



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



Daily reports of Satellite imagery analysis. Date & Time: 30-04-2026, 06:00 UTC

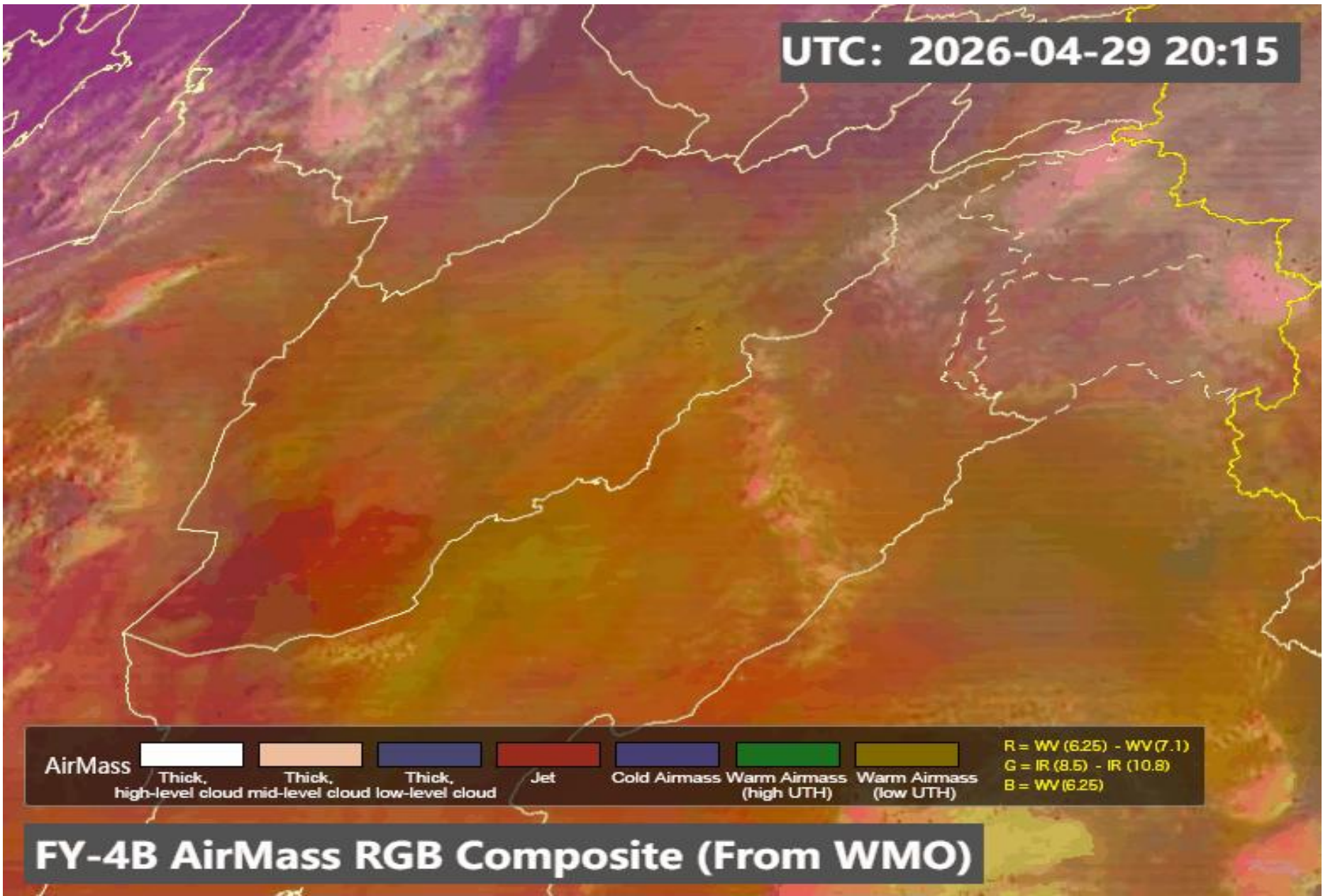
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓ weak	X	X	
2	South	✓	X	X	X	X	✓ moderate	X	✓	
3	West	✓	X	X	✓	X	✓ moderate	X	X	
4	East	✓	X	✓	✓	X	✓ moderate	X	X	+ lightning
5	central	✓	✓	X	X	X	✓ weak	X	X	
6	Northeast	✓	X	✓	✓	✓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

Details: According to satellite imagery analysis, the northern, southern, and southwestern regions have a cold air mass. The western, eastern, central, northeastern, southeastern, and northwestern regions have a warm air mass with (Low UTH). The central and southeastern regions have dust. The eastern and northeastern regions have thunderstorms. The western, eastern, northeastern, and southwestern regions have cloudy skies. The northeastern regions have fog or water clouds. All regions have moderate water vapor, except the northern, central, and southeastern regions, which have weak water vapor. The southern regions have Jetstream.

