



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



Daily reports of Satellite imagery analysis. Date & Time: 21-04-2026, 09:00 UTC

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

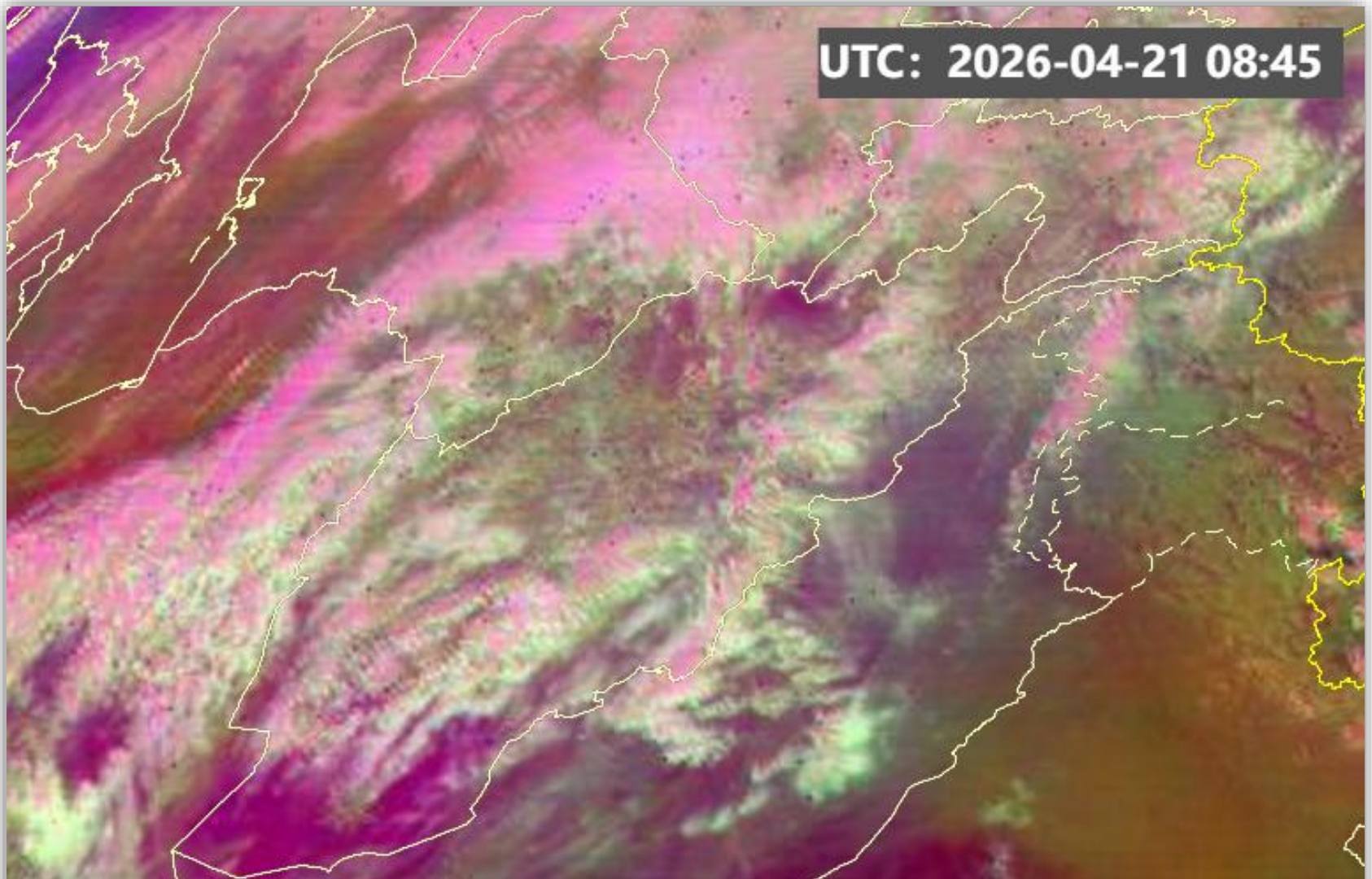
Details: according to satellite imagery analysis, the northern, southern, western and southwestern areas are cold air mass. The all regions are cloudy sky.

