



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



Daily reports of Satellite imagery analysis. Date & Time: 19/04/2026, 03:00 UTC

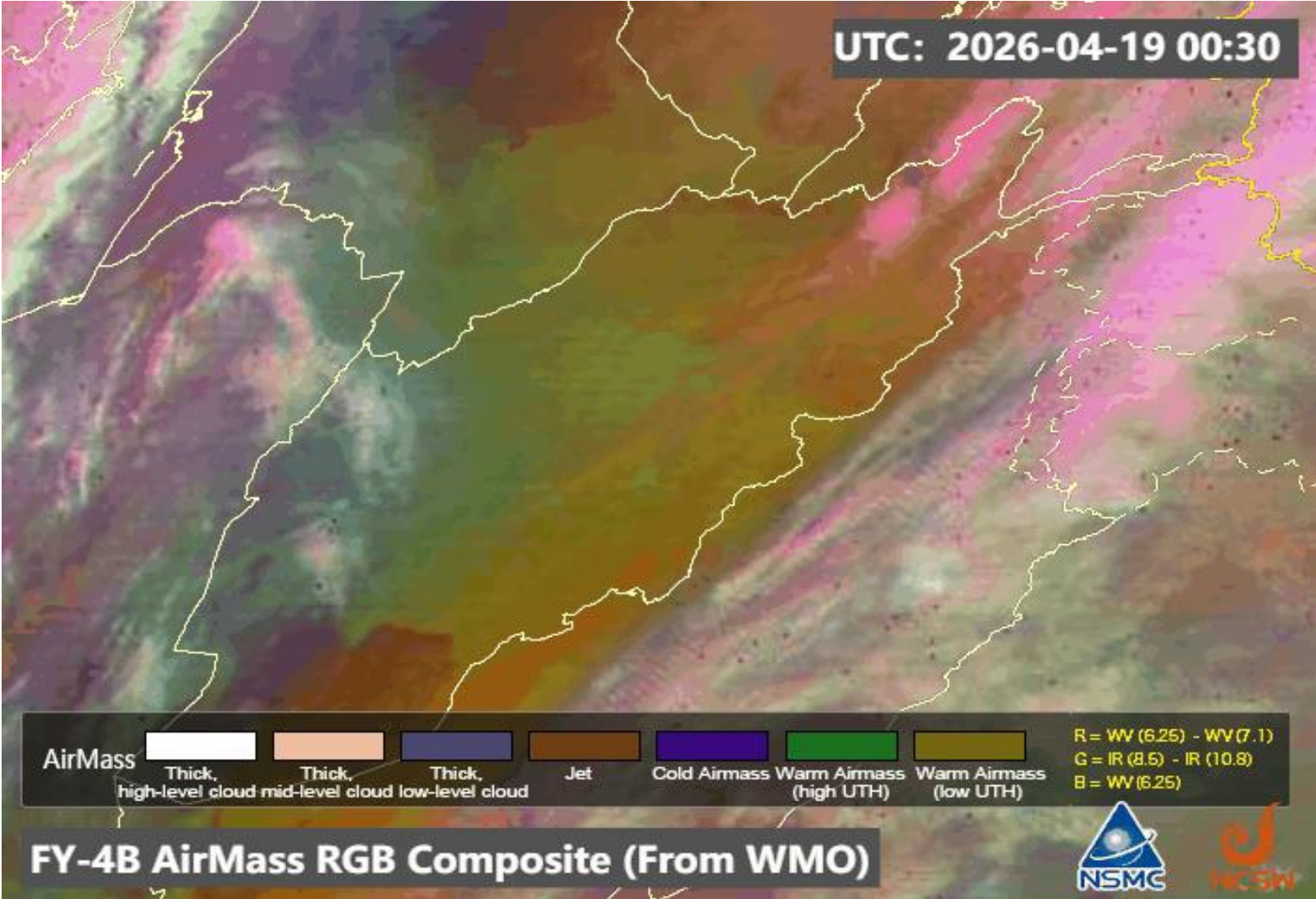
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	X	X	✓ Weak	X	X	
2	South	✓	X	X	X	X	✓ Weak	X	X	
3	West	✓	✓	X	✓	X	✓ Moderate	X	X	
4	East	✓	X	X	✓	X	✓ Moderate	X	X	
5	central	✓	X	X	X	X	✓ Weak	X	X	
6	Northeast	✓	X	X	✓	X	✓ Moderate	X	X	
7	Southeast	✓	✓	X	X	X	✓ Weak	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 western and northwestern areas have cold air mass. The northern, southern, eastern, central, northeastern, southeastern, and southwestern areas have warm air mass. Some parts of northern, western, and southeastern areas have dust storm. Some parts of western, eastern, northeastern, and northwestern areas have cloudy sky. The western, eastern, northeastern, northwestern, and southwestern areas have moderate water vapor. The northern, southern, central, and southeastern areas have weak water vapor.

