



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



Daily reports of Satellite imagery analysis. Date & Time: 02/12/2025, 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	X	√ moderate	X	X	
2	South	X	X	X	X	X	√ weak	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	X	√ moderate	X	X	
7	Southeast	✓	X	X	X	X	√ weak	X	X	
8	Northwest	X	X	X	X	X	√ moderate	X	X	
9	Southwest	X	X	X	X	X	√ weak	X	X	

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

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

Reported by: Mohammad Jawed Moradi

UTC: 2025-12-02 05:45

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

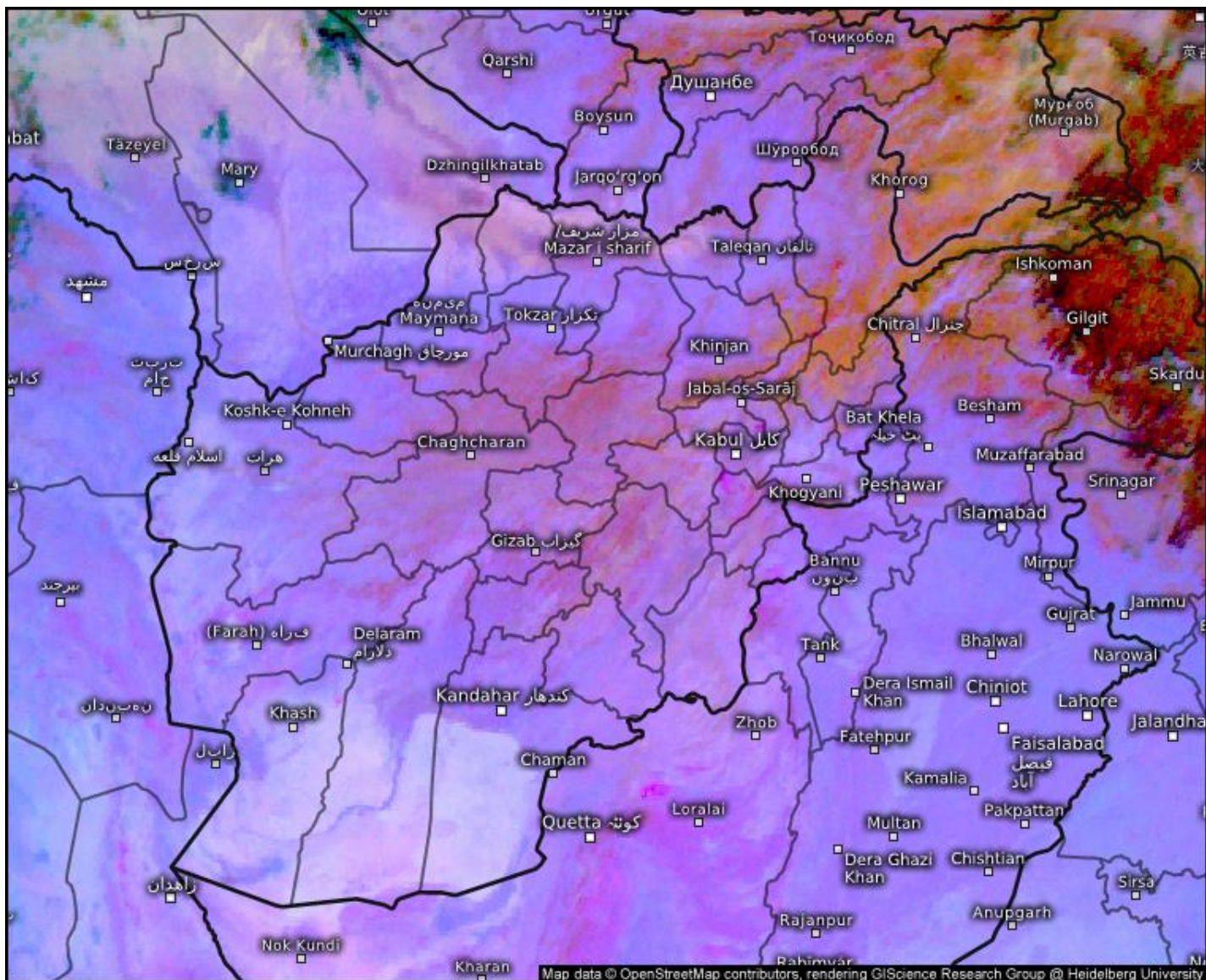
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

Tue 12/02/2025, 10:30am GMT+0430

© Kachelmann GmbH - Download for private use only!

