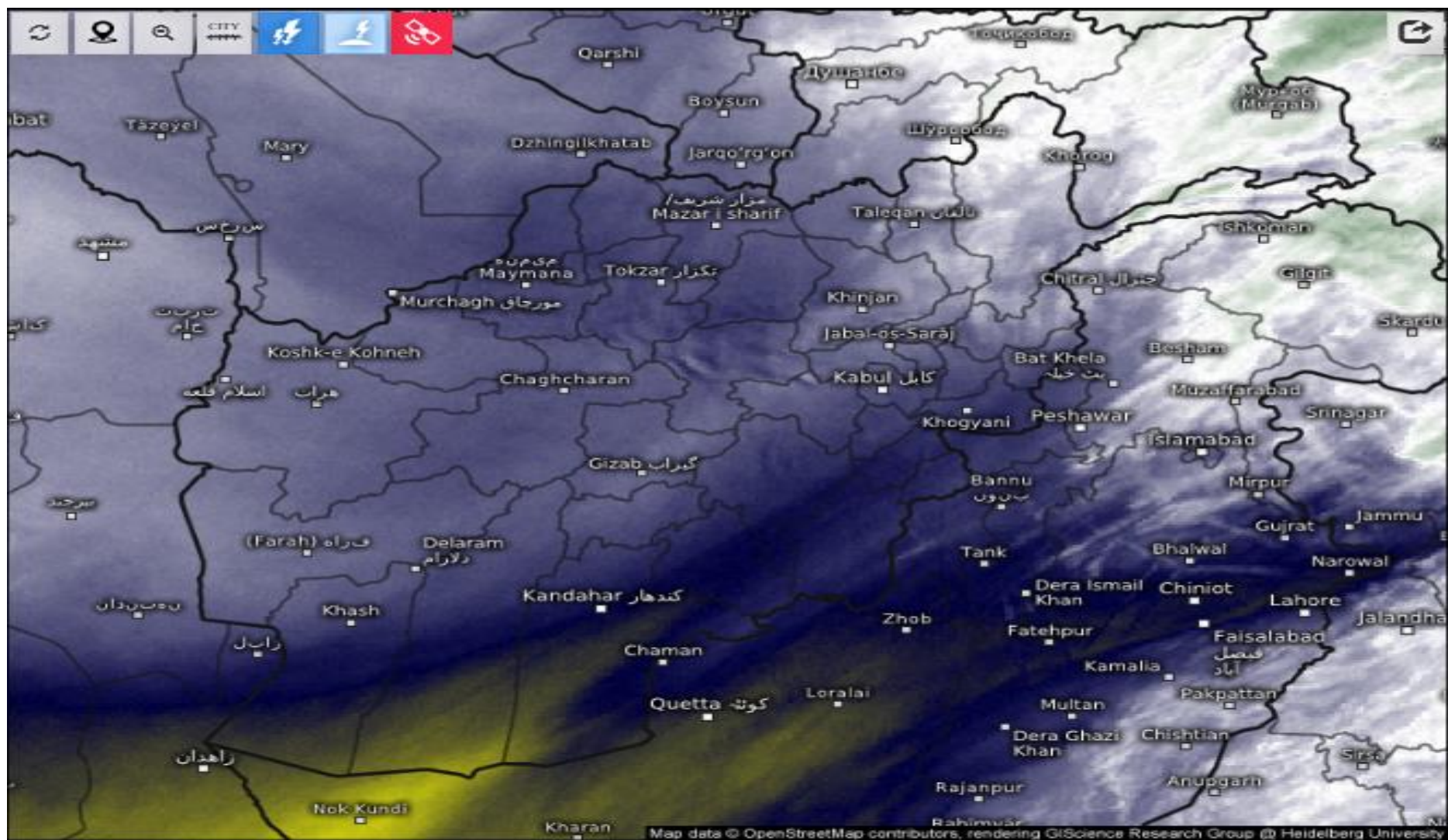
FY-4B AirMass RGB Composite (From WMO)





