



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



Daily reports of Satellite imagery analysis. Date & Time: 19/01/2026, 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	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	
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	X	√ moderate	✓	X	
8	Northwest	✓	X	X	✓	✓	√ moderate	✓	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, western, eastern, central, northeastern 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. The Western, northwestern regions have a low-pressure system, while the eastern, southeastern have a high-pressure system.

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

- Reported by: Esmatullah Mohammadi

UTC: 2026-01-18 20:45

AirMass

Thick,
high-level cloud

Thick,
mid-level cloud

Thick,
low-level cloud

Jet

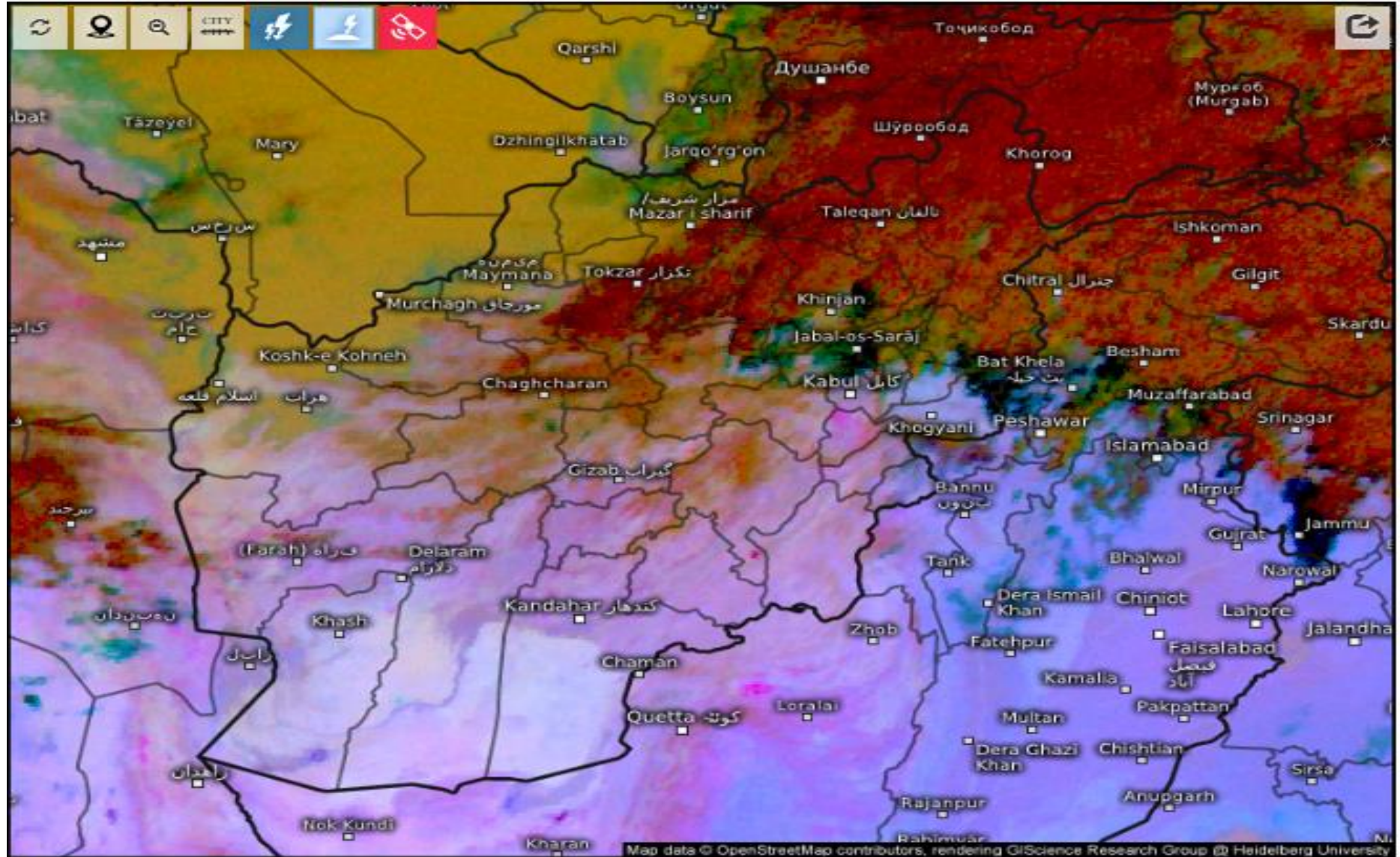
Cold Airmass

Warm Airmass
(high UTH)