Sharing: Please get the pic's permalink from share button top right

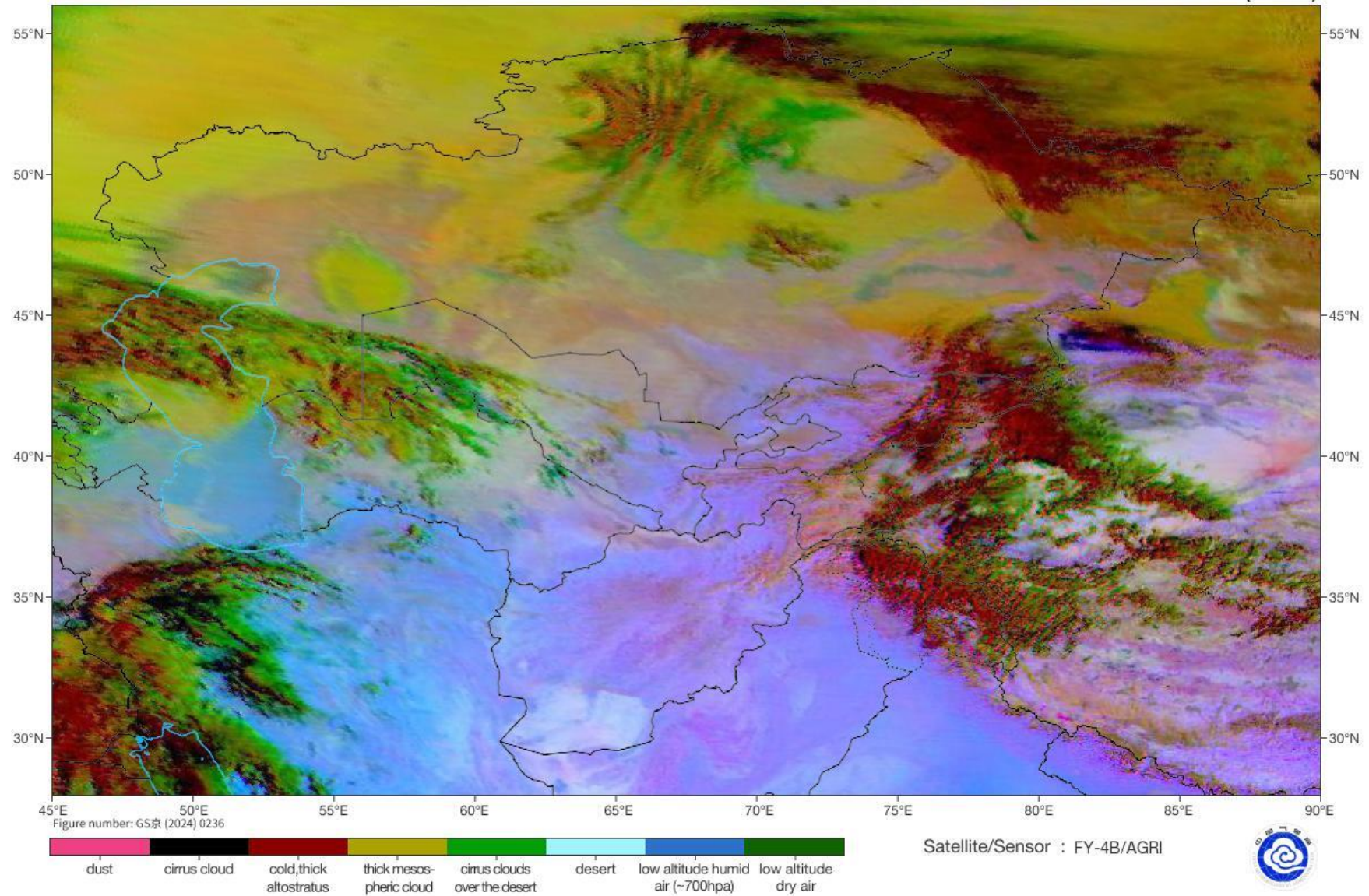