Satellite Dust 

Sat 01/17/2026, 10:00am GMT+0430



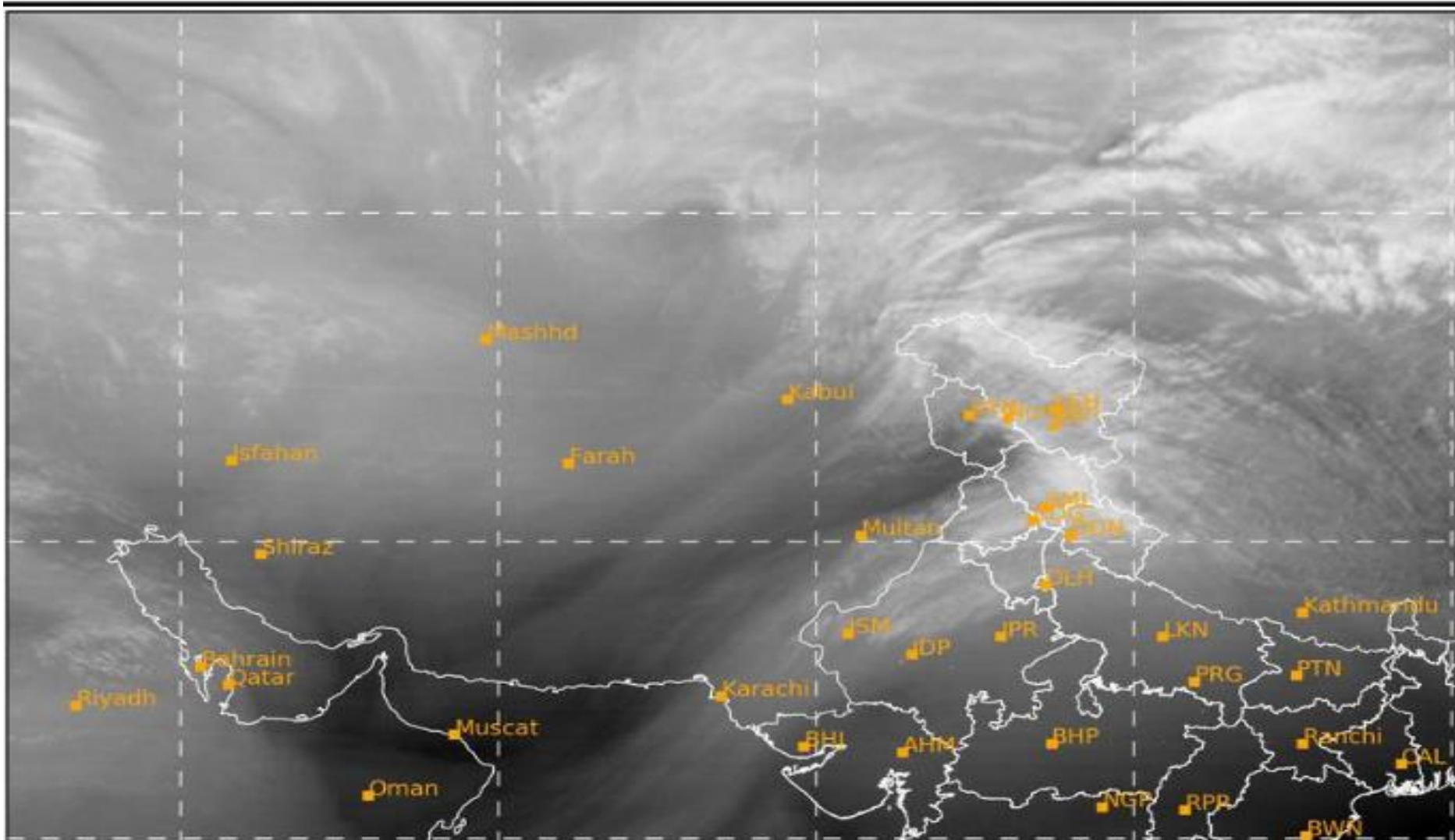
Satellite Water Vapor

Sat 01/17/2026, 10:00am GMT+0430



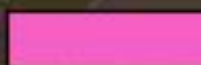
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

