



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



Daily reports of Satellite imagery analysis. Date & Time: 16-04-2026, 06:00 UTC

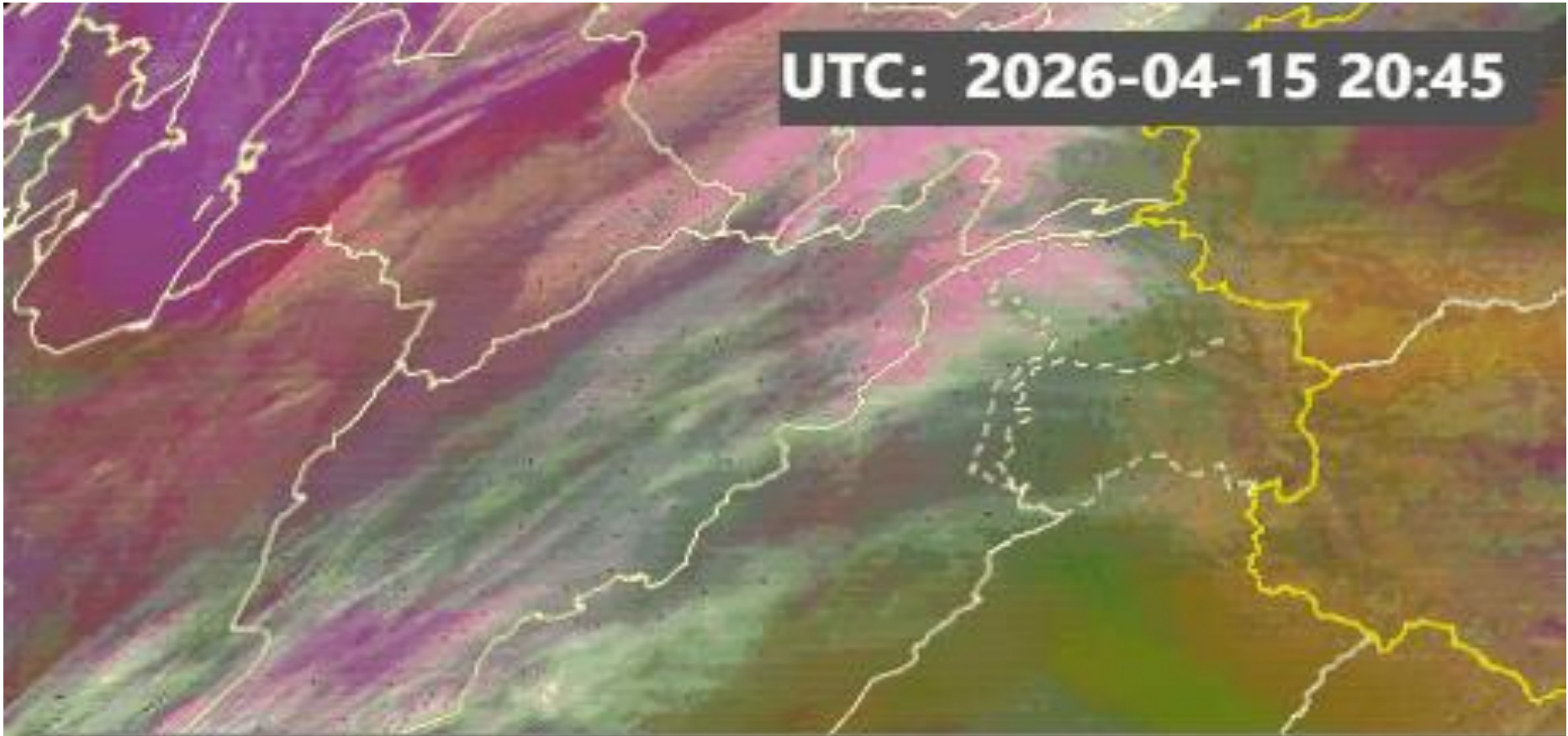
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ moderate	X	X	
2	South	✓	X	X	✓	X	✓ moderate	X	X	
3	West	✓	✓	X	✓	X	✓ moderate	X	X	
4	East	✓	X	✓	✓	X	✓ moderate	X	X	
5	central	✓	X	X	✓	X	✓ moderate	X	X	
6	Northeast	✓	X	✓	✓	X	✓ Wet/cold	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	✓ moderate	X	X	

