



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



Daily reports of Satellite imagery analysis. Date & Time: 15-04-2026, 06:00 UTC

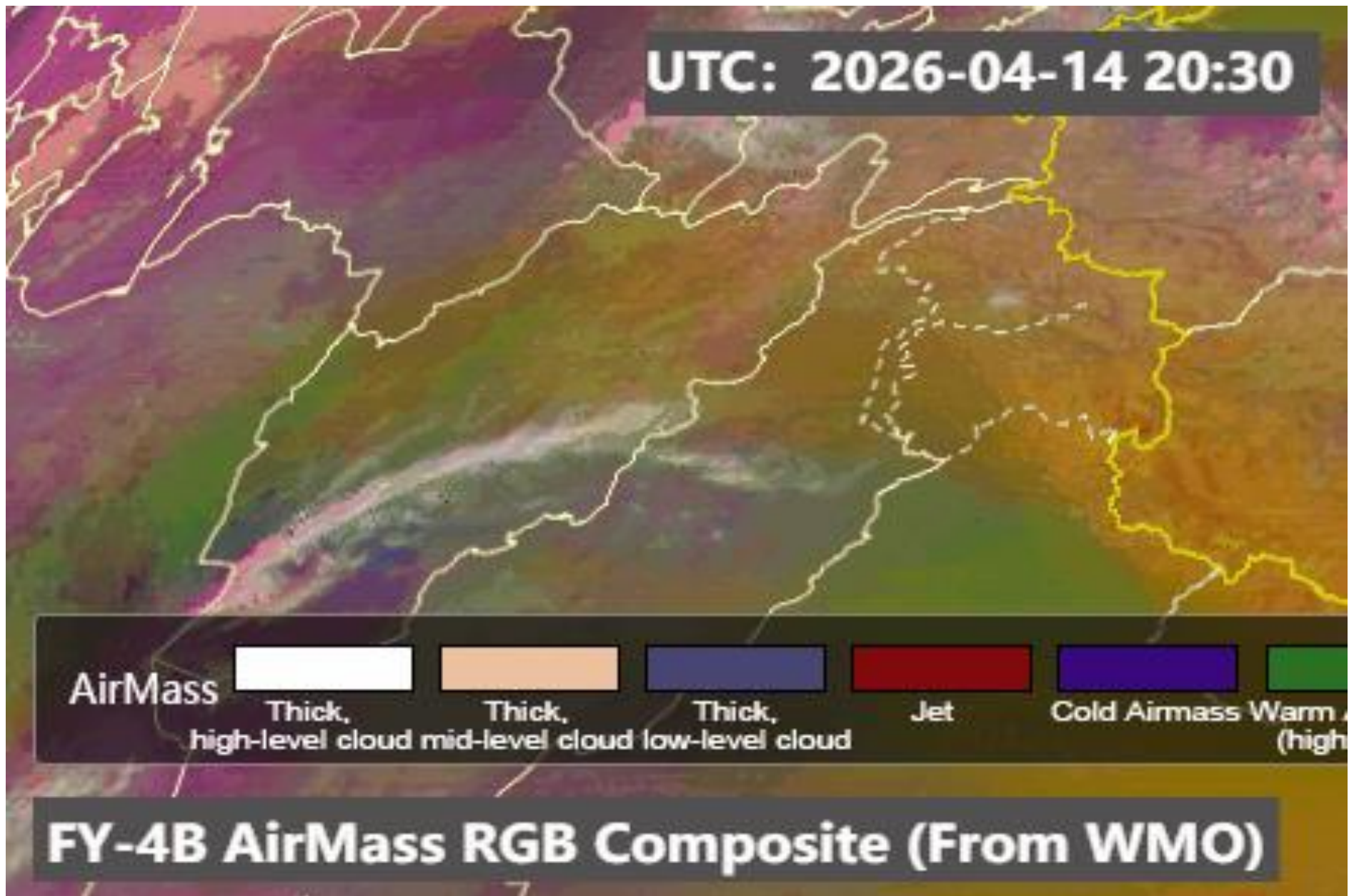
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	✓	X	✓ moderate	X	X	Dust Storm
2	South	✓	X	X	X	X	✓ moderate	X	X	
3	West	✓	✓	X	X	X	✓ moderate	X	X	
4	East	✓	X	X	X	X	✓ moderate	X	X	
5	central	✓	X	X	X	X	✓ moderate	X	X	
6	Northeast	✓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