Afghanistan

 **meteologix.com**

Satellite data: EUMETSAT

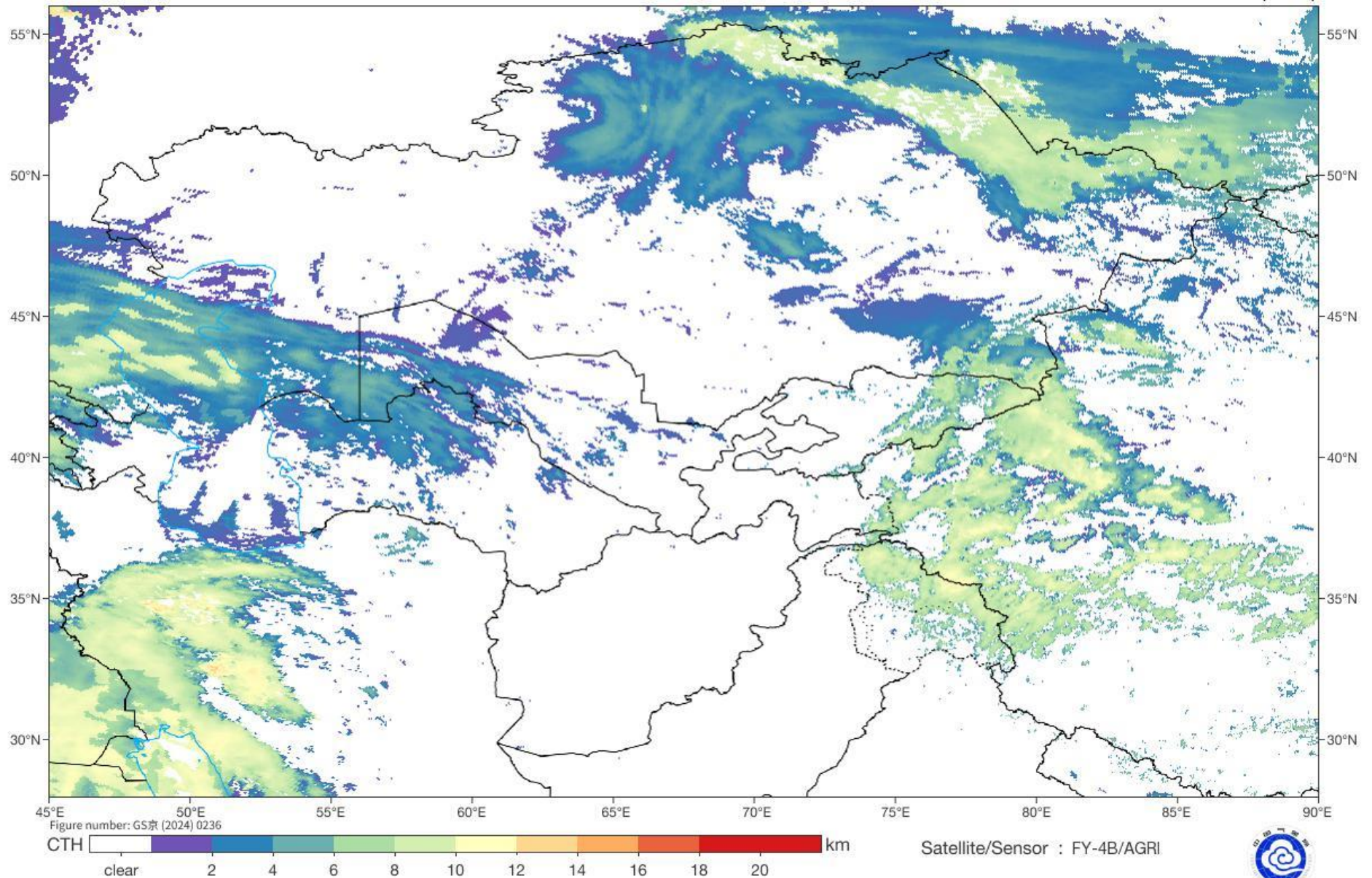