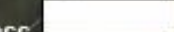
Note: X (Not existing phenomena), v (exist phenomena)

- Reported by: Sayed Taher Atlas

UTC: 2026-04-19 00:30



AirMass

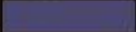


Thick, high-level cloud



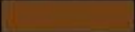
Thick,

mid-level cloud



Thick,

low-level cloud



Jet



Cold Airmass



Warm Airmass (high UTH)



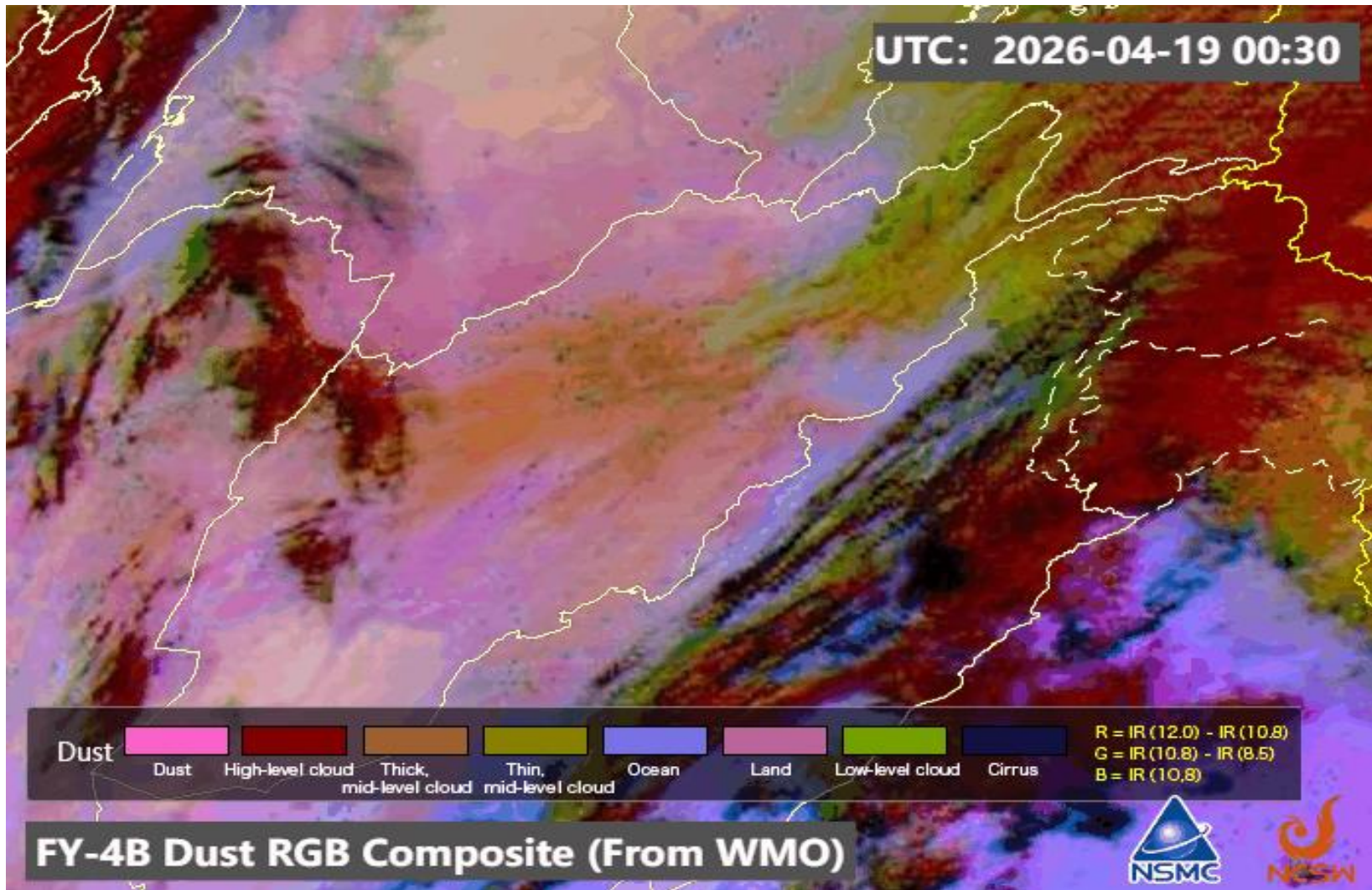
Warm Airmass (low UTH)