Warm Air
(low UT)

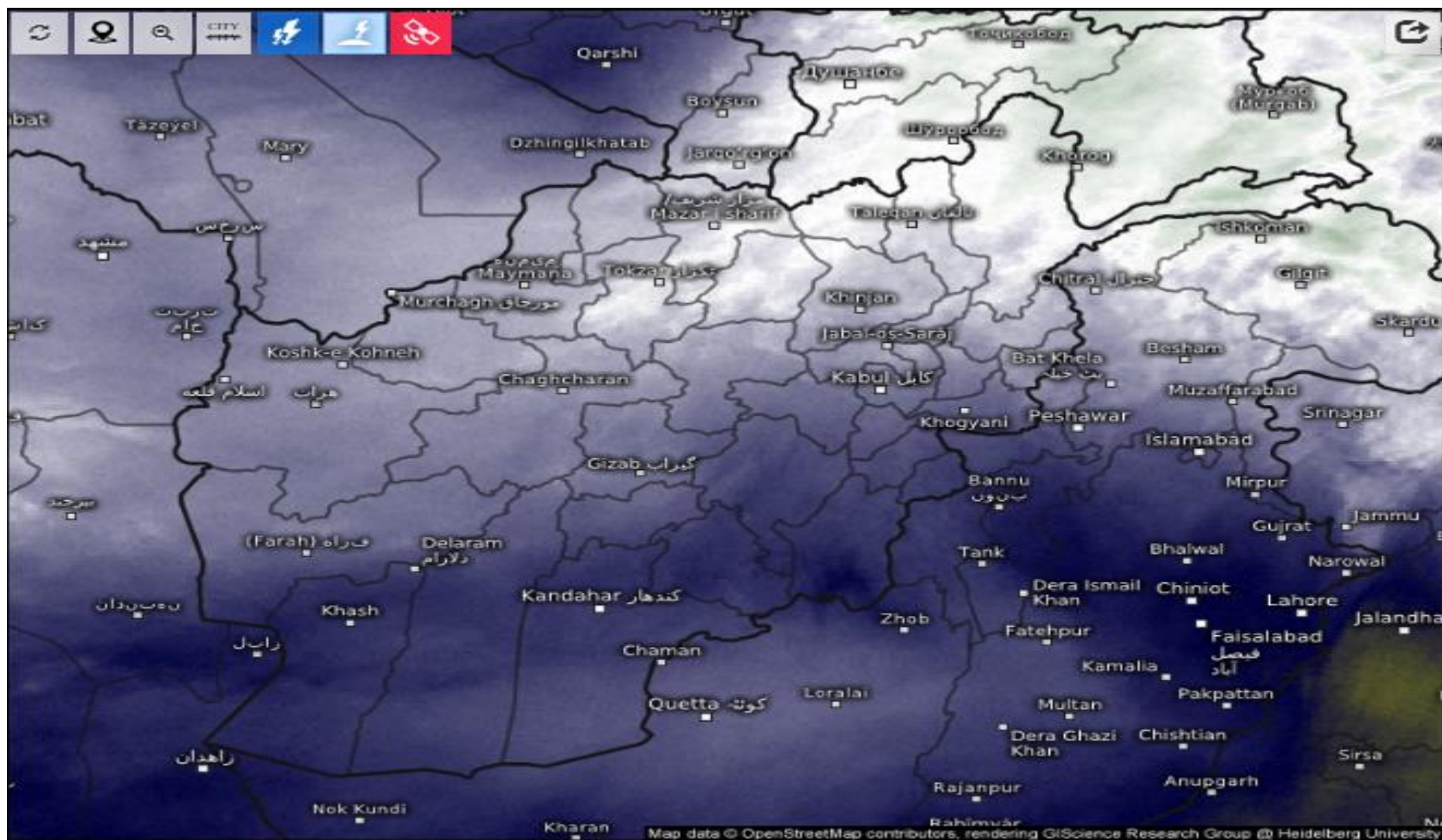
FY-4B AirMass RGB Composite (From WMO)