Sand And Dust Identification

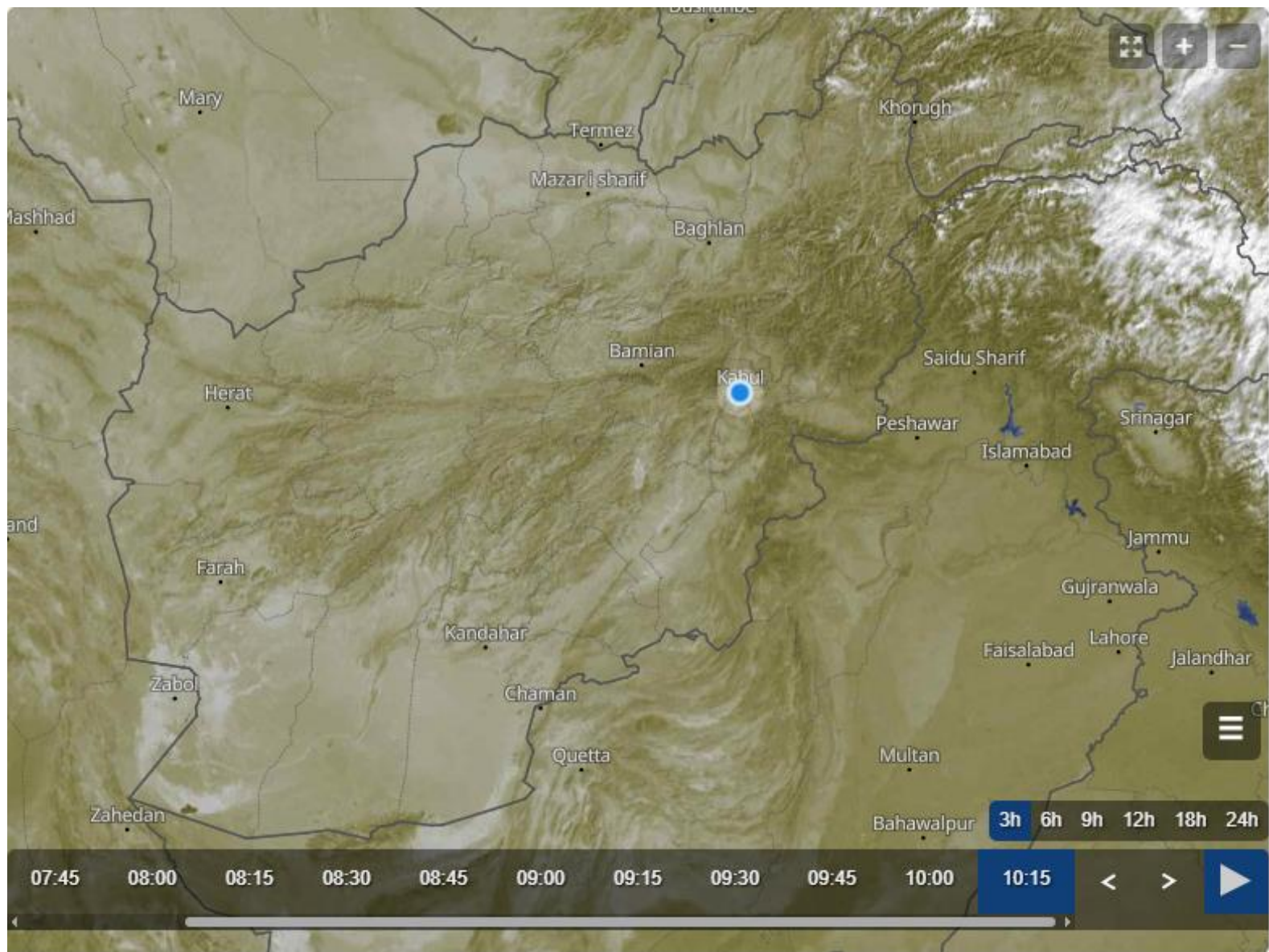
2025-12-02 05:45(UTC)

