



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



Daily reports of Satellite imagery analysis. Date & Time: 29/10/2025, 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	√ weak	X	X	
2	South	X	X	X	X	X	√ weak	X	X	
3	West	X	X	X	X	X	√ weak	X	X	
4	East	✓	X	X	X	X	√ weak	X	X	
5	central	✓	✓	X	X	X	√ weak	X	X	
6	Northeast	✓	X	X	✓	X	√ moderate	X	X	
7	Southeast	✓	✓	X	X	X	√ weak	X	X	
8	Northwest	✓	X	X	X	X	√ weak	X	X	
9	Southwest	X	X	X	X	X	√ weak	X	X	

Details: according to satellite imagery analysis the northern, eastern, central, northeastern, southeastern and northwestern areas have weak warm air mass with (High UTH). The central and southeastern areas have weak dust. The northeastern area has partly cloudy sky. The all regions have weak water vapor which the exception of northeastern area has moderate water vapor.

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

Reported by: Mohammad Jawed Moradi

UTC: 2025-10-29 08:45

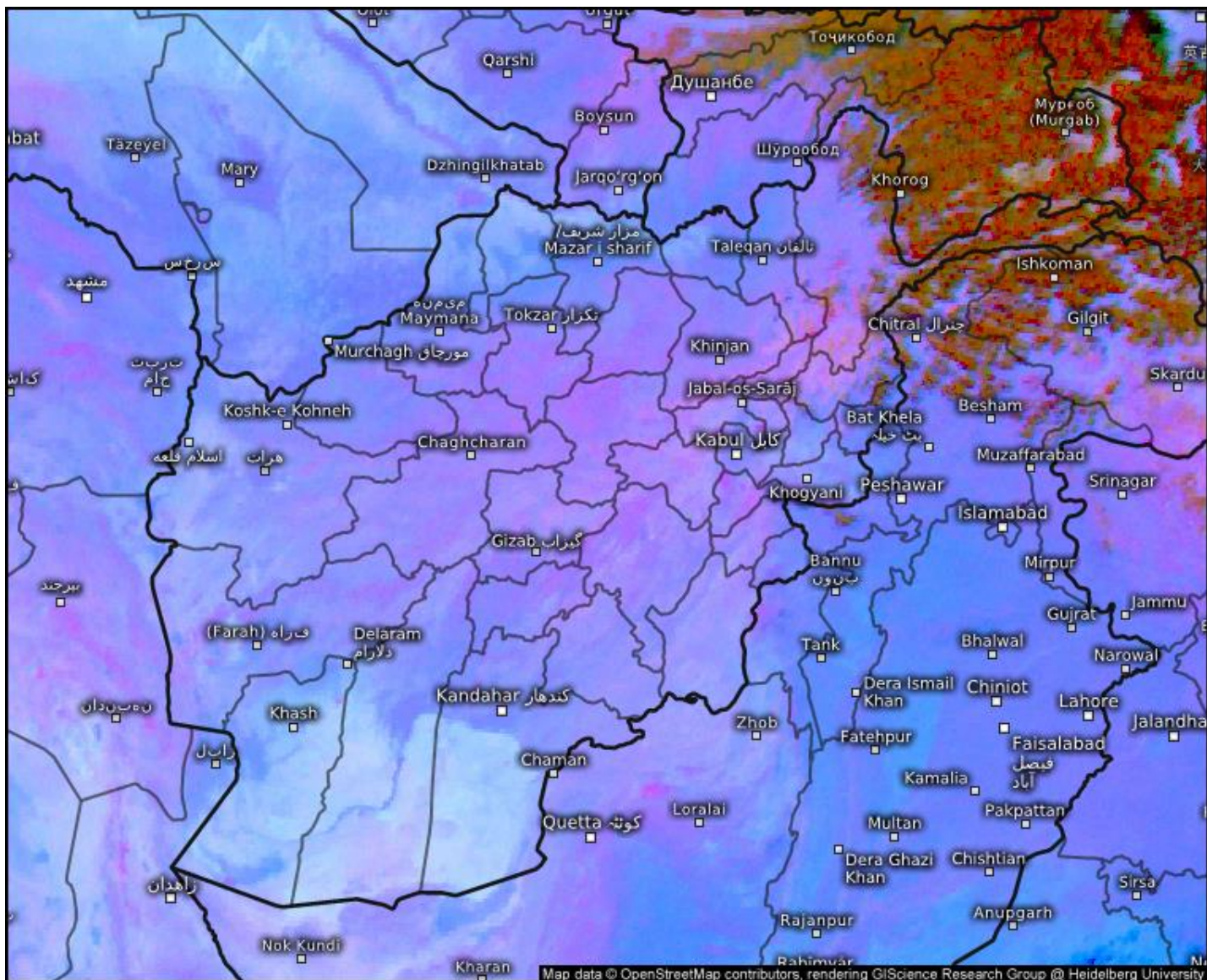
AirMass

Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)
White	Orange	Blue	Red	Purple	Green	Olive

