



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, 03:00 UTC

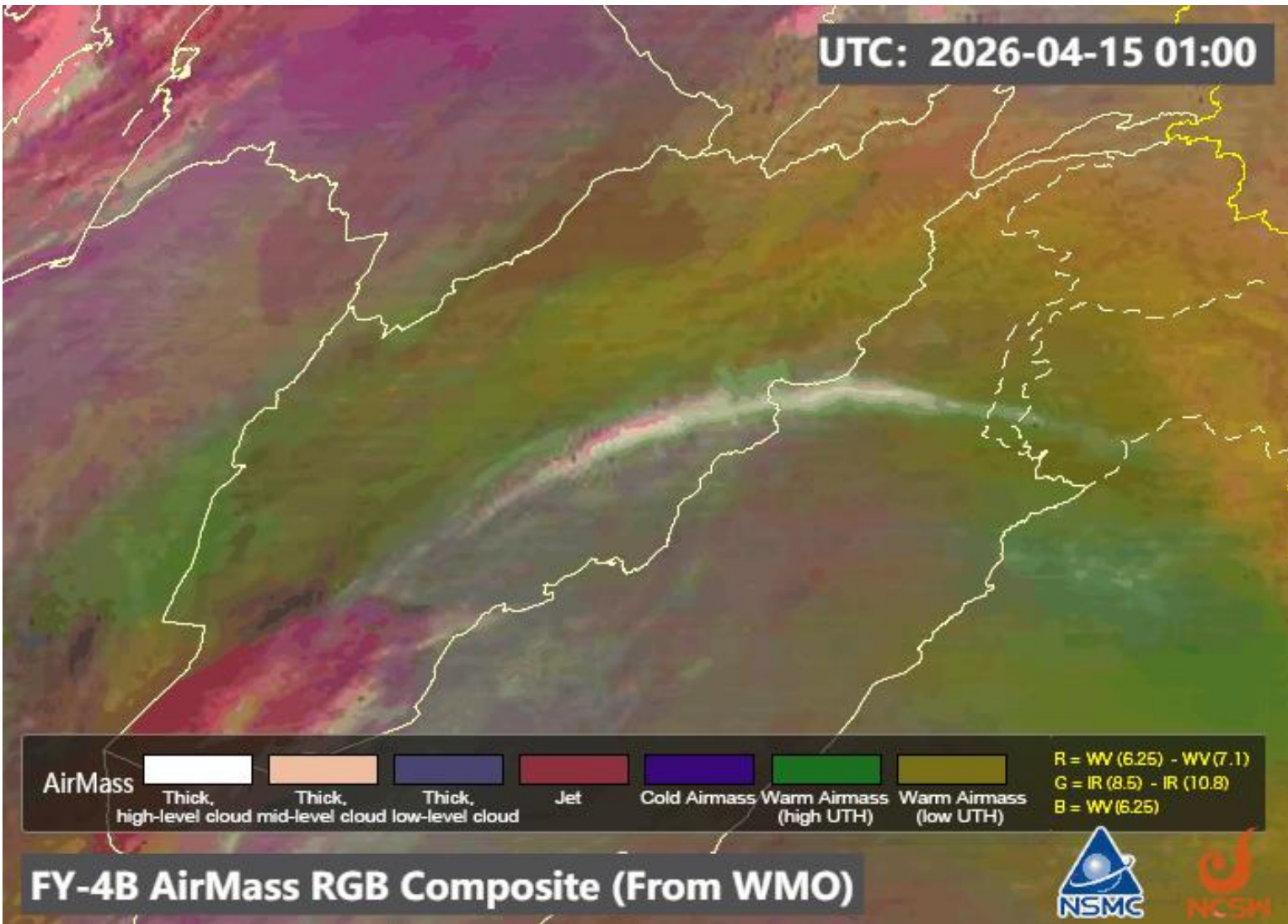
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	✓	✓	✓ Moderate	X	X	
2	South	✓	X	X	✓	X	✓ Moderate	X	X	
3	West	✓	✓	X	X	X	✓ Weak	X	X	
4	East	✓	X	X	X	X	✓ Weak	X	X	
5	central	✓	X	X	X	X	✓ Weak	X	X	
6	Northeast	✓	X	X	X	X	✓ Moderate	X	X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

