



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, 03:00 UTC

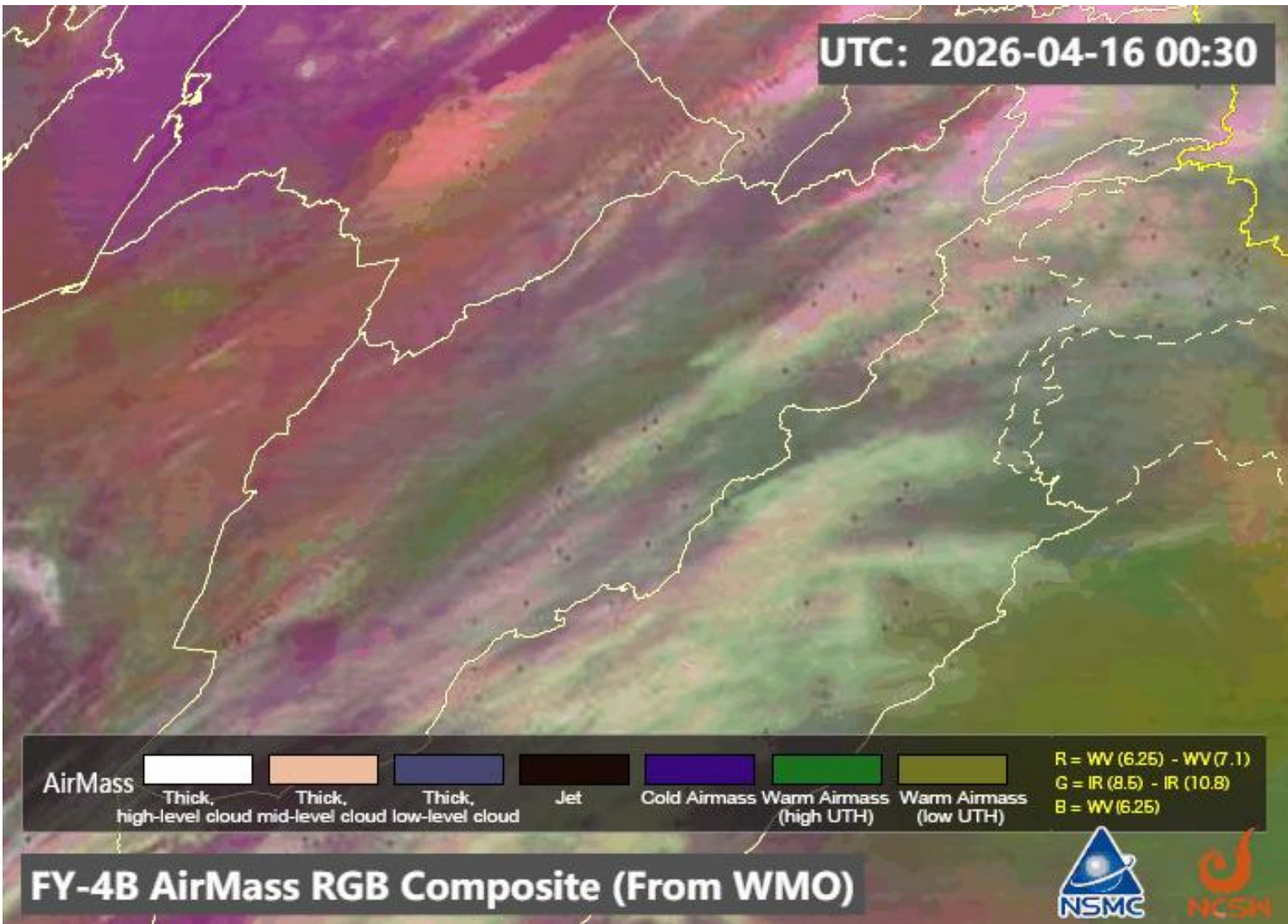
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	✓	✓ Moderate	X	X	
2	South	✓	X	X	✓	X	✓ Moderate	X	X	
3	West	✓	✓	X	X	X	✓ Moderate	X	X	
4	East	✓	X	✓	✓	X	✓ Moderate	X	X	
5	central	✓	X	X	X	X	✓ Moderate	X	X	
6	Northeast	✓	X	✓	✓	X	✓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

Details: According to satellite imagery analysis, the northern, southern, northeastern, southeastern, northwestern, and southwestern areas have cold air mass. The western, eastern, and central areas have warm air mass. Some parts of western areas have dust storm. Some parts of eastern and northeastern areas have thunder storm. The northern, southern, eastern, northeastern, northwestern, and southwestern areas have cloudy sky. Some parts of northern and northwestern areas have fog. The all regions have moderate water vapor.

