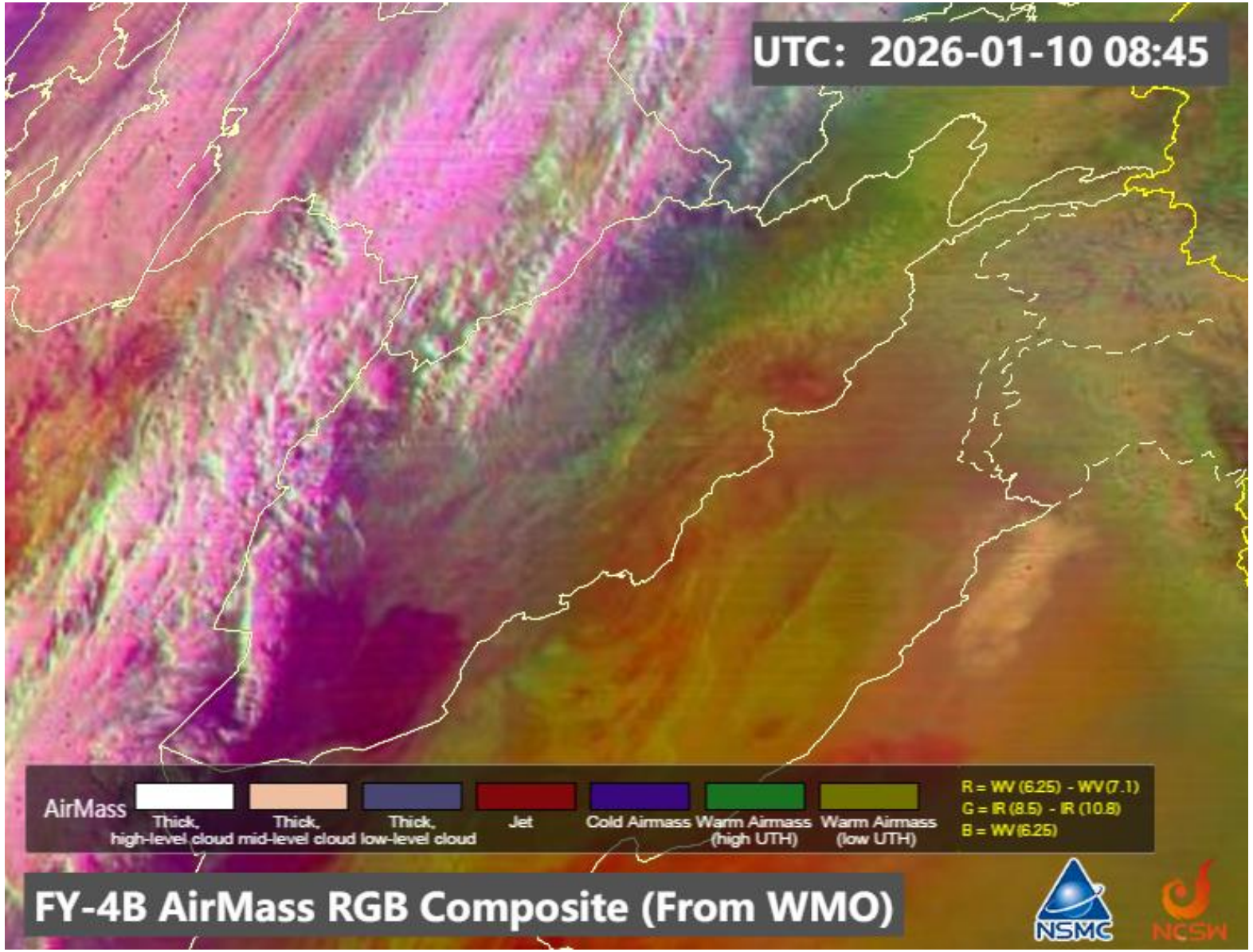
Islamic Emirate of Afghanistan
Ministry of Transport & Aviation
Afghanistan meteorological Department
Forecast Division
Satellite General Management

