



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



Daily reports of Satellite imagery analysis. Date & Time: 20/01/2026, 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	
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	X	√ moderate	X	X	
8	Northwest	X	X	X	✓	✓	√ wet/clod	✓	X	High- Level Cloud
9	Southwest	✓	X	X	X	X	√ moderate	X	X	

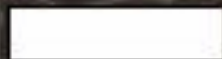
Details: according to satellite imagery analysis the southern, western, central, southeastern, southwestern regions have cold air mass. The northern, western, eastern, central, northeastern regions have cloudy sky. The northwestern region has Fog. The all-regions have moderate water vapor with the exception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

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

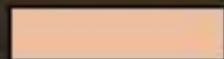
- Reported by: Esmatullah Mohammadi

UTC: 2026-01-19 20:30

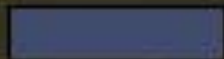
AirMass



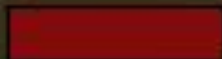
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



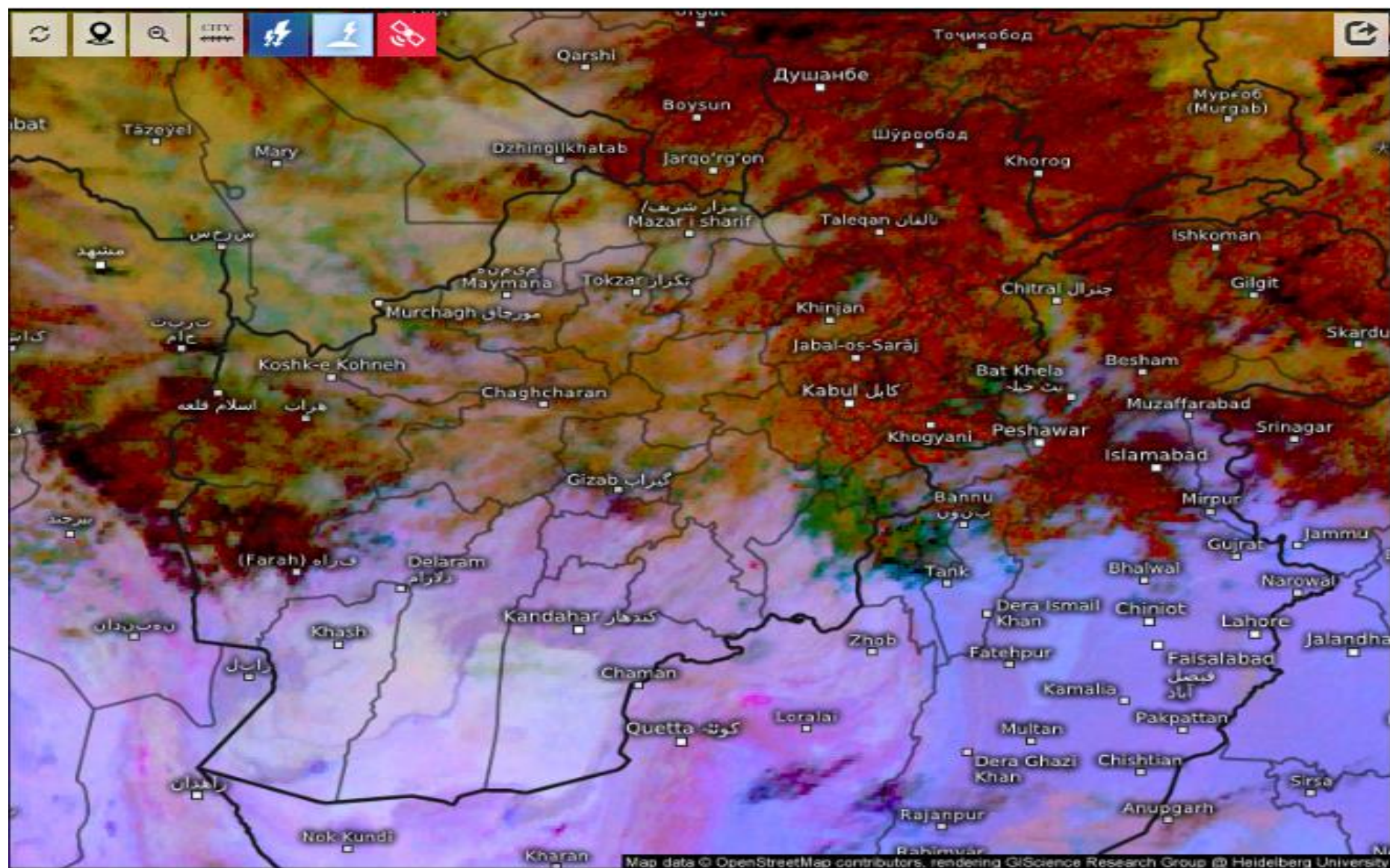
Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

