



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



**Daily reports of Satellite imagery analysis. Date & Time: 16-04-2026, 07:30 UTC**

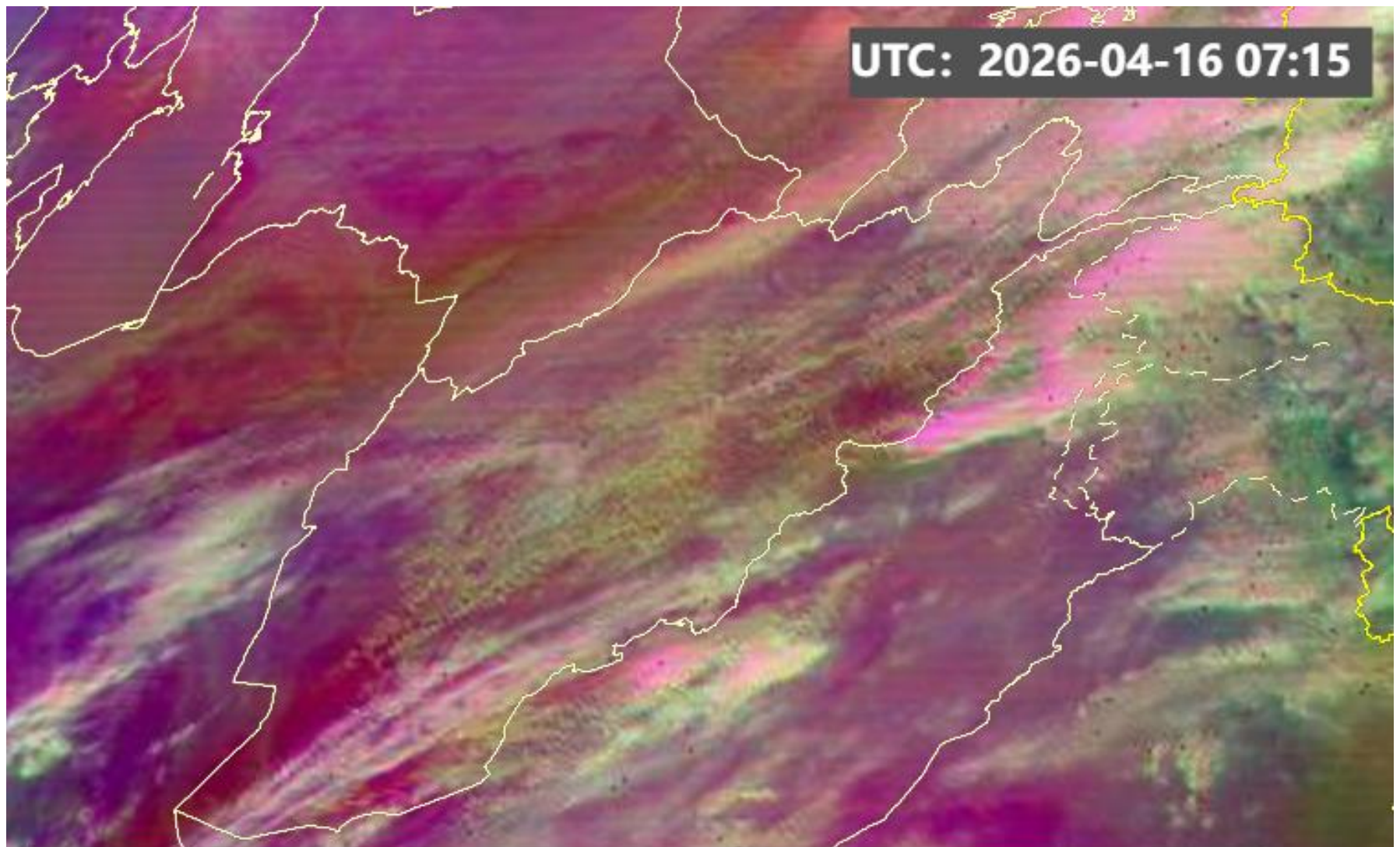
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	✓	X	✓ moderate	X	X	
2	South	✓	X	X	✓	X	✓ moderate	X	X	
3	West	✓	X	X	X	X	✓ moderate	X	X	
4	East	X	X	X	✓	X	✓ moderate	X	X	
5	central	X	X	X	✓	X	✓ moderate	X	X	
6	Northeast	X	X	X	✓	X	✓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

**Details:** according to satellite imagery analysis, the southern, western and southwestern areas are cold air mass. The southwestern area is dust storm. The all regions are partly cloudy sky. The all regions are moderate water vapor.