Satellite Dust 

Mon 01/19/2026, 10:15am GMT+0430



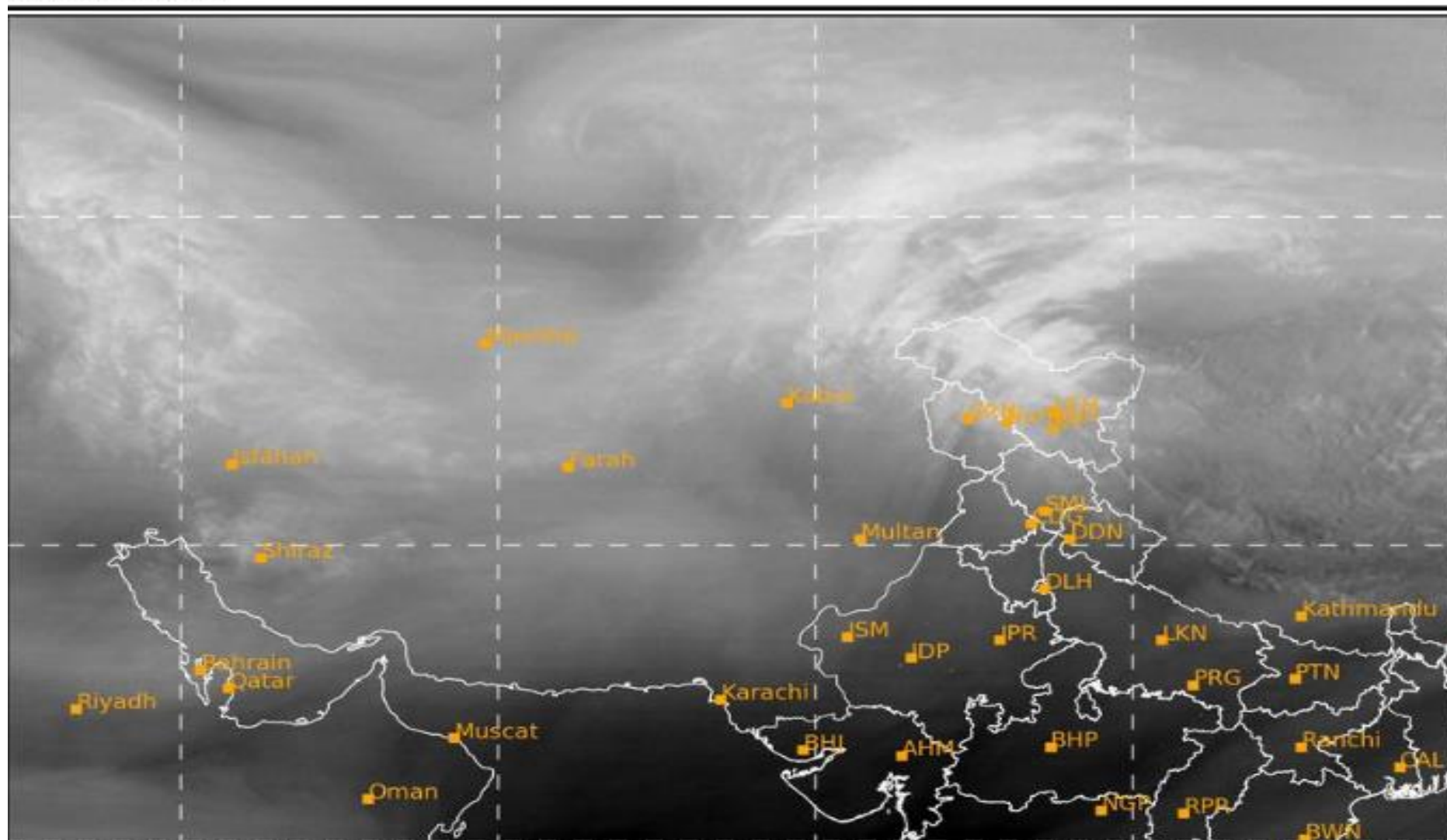
Satellite Water Vapor

Mon 01/19/2026, 10:15am GMT+0430



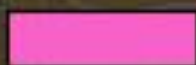
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

