



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



**Daily reports of Satellite imagery analysis. Date & Time: 28-02-2026, 08:30 UTC**

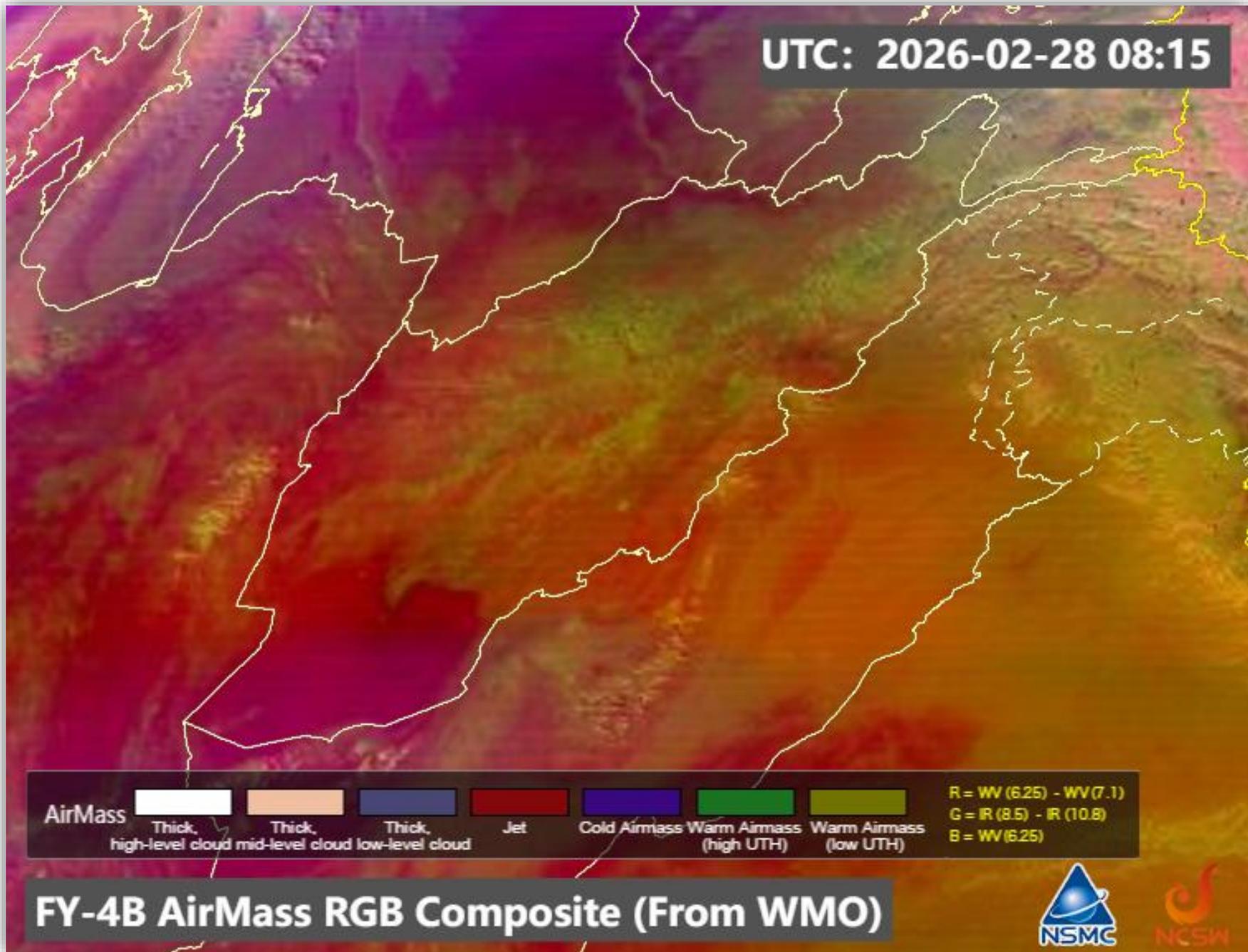
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓ weak	X	X	
2	South	X	X	X	X	X	✓ moderate	X	X	
3	West	X	✓	X	X	X	✓ weak	X	X	
4	East	X	X	X	X	X	✓ weak	X	X	
5	central	✓	X	X	X	X	✓ weak	X	X	
6	Northeast	✓	X	X	X	X	✓ moderate	X	X	
7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

**Details:** according to satellite imagery analysis, the northern, central and northeastern areas have warm Air mass (High UTH) some part of southwestern area has cold air mass. The western and southeastern areas have weak dust. Some part of southern and northeastern areas has moderate water vapor, the northern, western, eastern, central, southeastern, northwestern and southwestern areas have weak water vapor. The southwestern area has Jetstream.

