



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



Daily reports of Satellite imagery analysis. Date & Time: 08/12/2025, 09:00 UTC

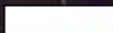
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	✓	X	√ moderate	X	X	
2	South	✓	X	X	X	X	√ moderate	X	X	
3	West	✓	✓	X	X	X	√ moderate	X	X	
4	East	X	X	X	X	X	√ moderate	X	X	
5	central	X	X	X	✓	X	√ moderate	X	X	
6	Northeast	X	X	X	✓	X	√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

Details: according to satellite imagery analysis the southern, western and southwestern areas have cold air mass the southeastern area has weak worm air mass with (High UTH). The western area has weak dust. The northern, central and northeastern areas have cloudy sky which the height of cloud is about 10 km. The all regions have moderate water vapor.

Reported by: Mohammad Jawed Moradi

UTC: 2025-12-08 08:45

AirMass



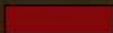
Thick,
high-level cloud



Thick,
mid-level cloud



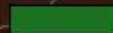
Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)

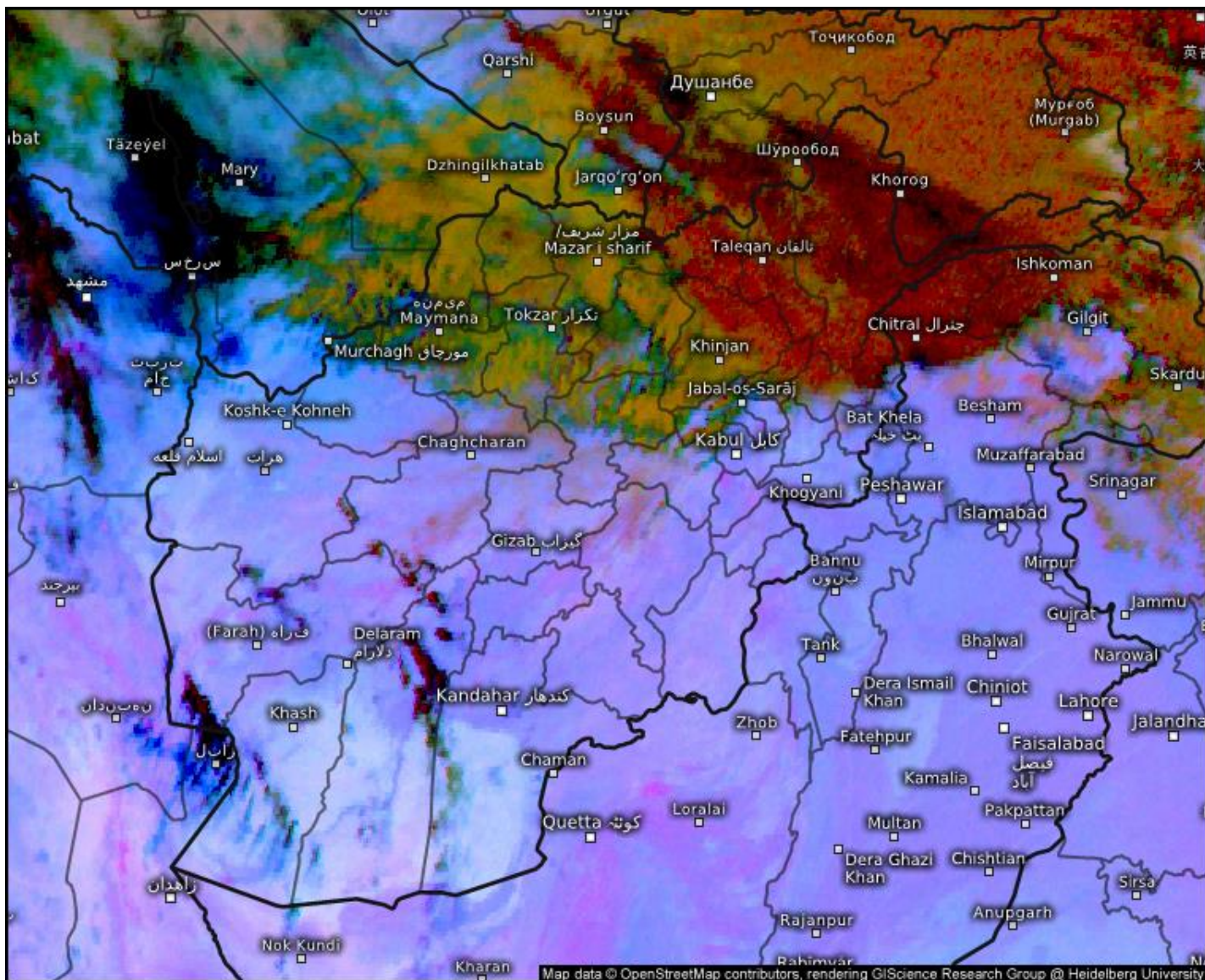


Warm Airmass
(low UTH)

