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

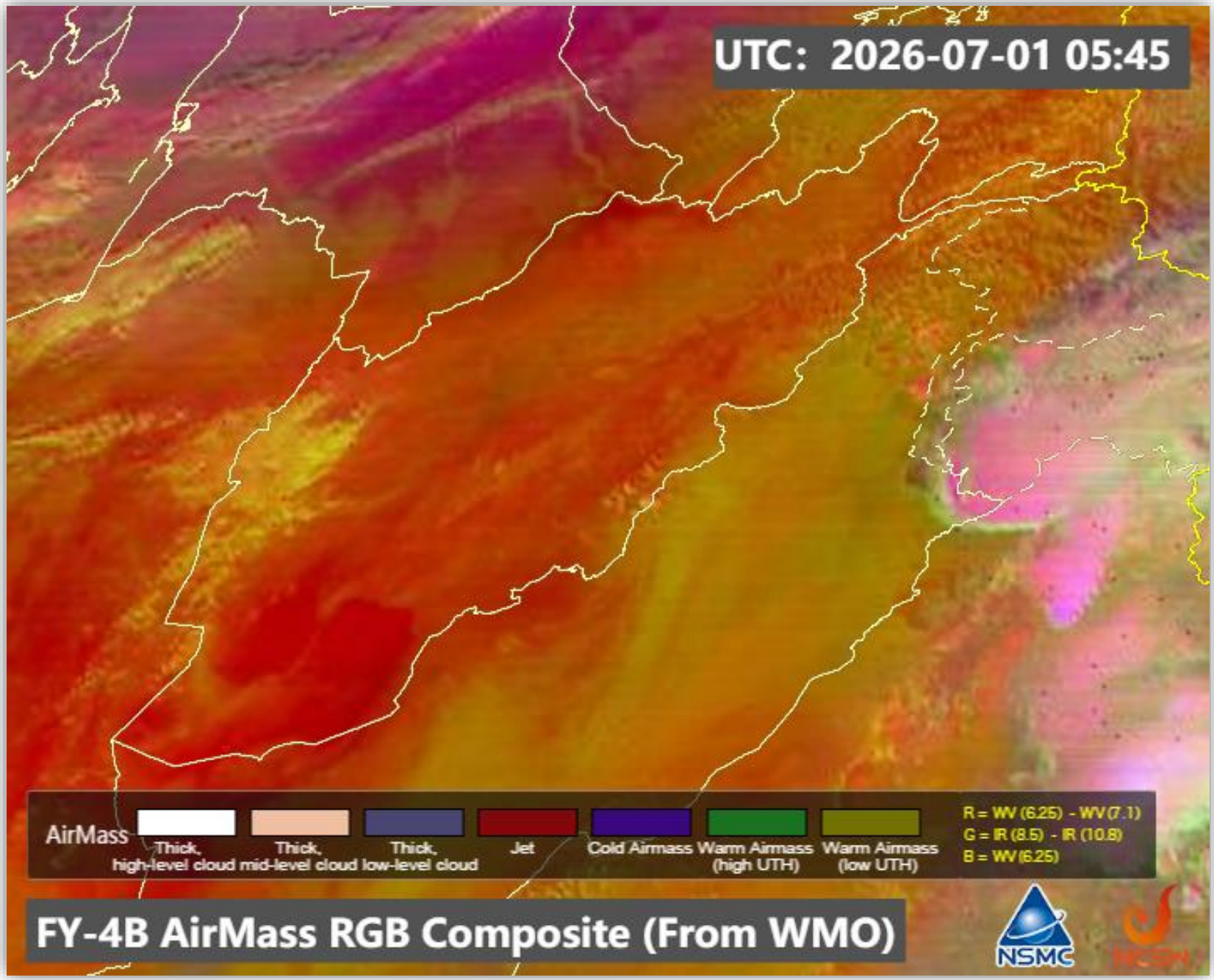
Daily reports of Satellite imagery analysis. Date & Time: 01-07-2026, 06:00 UTC

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

Details: **according to satellite imagery analysis, the central and northeastern areas are weak warm air mass. the southwestern area is dust storm. The western area is partly cloudy sky. The all regions are dry which the exception of western and northeastern areas are weak water vapor.**

Reported by: Mohammad Jawed Moradi.

