



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



Daily reports of Satellite imagery analysis. Date & Time: 18-04-2026, 09:00 UTC

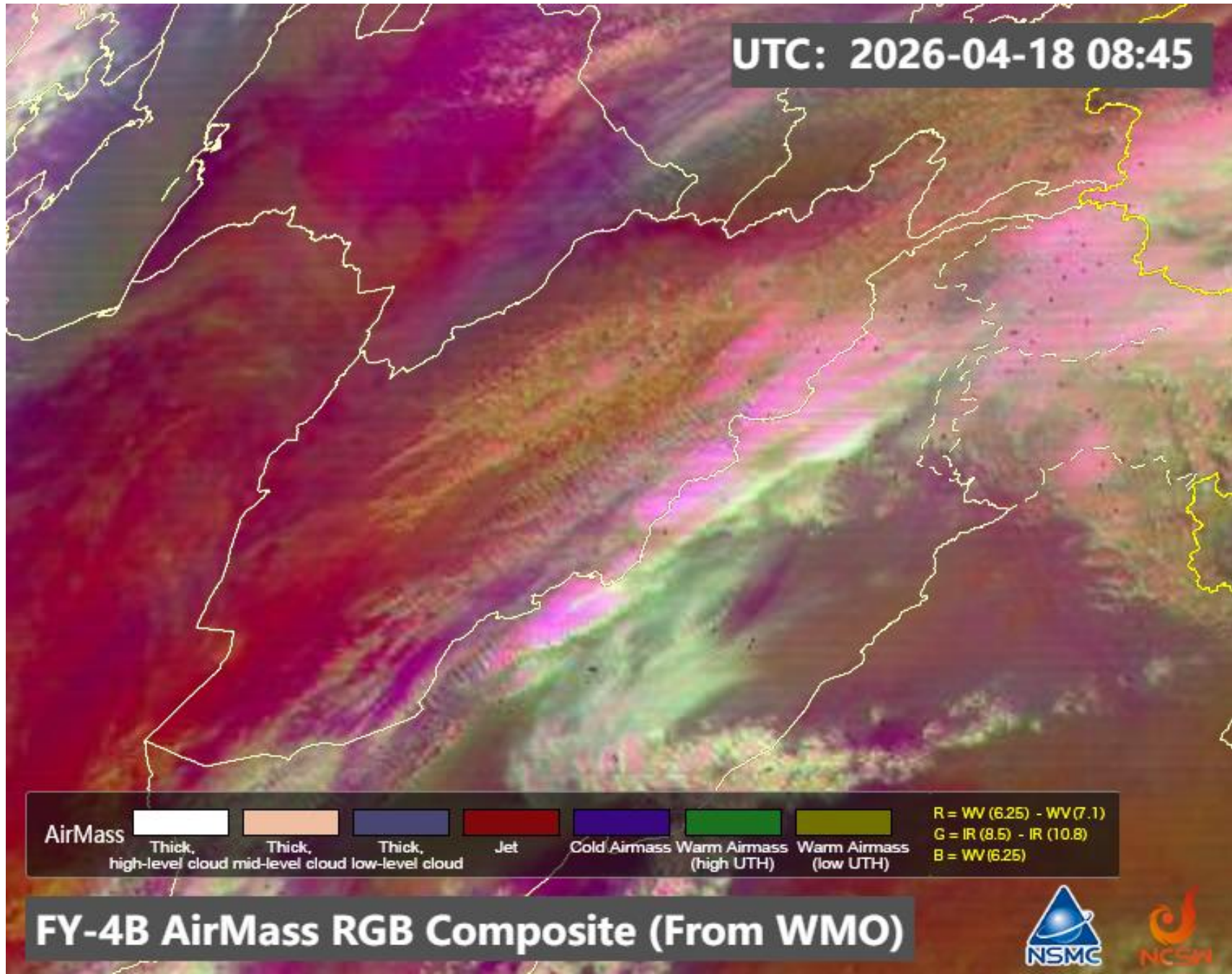
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓ moderate	X	X	
2	South	✓	X	X	✓	X	✓ moderate	X	✓	
3	West	✓	✓	X	X	X	✓ moderate	X	X	
4	East	X	X	✓	✓	X	✓ moderate	X	X	
5	central	X	X	✓	✓	X	✓ moderate	X	X	
6	Northeast	X	X	X	✓	X	✓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

