



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



Daily reports of Satellite imagery analysis. Date & Time: 21-09-2026, 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	X	
2	South	✓	✓	X	X	X	✓	X	X	
3	West	✓	✓	X	X	X	✓	X	X	
4	East	✓	X	X	X	X	✓	X	X	
5	central	✓	✓	X	X	X	✓	X	X	
6	Northeast	✓	✓	X	✓	X	✓	X	X	
7	Southeast	✓	✓	X	X	X	✓	X	X	
8	Northwest	✓	✓	X	X	X	✓	X	X	
9	Southwest	✓	✓	X	X	X	✓	X	X	

Details: according to satellite imagery analysis, the western, eastern, central, northeastern, southeastern and northwestern areas have warm air mass but the northern, southern and southwestern areas have cold air mass. the southern, western, central, northeastern, southeastern, northwestern and southwestern areas have weak dust. the northeastern area has partly cloudy sky. The all regions have weak water vapor.

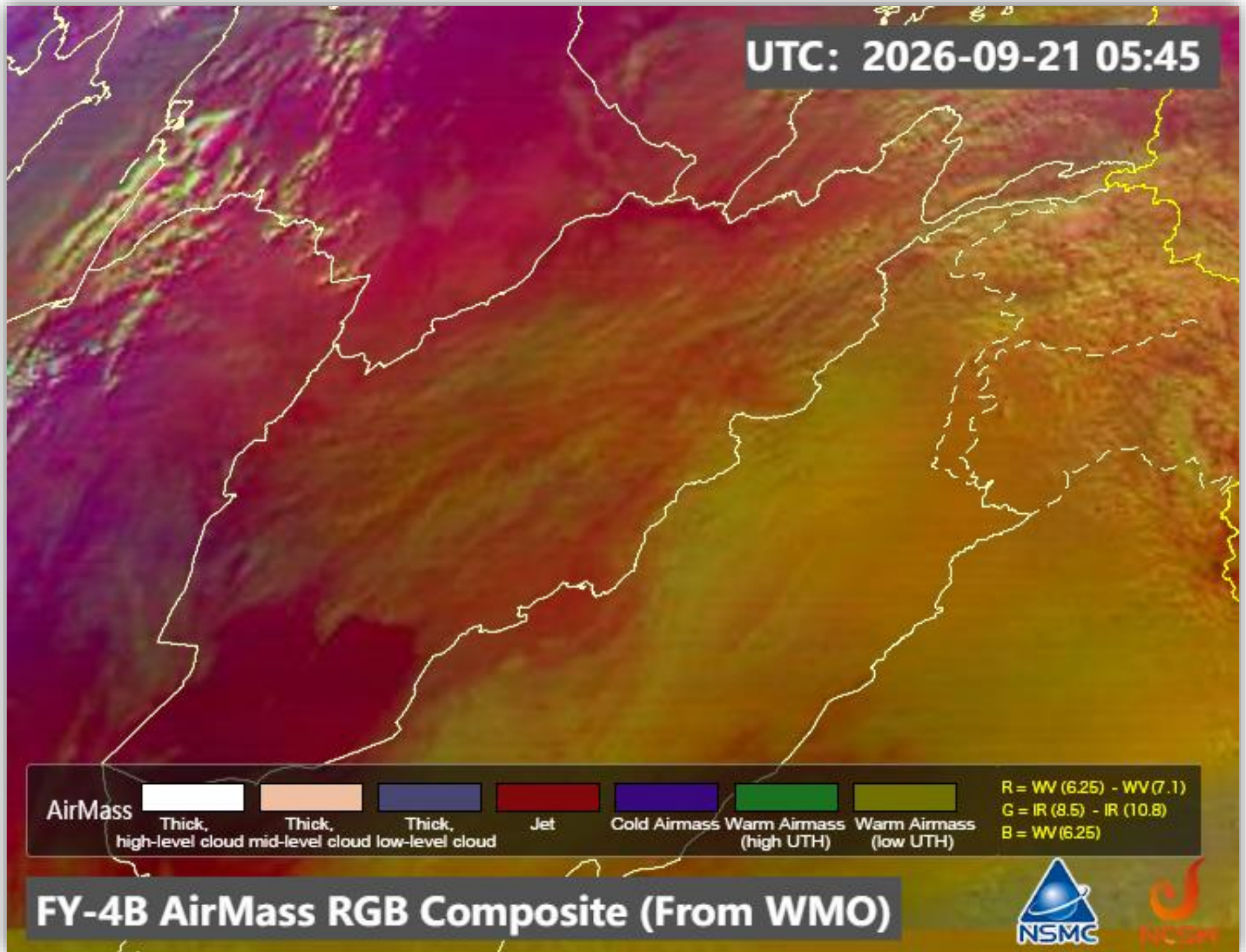
Note: ✓(existing phenomena) X (Not existing phenomena)

