



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



Daily reports of Satellite imagery analysis. Date & Time: 30/10/2025, 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	X	√ dry	X	X	
3	West	X	✓	X	X	X	√ weak	X	X	
4	East	X	X	X	X	X	√ weak	X	X	
5	central	✓	X	X	X	X	√ weak	X	X	
6	Northeast	✓	X	X	X	X	√ weak	X	X	
7	Southeast	X	X	X	X	X	√ weak	X	X	
8	Northwest	X	X	X	X	X	√ weak	X	X	
9	Southwest	X	X	X	X	X	√ dry	X	X	

Details: according to satellite imagery analysis the central and northeastern areas have warm air mass with (High UTH). The northern and western areas have dust. The all regions have weak water vapor which the exception of southern and southwestern areas are dry.

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

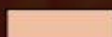
Reported by: Mohammad Jawed Moradi

UTC: 2025-10-30 05:30

AirMass



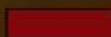
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

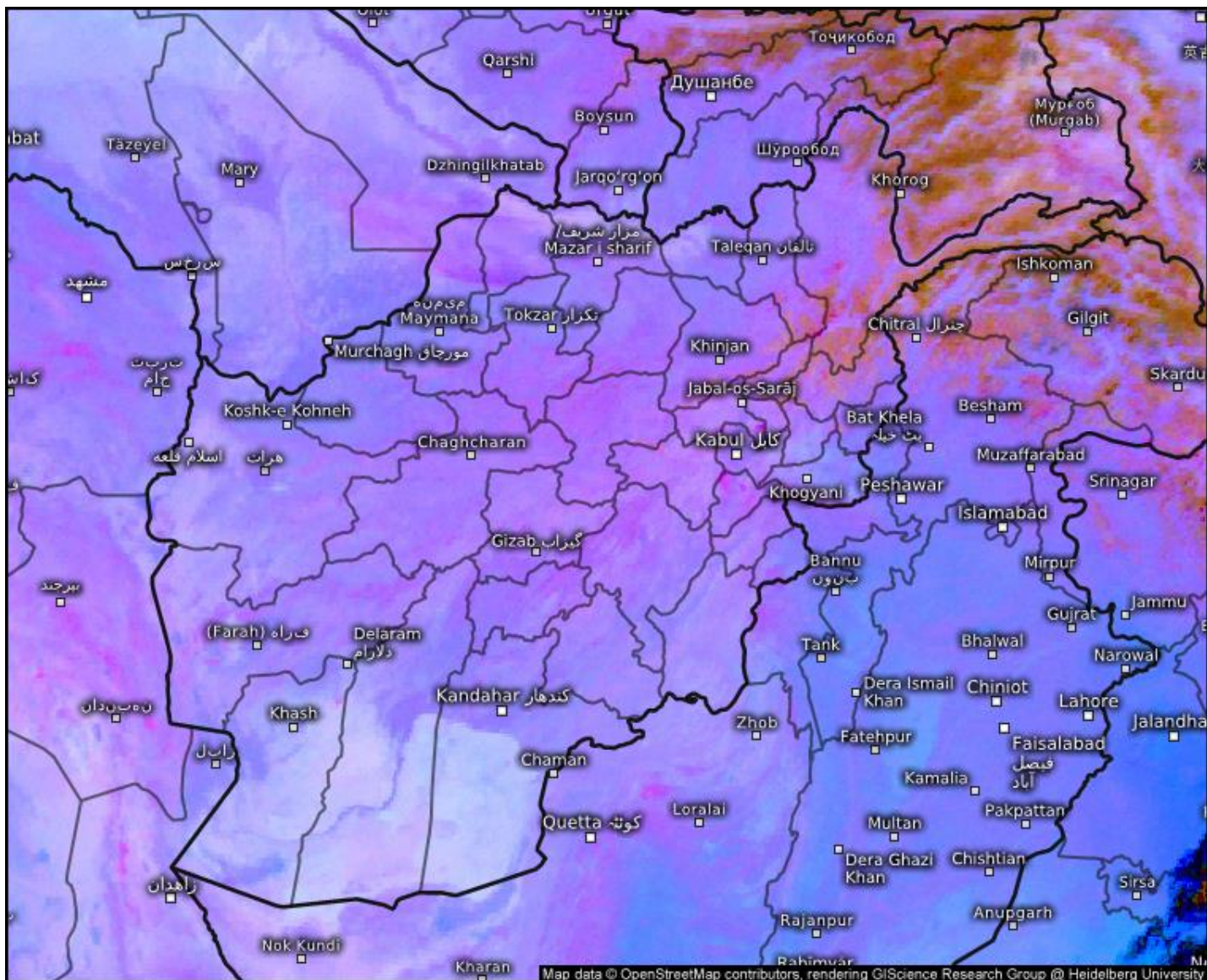
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.5)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