Reported by: Mohammad Jawed Moradi

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

UTC: 2026-04-16 07:15



**AirMass**

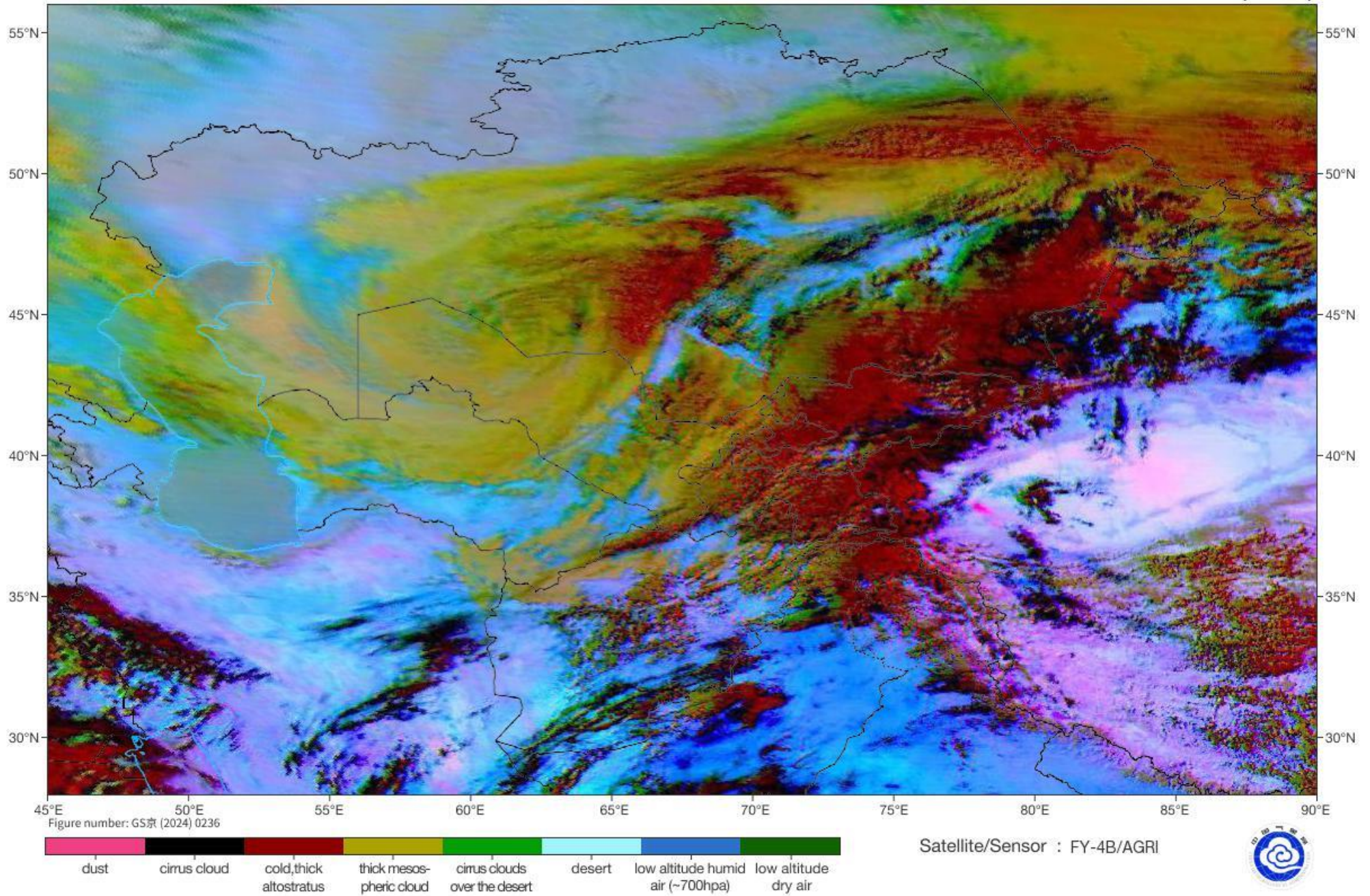
							$R = WV(6.25) - WV(7.1)$
Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)	$G = IR(8.5) - IR(10.8)$
							$B = WV(6.25)$

