



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



**Daily reports of Satellite imagery analysis. Date & Time: 16-06-2026, 09:00 UTC**

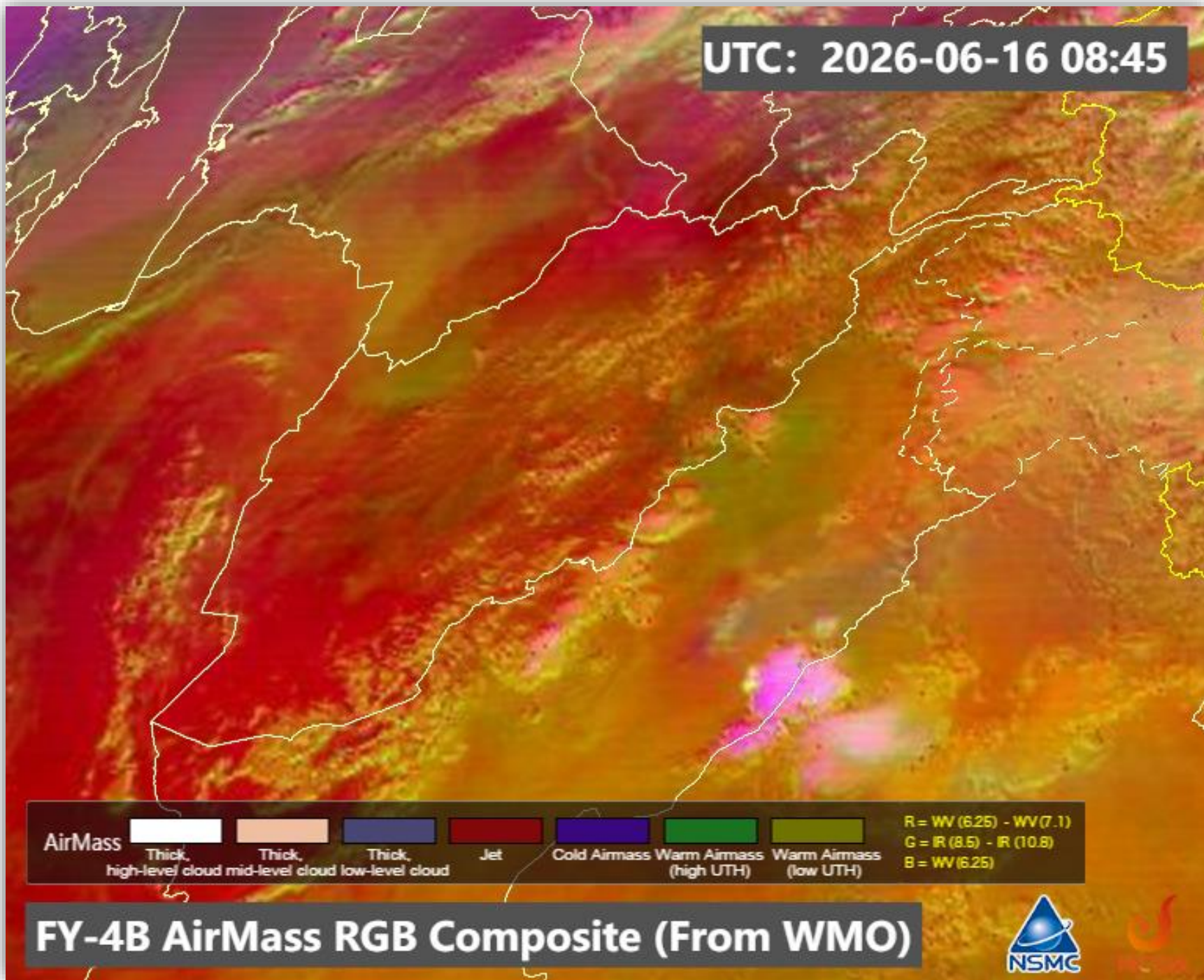
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	X	X	✓ weak	X	✓	
2	South	X	✓	X	✓	X	✓ weak	X	✓	
3	West	X	✓	X	X	X	✓ dry	X	✓	
4	East	X	✓	X	X	X	✓ dry	X	X	
5	central	X	X	X	✓	X	✓ weak	X	X	
6	Northeast	X	X	X	✓	X	✓ weak	X	X	
7	Southeast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

**Details:** according to satellite imagery analysis, the southern, western, eastern and southeastern areas are weak dust but the northwestern area is dust storm. The southern, central, northeastern and southeastern areas are partly cloudy sky. The all regions are weak water vapor which the exception of western, eastern and northwestern areas are dry. The northern, southern, western and southwestern areas are Jetstream.