Thu 10/30/2025, 10:15am GMT+0430

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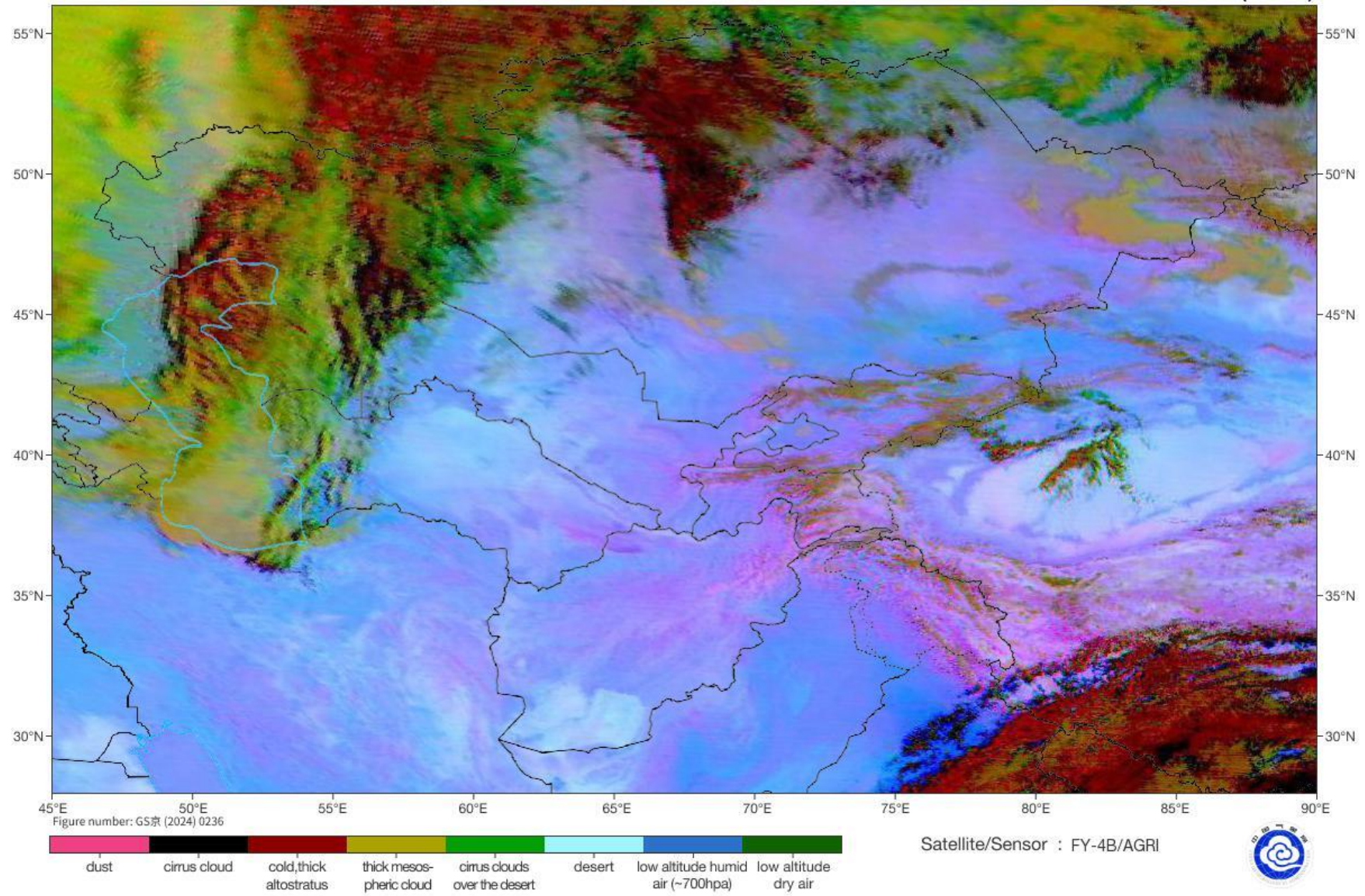
Afghanistan

