



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



Daily reports of Satellite imagery analysis. Date & Time: 05-04-2026, 09:00 UTC

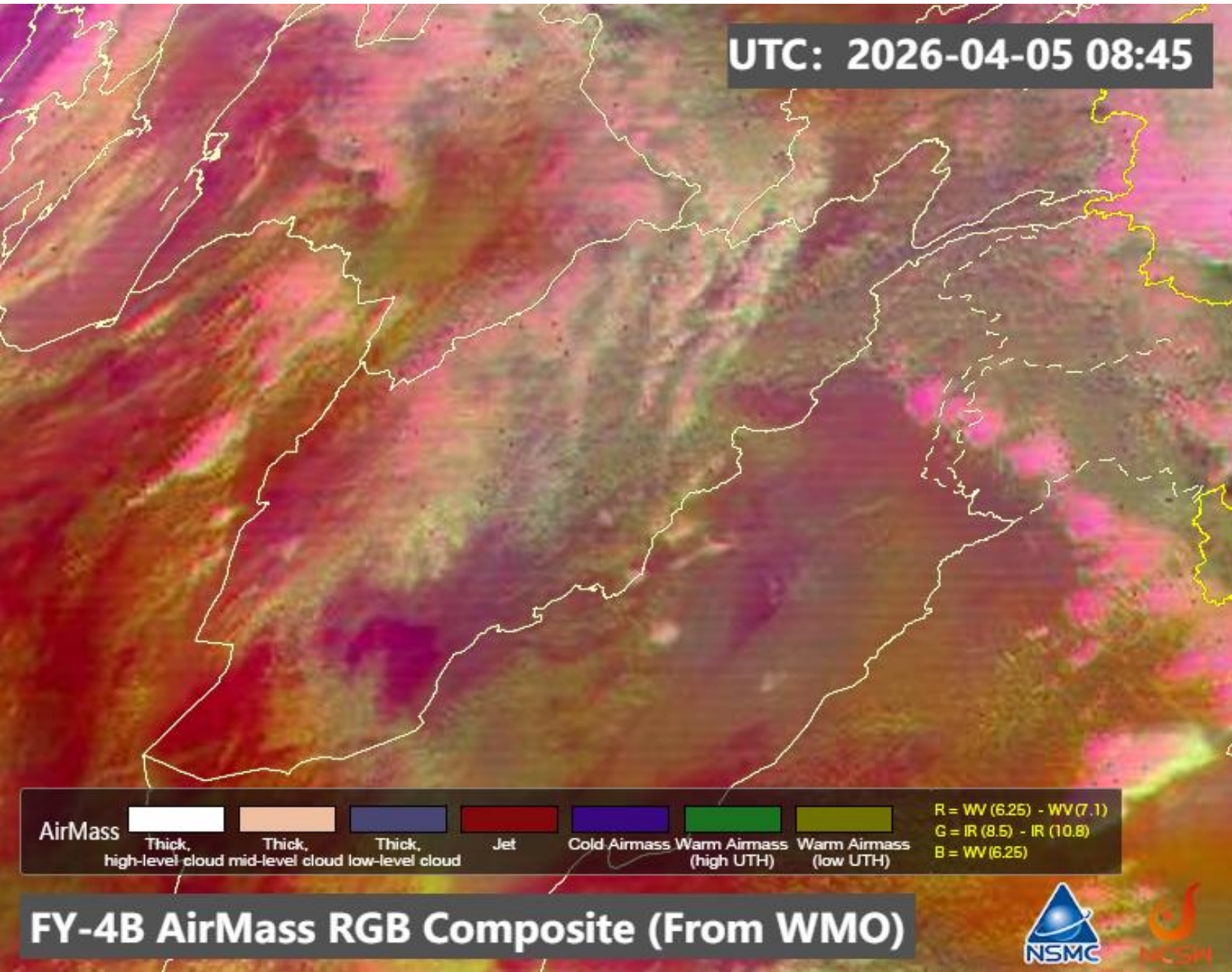
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	✓	X	✓ moderate	X	X	
2	South	✓	X	X	✓	X	✓ moderate	X	X	
3	West	✓	X	✓	✓	X	✓ moderate	X	X	
4	East	X	X	X	✓	X	✓ moderate	X	X	
5	central	X	X	X	✓	X	✓ moderate	X	X	
6	Northeast	X	X	X	✓	X	✓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

Details: according to satellite imagery analysis, the southern, western and southwestern areas are cold air mass. The western and southeastern areas are thunder storm. The northern, southern, western, eastern, central, northeastern and northwestern areas are cloudy sky. The all regions are moderate water vapor which the exception of southwestern area is weak water vapor.