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

Reported by: Esmatullah Mohammadi

UTC: 2026-04-29 20:15



AirMass



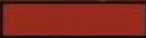
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

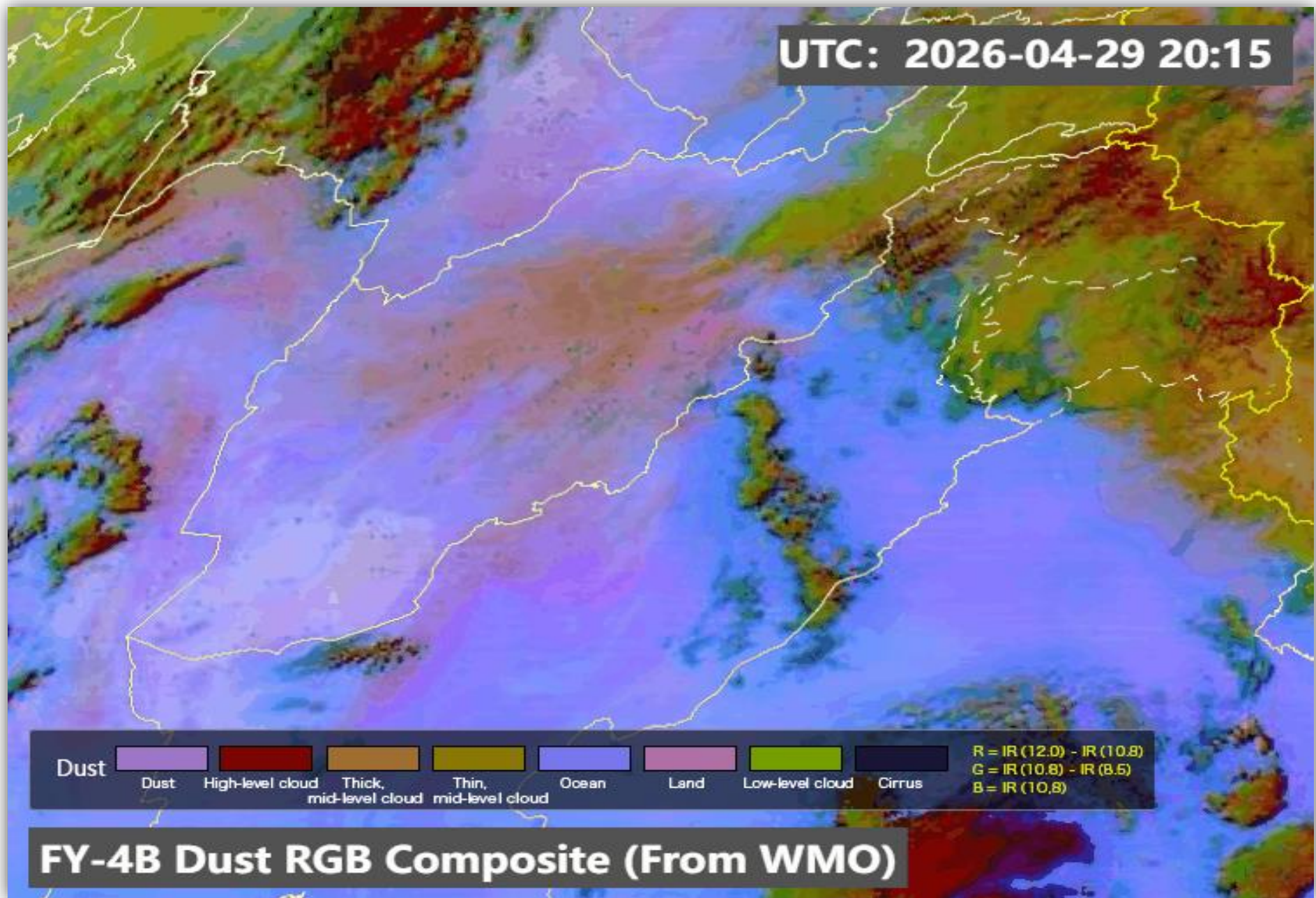
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

