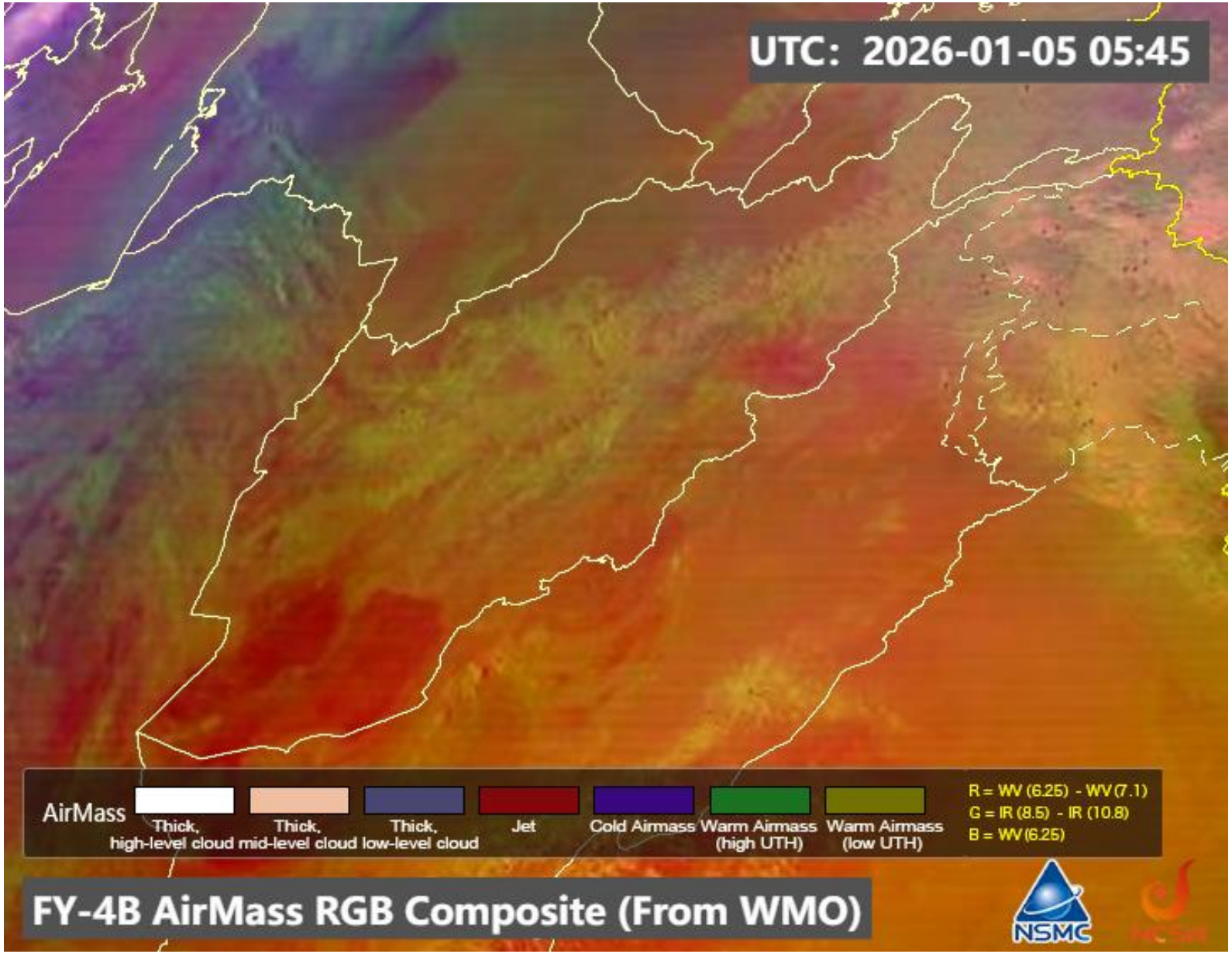
Islamic Emirate of Afghanistan
Ministry of Transport & Aviation
Afghanistan meteorological Department
Forecast Division
Satellite General Management