Reported by: Mohammad Jawed Moradi

Not: X (Not existing phenomena) ✓ (existing phenomena)

UTC: 2026-04-05 08:45



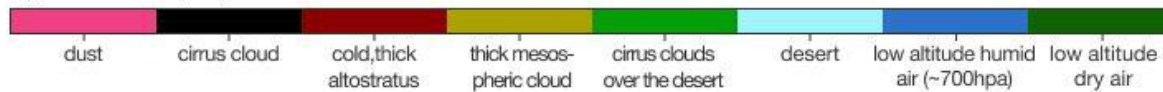
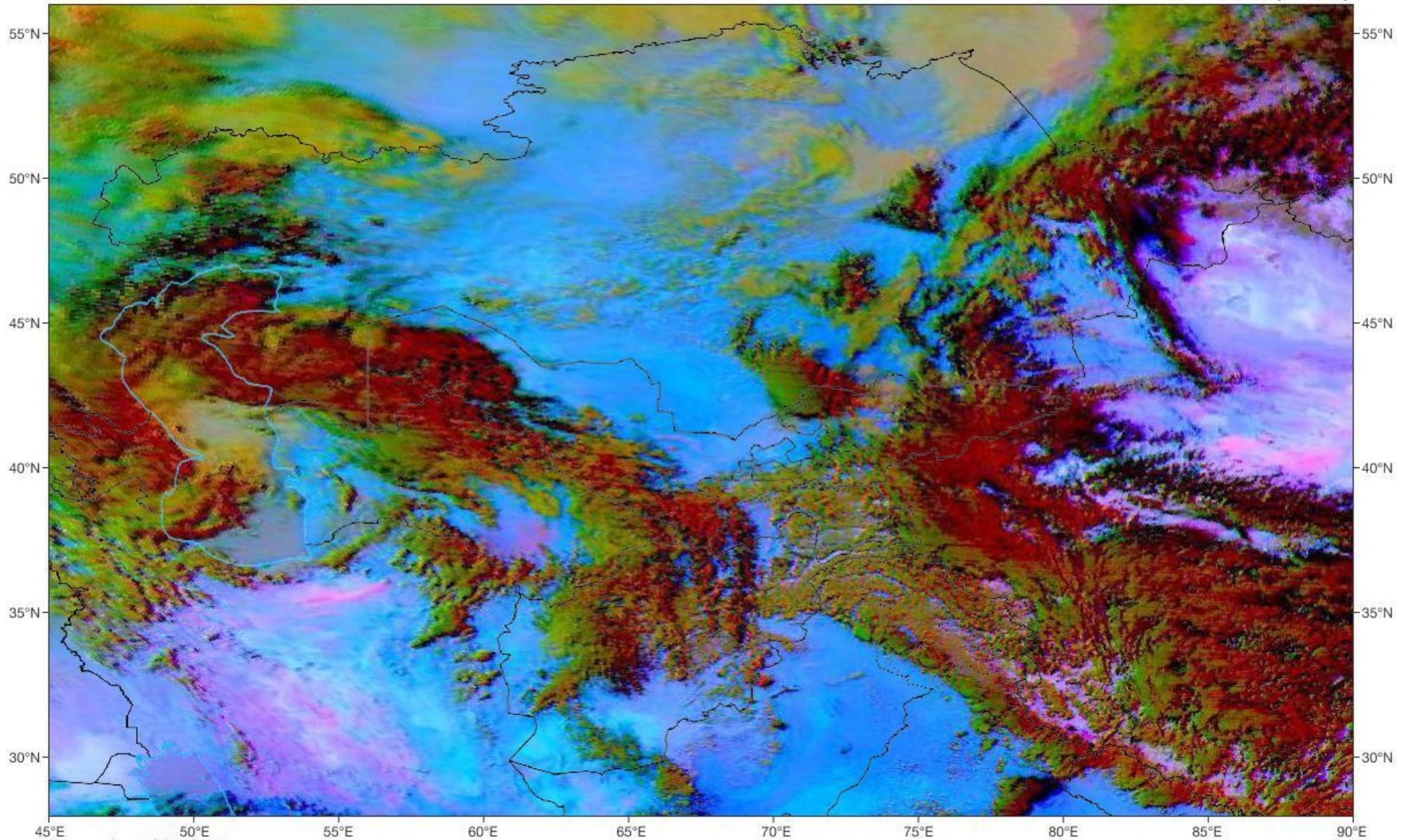
AirMass Thick, high-level cloud Thick, mid-level cloud Thick, low-level cloud Jet Cold Airmass Warm Airmass (high UTH) Warm Airmass (low UTH)
 R = WV (6.25) - WV (7.1)
 G = IR (8.5) - IR (10.8)
 B = WV (6.25)

