



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



Daily reports of Satellite imagery analysis. Date & Time: 11/11/2025, 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	√ weak	X	X	
5	central	X	X	X	X	X	√ weak	X	X	
6	Northeast	✓	X	X	X	X	√ moderate	X	X	
7	Southeast	✓	✓	X	X	X	√ weak	X	X	
8	Northwest	X	X	X	X	X	√ weak	X	X	
9	Southwest	X	✓	X	X	X	√ weak	X	X	

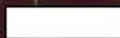
Details: according to satellite imagery analysis the eastern, northeastern and southeastern areas have weak warm air mass with (High UTH). The western, southeastern and southwestern areas have weak dust. The all regions have weak water vapor which the exception of northern and northeastern areas have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

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

Reported by: Mohammad Jawed Moradi

UTC: 2025-11-11 05:45

AirMass



Thick,

high-level cloud



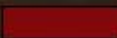
Thick,

mid-level cloud



Thick,

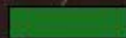
low-level cloud



Jet



Cold Airmass



Warm Airmass

(high UTH)



Warm Airmass

(low UTH)

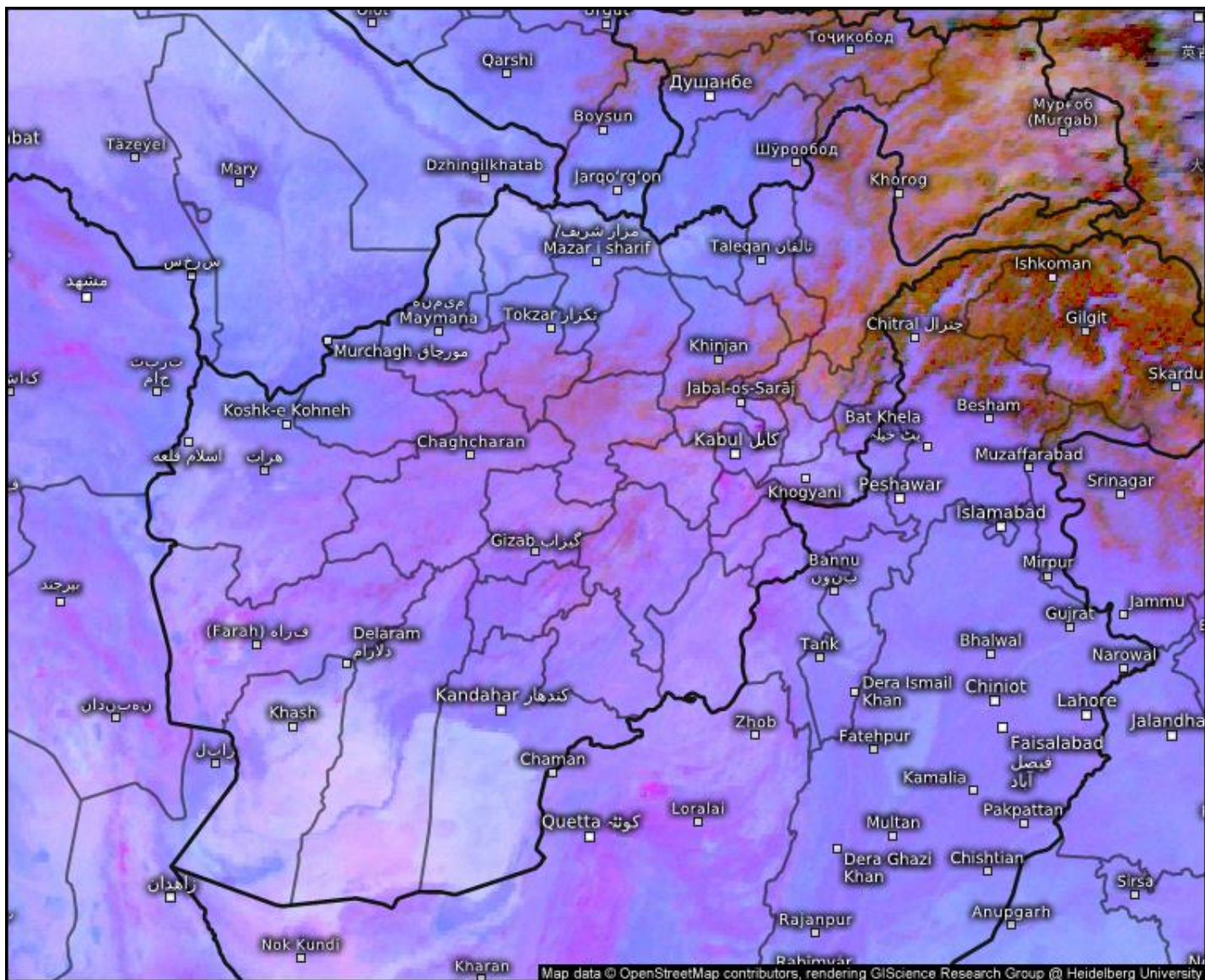
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