17-01-2026/(0444 to 0511) GMT
17-01-2026/(1014 to 1041) IST

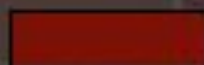


UTC: 2026-01-16 20:30

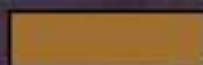
Dust



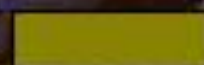
Dust



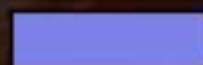
High-level cloud



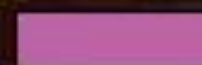
Thick,
mid-level cloud



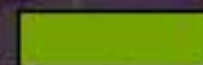
Thin,
mid-level cloud



Ocean



Land



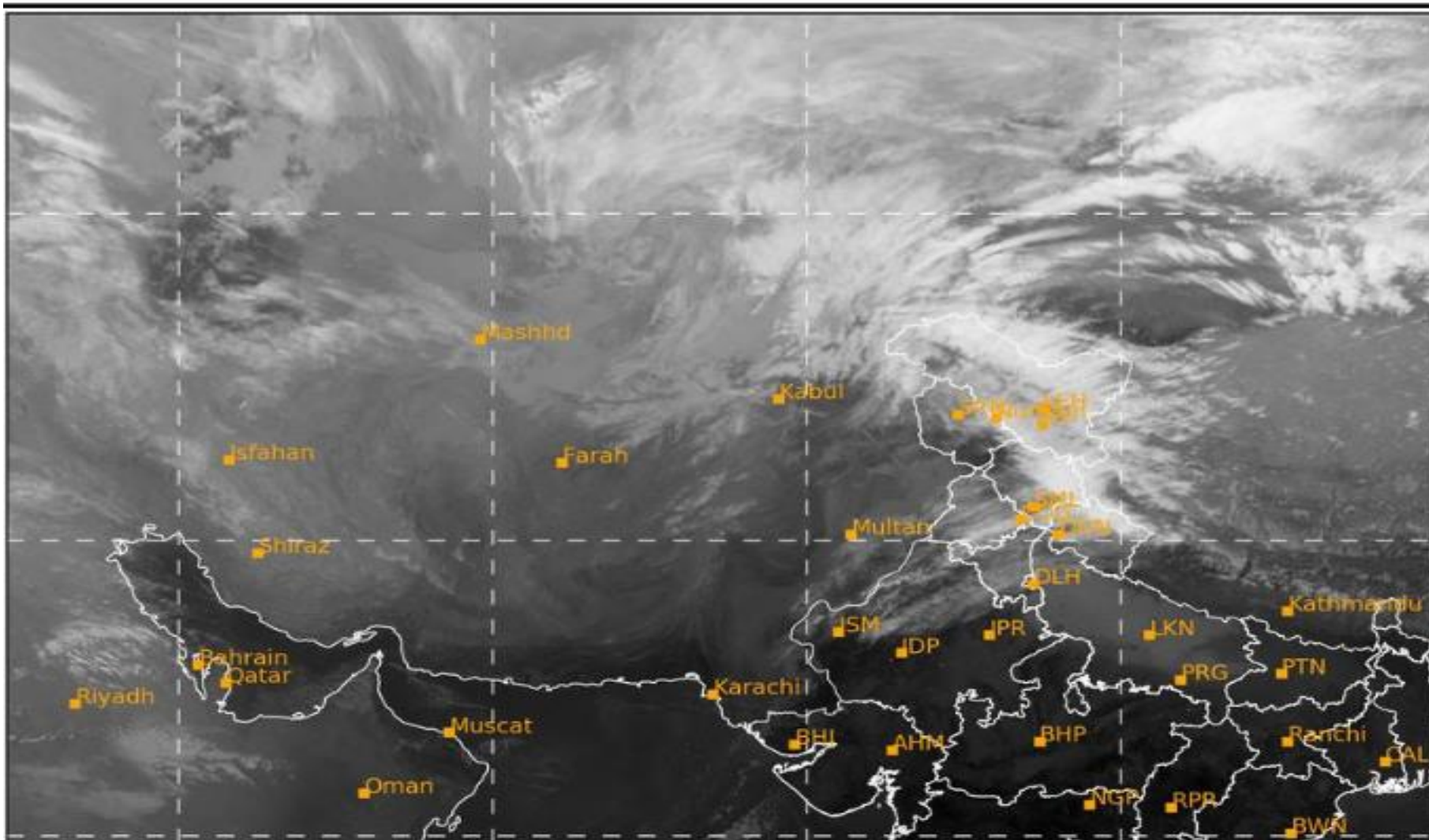
Low-level cloud

FY-4B Dust RGB Composite (From WMO)



