



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



Daily reports of Satellite imagery analysis. Date & Time: 05-05-2026, 09:00 UTC

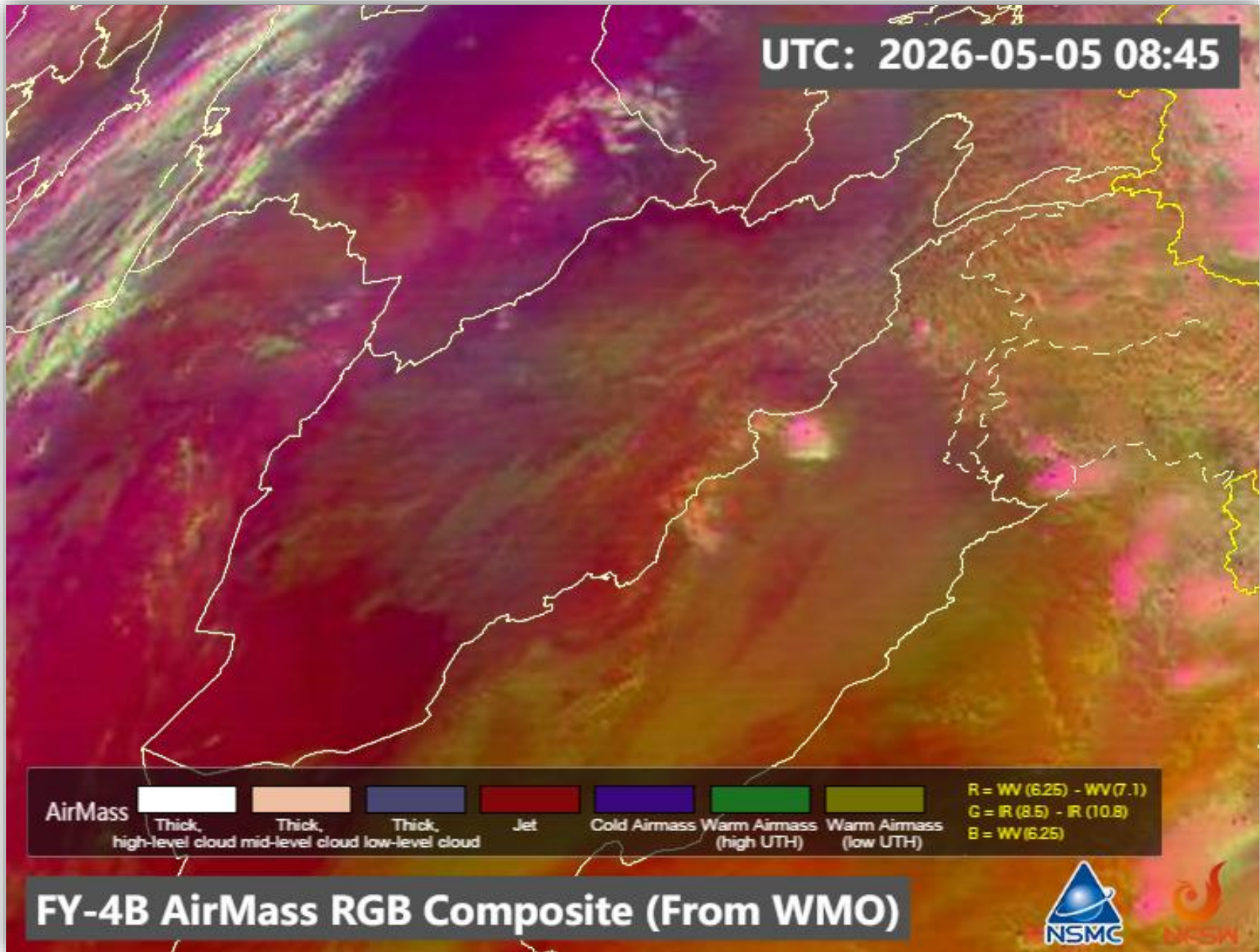
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓ moderate	X	X	
2	South	X	✓	X	X	X	✓ weak	X	X	
3	West	✓	✓	X	X	X	✓ weak	X	X	
4	East	X	X	X	X	X	✓ moderate	X	X	
5	central	✓	✓	X	X	X	✓ moderate	X	X	
6	Northeast	X	X	X	X	X	✓ moderate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

Details: according to satellite imagery analysis, the northern, western and northwestern areas are cold air mass the central area is worm air mass with (High UTH). The Southern, western, central, southeastern, northwestern and southwestern areas are weak dust. The northern, eastern, central, northeastern and northwestern areas are moderate water vapor the southern, western, southeastern and southwestern areas are weak water vapor.