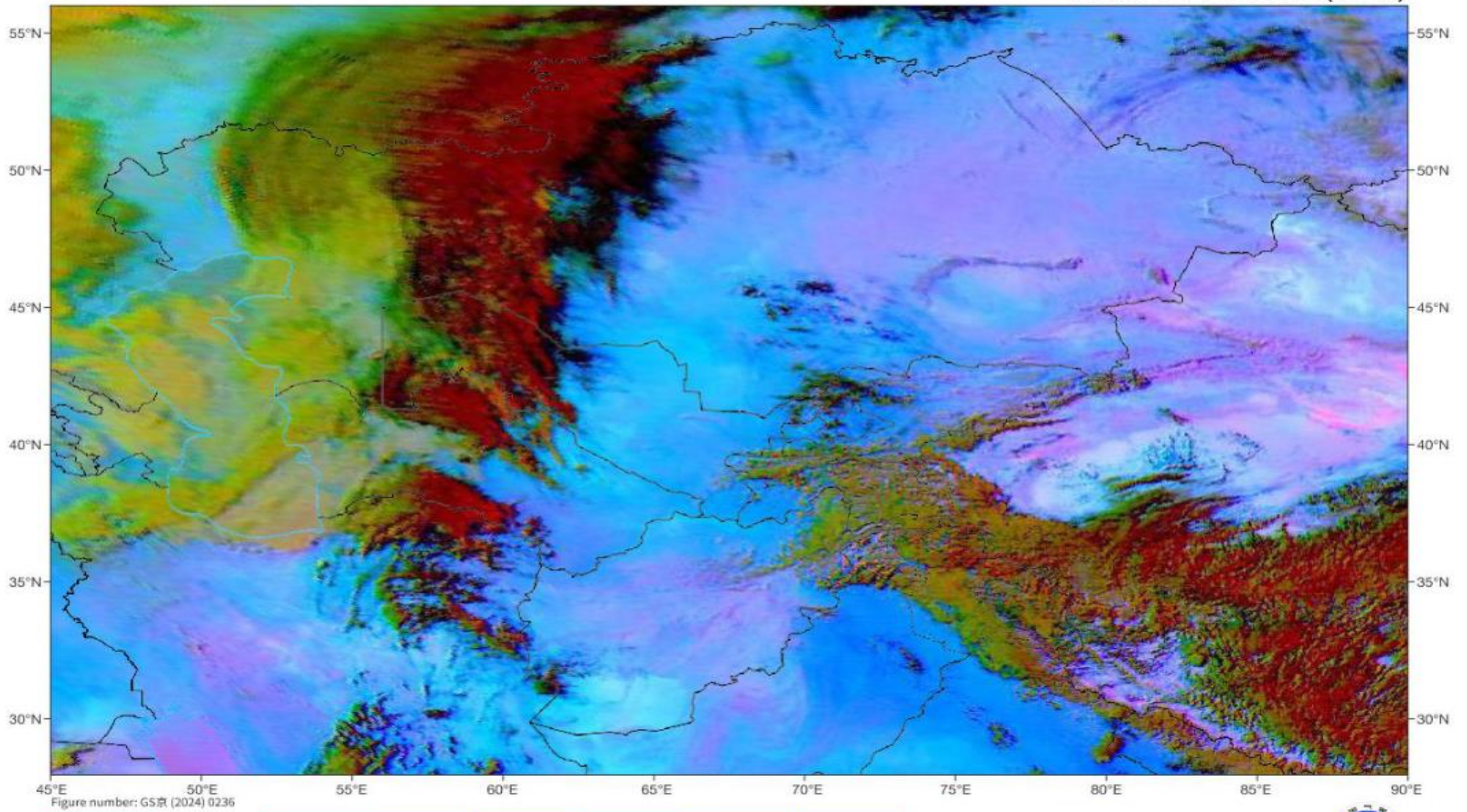
UTC: 2026-04-29 20:15



FY-4B Dust RGB Composite (From WMO)

Sand And Dust Identification

2026-04-30 05:30(UTC)

