



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



**Daily reports of Satellite imagery analysis. Date & Time: 12-04-2026, 09:00 UTC**

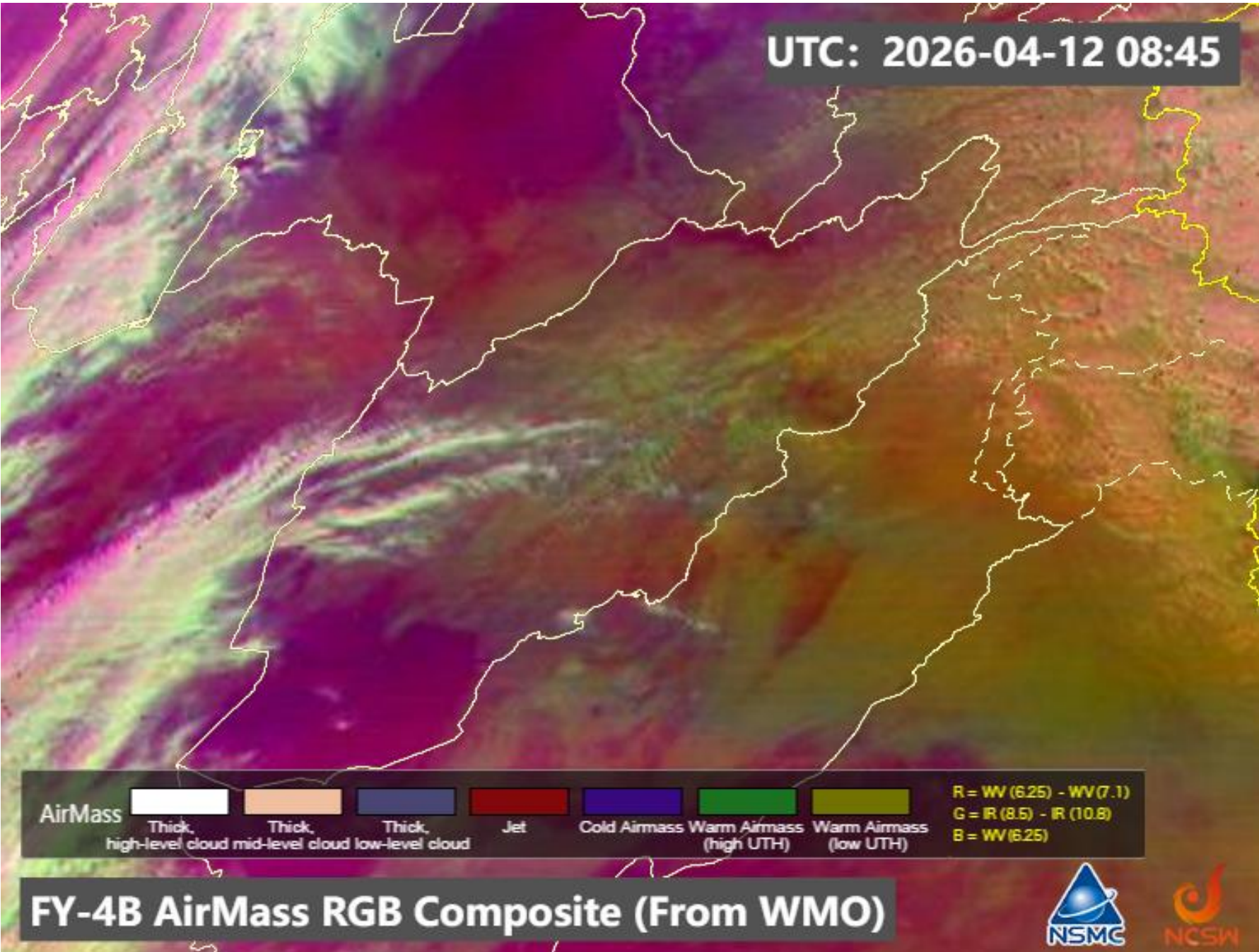
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓ moderate	X	X	
2	South	✓	X	X	X	X	✓ moderate	X	X	
3	West	✓	X	X	✓	X	✓ moderate	X	X	
4	East	X	X	X	X	X	✓ weak	X	X	
5	central	✓	X	X	X	X	✓ moderate	X	X	
6	Northeast	✓	X	X	X	X	✓ moderate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

**Details:** according to satellite imagery analysis, the northern, southern, western and southwestern areas are cold air mass. The central, northeastern, southeastern and northwestern areas are worm air mass whit (High UTH). The southeastern area has weak dust. The western area is cloudy sky. The all regions have moderate water vapor which the exception of eastern and southeastern areas are weak water vapor.