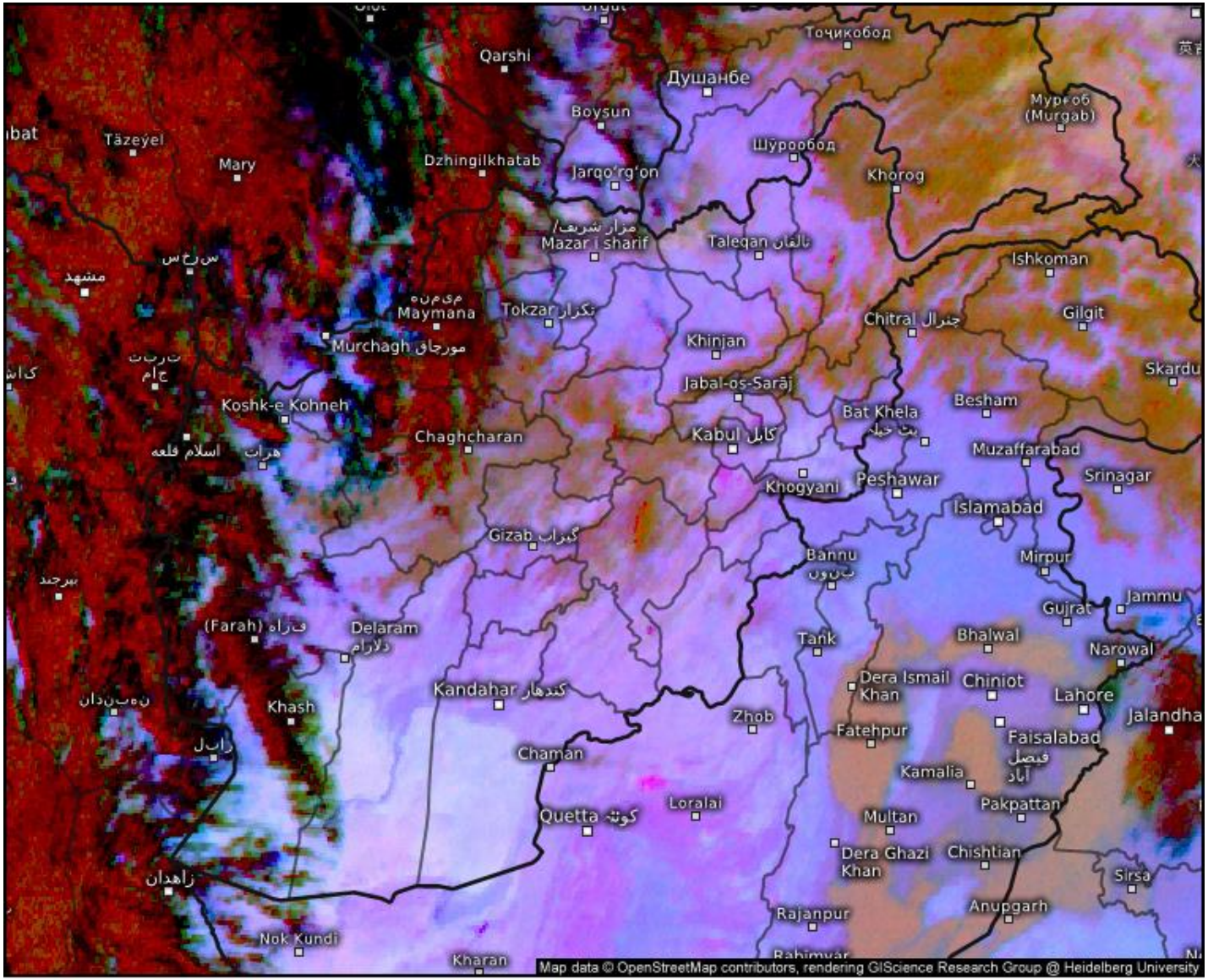
Daily reports of Satellite imagery analysis. Date & Time: 10/01/2026, 09:00 UTC

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	√ moderate	X	X	
3	West	✓	✓	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	√ moderate	X	X	
8	Northwest	X	X	X	✓	X	√ moderate	X	X	
9	Southwest	✓	X	X	✓	X	√ moderate	X	X	

Details: **according to satellite imagery analysis the southern, western and southwestern areas have cold air mass the central, northeastern and southeastern areas have worm air mass with (High UTH).** **The southern, western and southeastern areas have weak dust.** **The northern, western, northwestern and southwestern areas have partly cloudy sky which the height of cloud is about 12km.** **The all regions have moderate water vapor which the exception of eastern area has weak water vapor.**

