



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



Daily reports of Satellite imagery analysis. Date & Time: 17/12/2025, 09:00 UTC

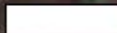
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	√ moderate	X	X	
2	South	✓	X	X	✓	X	√ moderate	X	X	
3	West	✓	X	X	✓	X	√ moderate	X	X	
4	East	✓	X	X	✓	X	√ moderate	X	X	
5	central	✓	X	X	✓	X	√ moderate	X	X	
6	Northeast	X	X	X	✓	X	√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

**Details:** according to satellite imagery analysis the all regions have cold air mass, The all regions have cloudy sky which the height of cloud is about 10-14 km. The all regions have moderate water vapor.

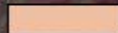
Reported by: Mohammad Jawed Moradi

UTC: 2025-12-17 08:45

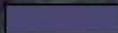
AirMass



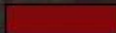
Thick,  
high-level cloud



Thick,  
mid-level cloud



Thick,  
low-level cloud



Jet



Cold Airmass



Warm Airmass  
(high UTH)



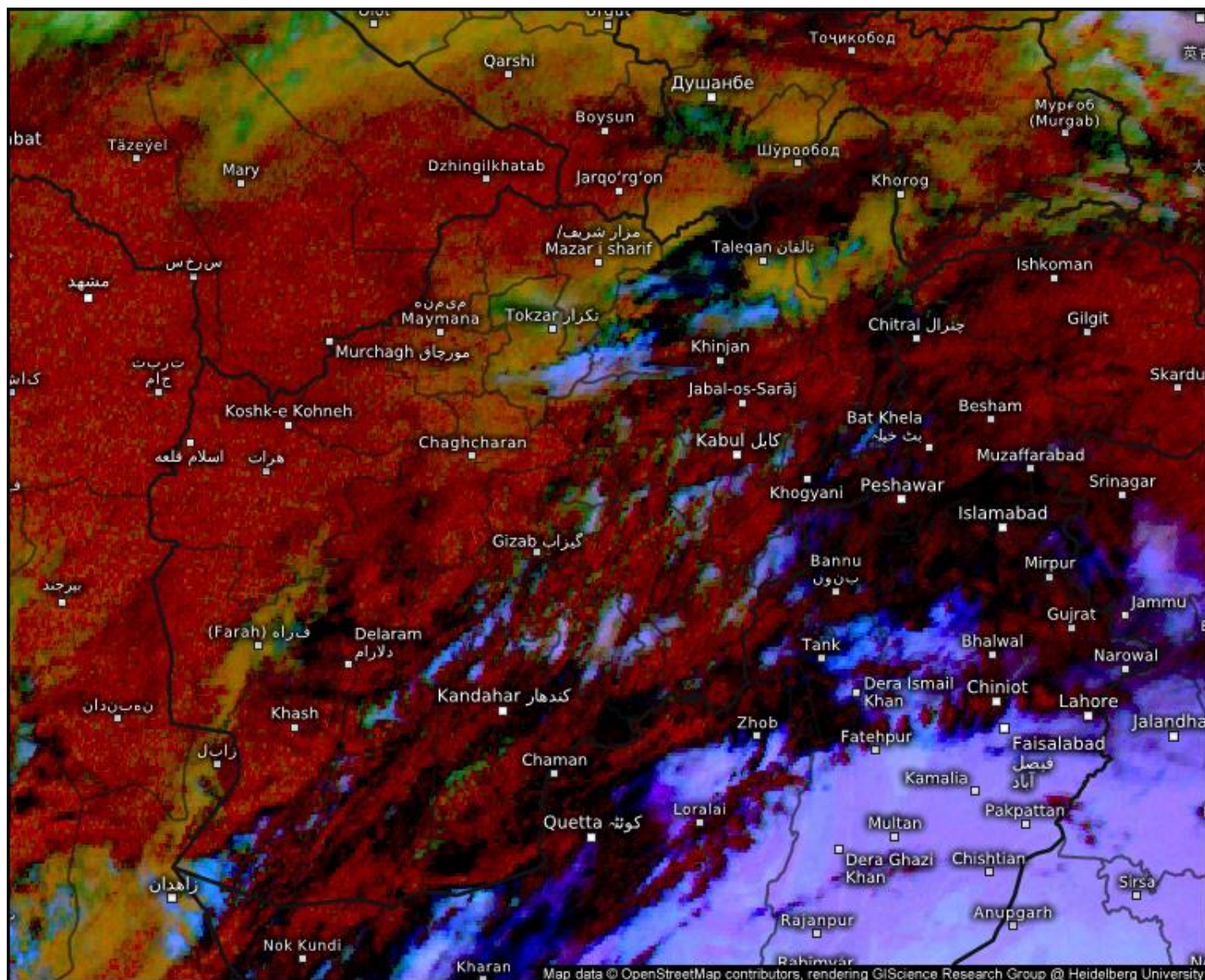
Warm Airmass  
(low UTH)