Tue 11/11/2025, 10:30am GMT+0430

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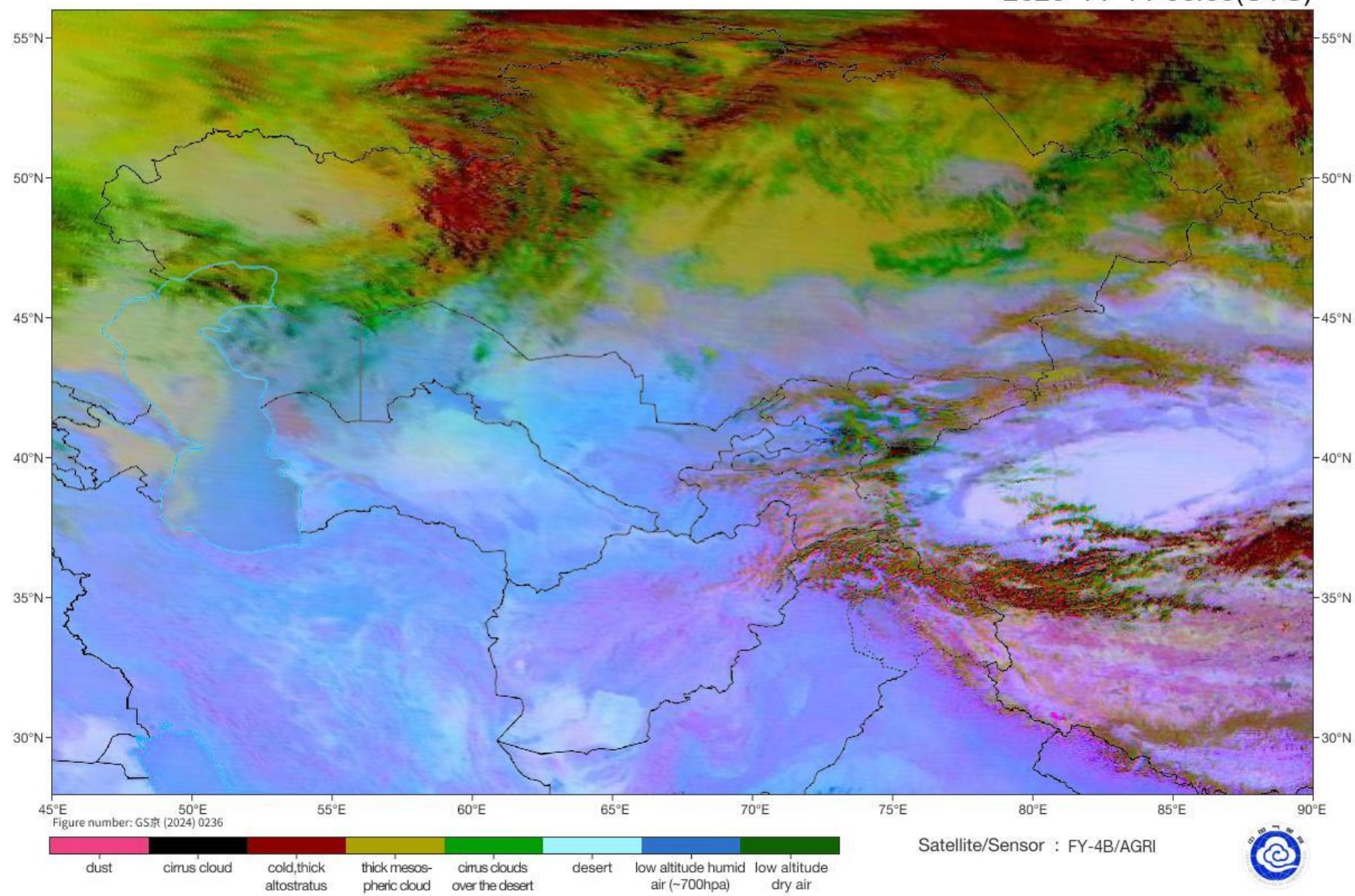
Afghanistan