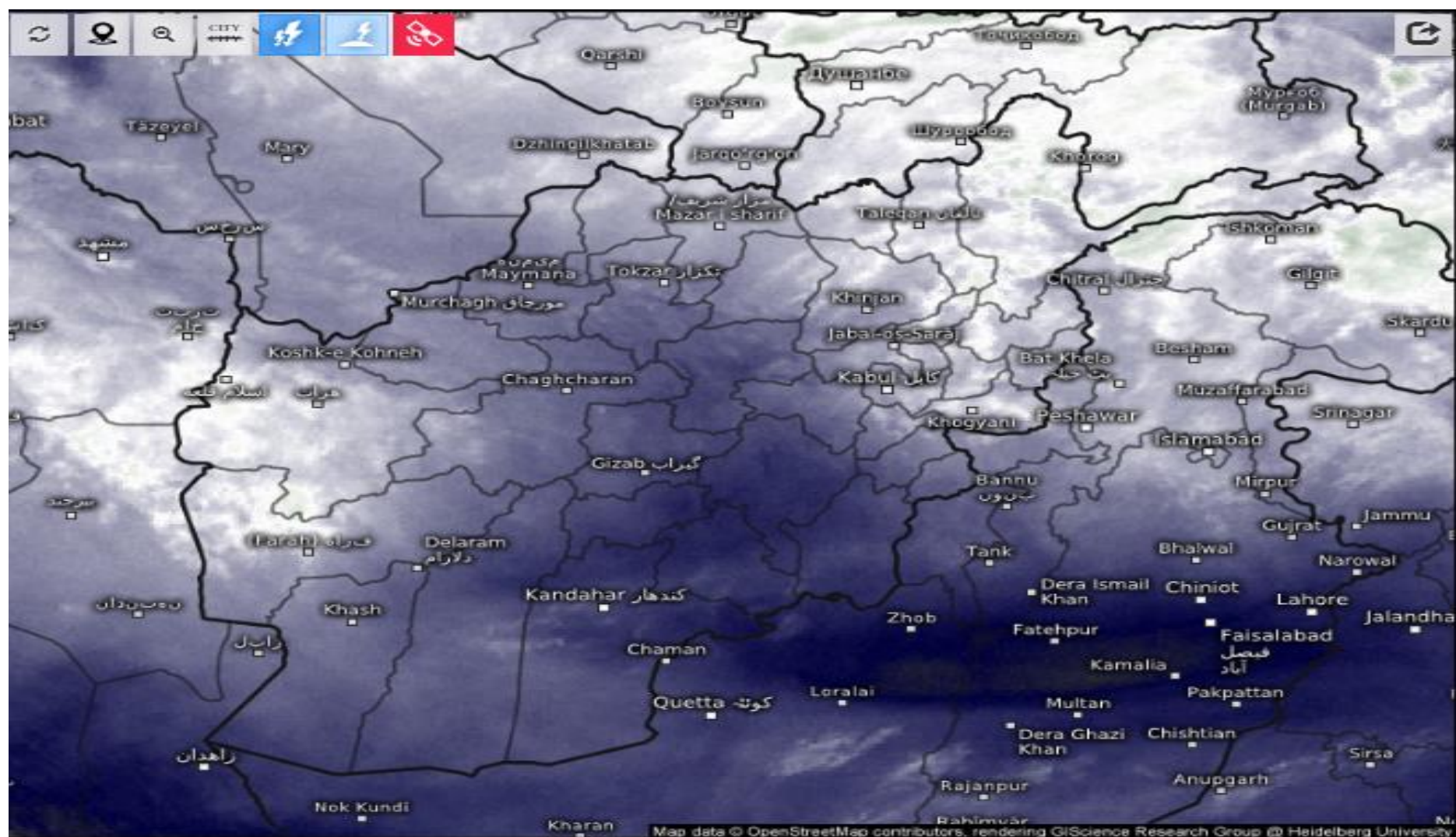
FY-4B AirMass RGB Composite (From W





Satellite Dust 

Tue 01/20/2026, 10:00am GMT+0430



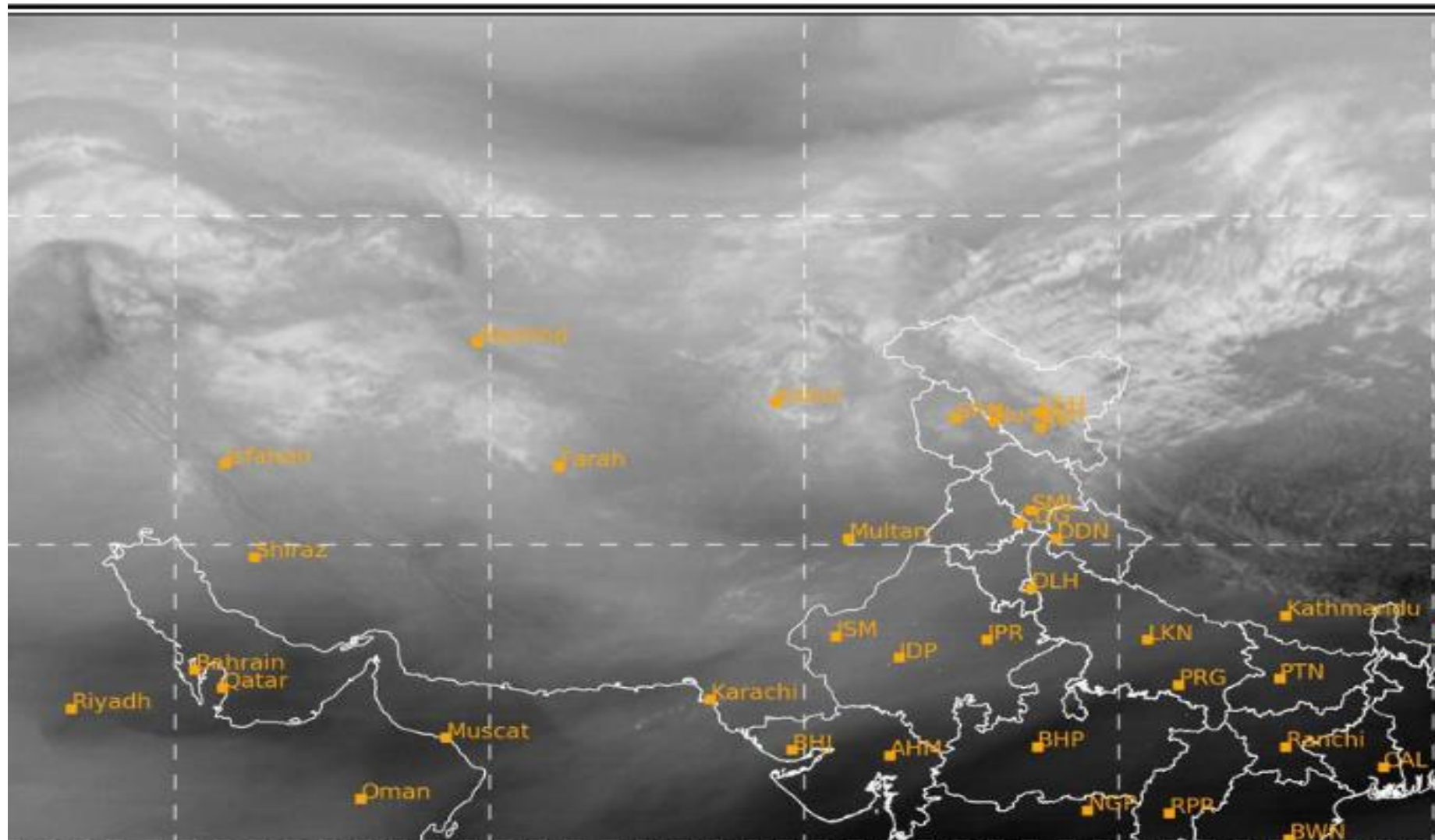
Satellite Water Vapor

