



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



Daily reports of Satellite imagery analysis. Date & Time: 09-08-2026, 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	✓ weak	X	X	
2	South	X	X	X	X	X	✓ dry	X	X	
3	West	X	X	X	X	X	✓ dry	X	X	
4	East	X	X	✓	✓	X	✓ weak	X	X	
5	central	X	✓	X	✓	X	✓ weak	X	X	
6	Northeast	X	X	X	✓	X	✓ weak	X	X	
7	Southeast	✓	X	X	X	X	✓ weak	X	X	
8	Northwest	✓	X	X	X	X	✓ dry	X	X	
9	Southwest	X	✓	X	X	X	✓ dry	X	X	

Details: according to satellite imagery analysis, the northern, southeastern and northwestern areas are warm air mass. the central and southwestern areas are weak dust. The eastern area is thunder storm. The eastern, central and northeastern areas are partly cloudy sky. The northern, eastern, central, northeastern and southeastern areas are weak water vapor but the southern, western, northwestern and southwestern areas are dry.

Reported by: Mohammad Jawed Moradi

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

UTC: 2026-08-09 08:45

AirMass

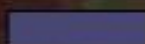


Thick,
high-level cloud



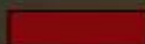
Thick,

mid-level cloud



Thick,

low-level cloud



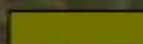
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

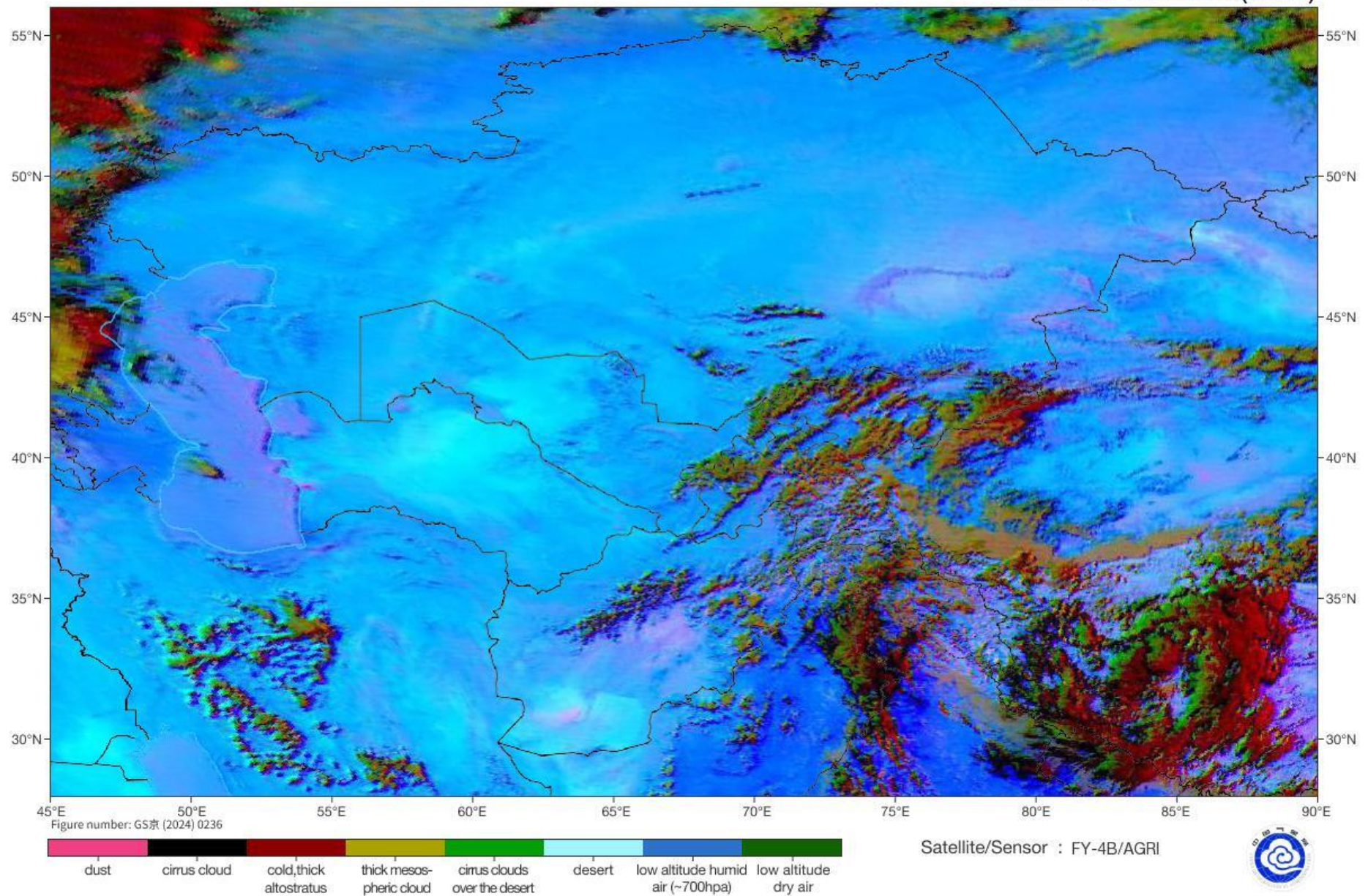
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