The all regions are moderate water vapor.

Reported by: Mohammad Jawed Moradi

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

UTC: 2026-04-21 08:45



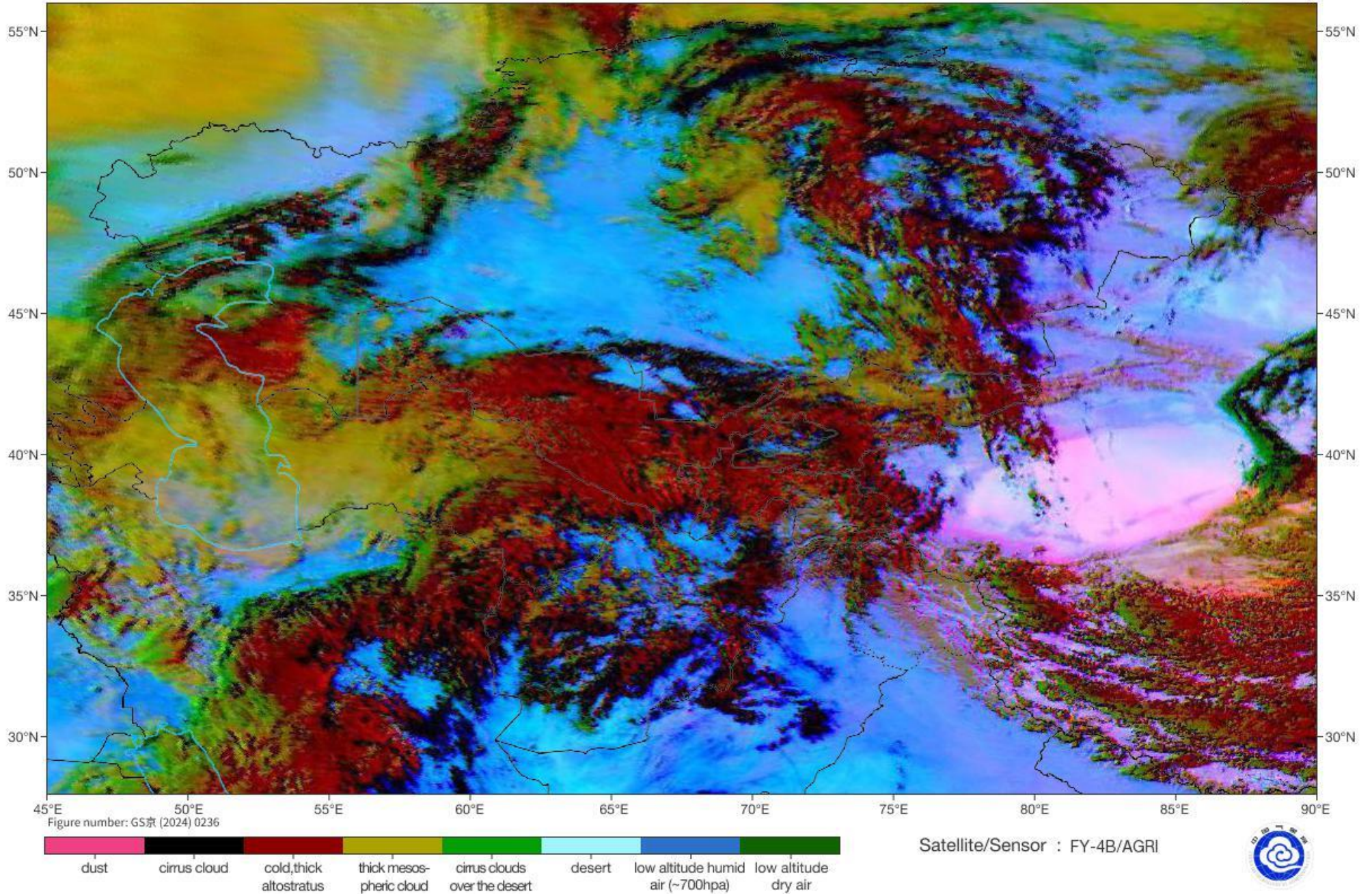
AirMass								R = WV (6.25) - WV (7.1)
	Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)	G = IR (8.5) - IR (10.8)
								B = WV (6.25)