Reported by: Mohammad Jawed Moradi

**Not: X (Not existing phenomena) ✓ (existing phenomena)**

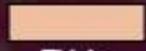
UTC: 2026-02-28 08:15



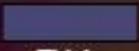
AirMass



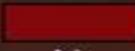
Thick, high-level cloud



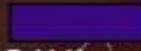
Thick,



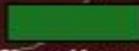
Thick,



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)



# Sand And Dust Identification

2026-02-28 08:15(UTC)

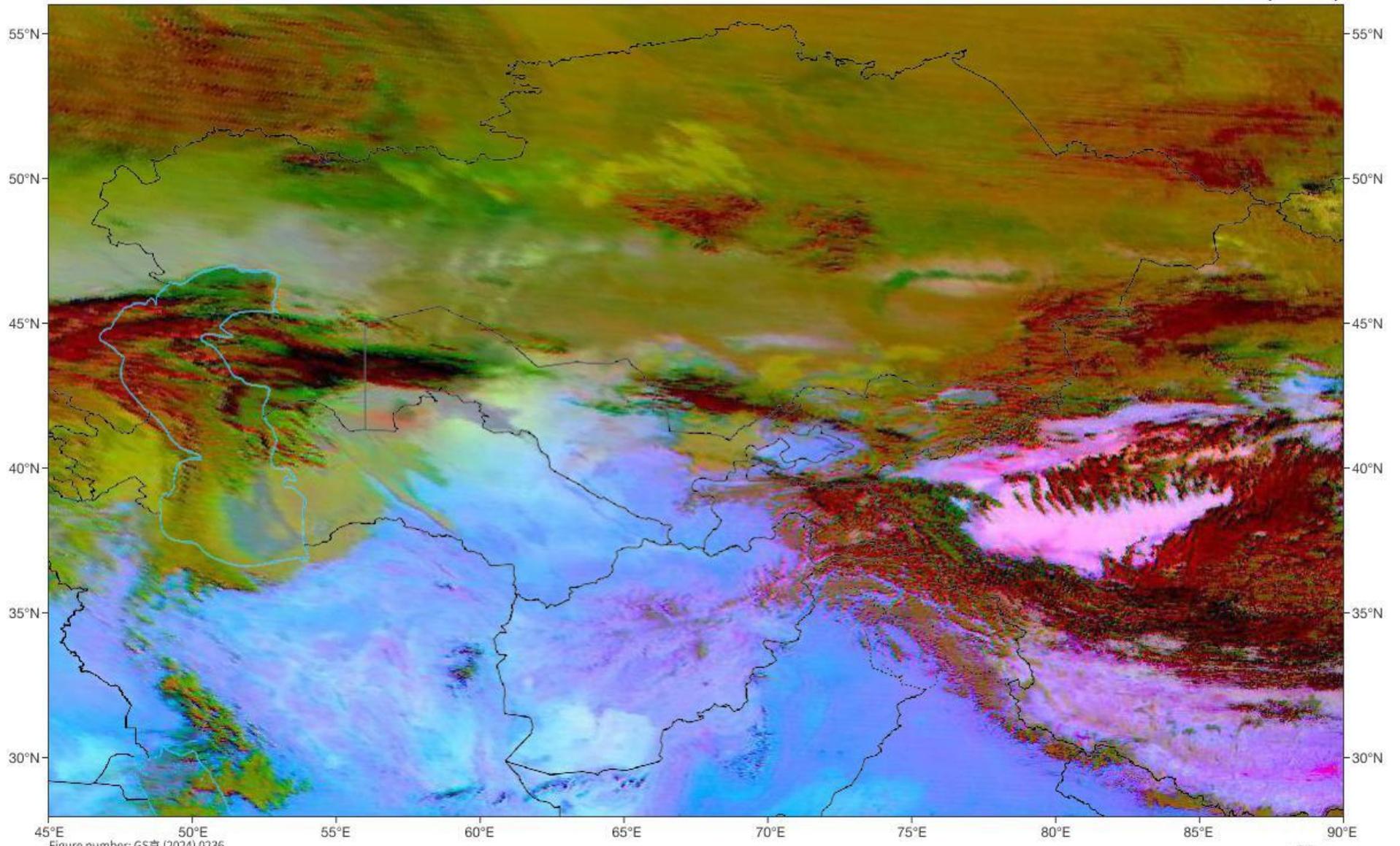
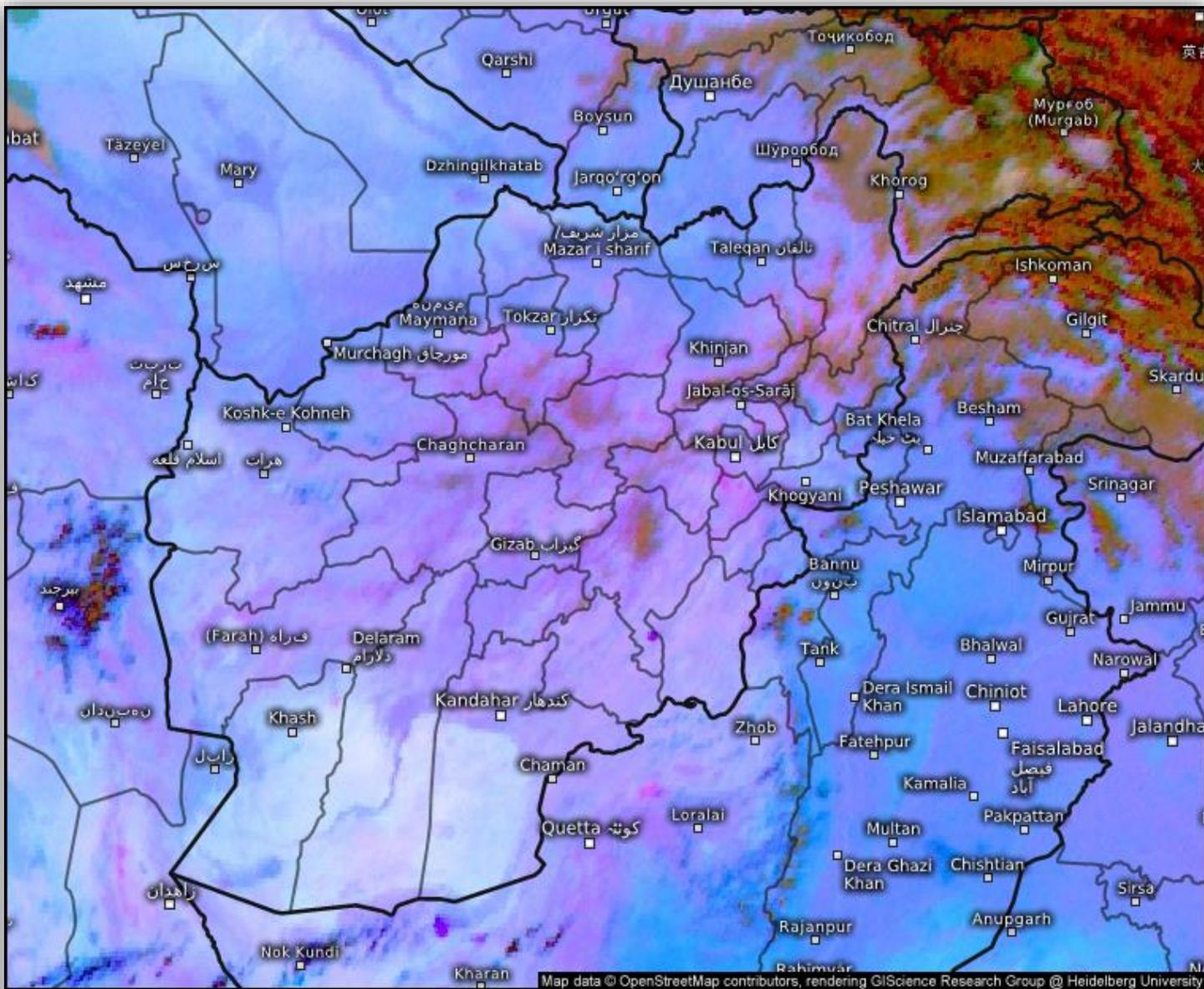