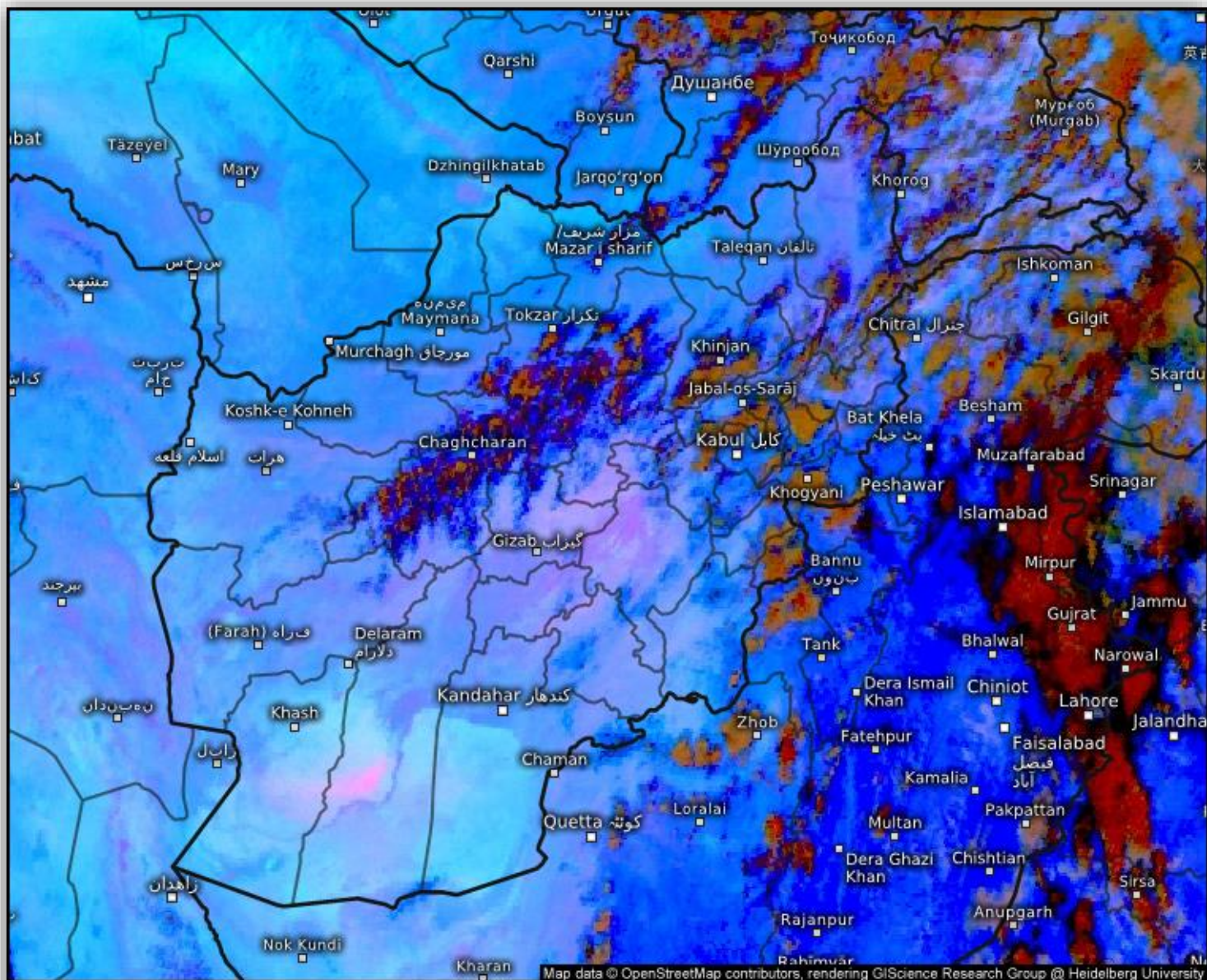
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-08-09 09:00(UTC)