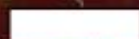
Reported by: Mohammad Jawed Moradi.

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

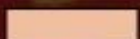
UTC: 2026-06-16 08:45



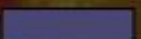
AirMass



Thick, high-level cloud



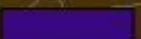
Thick, mid-level cloud



Thick, low-level cloud



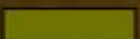
Jet



Cold Airmass



Warm Airmass (high UTH)



Warm Airmass (low UTH)

R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

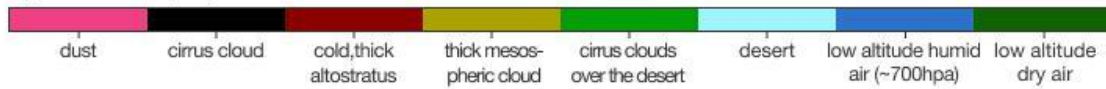
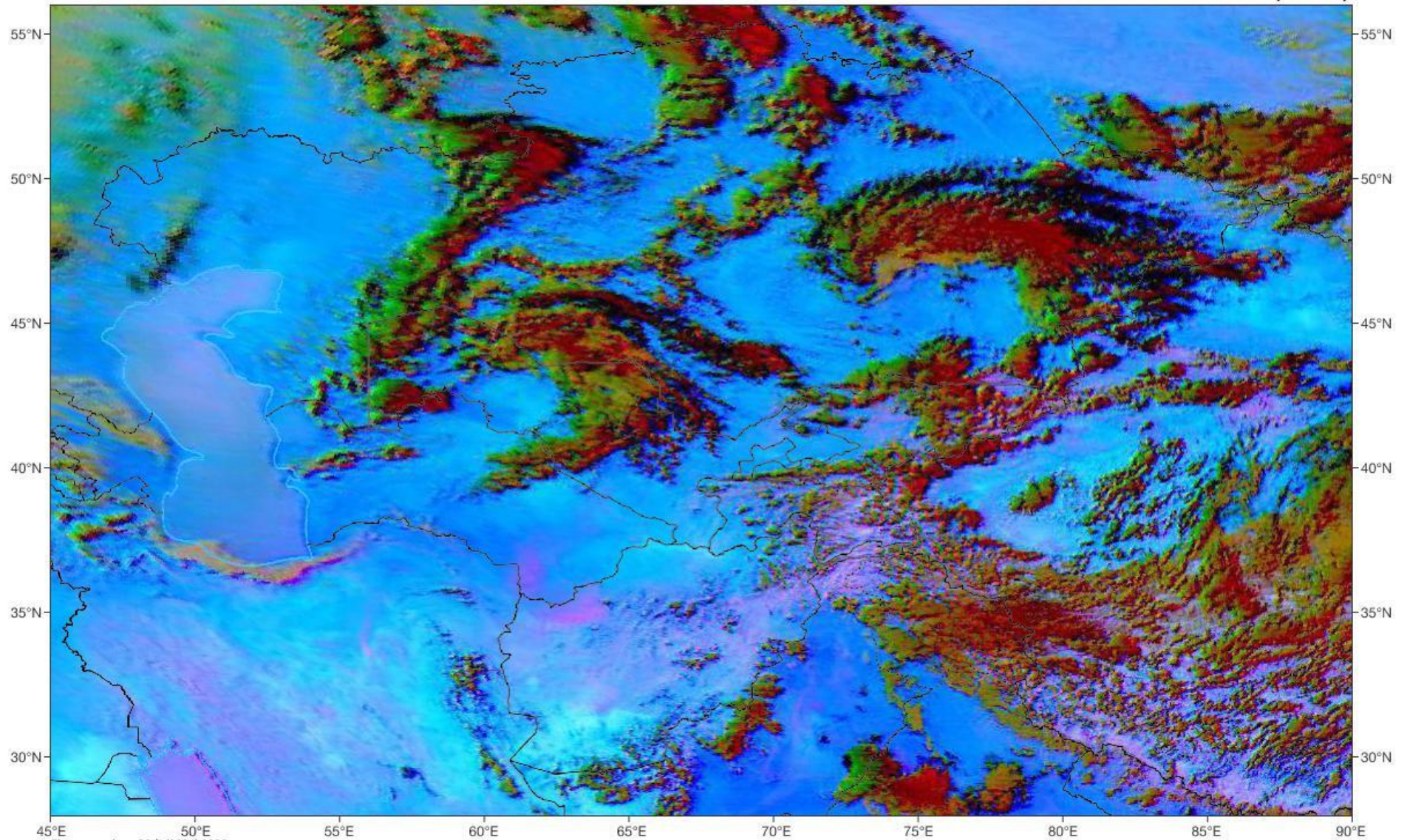
B = WV (6.25)