Reported by: Mohammad Jawed Moradi

Legend:

Dust	Water vapor	Air mass	Thunder storm	Cloud	Fog	Jet stream	Cyclone & Anticyclone
Weak Dust	Dust storm	Weak	Dry	Moderate	Warm	Cold	

UTC: 2026-09-21 05:45



AirMass



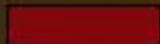
Thick,
high-level cloud



Thick,
mid-level cloud



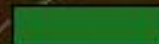
Thick,
low-level cloud



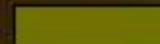
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

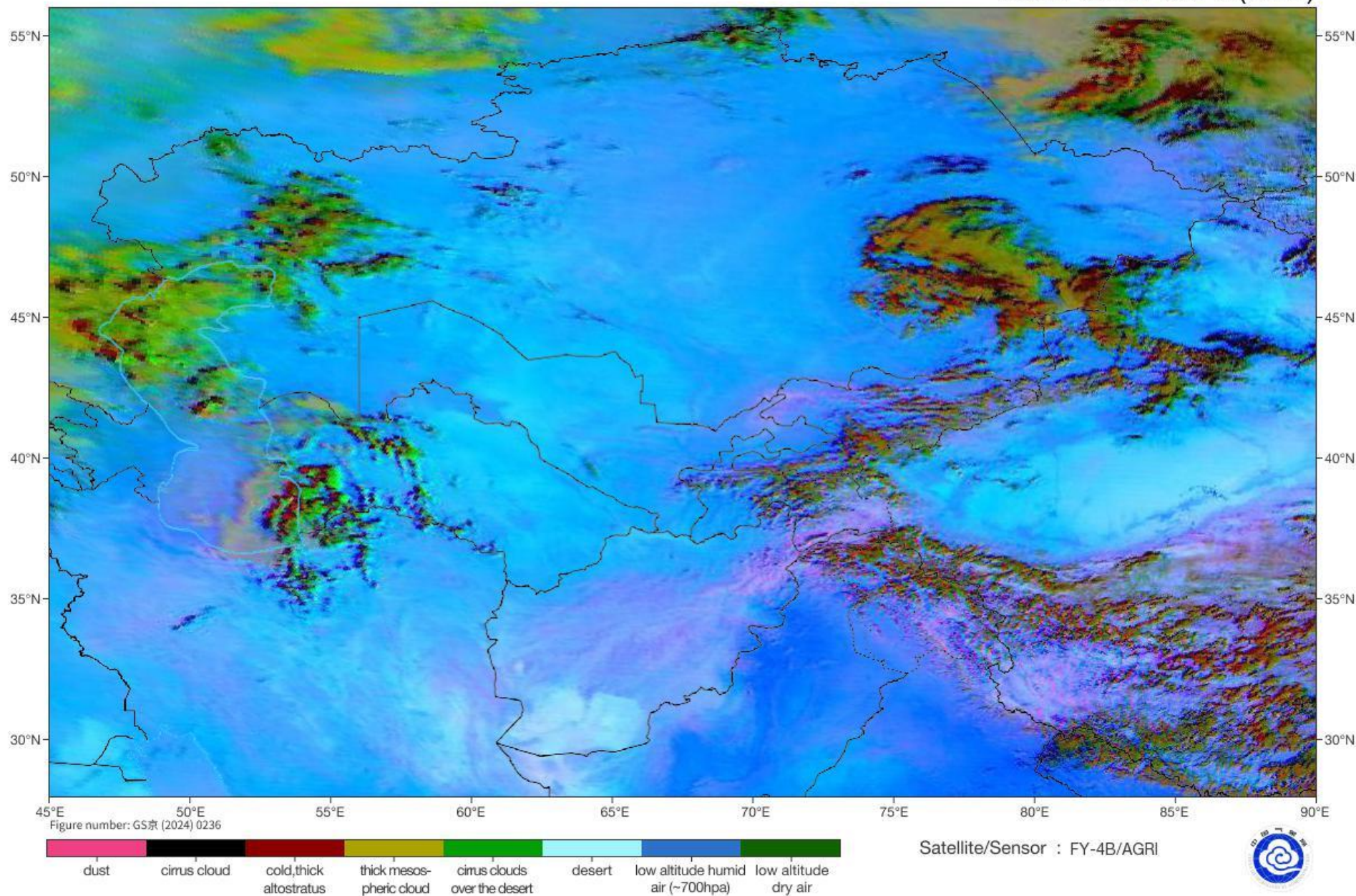
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