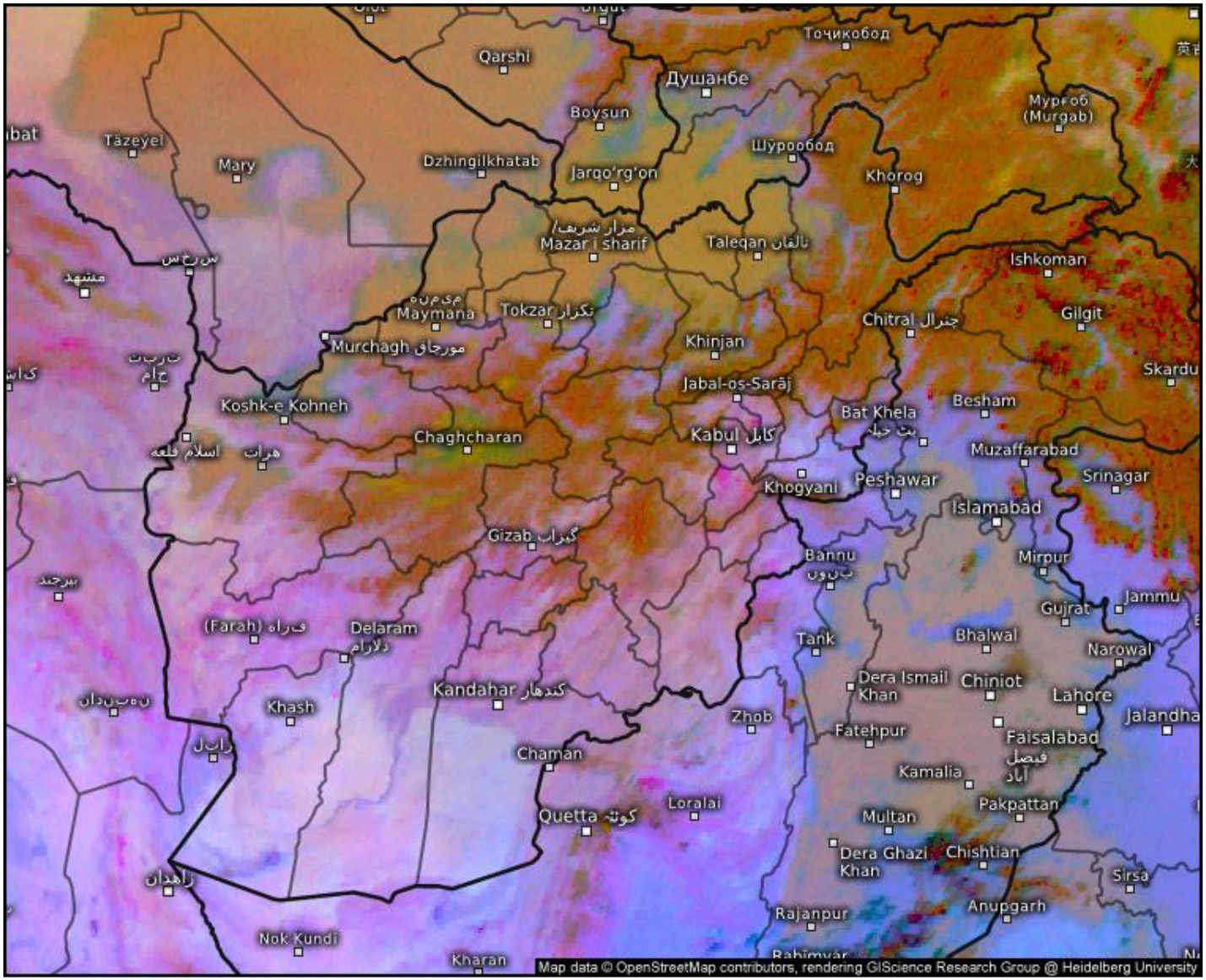
Daily reports of Satellite imagery analysis. Date & Time: 05/01/2026, 06:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	✓	X	√ weak	X	X	
2	South	X	✓	X	X	X	√ weak	X	X	
3	West	✓	✓	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	√ weak	X	X	
8	Northwest	✓	X	X	✓	X	√ weak	X	X	
9	Southwest	X	X	X	X	X	√weak	X	X	