Tue 01/20/2026, 10:00am GMT+0430



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

20-01-2026/(0445 to 0512) GMT
20-01-2026/(1015 to 1042) IST

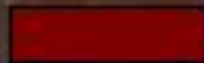


UTC: 2026-01-19 20:45

Dust



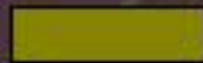
Dust



High-level cloud



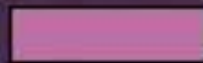
Thick,
mid-level cloud



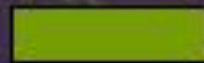
Thin,
mid-level cloud



Ocean



Land



Low-level cloud



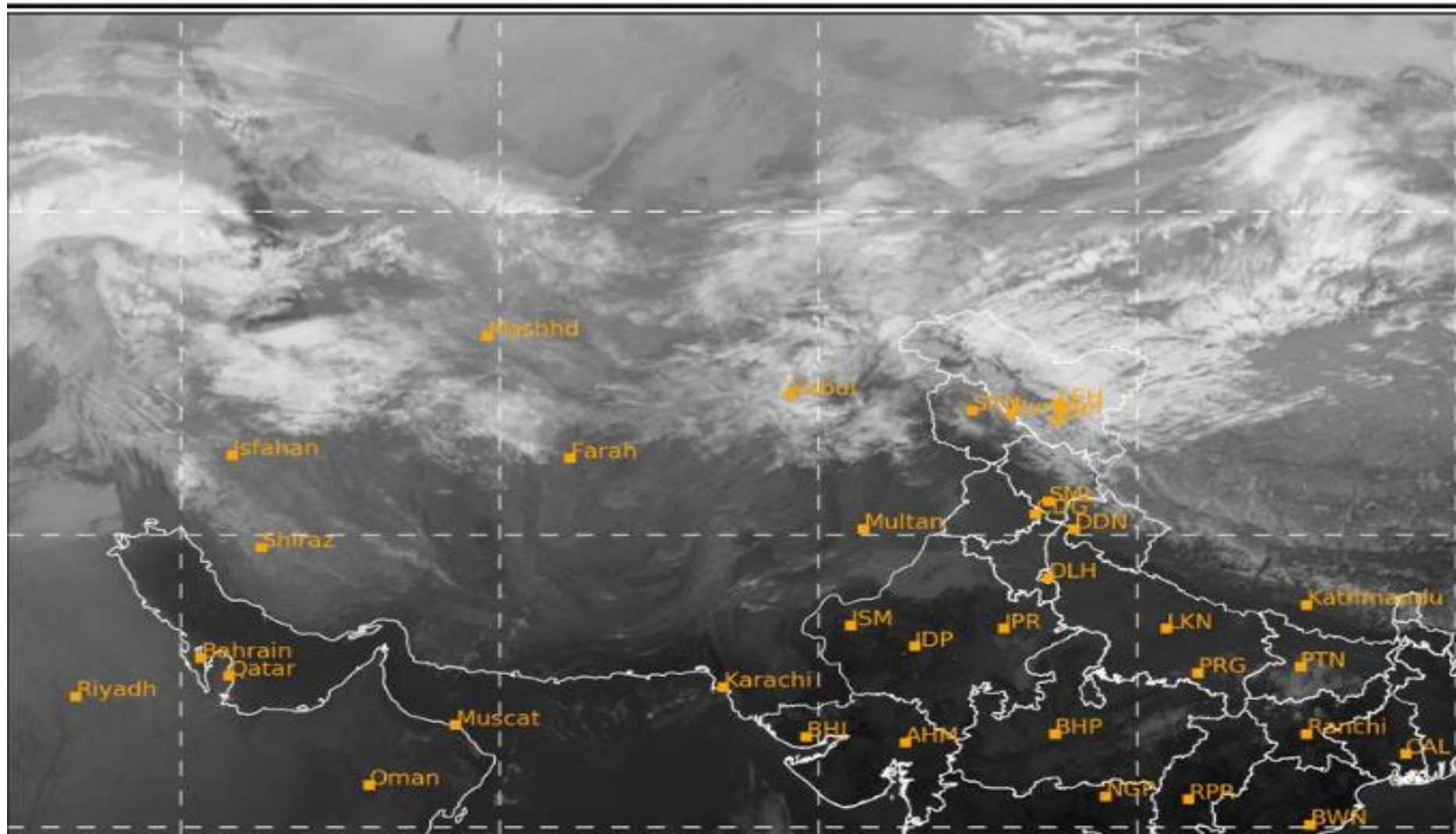
Cloud

FY-4B Dust RGB Composite (From WMO)



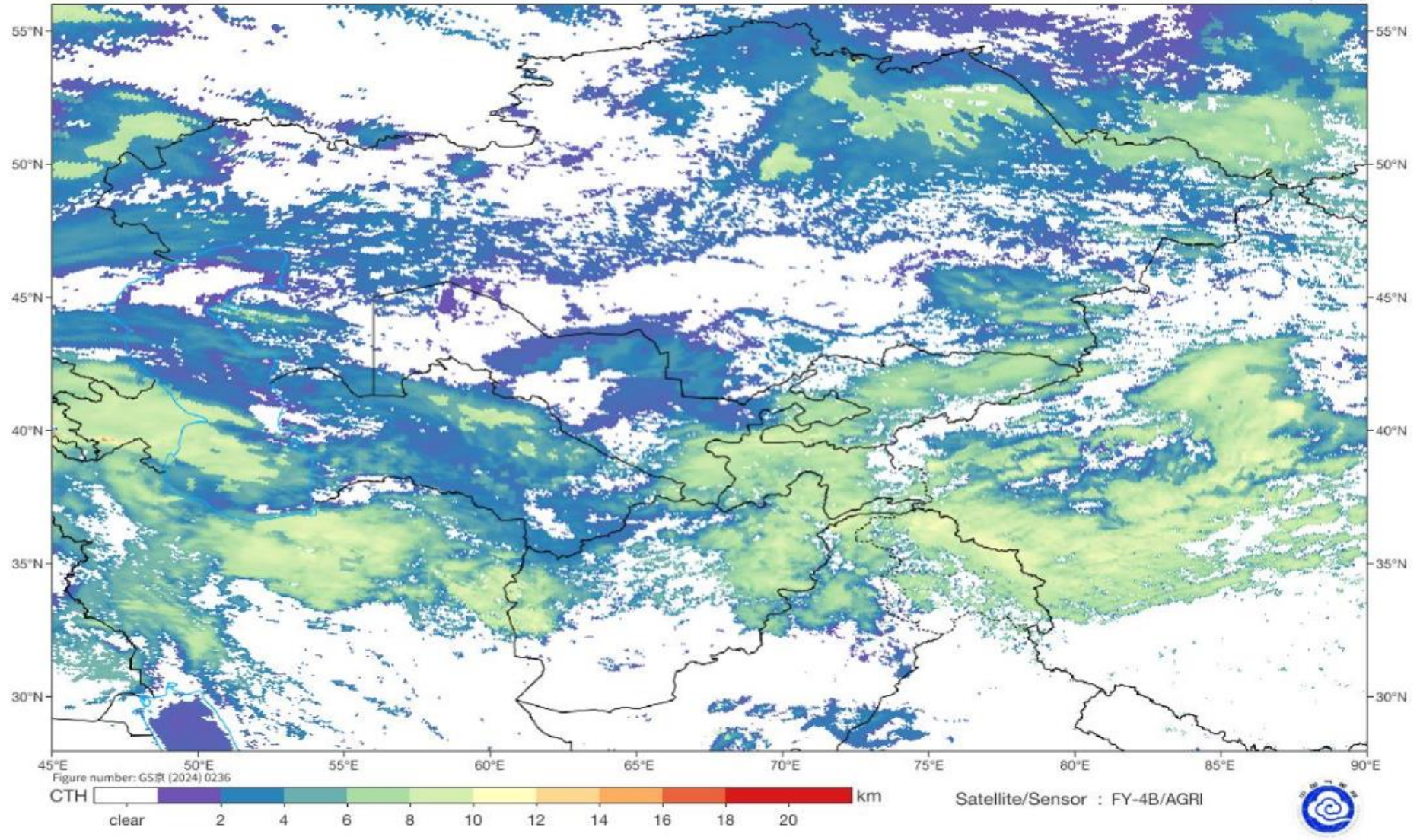
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

