



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



Daily reports of Satellite imagery analysis. Date & Time: 24-02-2026, 06:00 UTC

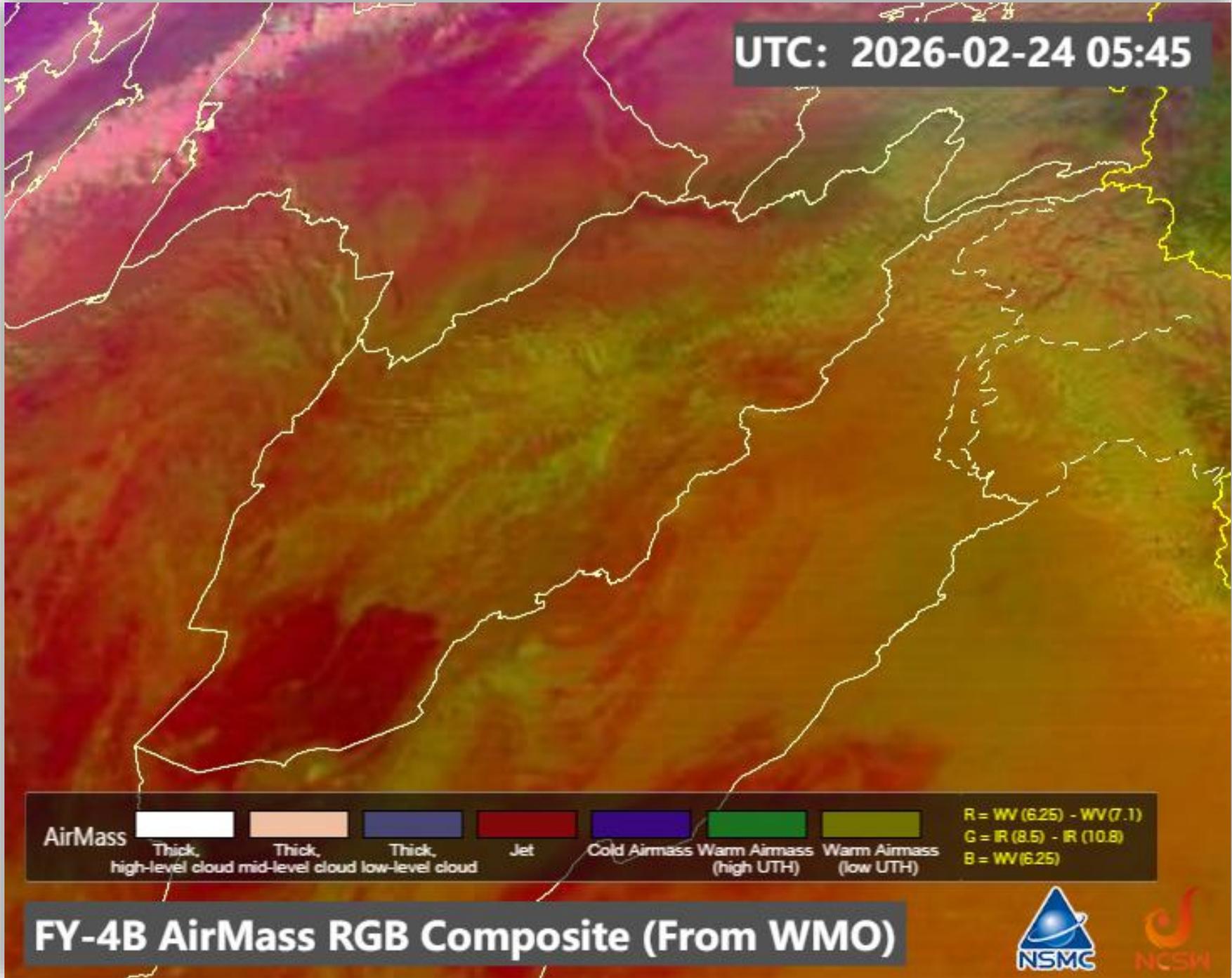
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	X	X	✓ weak	X	X	
2	South	X	✓	X	X	X	✓ dry	X	X	
3	West	✓	✓	X	X	X	✓ weak	X	X	
4	East	X	✓	X	X	X	✓ weak	X	X	
5	central	X	X	X	X	X	✓ weak	X	X	
6	Northeast	X	X	X	X	X	✓ moderate	X	X	
7	Southeast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

Details: according to satellite imagery analysis, the western, southeastern and northwestern areas have worm Air mass whit (High UTH). The southern, western, eastern and southeastern areas have weak dust. The northeastern area has moderate water vapor, the northern, western, eastern, central, southeastern, northwestern and southwestern areas have weak water vapor the southern area is dry.