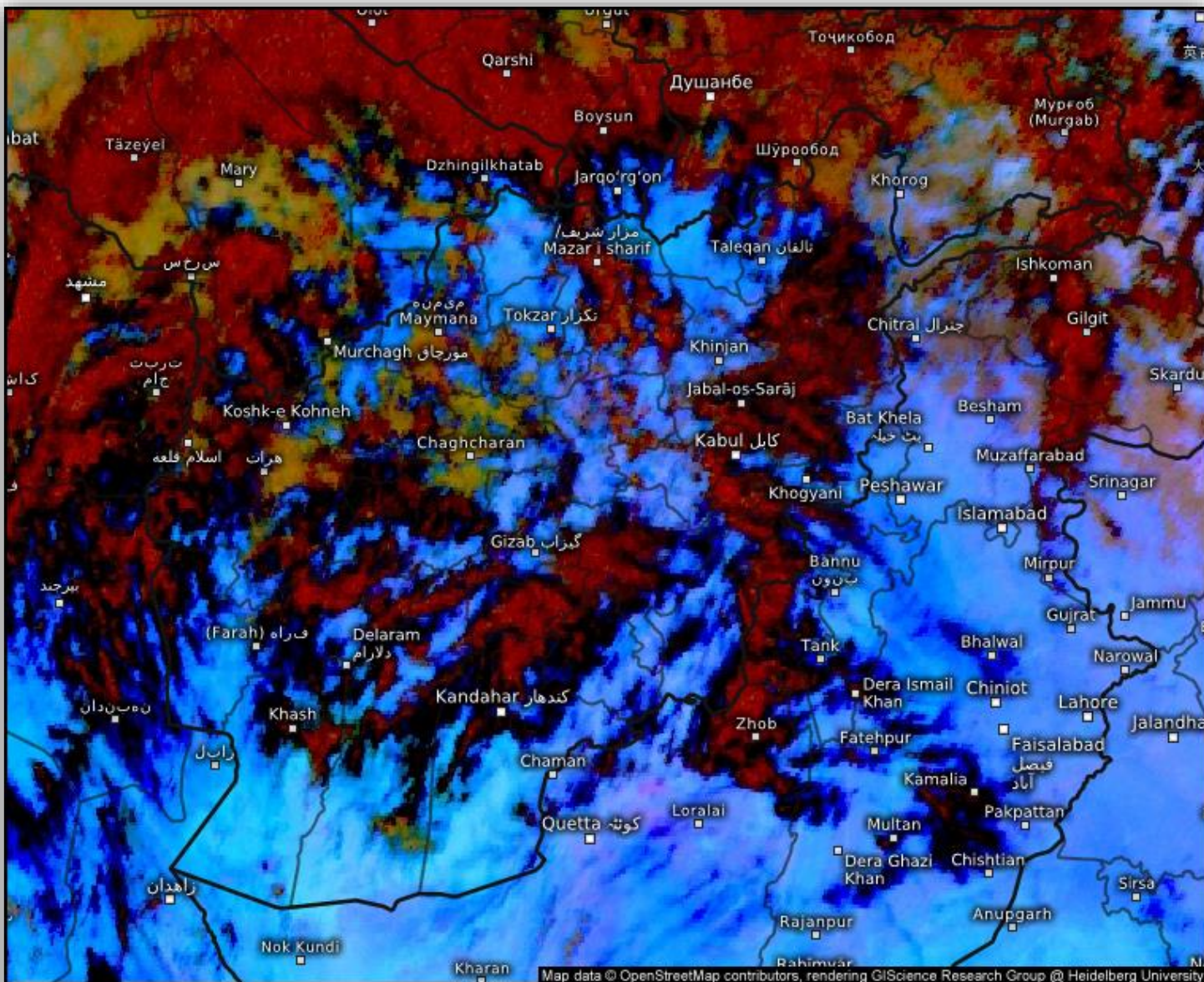
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-04-21 09:00(UTC)