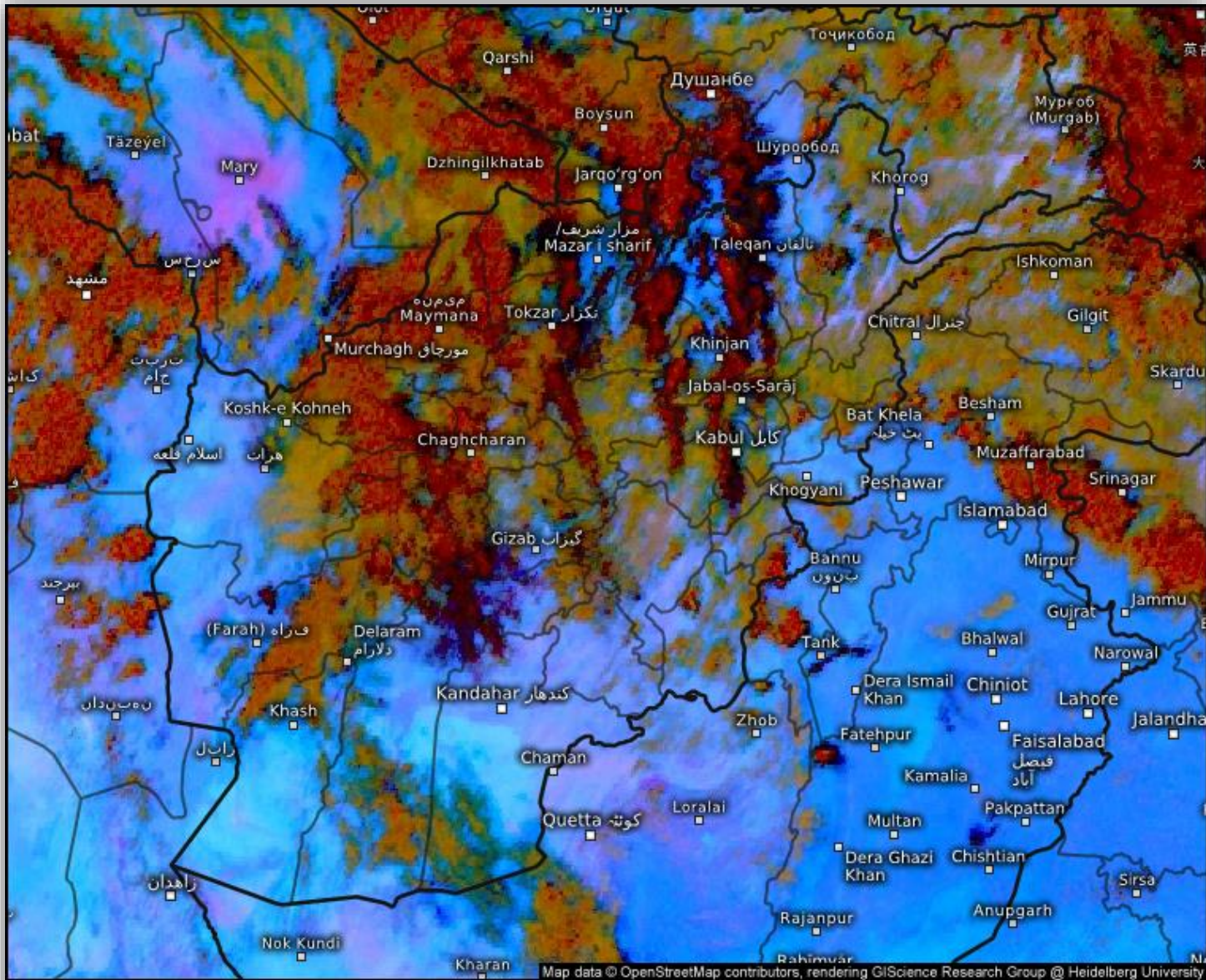
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-04-05 09:00(UTC)