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

Wed 10/29/2025, 01:30pm GMT+0430

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

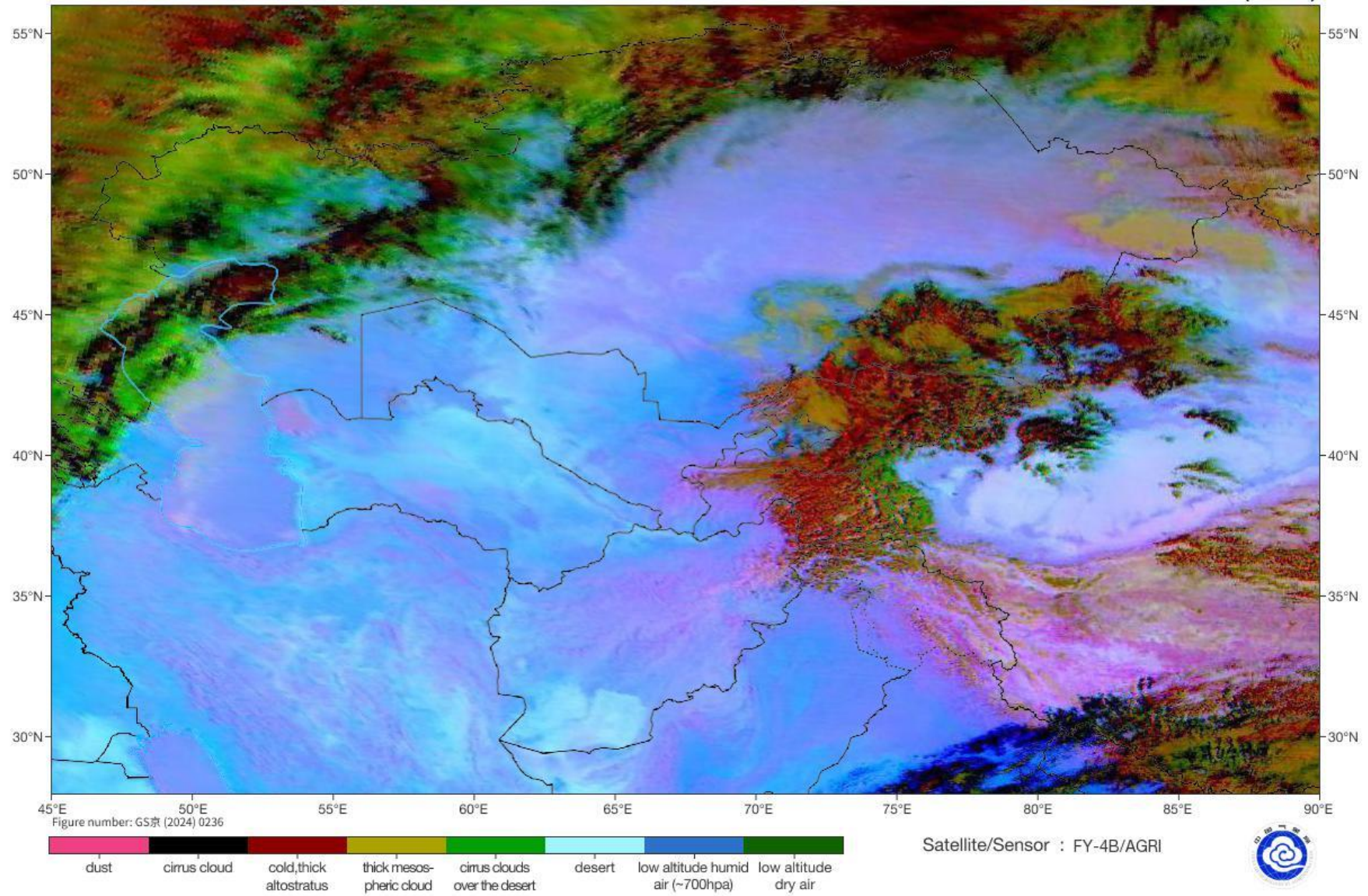