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

Reported by: Mohammad Jawed Moradi

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

UTC: 2026-04-18 08:45



AirMass

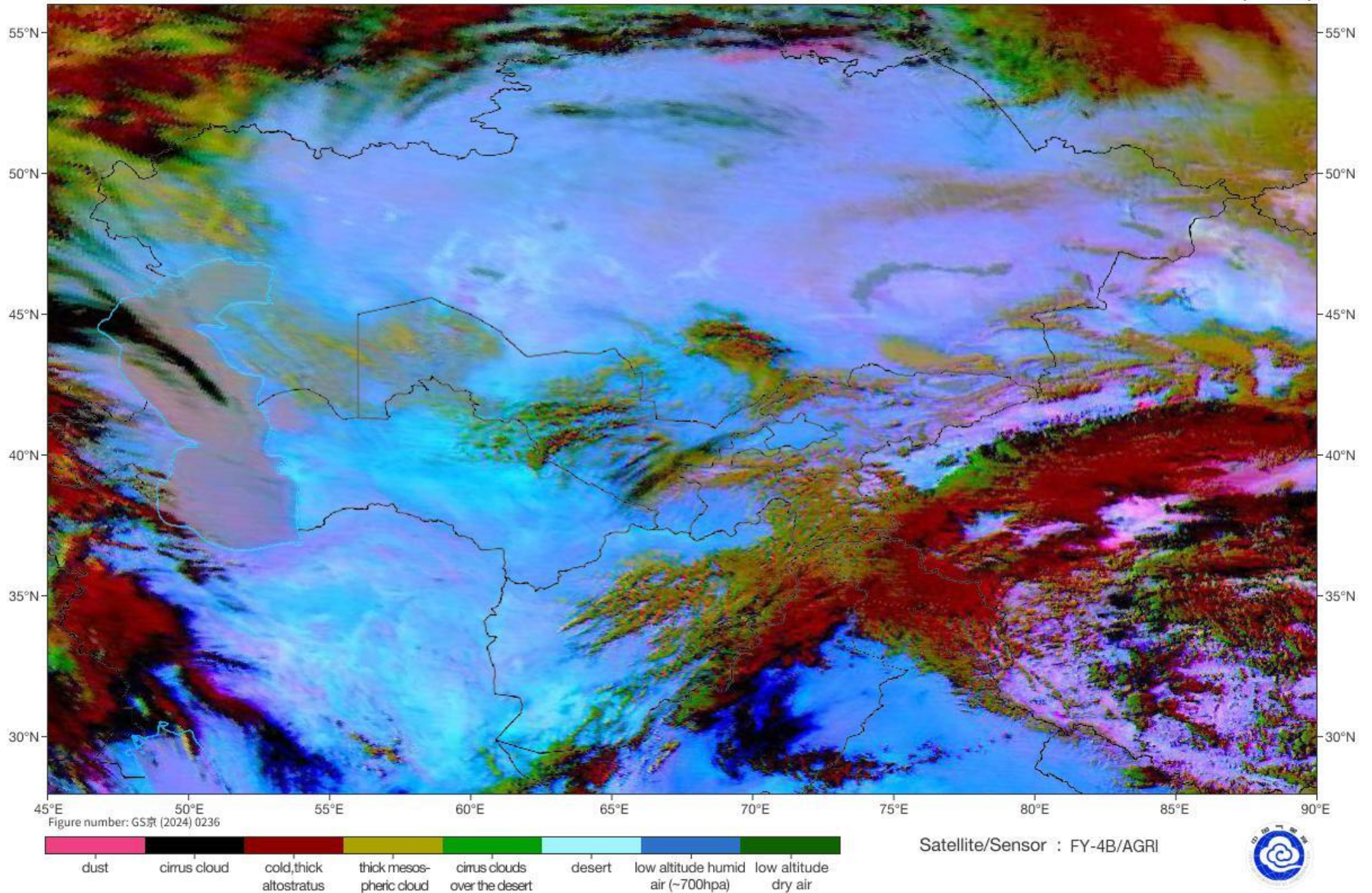
Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)	R = WV (6.25) - WV (7.1)
							G = IR (8.5) - IR (10.8)
							B = WV (6.25)