19-01-2026/(0345 to 0412) GMT
19-01-2026/(0915 to 0942) IST

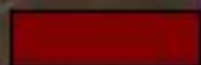


UTC: 2026-01-18 20:45

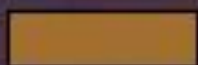
Dust



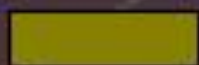
Dust



High-level cloud



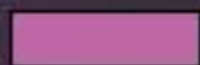
Thick,
mid-level cloud



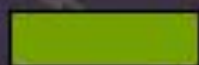
Thin,
mid-level cloud



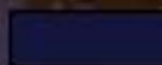
Ocean



Land



Low-level cloud



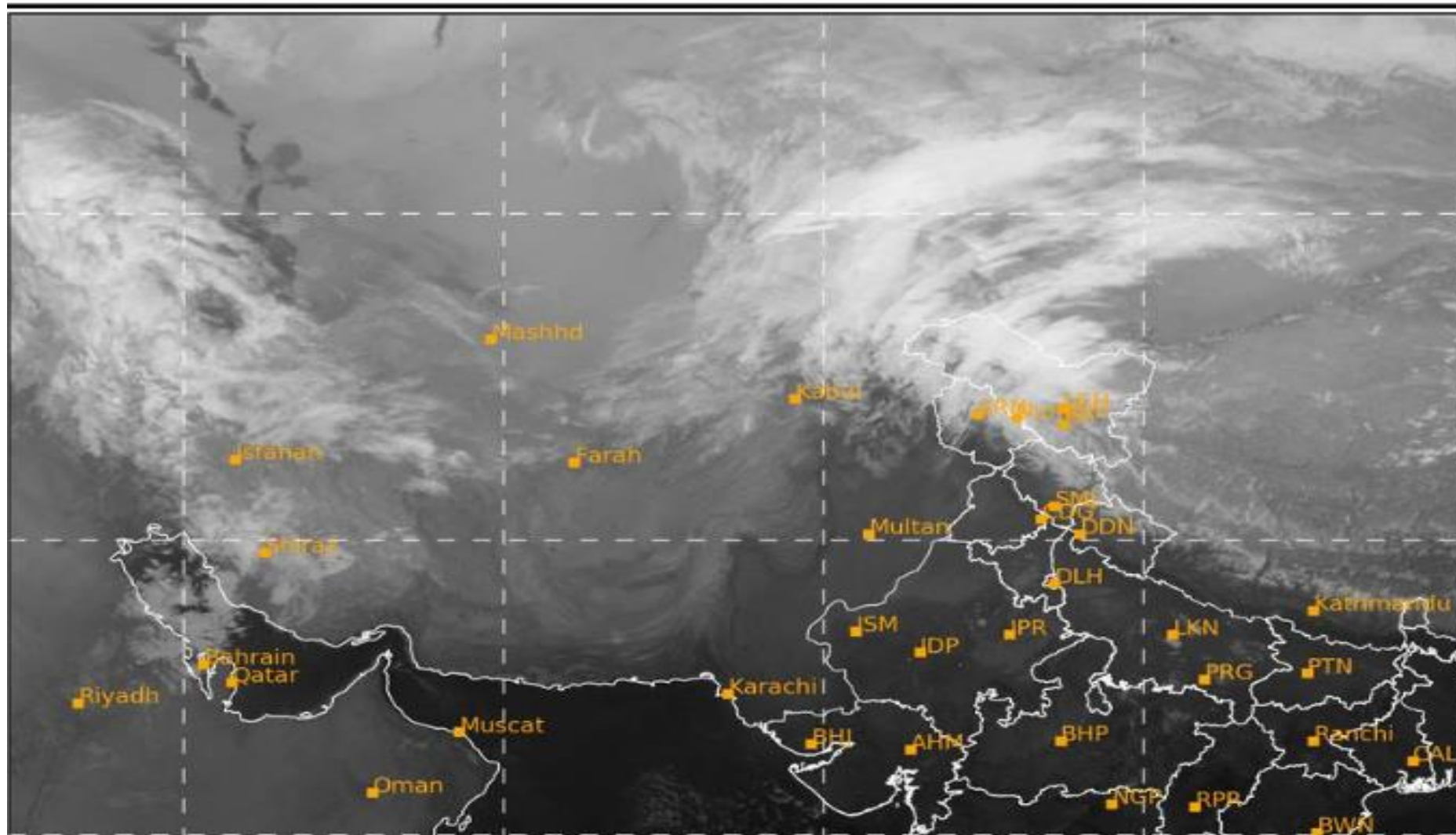
Cirrus

FY-4B Dust RGB Composite (From WMO)