Afghanistan

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Satellite data: EUMETSAT

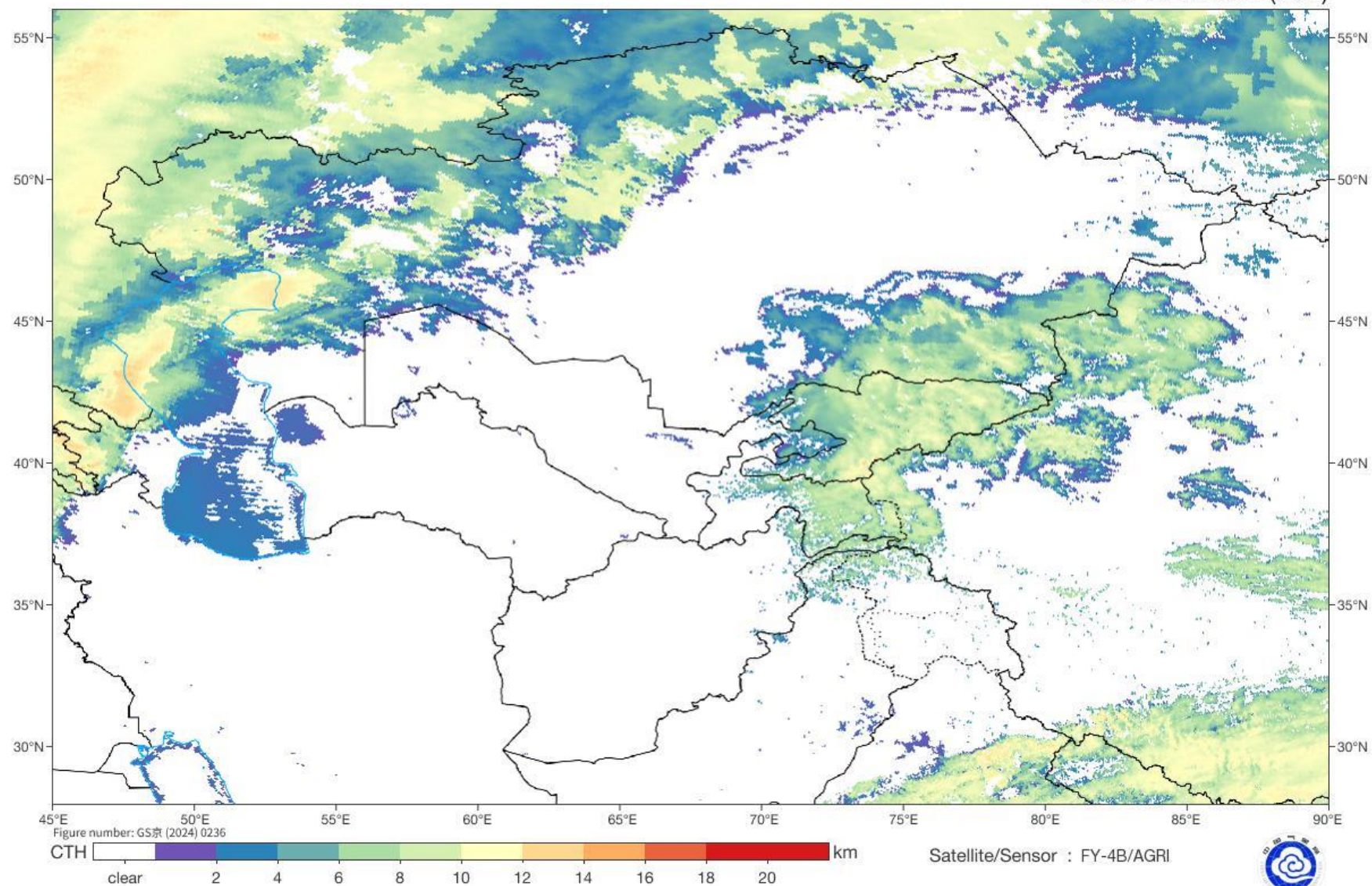
Sand And Dust Identification

2025-10-29 08:45(UTC)