meteologix.com

Satellite data: EUMETSAT

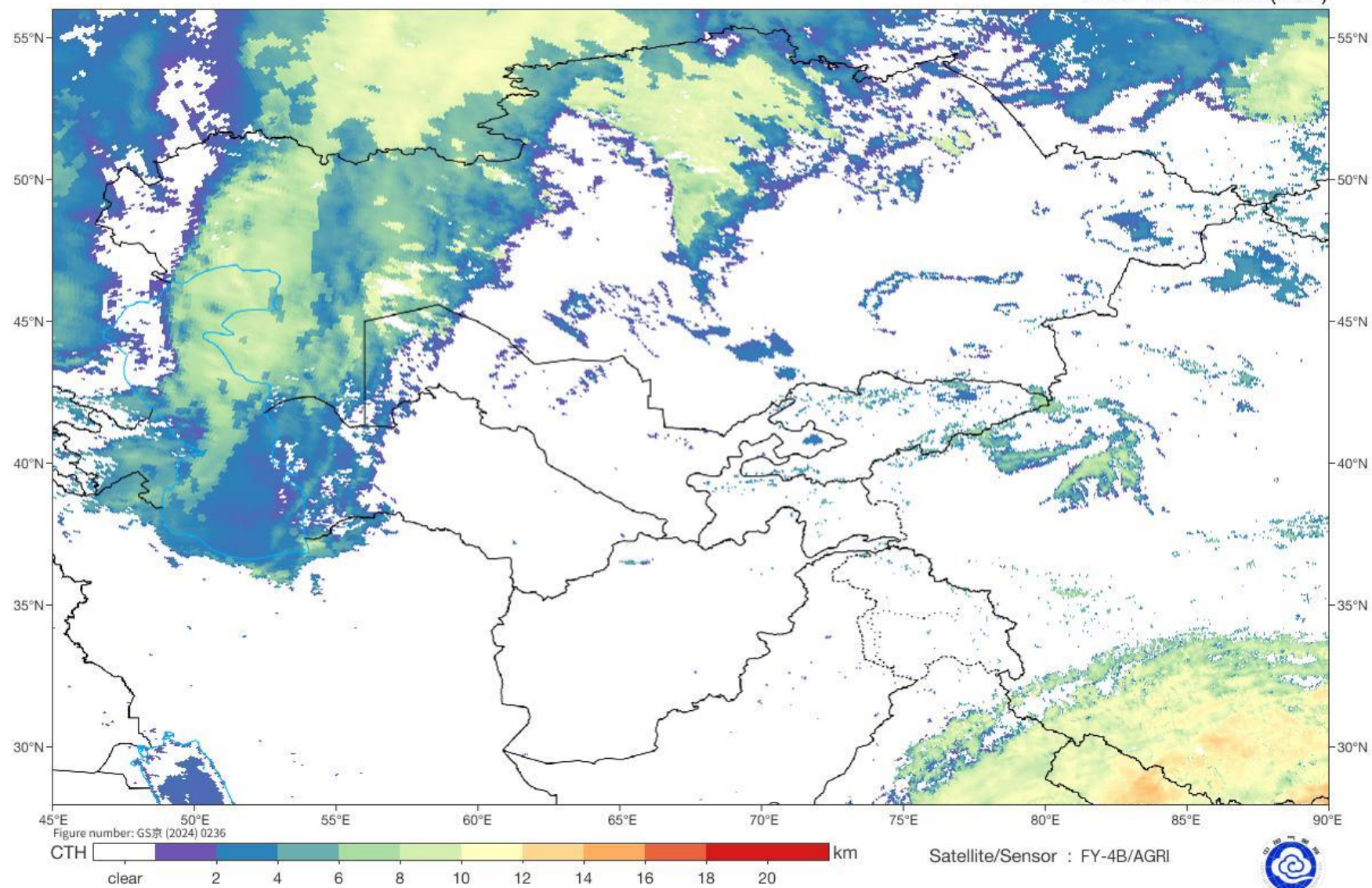