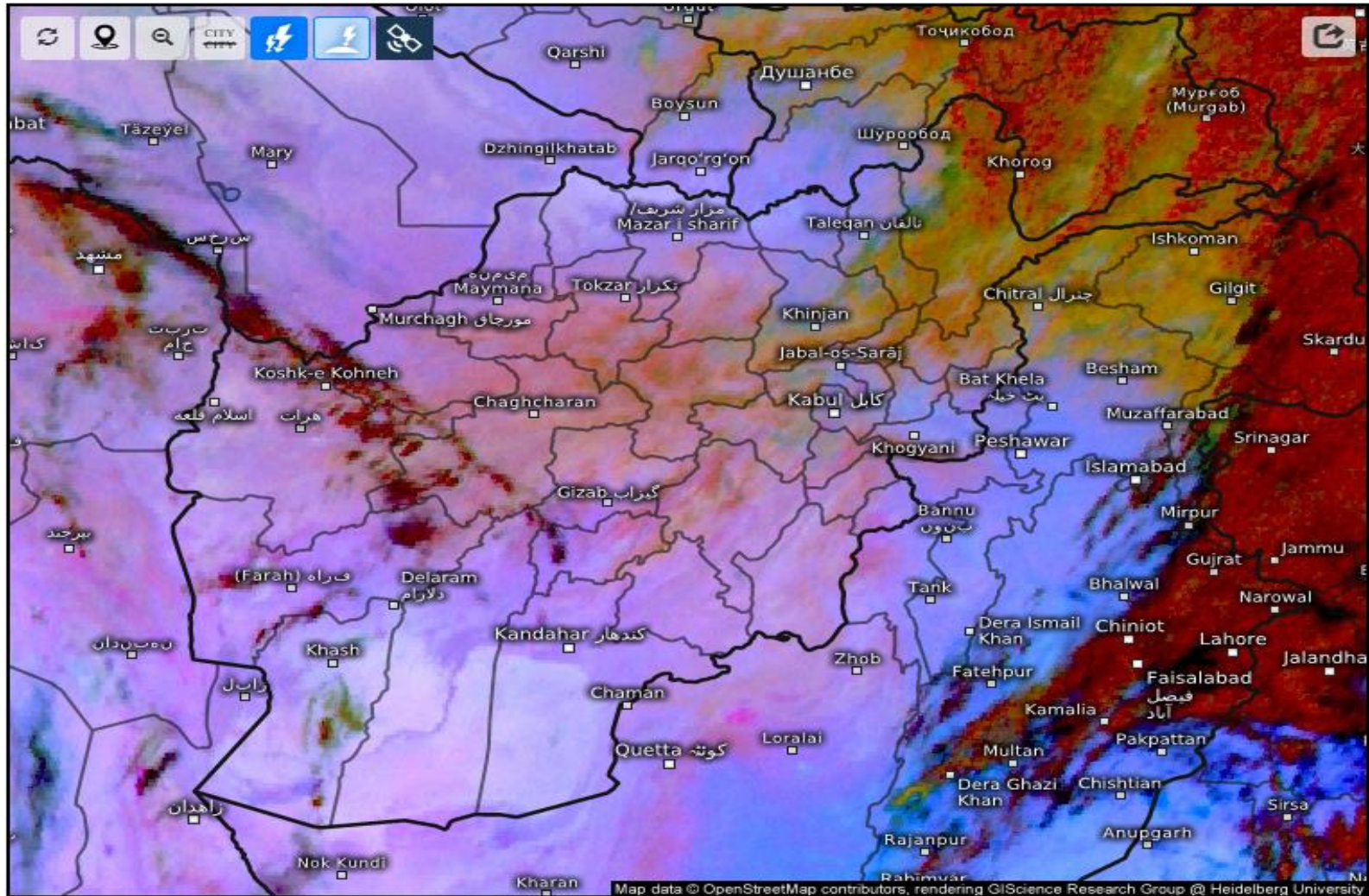
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