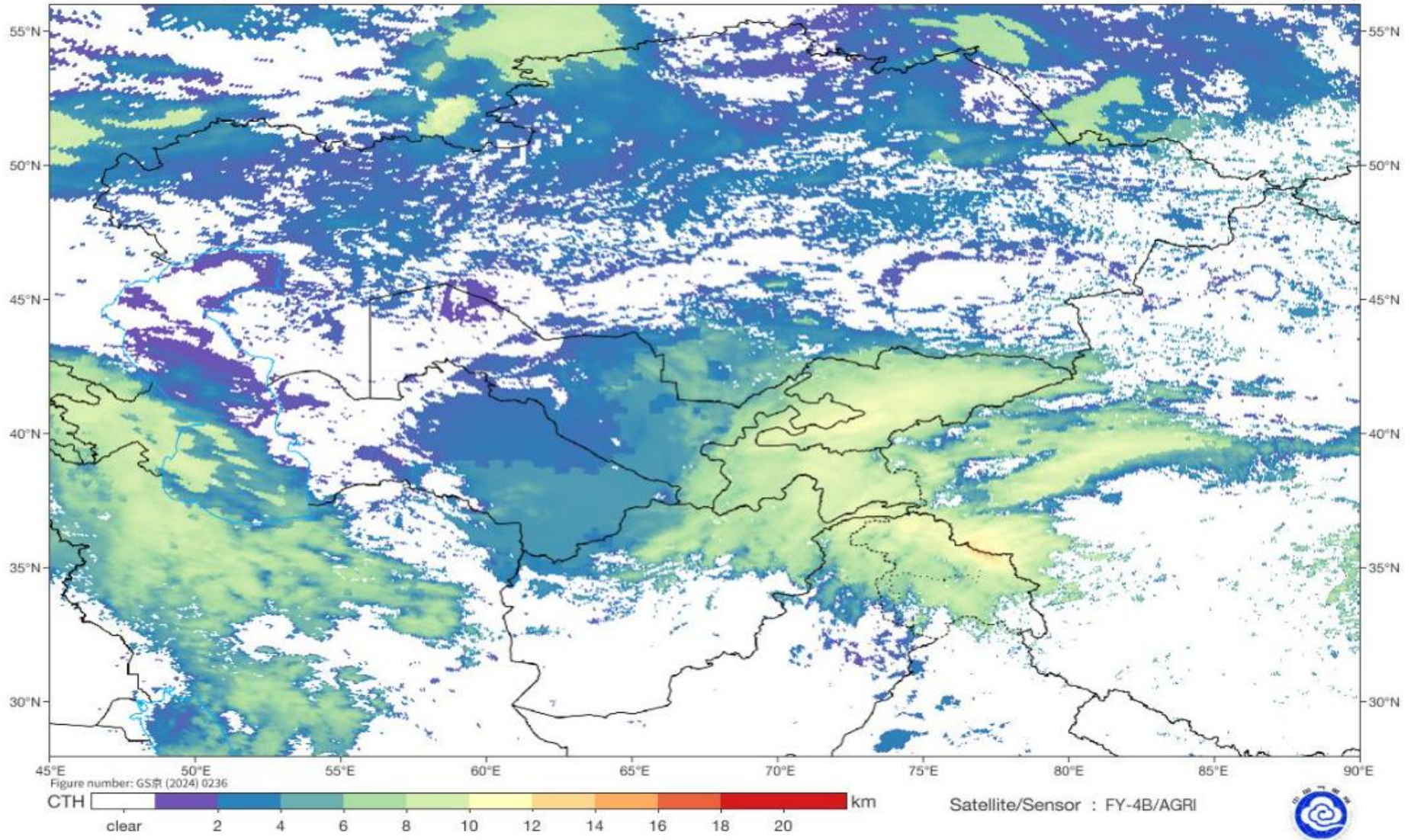
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