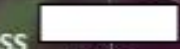
Reported by: Mohammad Jawed Moradi

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

UTC: 2026-04-12 08:45



AirMass



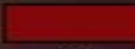
Thick, high-level cloud



Thick, mid-level cloud



Thick, low-level cloud



Jet



Cold Airmass (high UTH)



Warm Airmass (high UTH)



Warm Airmass (low UTH)

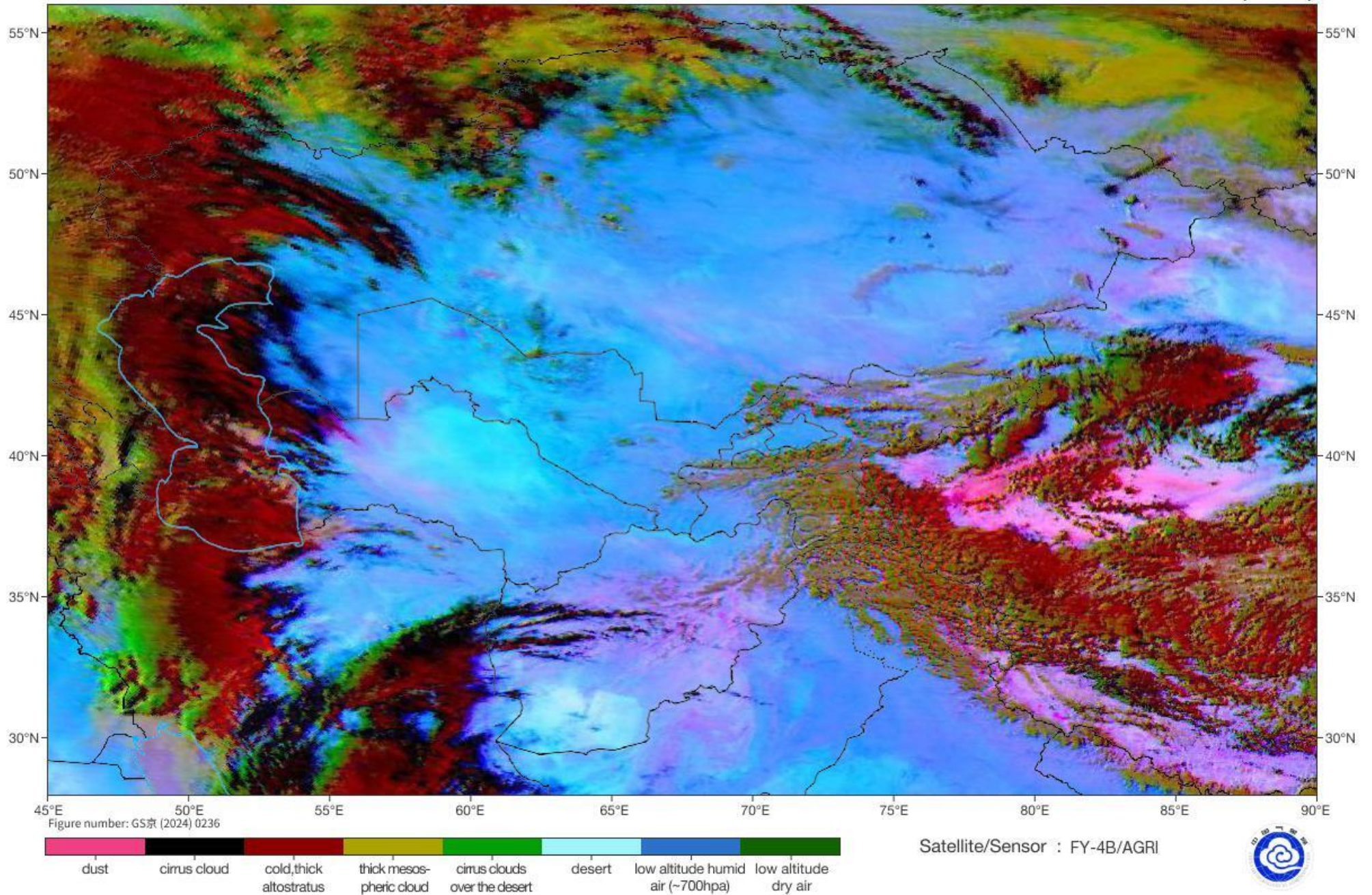
R = WV (6.25) - WV (7.1)  
G = IR (8.5) - IR (10.8)  
B = WV (6.25)