Reported by: Mohammad Jawed Moradi

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

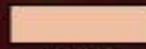
UTC: 2026-05-05 08:45



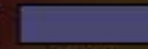
AirMass



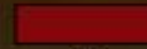
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass
(high UTH)



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

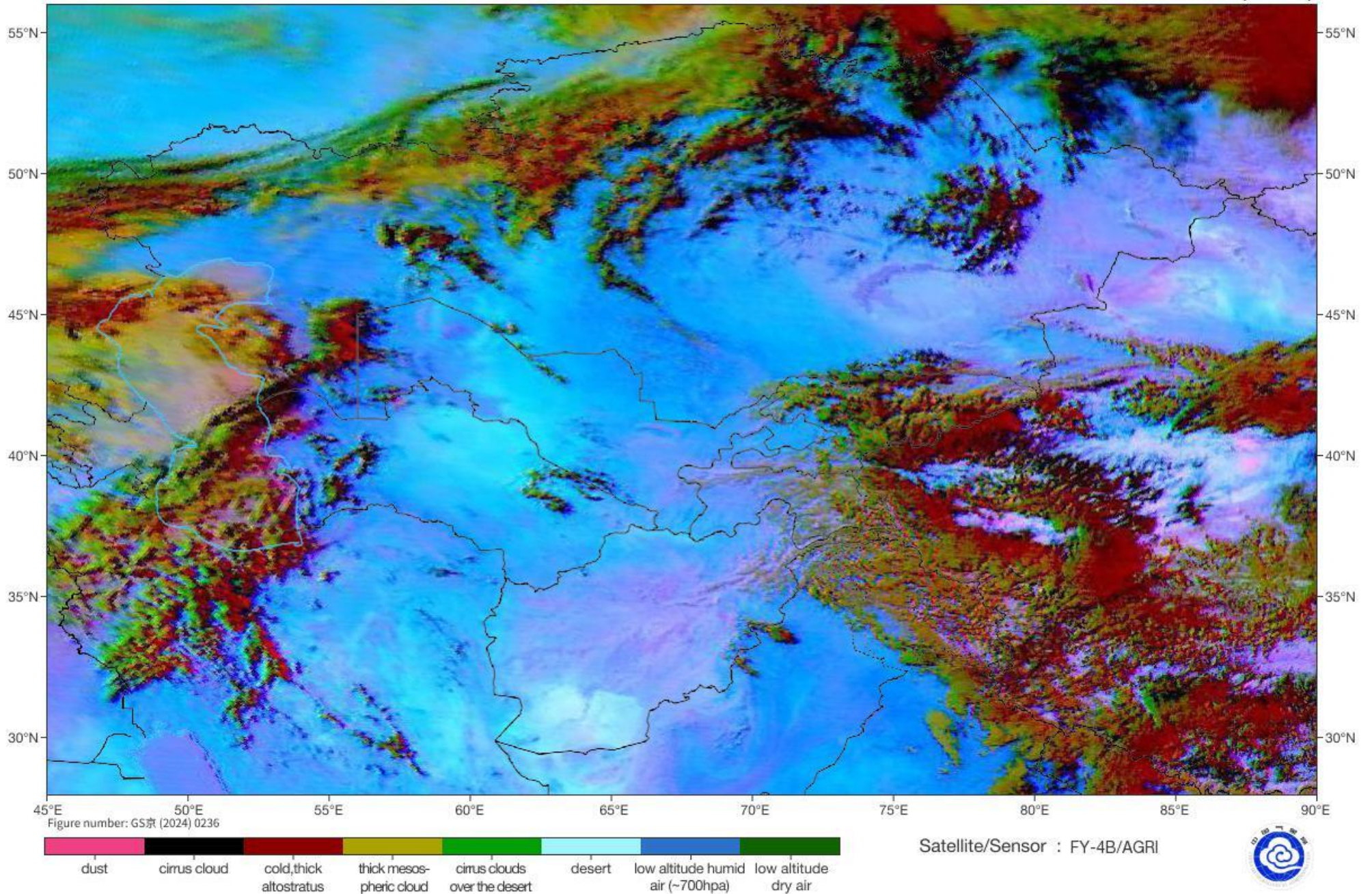
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