Satellite Dust

Tue 04/21/2026, 01:30pm GMT+0430

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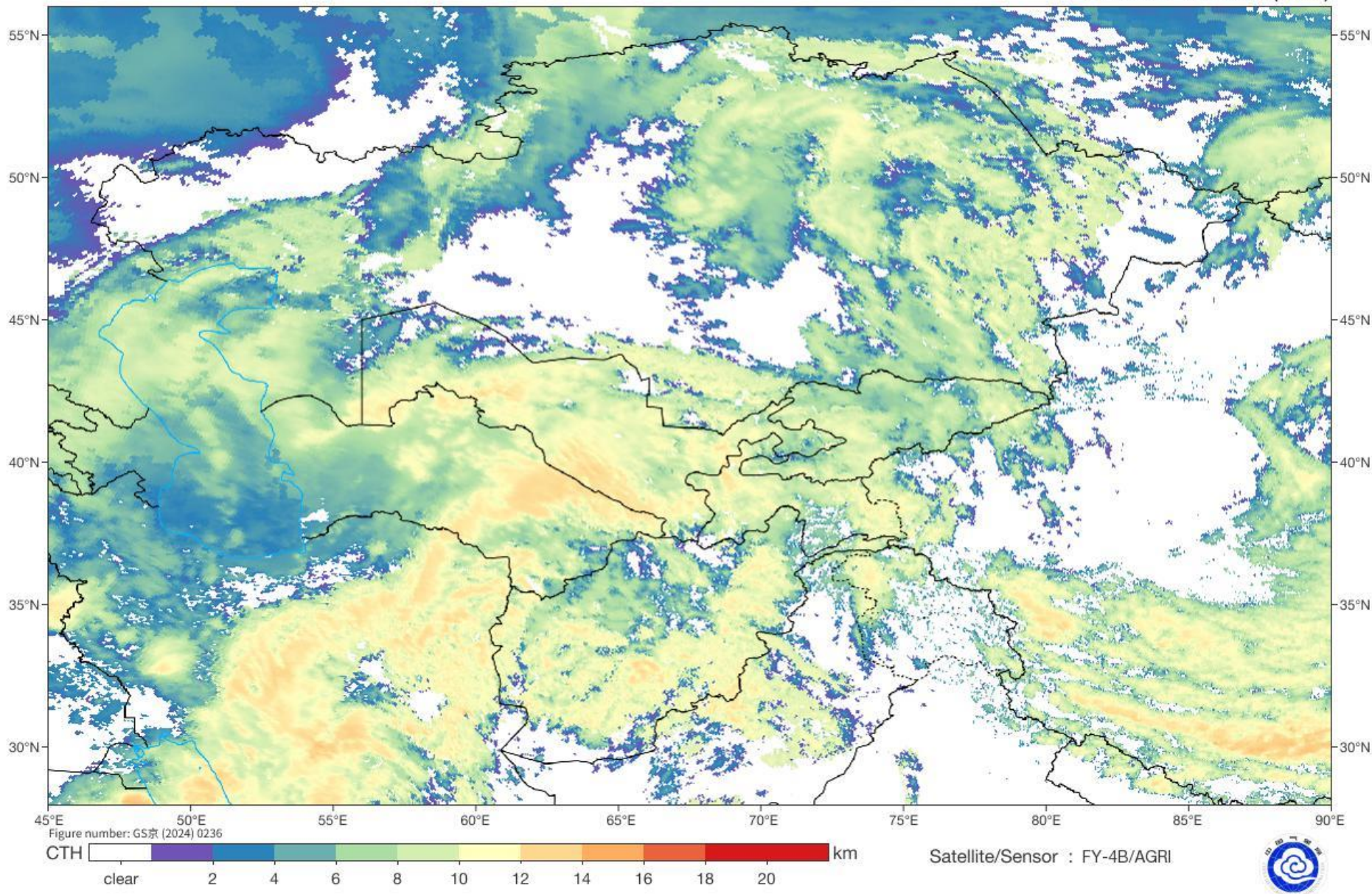
Afghanistan