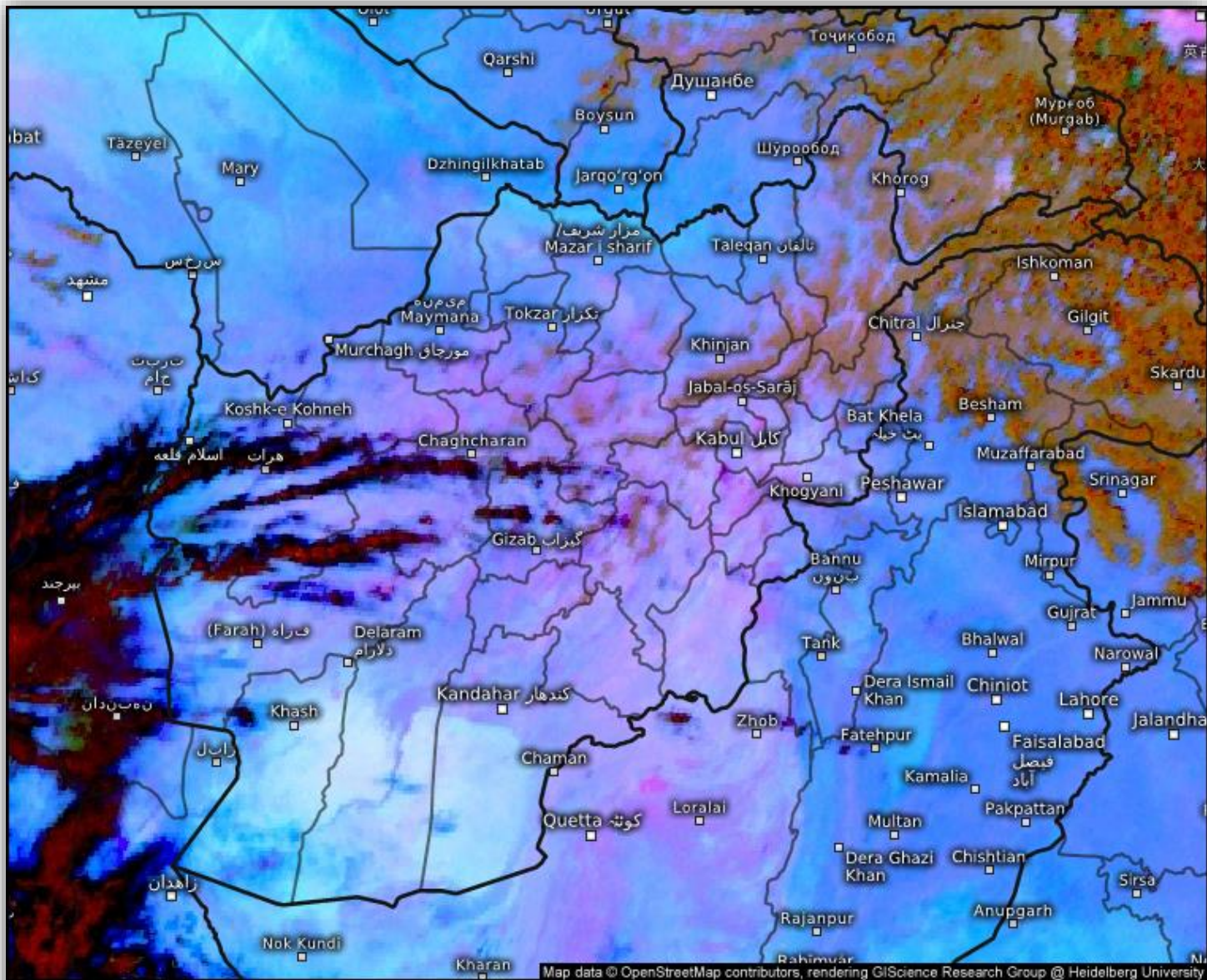
**FY-4B AirMass RGB Composite (From WMO)**