Reported by: Mohammad Jawed Moradi

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

UTC: 2026-02-24 05:45



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

2026-02-24 06:00(UTC)

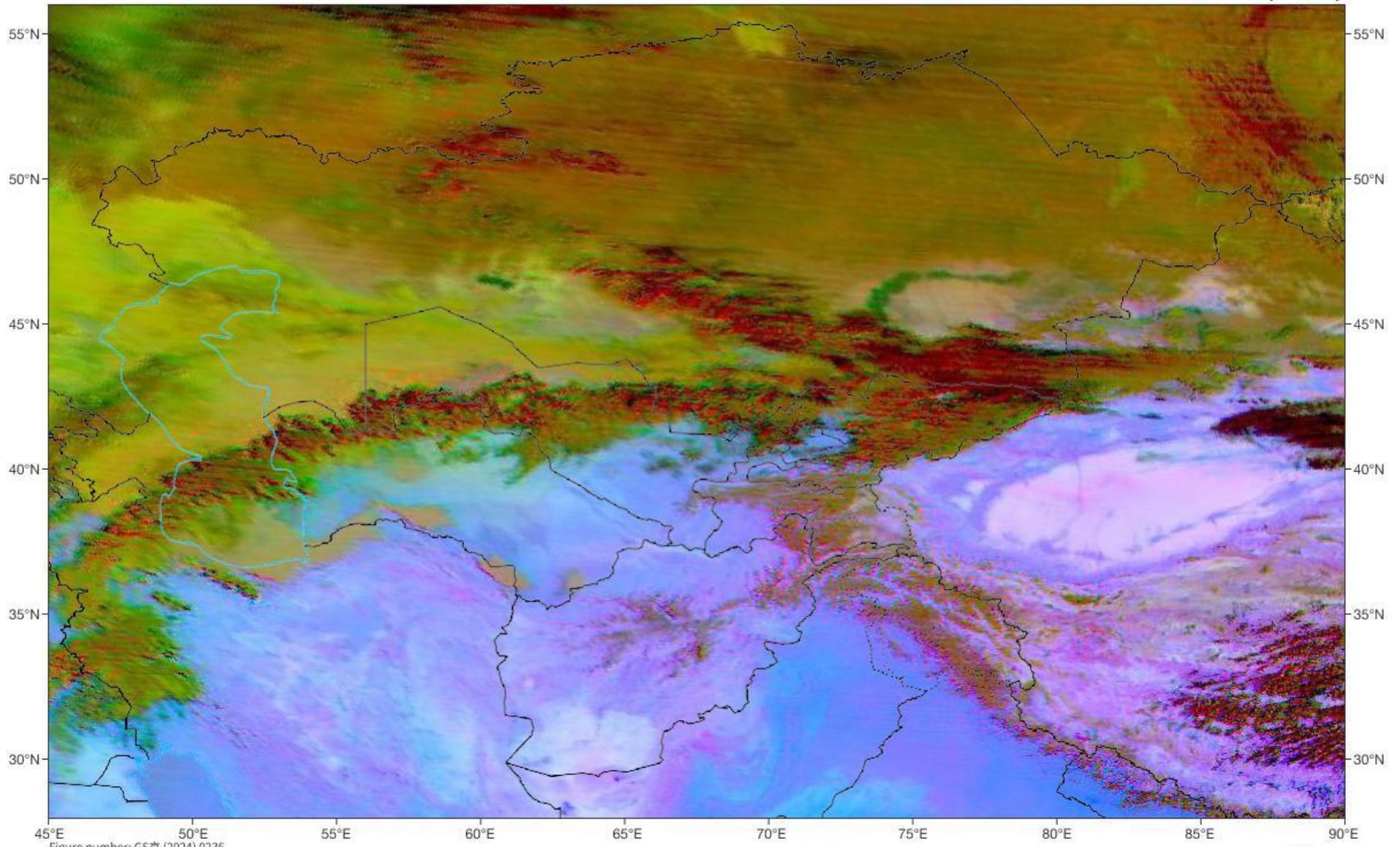
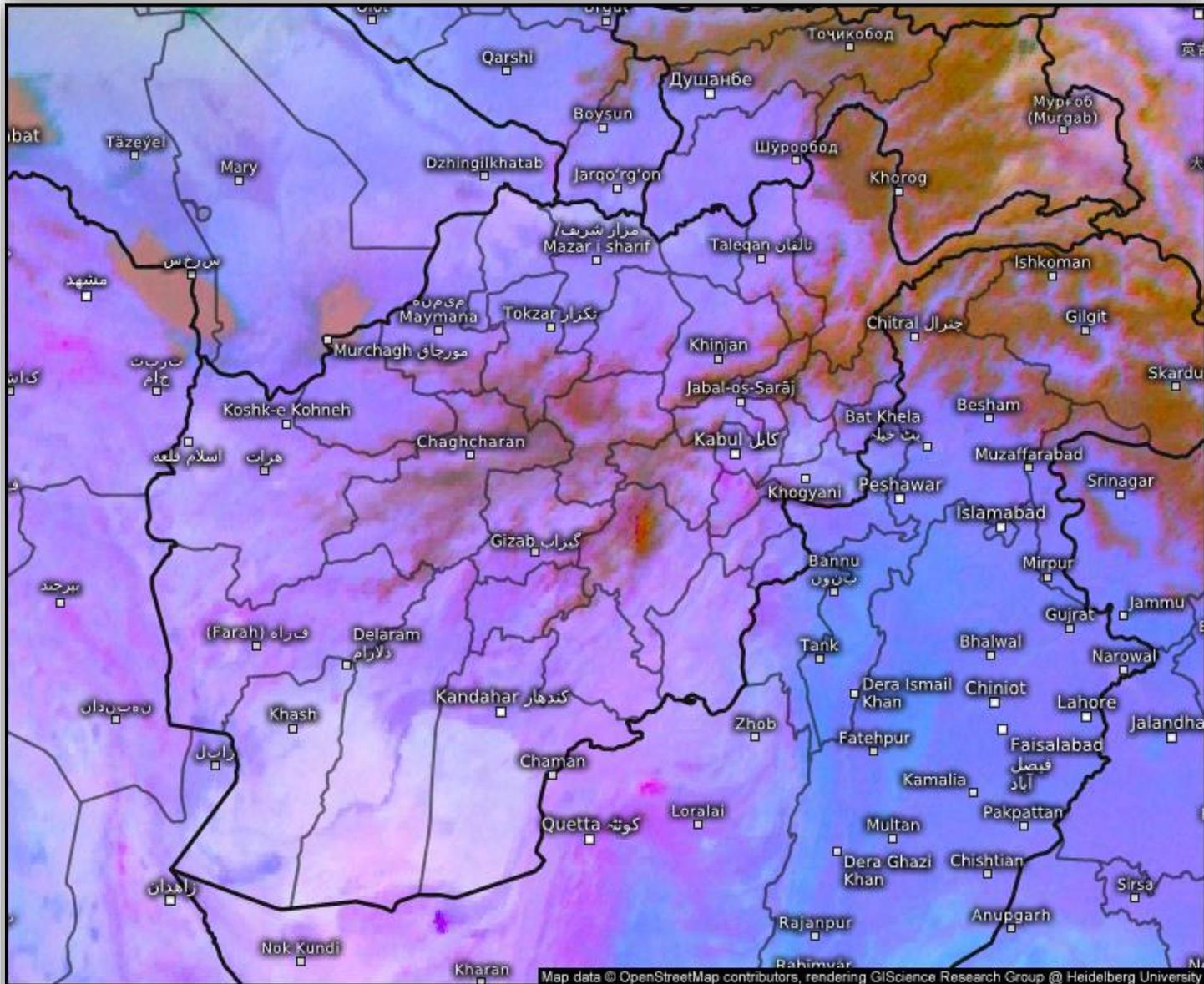


Figure number: GS京 (2024) 0236

Satellite/Sensor : FY-4B/AGRI



- dust
- cirrus cloud
- cold, thick altostratus
- thick mesospheric cloud
- cirrus clouds over the desert
- desert
- low altitude humid air (~700hpa)
- low altitude dry air