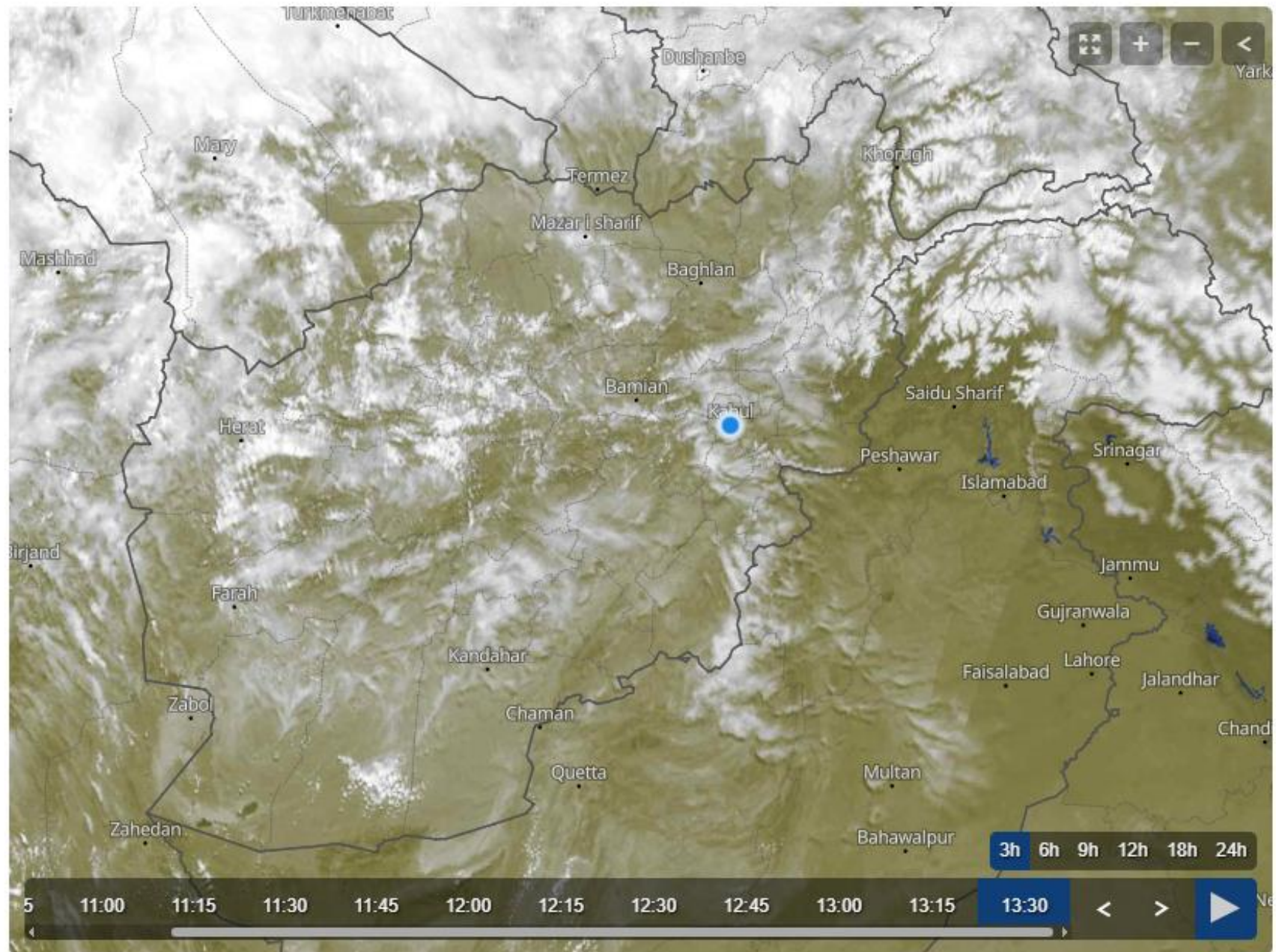
Satellite data: EUMETSAT

