



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



Daily reports of Satellite imagery analysis. Date & Time: 18-04-2026, 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	✓ moderate	X	X	
3	West	✓	X	X	✓	X	✓ moderate	X	X	
4	East	✓	X	✓	✓	✓	✓ moderate	X	X	
5	central	✓	X	X	✓	X	✓ moderate	X	X	
6	Northeast	✓	X	X	✓	✓	✓ moderate	X	X	
7	Southeast	✓	X	✓	✓	X	✓ moderate	X	X	+ Lightning
8	Northwest	✓	✓	X	X	X	✓ moderate	X	X	
9	Southwest	✓	X	X	✓	X	✓ moderate	X	X	

Details: according to satellite imagery analysis, the southern, western, eastern, southeastern, southwestern regions have cold air mass. The northern, central, northeastern, northwestern, regions have warm air mass with (Low UTH). The northwestern regions have dust. The eastern, southeastern regions have thunderstorm. The northern, southern, western, eastern, central, northeastern, southeastern, southwestern regions have cloudy sky. The northern, eastern, northeastern regions have fog or water cloud. The all-regions have moderate water.

Not: X (Not existing phenomena) v (existing phenomena)

Reported by: Esmatullah Mohammadi

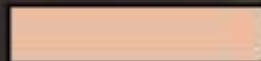
UTC: 2026-04-17 20:15

AirMass



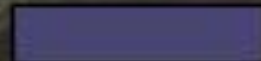
Thick,

high-level cloud



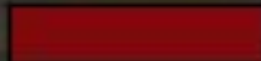
Thick,

mid-level cloud

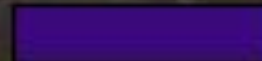


Thick,

low-level cloud



Jet

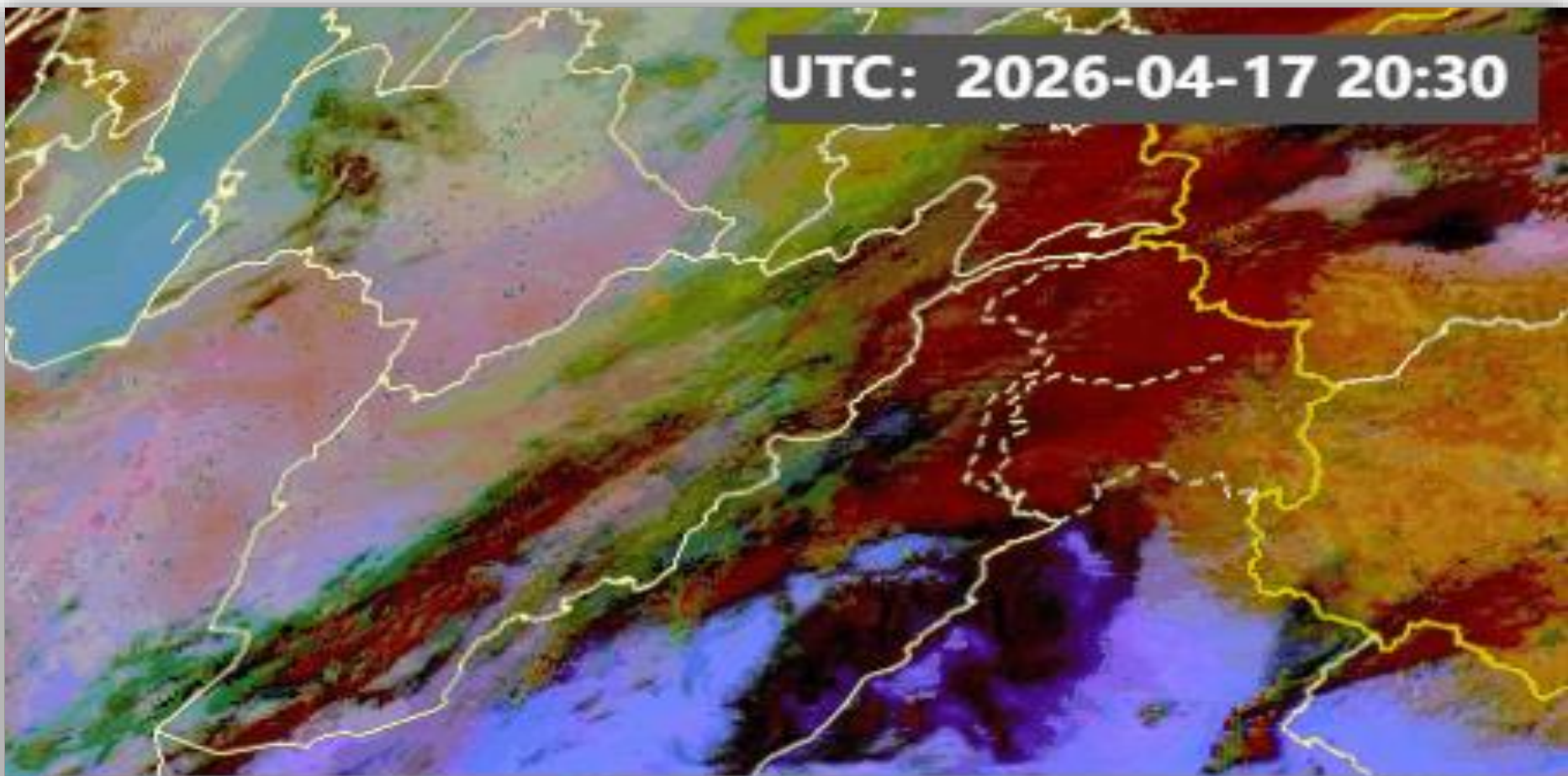


Cold Airmass Wa

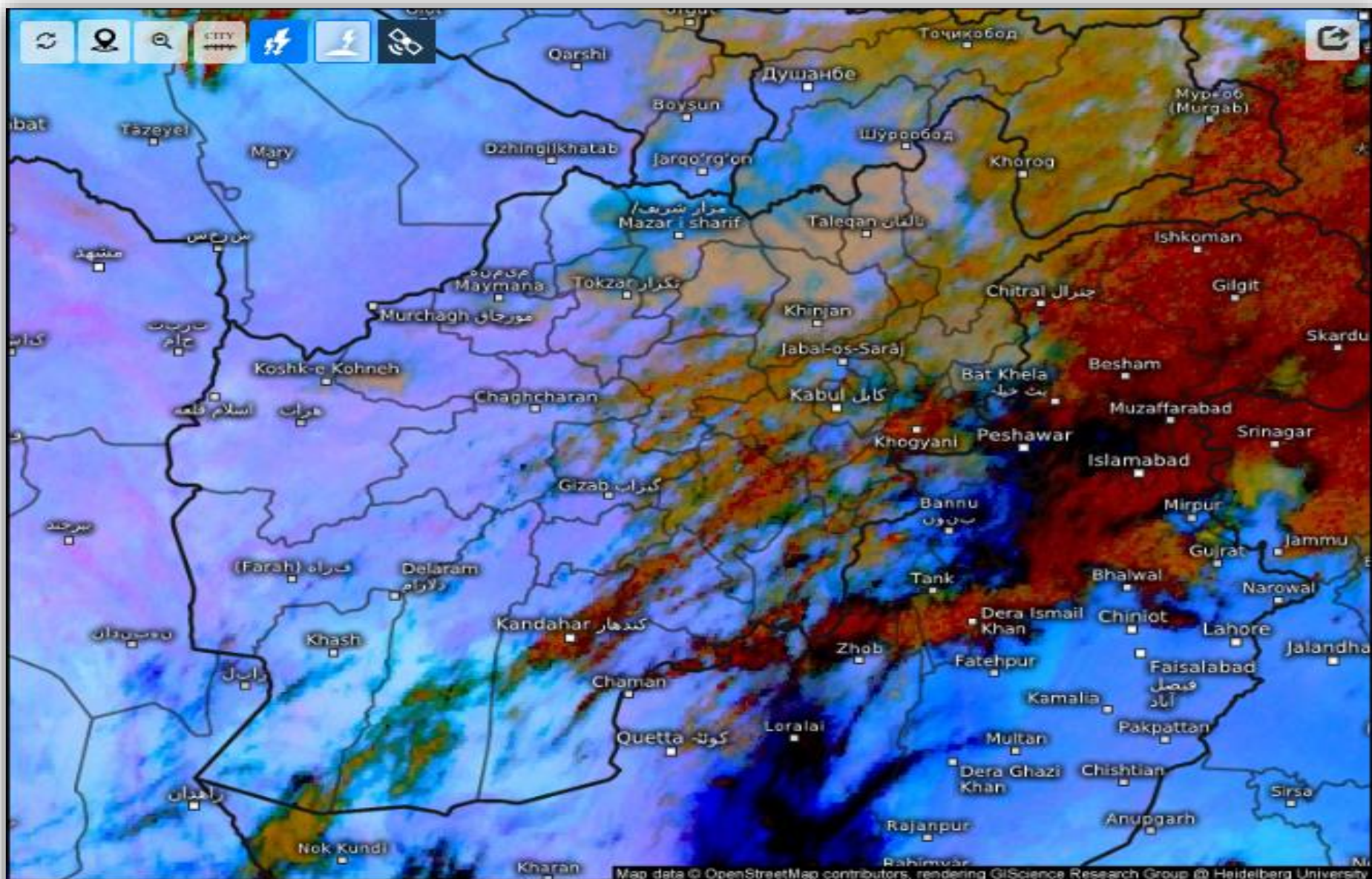
(h

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-04-17 20:30



FY-4B Dust RGB Composite (From WMO)