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

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

Reported by: Esmatullah Mohammadi

UTC: 2026-04-14 20:30



AirMass



Thick,

high-level cloud



Thick,

mid-level cloud



Thick,

low-level cloud



Jet



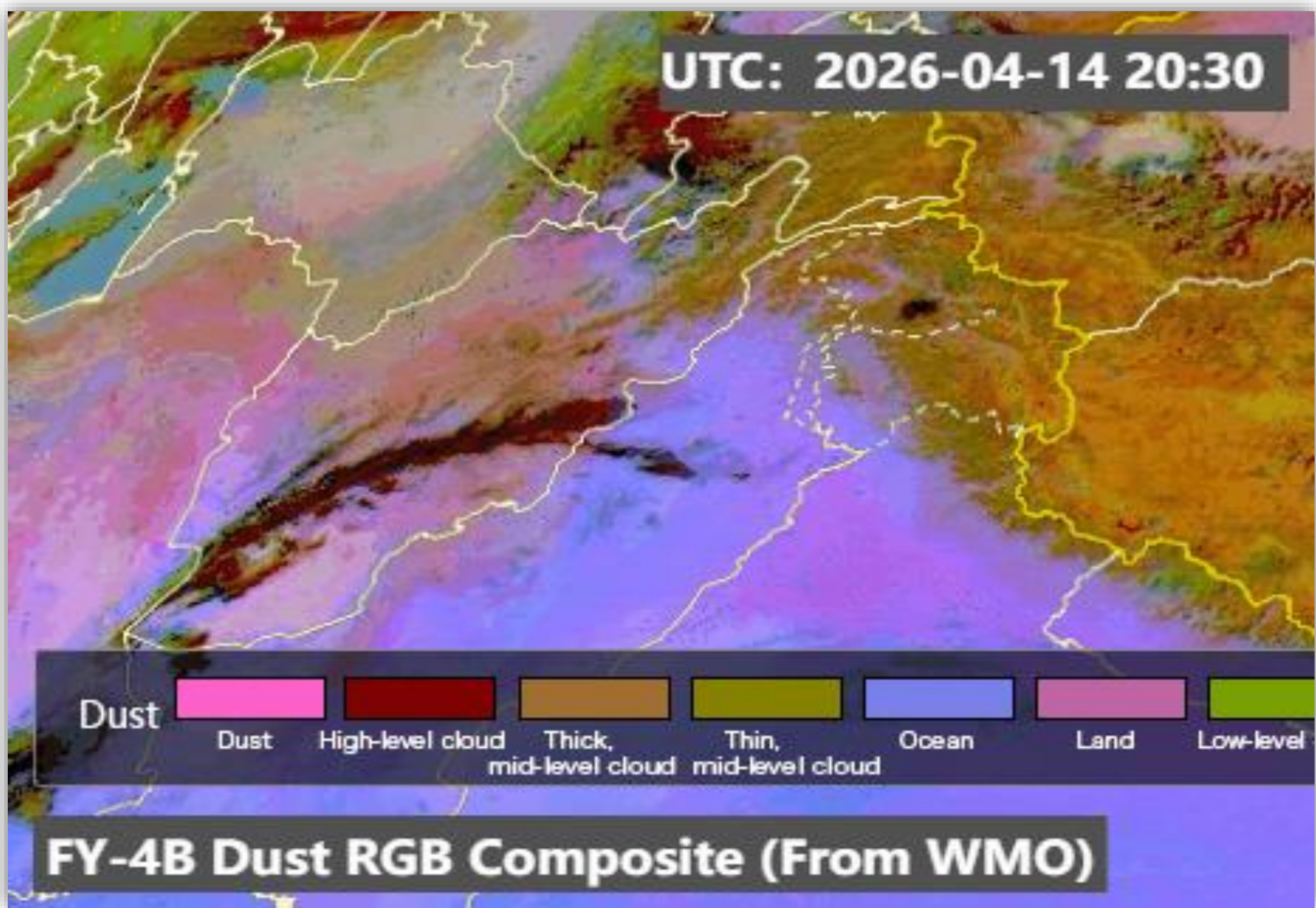
Cold Airmass



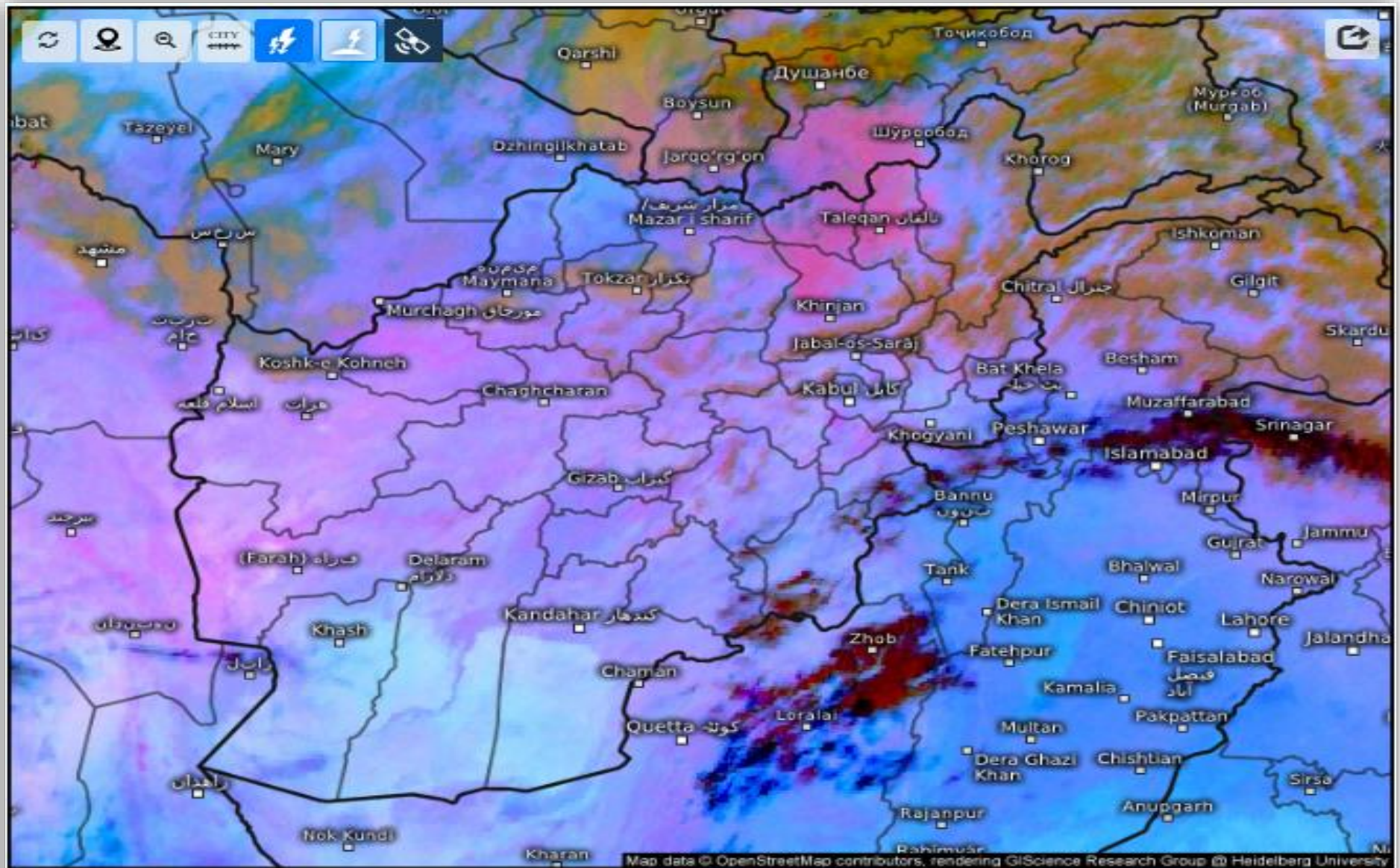
Warm Airmass
(high-level cloud)

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-04-14 20:30



FY-4B Dust RGB Composite (From WMO)