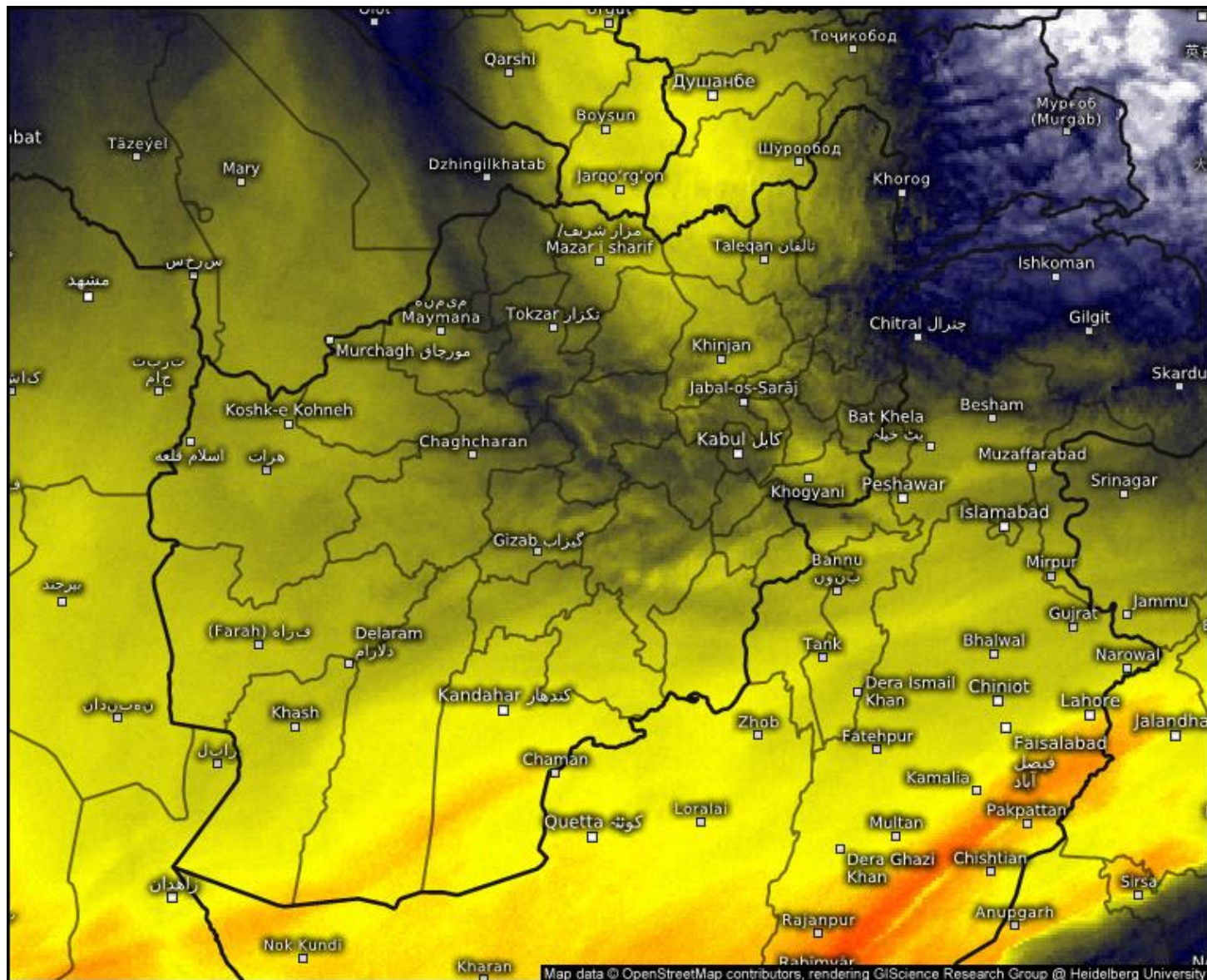


Cloud Top Height

2025-10-29 08:45(UTC)