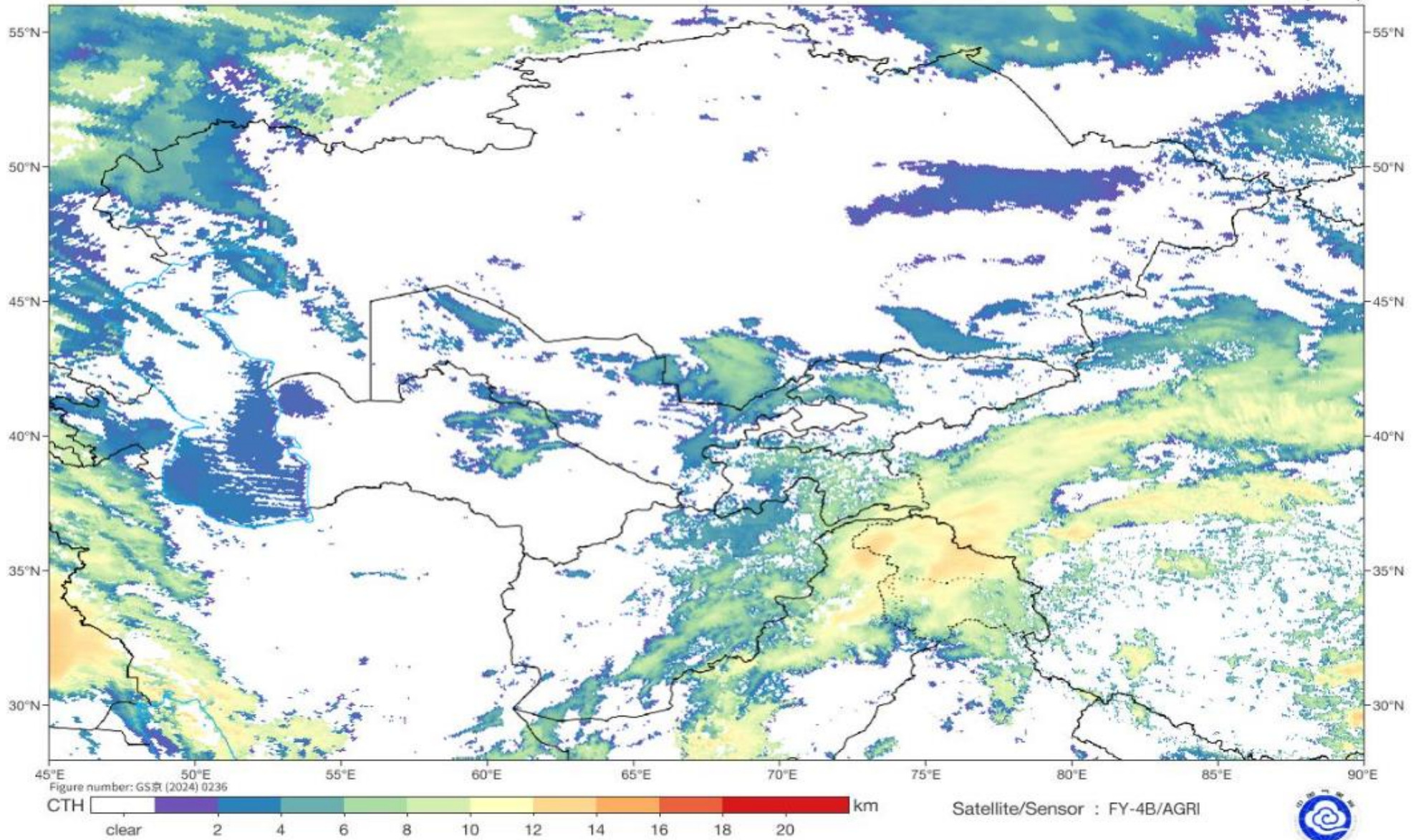


Satellite Dust 

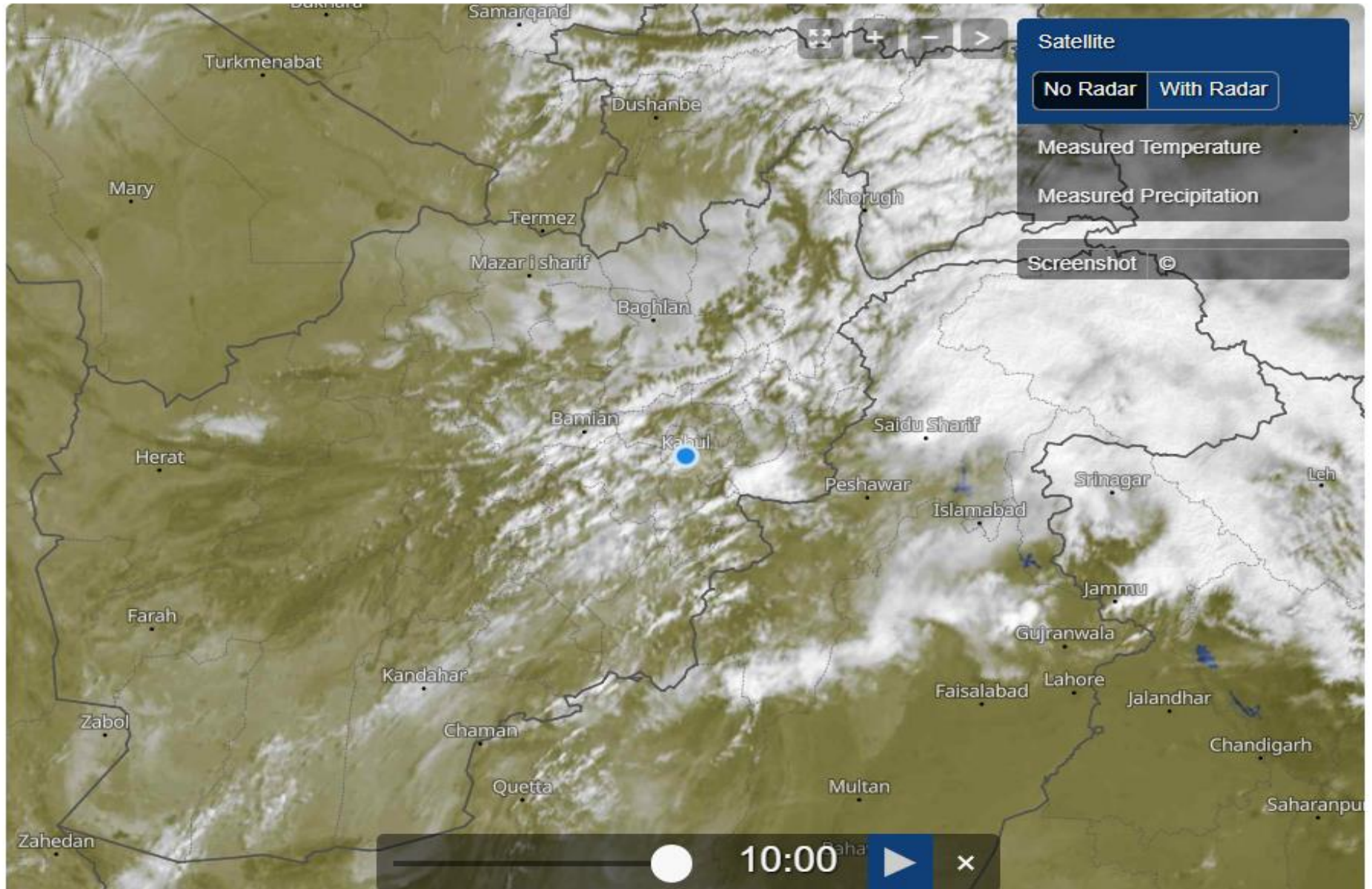
Sat 04/18/2026, 10:00am GMT+0430

Cloud Top Height

2026-04-18 05:15(UTC)