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



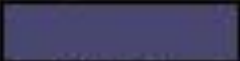
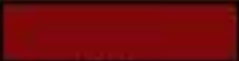


Not: X (Not existing phenomena) v (existing phenomena)

Reported by: Esmatullah Mohammadi

UTC: 2026-04-15 20:45



AirMass

					
Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UT)

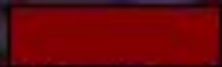
FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-04-15 21:00

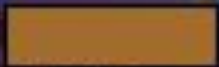
Dust



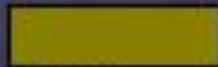
Dust



High-level cloud



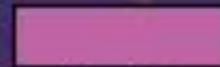
Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean

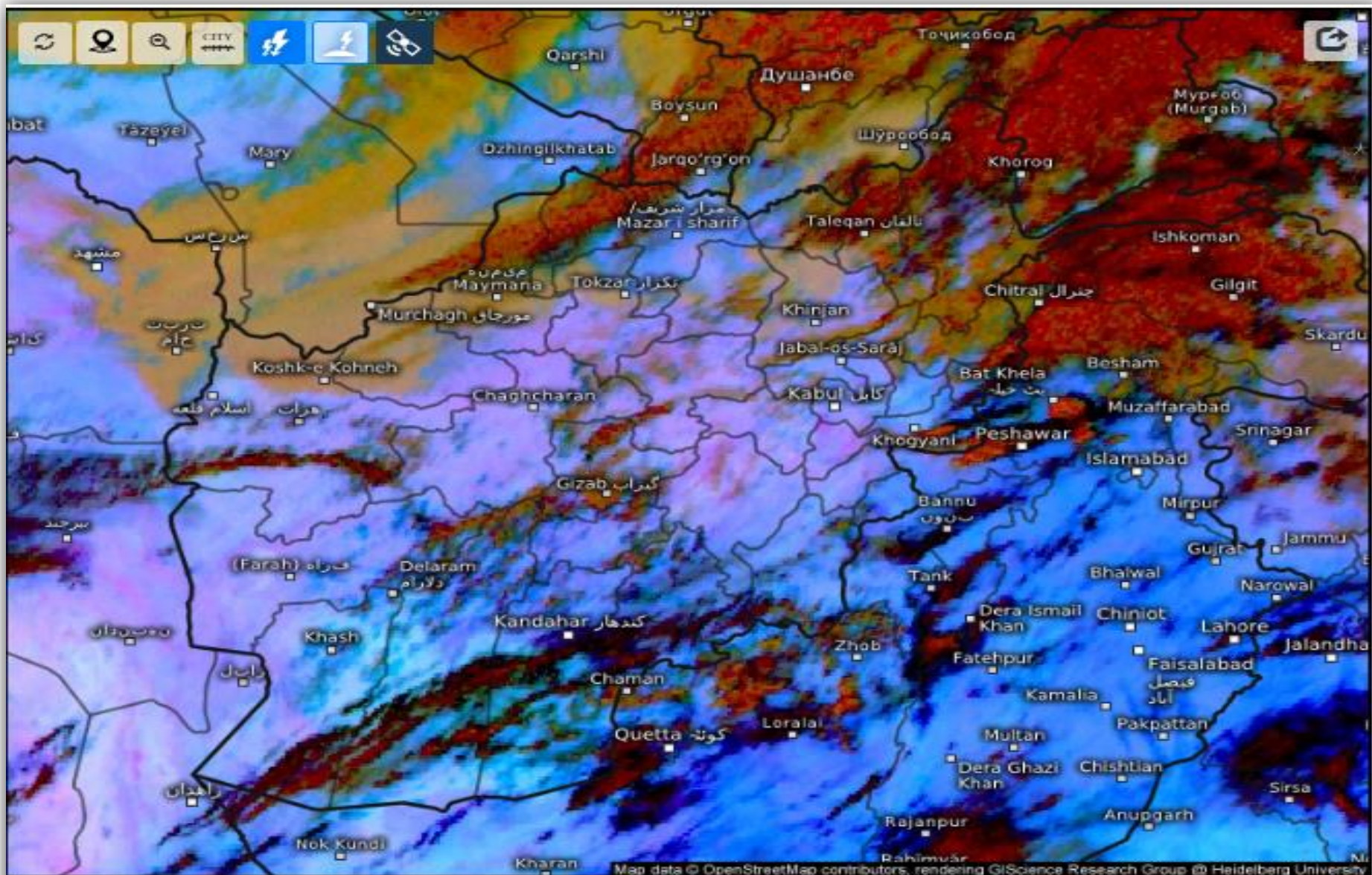


Land



Low-level

FY-4B Dust RGB Composite (From WMO)



Cloud Top Height

2026-04-16 05:45(UTC)