 **meteologix.com**

Satellite data: EUMETSAT

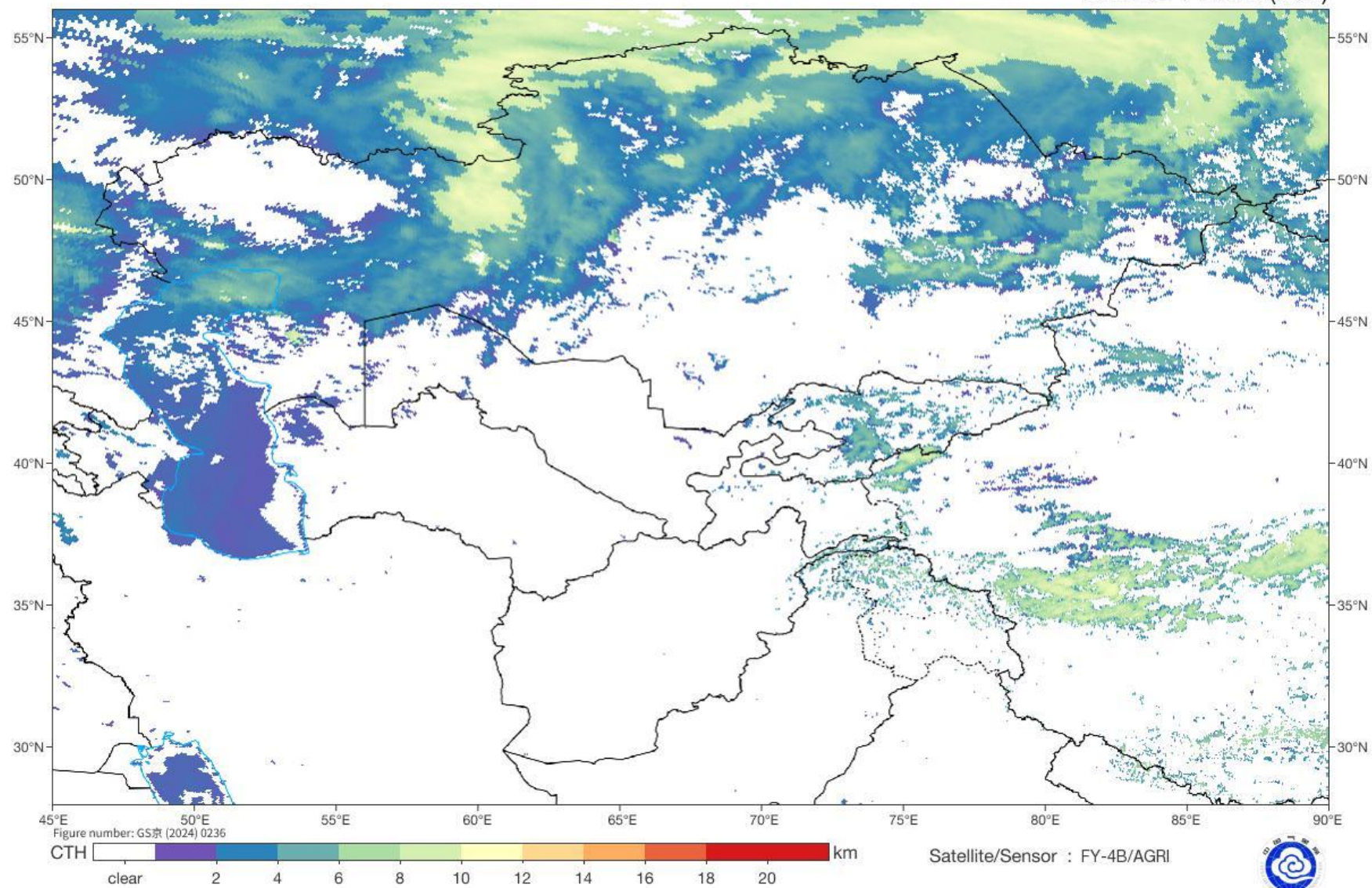
Sand And Dust Identification

2025-11-11 06:00(UTC)