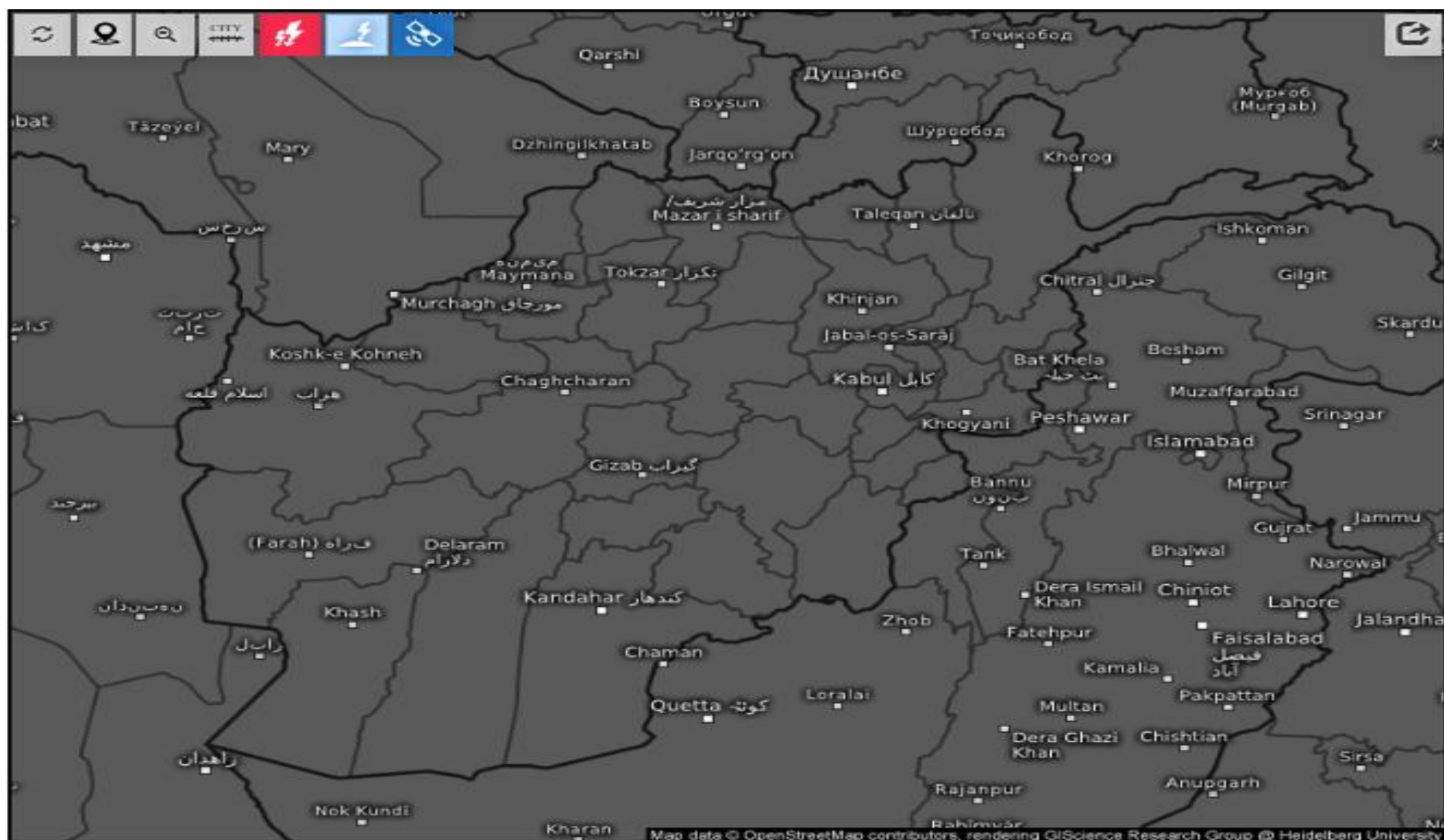
20-01-2026/(0445 to 0512) GMT
20-01-2026/(1015 to 1042) IST