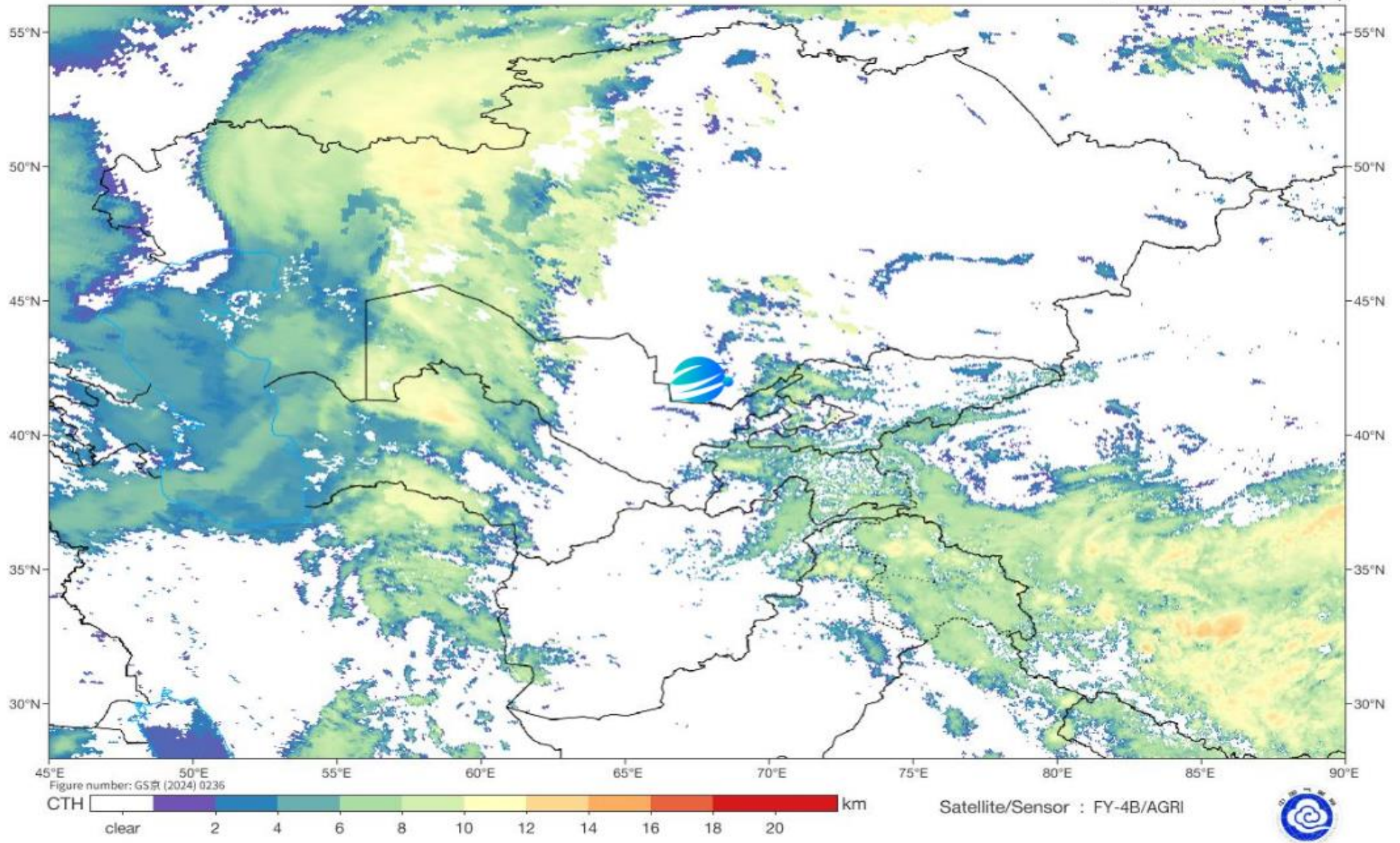


Satellite/Sensor : FY-4B/AGRI



Cloud Top Height

2026-04-30 05:30(UTC)