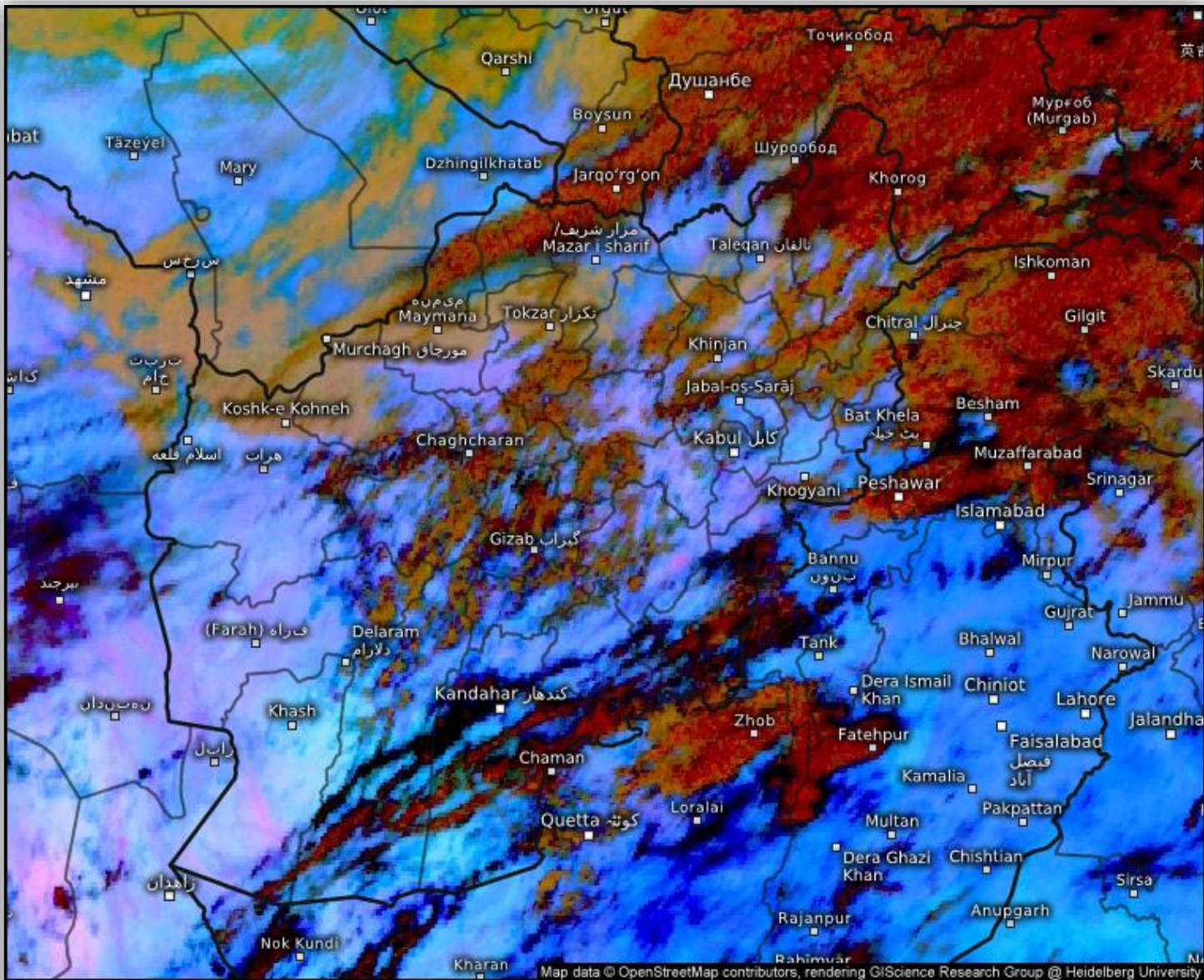
**FY-4B AirMass RGB Composite (From WMO)**



# Sand And Dust Identification

2026-04-16 07:30(UTC)