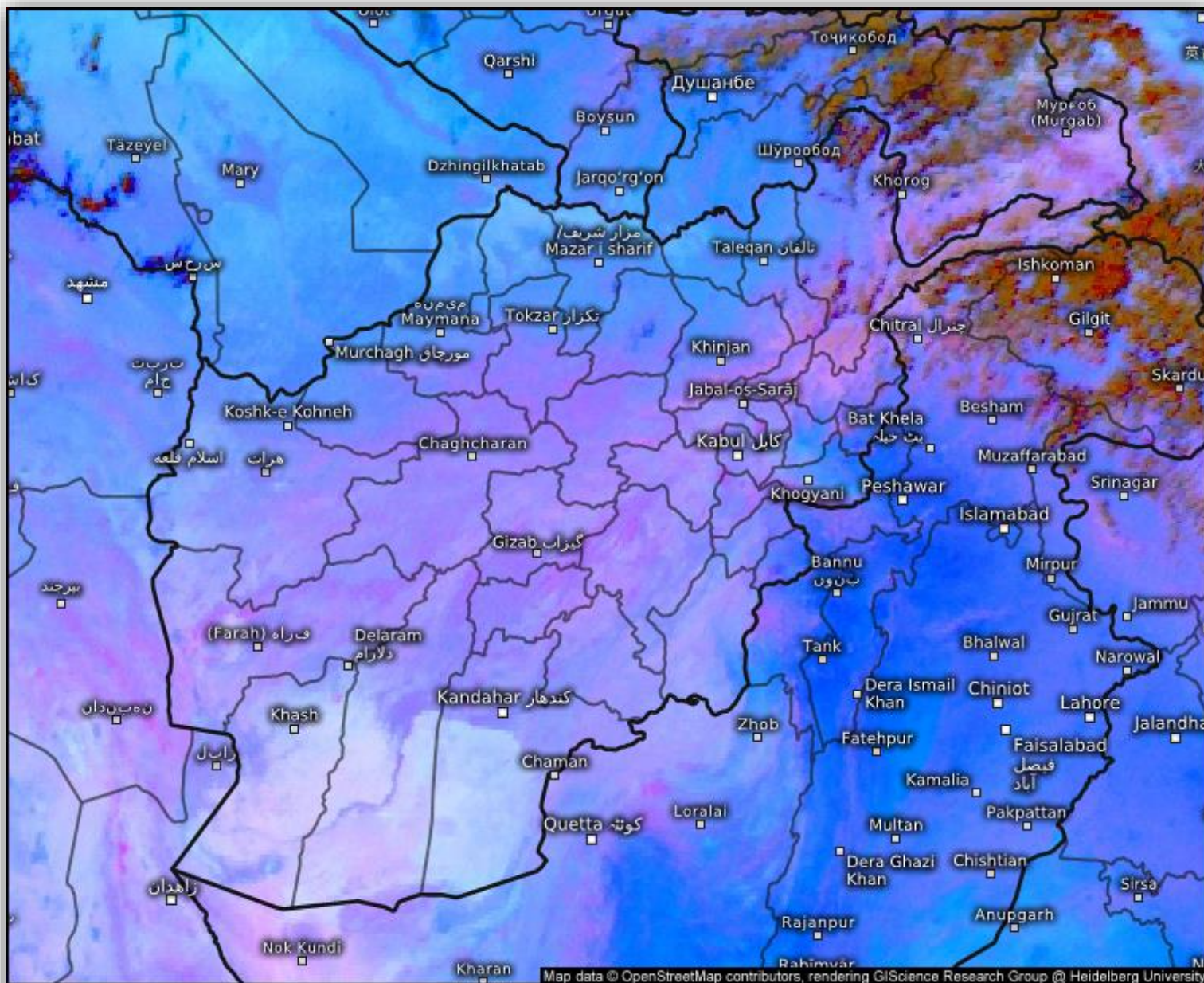
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-09-21 05:45(UTC)