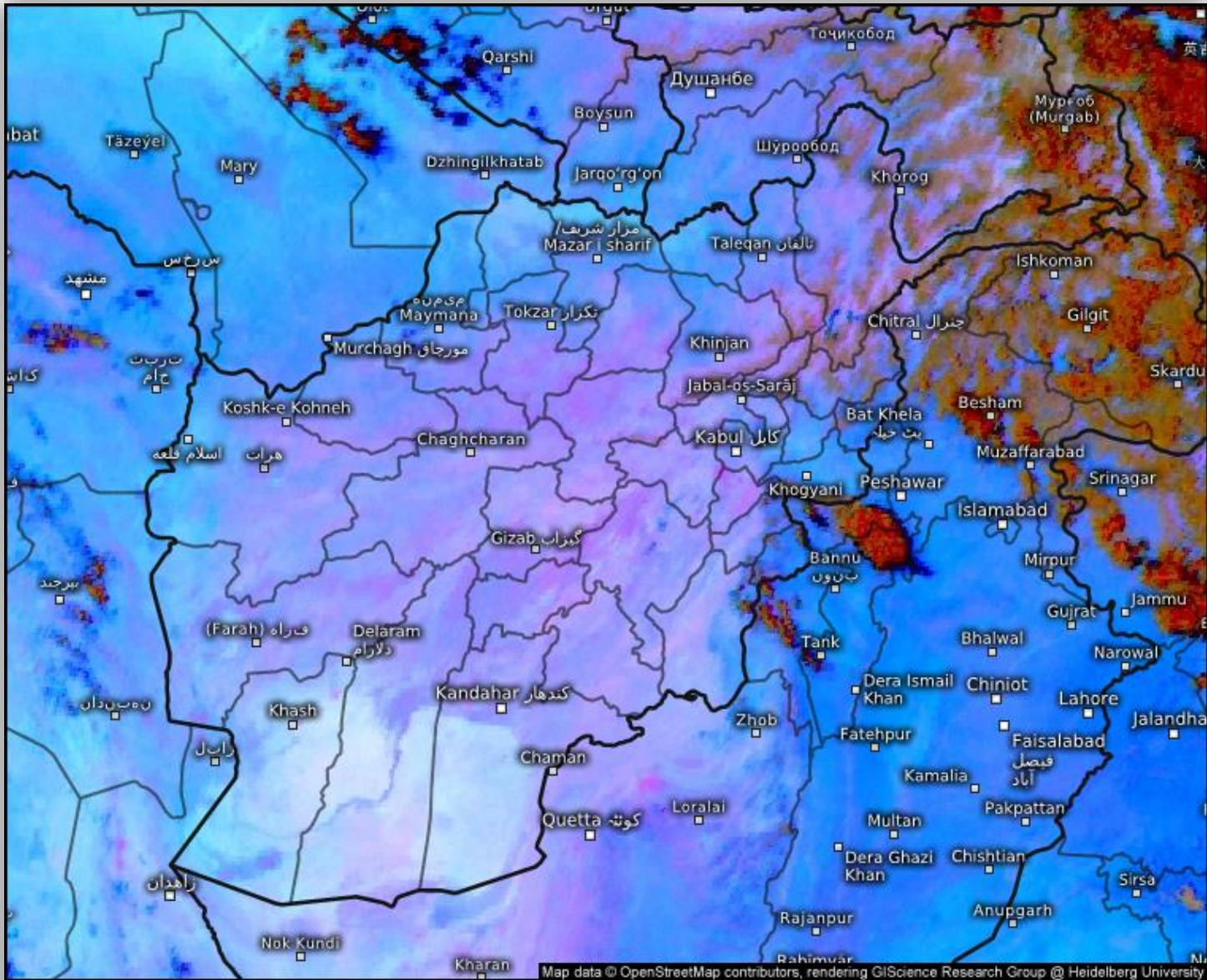
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-05-05 08:45(UTC)