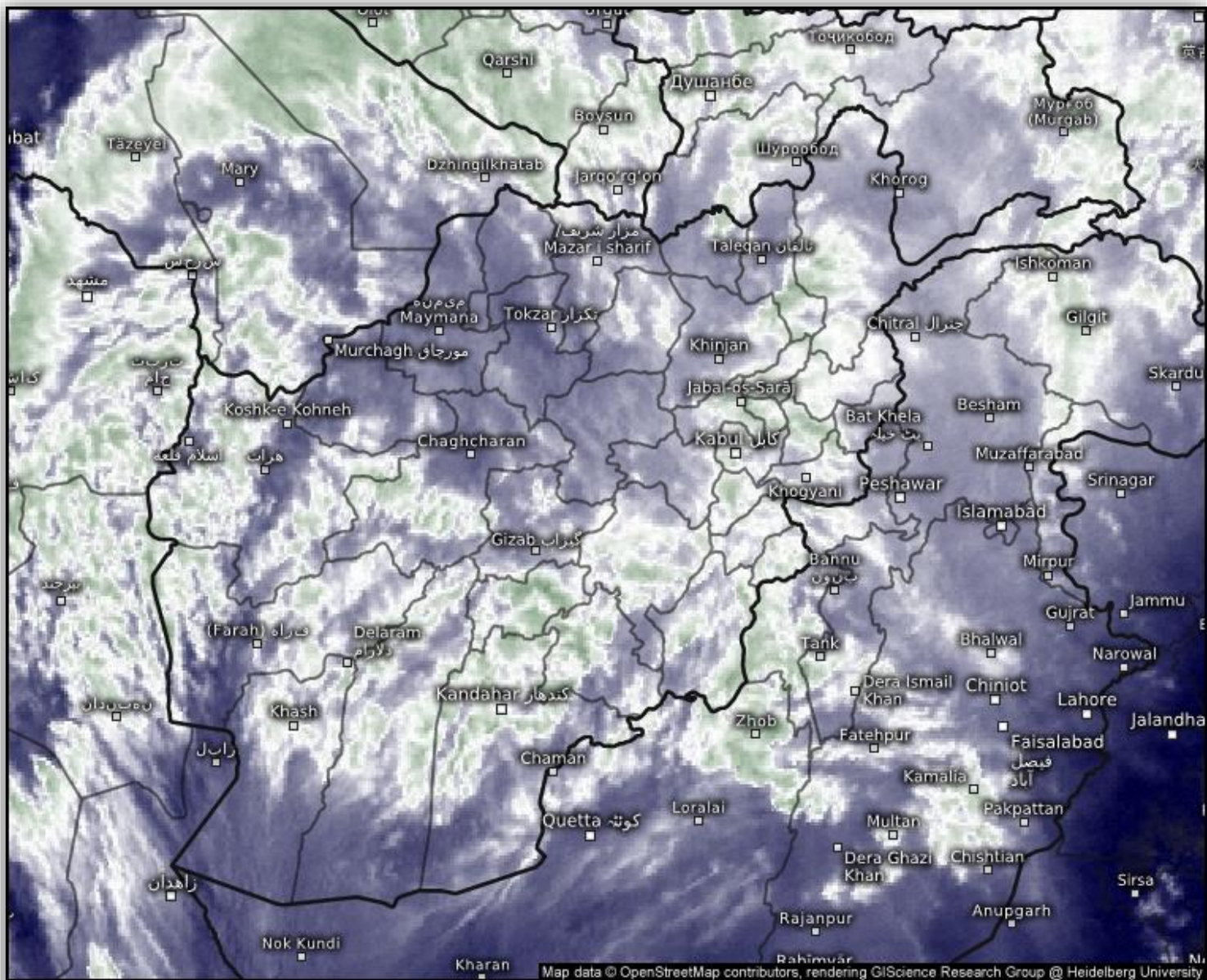
Cloud Top Height

2026-04-21 09:00(UTC)