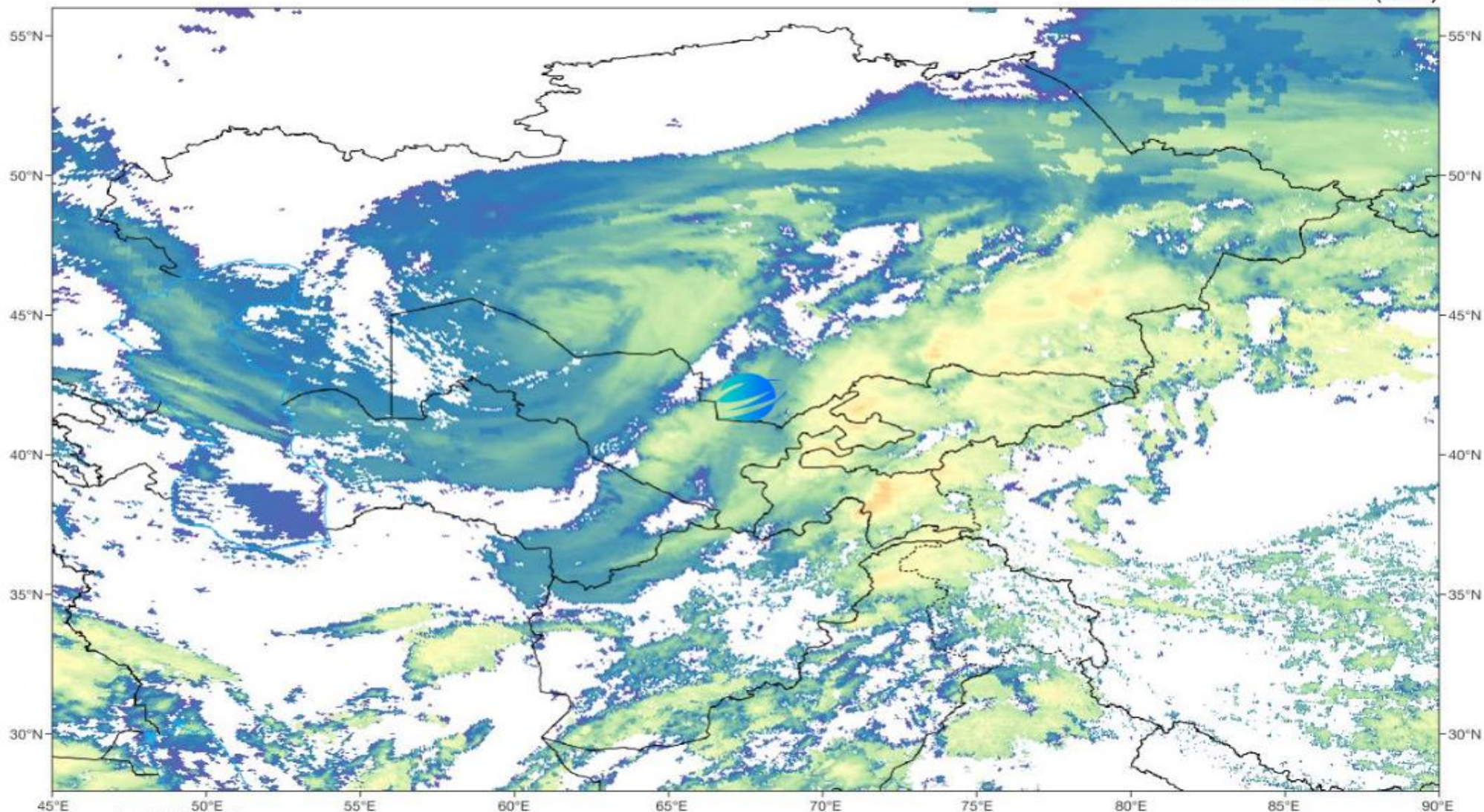


Figure number: GS京 (2024) 0236

CTH km

Satellite/Sensor : FY-4B/AGRI