Figure number: GS京 (2024) 0236

Satellite/Sensor : FY-4B/AGRI





## Satellite Dust

Sat 02/28/2026, 01:00pm GMT+0430

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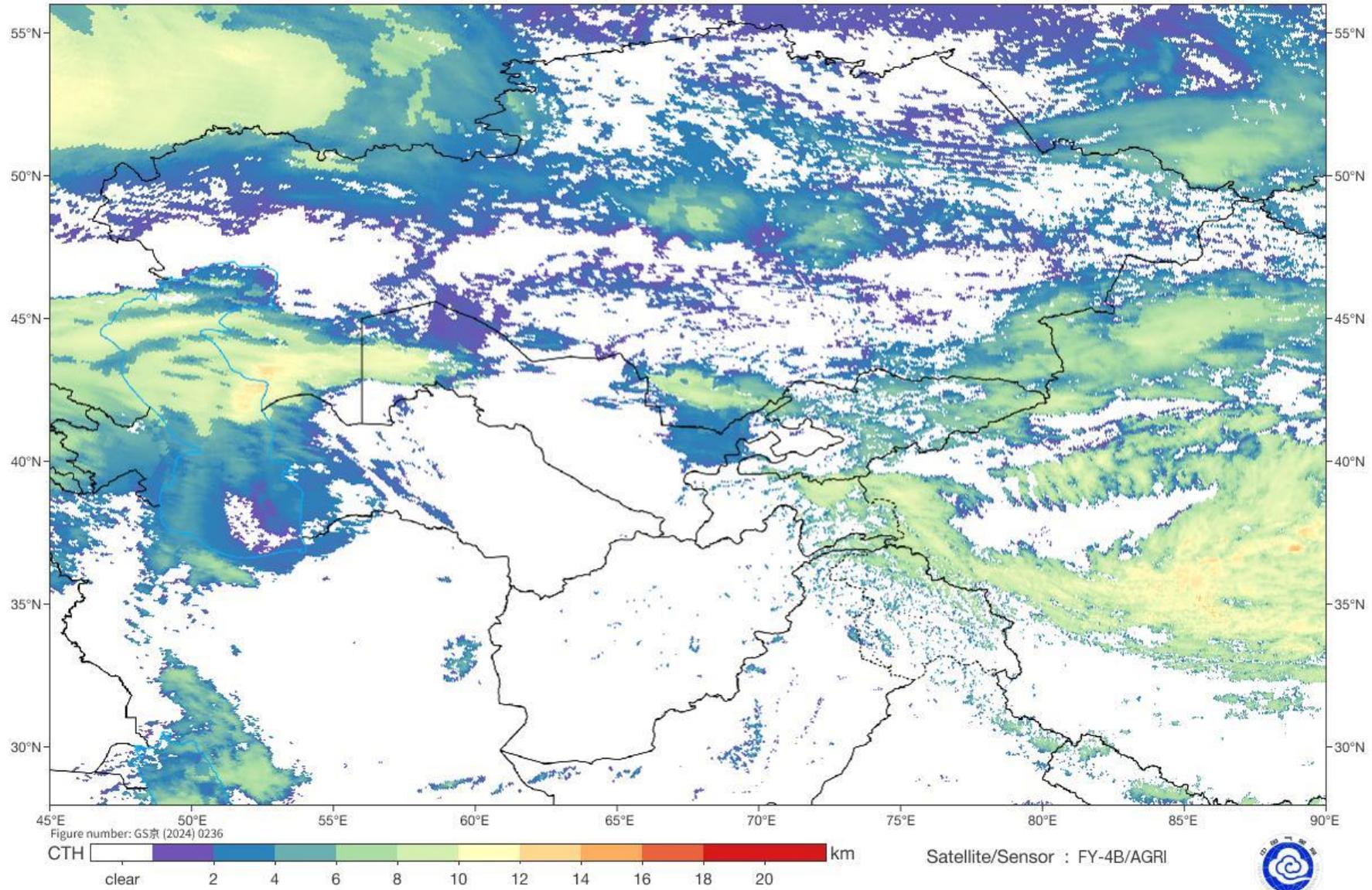
Afghanistan