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

- Reported by: Sayed Taher Atlas

UTC: 2026-04-16 00:30



AirMass

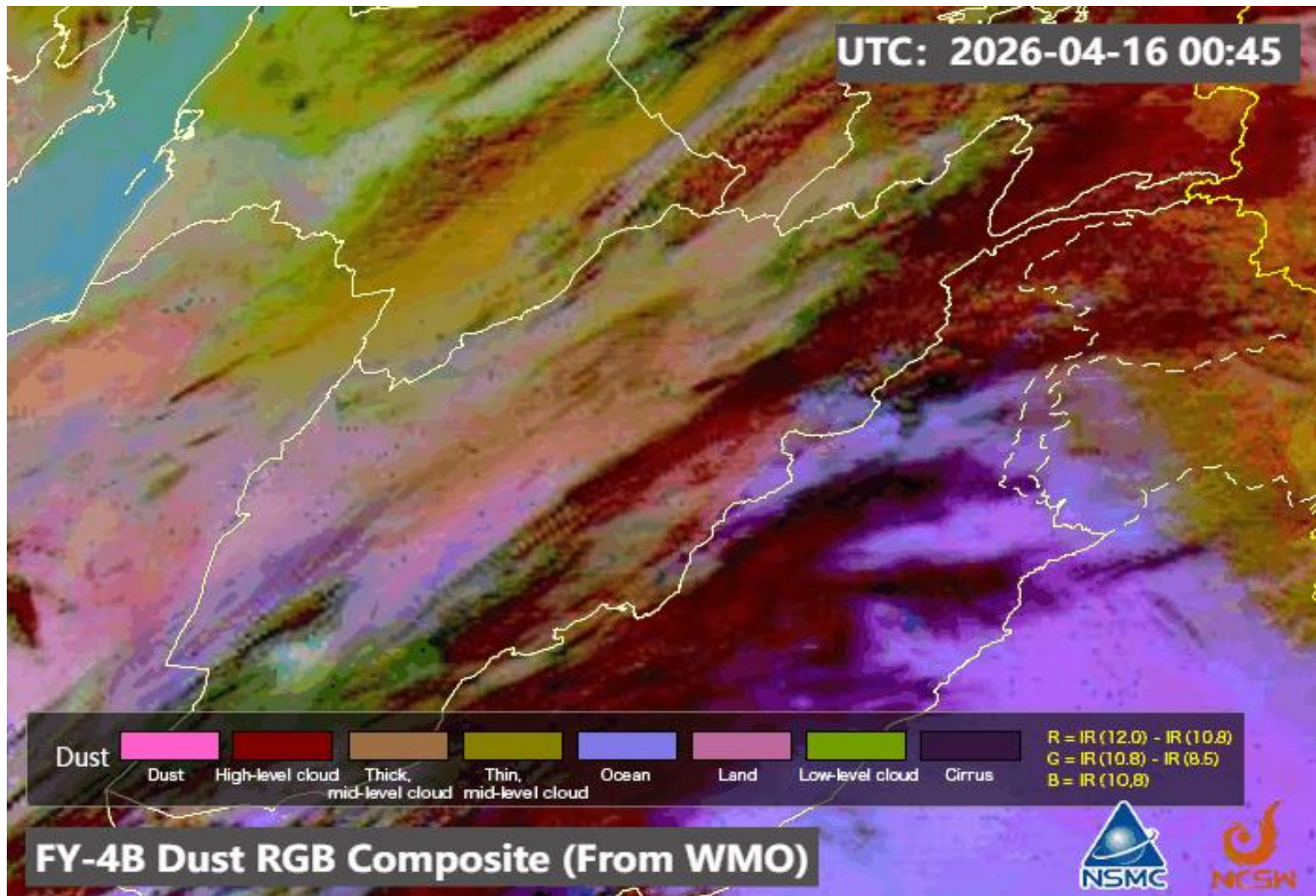
						
Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)