Satellite Dust

Tue 05/05/2026, 01:30pm GMT+0430

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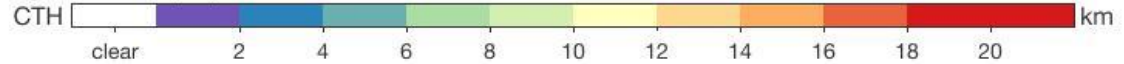
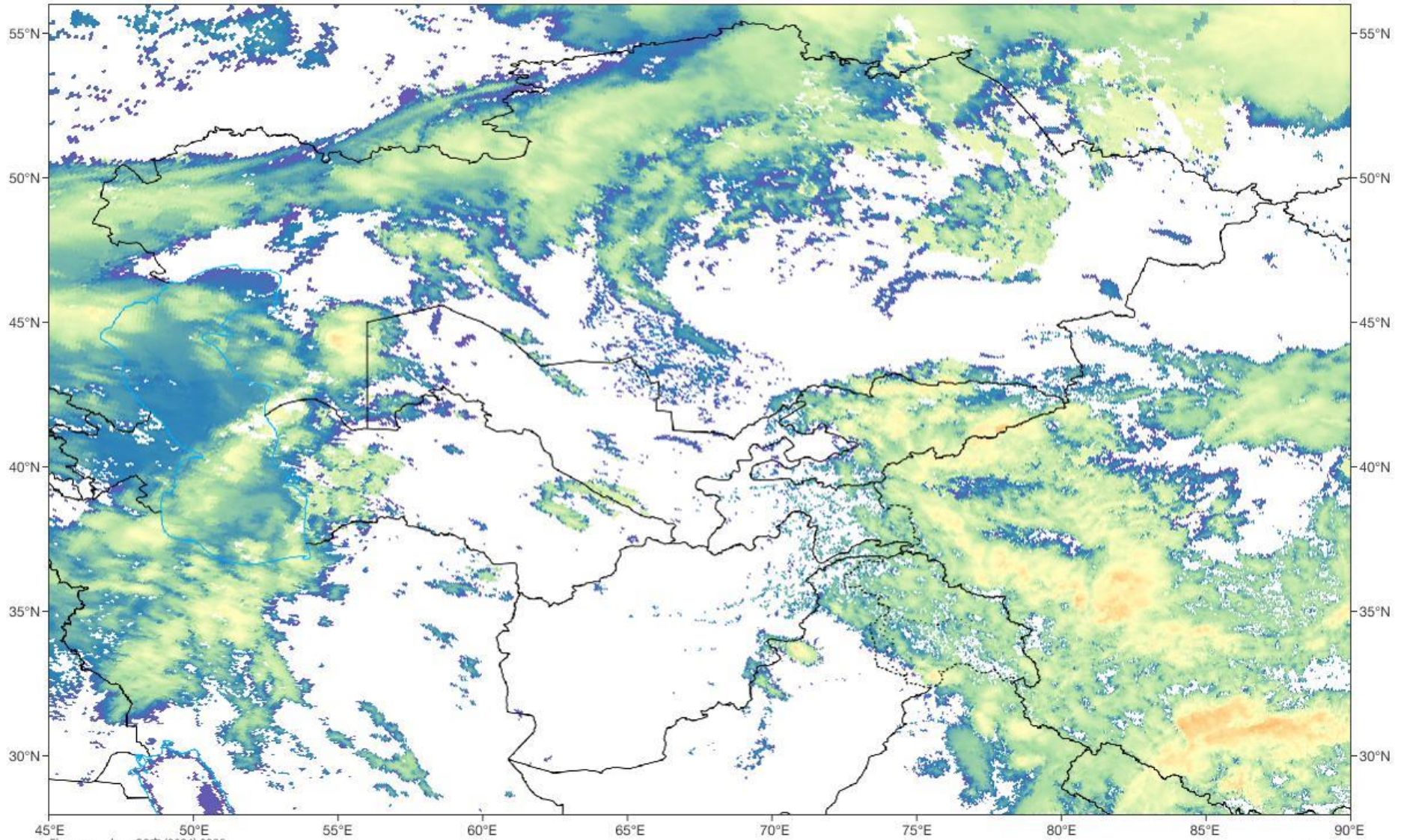
Afghanistan