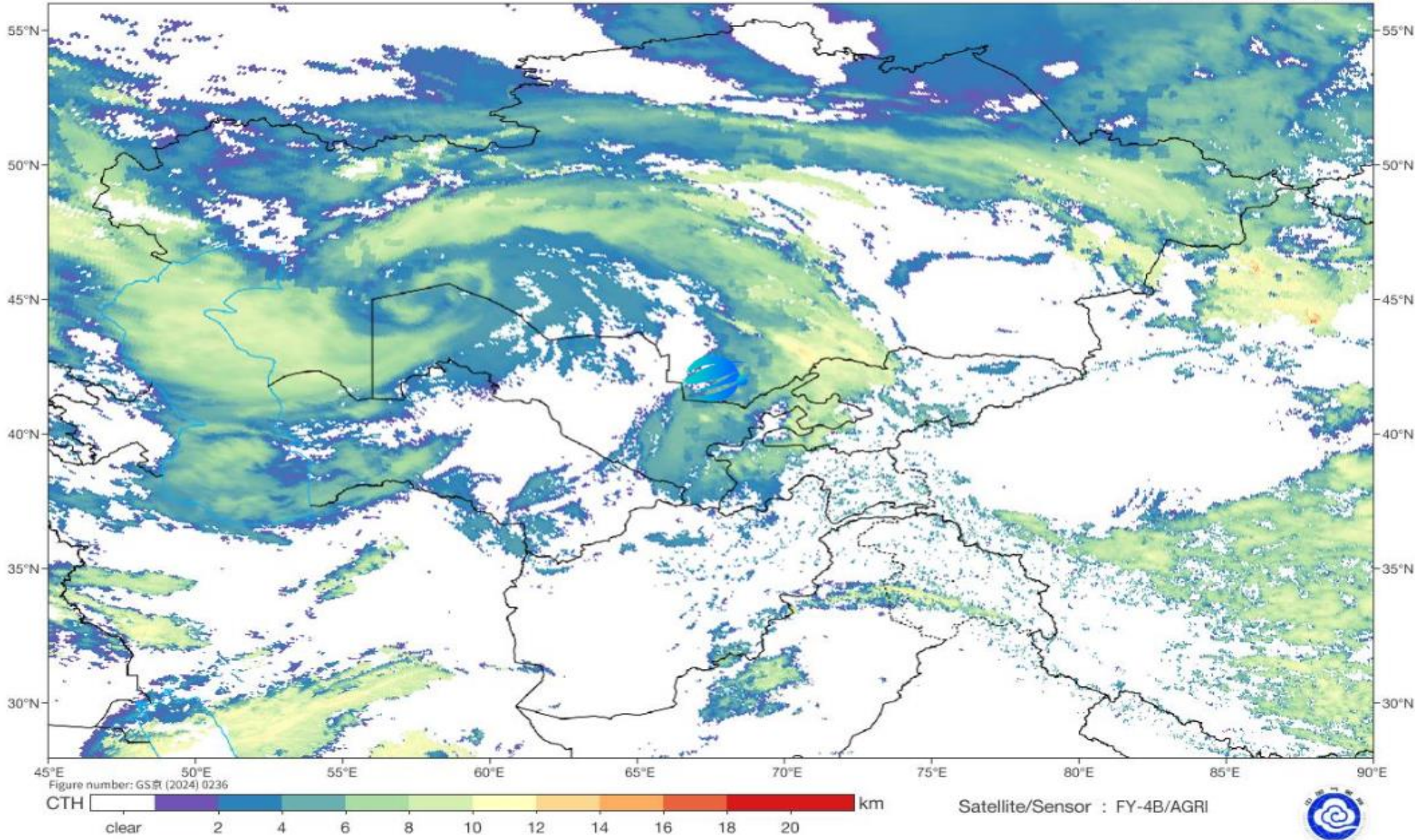


Satellite Dust

Wed 04/15/2026, 09:45am GMT+0430

Cloud Top Height

2026-04-15 05:30(UTC)