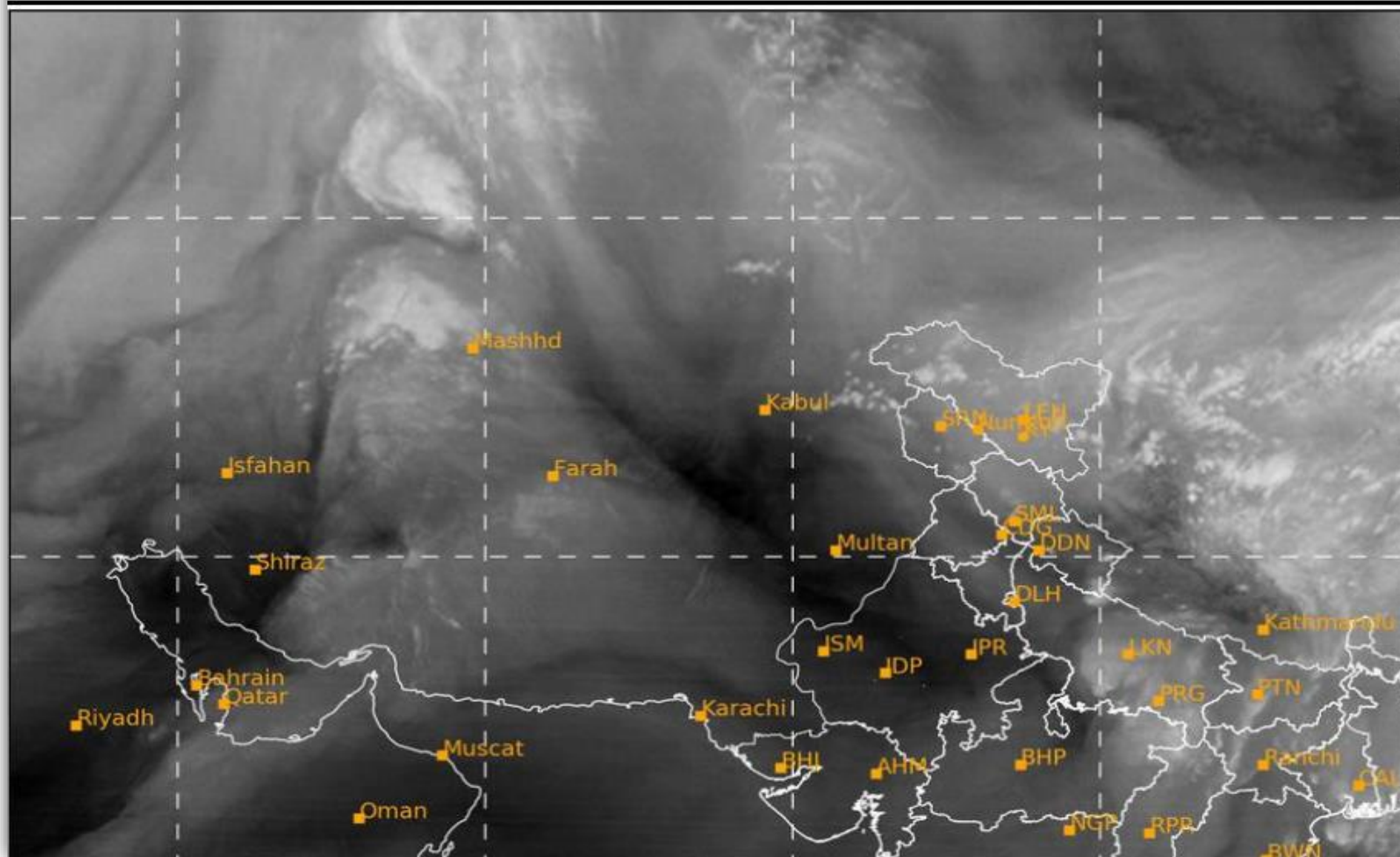


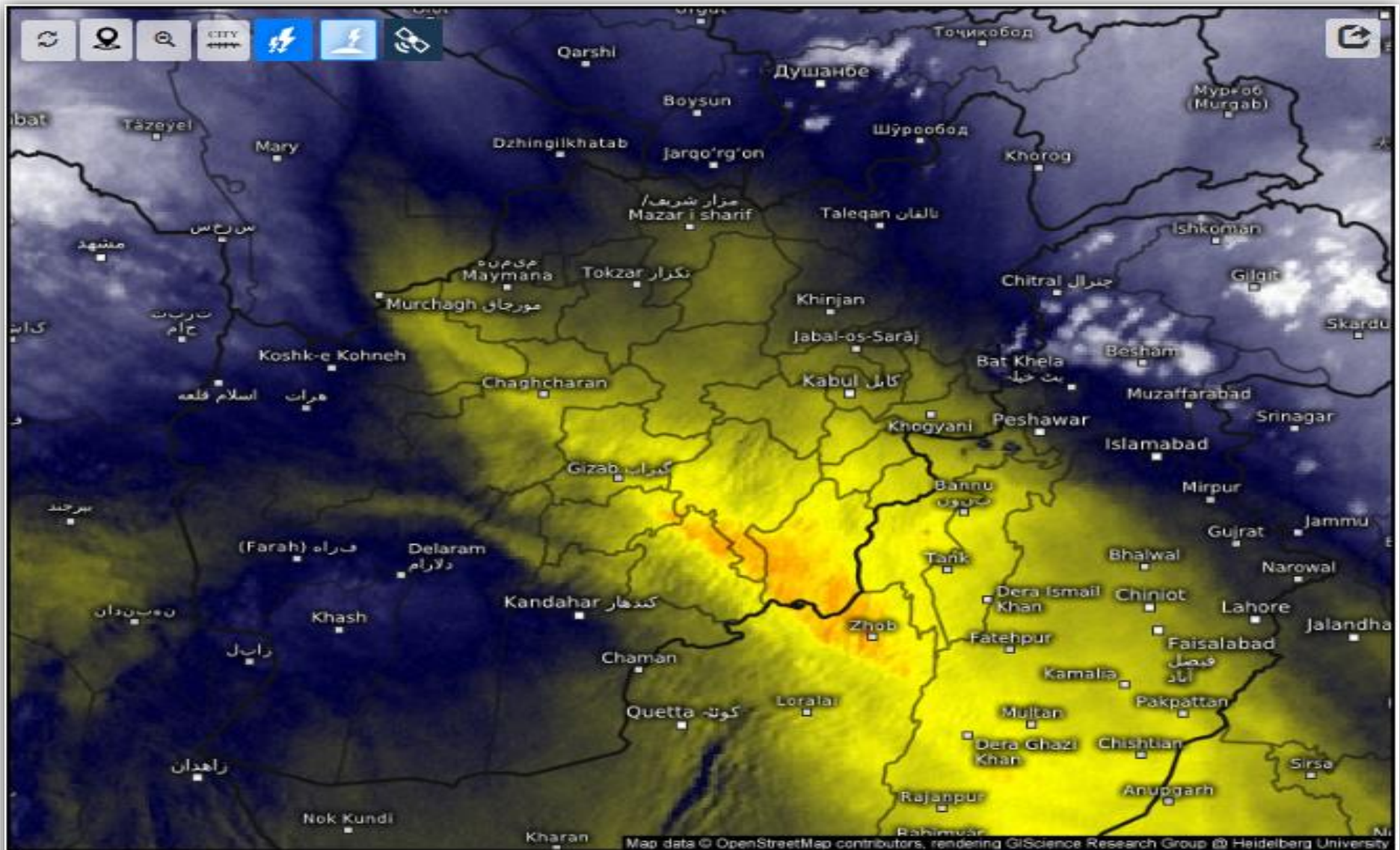
Live satellite map, Afghanistan



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