Cloud Top Height

2026-01-20 05:30(UTC)





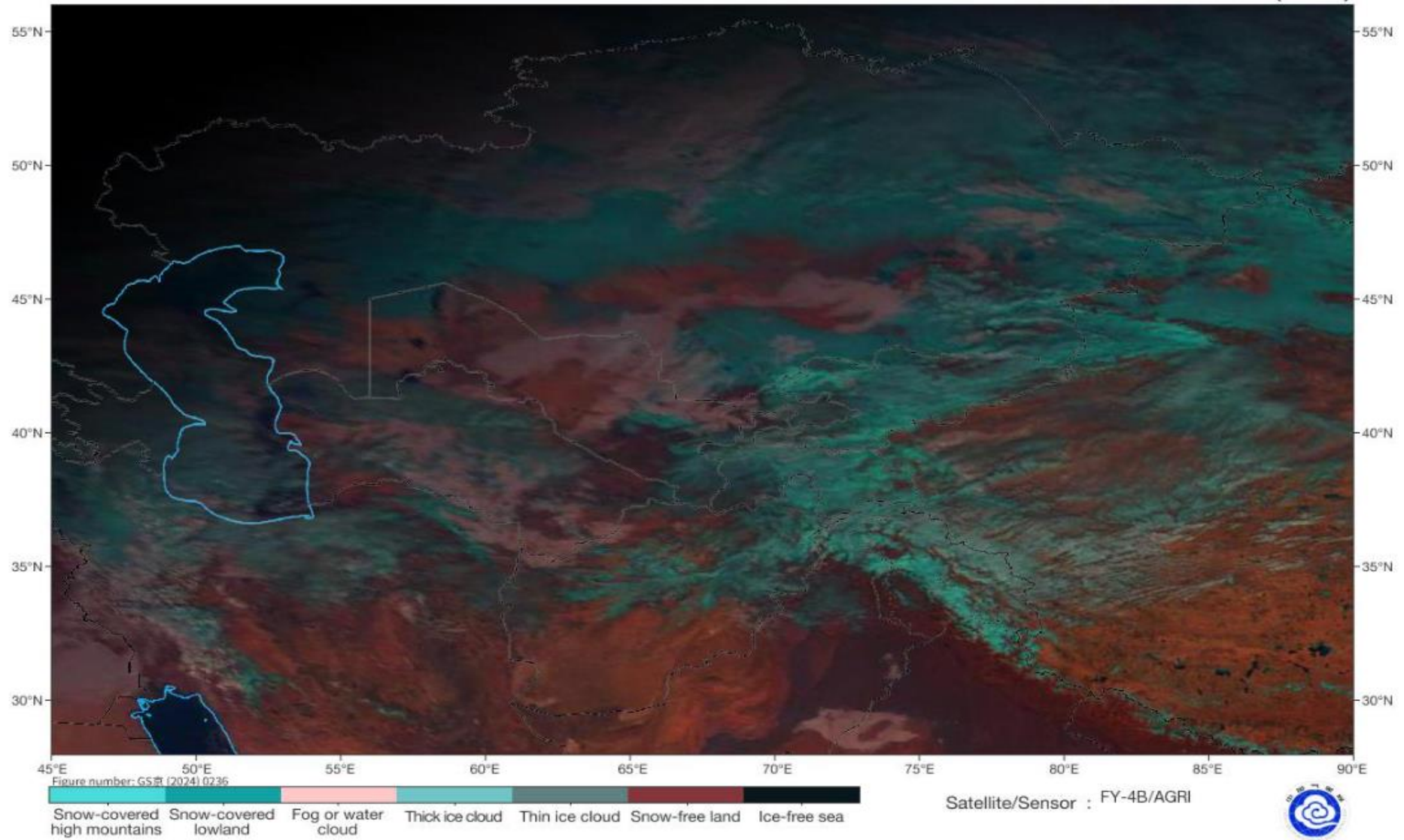
Age of lightning (minutes) 