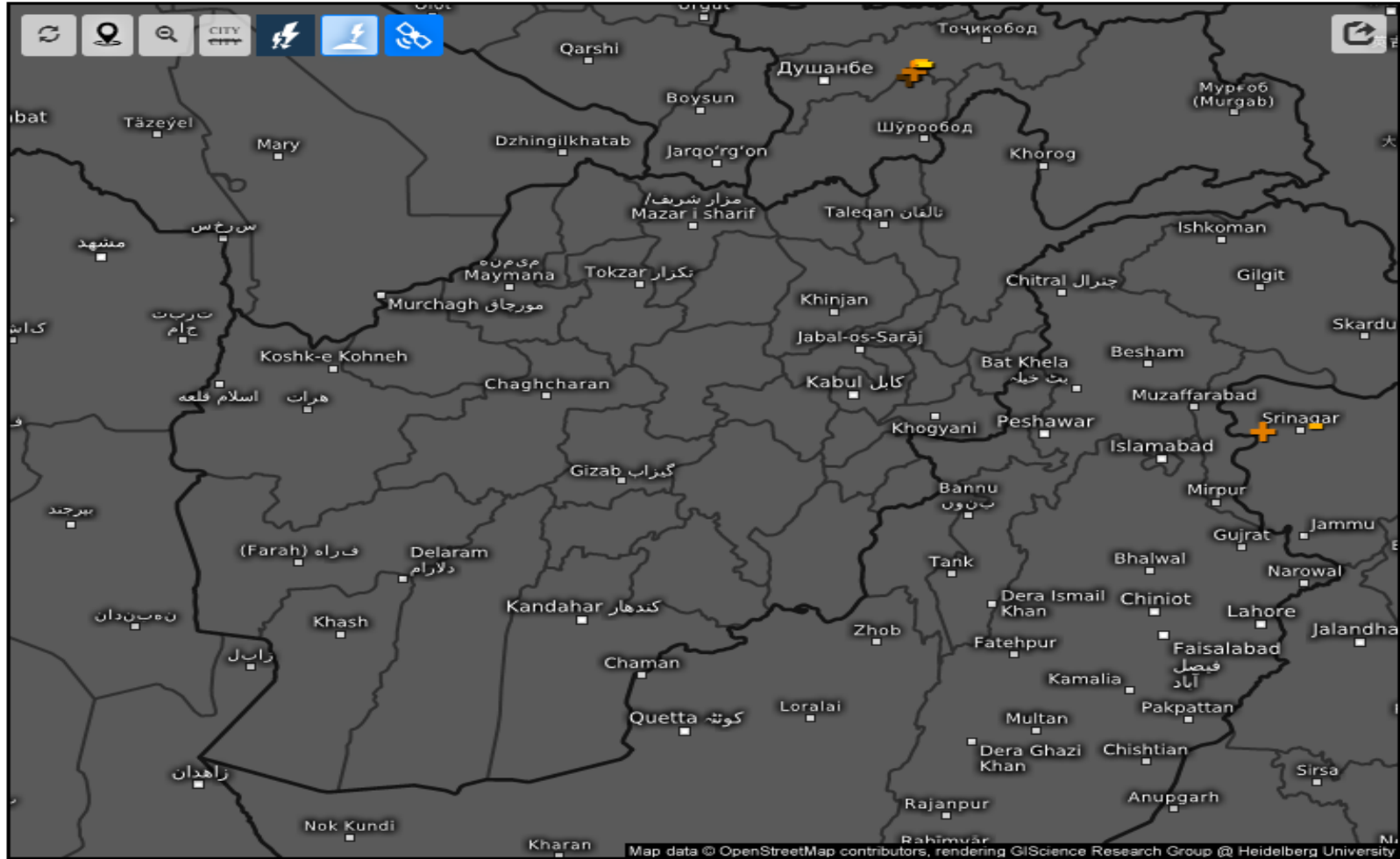
UTC: 2026-04-19 00:30





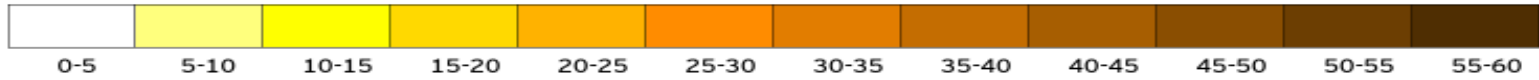