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

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

- Reported by: Sayed Taher Atlas

UTC: 2026-04-15 01:00



AirMass

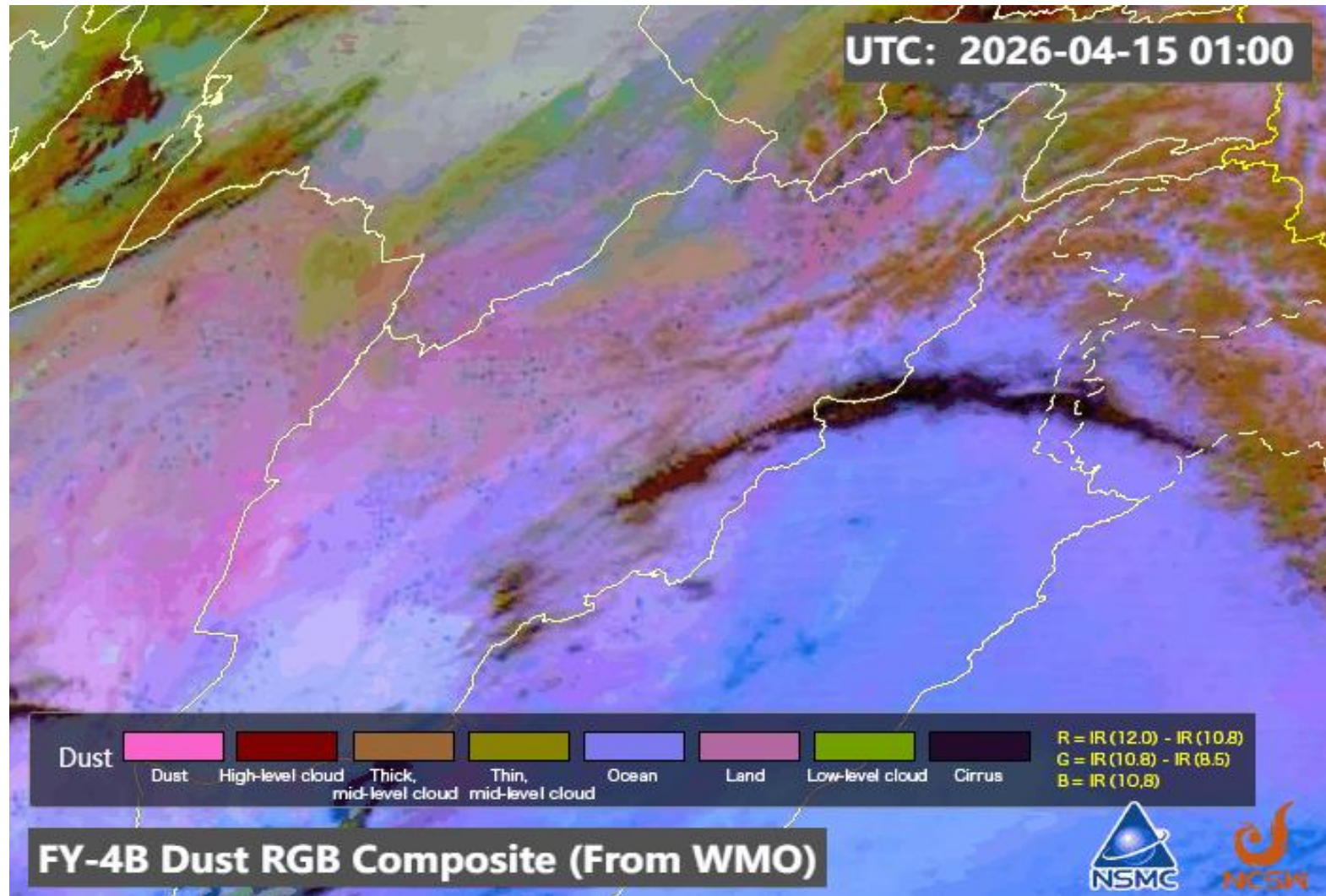
						
Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)

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)