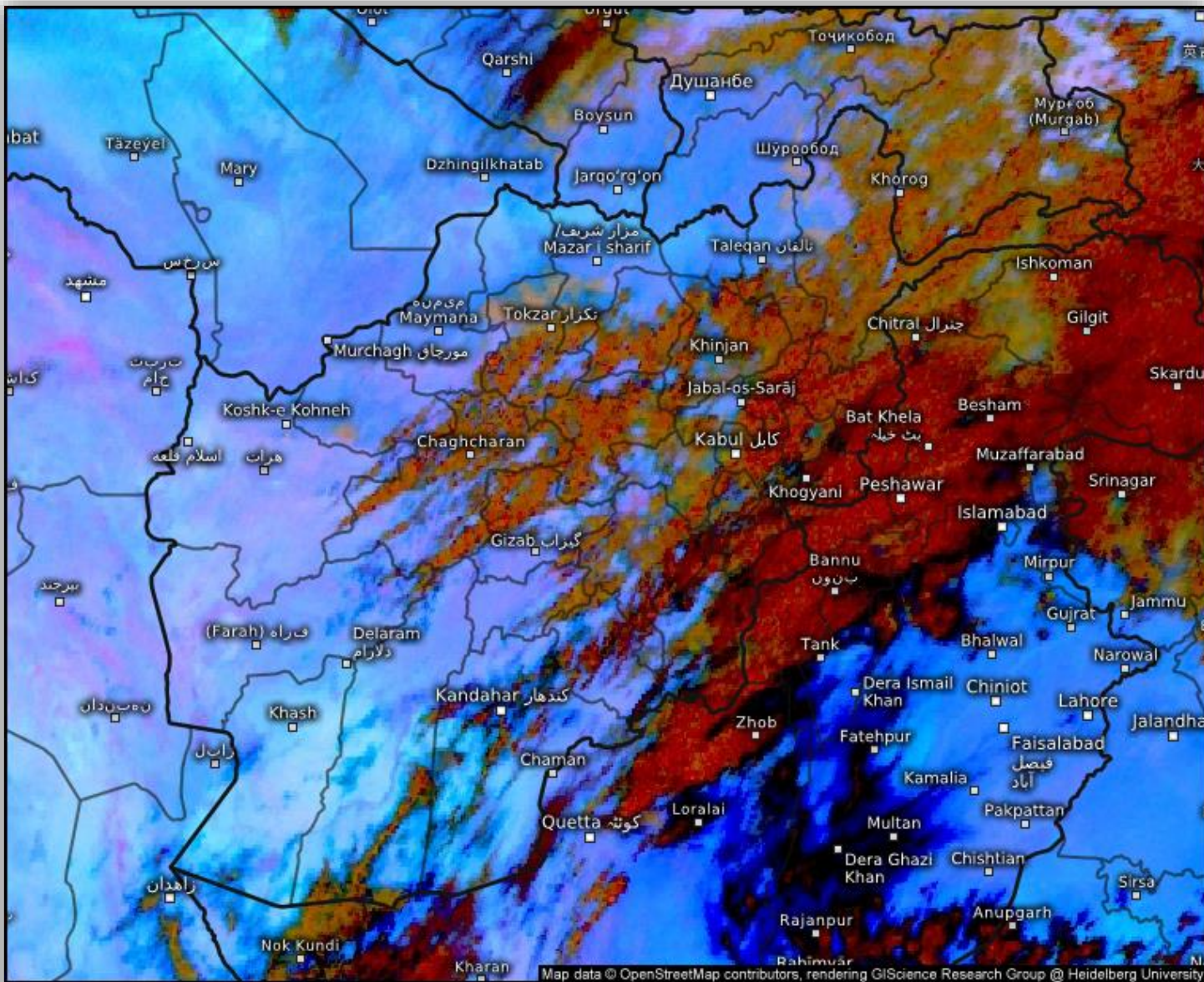
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-04-18 09:00(UTC)