Satellite Dust 

Sun 04/19/2026, 07:30am GMT+0430



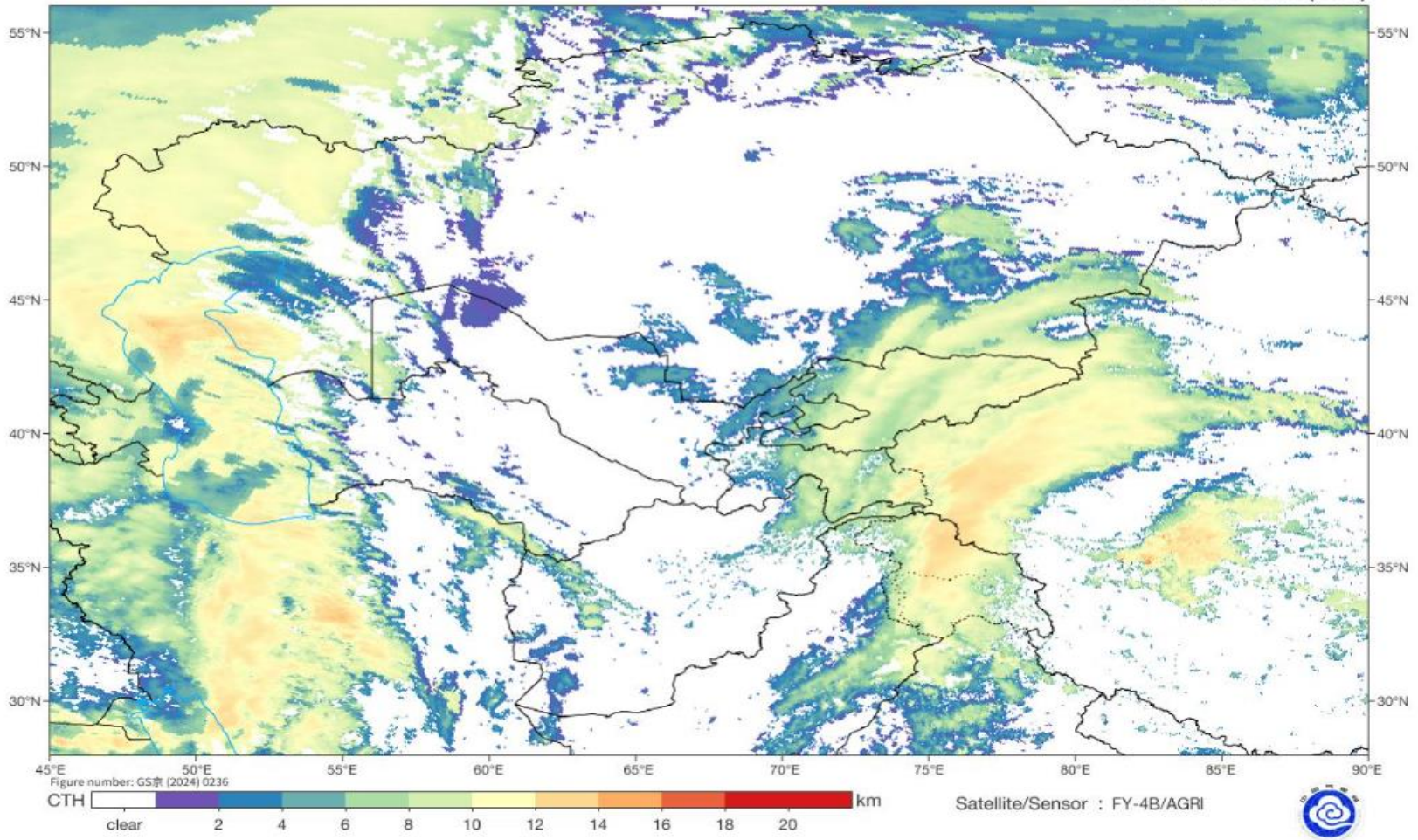
Age of lightning (minutes) 