## Satellite Dust

Thu 04/16/2026, 12:00pm GMT+0430

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Afghanistan



Satellite data: EUMETSAT

# Cloud Top Height

2026-04-16 07:15(UTC)

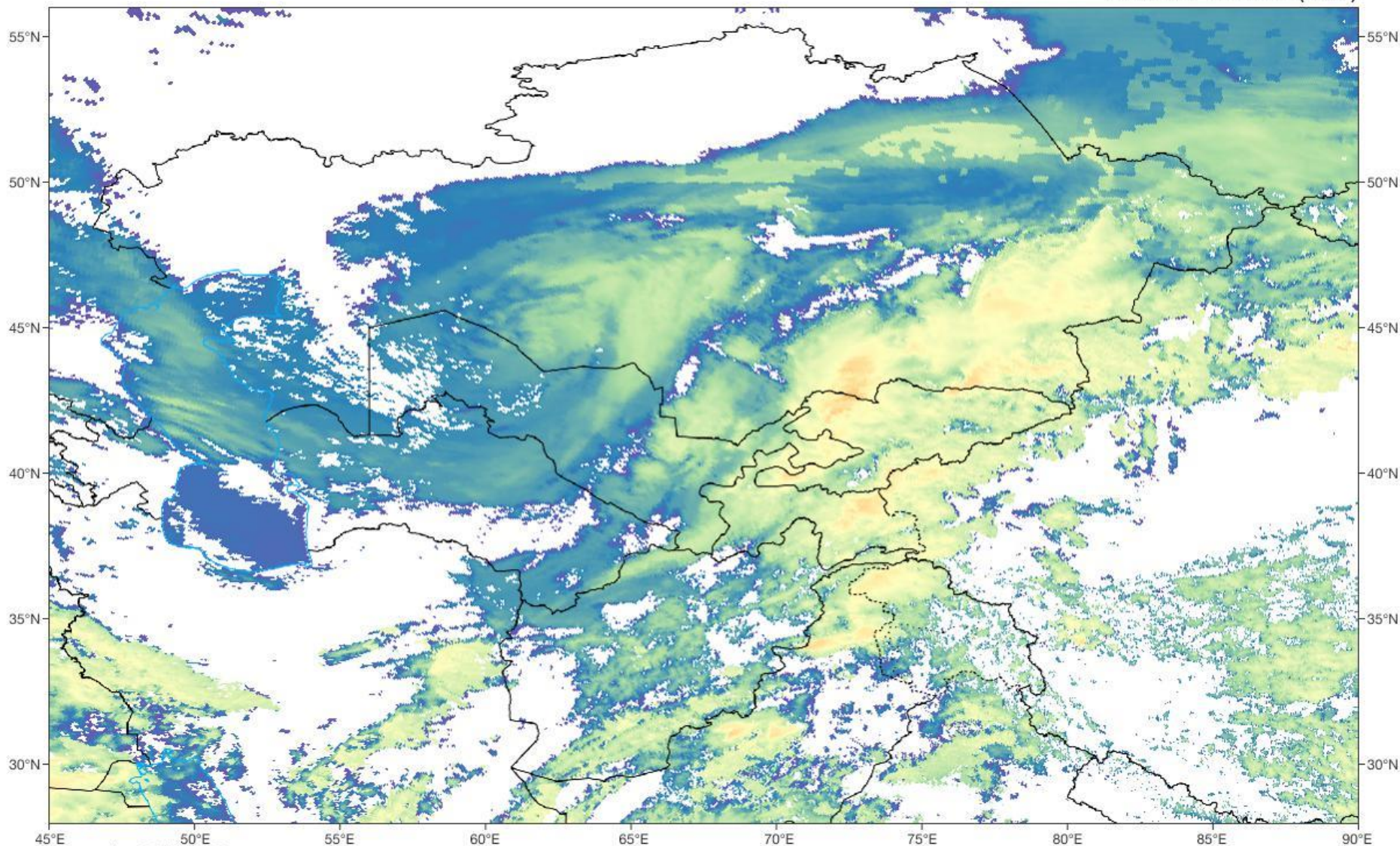
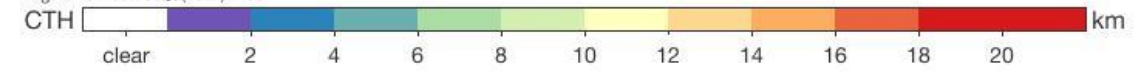