Satellite Dust

Sat 04/18/2026, 01:15pm GMT+0430

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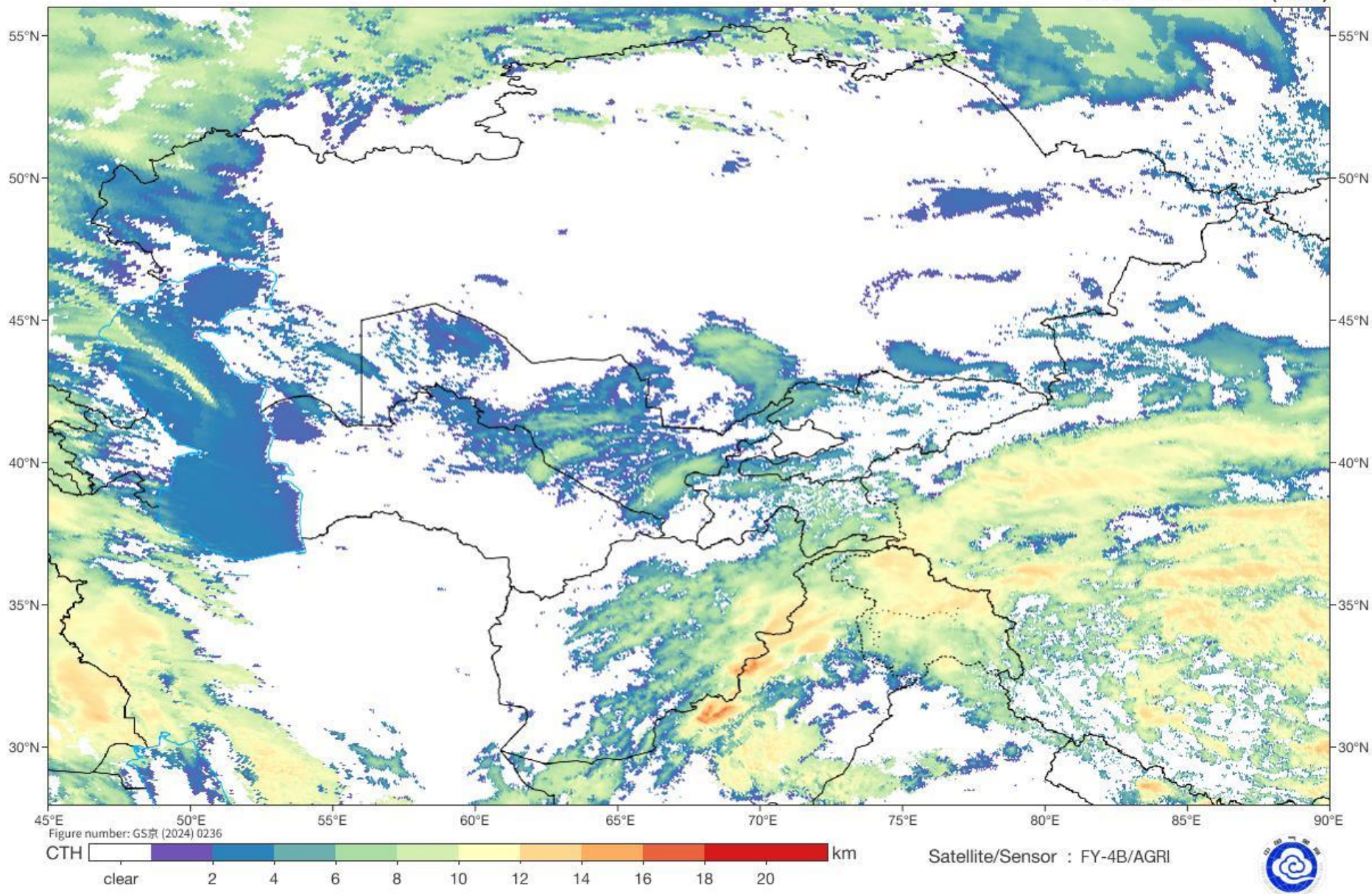
Afghanistan



Satellite data: EUMETSAT

Cloud Top Height

2026-04-18 08:45(UTC)