Live satellite map, Afghanistan



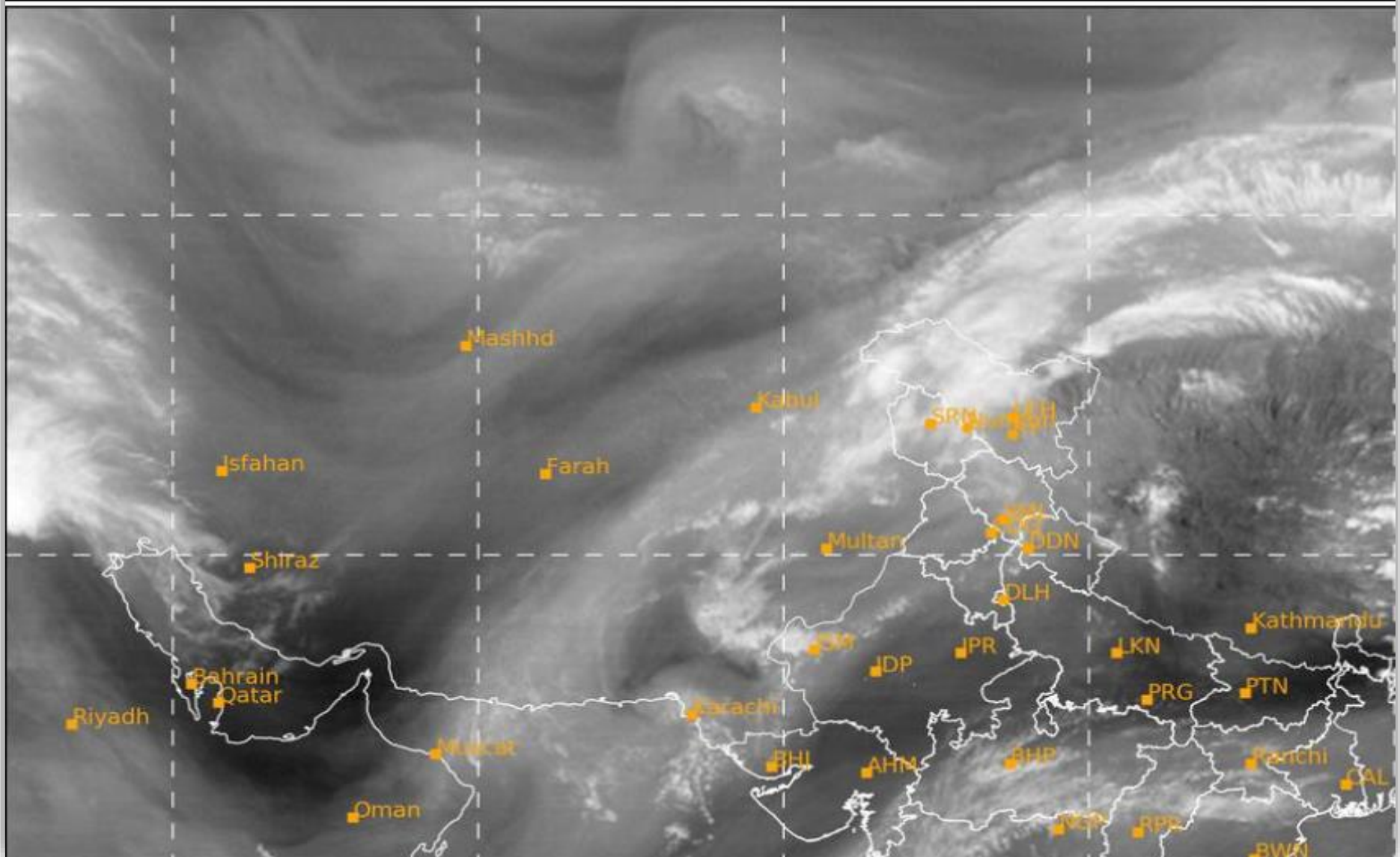
SAT : INSAT-3DR IMG

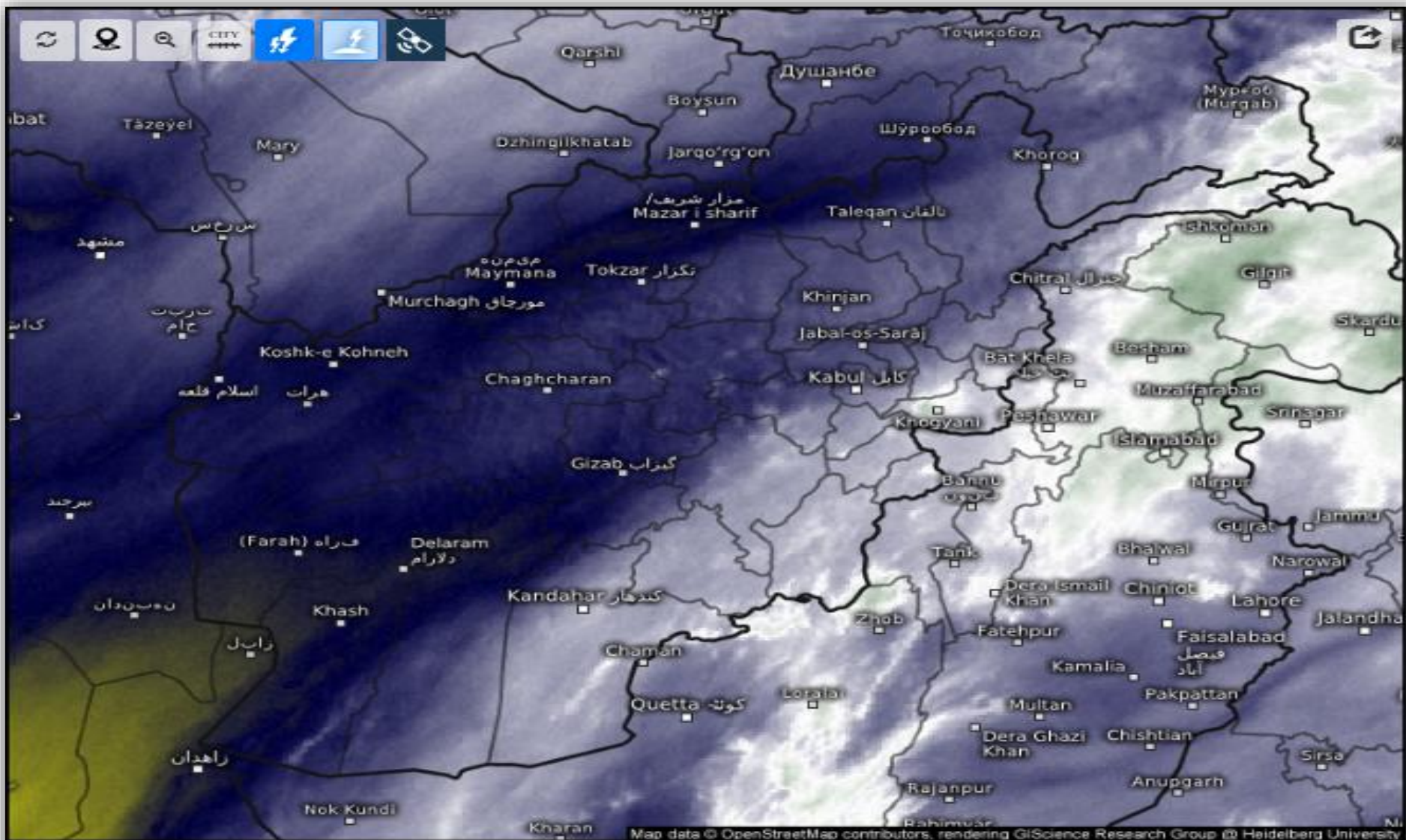
IMG_WV 6.8 um