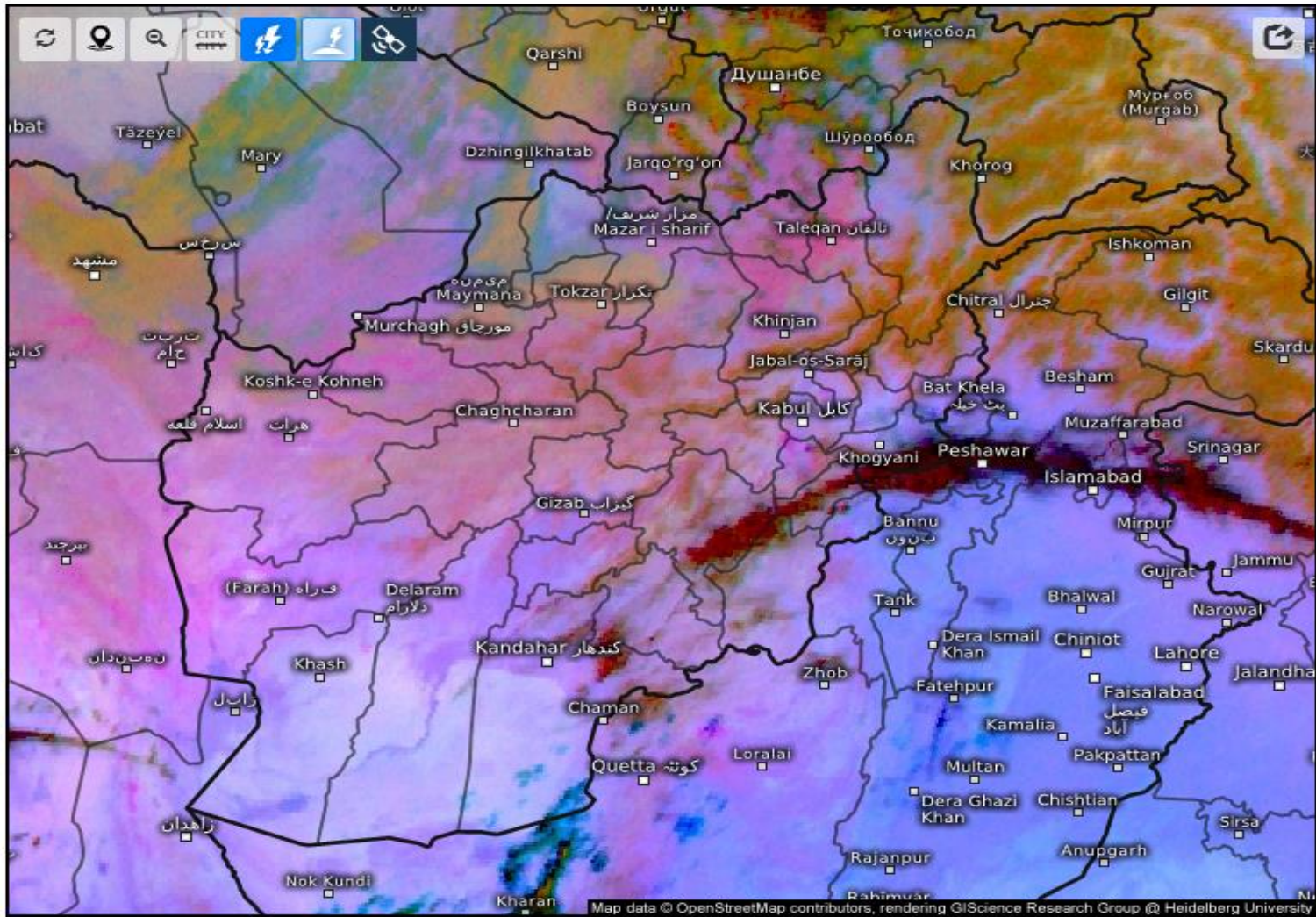


UTC: 2026-04-15 01:00