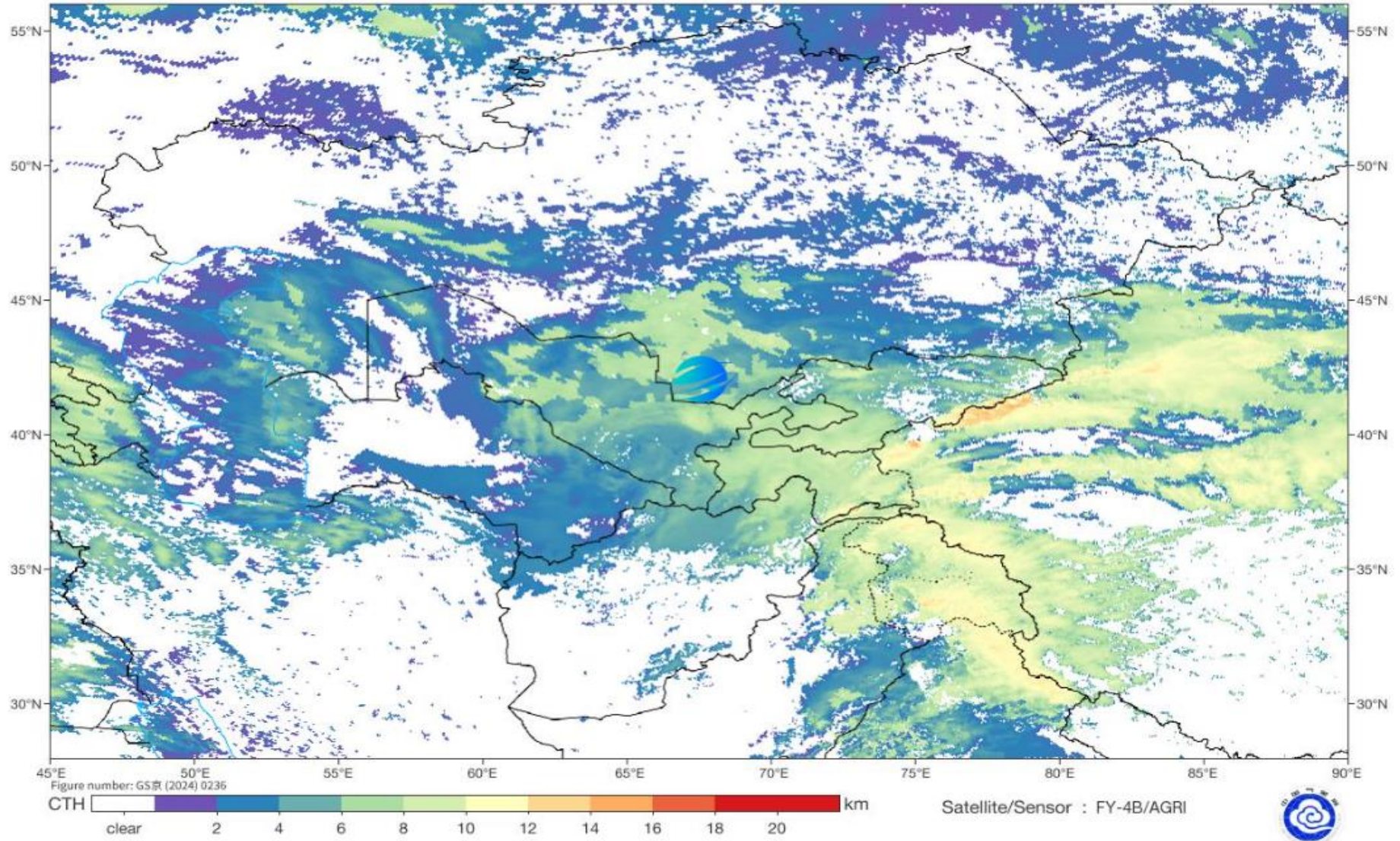
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