Satellite Dust

Sun 08/09/2026, 01:30pm GMT+0430

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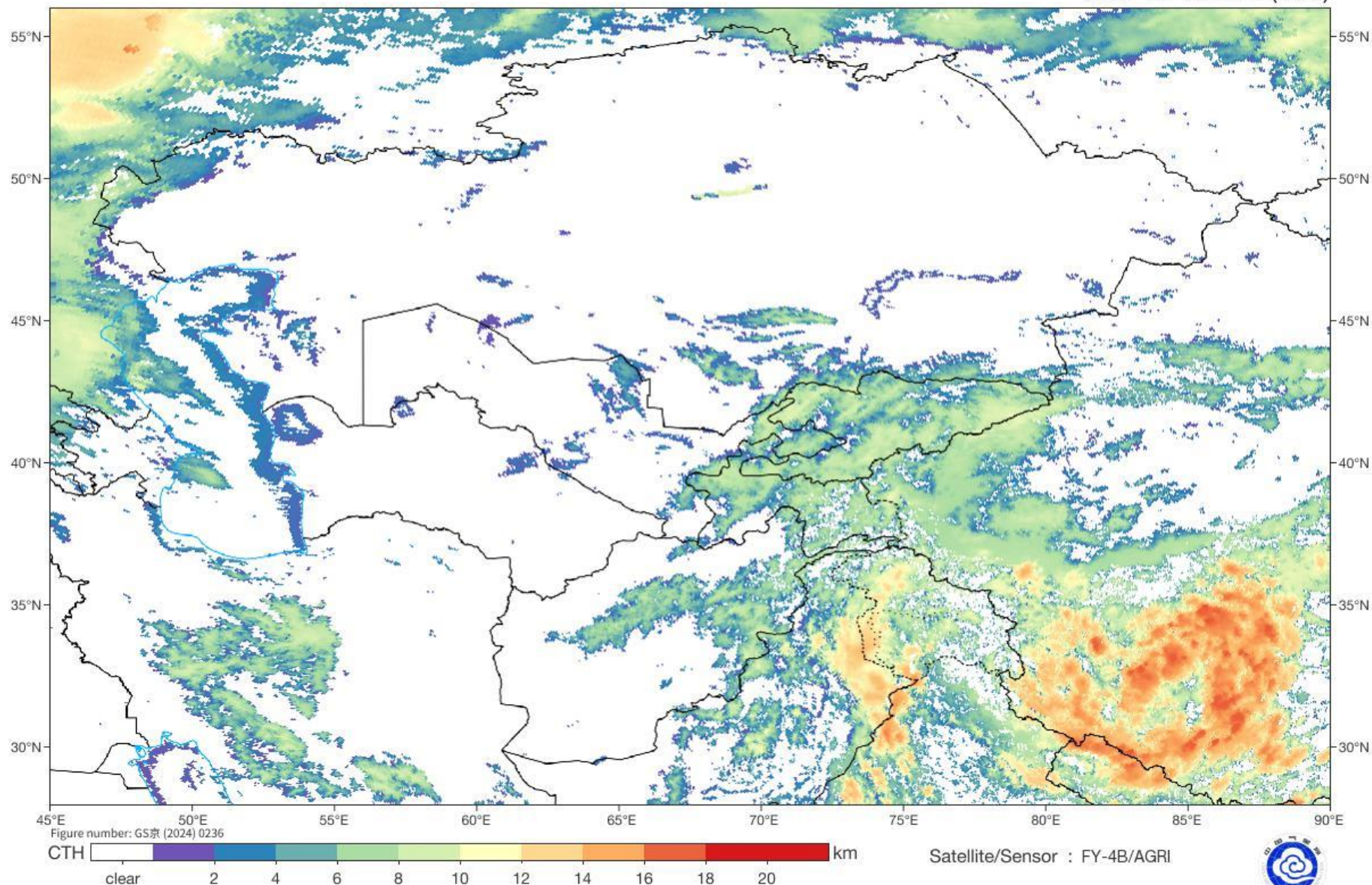
Afghanistan