Sun 04/19/2026, 07:30am GMT+0430

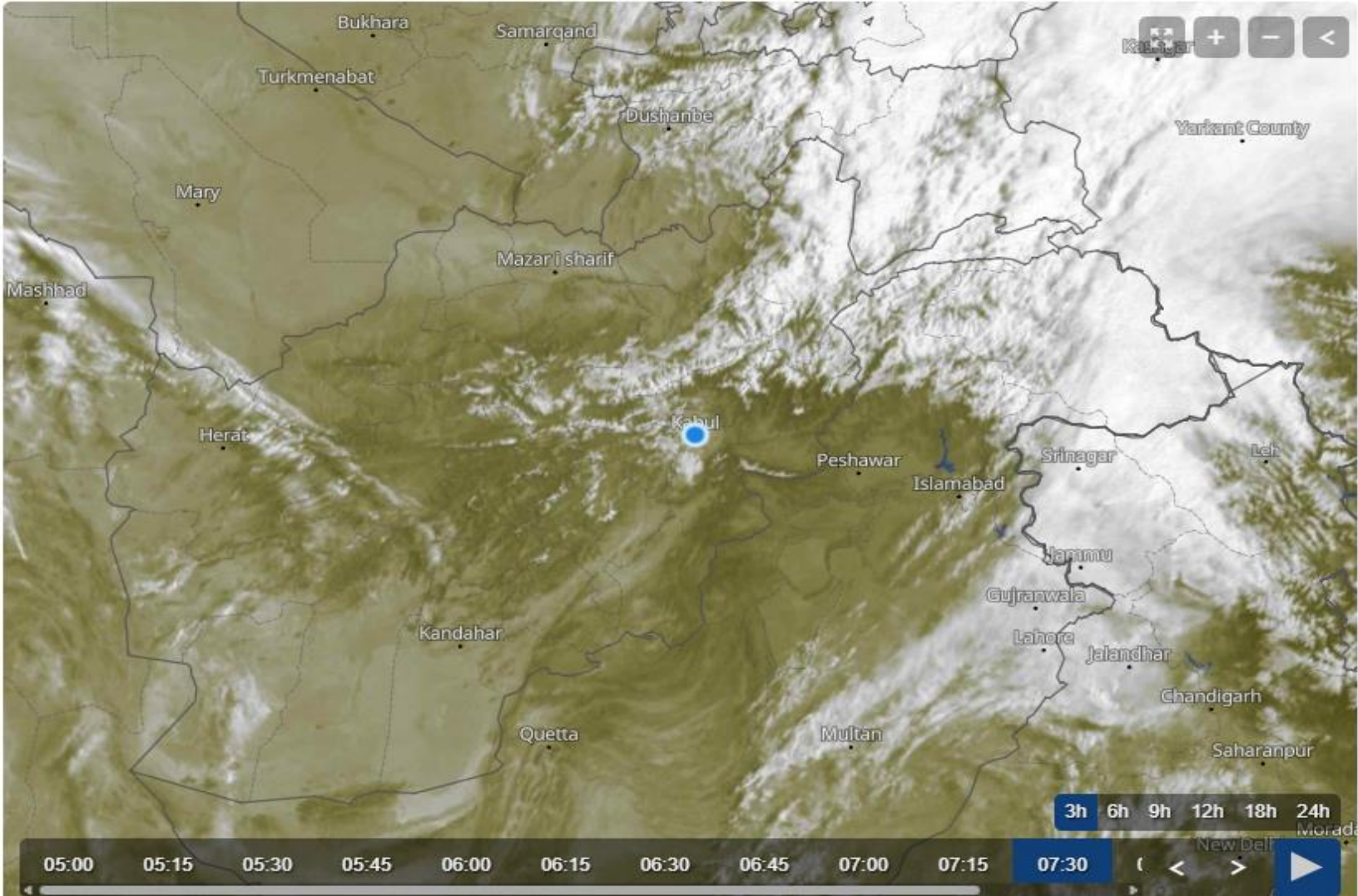


Cloud Top Height

2026-04-19 03:15(UTC)