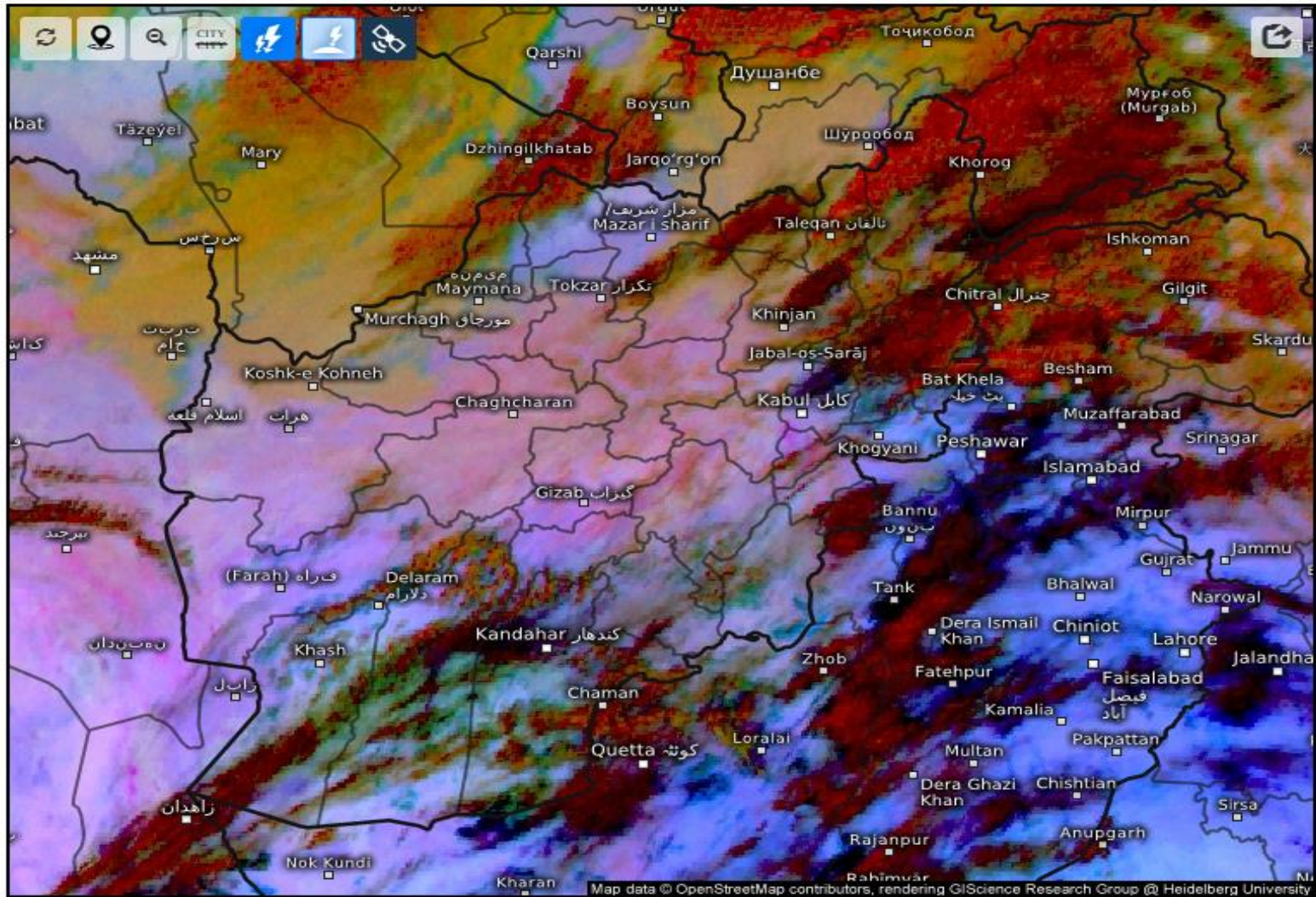
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