 **meteologix**

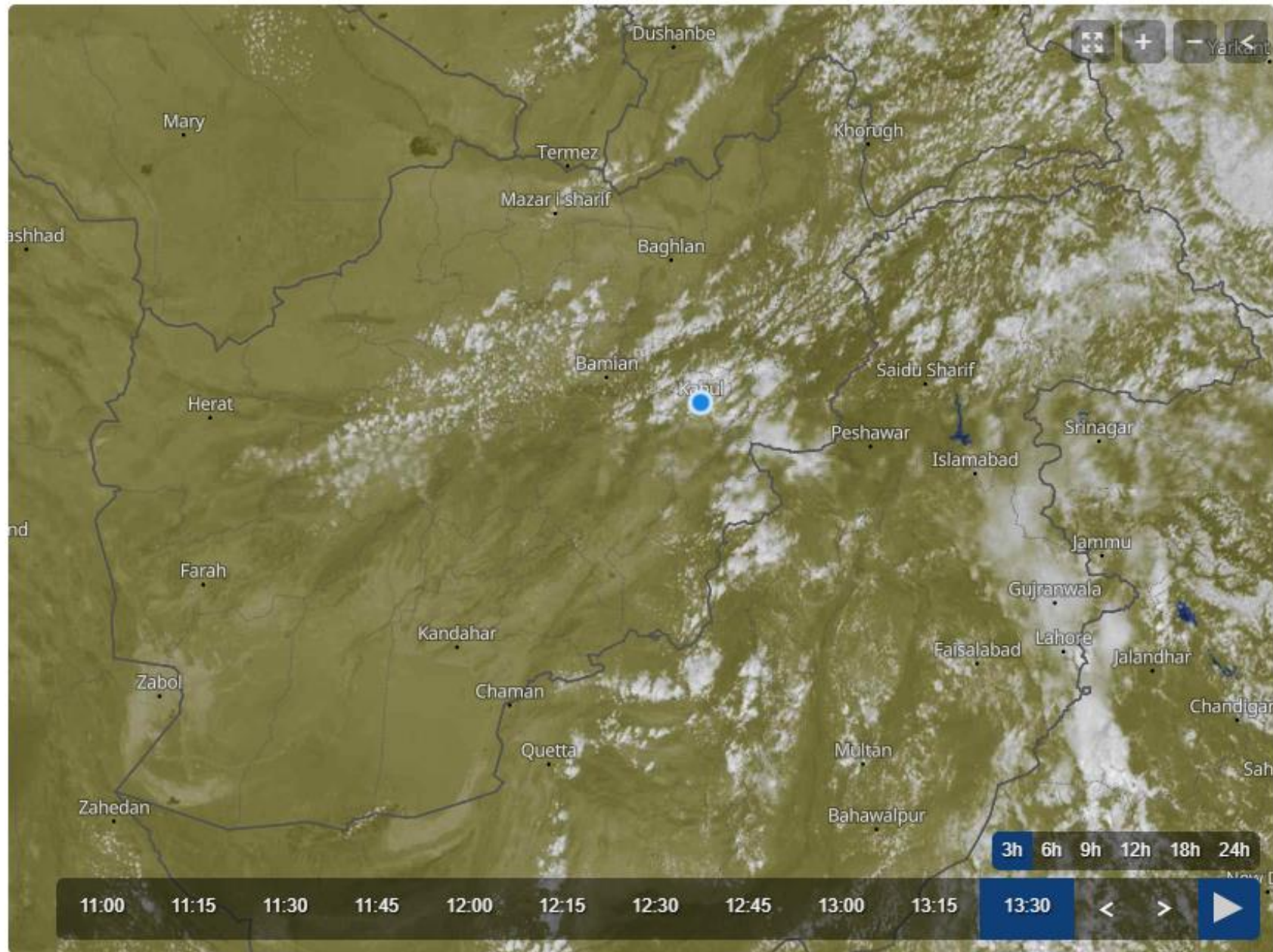
Satellite data: EUMETSAT

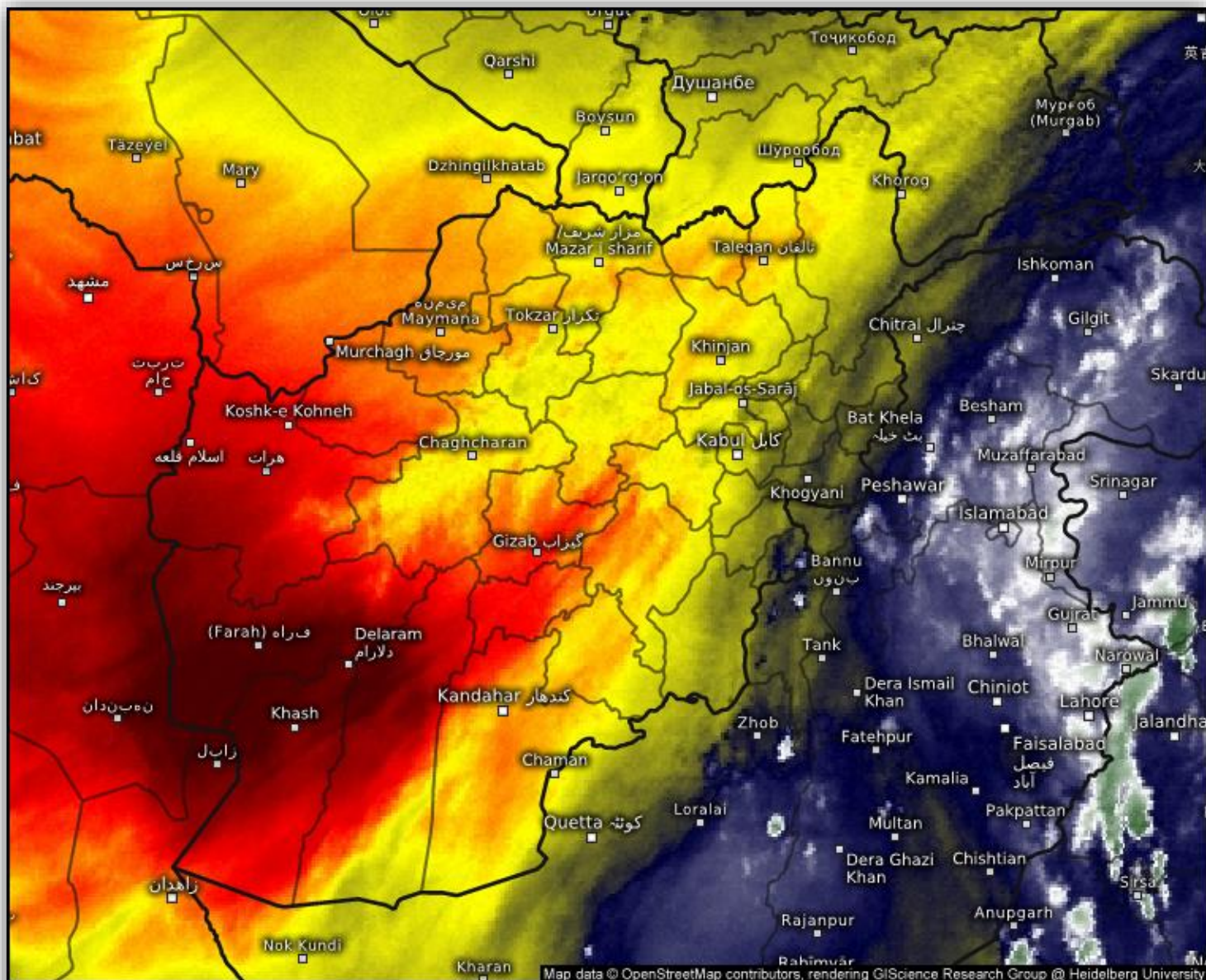
Cloud Top Height

2026-08-09 08:45(UTC)



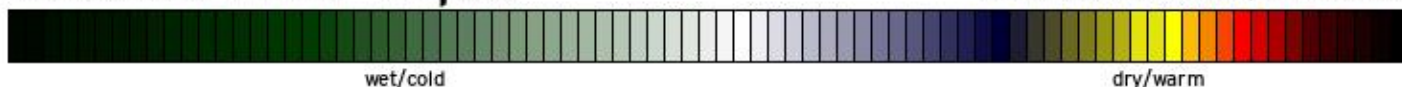