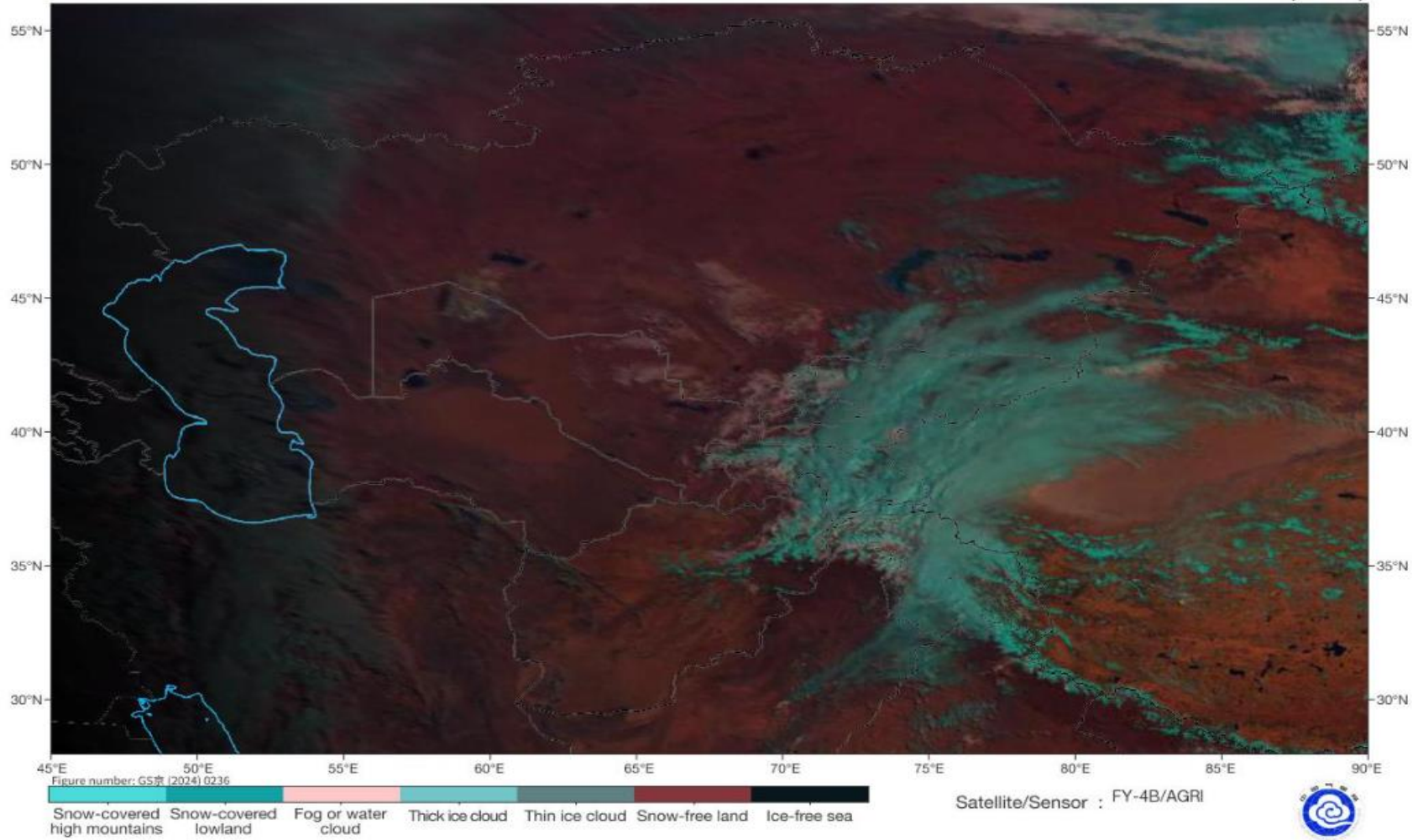


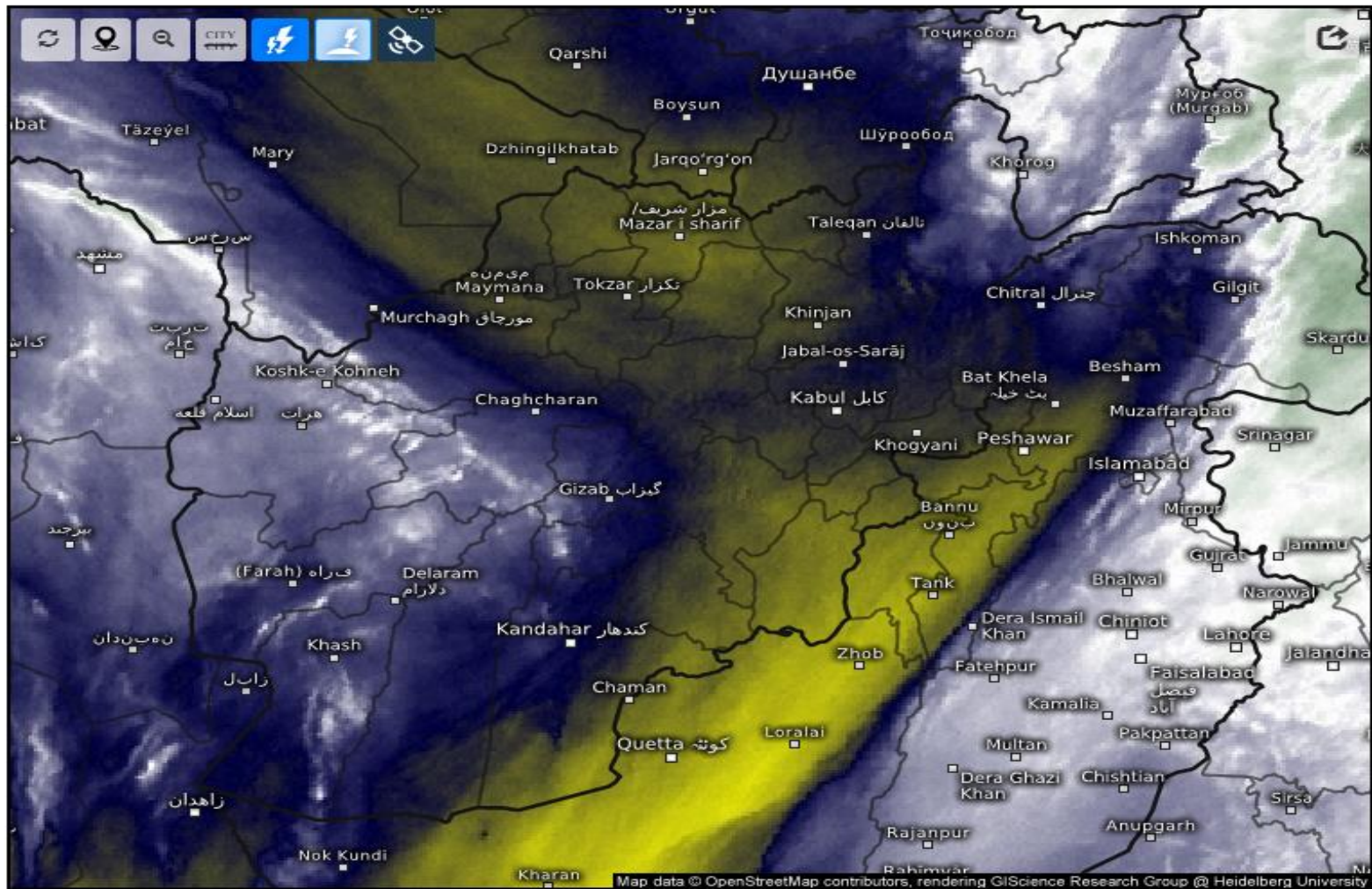
Live satellite map, Afghanistan



Fog Identification

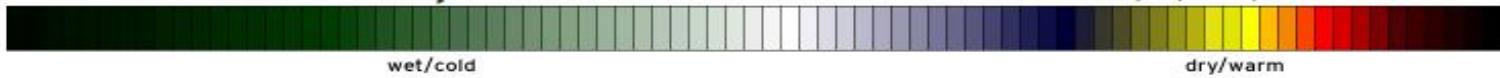
2026-04-19 03:00(UTC)





Satellite Water Vapor

Sun 04/19/2026, 07:30am GMT+0430



Land Surface Temperature

2026-04-19 03:00(UTC)