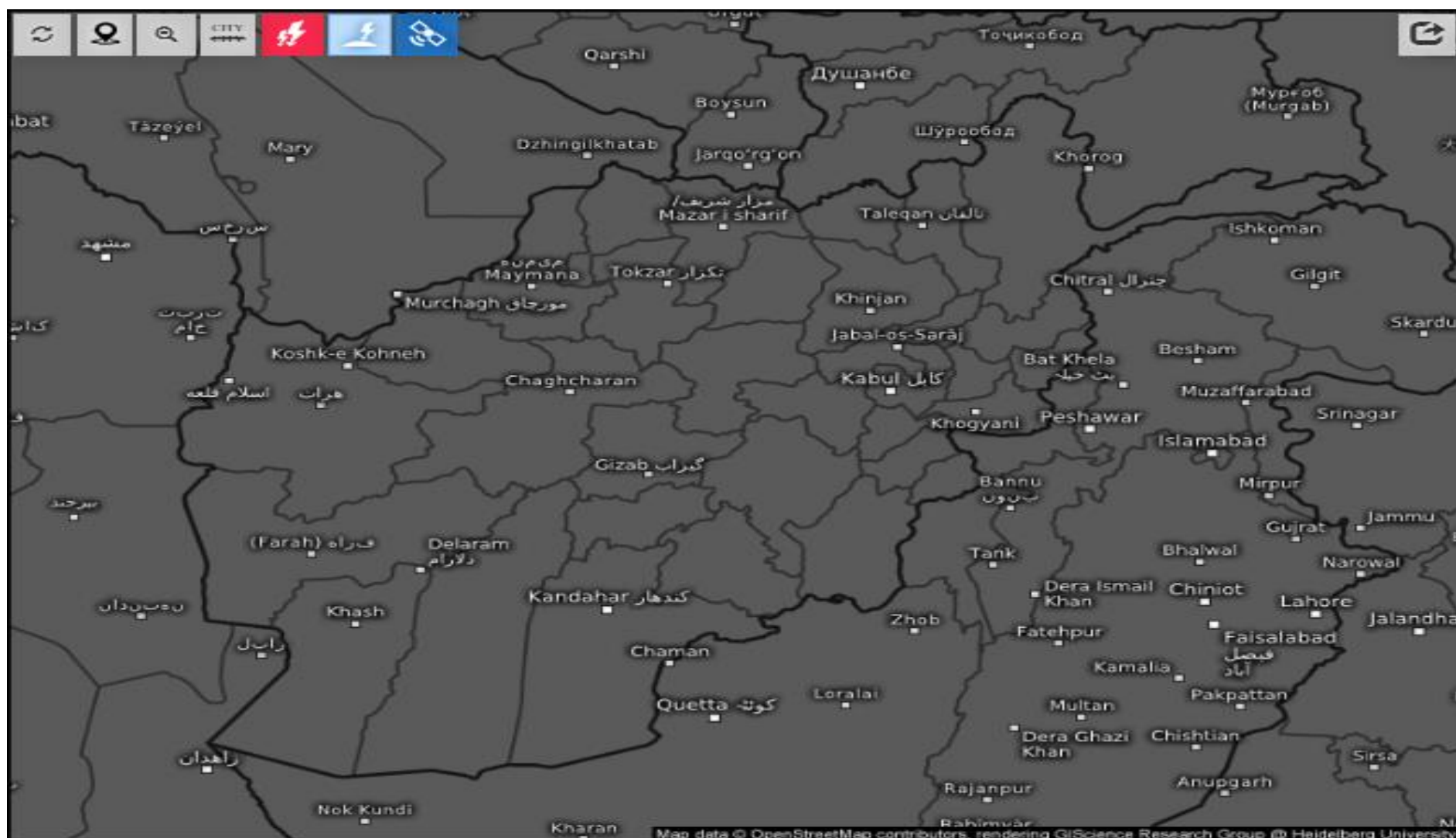
19-01-2026/(0345 to 0412) GMT
19-01-2026/(0915 to 0942) IST