Satellite Dust

Tue 02/24/2026, 10:15am GMT+0430

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

Afghanistan

 **meteologix**

Satellite data: EUMETSAT

Cloud Top Height

2026-02-24 05:30(UTC)

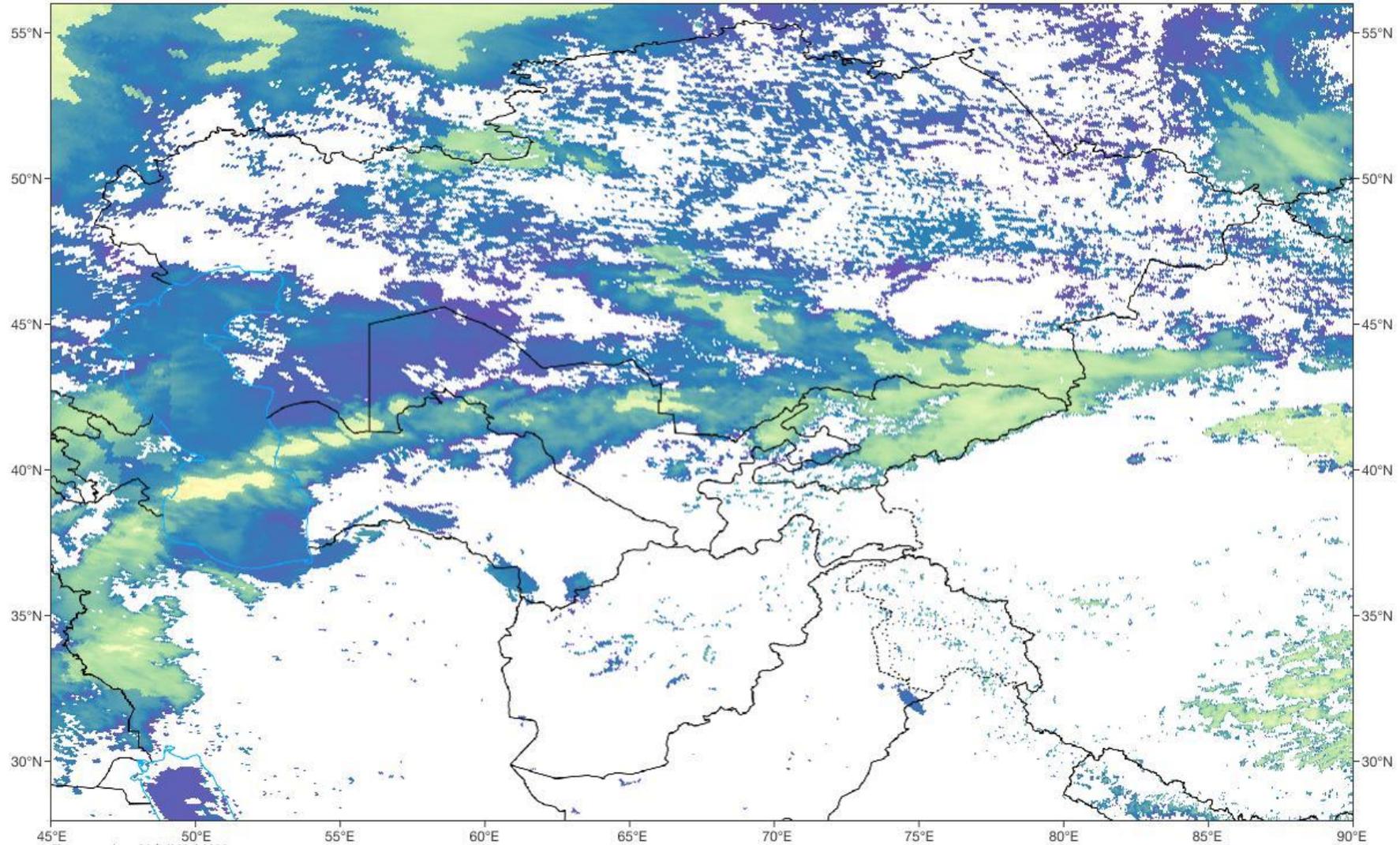


Figure number: GS京(2024)0236

CTH km