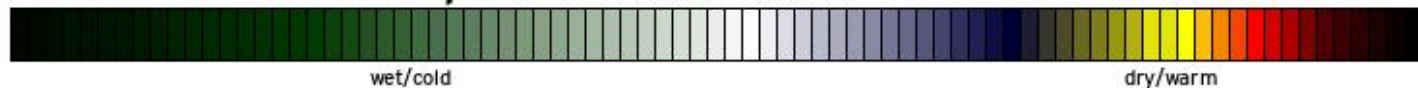
Live satellite map, Afghanistan





Satellite Water Vapor

Tue 04/21/2026, 01:30pm GMT+0430



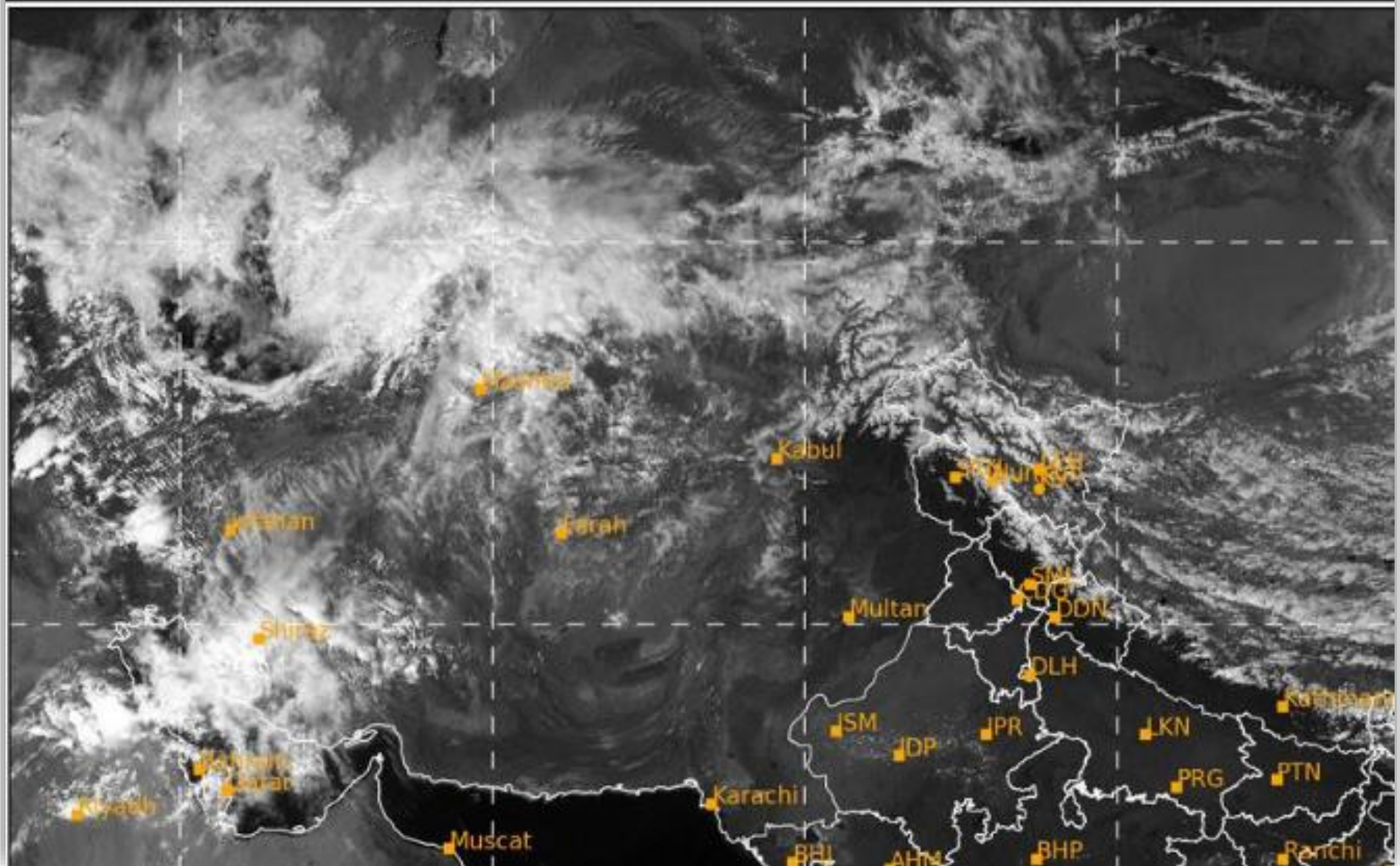
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 Afghanistan