Reported by: Mohammad Jawed Moradi


UTC: 2026-01-10 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)
NSMC
NCSW



Satellite Dust

Sat 01/10/2026, 01:30pm GMT+0430

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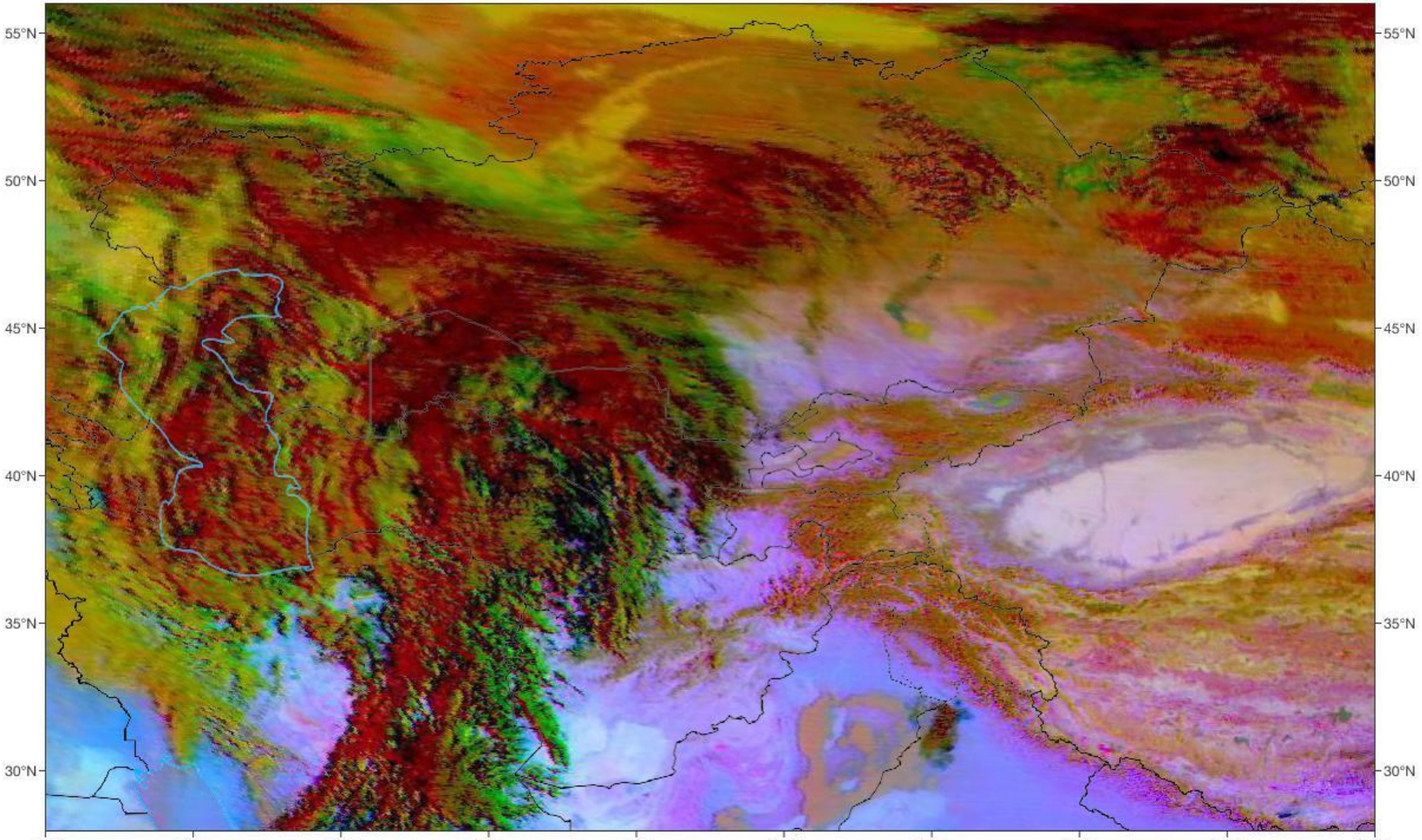
Satellite data: EUMETSAT