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

Wed 12/17/2025, 01:30pm GMT+0430

© Kachelmann GmbH - Download for private use only!  
Sharing: Please get the pic's permalink from share button top right

Afghanistan

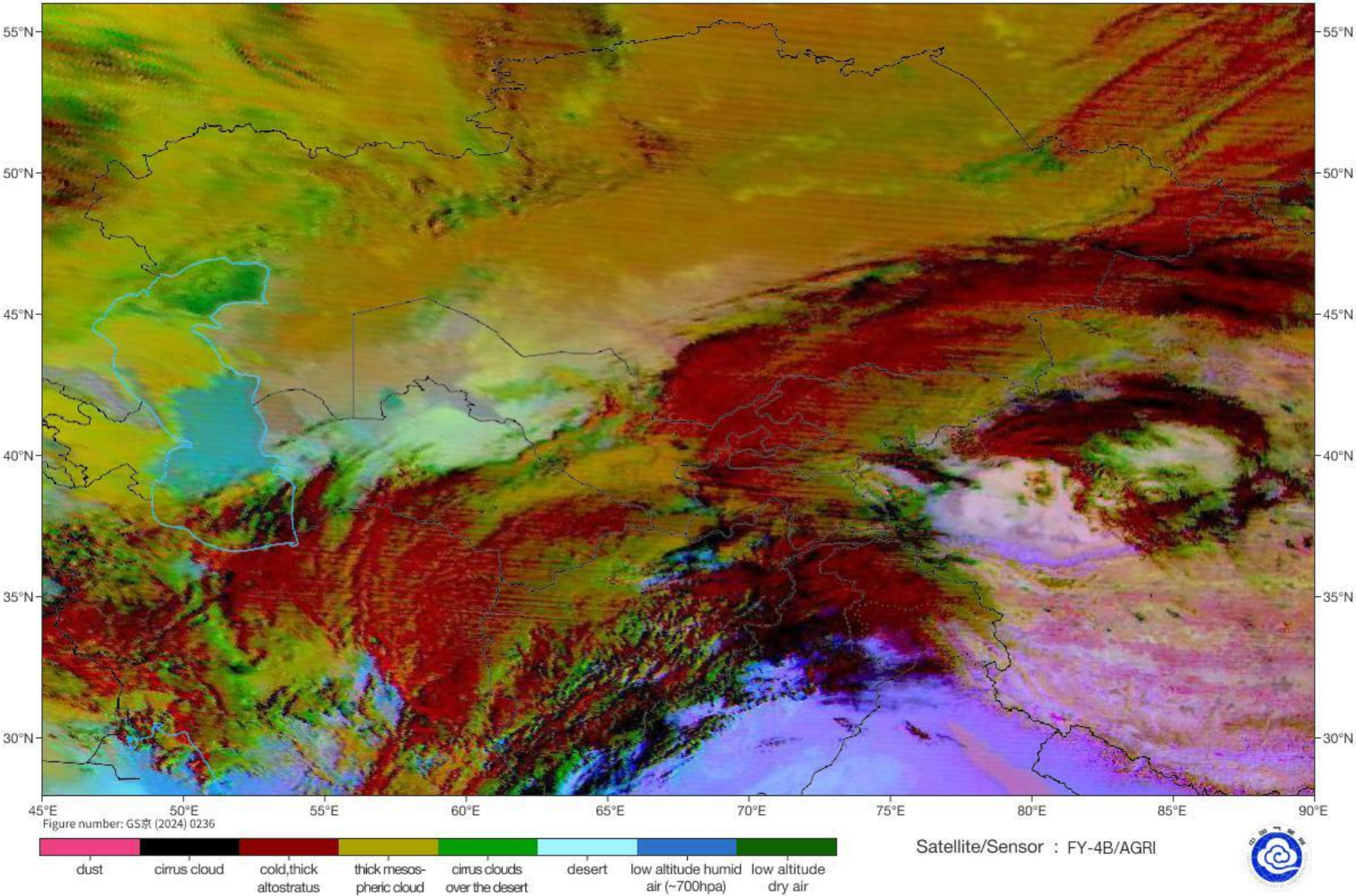
 **meteologix.com**

Satellite data: EUMETSAT



# Sand And Dust Identification

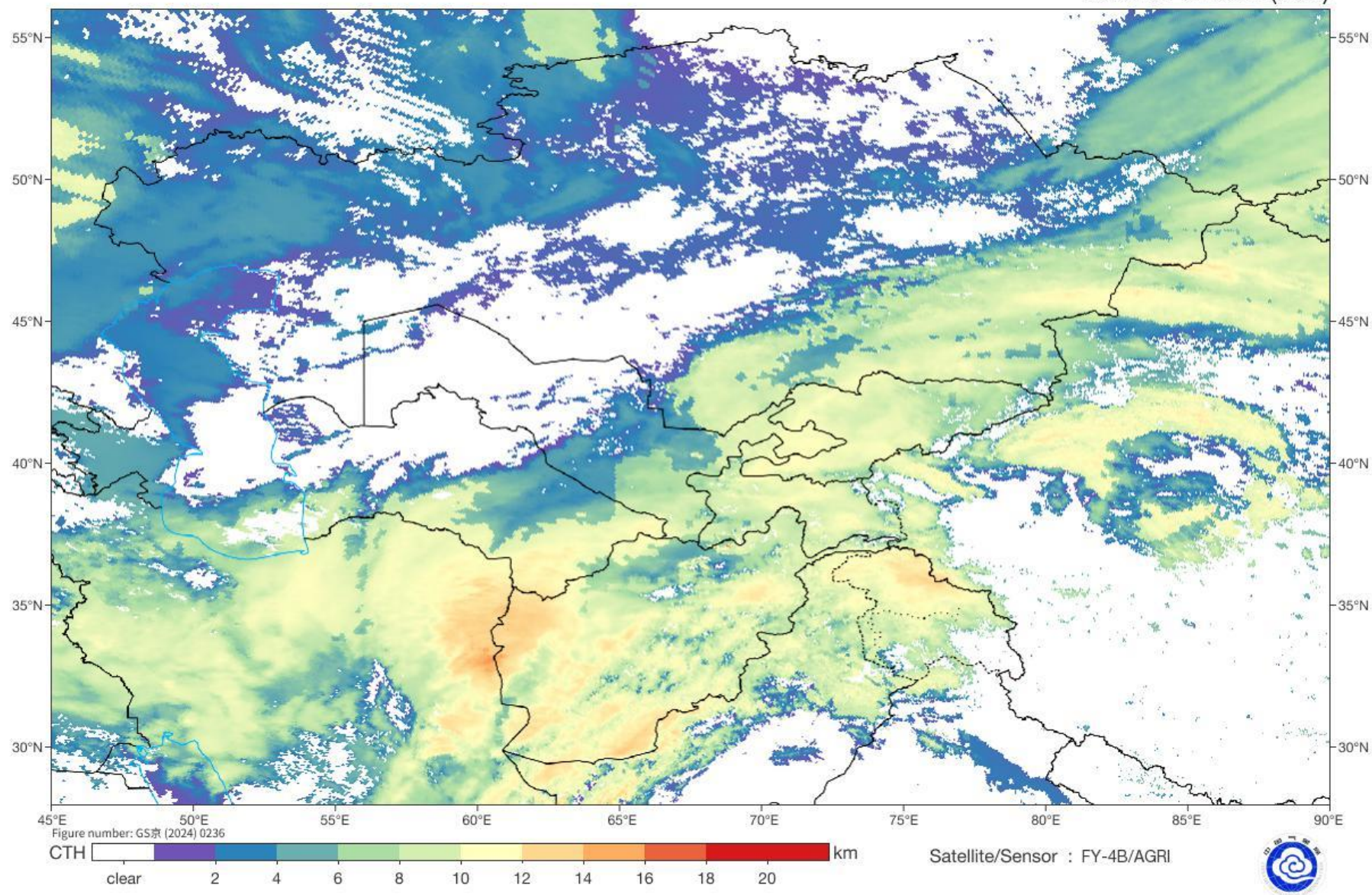
2025-12-17 08:45(UTC)