Satellite data: EUMETSAT

Cloud Top Height

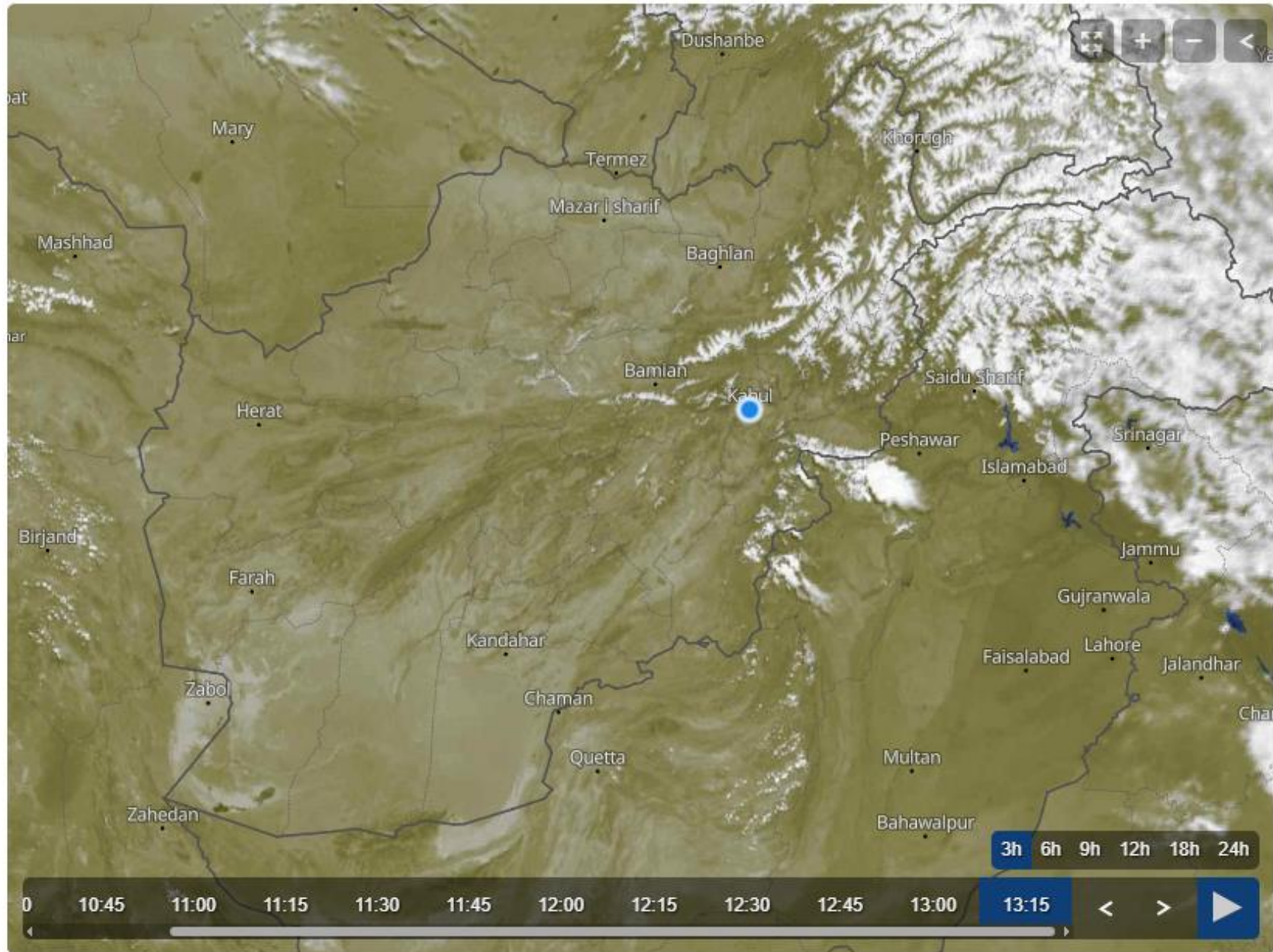
2026-05-05 08:45(UTC)