Live satellite map, Afghanistan





Satellite Water Vapor

Sun 08/09/2026, 01:30pm GMT+0430



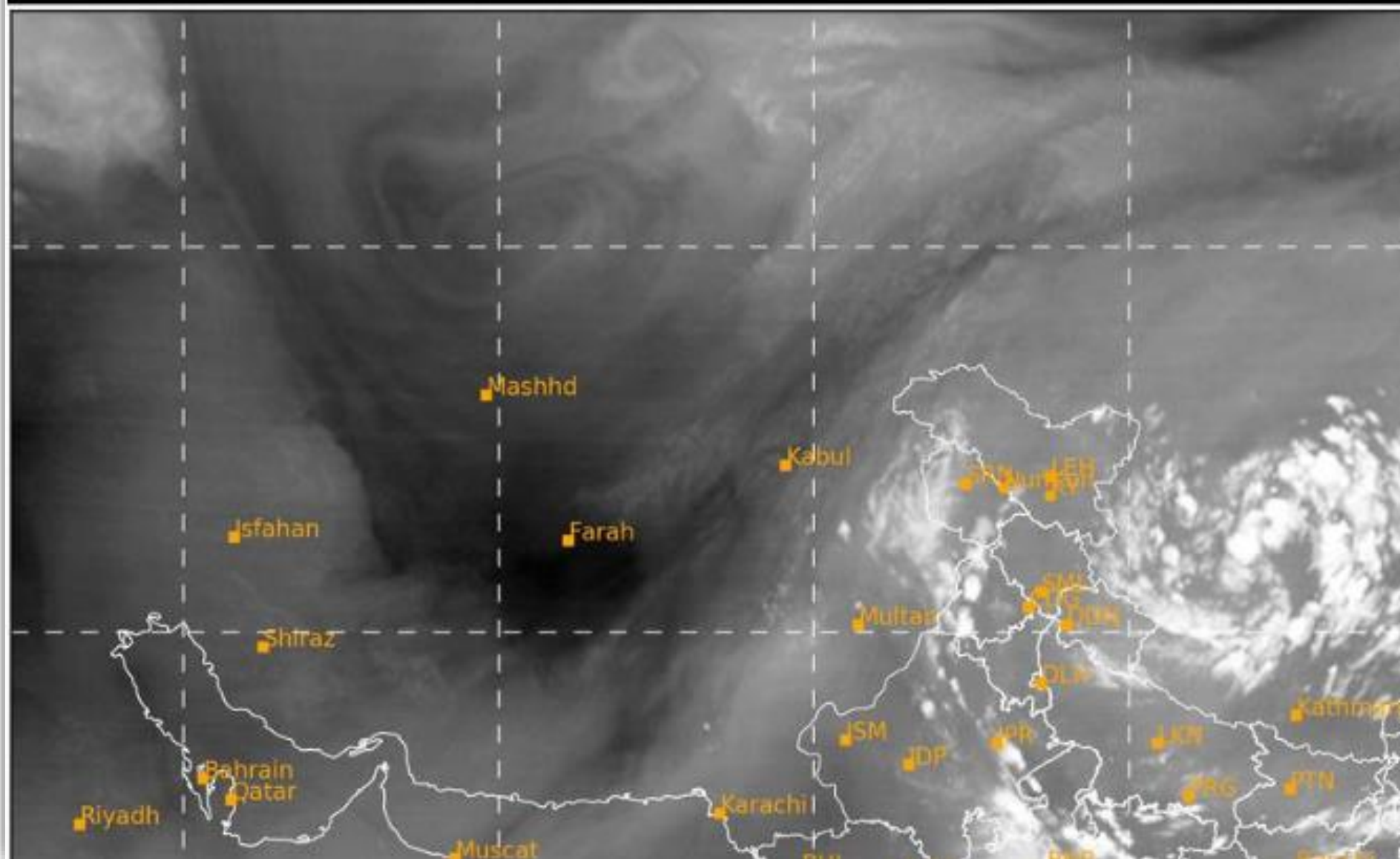
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Afghanistan