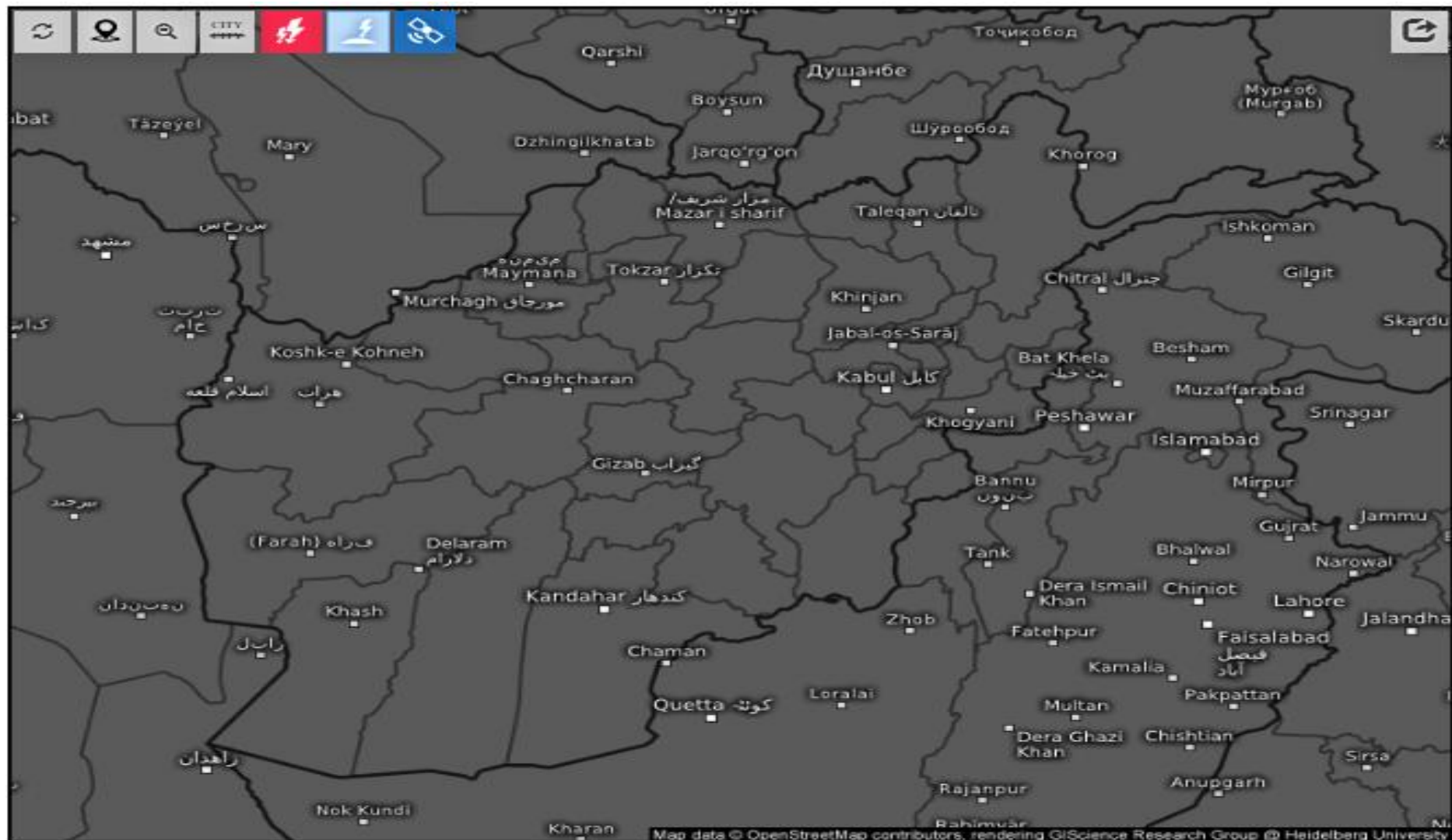
17-01-2026/(0444 to 0511) GMT
17-01-2026/(1014 to 1041) IST