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



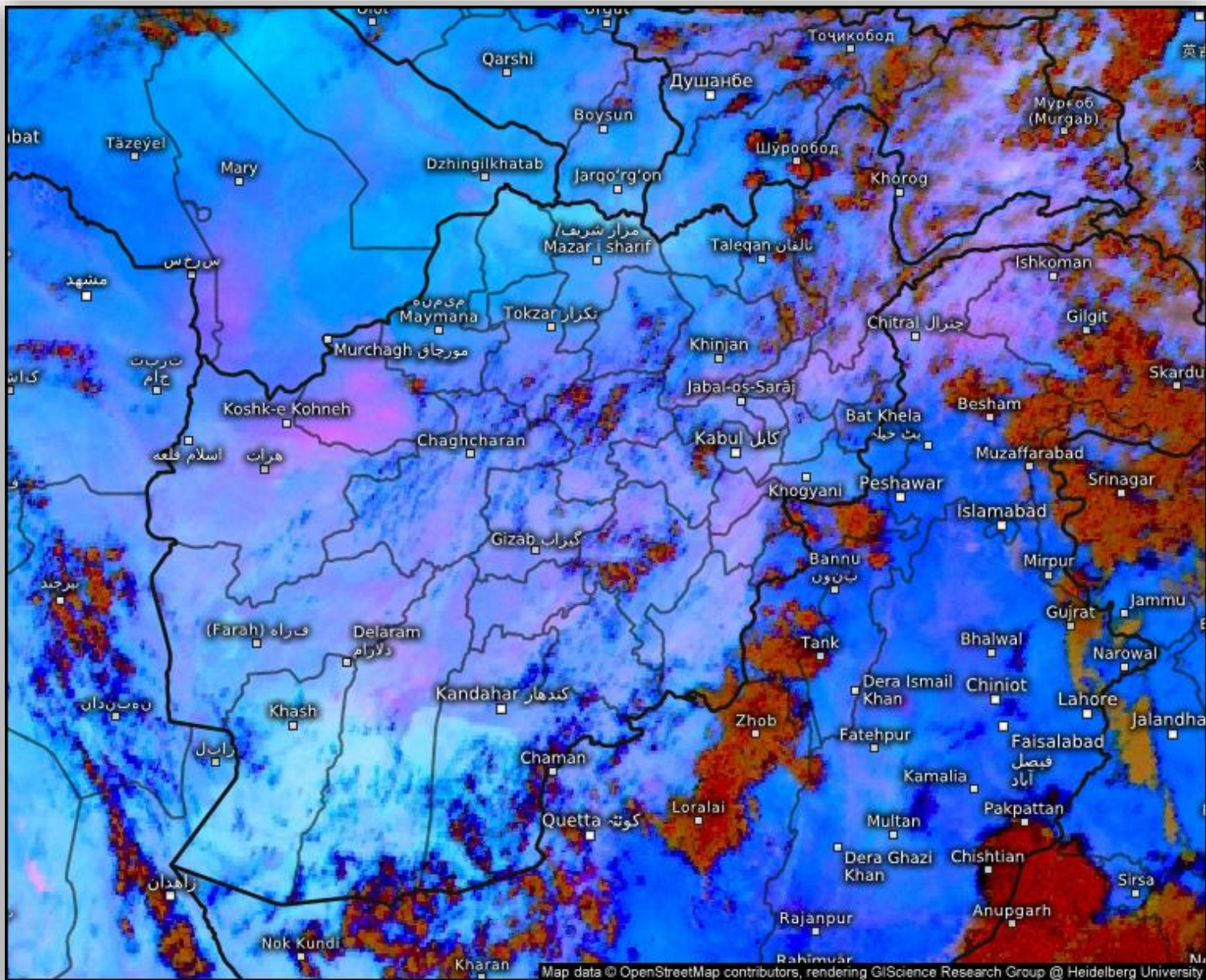
# Sand And Dust Identification

2026-06-16 09:00(UTC)