L1C Mercator

18-04-2026/(0445 to 0512) GMT

18-04-2026/(1015 to 1042) IST





Satellite Water Vapor

Sat 04/18/2026, 10:00am GMT+0430

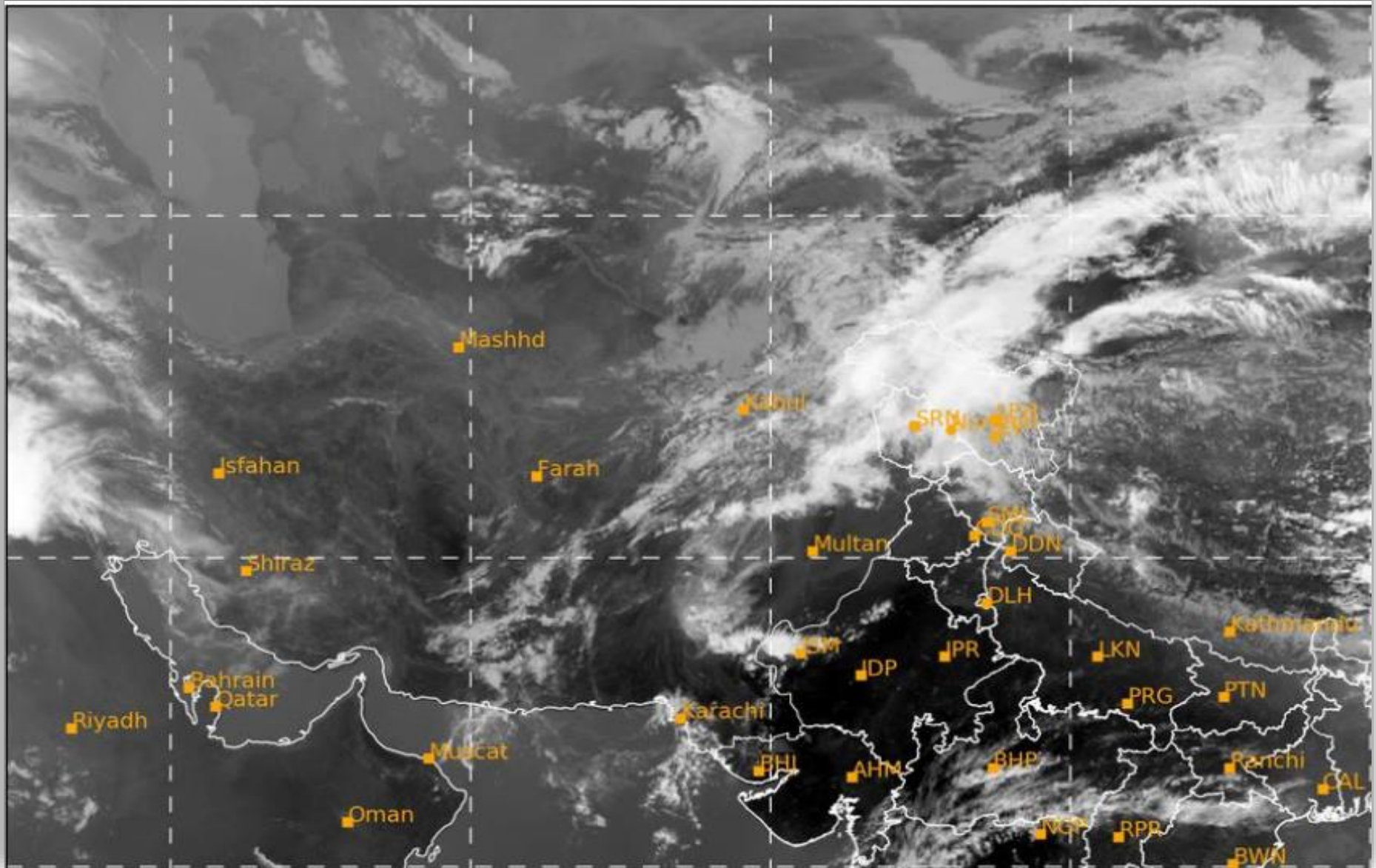


wet/cold

dry/warm

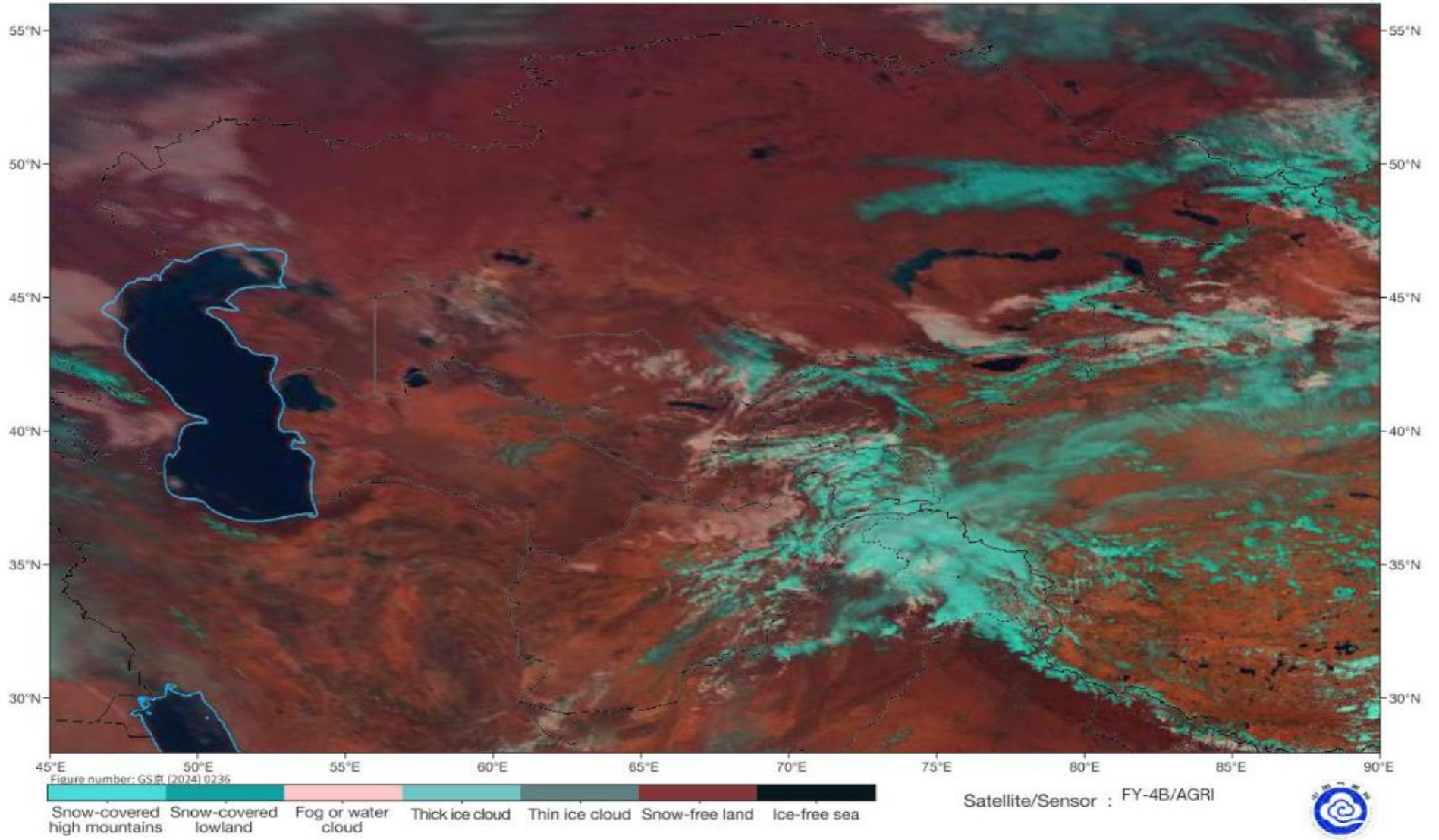
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