Not: X (Not existing phenomena) √ (existing phenomena)


UTC: 2026-07-01 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

Sand And Dust Identification

2026-07-01 05:45(UTC)

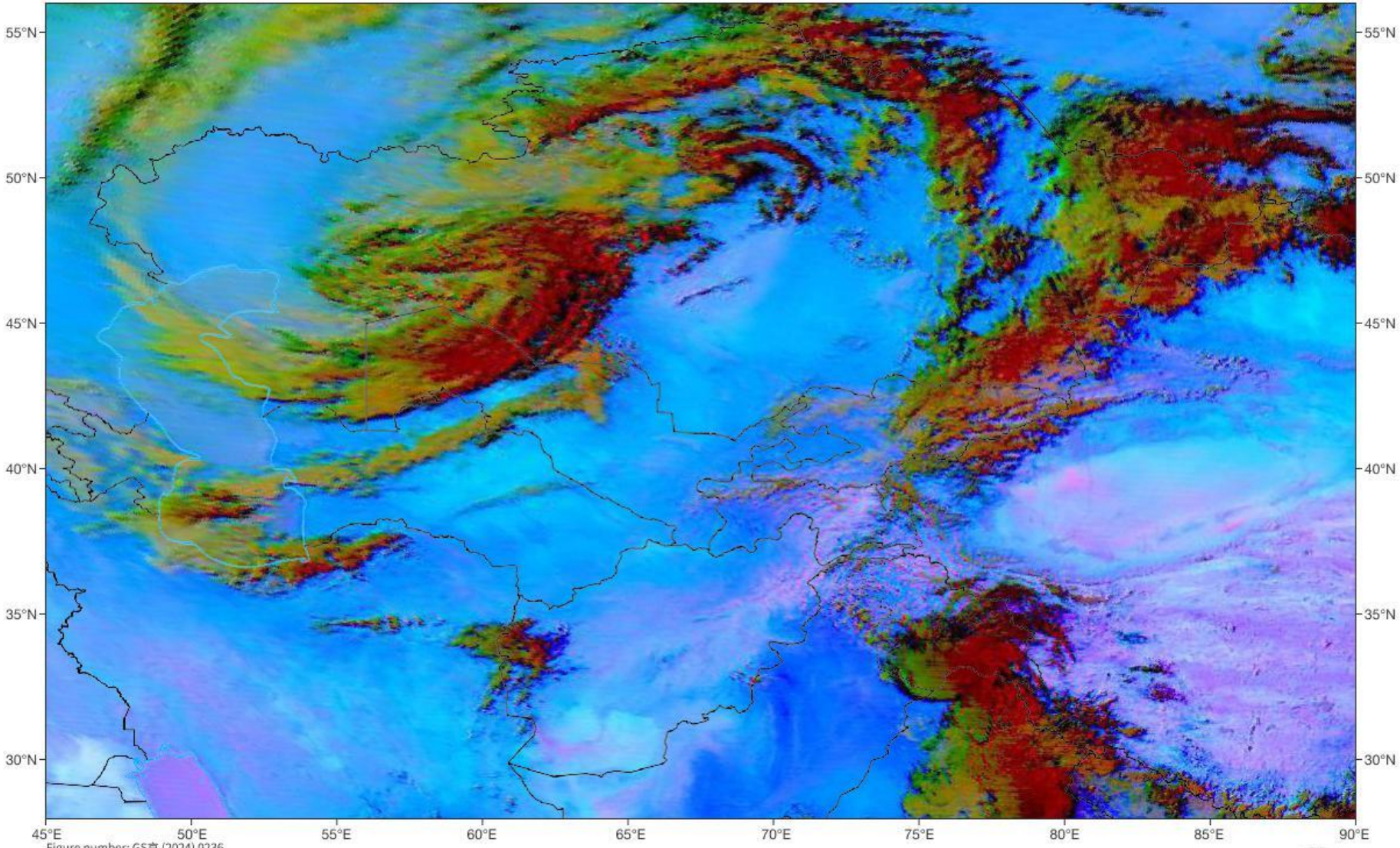
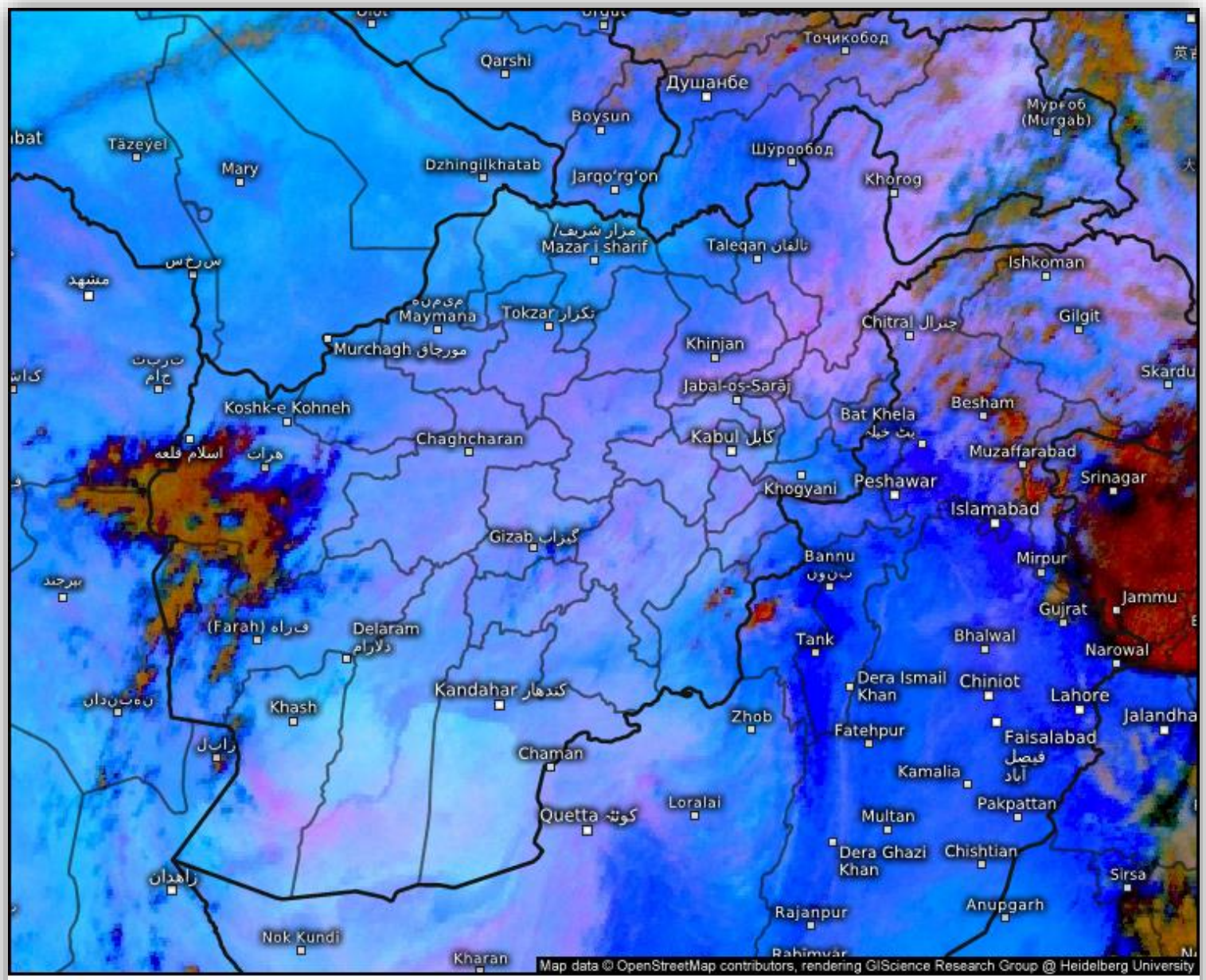