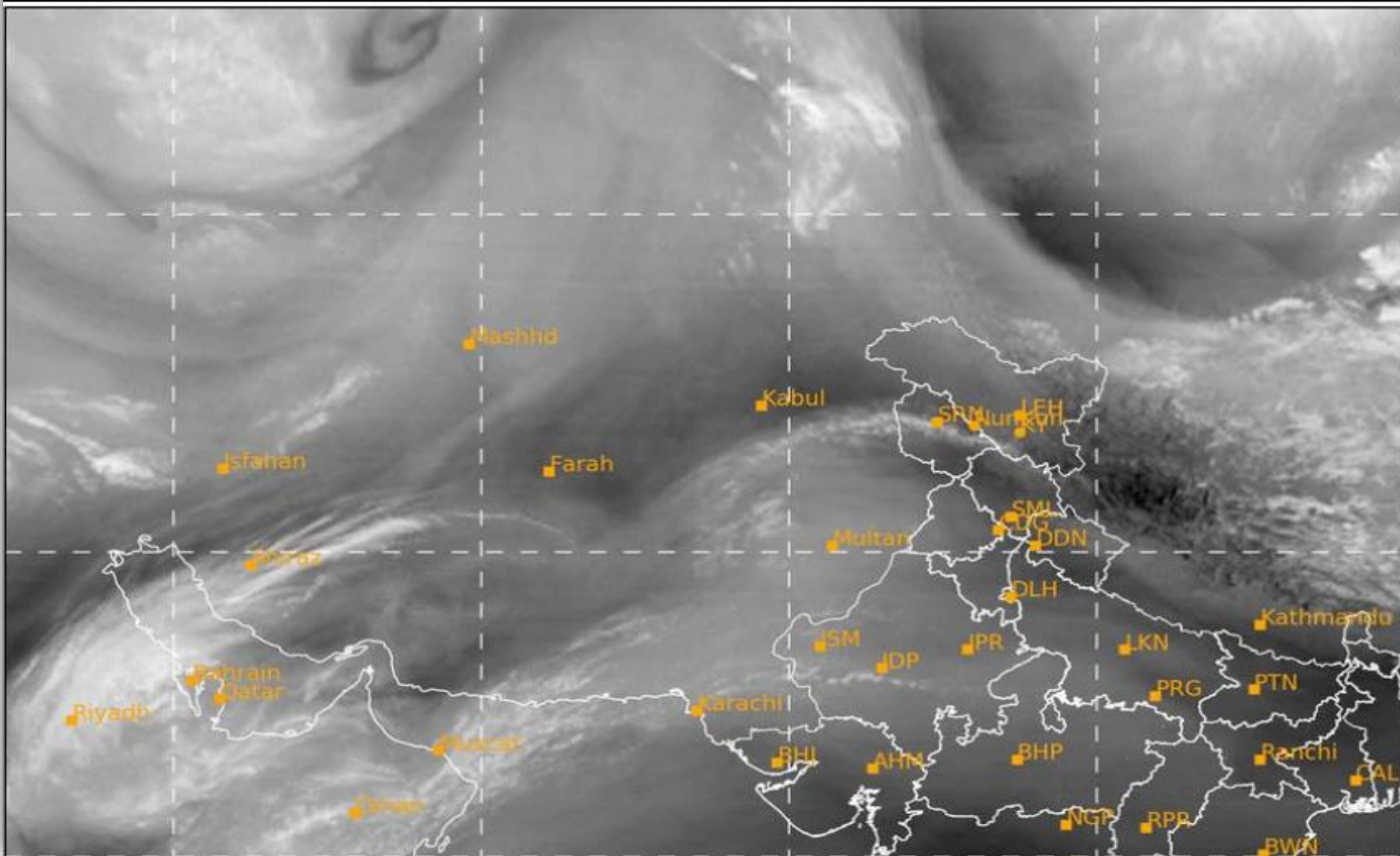


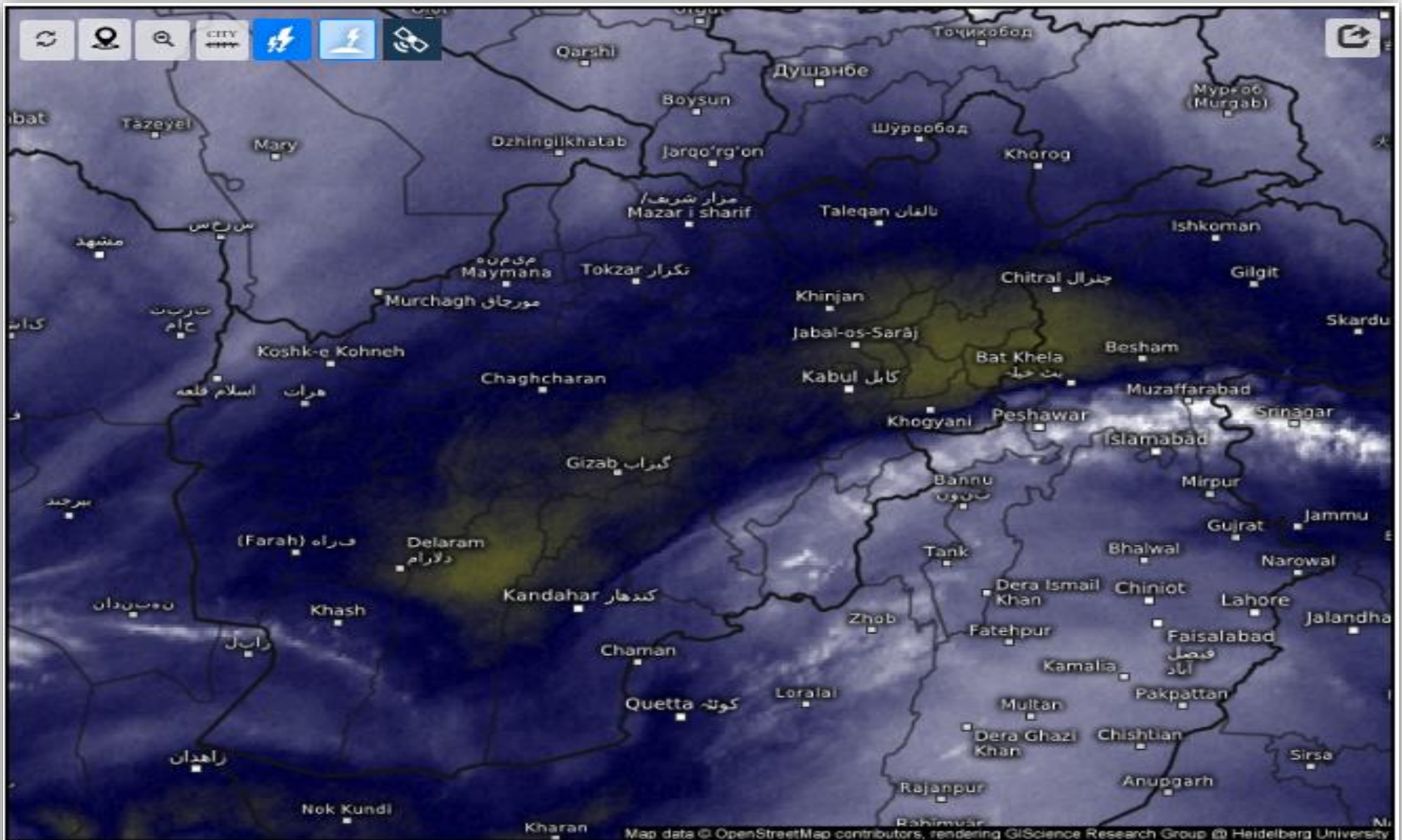
Live satellite map, Afghanistan



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