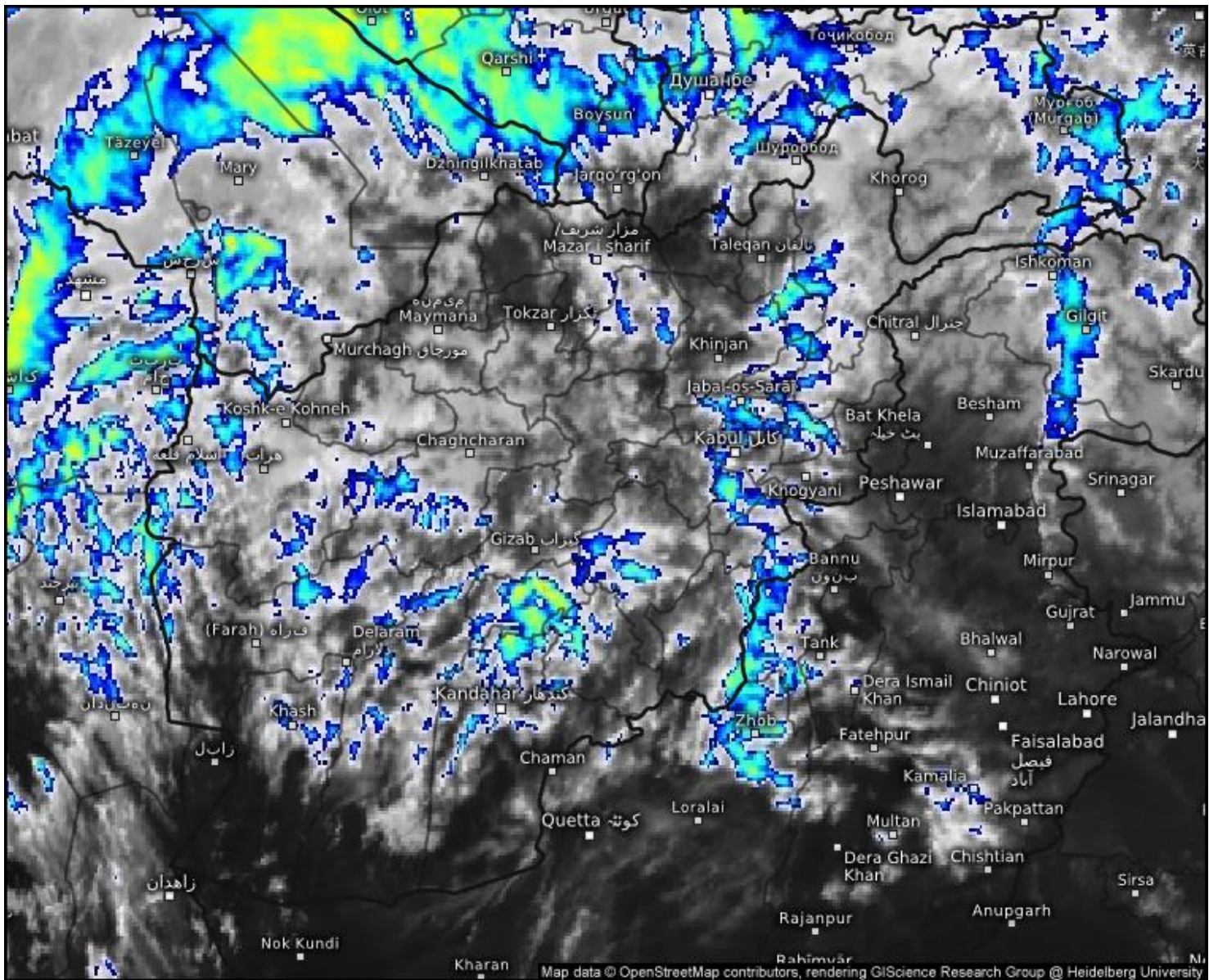


Satellite data: EUMETSAT

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

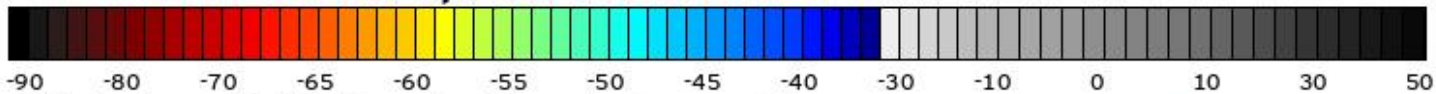
21-04-2026/(0815 to 0841) GMT
21-04-2026/(1345 to 1411) IST





Satellite Cloud Tops Alert

Tue 04/21/2026, 01:30pm GMT+0430



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 Afghanistan



Satellite data: EUMETSAT