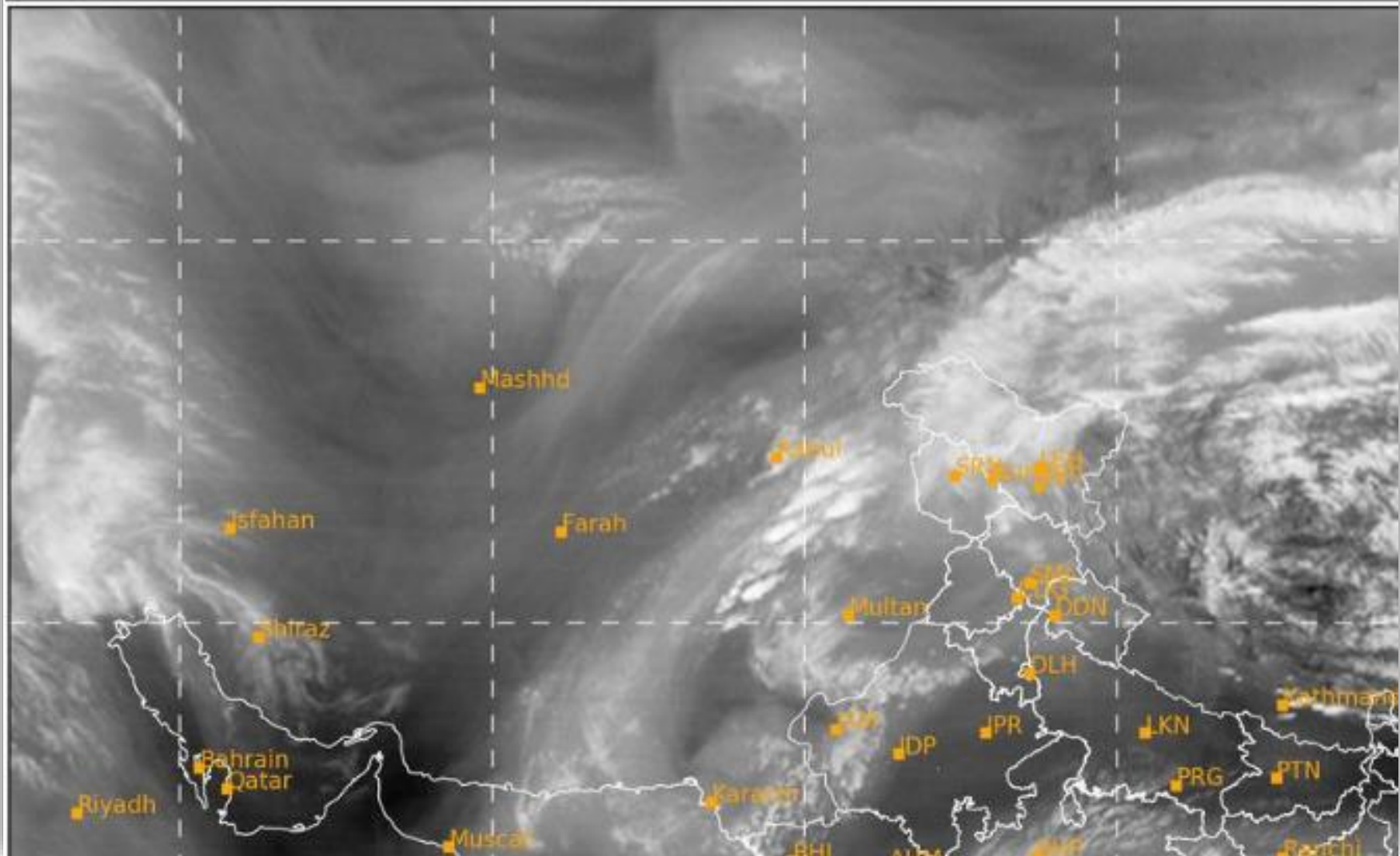


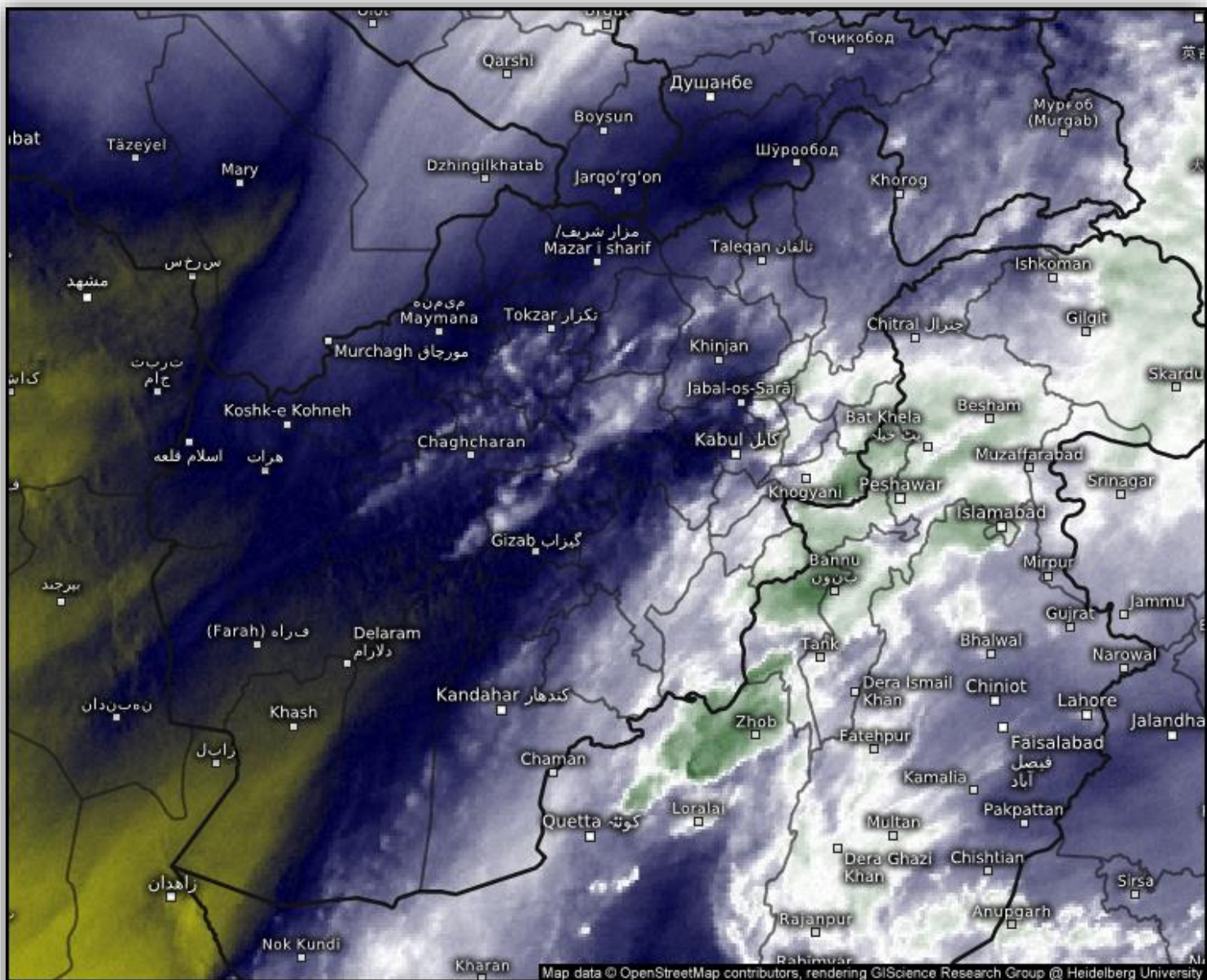
Live satellite map, Afghanistan



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

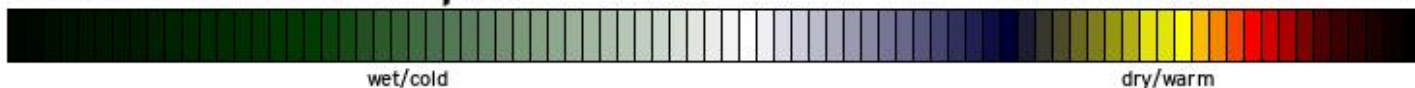
18-04-2026/(0745 to 0812) GMT
18-04-2026/(1315 to 1342) IST