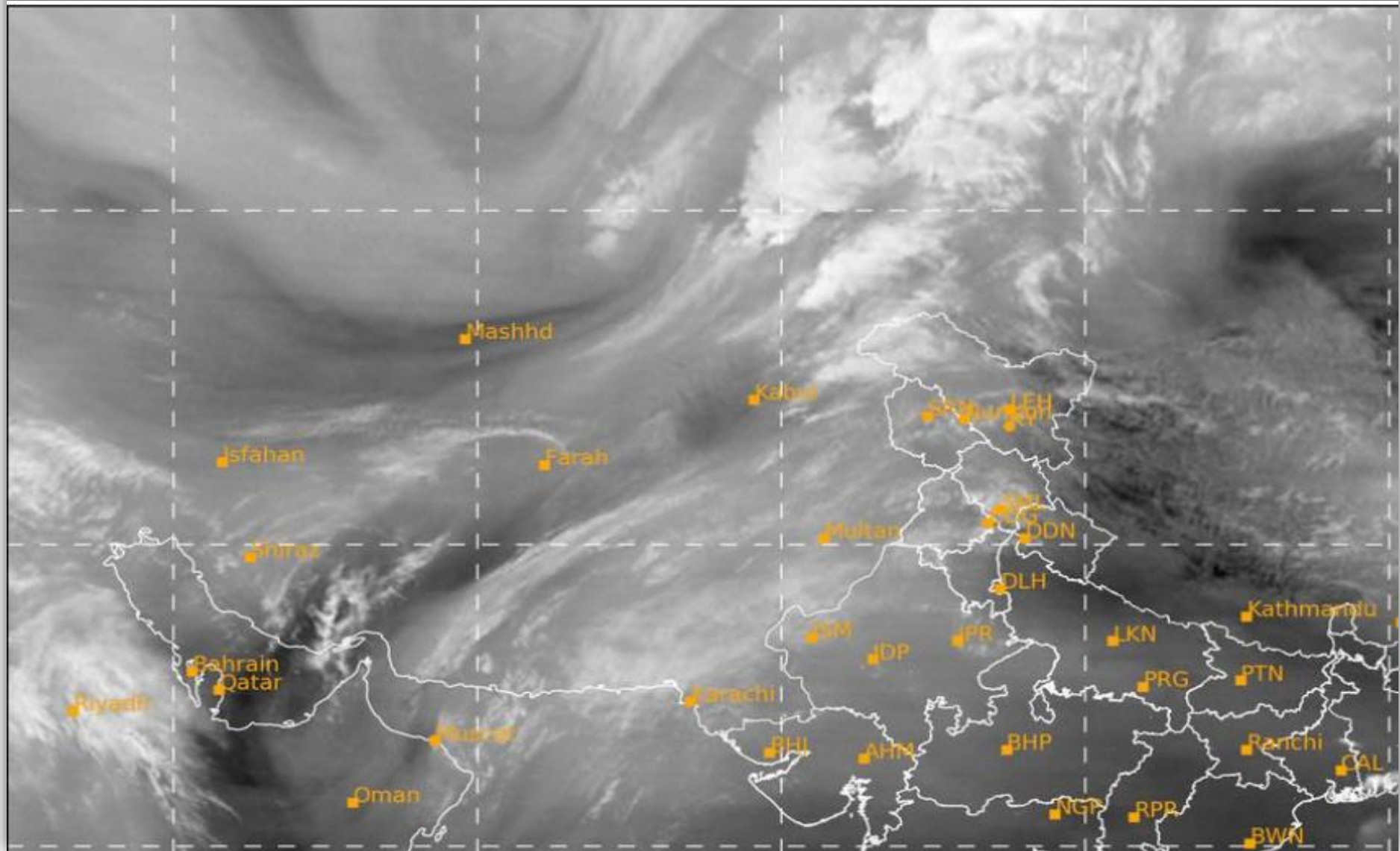


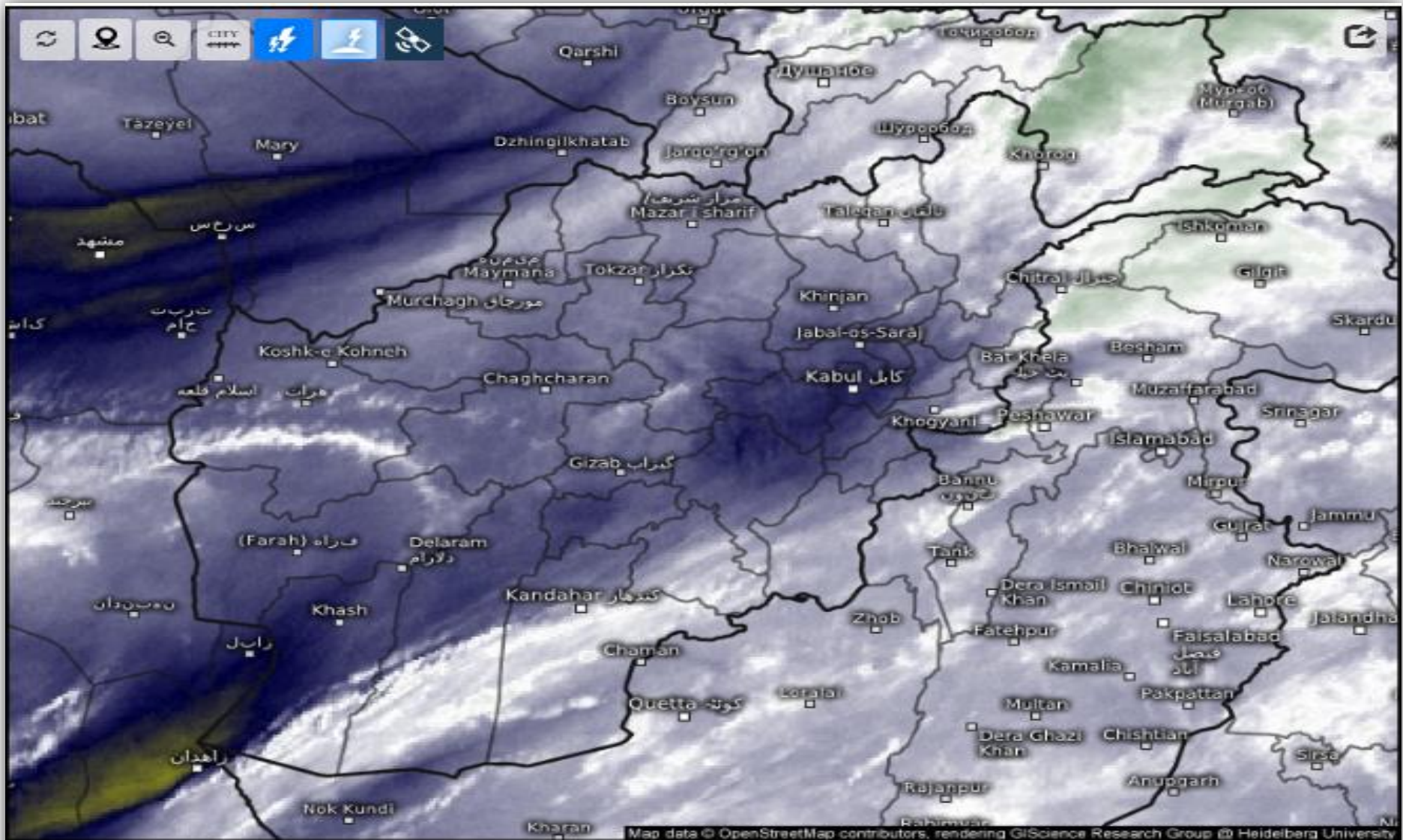
Live satellite map, Afghanistan