Tue 01/20/2026, 10:10am GMT+0430

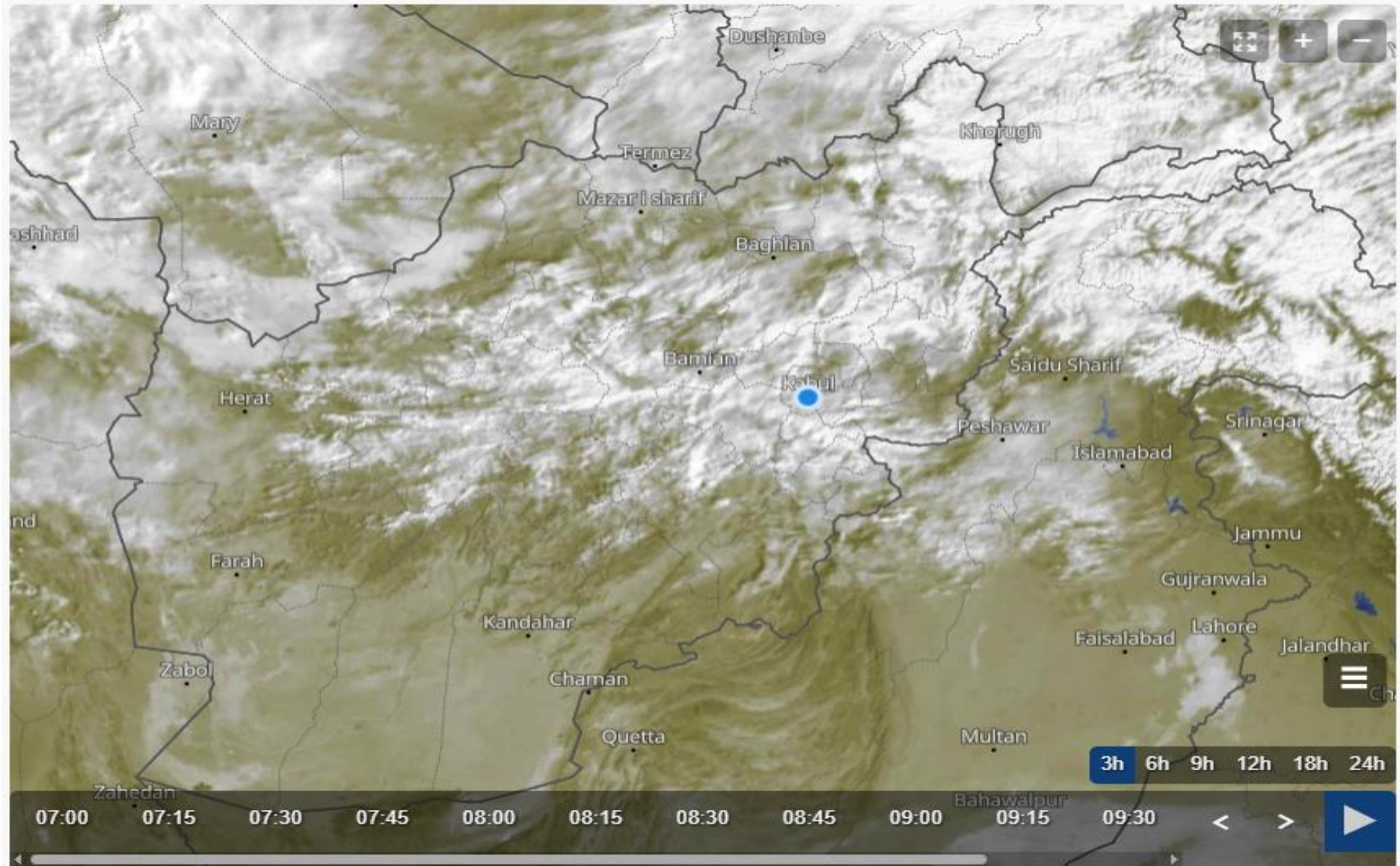


Fog Identification

2026-01-20 05:30(UTC)



Live satellite map, Afghanistan



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

Init: 18z Jan 19 2026 Forecast Hour: [6] valid at 00z Tue, Jan 20 2026

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