Satellite/Sensor : FY-4B/AGRI





## Satellite Dust

Tue 06/16/2026, 01:30pm GMT+0430

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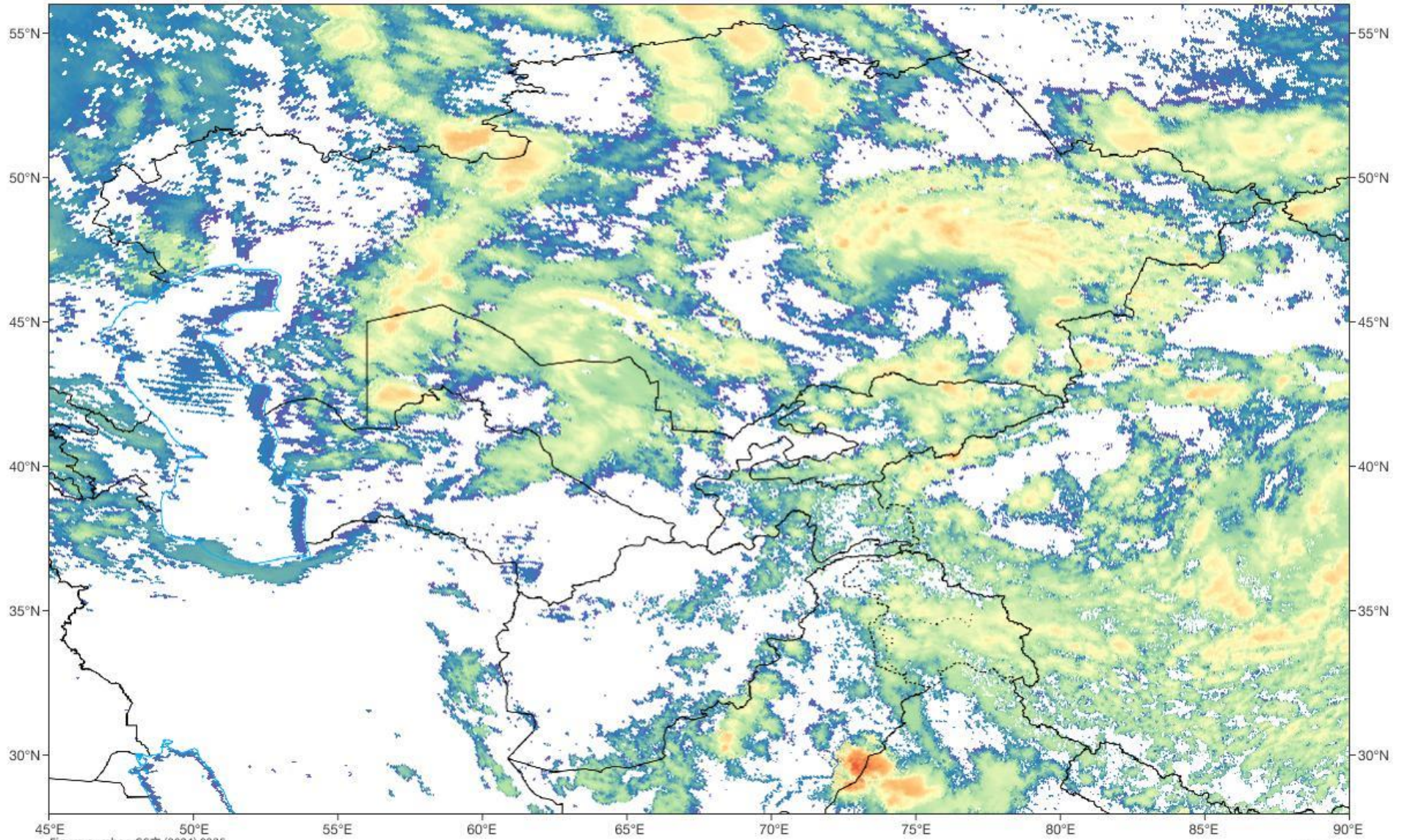
Afghanistan



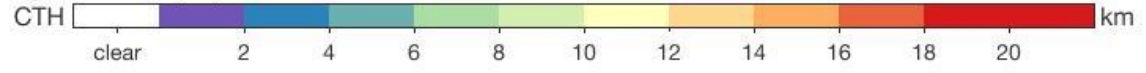
Satellite data: EUMETSAT

# Cloud Top Height

2026-06-16 08:45(UTC)