 **meteologix**

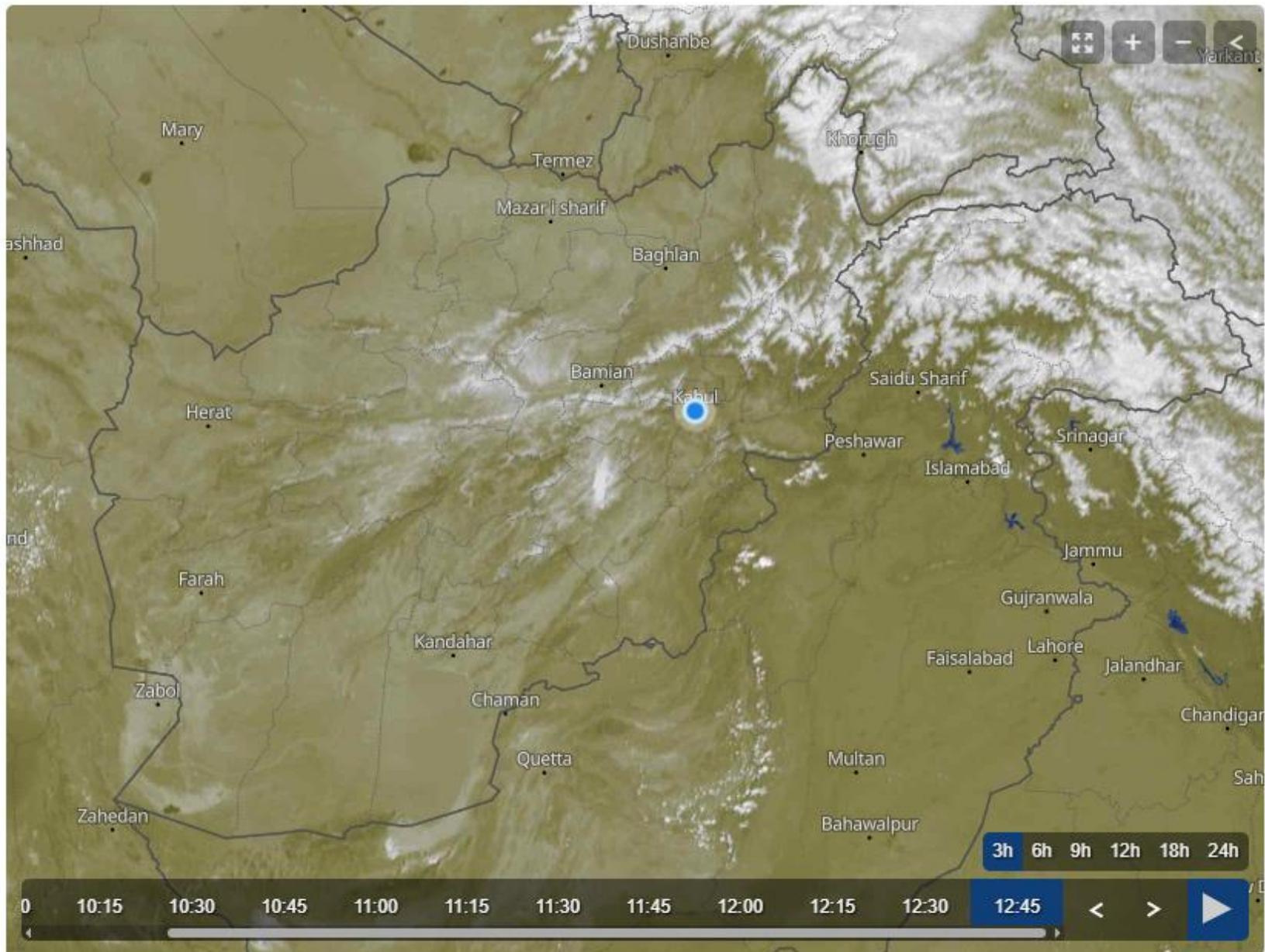
Satellite data: EUMETSAT

# Cloud Top Height

2026-02-28 08:15(UTC)