Sand And Dust Identification

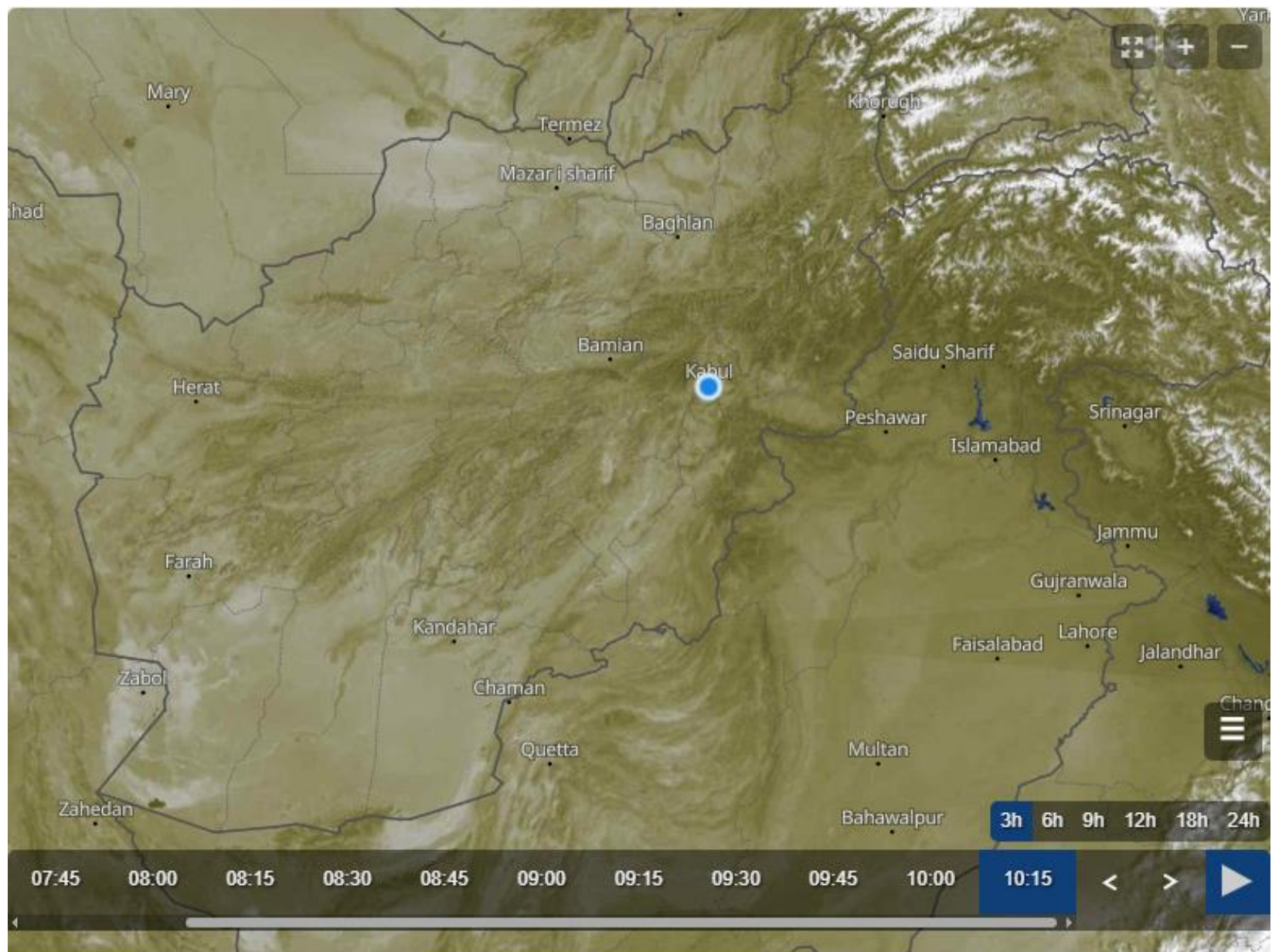
2025-10-30 05:45(UTC)