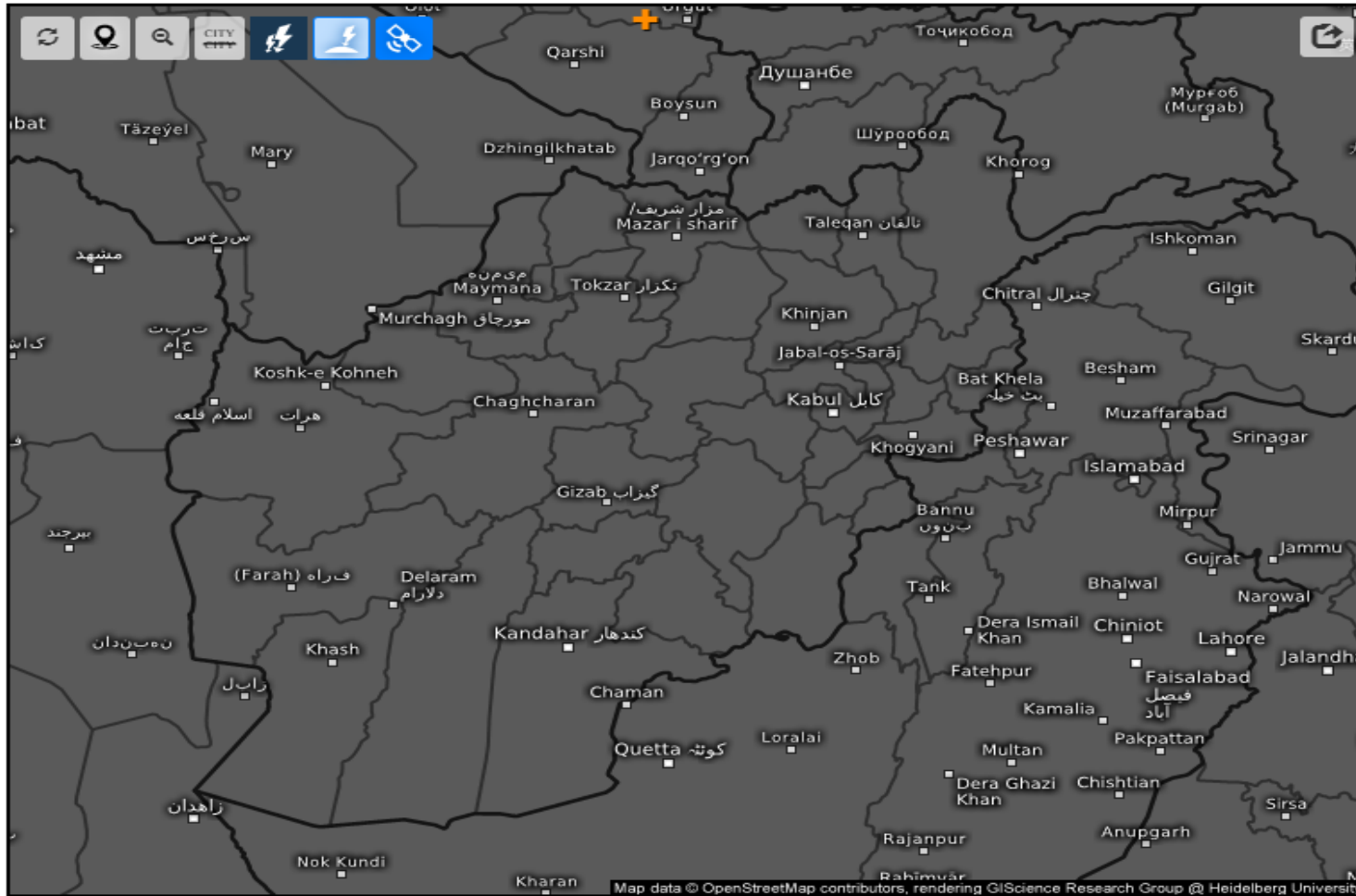
FY-4B Dust RGB Composite (From WMO)