Satellite Dust

Sun 04/05/2026, 01:30pm GMT+0430

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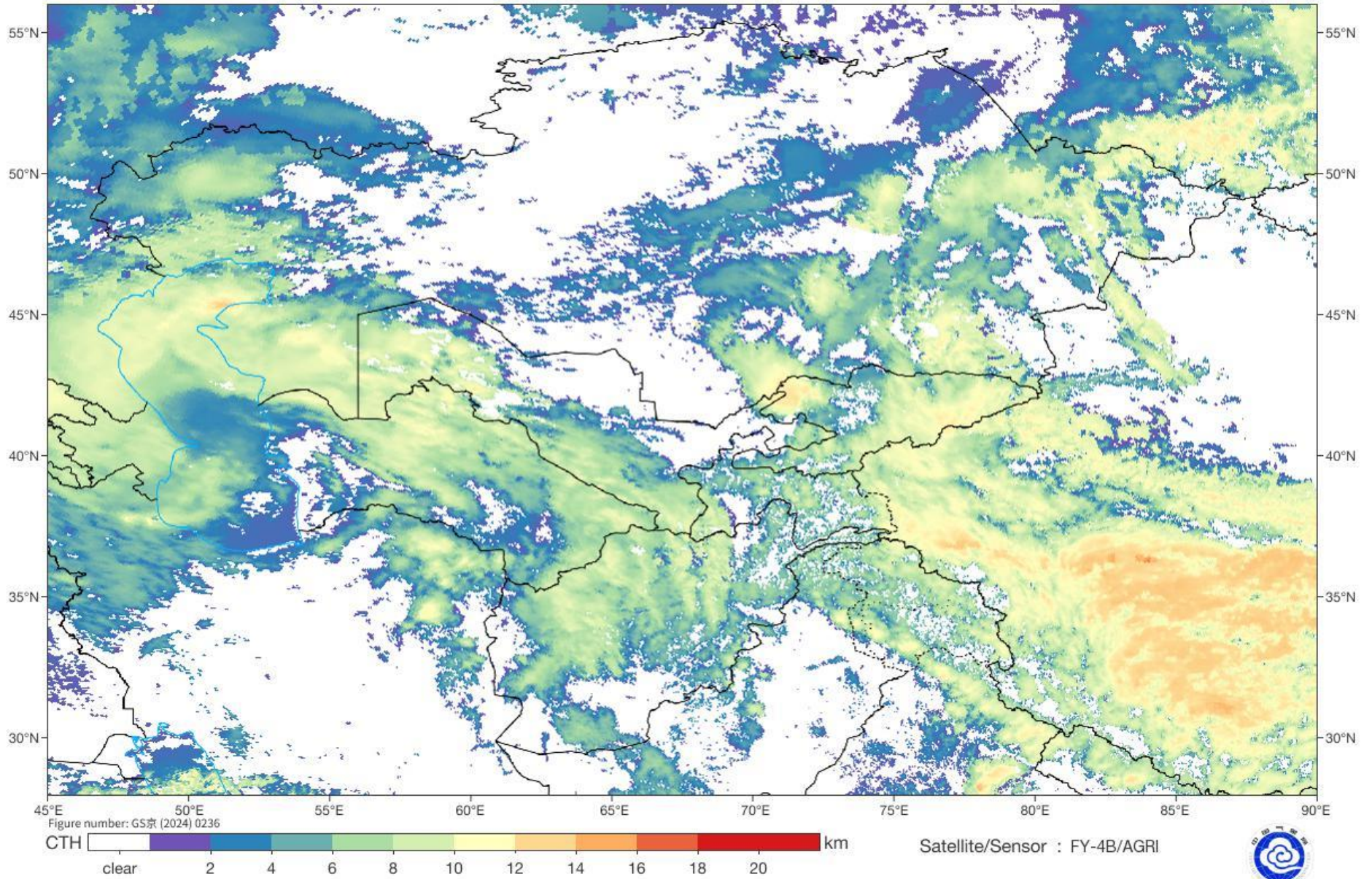
Afghanistan