Cloud Top Height

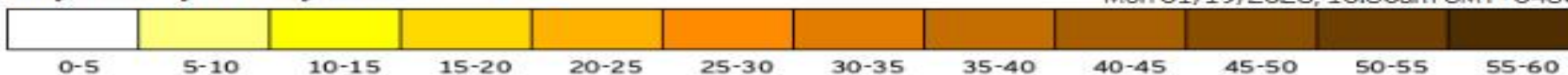
2026-01-19 05:30(UTC)





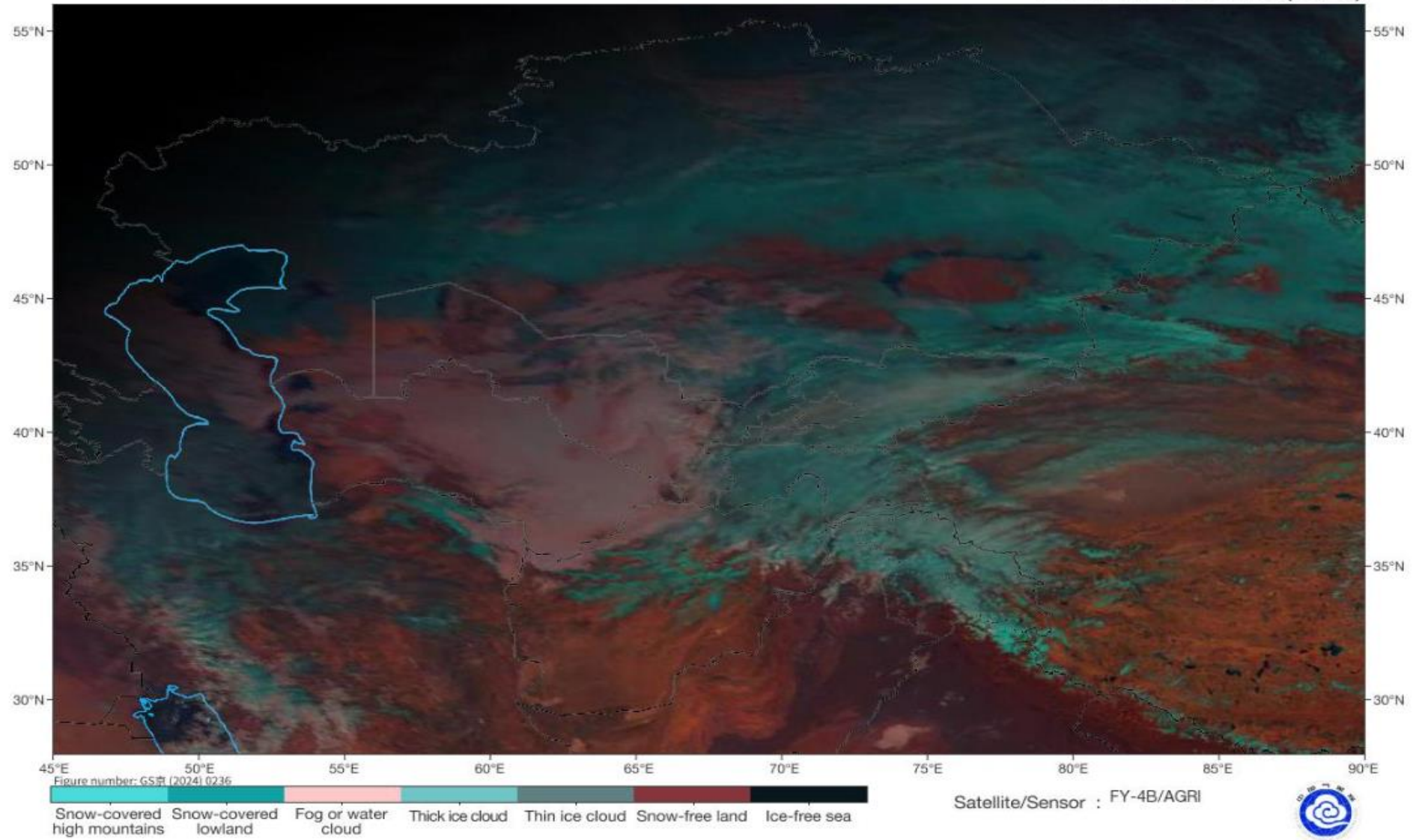
Age of lightning (minutes) 