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

16-04-2026/(0445 to 0512) GMT
16-04-2026/(1015 to 1042) IST





Satellite Water Vapor

Thu 04/16/2026, 10:00am GMT+0430

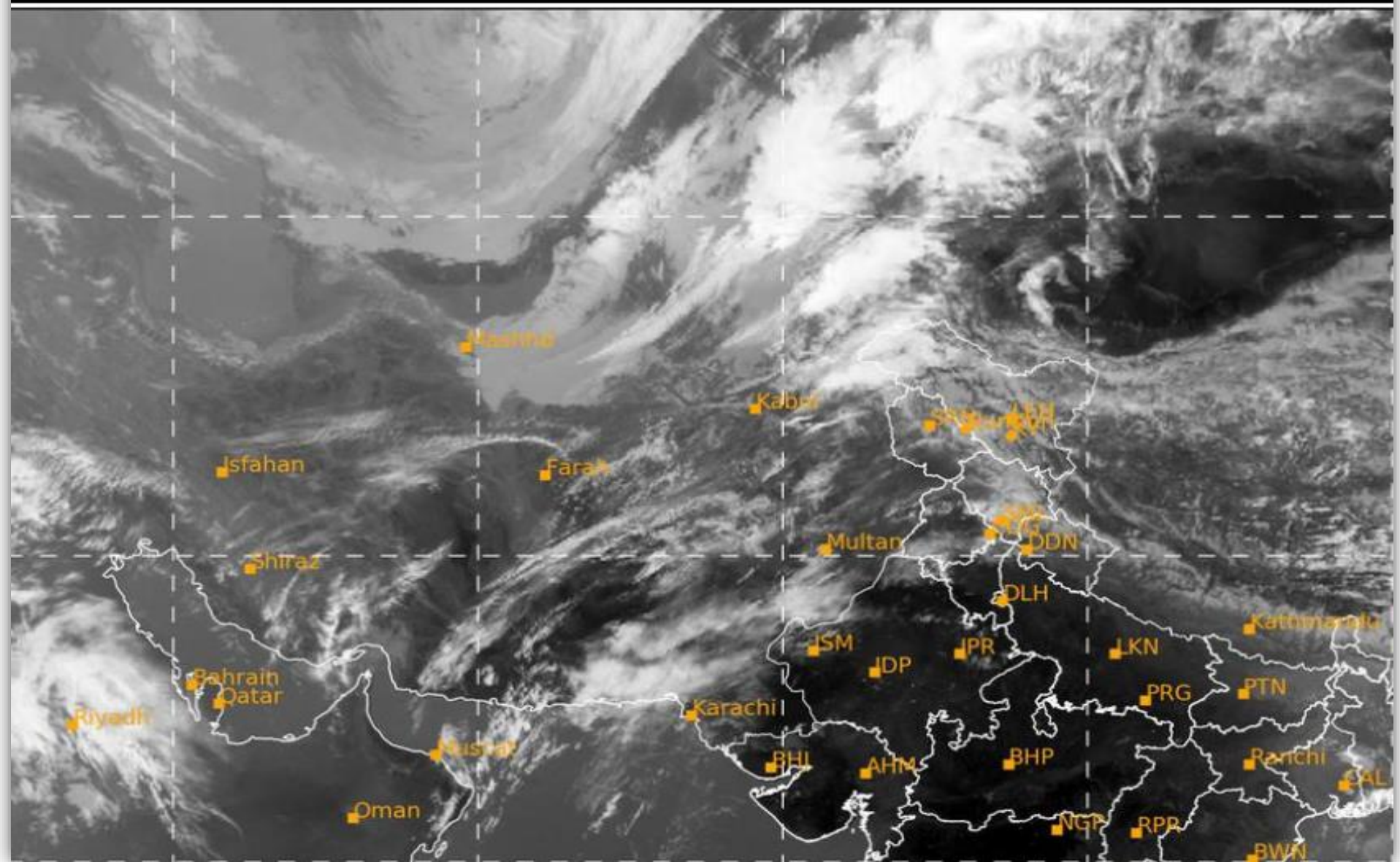