# Sand And Dust Identification

2026-04-12 09:00(UTC)





## Satellite Dust

Sun 04/12/2026, 01:30pm GMT+0430

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Afghanistan



Satellite data: EUMETSAT

# Cloud Top Height

2026-04-12 08:45(UTC)

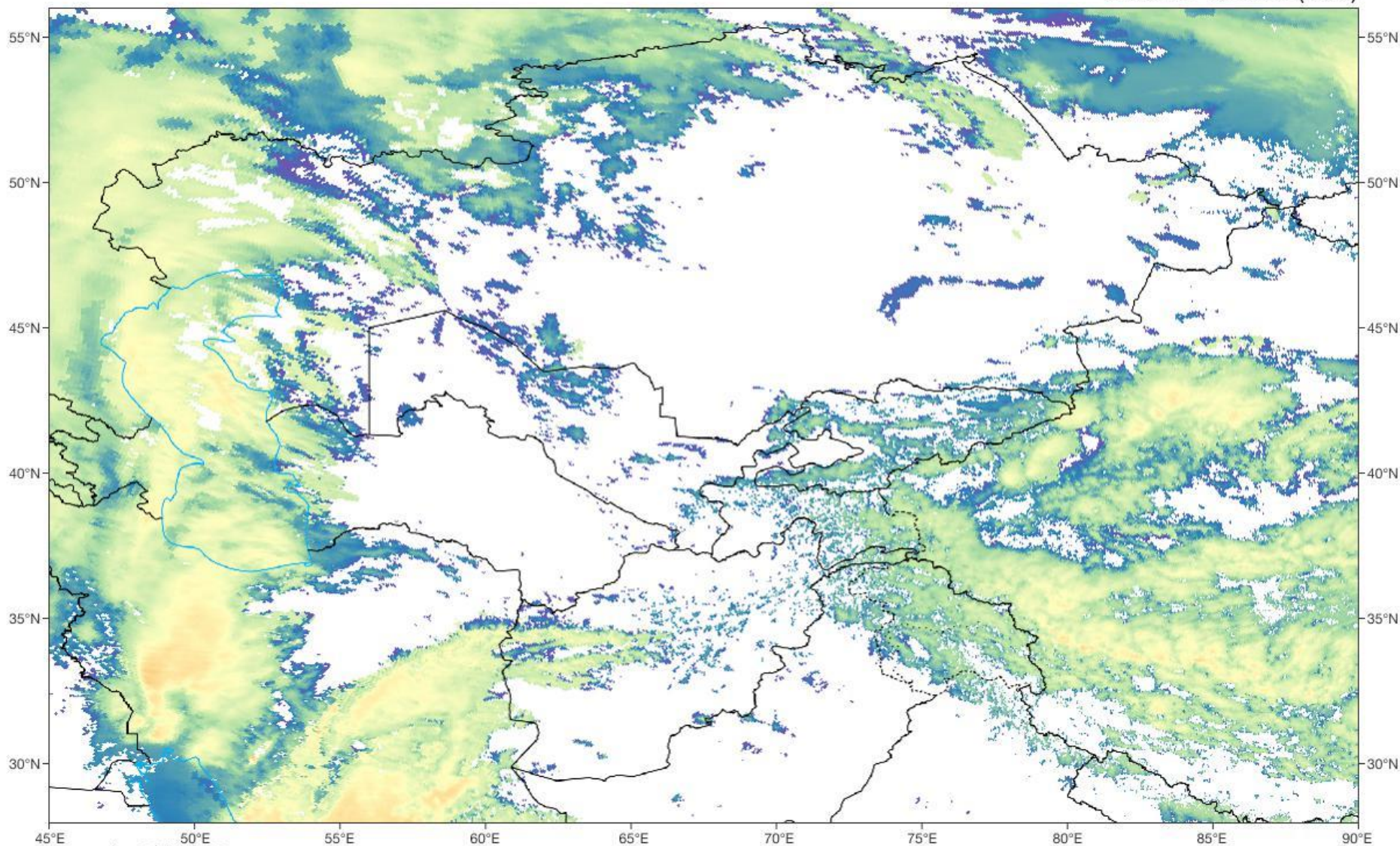
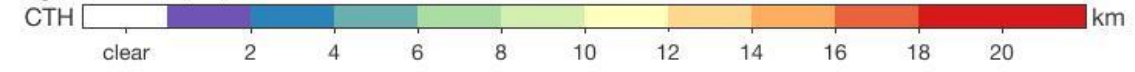