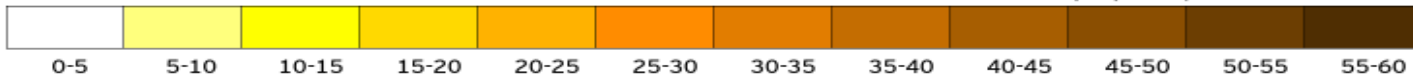
Satellite Dust 

Wed 04/15/2026, 07:30am GMT+0430



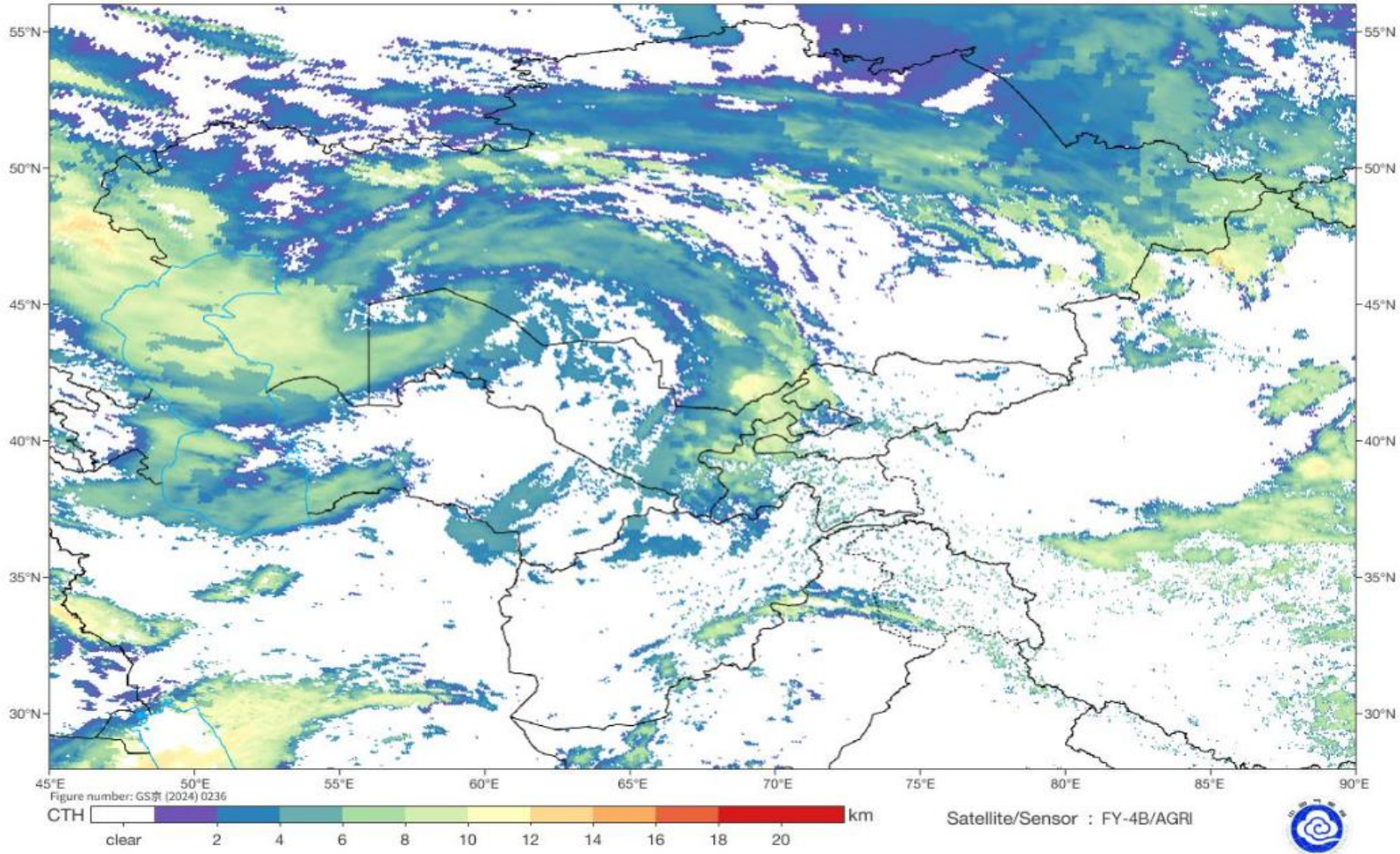
Age of lightning (minutes) 

Wed 04/15/2026, 07:30am GMT+0430



Cloud Top Height

2026-04-15 03:00(UTC)