30-04-2026/(0445 to 0512) GMT
30-04-2026/(1015 to 1042) IST





Satellite Water Vapor

Thu 04/30/2026, 10:00am GMT+0430

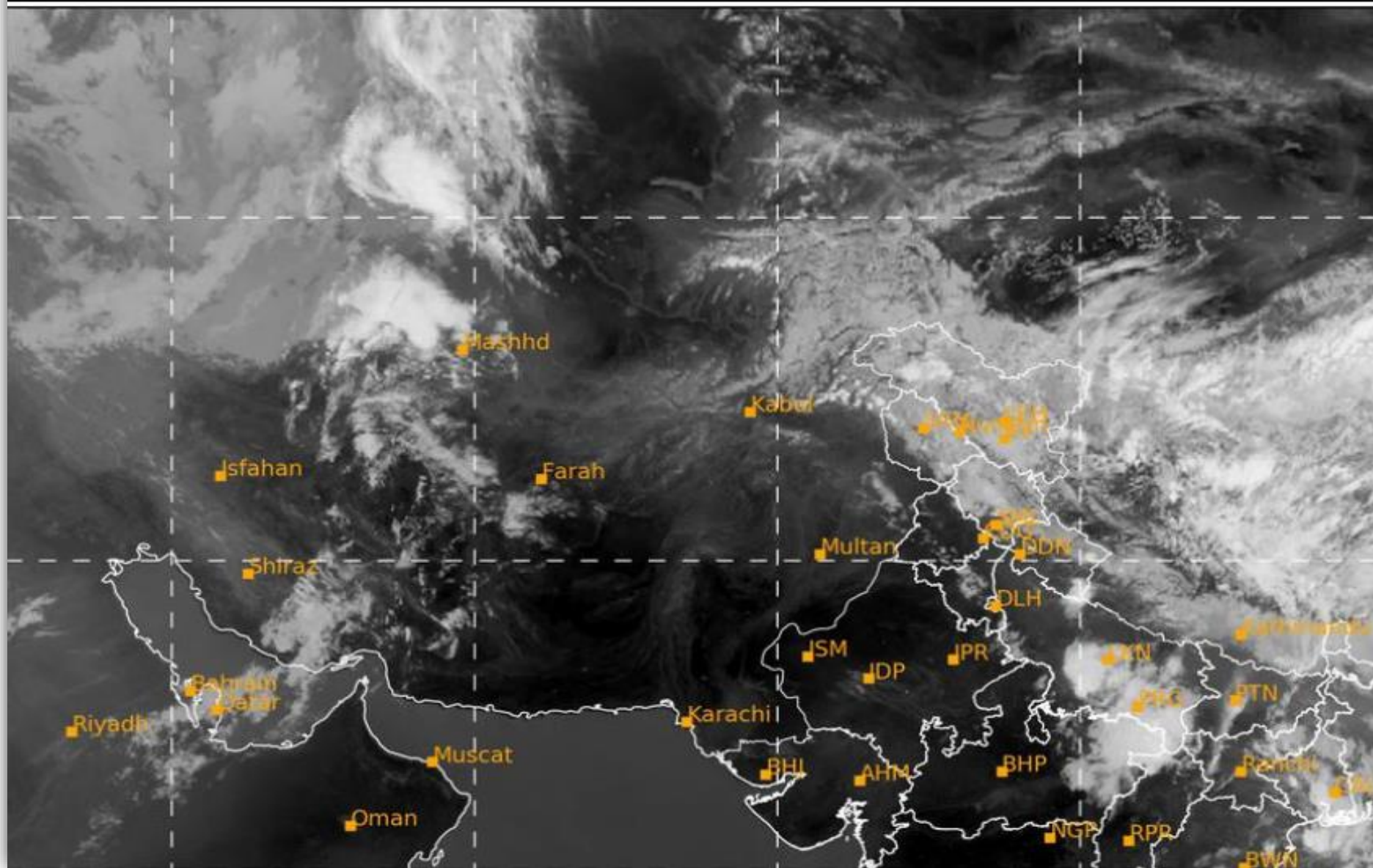


wet/cold

dry/warm

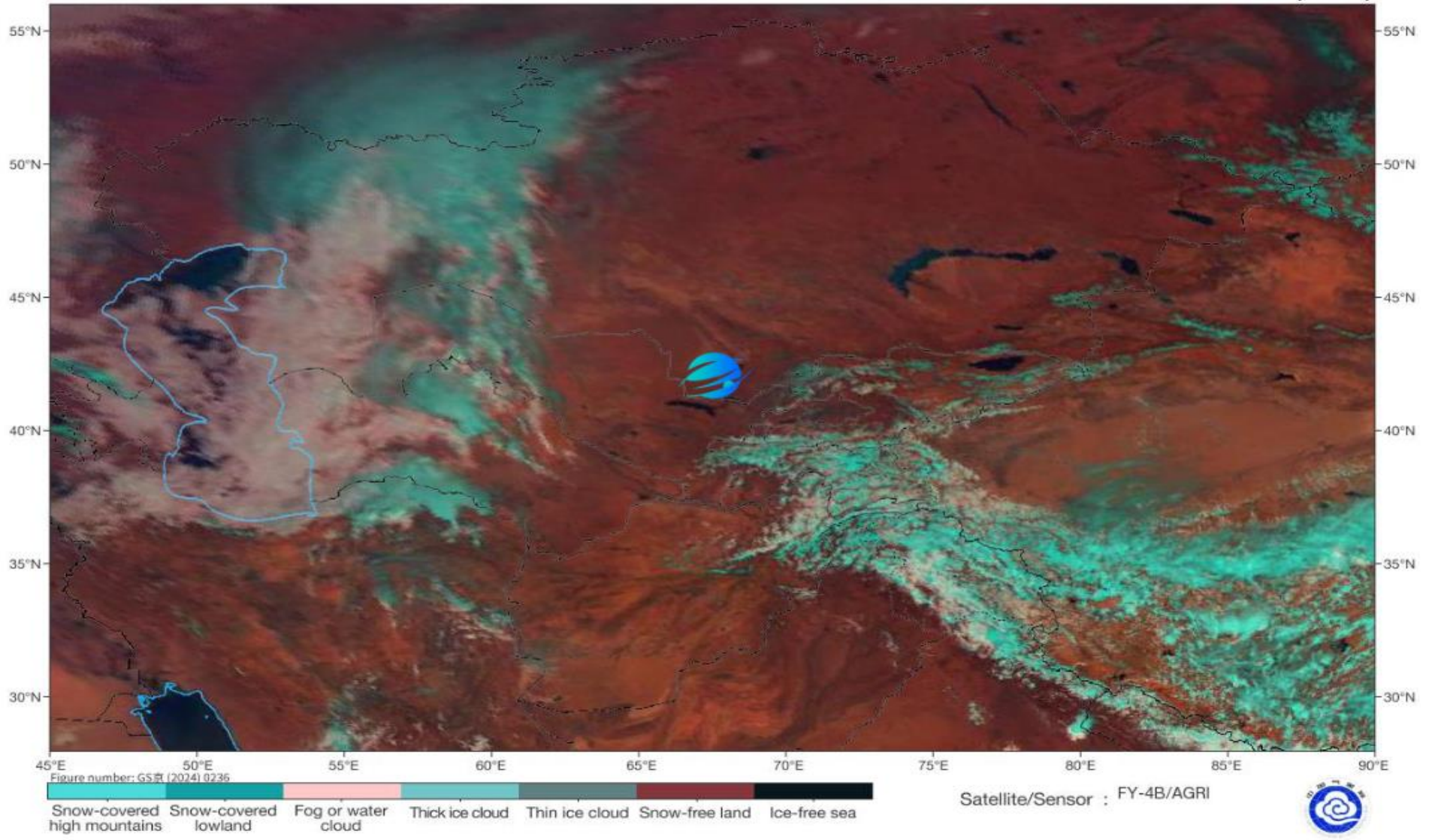
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