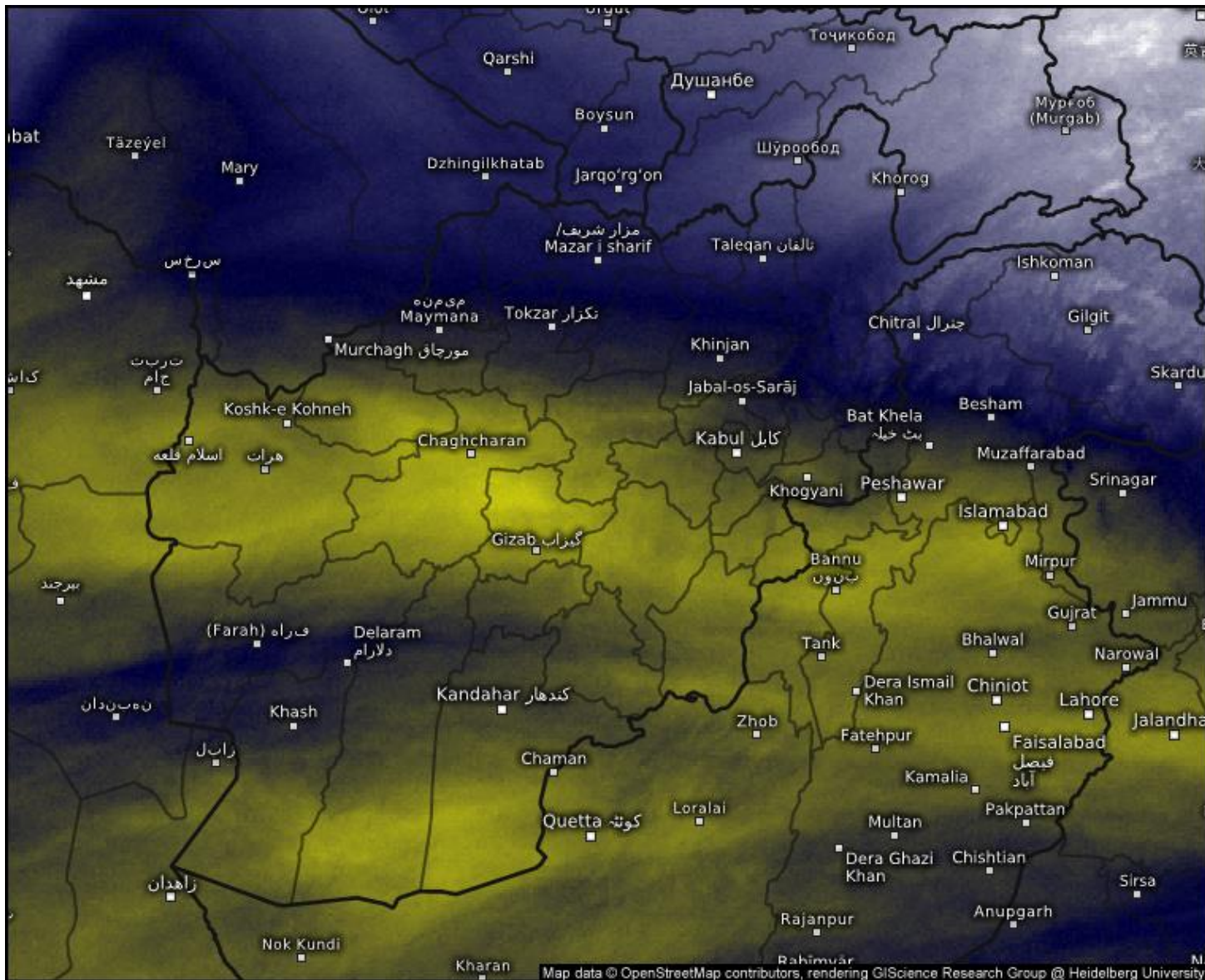


Cloud Top Height

2025-11-11 06:00(UTC)