15-04-2026/(0445 to 0512) GMT
15-04-2026/(1015 to 1042) IST





Satellite Water Vapor

Wed 04/15/2026, 09:45am GMT+0430

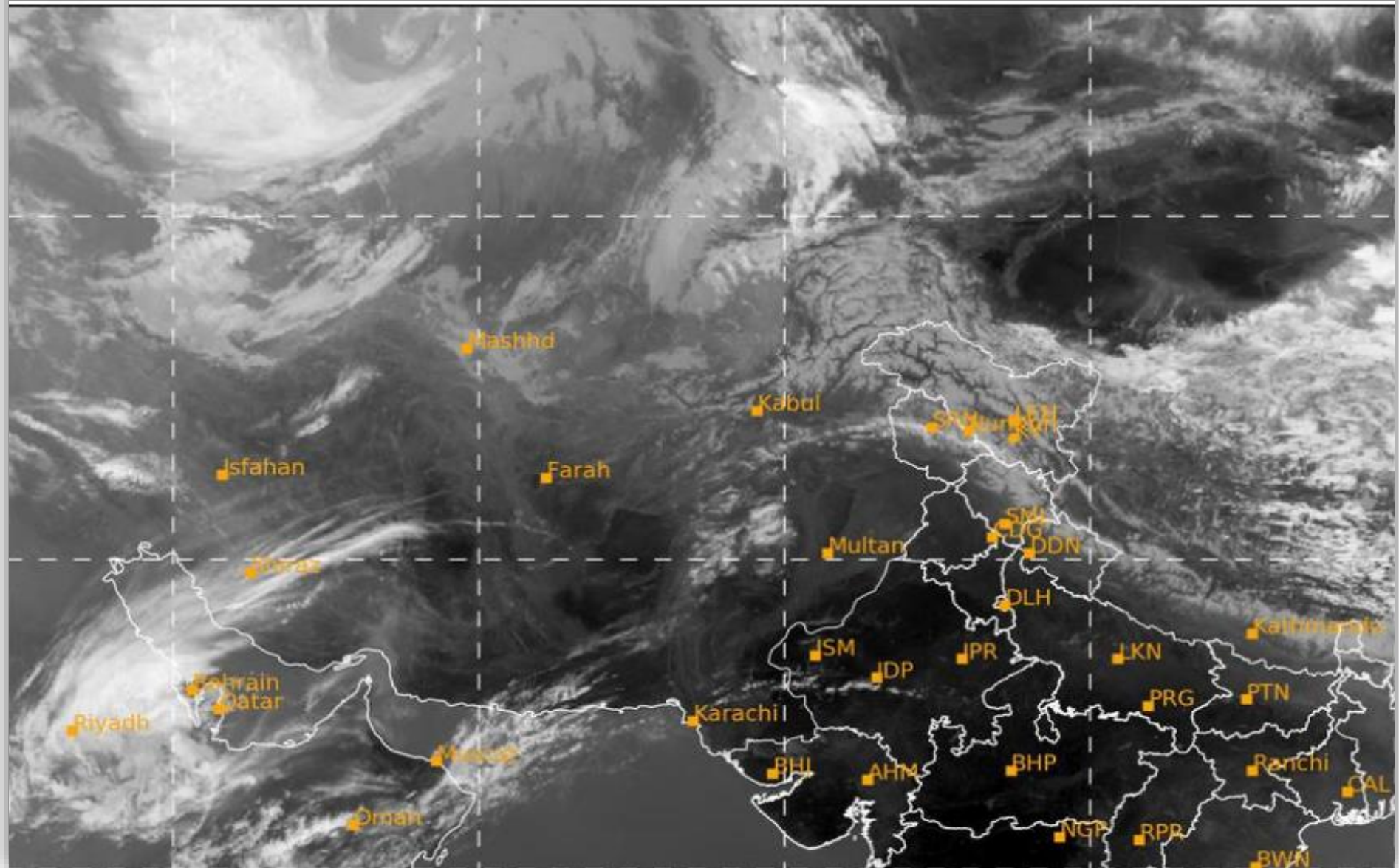


wet/cold

dry/warm

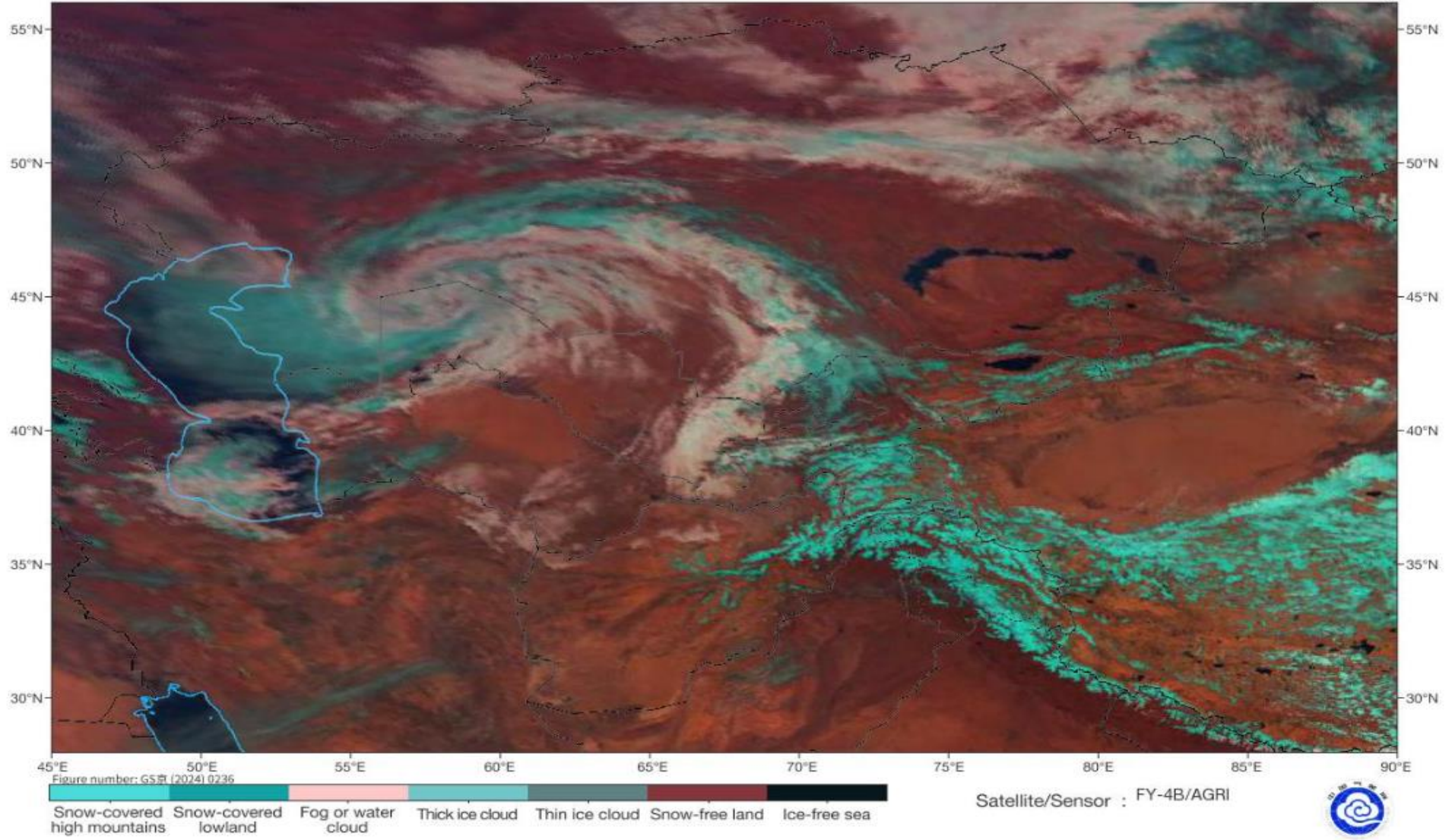
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