wet/cold

dry/warm

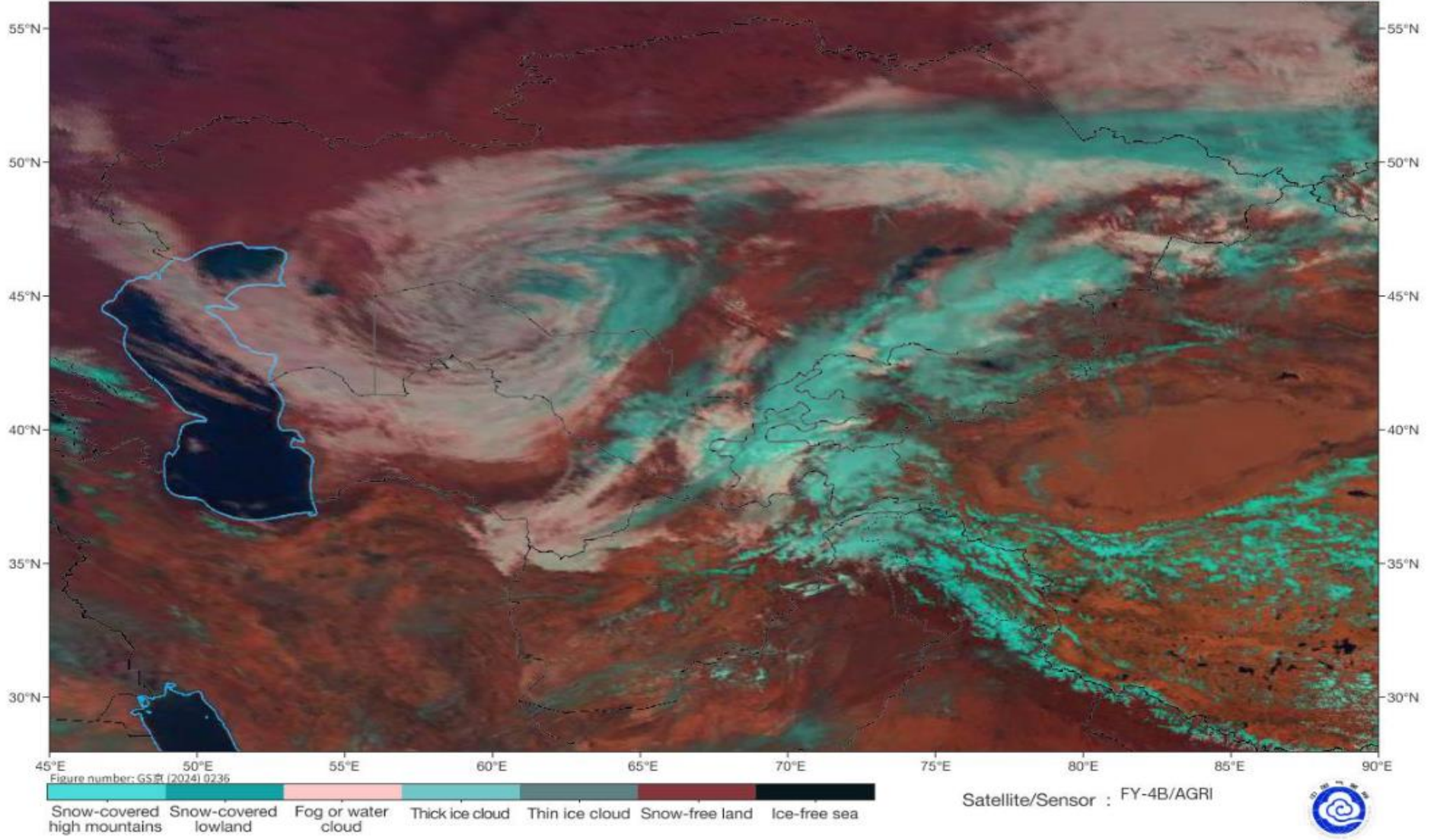
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