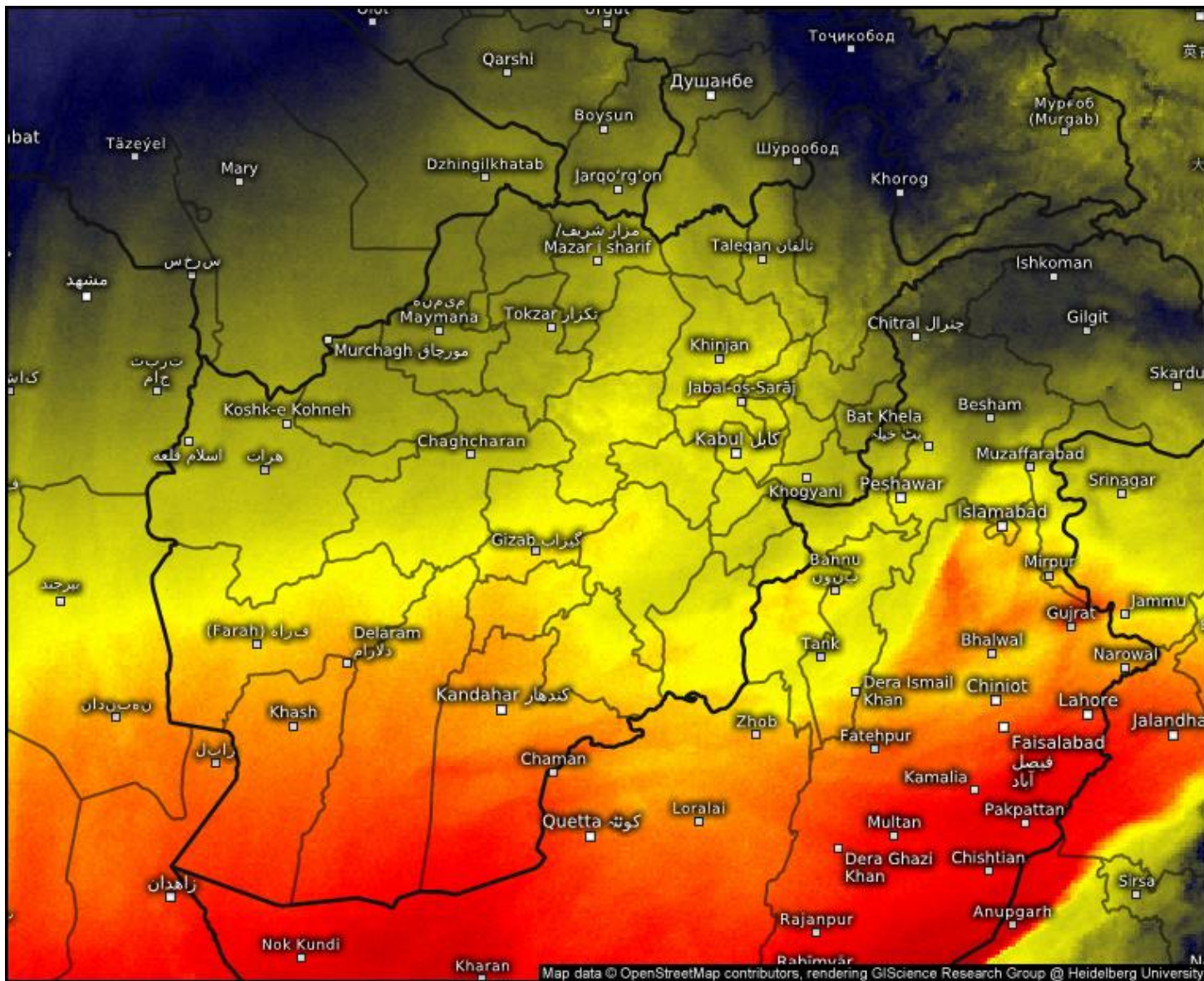


Cloud Top Height

2025-10-30 06:00(UTC)

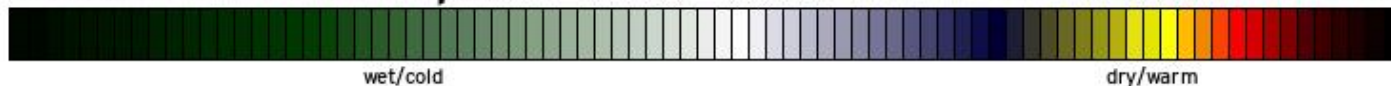






Satellite Water Vapor

Thu 10/30/2025, 10:30am GMT+0430



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Satellite data: EUMETSAT

L1C Mercator

30-10-2025/(1015 to 1042) IST