Details: according to satellite imagery analysis the western, northeastern, southeastern and northwestern areas have weak worm air mass with (Low UTH). The southern, western and southeastern areas have weak dust. The northern, central and northwestern areas have partly cloudy sky which the height of cloud is about 4km. **The all regions have weak water vapor which the exception of northeastern area has moderate water vapor.**

Reported by: Mohammad Jawed Moradi


UTC: 2026-01-05 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)
NSMC



Satellite Dust

Mon 01/05/2026, 10:30am GMT+0430

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

meteologix.com

Afghanistan

Satellite data: EUMETSAT

Sand And Dust Identification

2026-01-05 06:00(UTC)

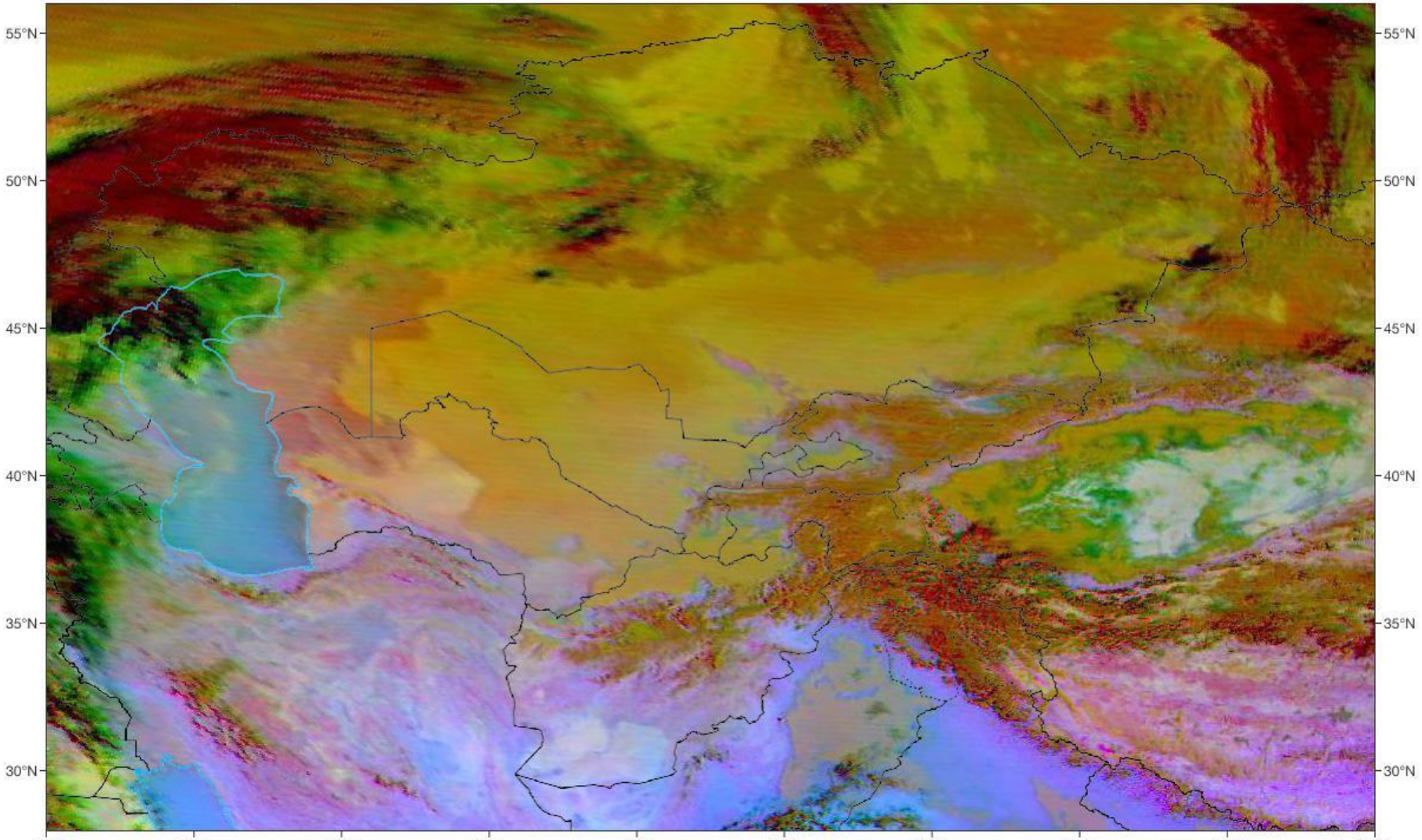


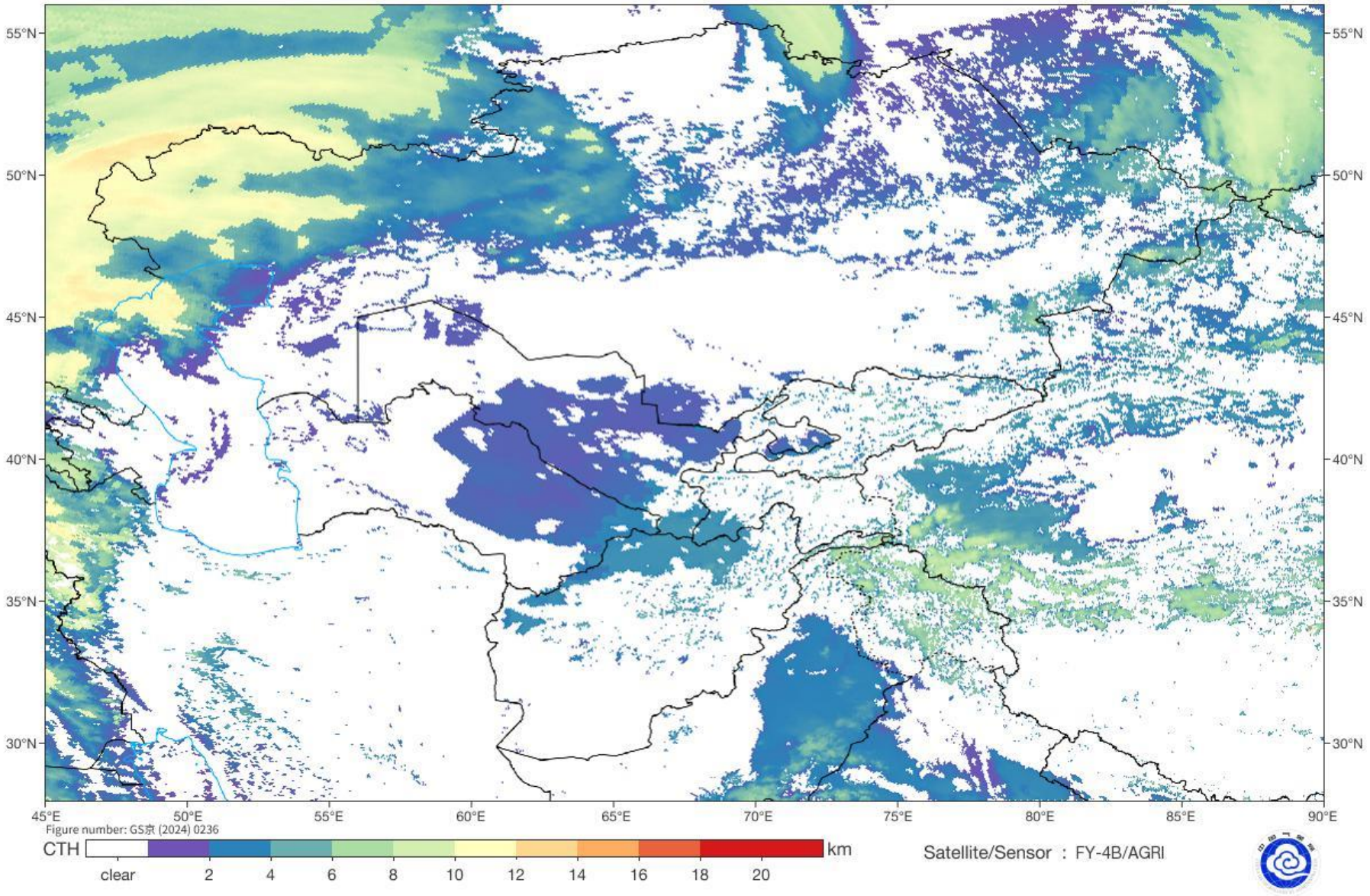
Figure number: GS京 (2024) 0236