Cloud Top Height

2026-01-17 05:30(UTC)





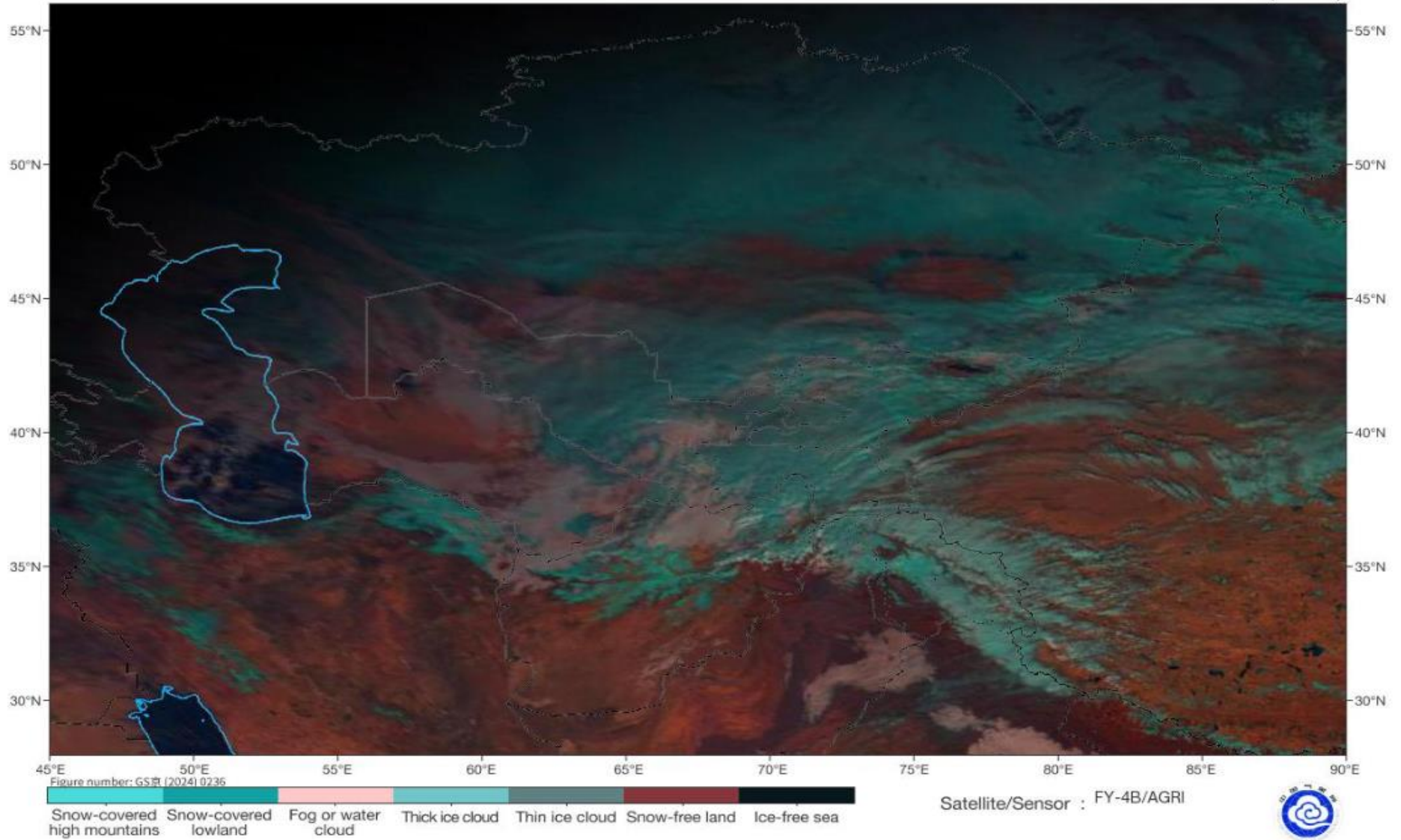
Age of lightning (minutes) 

Sat 01/17/2026, 10:20am GMT+0430



Fog Identification

2026-01-17 05:30(UTC)



Live satellite map, Afghanistan