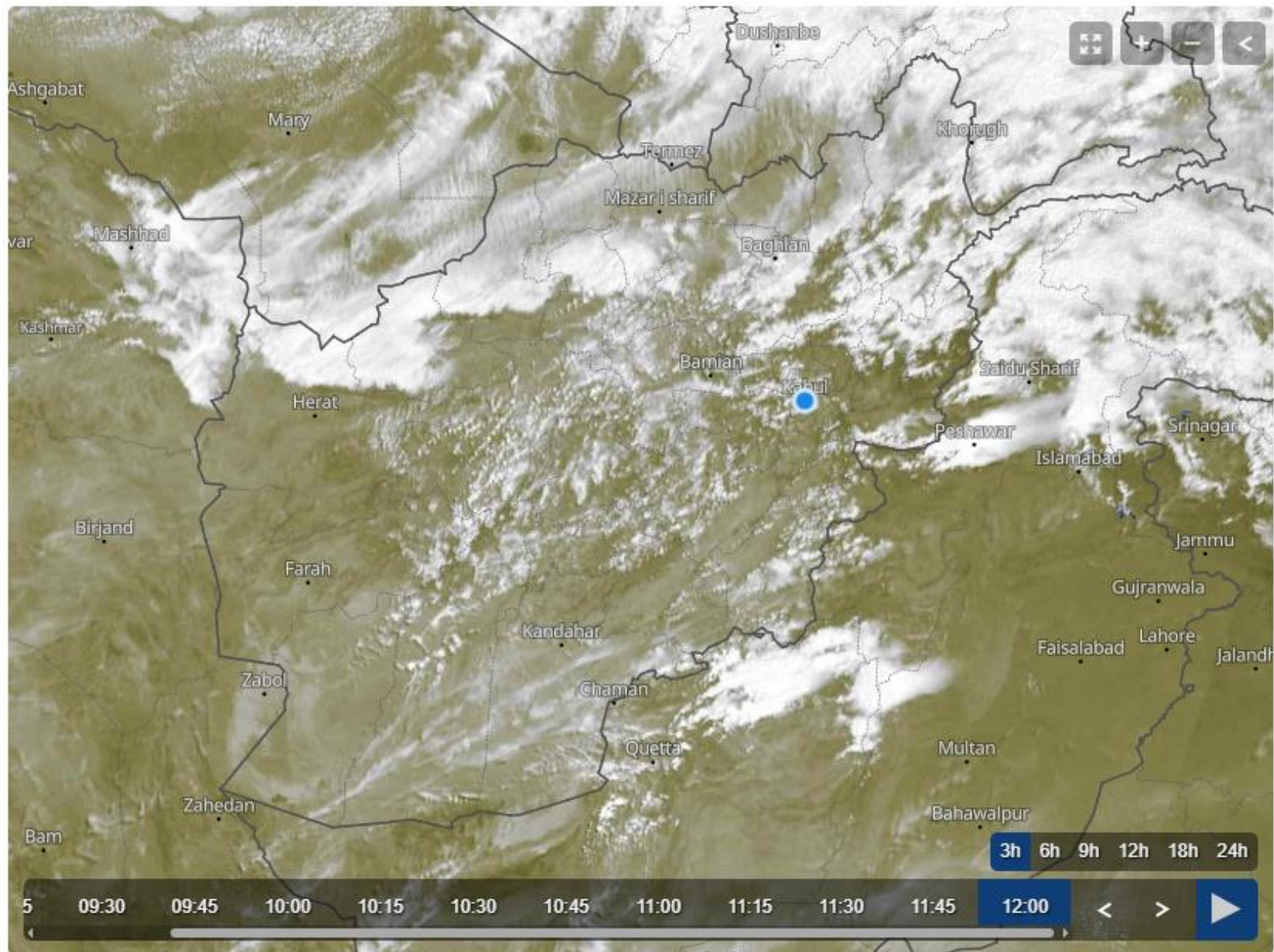
Figure number: GS京 (2024) 0236



Satellite/Sensor : FY-4B/AGRI

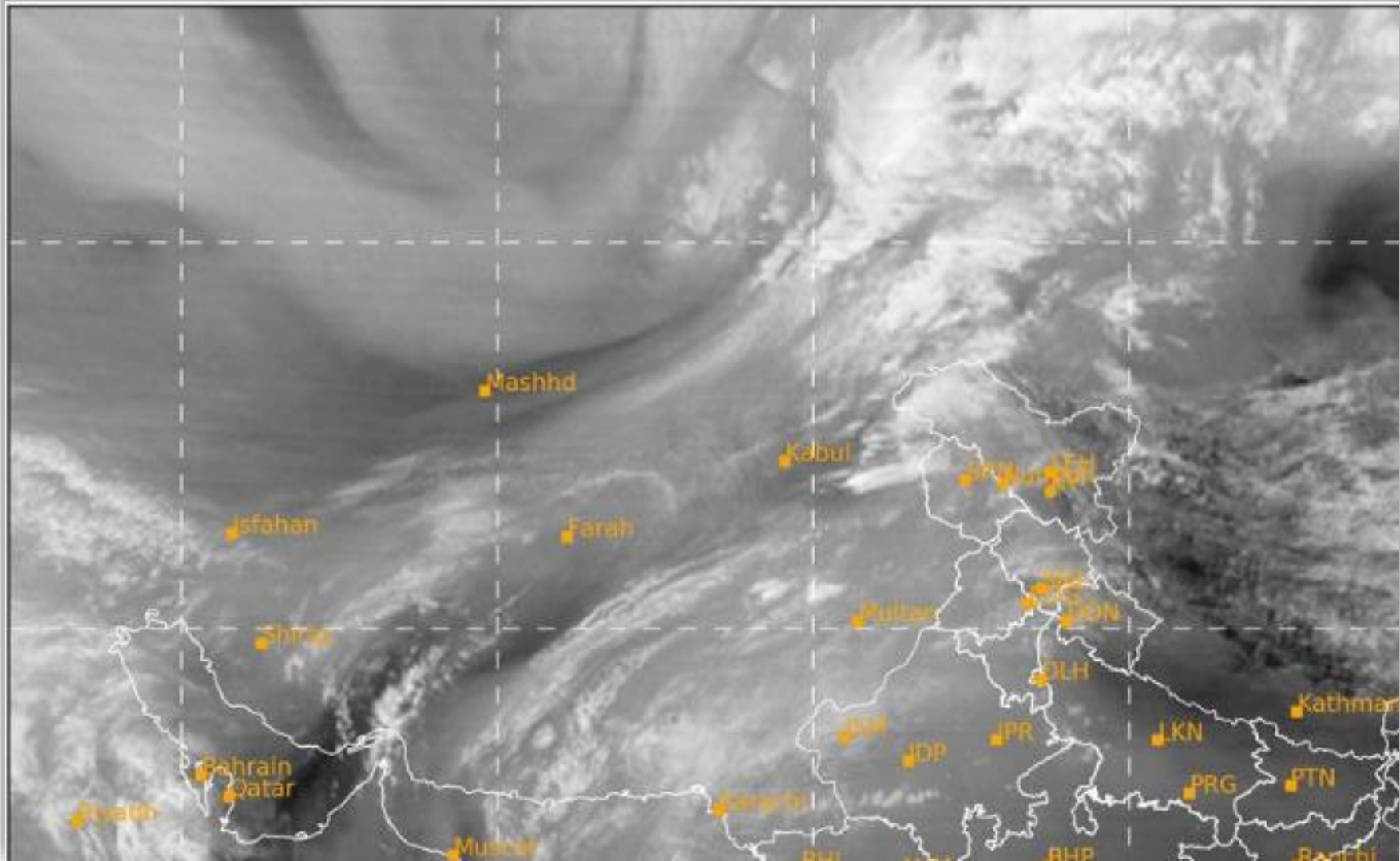


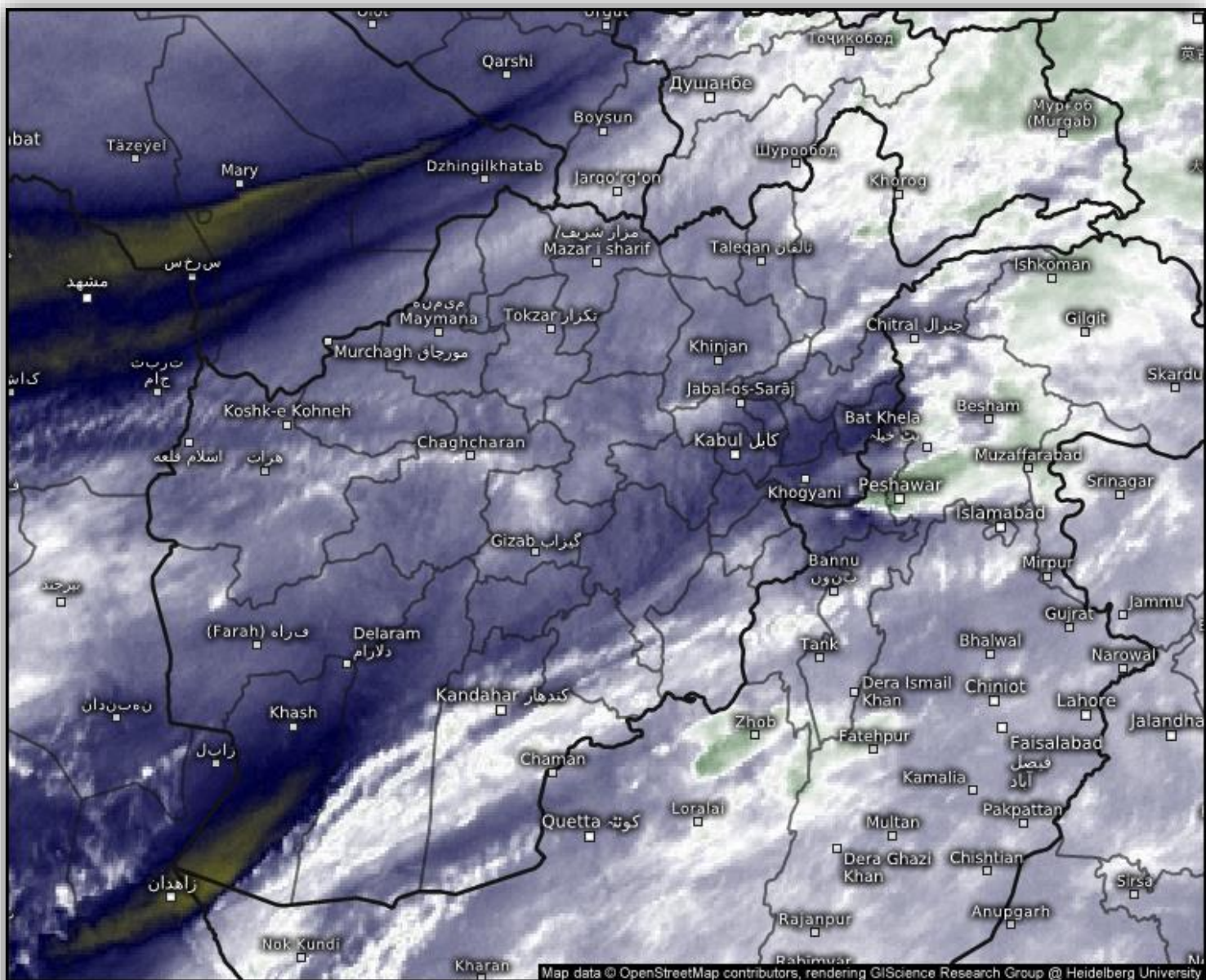
## Live satellite map, Afghanistan



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

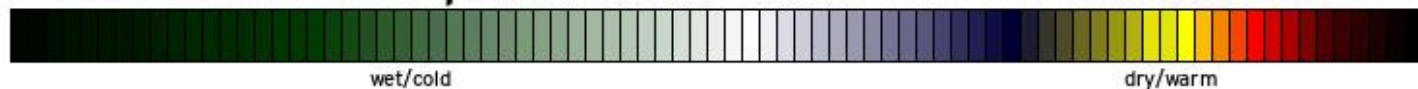
16-04-2026/(0645 to 0712) GMT  
16-04-2026/(1215 to 1242) IST





## Satellite Water Vapor

Thu 04/16/2026, 12:00pm GMT+0430



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 Afghanistan



Satellite data: EUMETSAT

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

16-04-2026/(0645 to 0712) GMT  
16-04-2026/(1215 to 1242) IST