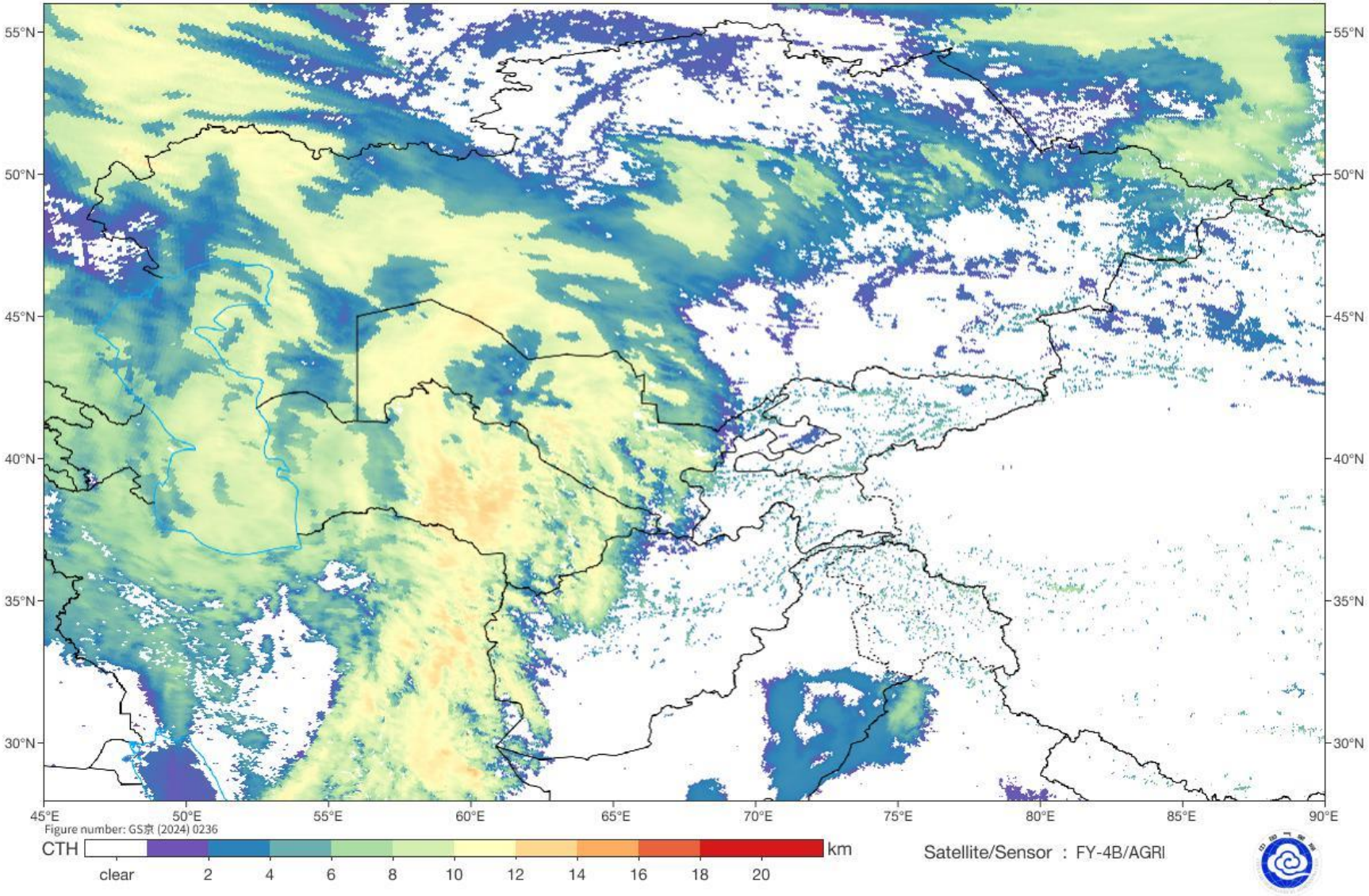
Sand And Dust Identification

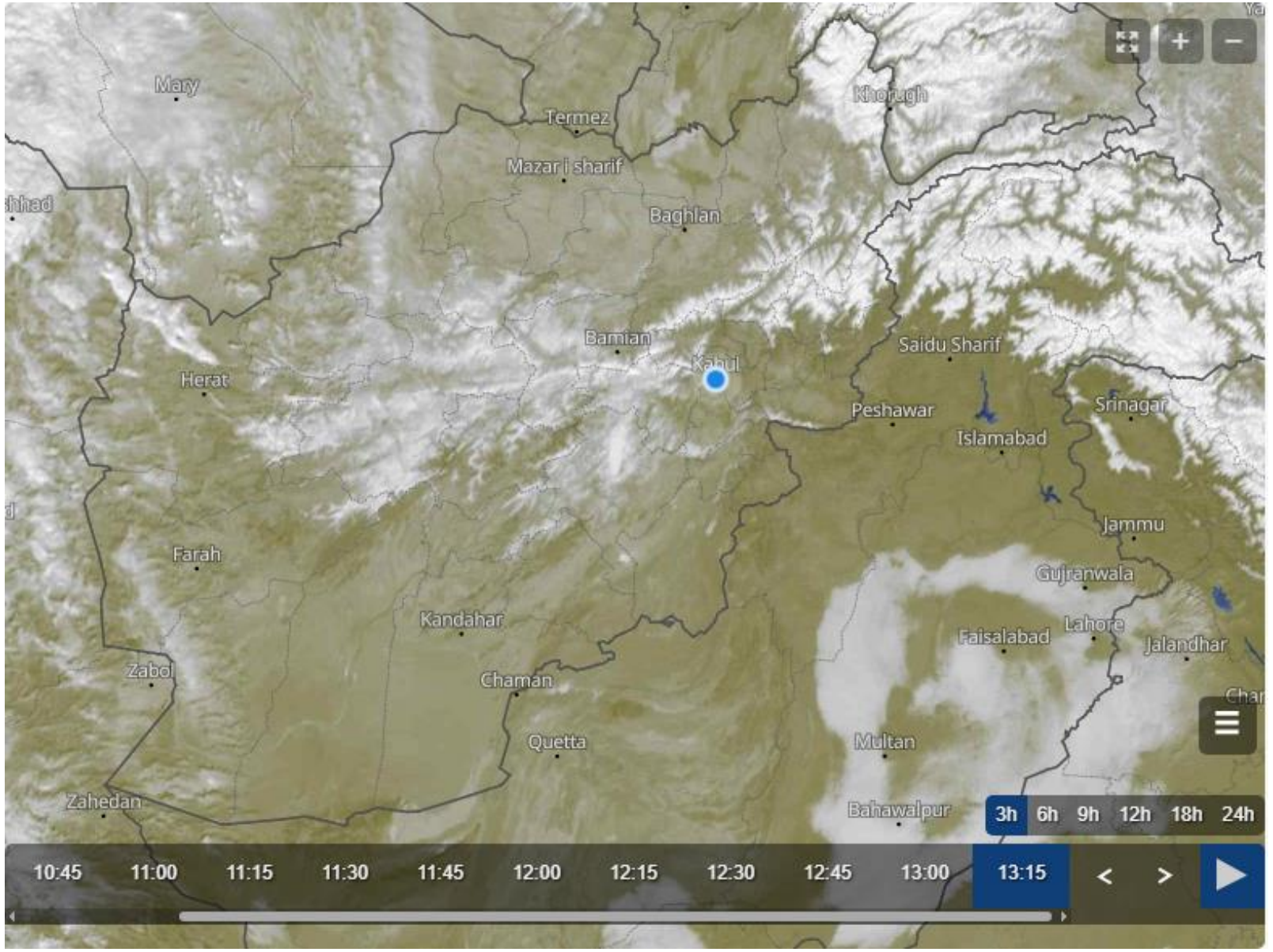
2026-01-10 08:45(UTC)