 **meteologix**

Satellite data: EUMETSAT

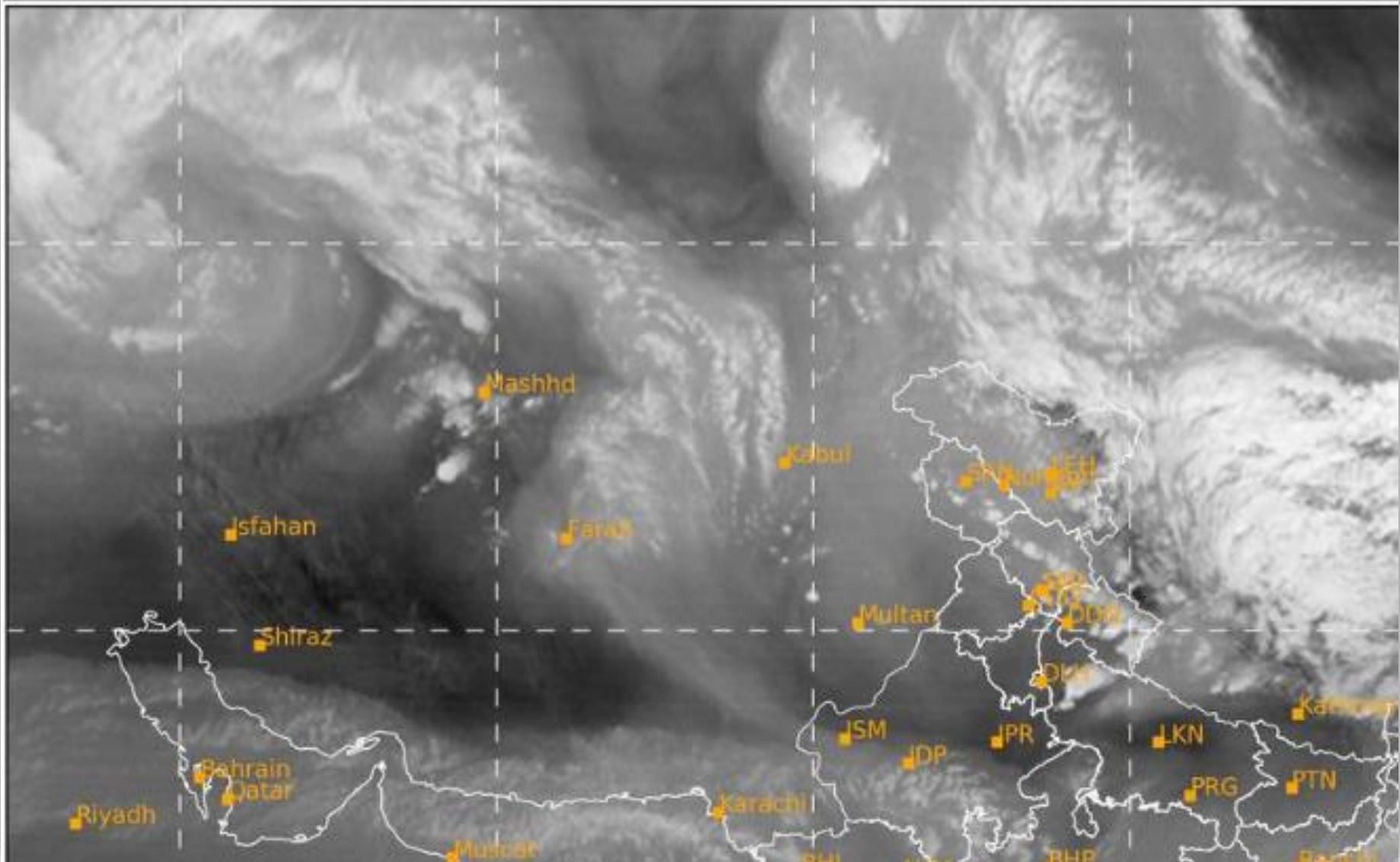
Cloud Top Height

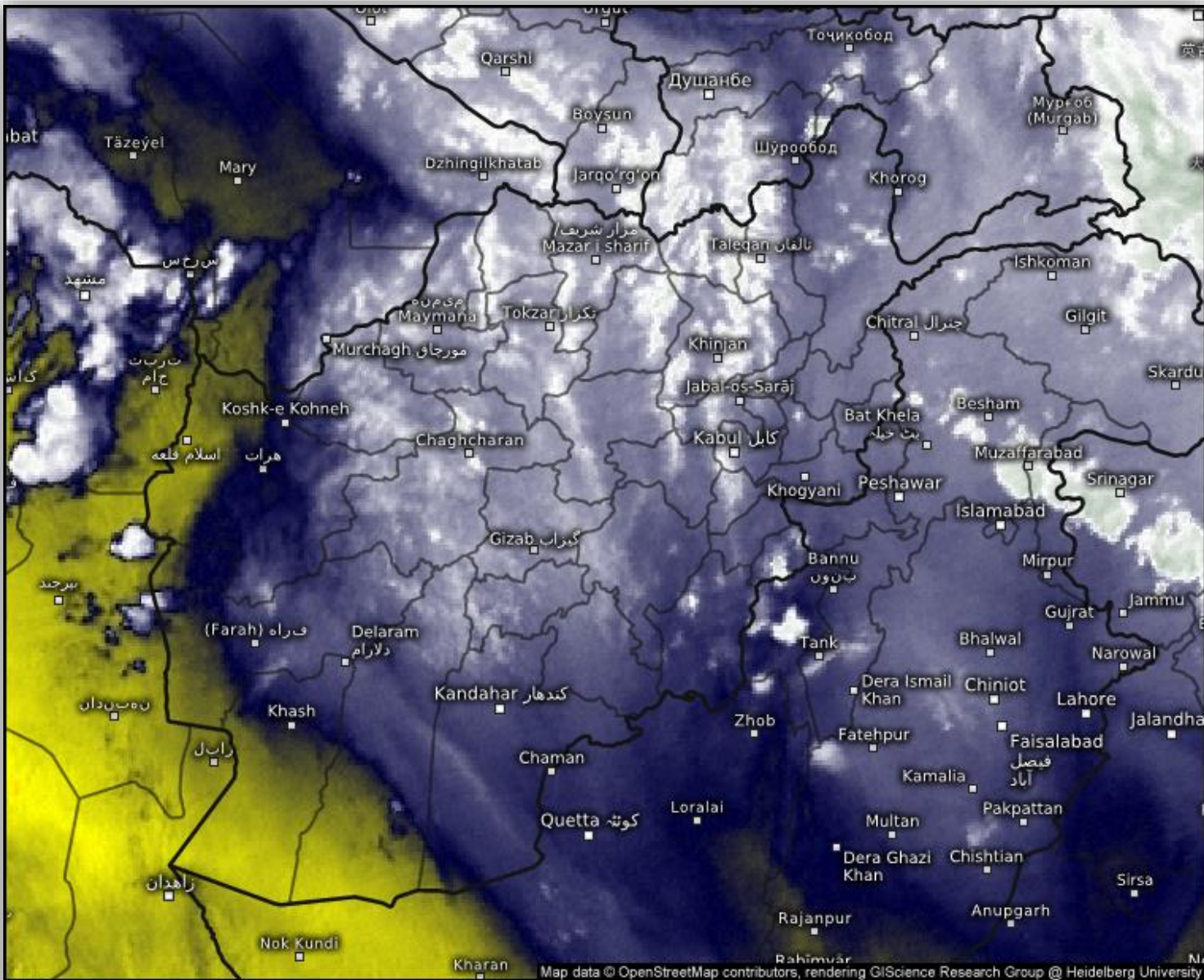
2026-04-05 08:30(UTC)