 **meteologix**

Satellite data: EUMETSAT

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

09-08-2026/(0745 to 0812) GMT
09-08-2026/(1315 to 1342) IST



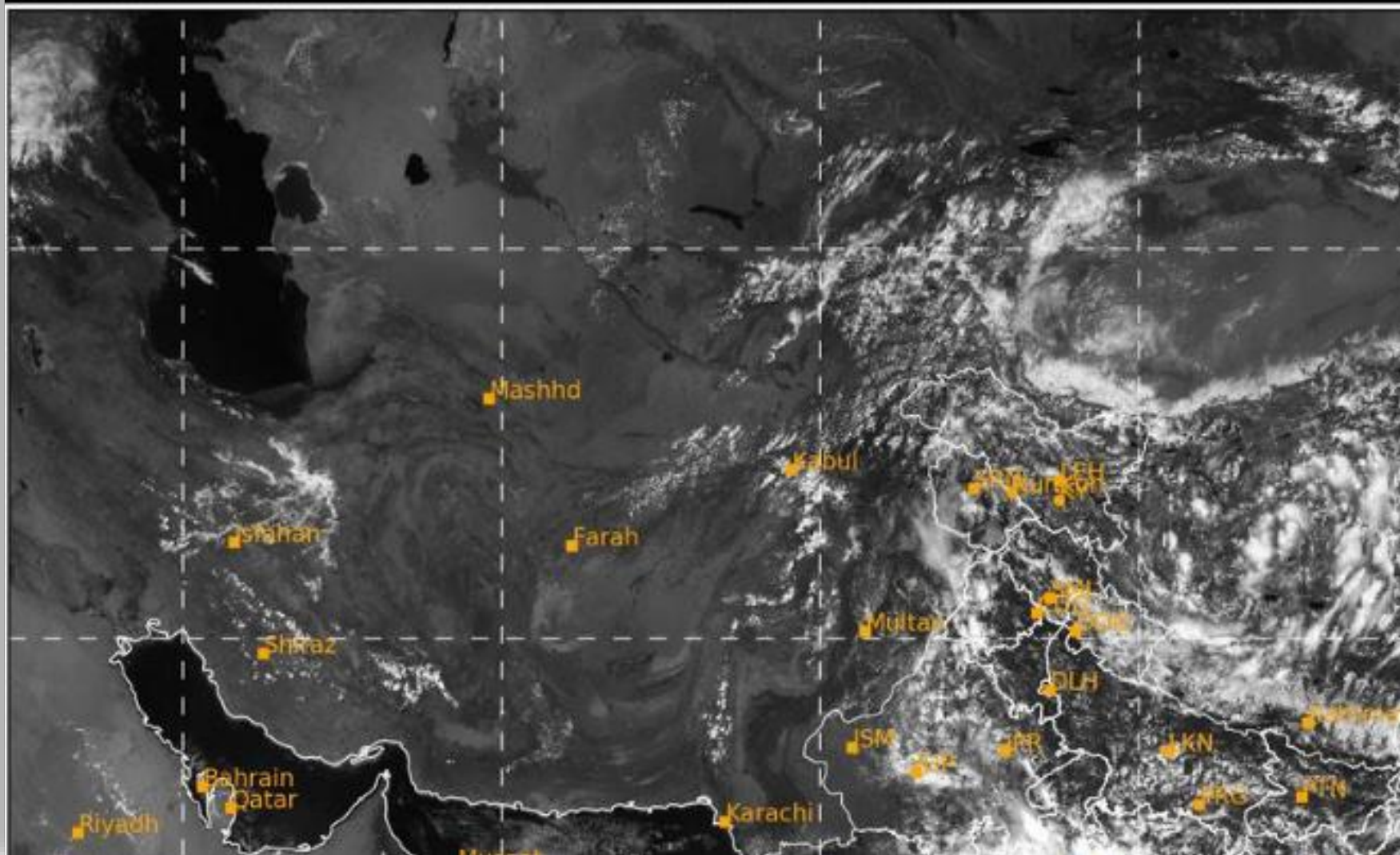