Satellite Water Vapor

Sat 04/18/2026, 01:30pm GMT+0430



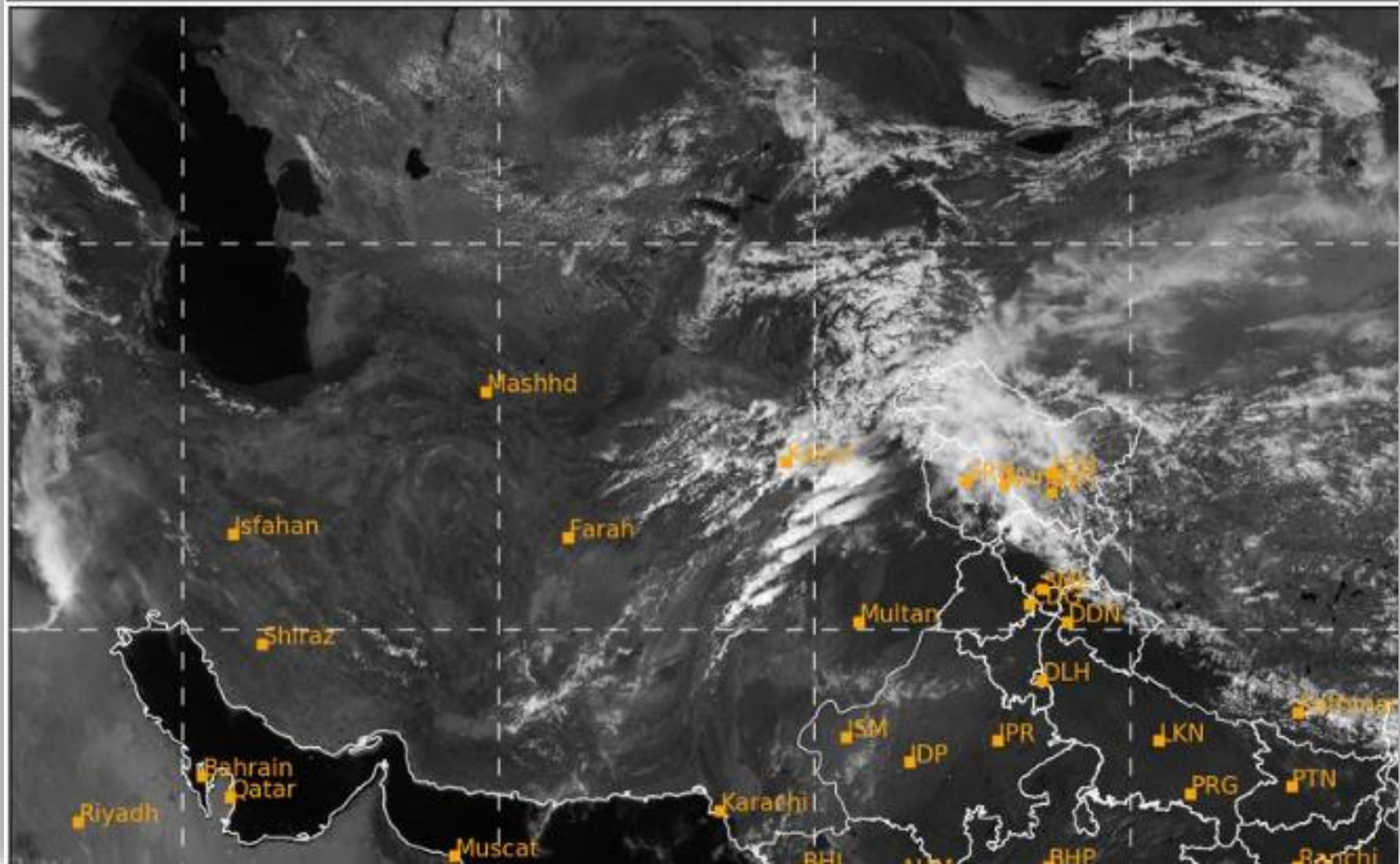
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 Afghanistan