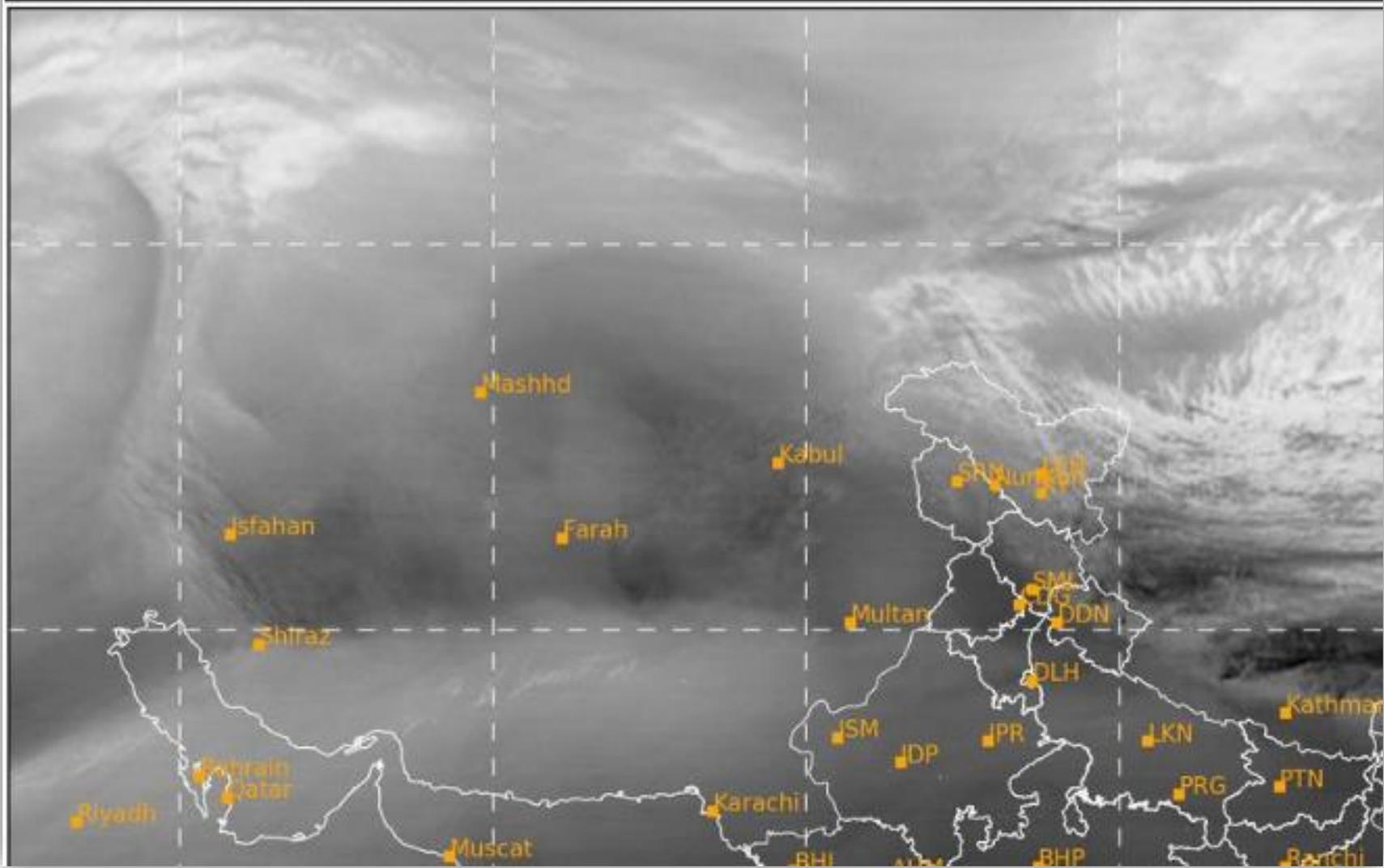


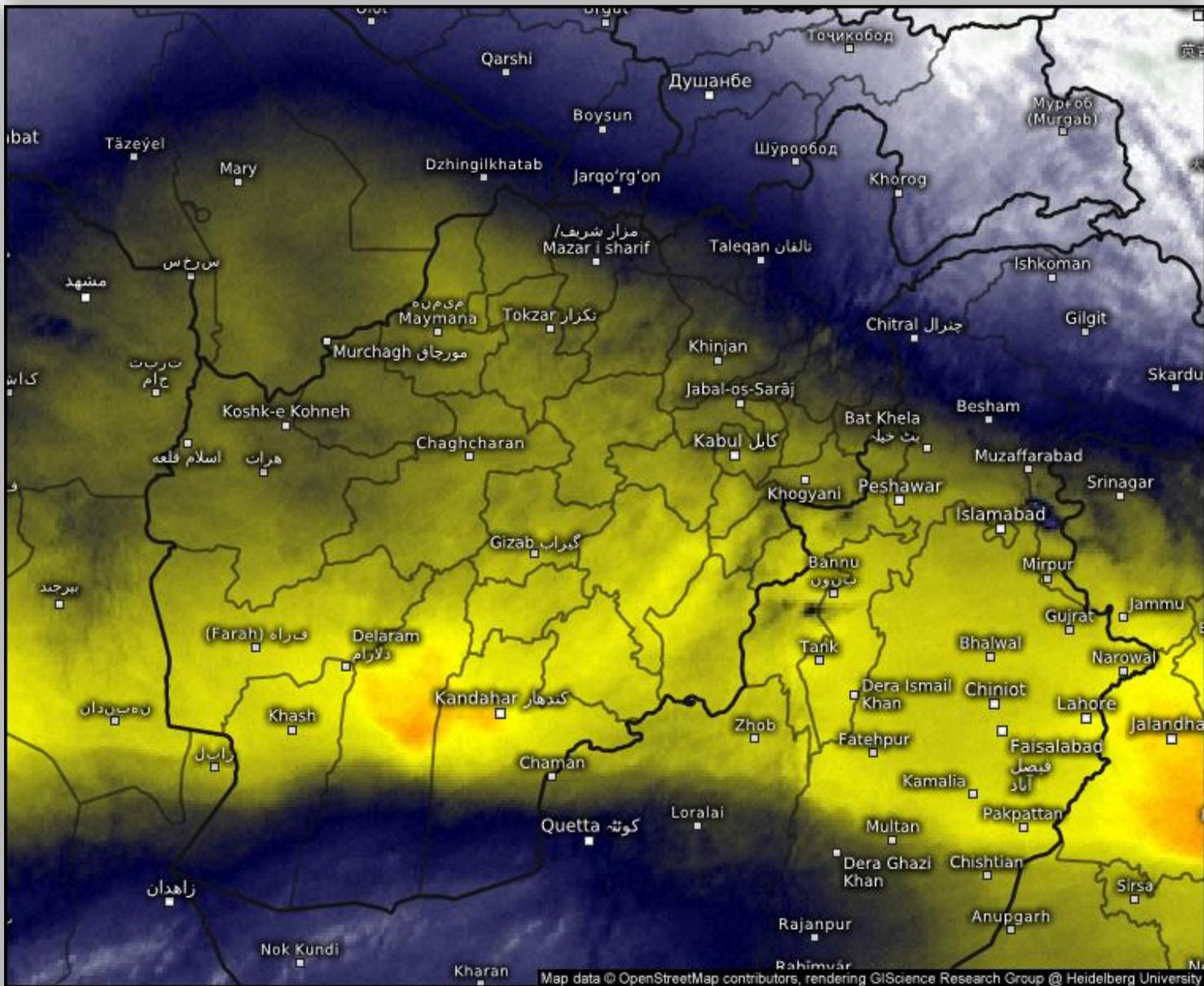
## Live satellite map, Afghanistan



SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
LIC Mercator

28-02-2026/(0715 to 0742) GMT  
28-02-2026/(1245 to 1312) IST





## Satellite Water Vapor

Sat 02/28/2026, 01:00pm GMT+0430



wet/cold

dry/warm

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 Afghanistan



Satellite data: EUMETSAT

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

28-02-2026/(0715 to 0742) GMT  
28-02-2026/(1245 to 1312) IST