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

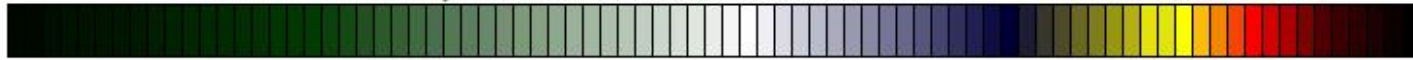
05-04-2026/(0745 to 0812) GMT
05-04-2026/(1315 to 1342) IST





Satellite Water Vapor

Sun 04/05/2026, 01:30pm GMT+0430



wet/cold

dry/warm

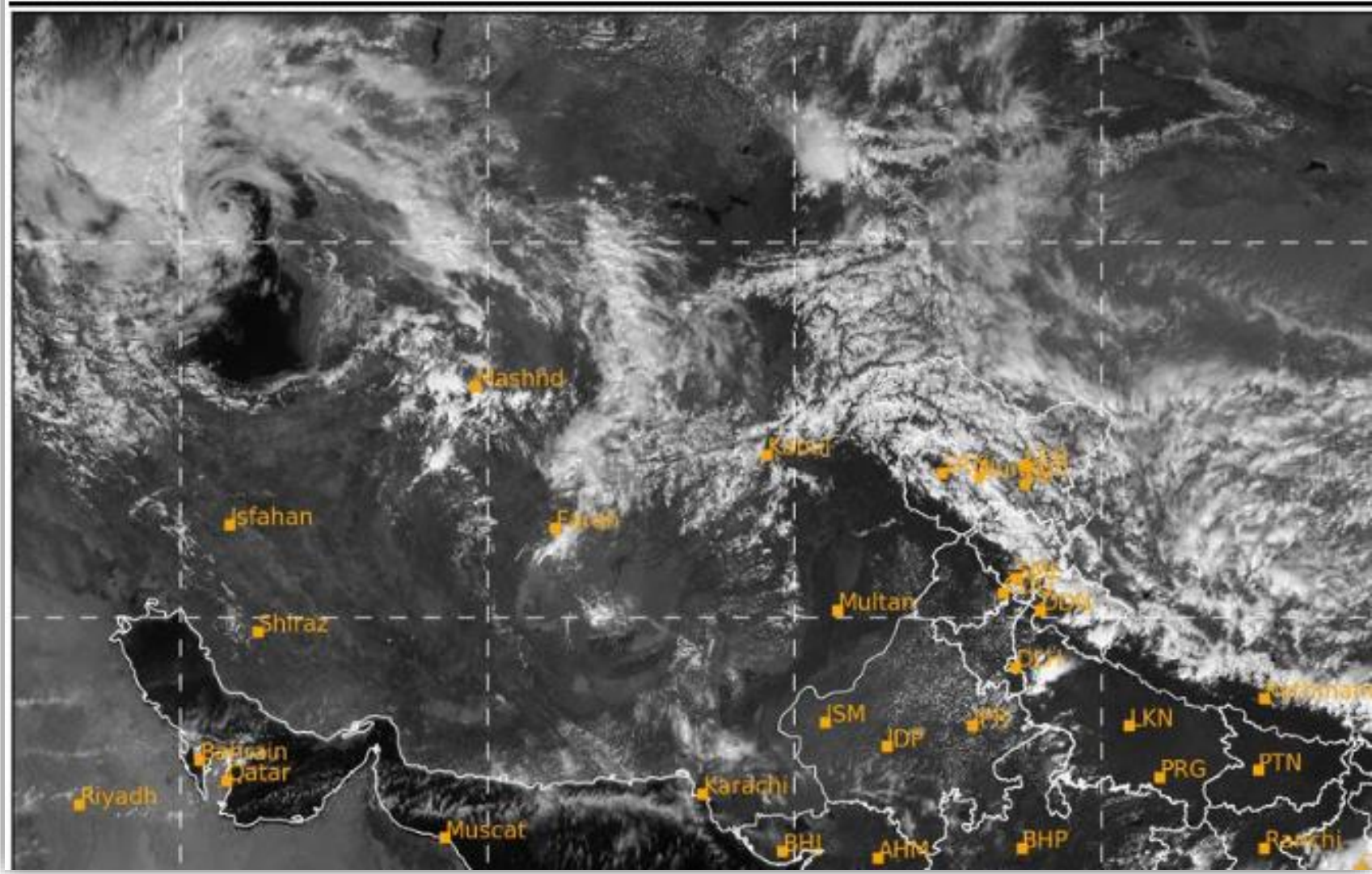
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 Afghanistan