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)





Satellite Dust

Mon 12/08/2025, 01:30pm GMT+0430

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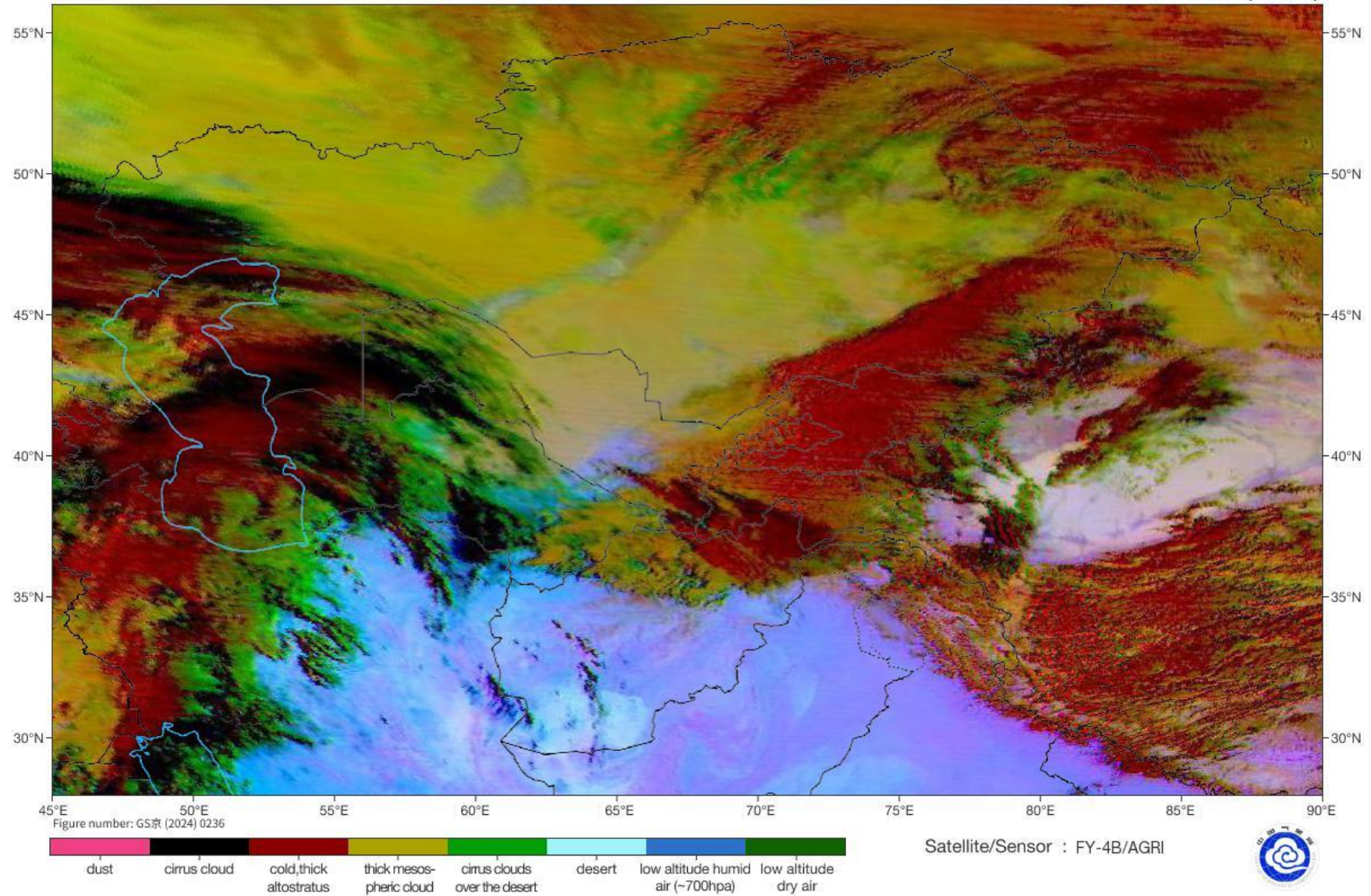
Afghanistan