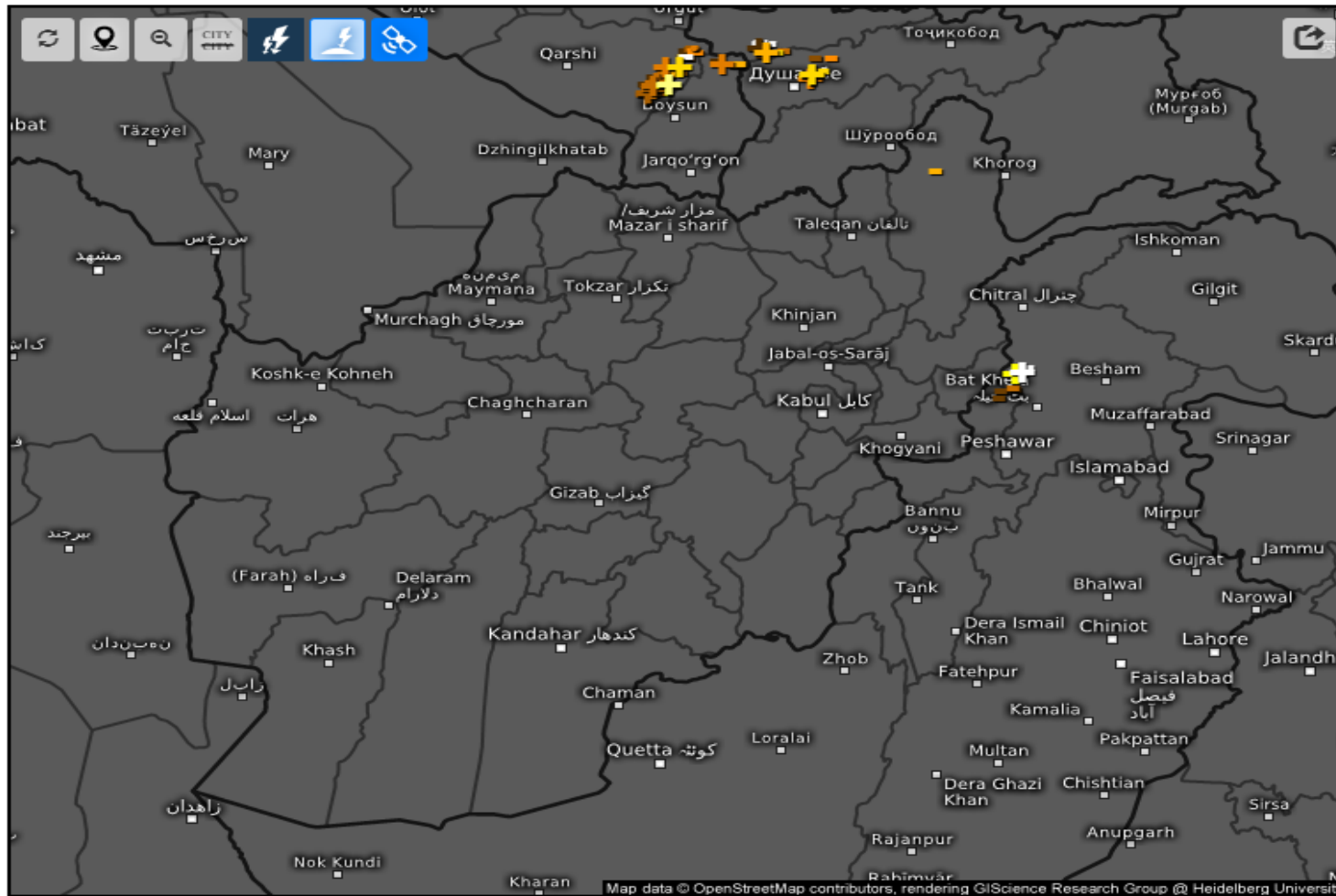
UTC: 2026-04-16 00:45





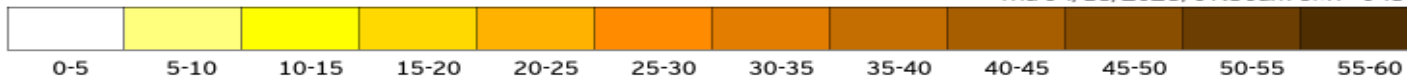