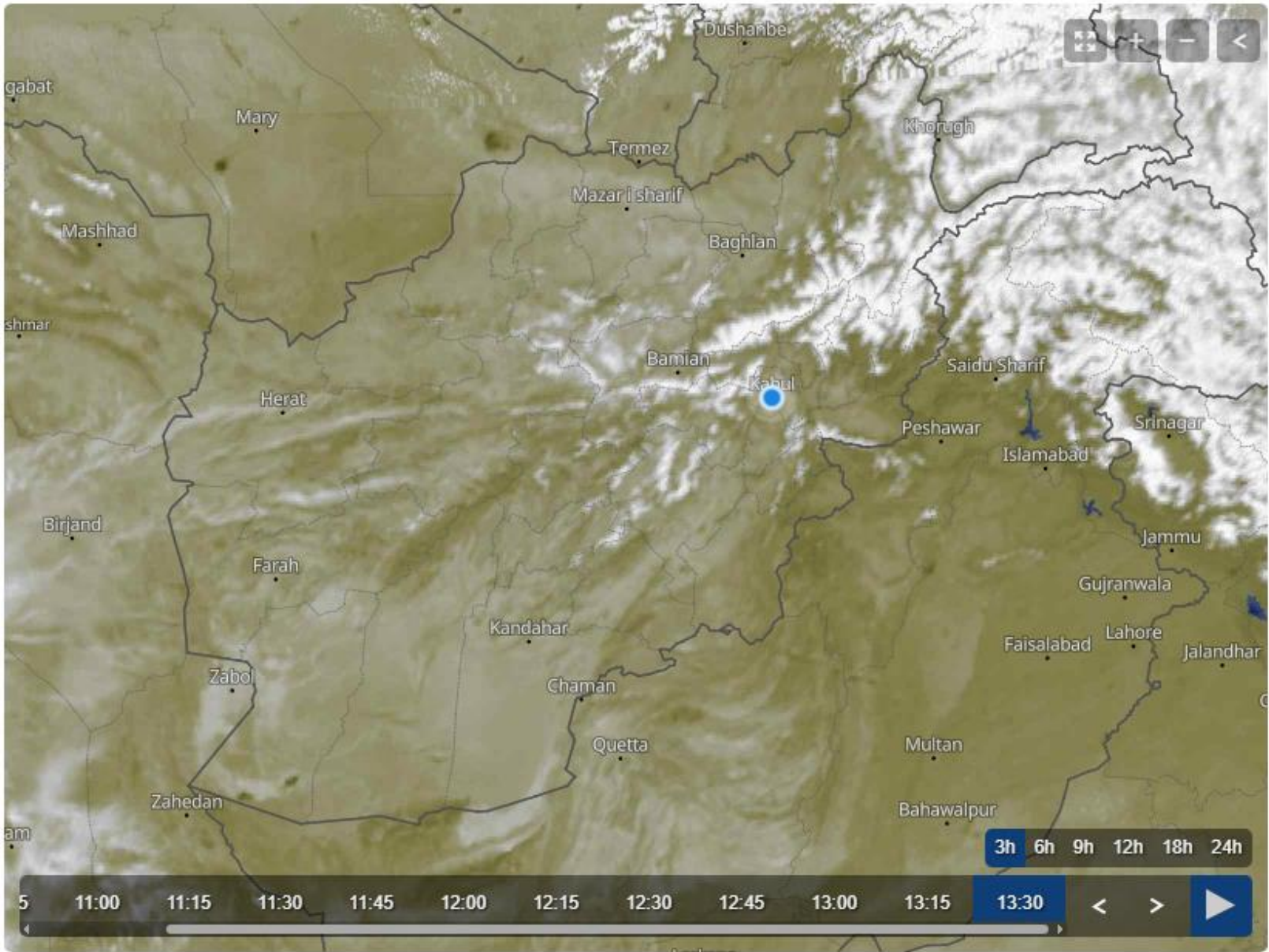
Figure number: GS京(2024)0236



Satellite/Sensor : FY-4B/AGRI



# Live satellite map, Afghanistan



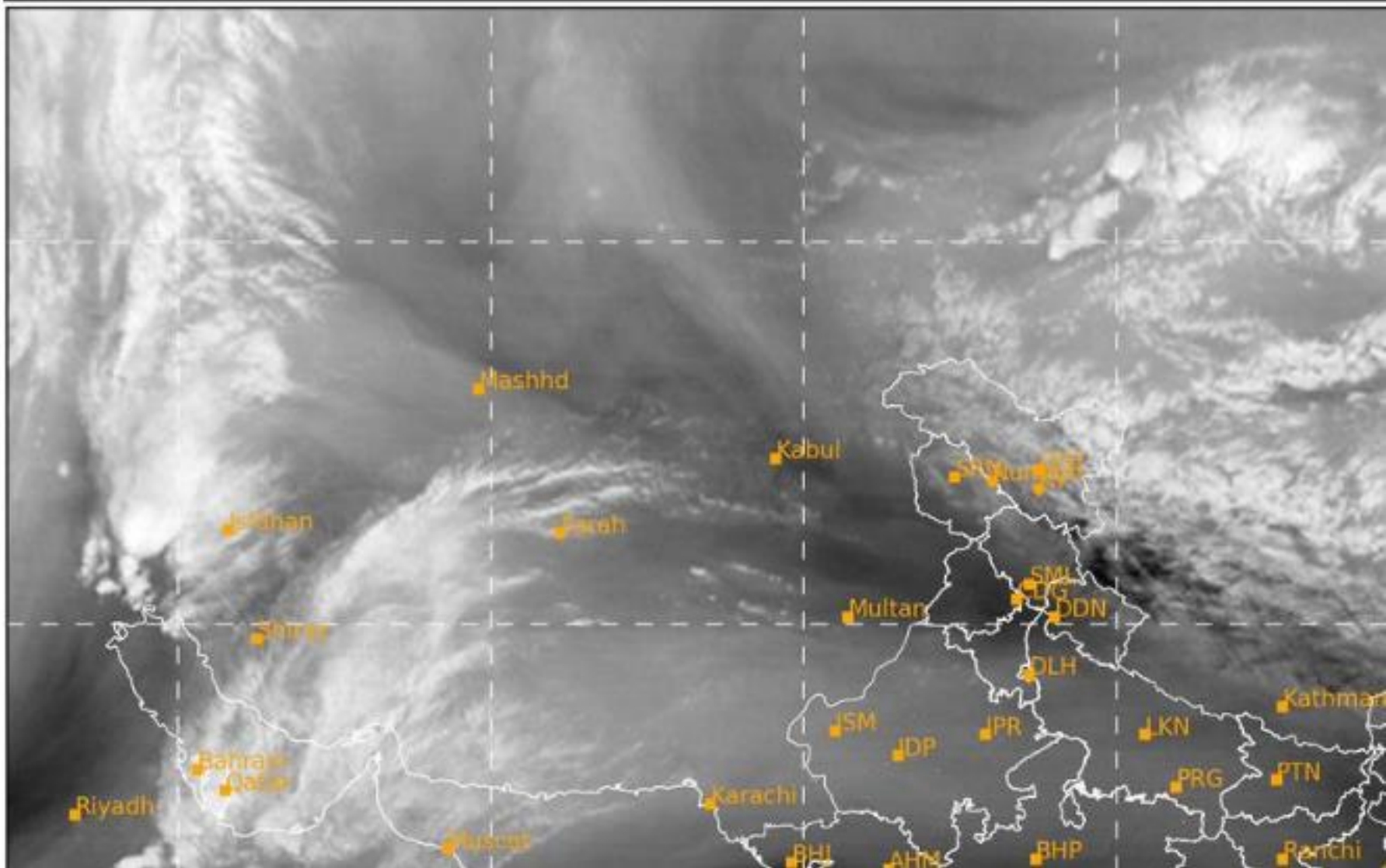
SAT : INSAT-3DR IMG