Figure number: GS京 (2024) 0236

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

Satellite/Sensor ： FY-4B/AGRI



Satellite Dust

Wed 07/01/2026, 10:15am GMT+0430

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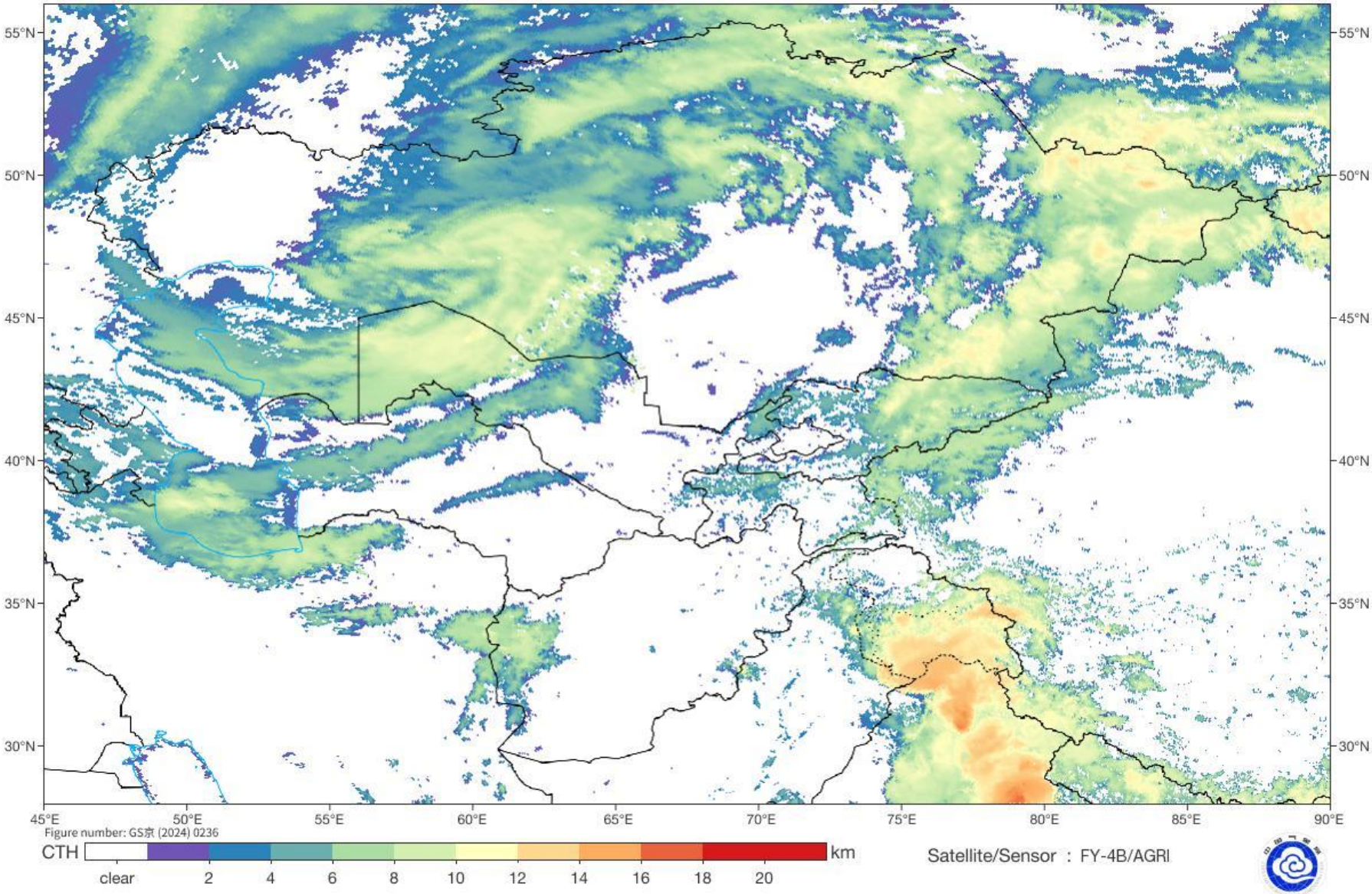
meteologix