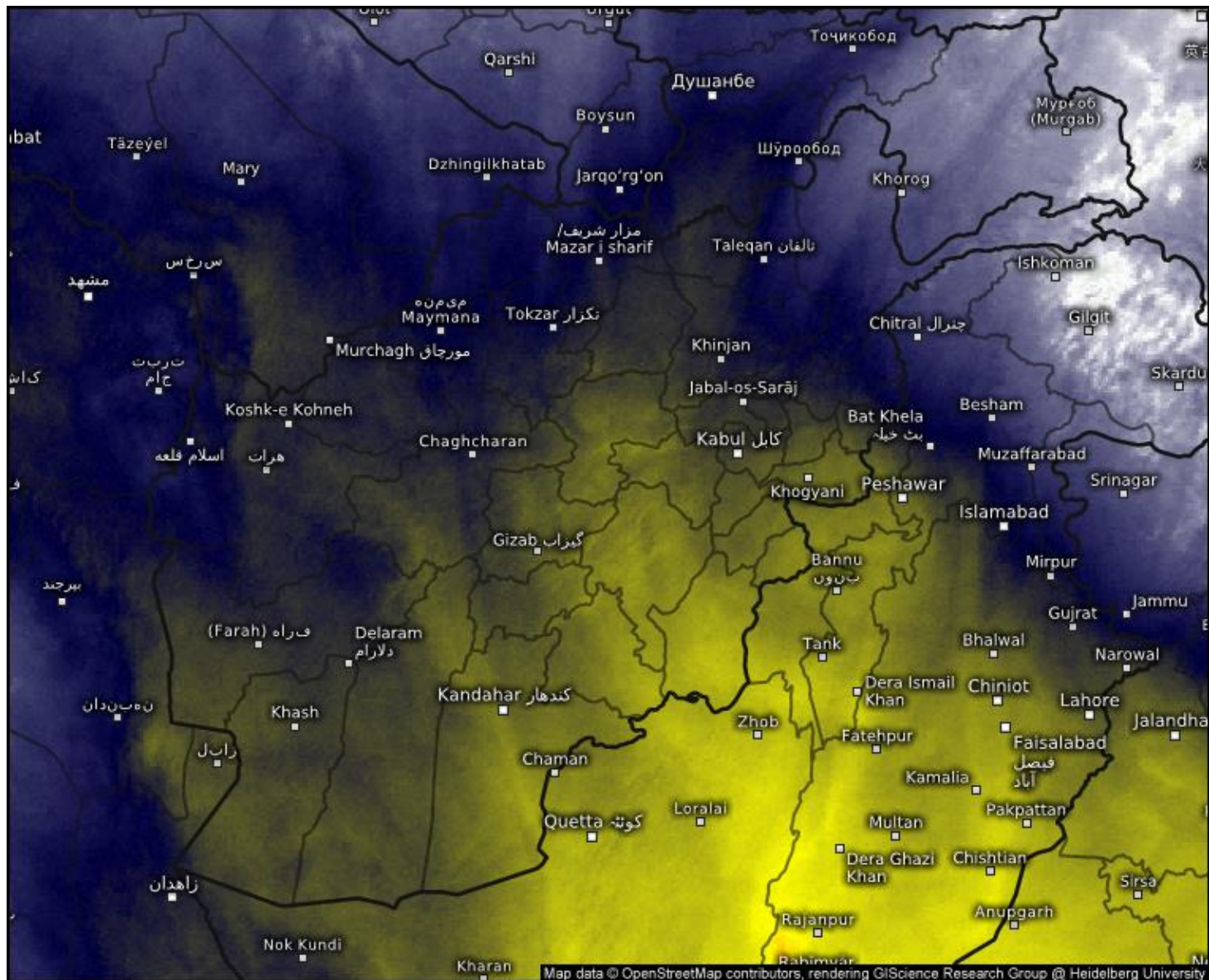


Cloud Top Height

2025-12-02 05:45(UTC)

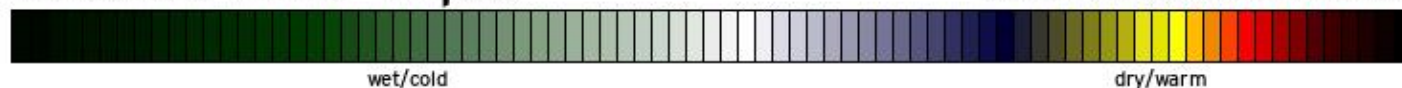






Satellite Water Vapor

Tue 12/02/2025, 10:30am GMT+0430



© Kachelmann GmbH - Download for private use only!