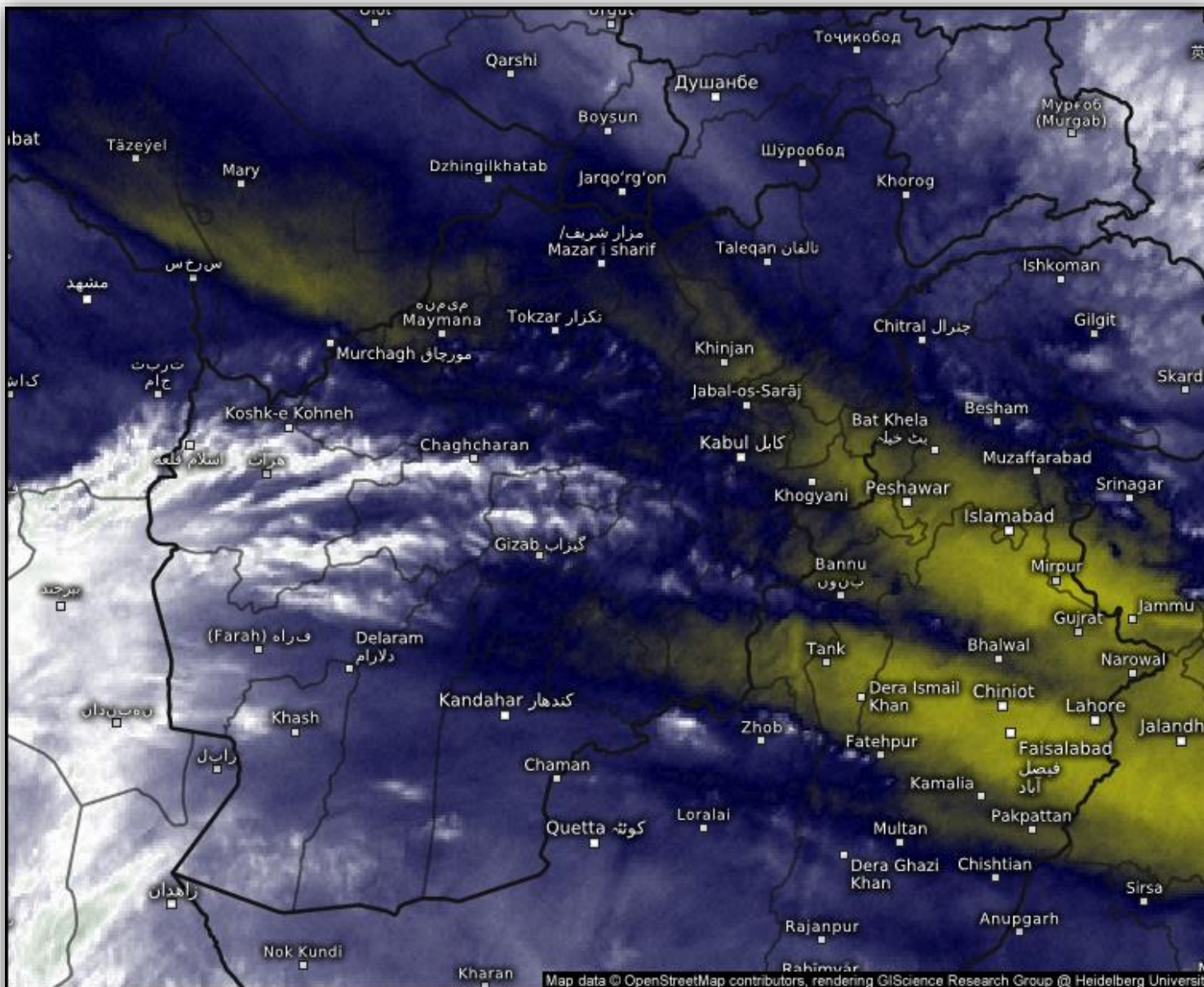
IMG\_WV 6.8 um

L1C Mercator

12-04-2026/(0745 to 0812) GMT

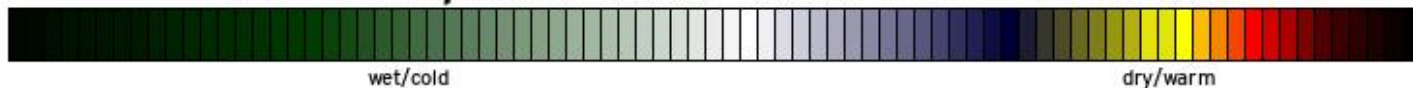
12-04-2026/(1315 to 1342) IST





## Satellite Water Vapor

Sun 04/12/2026, 01:30pm GMT+0430



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 Afghanistan

meteologix

Satellite data: EUMETSAT

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

12-04-2026/(0745 to 0812) GMT  
12-04-2026/(1315 to 1342) IST