Satellite Dust 

Thu 04/16/2026, 07:30am GMT+0430



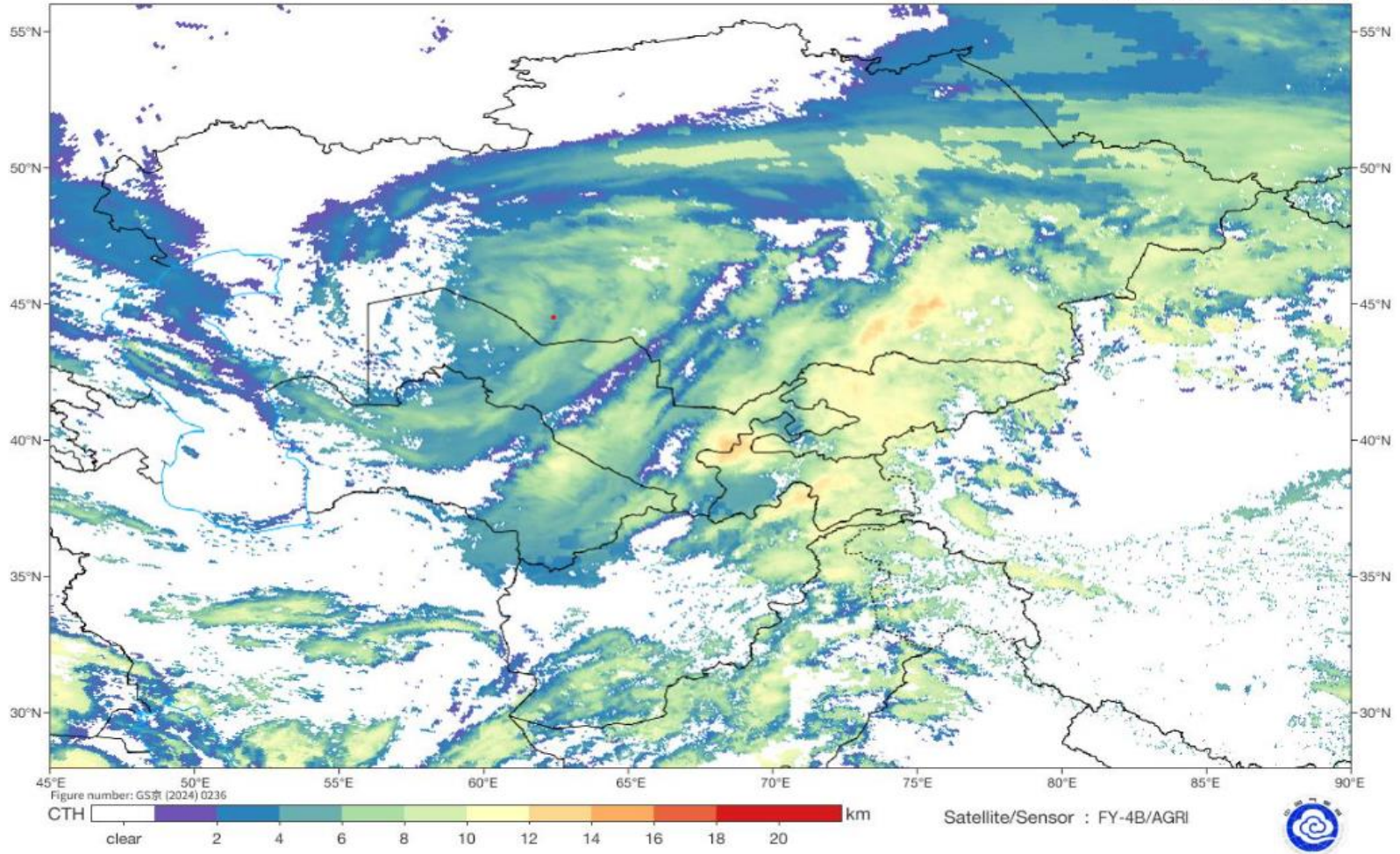
Age of lightning (minutes) 