Afghanistan

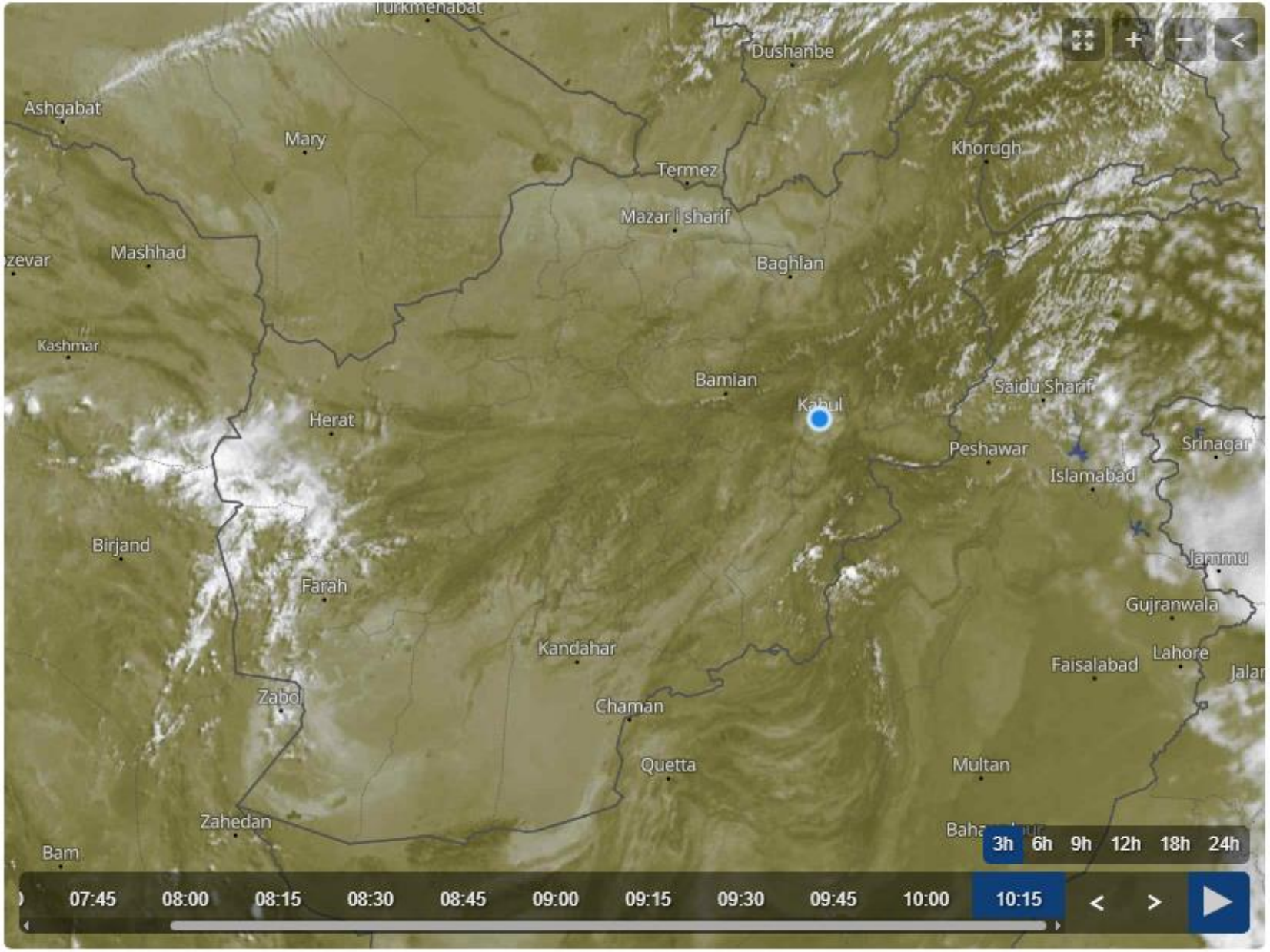
Satellite data: EUMETSAT