SAT : INSAT-3DR IMG

Visible Count 0.65 um

L1C Mercator

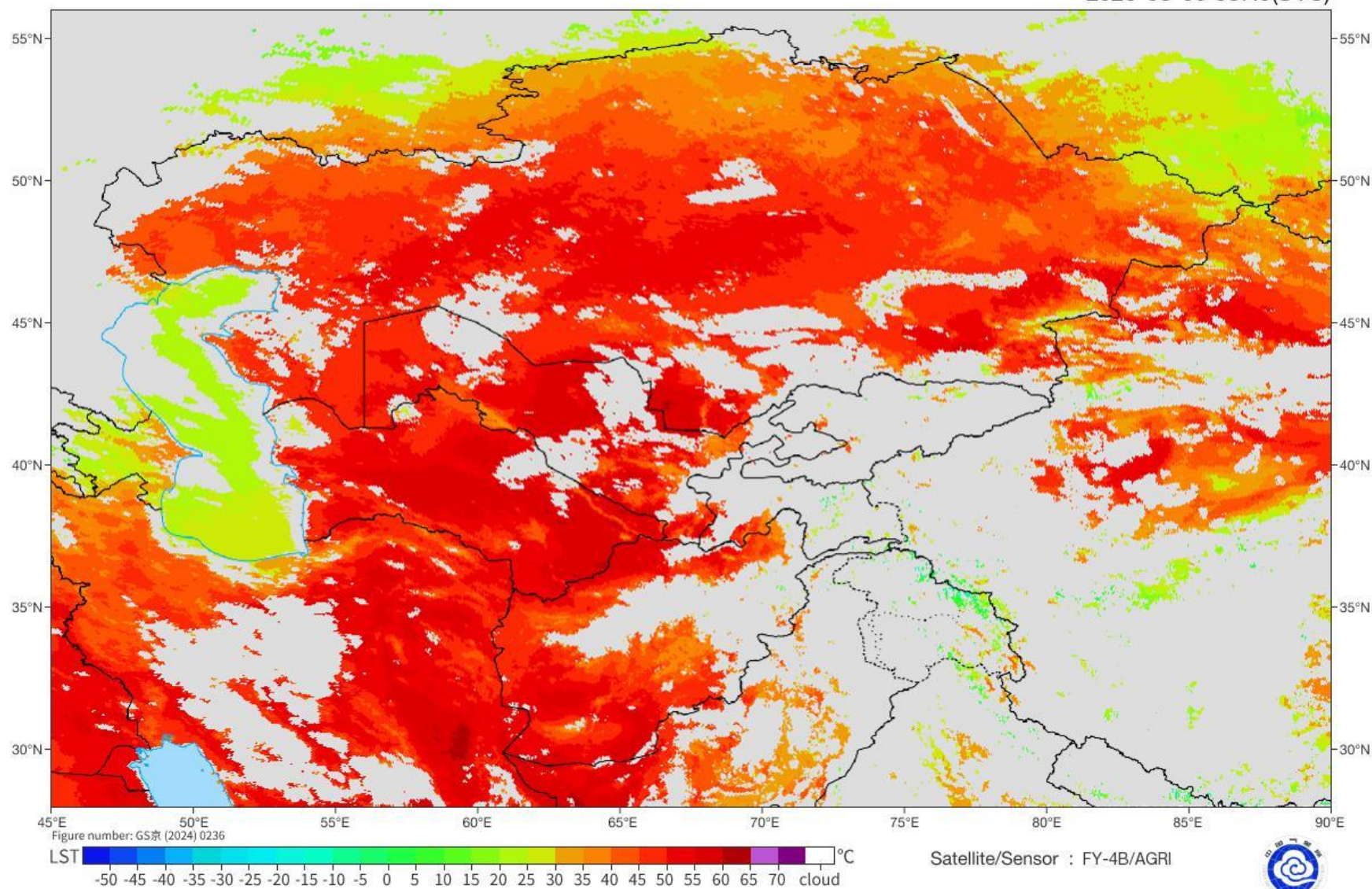
09-08-2026/(0745 to 0812) GMT

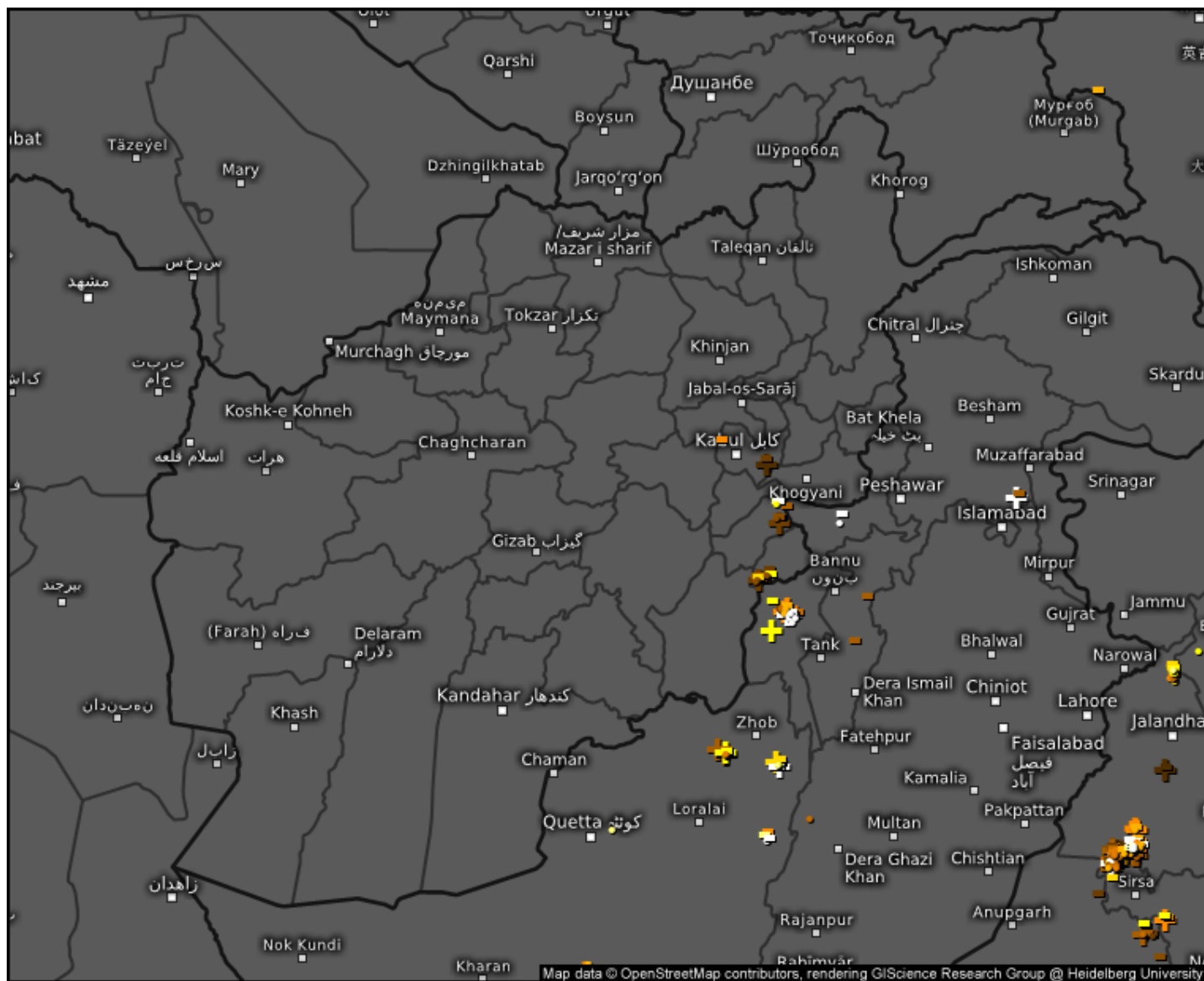
09-08-2026/(1315 to 1342) IST



Land Surface Temperature

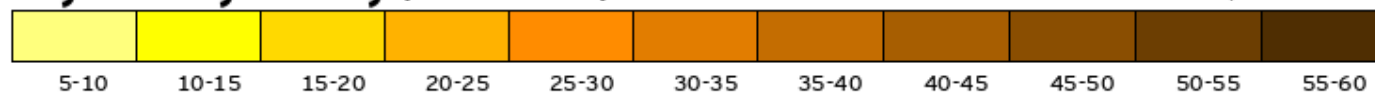
2026-08-09 08:45(UTC)





Age of lightning (minutes)

Sun 08/09/2026, 01:30pm GMT+0430



Afghanistan