Satellite/Sensor : FY-4B/AGRI

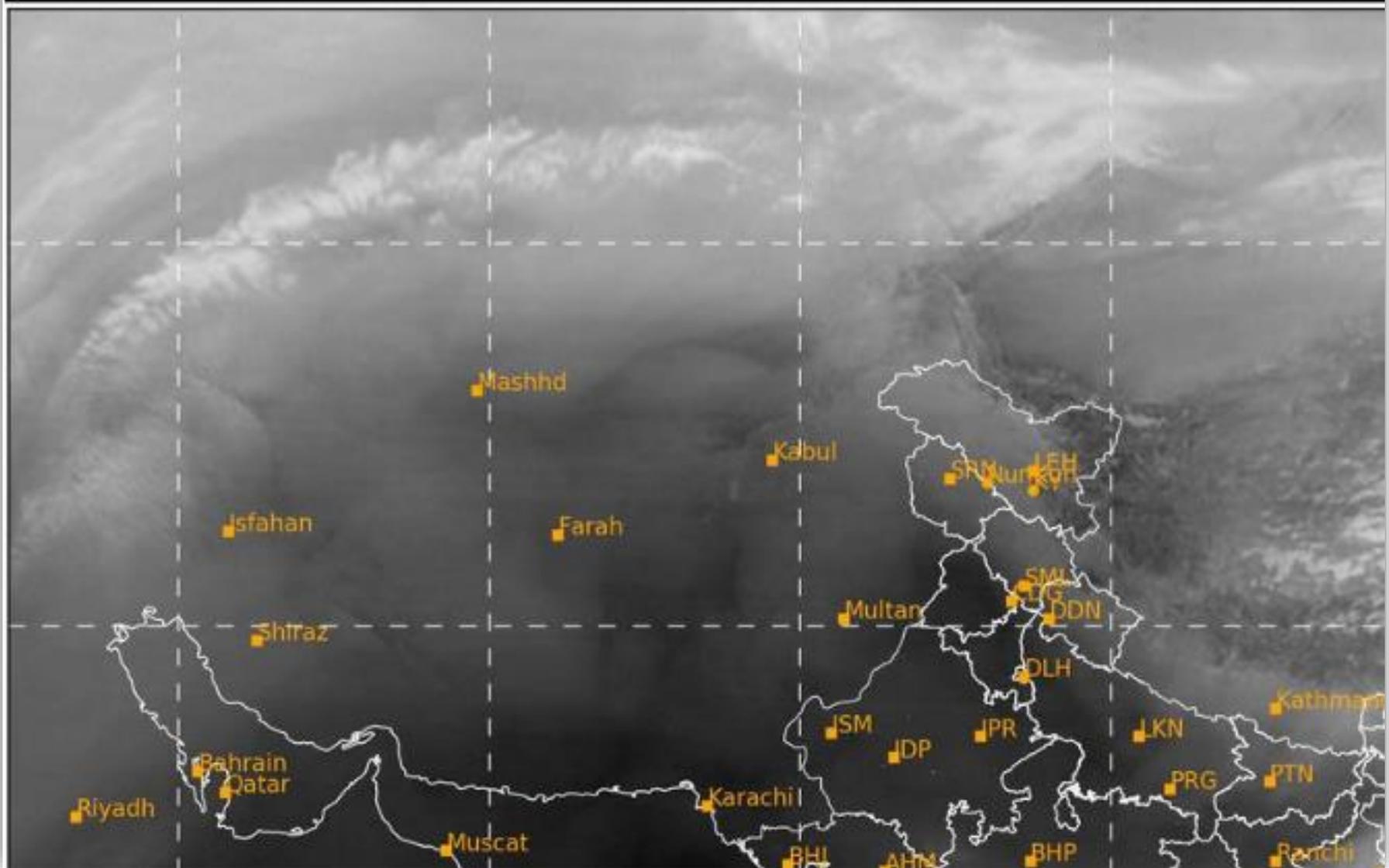


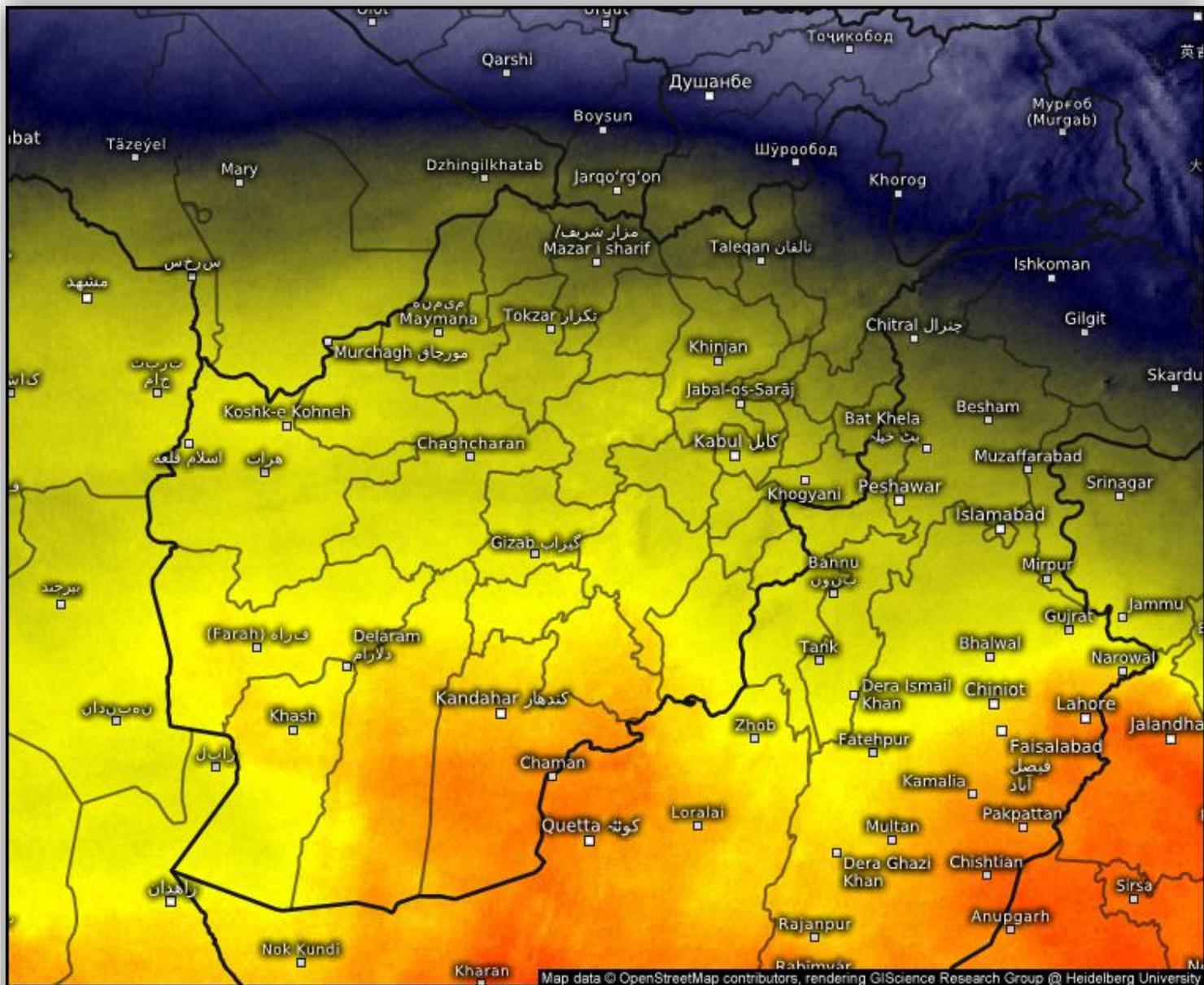
Live satellite map, Afghanistan



SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

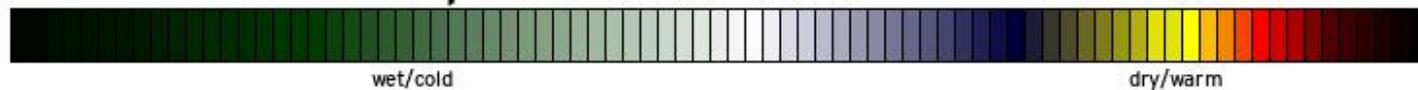
24-02-2026/(0515 to 0542) GMT
24-02-2026/(1045 to 1112) IST





Satellite Water Vapor

Tue 02/24/2026, 10:15am GMT+0430



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



Satellite data: EUMETSAT

SAT : INSAT-3DR IMG
Visible Count 0.65 um
L1C Mercator

24-02-2026/(0515 to 0542) GMT
24-02-2026/(1045 to 1112) IST