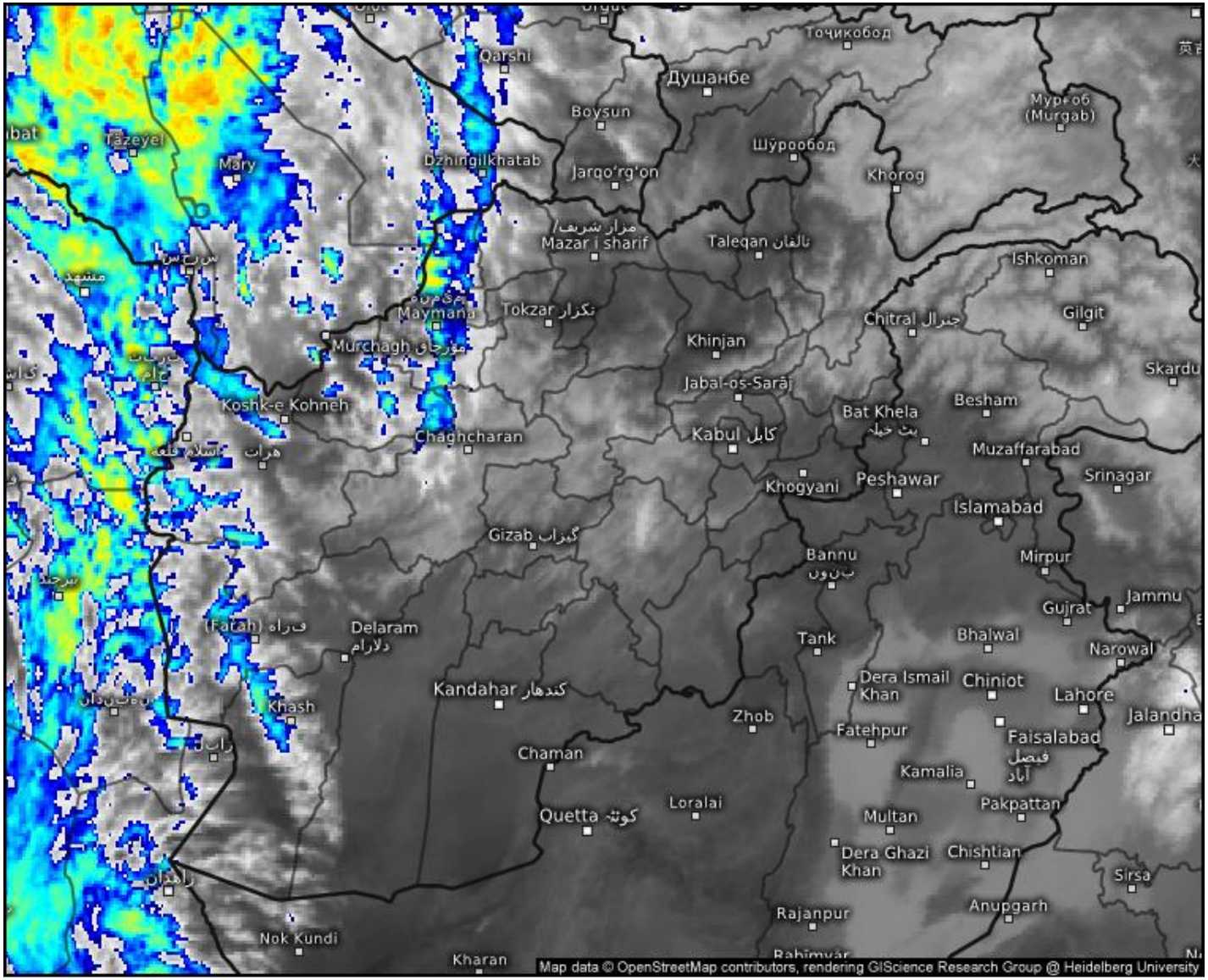


Cloud Top Height

2026-01-10 08:45(UTC)




Mary
Termez
Mazar i sharif
Baghlan
Khorugh
Bamian
Kabul
Herat
Saidu Sharif
Peshawar
Srinagar
Islamabad
Jammu
Farah
Gujranwala
Kandahar
Lahore
Faisalabad
Jalandhar
Zabol
Chaman
Quetta
Multan
Zahedan
Bahawalpur
3h 6h 9h 12h 18h 24h