meteologix.com

Satellite data: EUMETSAT

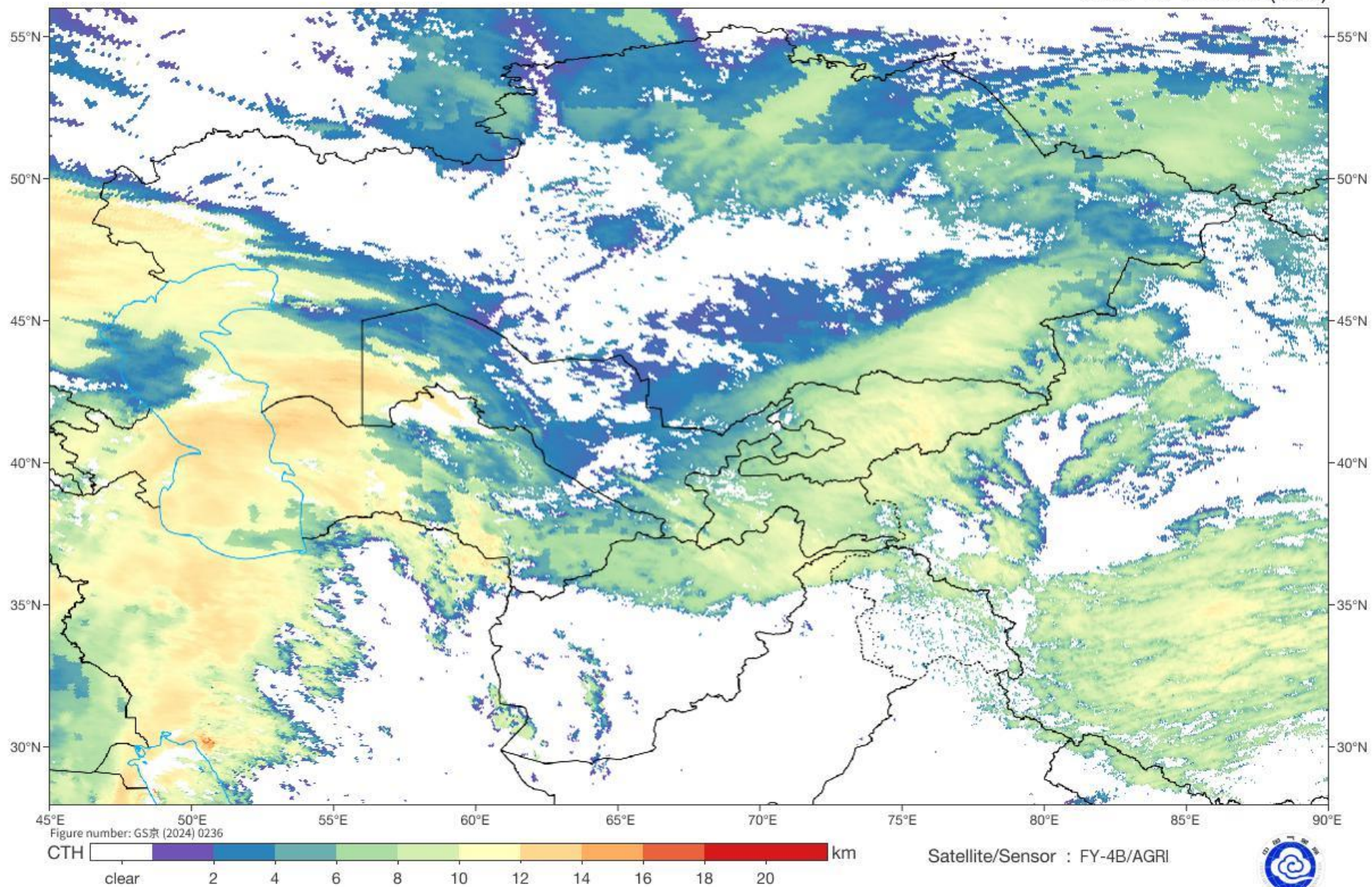