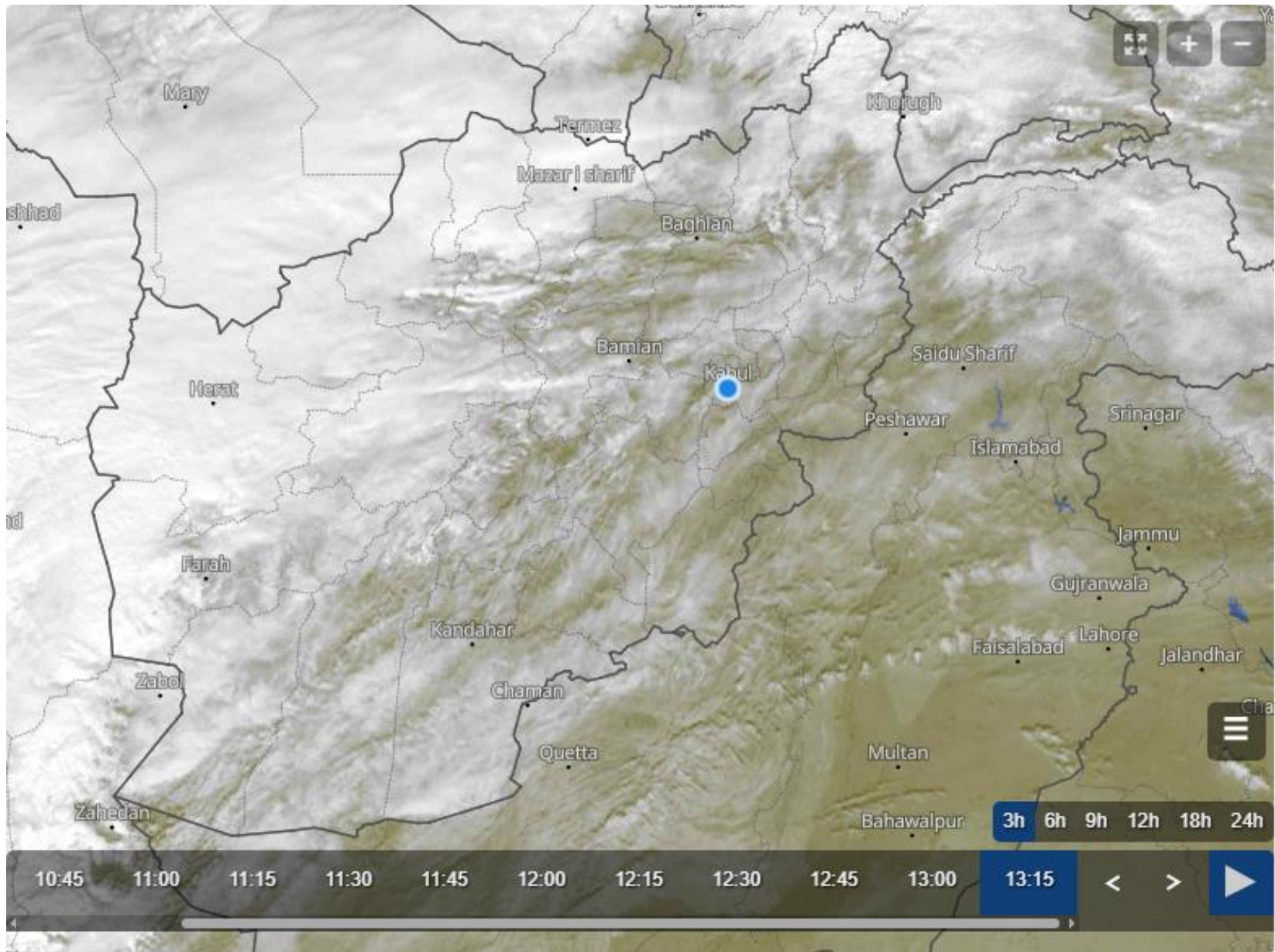


# Cloud Top Height

2025-12-17 08:45(UTC)