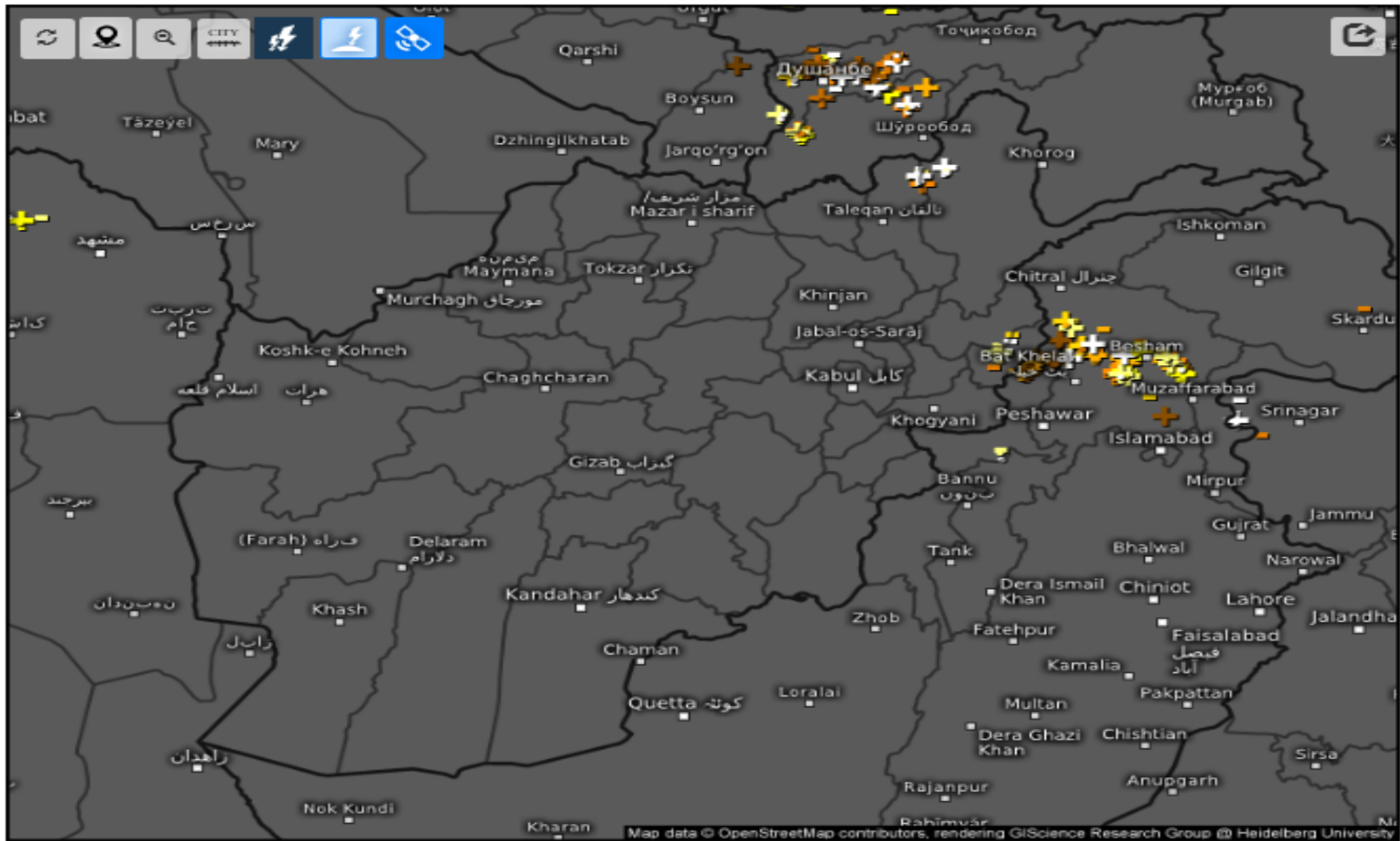
30-04-2026/(0445 to 0512) GMT
30-04-2026/(1015 to 1042) IST



Fog Identification

2026-04-30 05:30(UTC)





Age of lightning (minutes)

Thu 04/30/2026, 10:15am GMT+0430