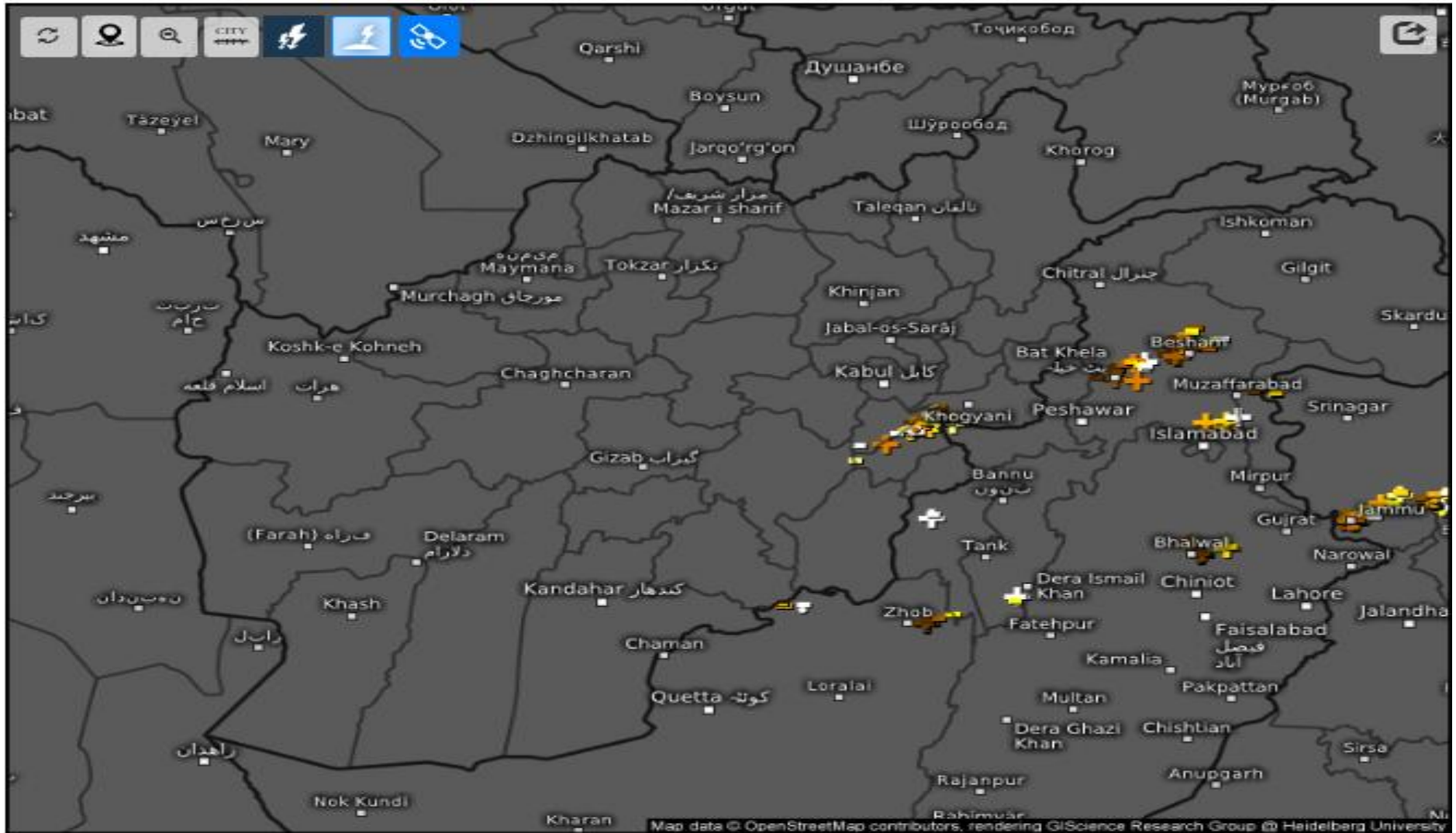
18-04-2026/(0445 to 0512) GMT
18-04-2026/(1015 to 1042) IST



Fog Identification

2026-04-18 05:30(UTC)





Age of lightning (minutes) i

Sat 04/18/2026, 10:15am GMT+0430