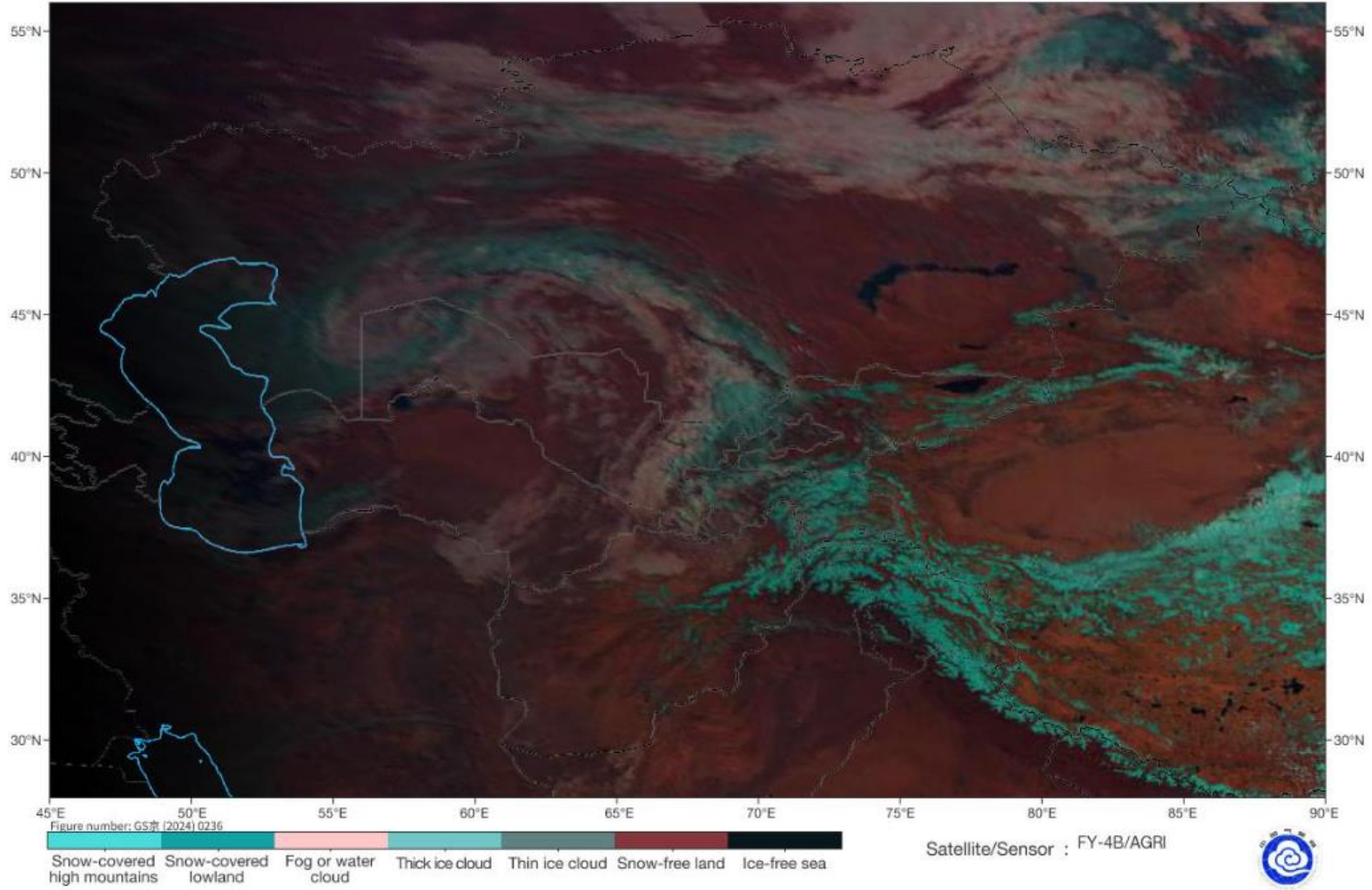


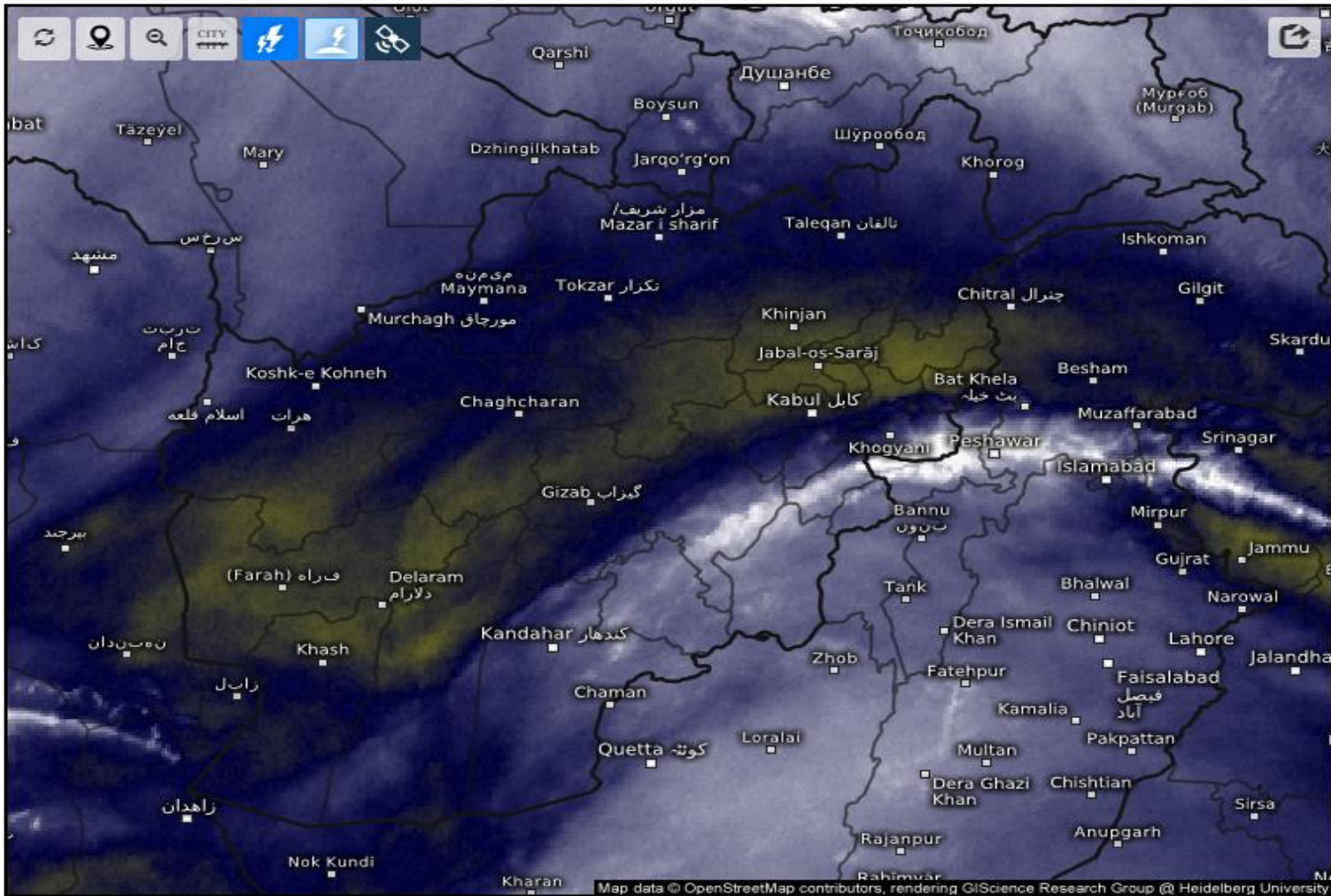
Live satellite map, Afghanistan



Fog Identification

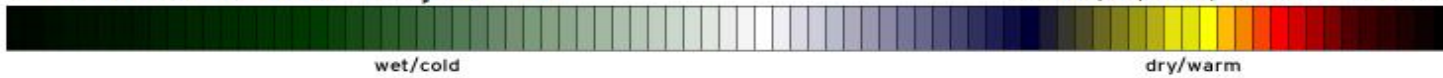
2026-04-15 03:00(UTC)