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

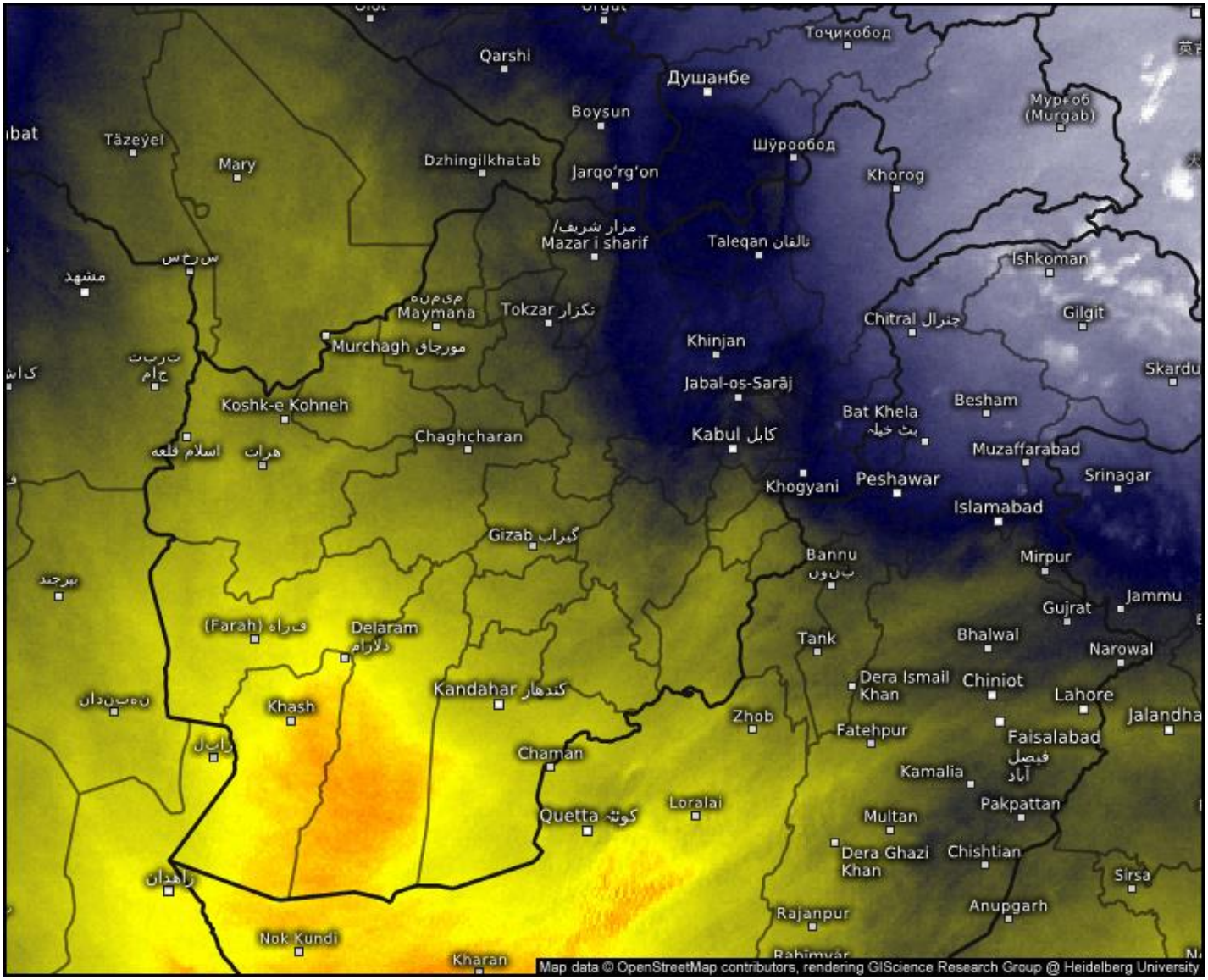
Satellite/Sensor ： FY-4B/AGRI

Cloud Top Height

2026-01-05 05:30(UTC)



Mary
Termez
Khorugh
Mazar i sharif
Baghlan
Bamian
Kabul
Saidu Sharif
Herat
Peshawar
Srinagar
Islamabad
Jammu
Farah
Gujranwala
Kandahar
Lahore
Faisalabad
Jalandhar
Zabol
Chaman
Quetta
Multan
Zahedan
Bahawalpur
3h 6h 9h 12h 18h 24h
08:00 08:15 08:30 08:45 09:00 09:15 09:30 09:45 10:00 10:15 10:30