Sand And Dust Identification

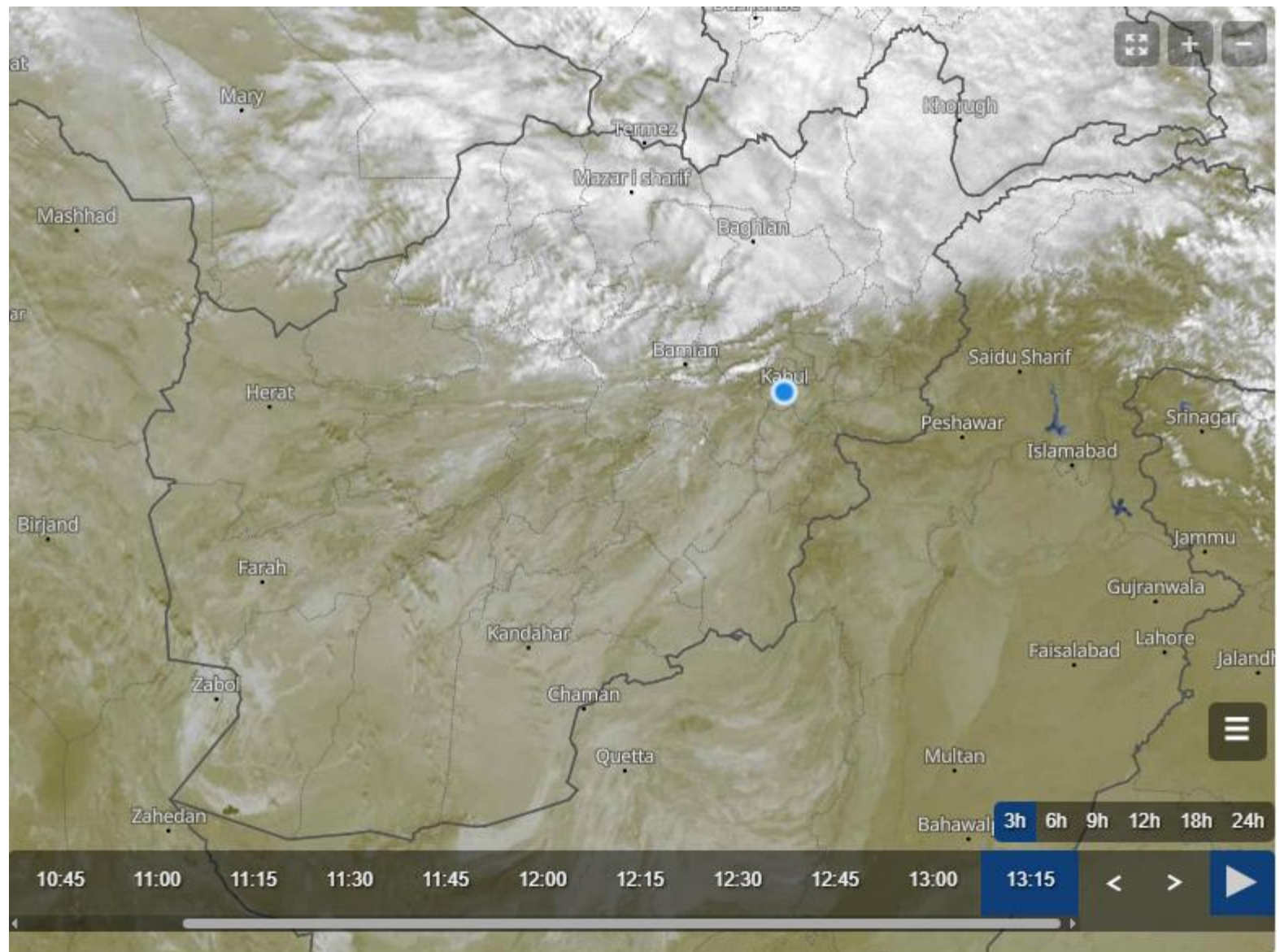
2025-12-08 08:45(UTC)