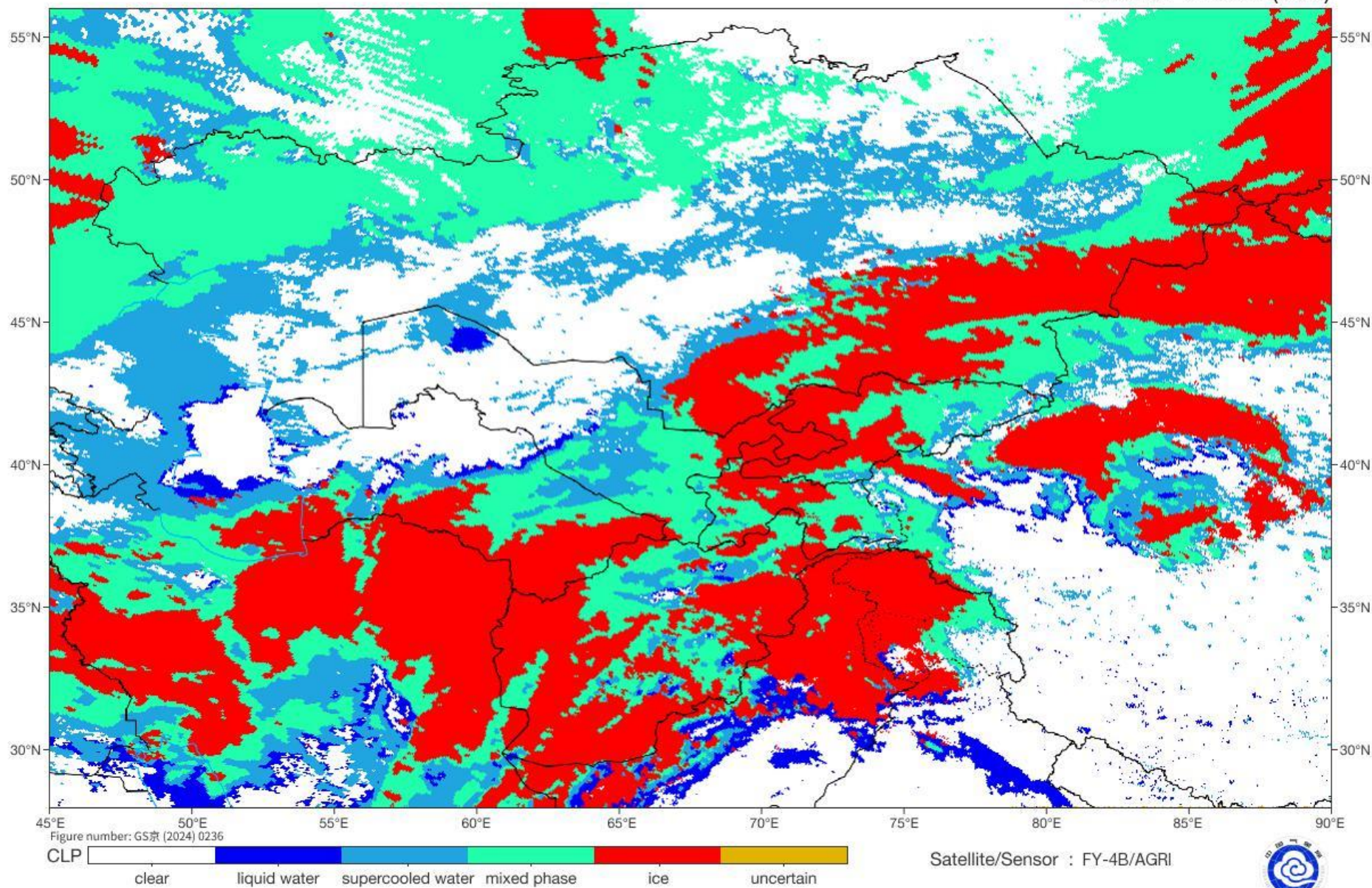




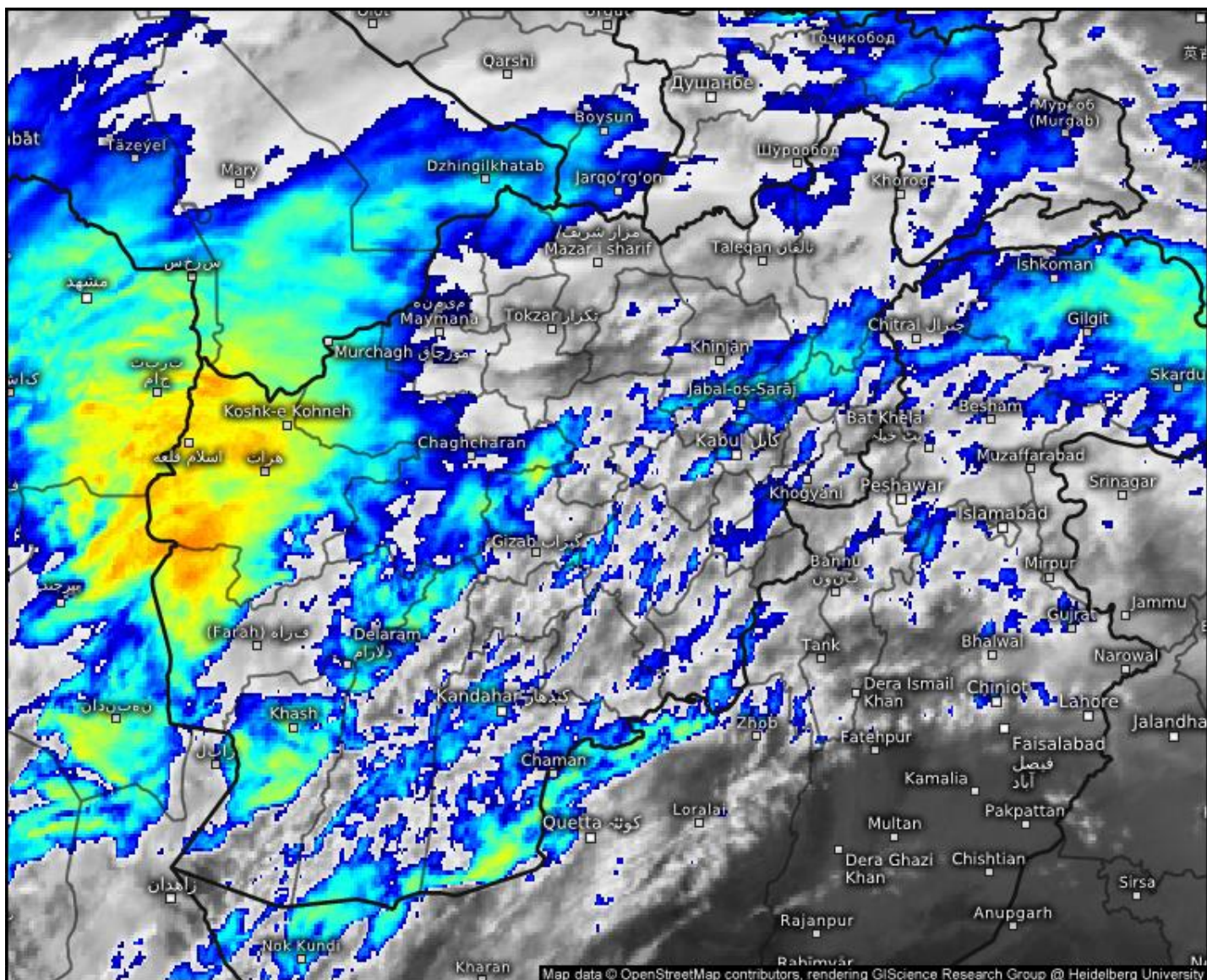


# Cloud Phase

2025-12-17 08:45(UTC)

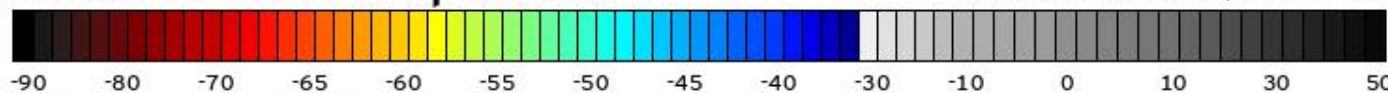






## Satellite Cloud Tops Alert

Wed 12/17/2025, 01:30pm GMT+0430



© Kachelmann GmbH - Download for private use only!