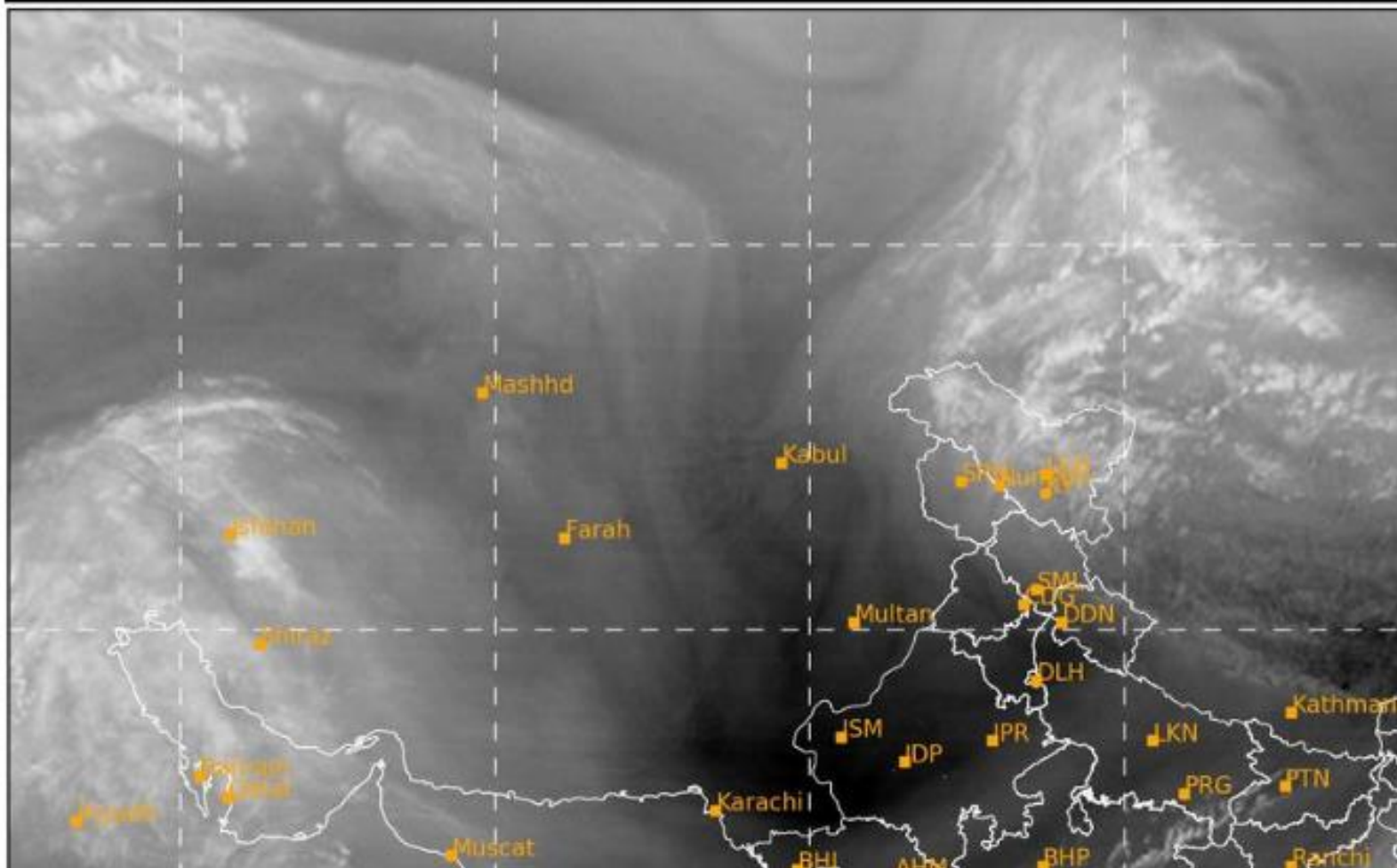
Sharing: Please get the pic's permalink from share button top right
Afghanistan

meteologix.com

Satellite data: EUMETSAT

L1C Mercator

02-12-2025/(1045 to 1112) IST



SAT : INSAT-3DR IMG

IMG_TIR1 10.8 um

L1C Mercator

02-12-2025/(0515 to 0542) GMT

02-12-2025/(1045 to 1112) IST