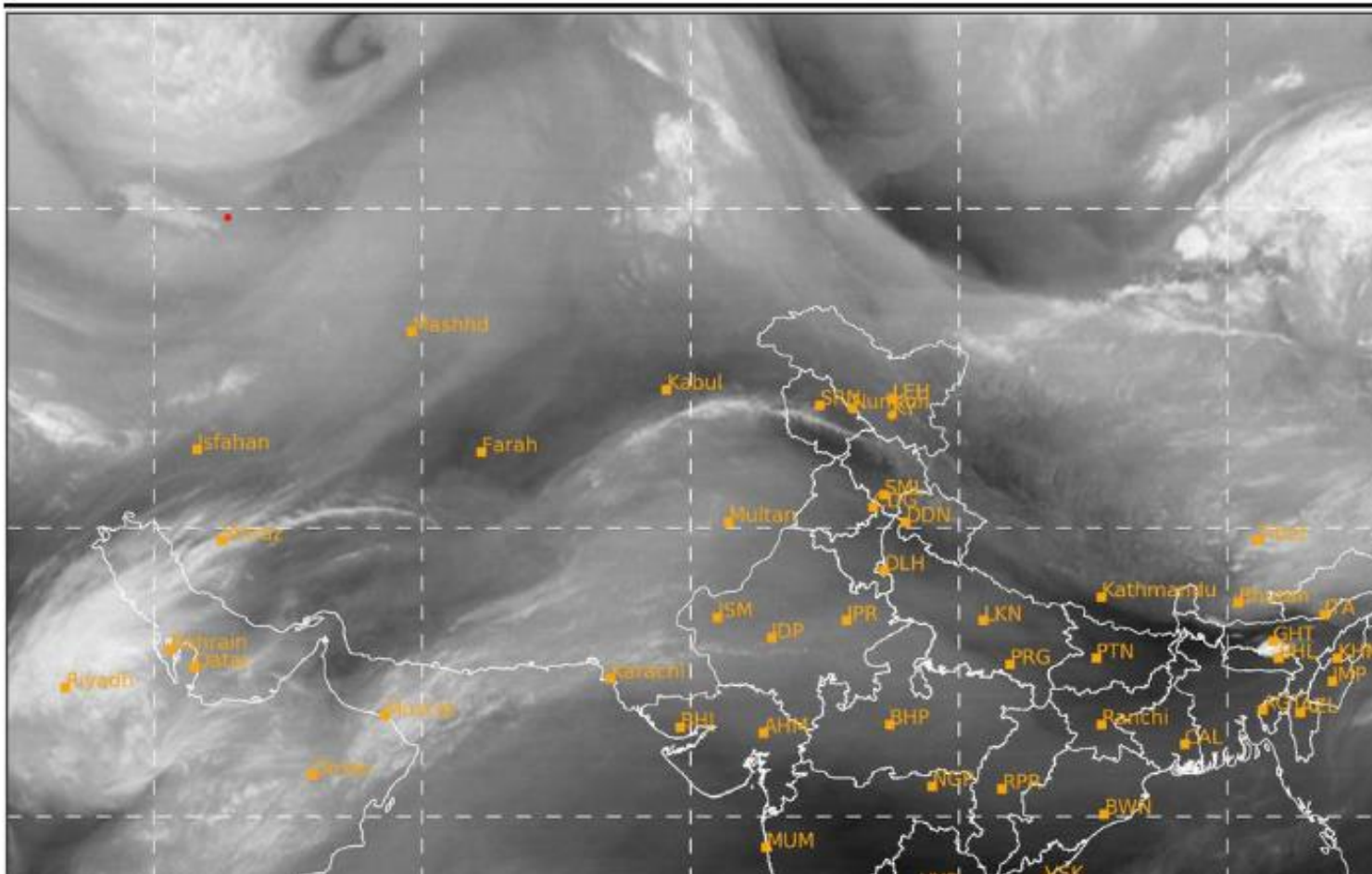
Satellite Water Vapor i

Wed 04/15/2026, 07:30am GMT+0430



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

15-04-2026/(0245 to 0312) GMT
15-04-2026/(0815 to 0842) IST



Land Surface Temperature

2026-04-15 03:00(UTC)