Thu 04/16/2026, 07:30am GMT+0430

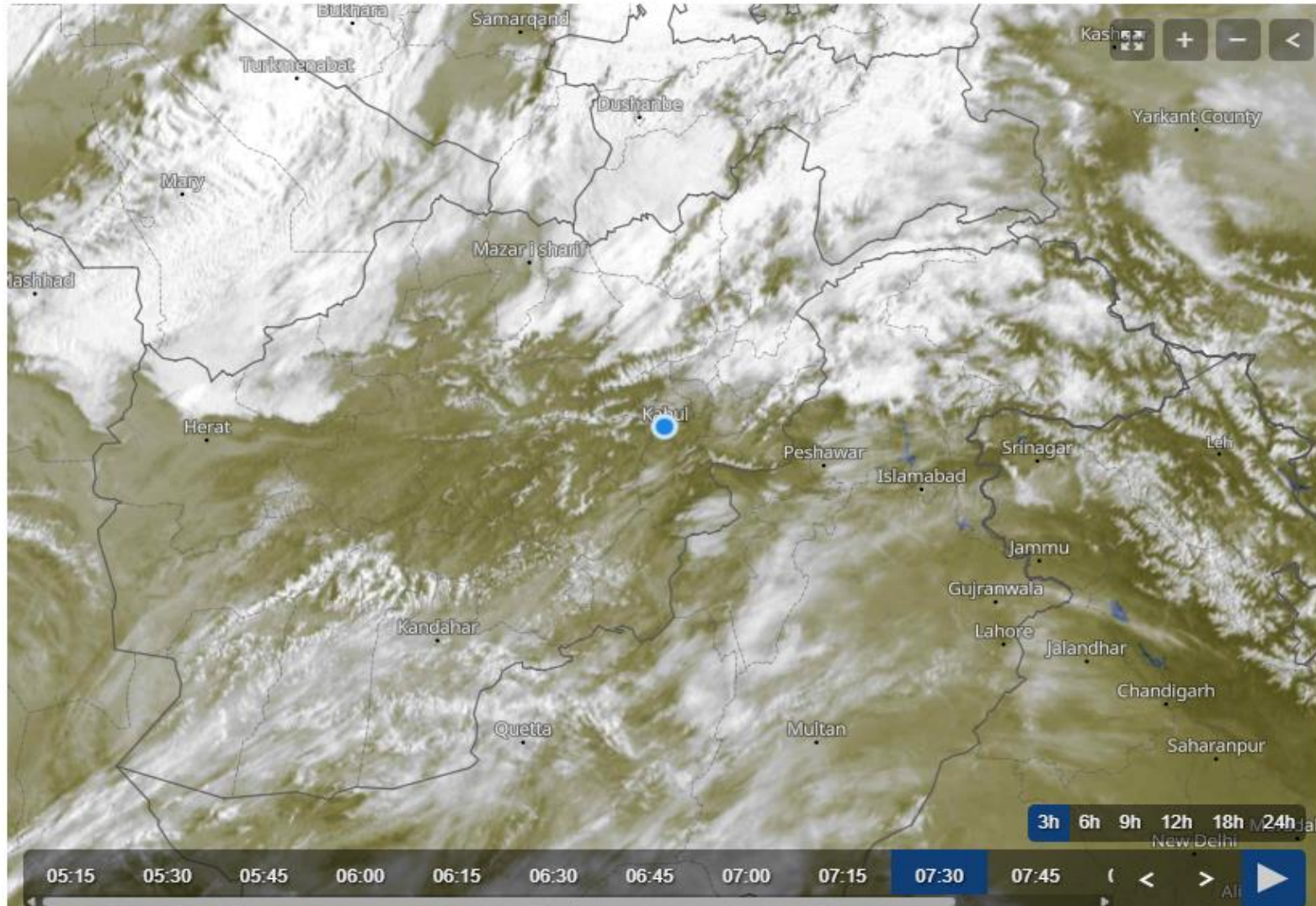


Cloud Top Height

2026-04-16 03:00(UTC)