Satellite/Sensor : FY-4B/AGRI

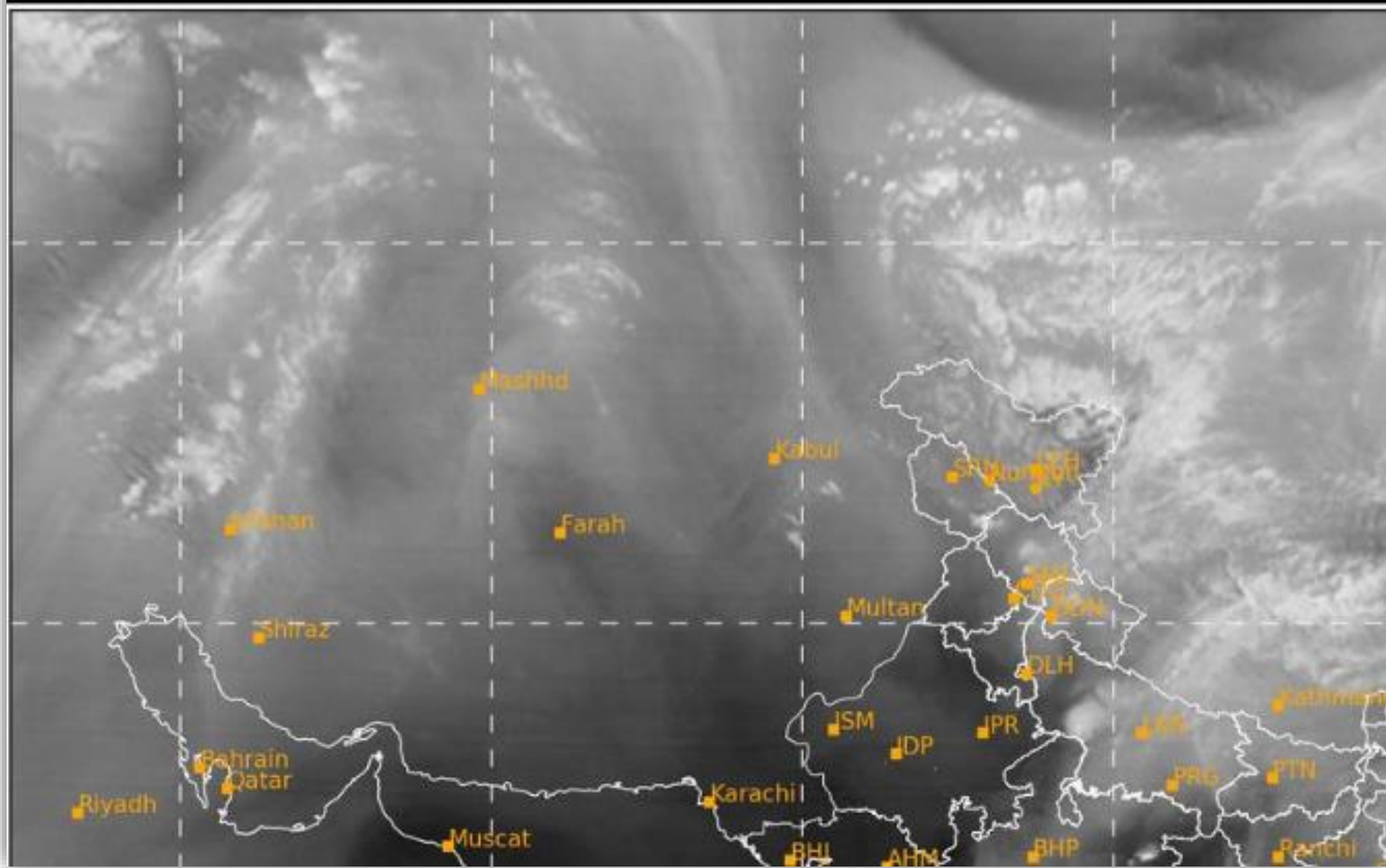


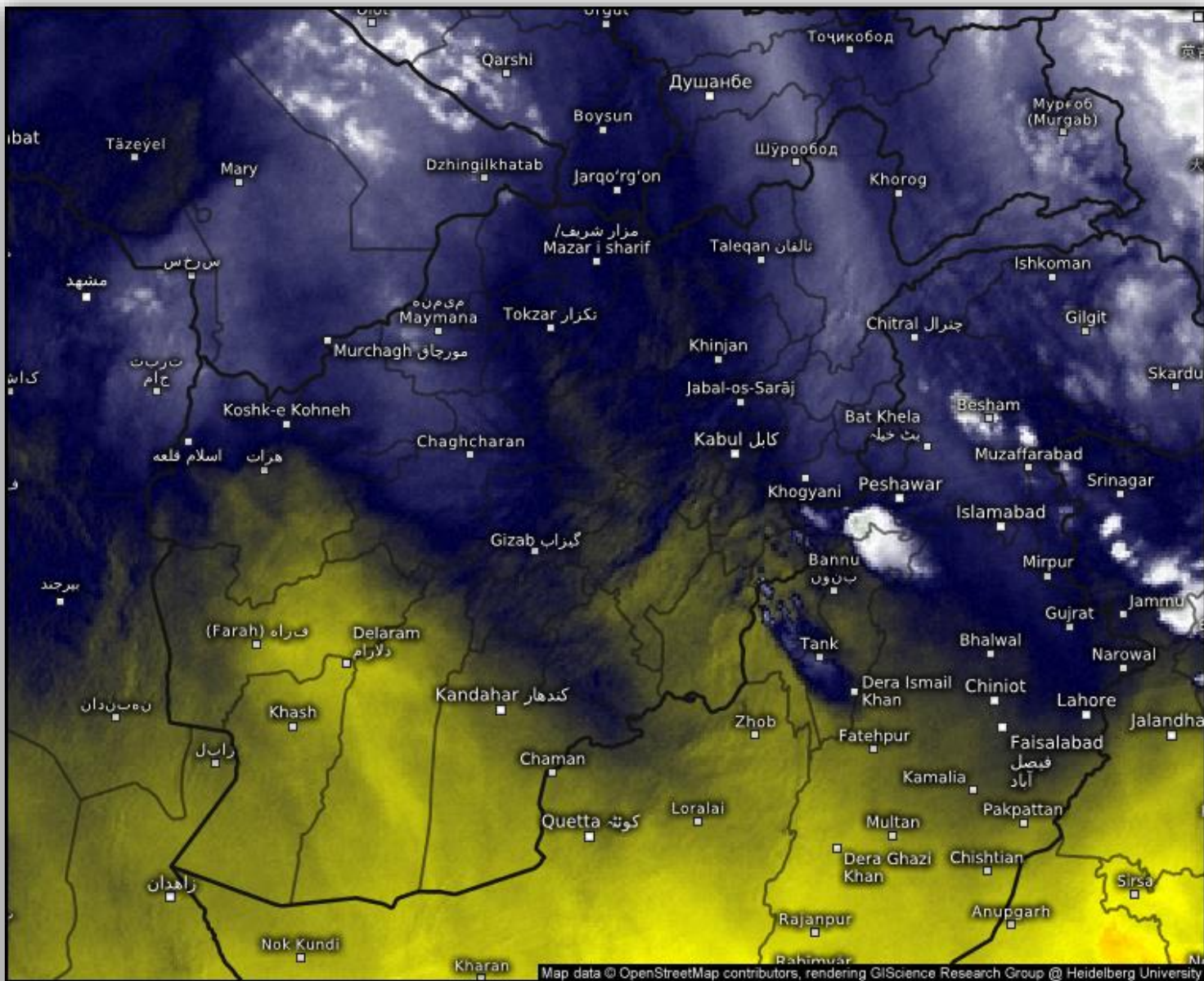
Live satellite map, Afghanistan



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

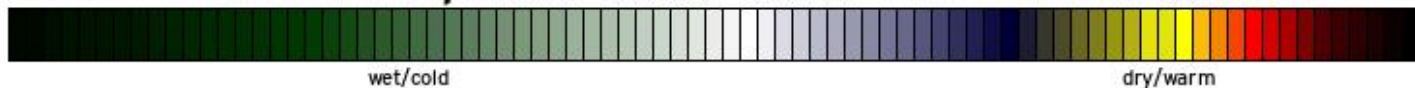
05-05-2026/(0715 to 0742) GMT
05-05-2026/(1245 to 1312) IST





Satellite Water Vapor

Tue 05/05/2026, 01:30pm GMT+0430



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 Afghanistan



Satellite data: EUMETSAT

SAT : INSAT-3DR IMG
Visible Count 0.65 um
LIC Mercator

05-05-2026/(0715 to 0742) GMT
05-05-2026/(1245 to 1312) IST