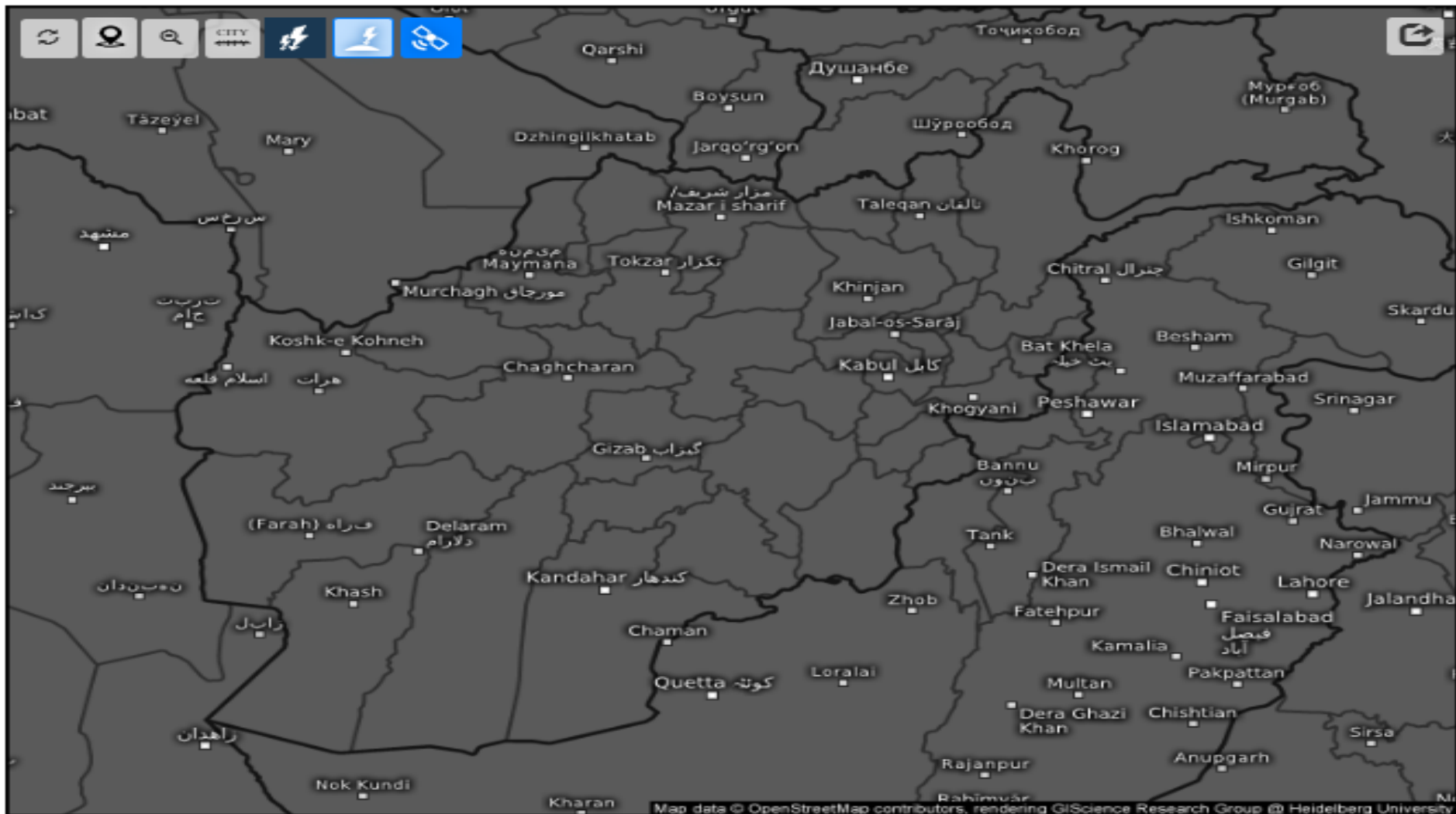
15-04-2026/(0445 to 0512) GMT
15-04-2026/(1015 to 1042) IST



Fog Identification

2026-04-15 05:30(UTC)





Age of lightning (minutes) 

Wed 04/15/2026, 10:20am GMT+0430