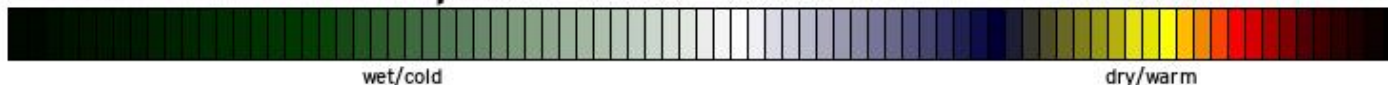






Satellite Water Vapor

Wed 10/29/2025, 01:30pm GMT+0430



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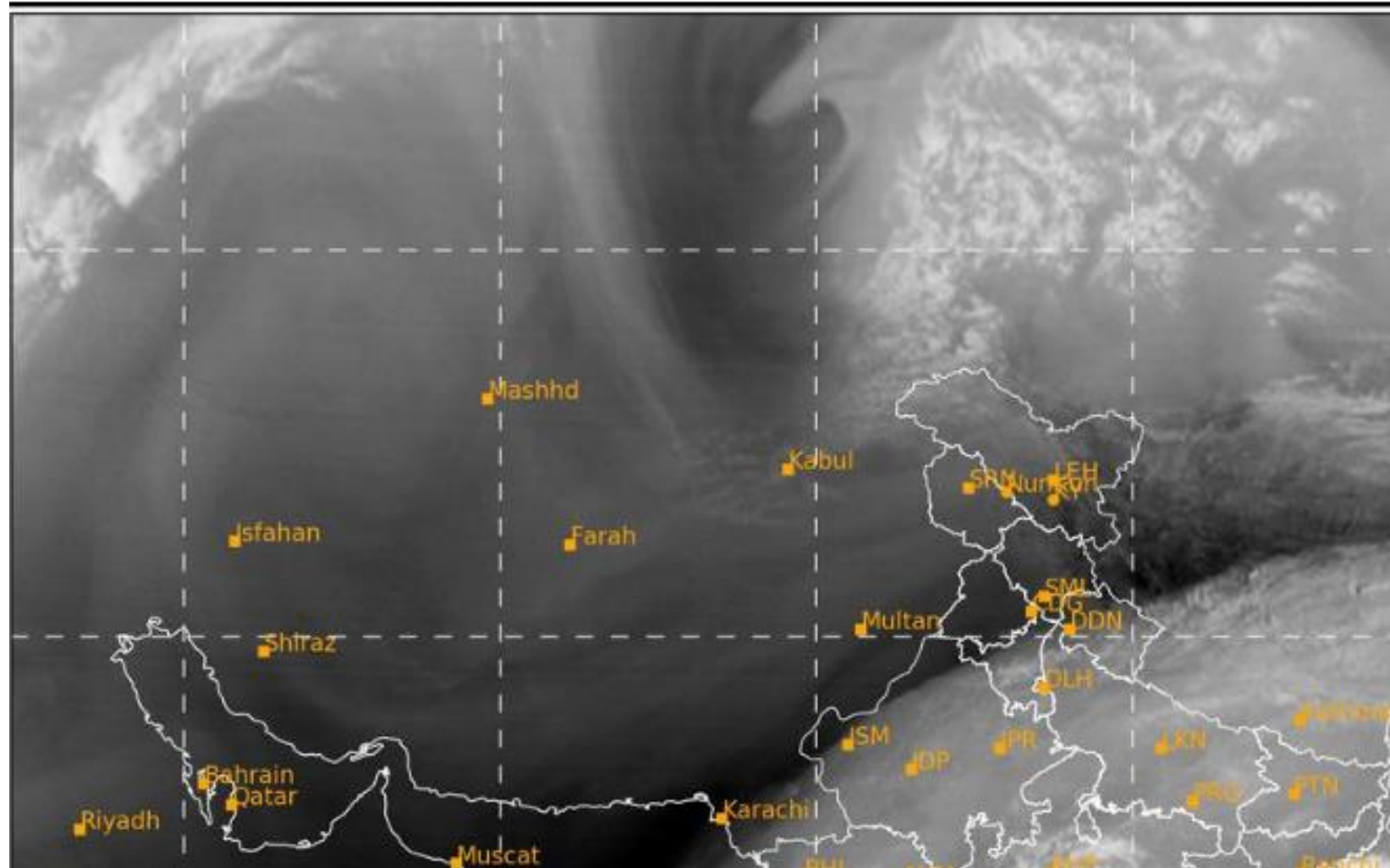
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Satellite data: EUMETSAT

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

29-10-2025/(0715 to 0742) GMT
29-10-2025/(1245 to 1312) IST



SAT : INSAT-3DR IMG
Visible Count 0.65 um
L1C Mercator

29-10-2025/(0715 to 0742) GMT
29-10-2025/(1245 to 1312) IST