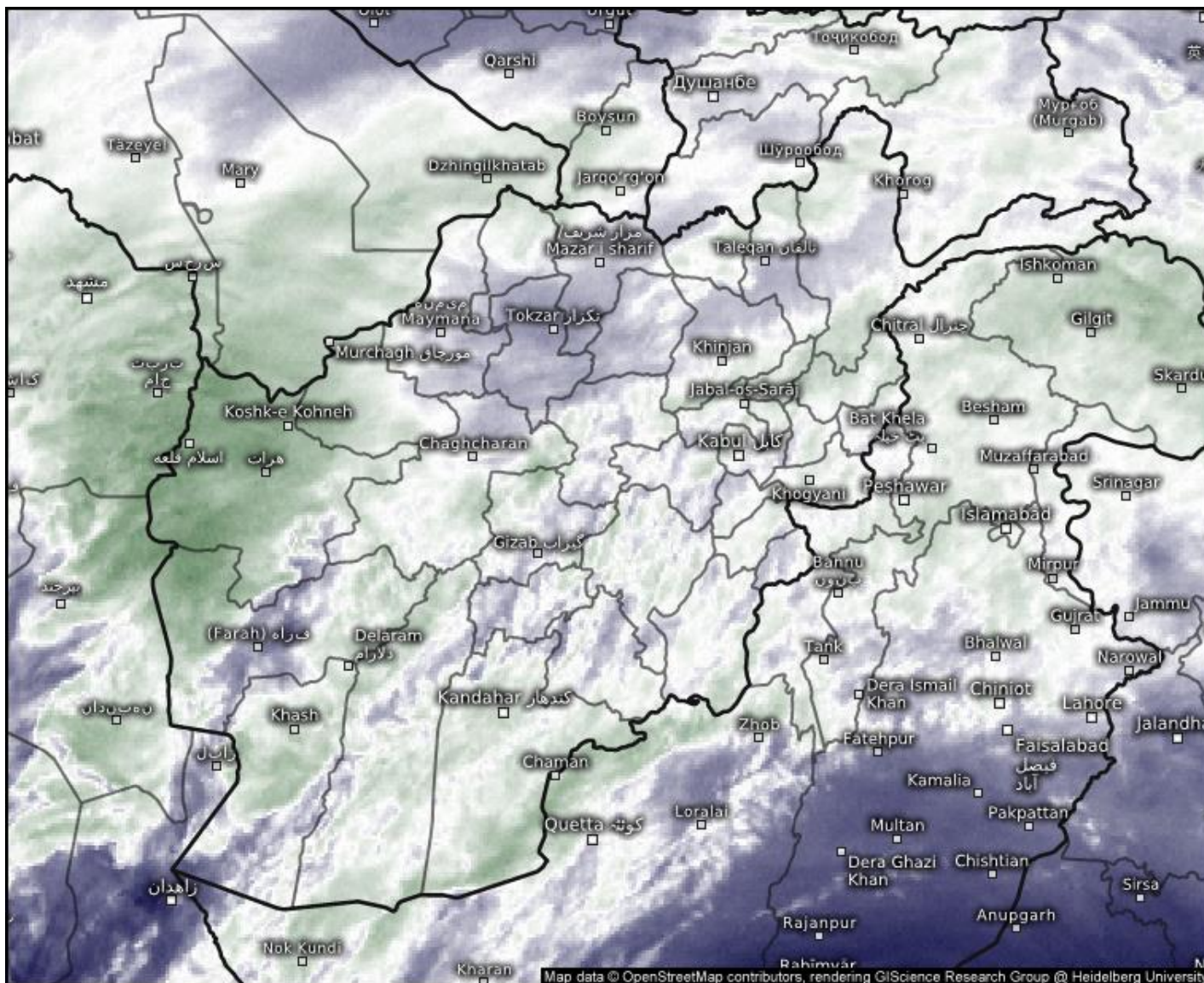
Sharing: Please get the pic's permalink from share button top right

Afghanistan

meteologix.com

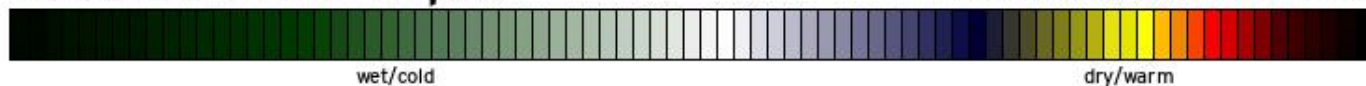
Satellite data: EUMETSAT





## Satellite Water Vapor

Wed 12/17/2025, 01:30pm 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

17-12-2025/(1245 to 1312) IST