Satellite Water Vapor

Mon 01/05/2026, 10:30am GMT+0430

wet/cold — dry/warm

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

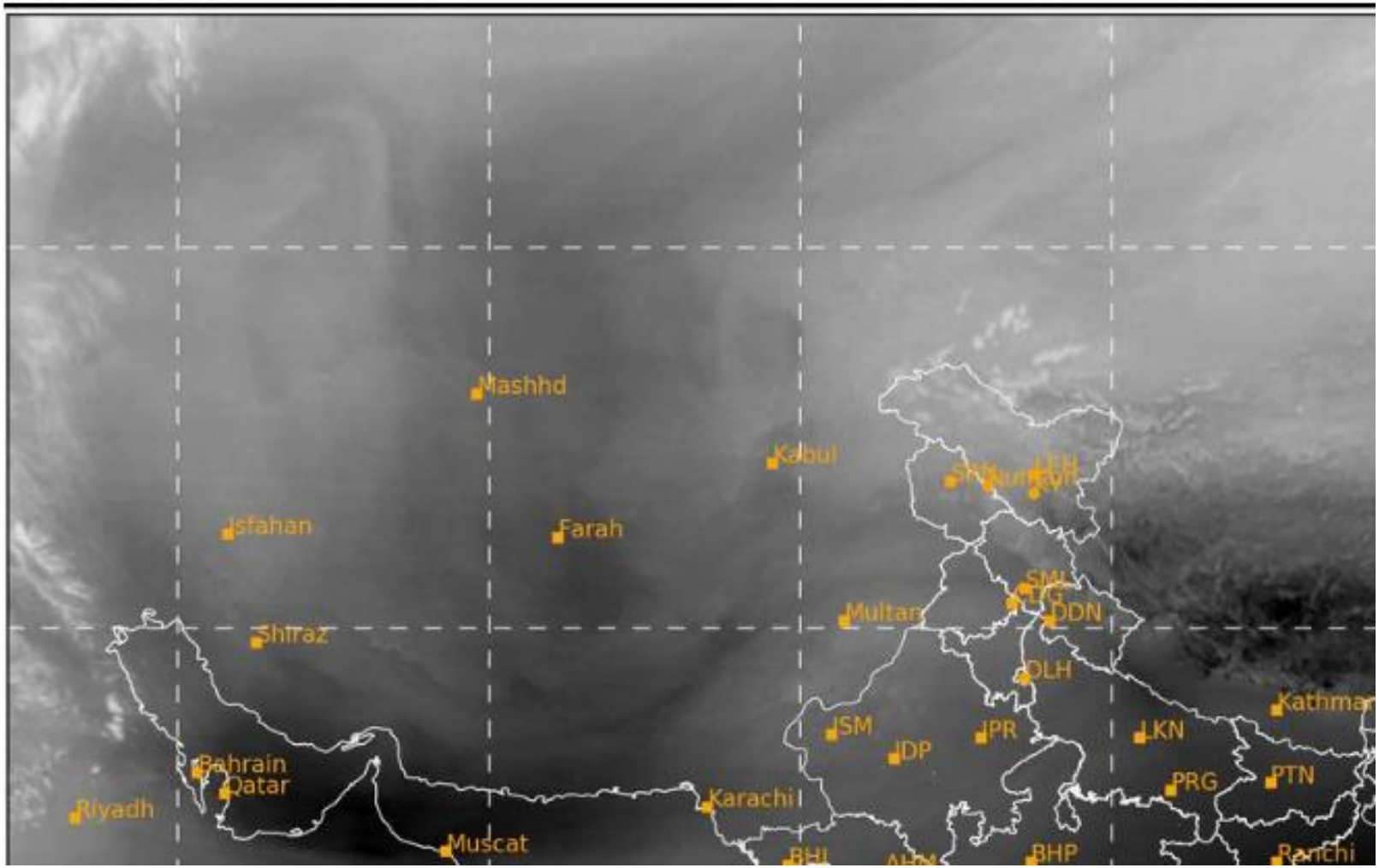
Afghanistan

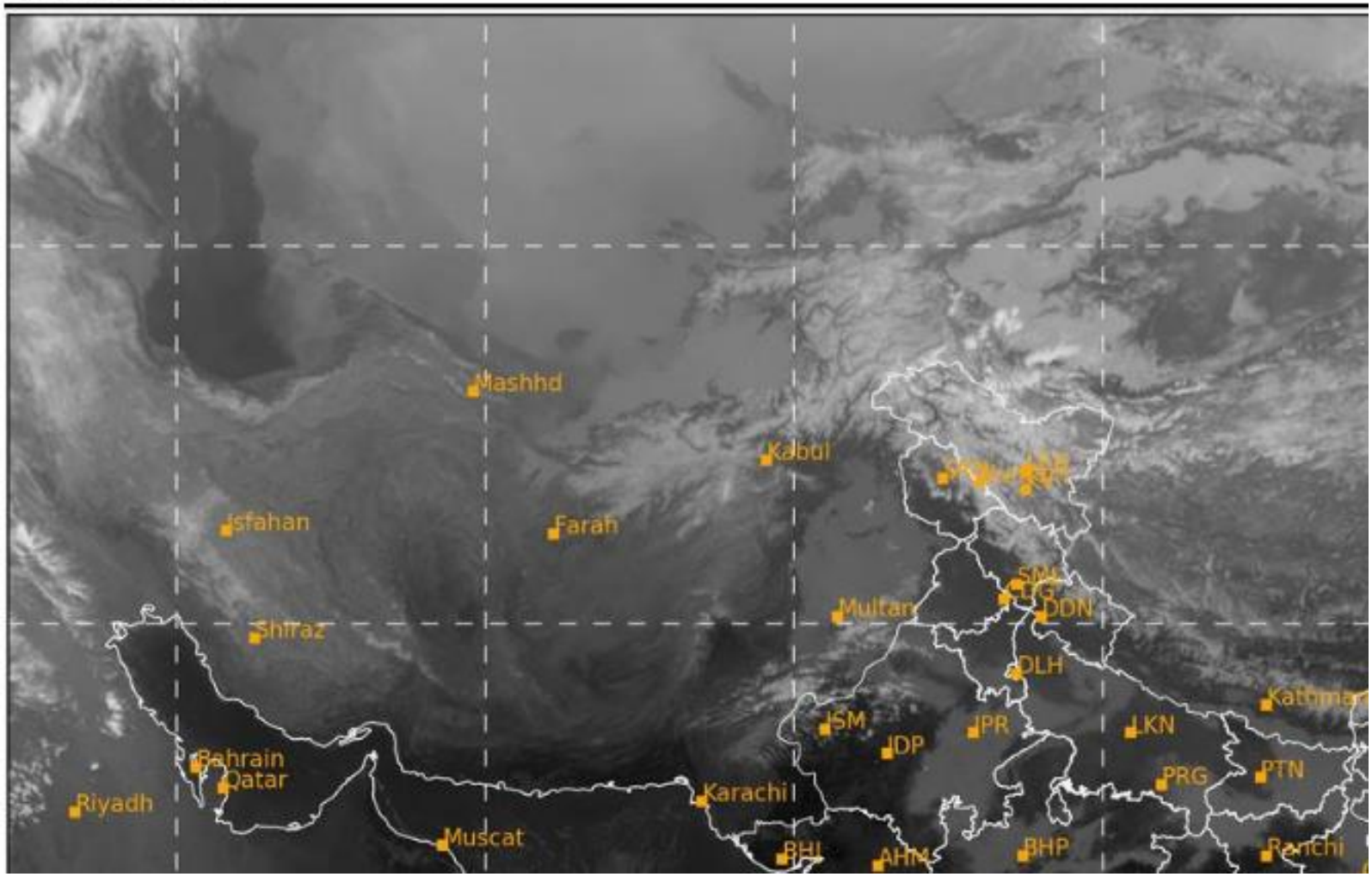
meteologix.com

Satellite data: EUMETSAT

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

05-01-2026/(0515 to 0542) GMT
05-01-2026/(1045 to 1112) IST



SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

05-01-2026/(0515 to 0542) GMT
05-01-2026/(1045 to 1112) IST