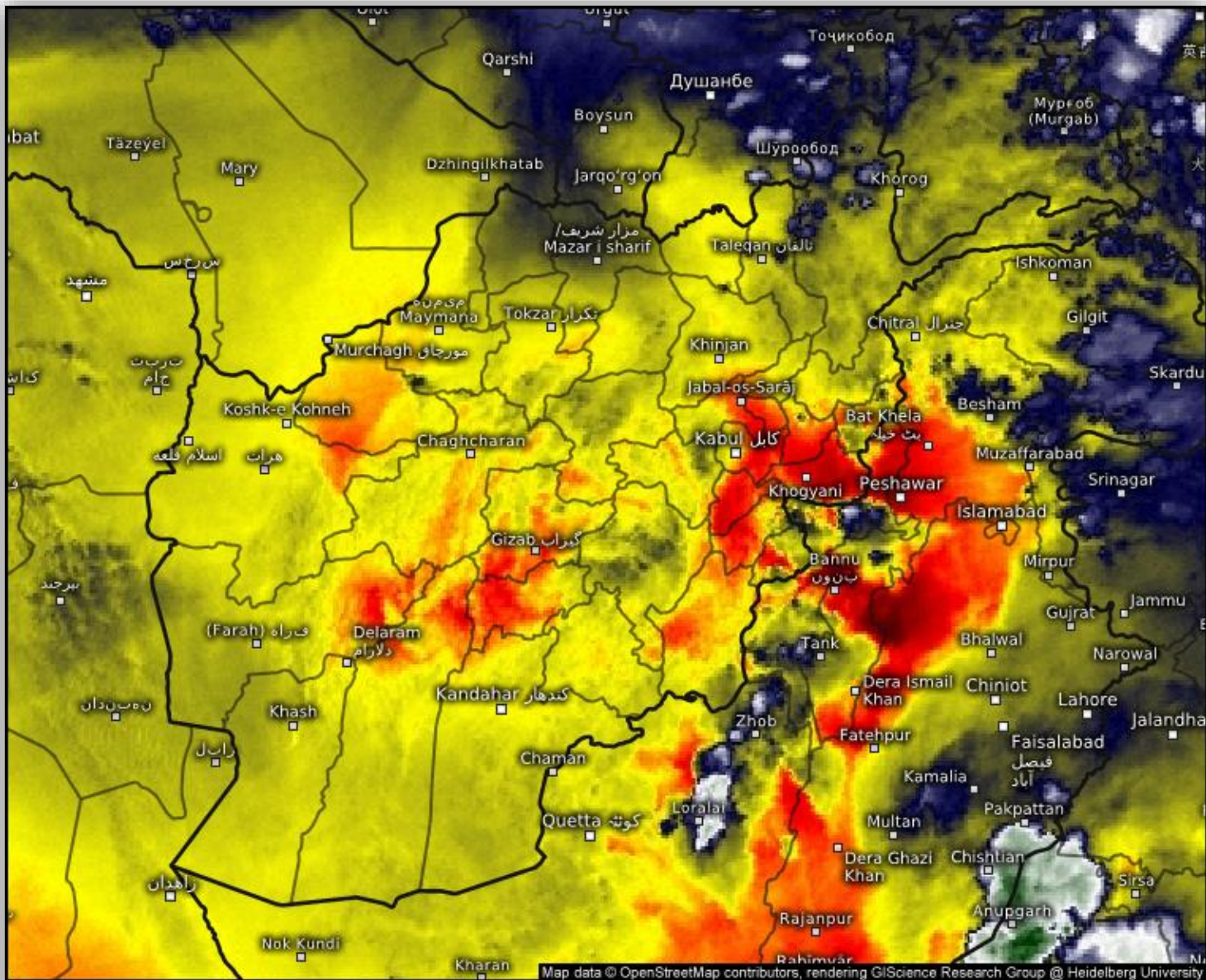
45°E 50°E 55°E 60°E 65°E 70°E 75°E 80°E 85°E 90°E  
Figure number: GS京 (2024) 0236



Satellite/Sensor : FY-4B/AGRI

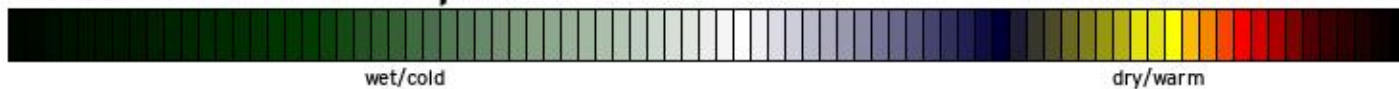






## Satellite Water Vapor

Tue 06/16/2026, 01:30pm GMT+0430



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 Afghanistan

meteologix

Satellite data: EUMETSAT

SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
L1C Mercator

16-06-2026/(0715 to 0742) GMT  
16-06-2026/(1245 to 1312) IST