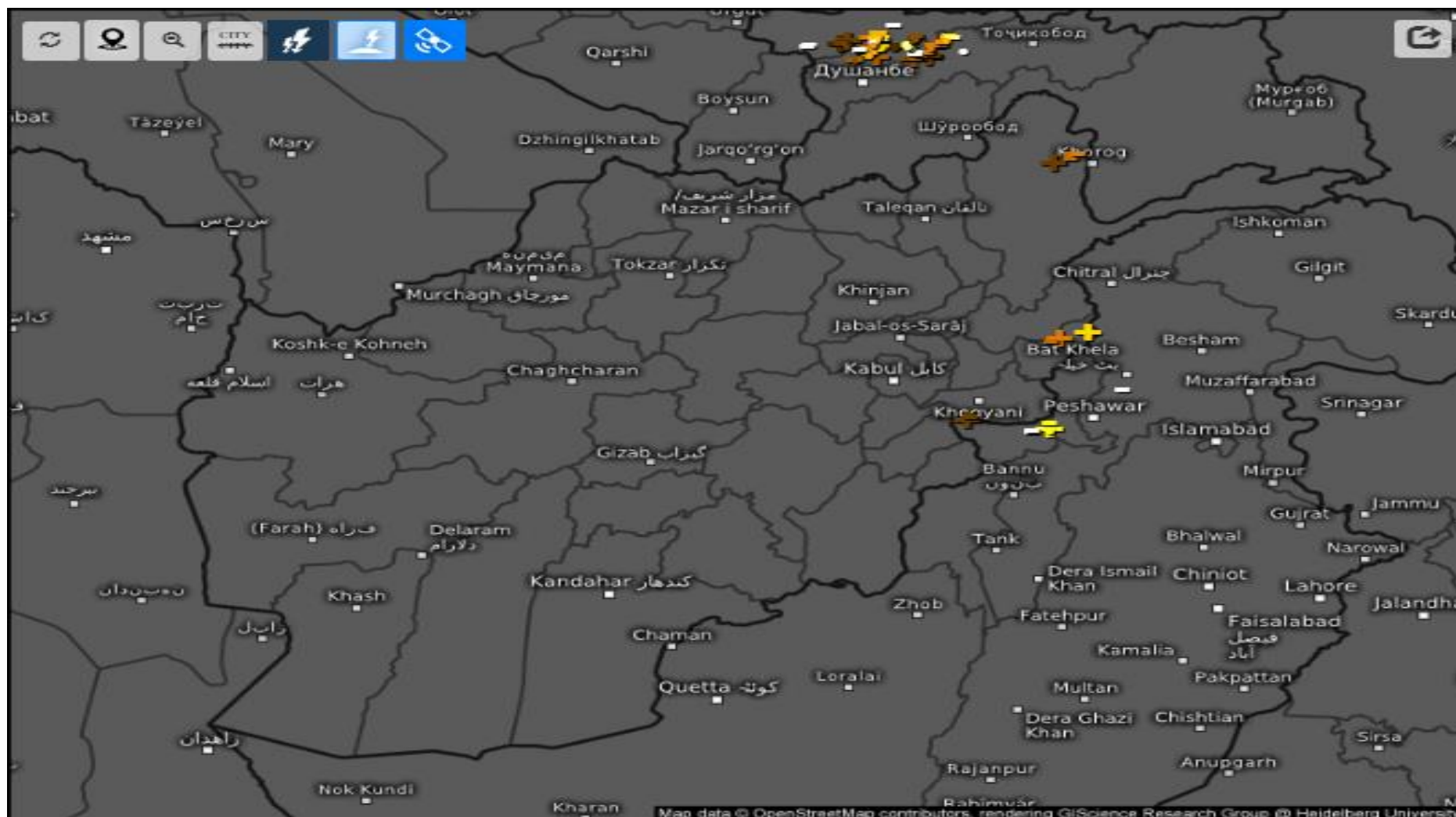
16-04-2026/(0445 to 0512) GMT
16-04-2026/(1015 to 1042) IST



Fog Identification

2026-04-16 05:30(UTC)





Age of lightning (minutes) 

Thu 04/16/2026, 10:00am GMT+0430