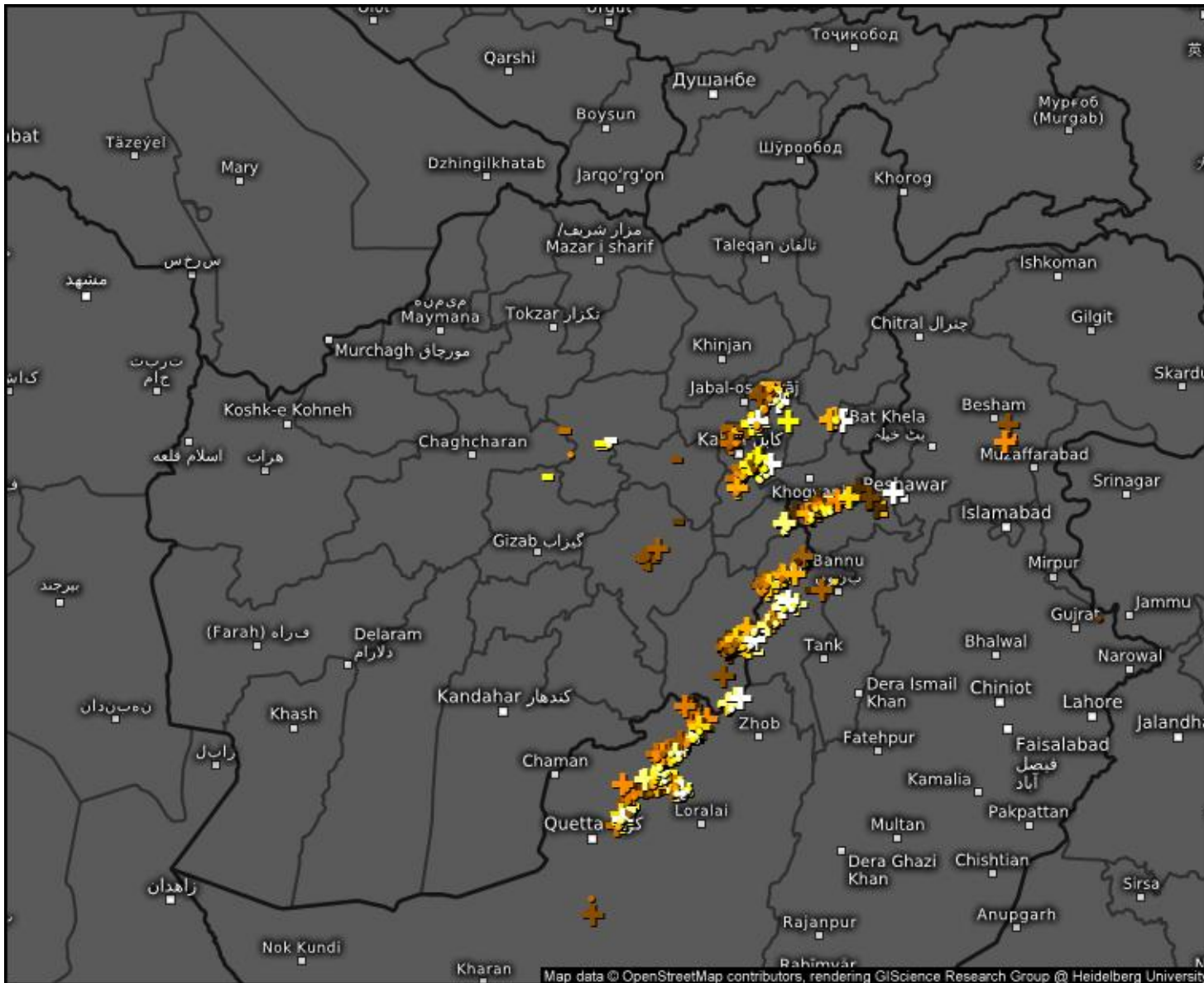


Satellite data: EUMETSAT

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

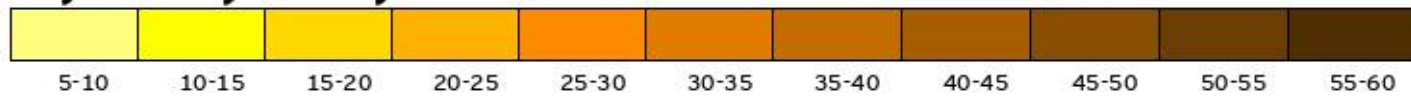
18-04-2026/(0745 to 0812) GMT
18-04-2026/(1315 to 1342) IST





Age of lightning (minutes)

Sat 04/18/2026, 01:30pm GMT+0430



Afghanistan