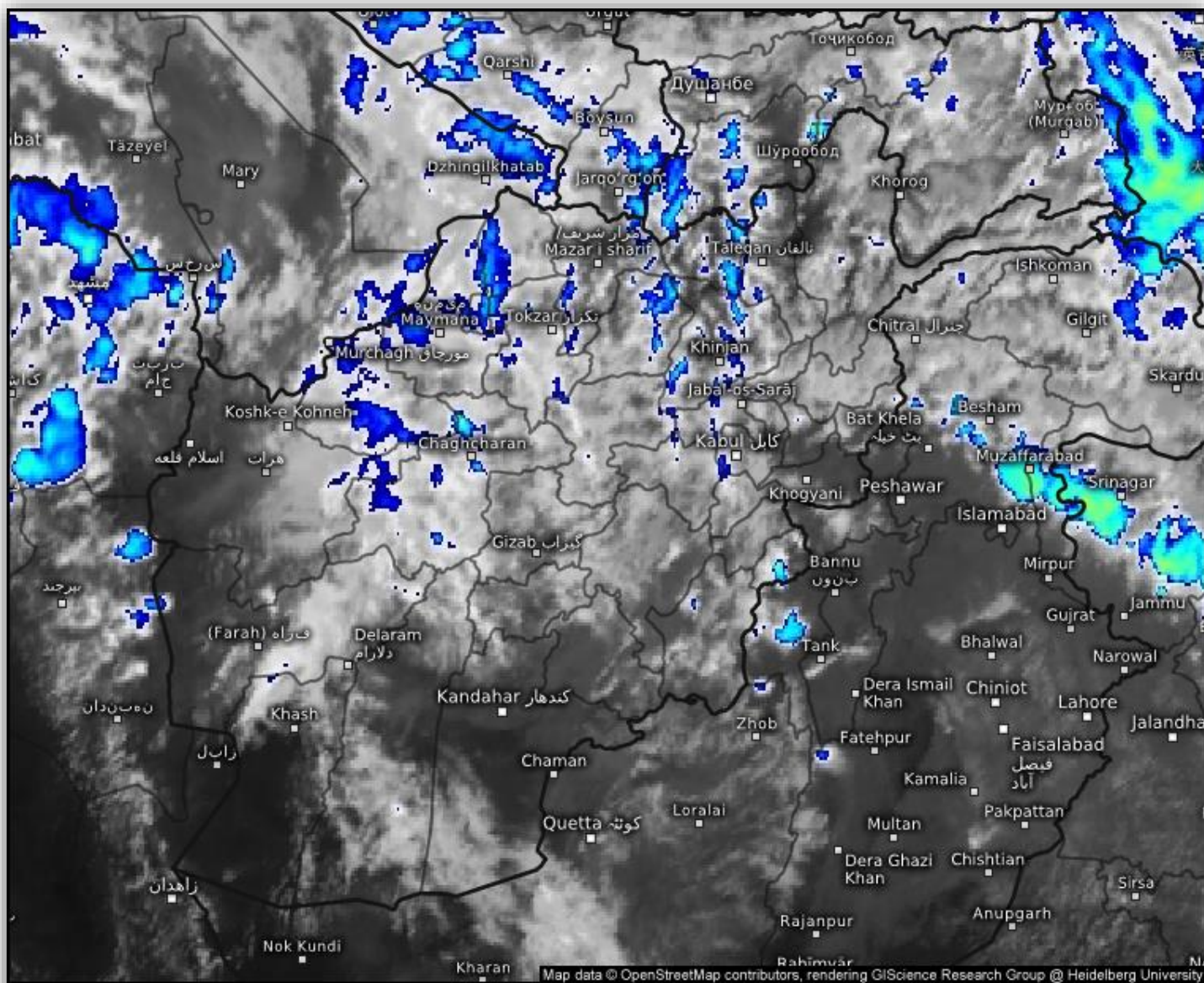


Satellite data: EUMETSAT

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

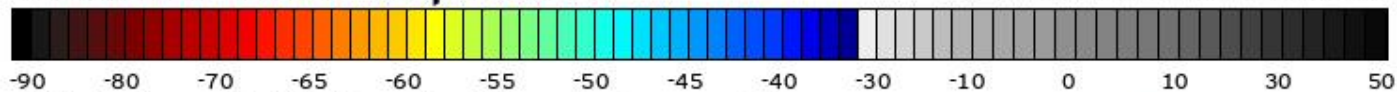
05-04-2026/(0745 to 0812) GMT
05-04-2026/(1315 to 1342) IST





Satellite Cloud Tops Alert