Mon 01/19/2026, 10:30am GMT+0430

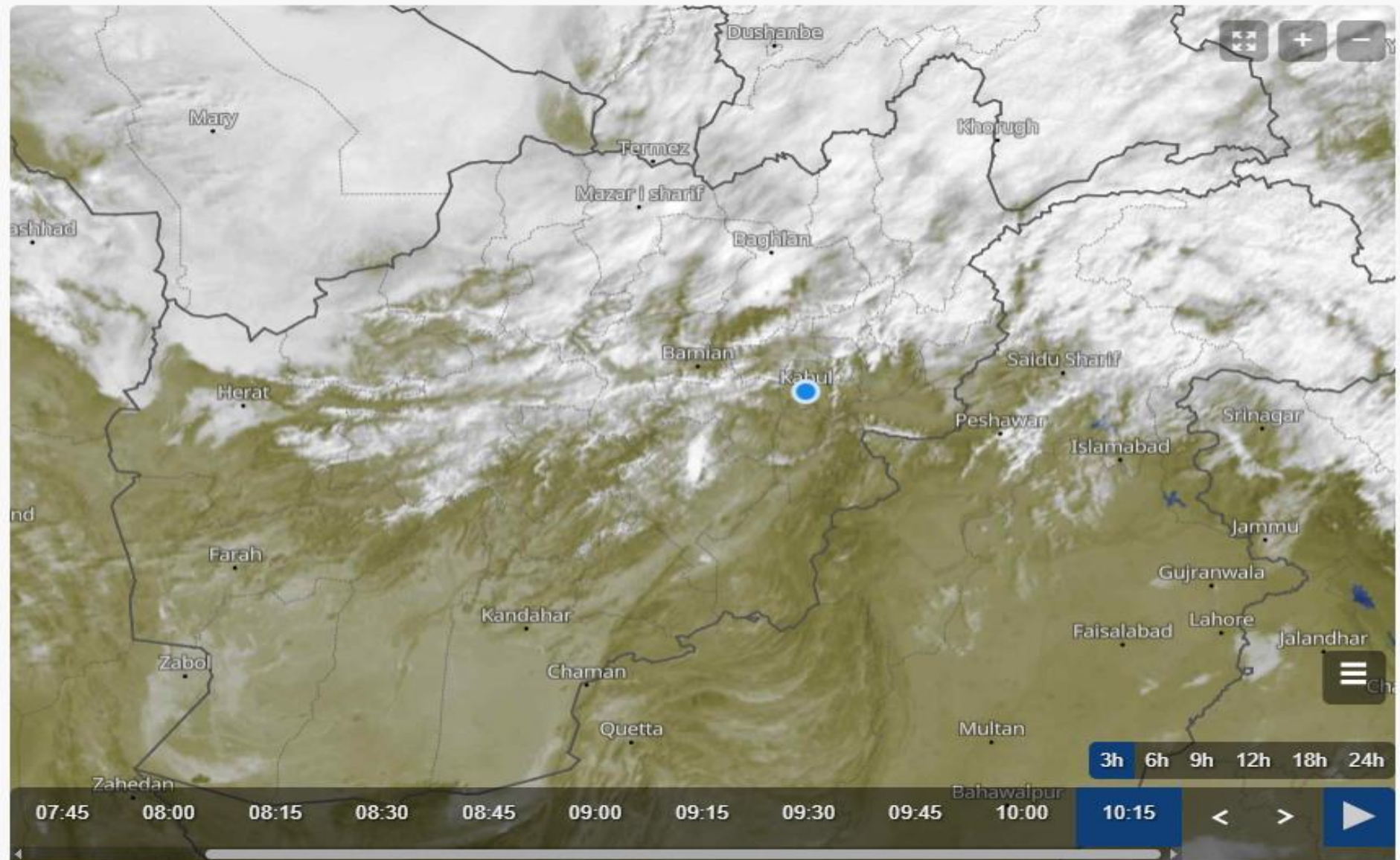


Fog Identification

2026-01-19 05:30(UTC)



Live satellite map, Afghanistan



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

Init: 12z Jan 14 2026 Forecast Hour: [120] valid at 12z Mon, Jan 19 2026

TROPICALTIDBITS.COM