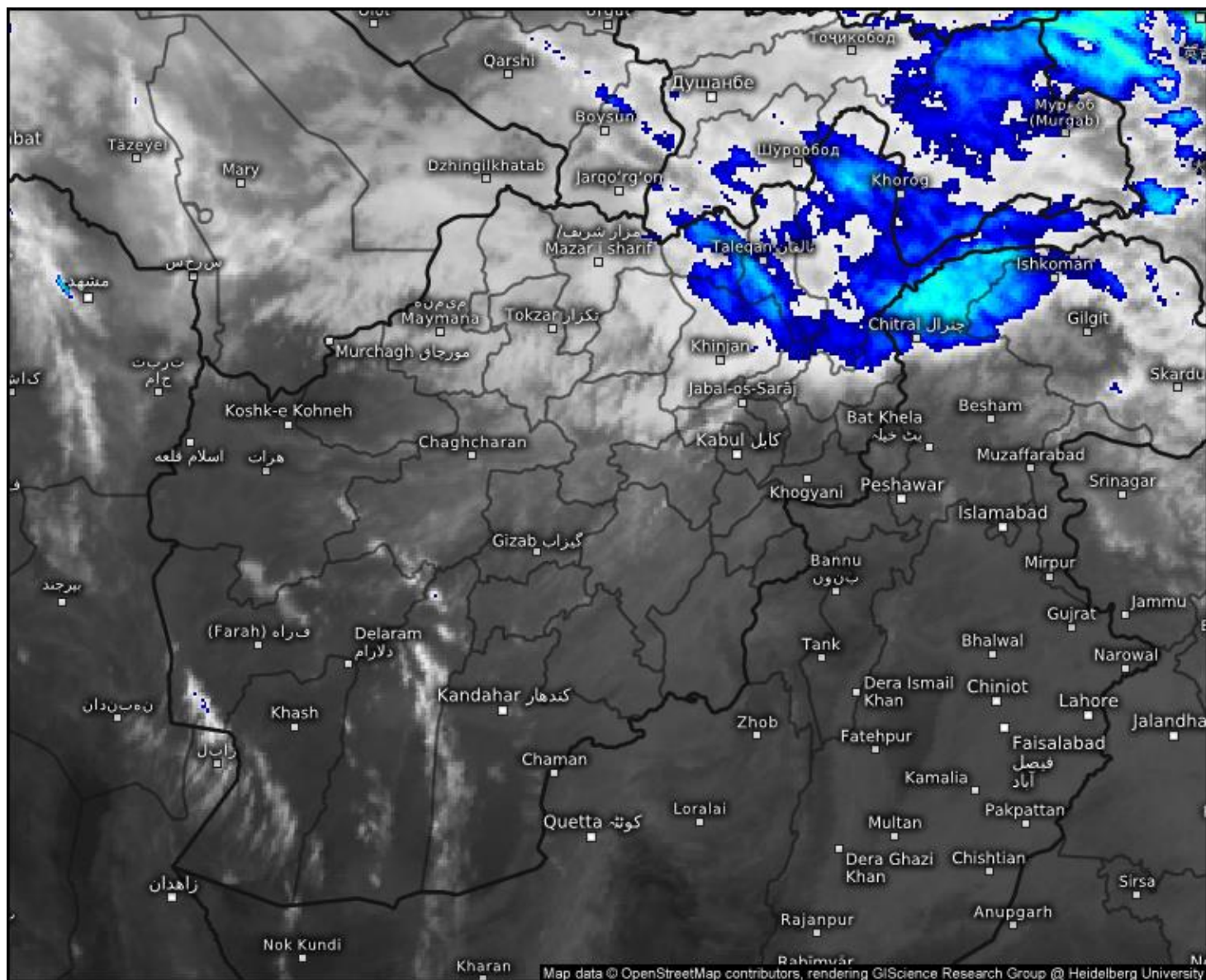


Cloud Top Height

2025-12-08 08:45(UTC)