Sun 04/05/2026, 01:30pm GMT+0430

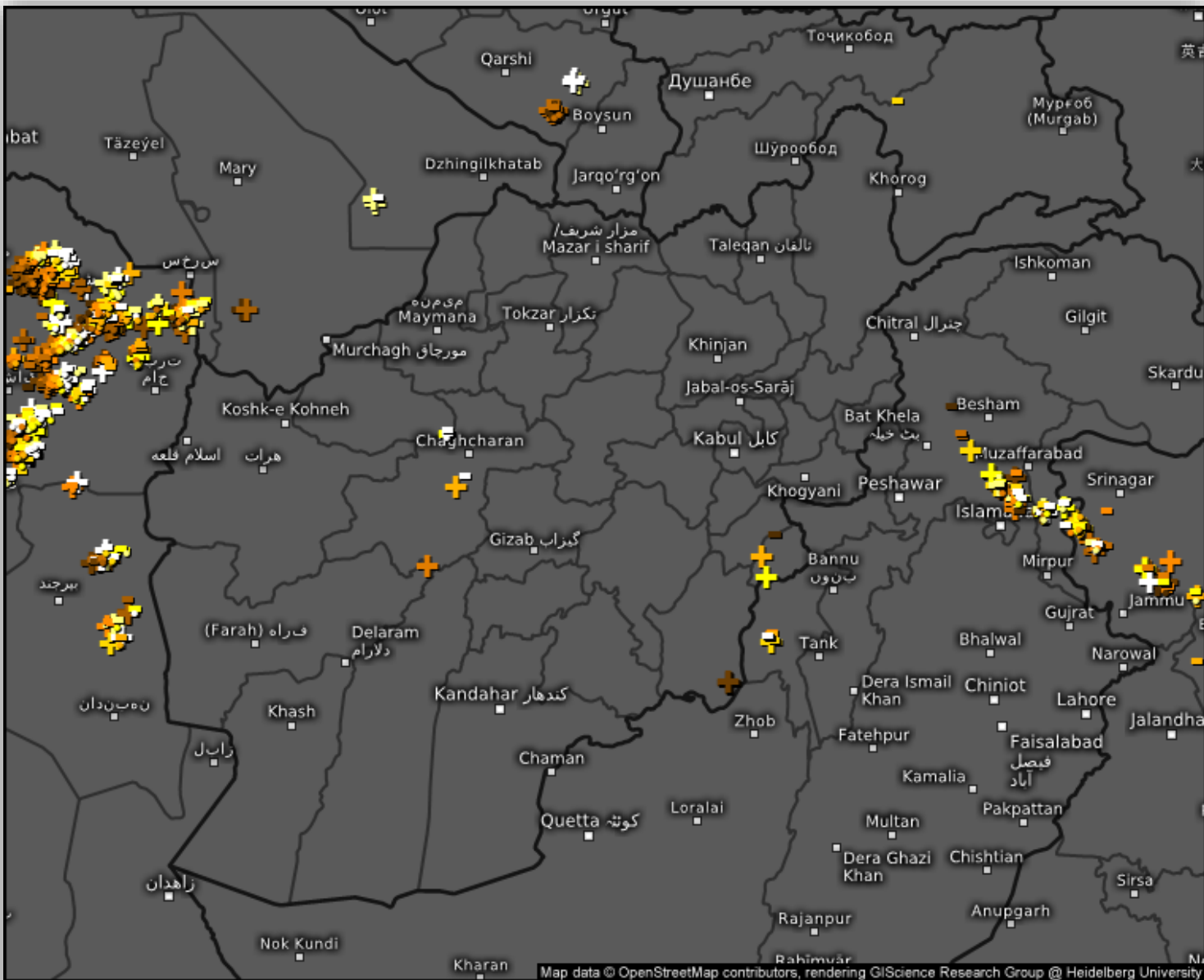


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Satellite data: EUMETSAT



Age of lightning (minutes)

Sun 04/05/2026, 01:30pm GMT+0430



Afghanistan