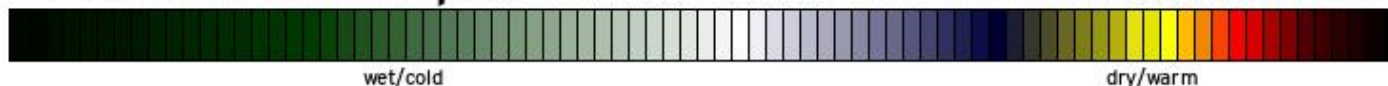






Satellite Water Vapor

Tue 11/11/2025, 10:30am GMT+0430



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Afghanistan

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Satellite data: EUMETSAT

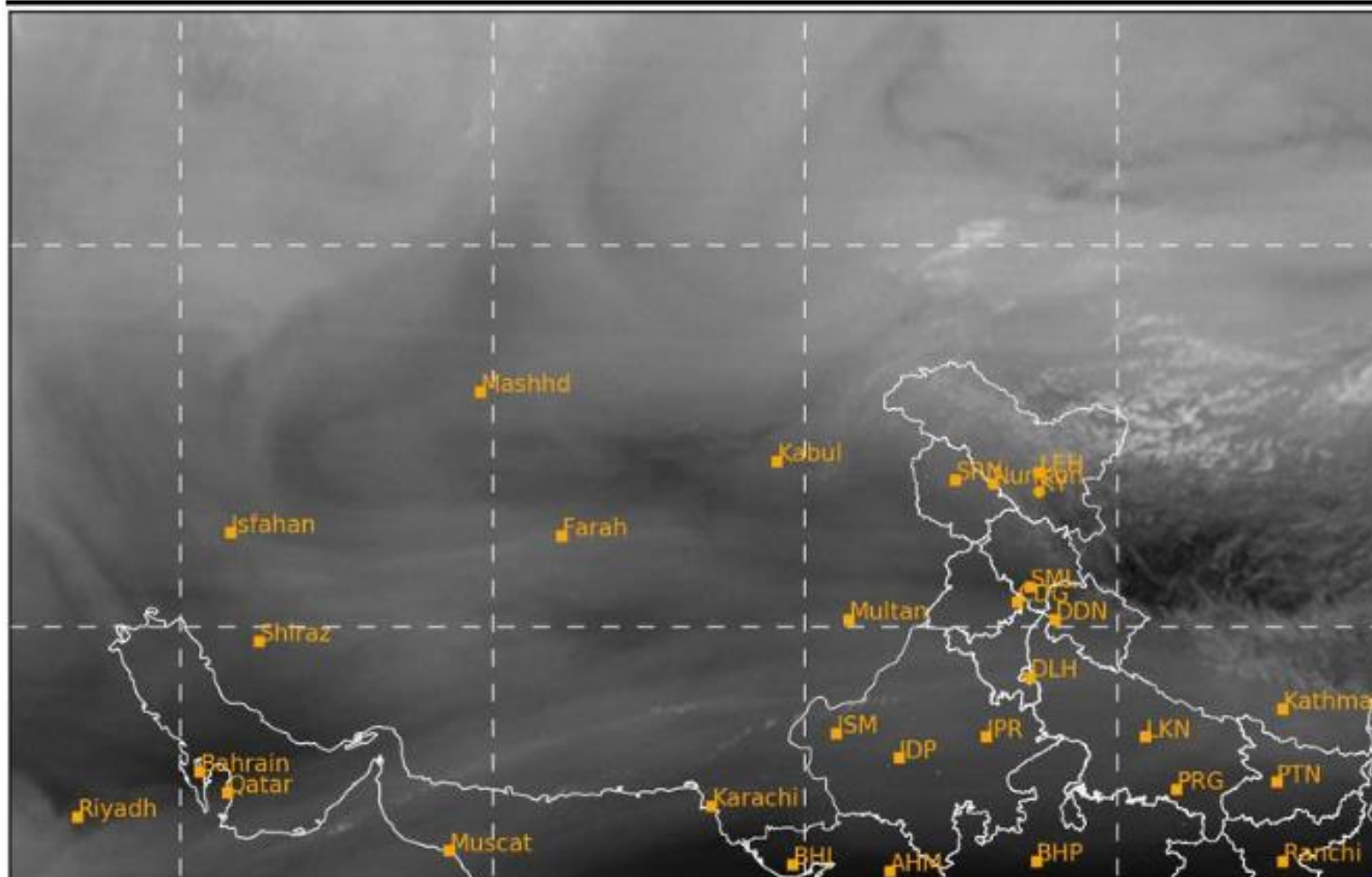
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

11-11-2025/(0515 to 0542) GMT

11-11-2025/(1045 to 1112) IST



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

11-11-2025/(0515 to 0542) GMT
11-11-2025/(1045 to 1112) IST