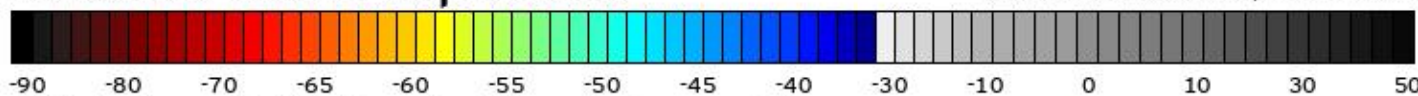






Satellite Cloud Tops Alert

Mon 12/08/2025, 01:30pm GMT+0430

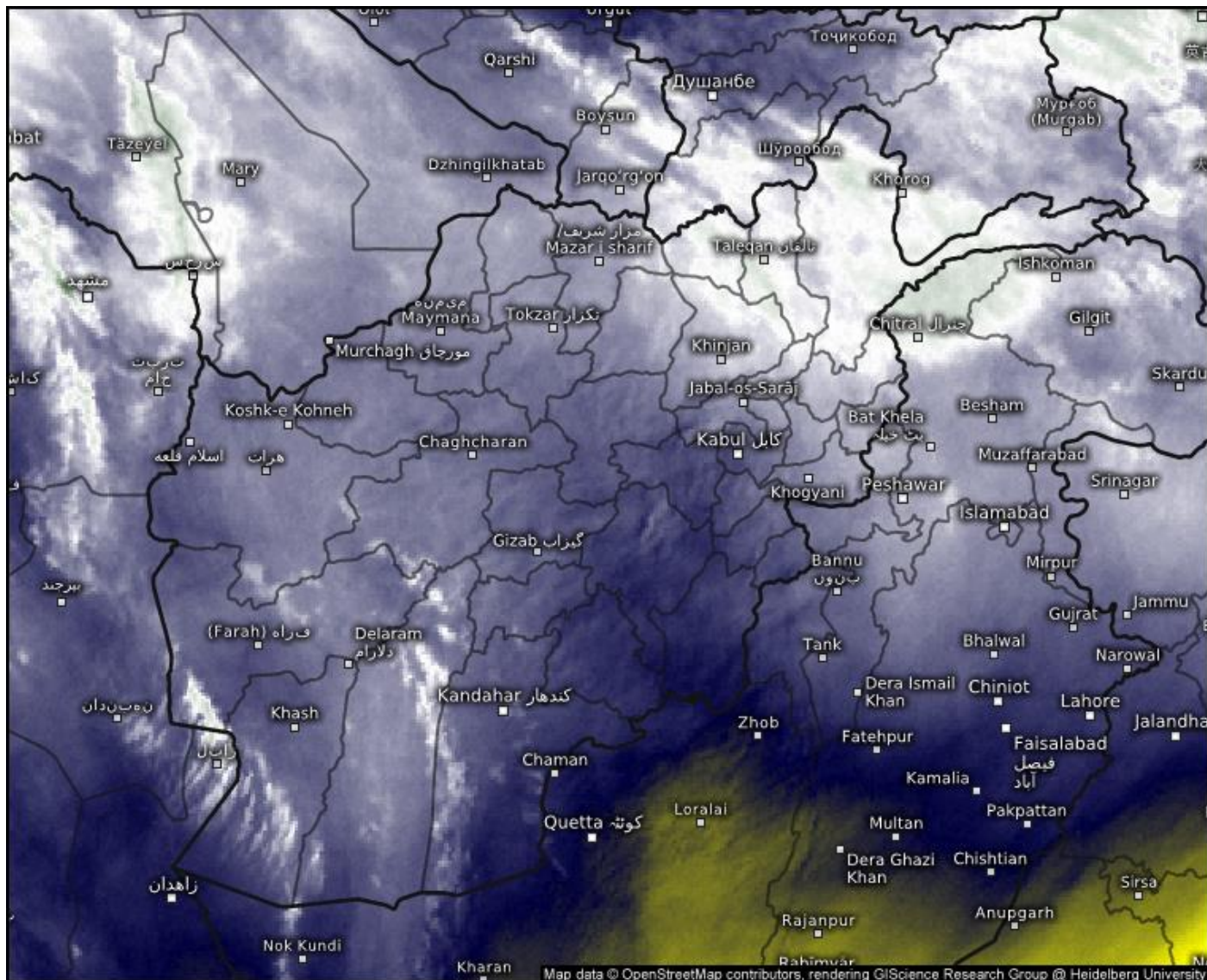


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Afghanistan

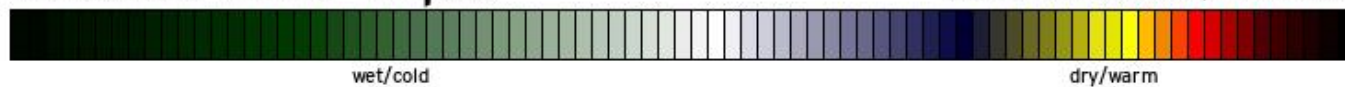
meteologix.com

Satellite data: EUMETSAT



Satellite Water Vapor

Mon 12/08/2025, 01:30pm GMT+0430



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 Afghanistan

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Satellite data: EUMETSAT

[illegible]

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

08-12-2025/(0815 to 0842) GMT
08-12-2025/(1345 to 1412) IST