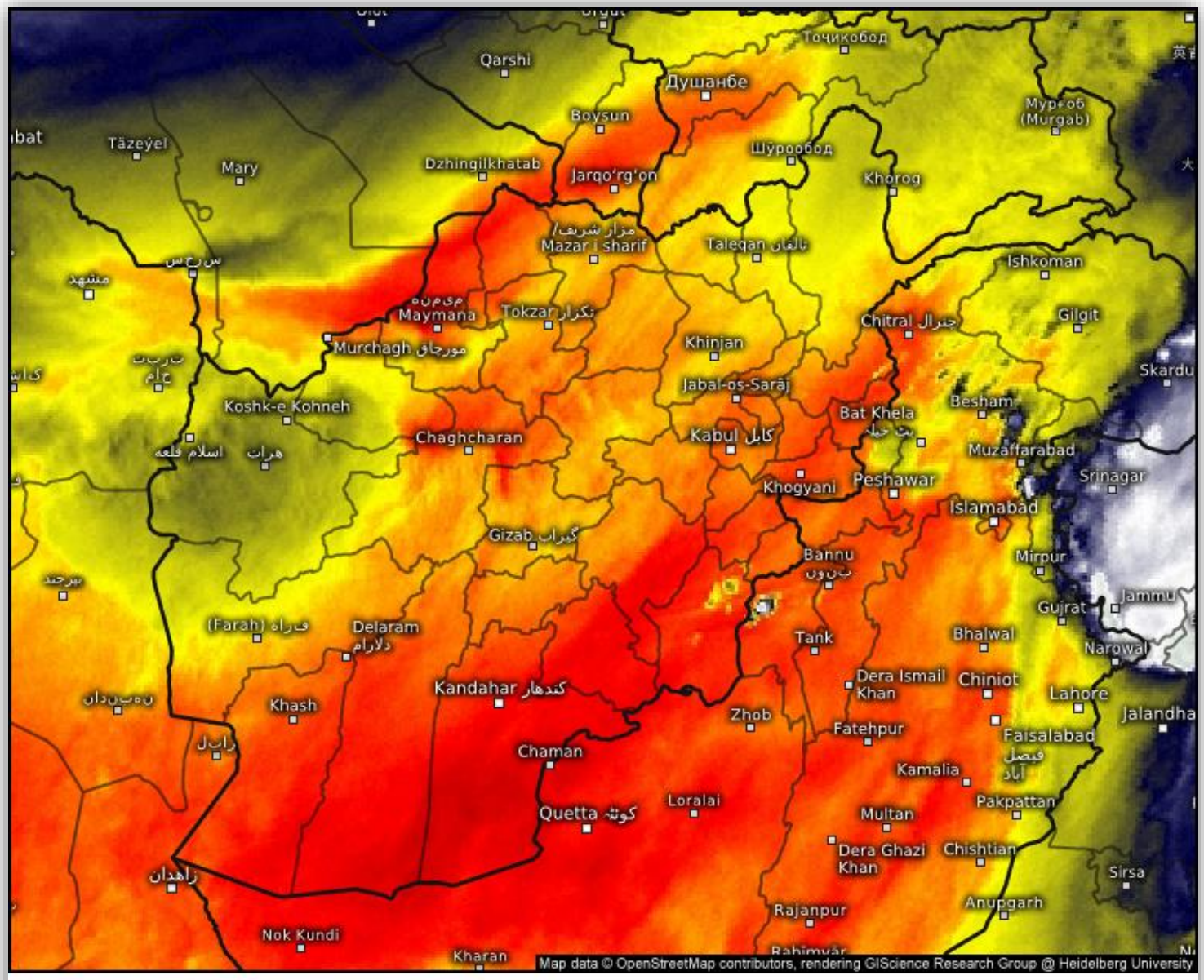
Cloud Top Height

2026-07-01 05:45(UTC)