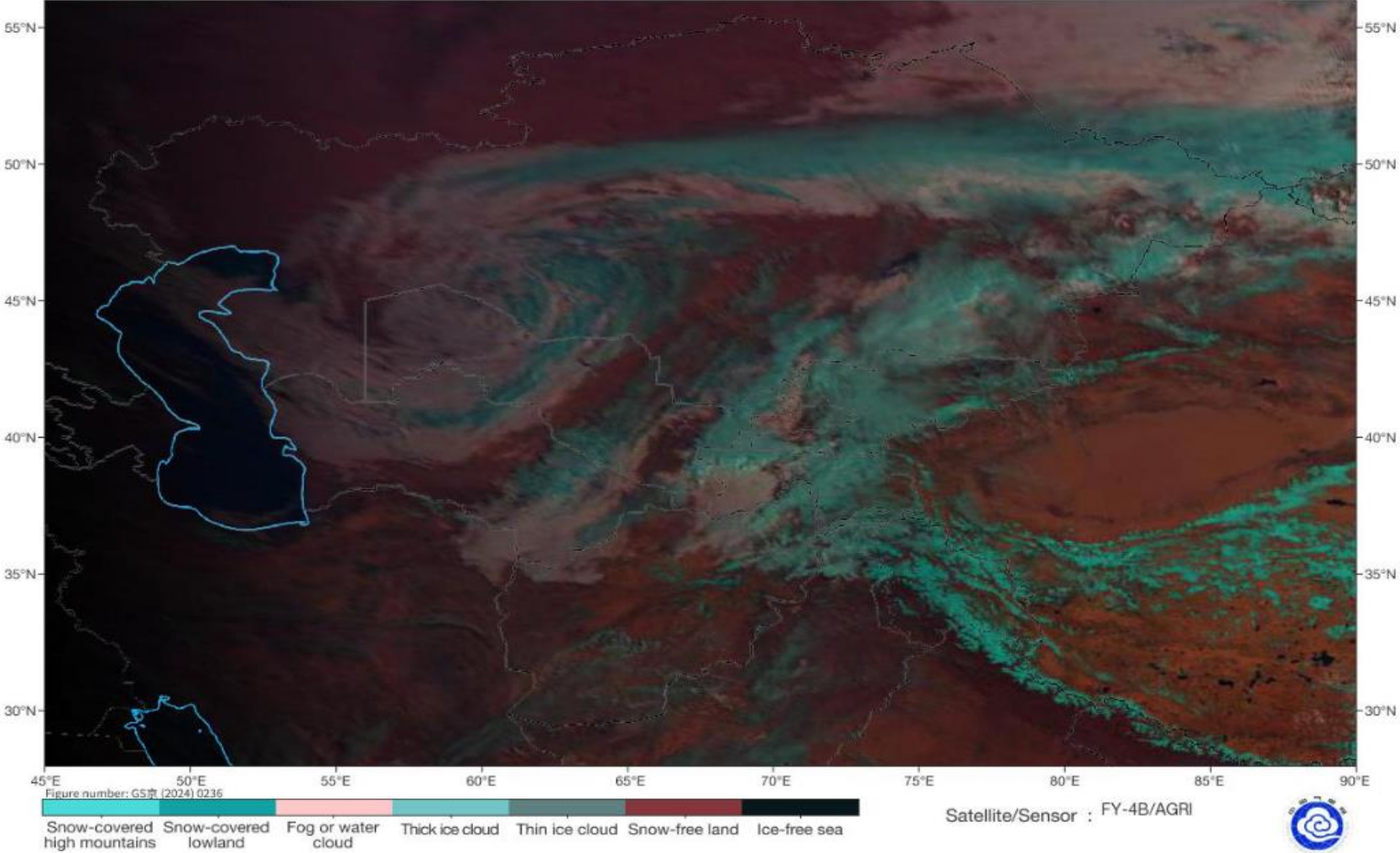


Live satellite map, Afghanistan



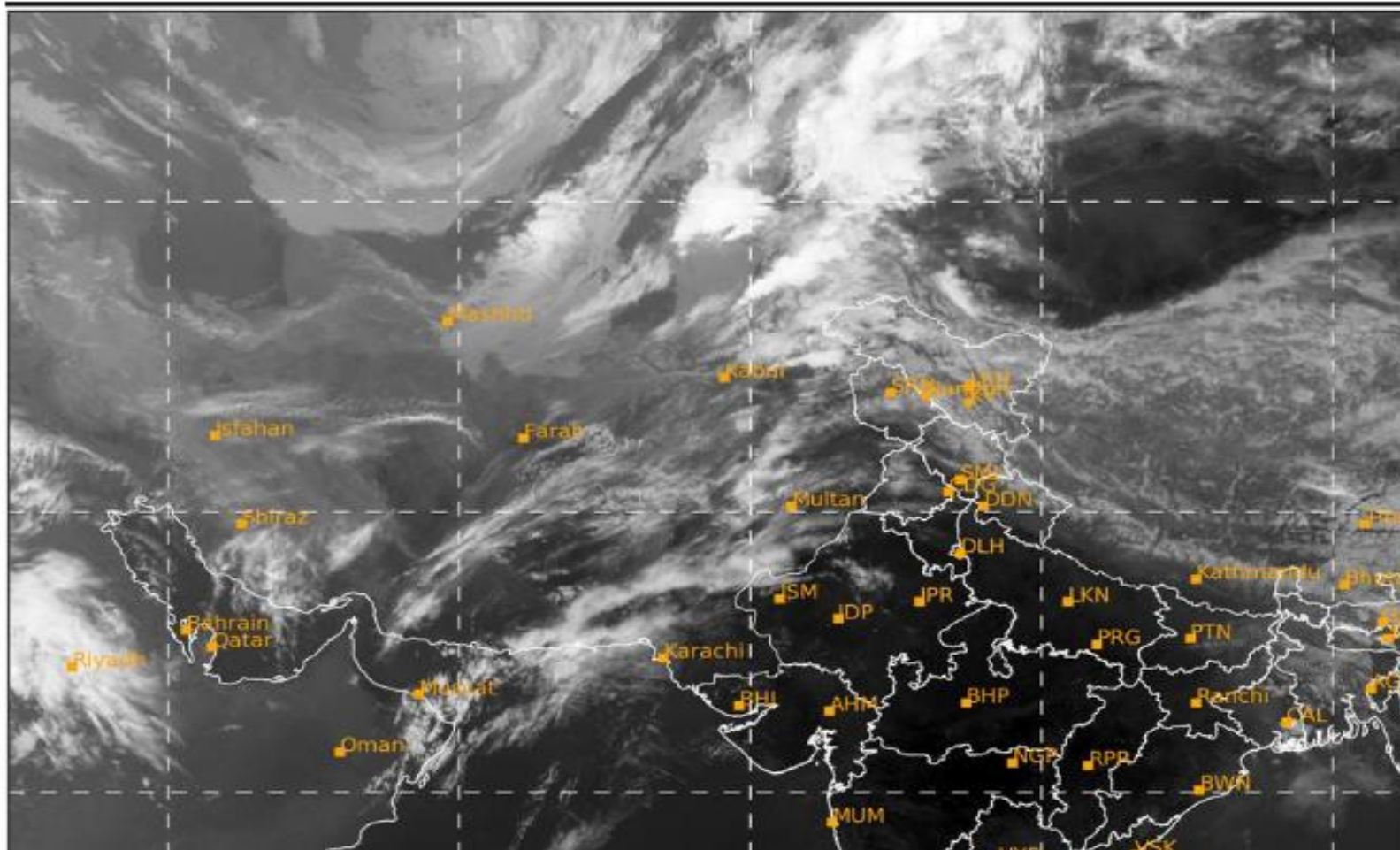
Fog Identification

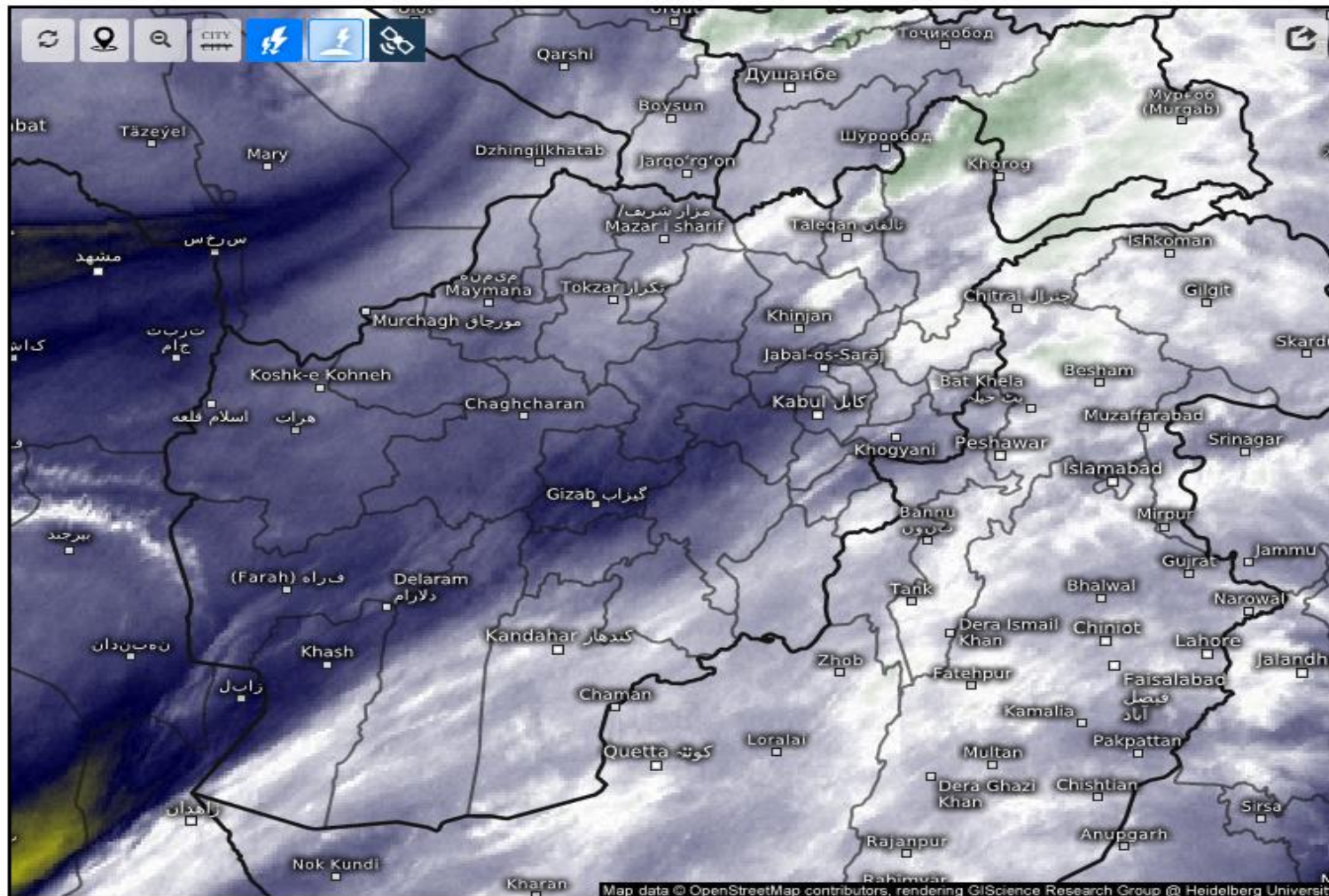
2026-04-16 03:00(UTC)



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

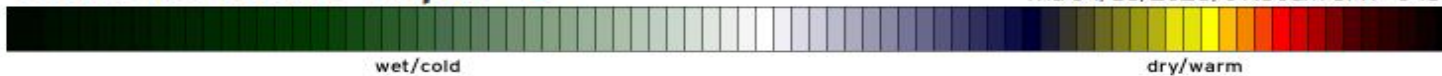
16-04-2026/(0245 to 0312) GMT
16-04-2026/(0815 to 0842) IST





Satellite Water Vapor i

Thu 04/16/2026, 07:30am GMT+0430



Land Surface Temperature

2026-04-16 03:00(UTC)