10:45 11:00 11:15 11:30 11:45 12:00 12:15 12:30 12:45 13:00 13:15



Satellite Cloud Tops Alert

Sat 01/10/2026, 01:30pm GMT+0430

-90 -80 -70 -65 -60 -55 -50 -45 -40 -30 -10 0 10 30 50

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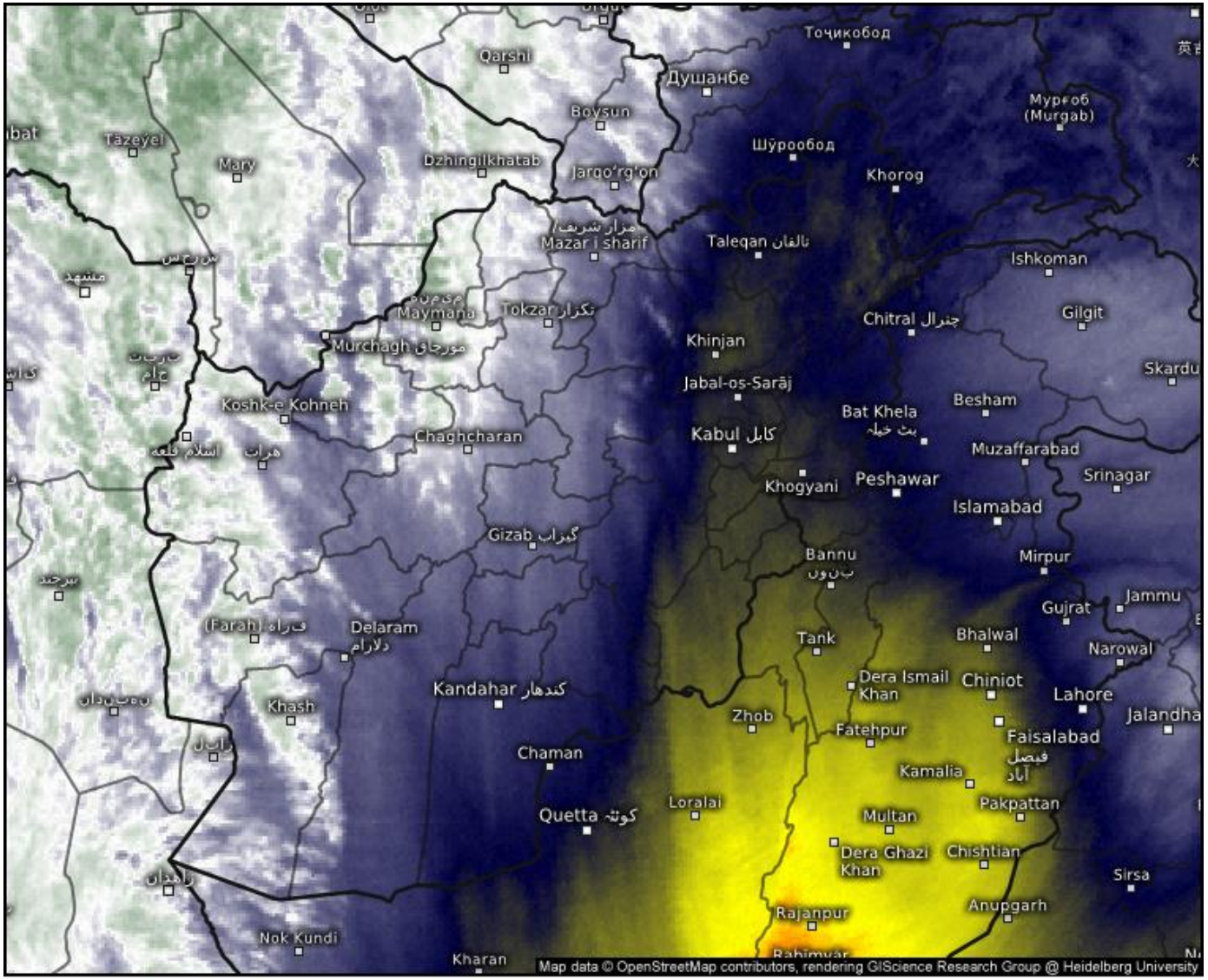
Satellite data: EUMETSAT