Live satellite map, Afghanistan





Satellite Water Vapor

Wed 07/01/2026, 10:15am GMT+0430

wet/cold — dry/warm

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Afghanistan

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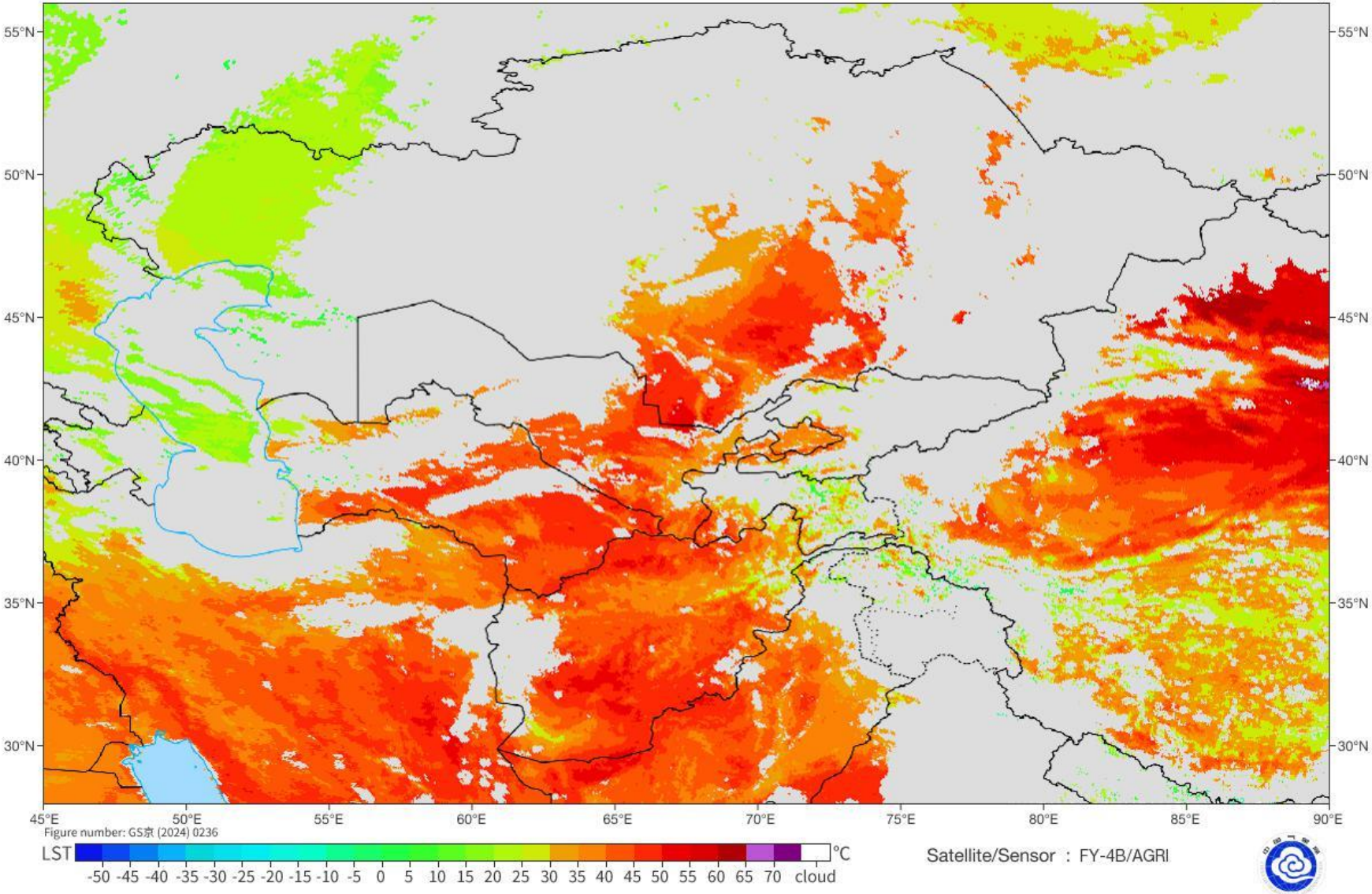
Satellite data: EUMETSAT

Land Surface Temperature

2026-07-01 05:45(UTC)