Satellite Water Vapor

Sat 01/10/2026, 01:30pm GMT+0430

wet/cold — dry/warm

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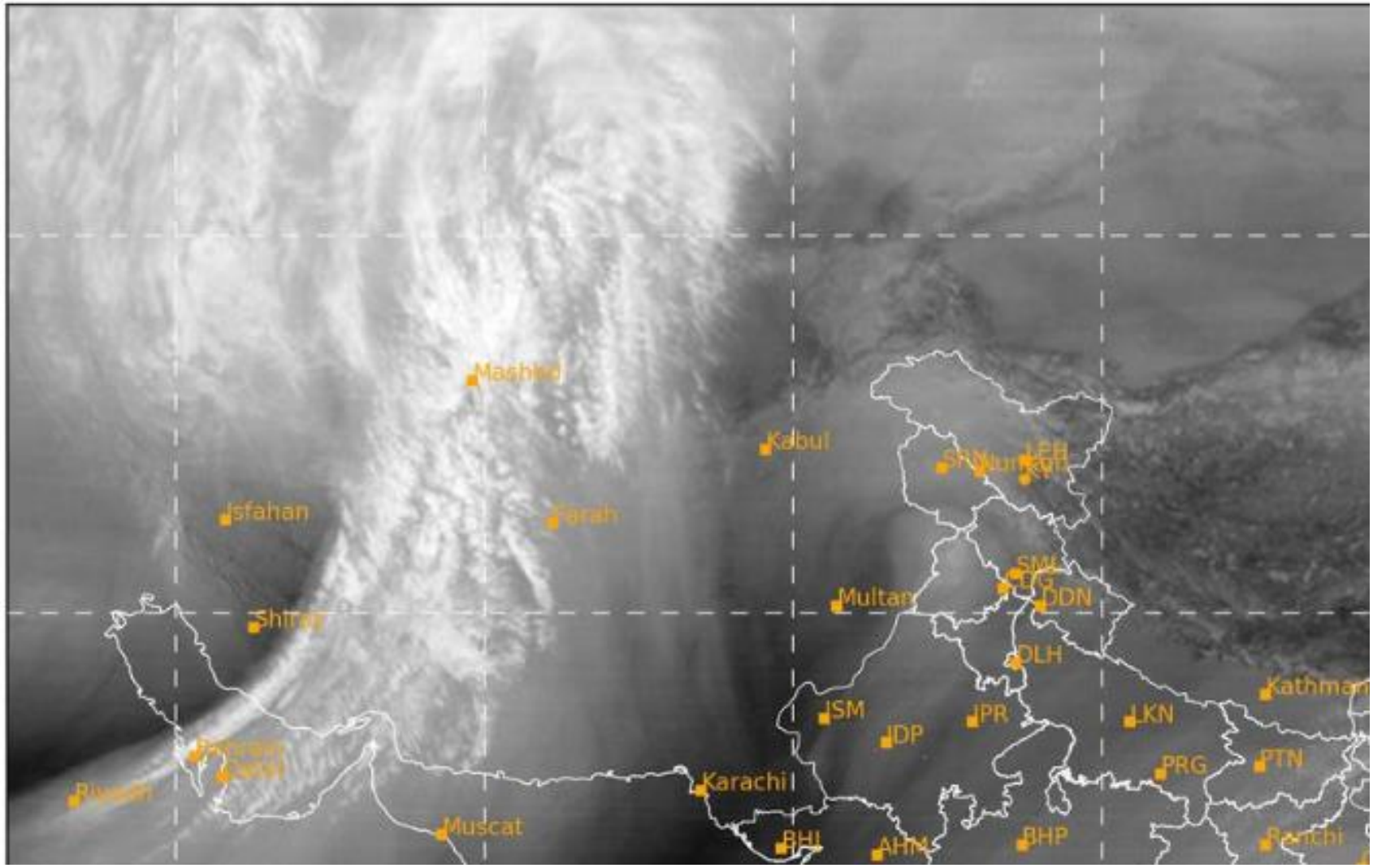
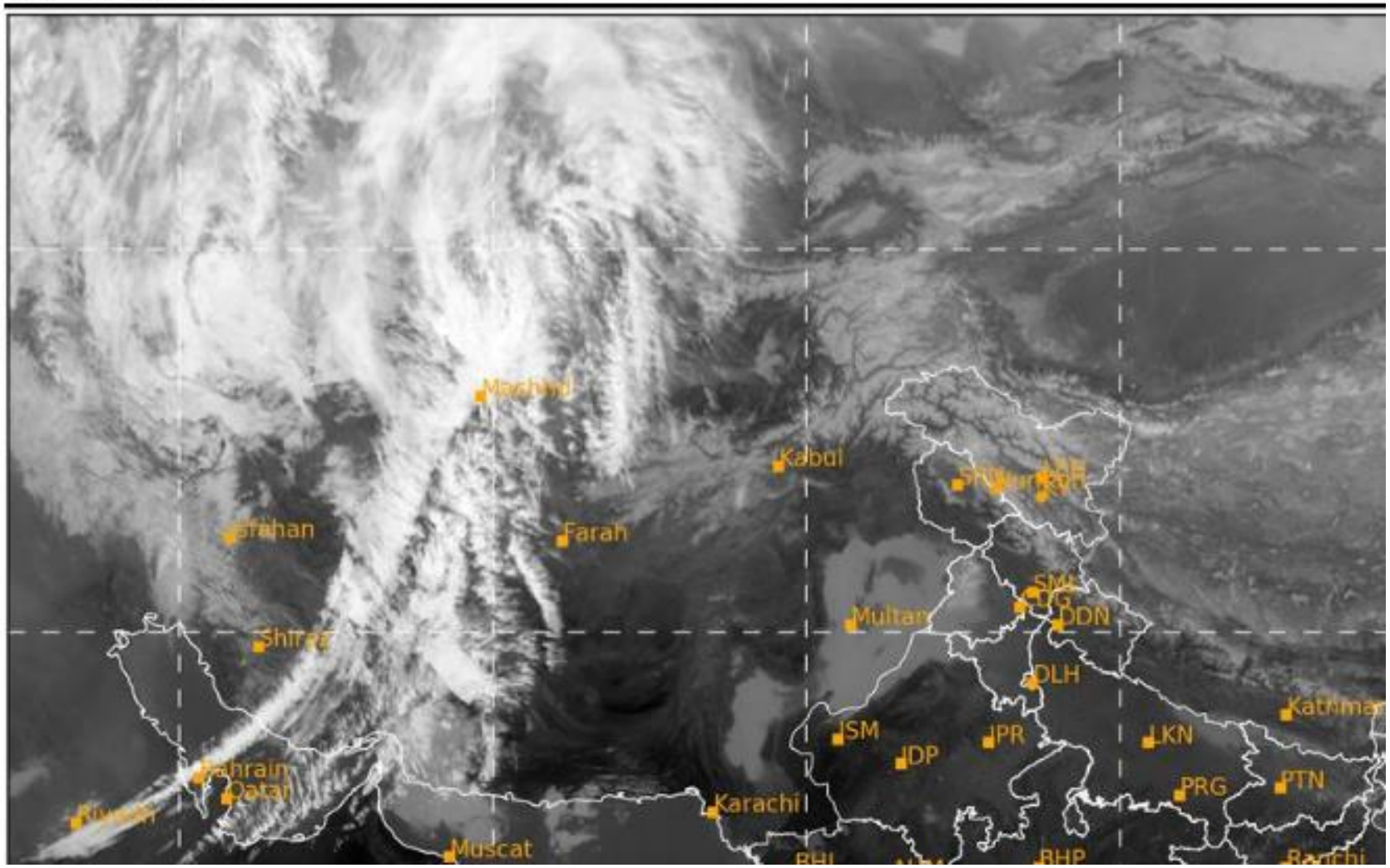
Satellite data: EUMETSAT

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

10-01-2026/(0745 to 0812) GMT
10-01-2026/(1315 to 1342) IST



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

10-01-2026/(0745 to 0812) GMT
10-01-2026/(1315 to 1342) IST