Satellite Dust

Mon 09/21/2026, 10:15am GMT+0430

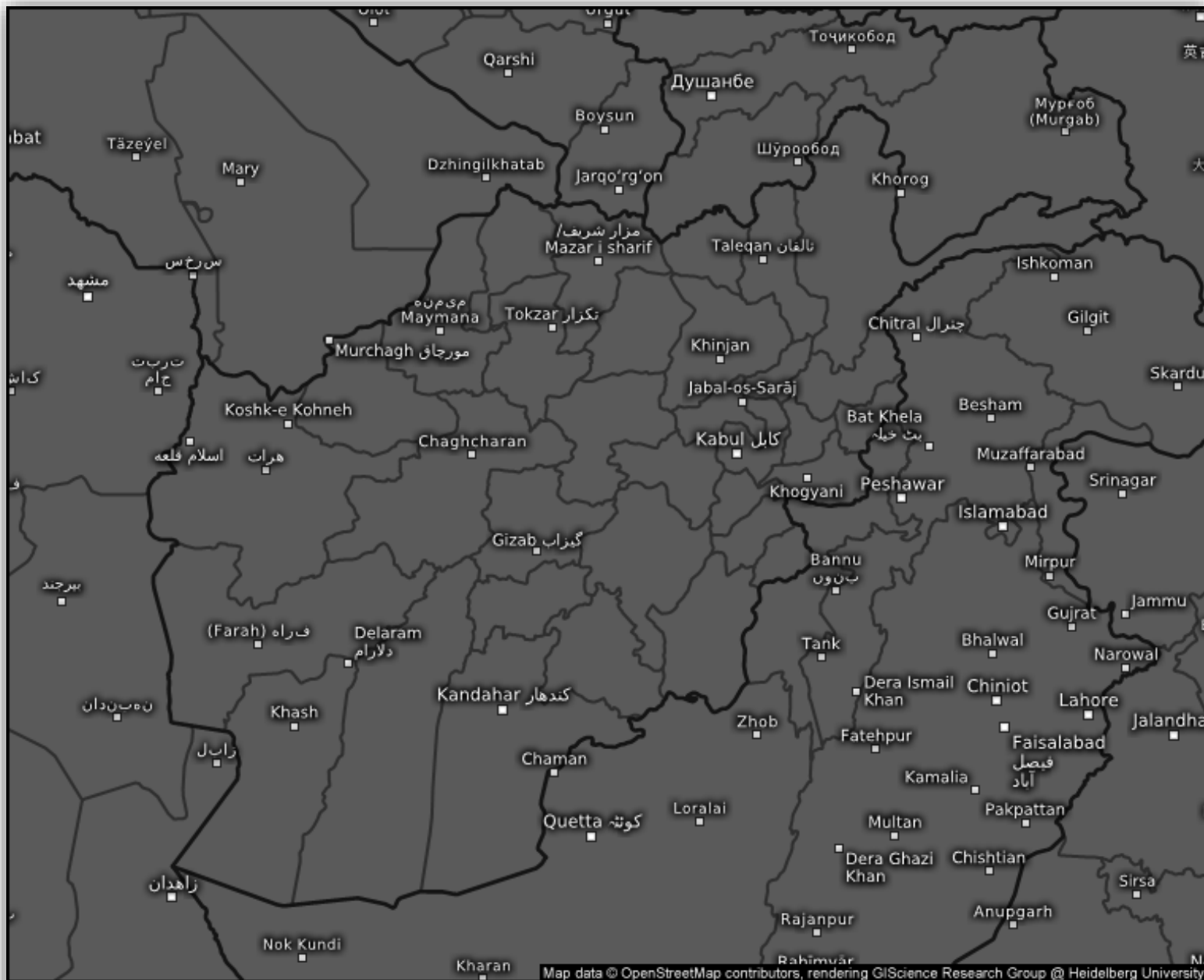
© Kachelmann GmbH - Download for private use only!

Sharing: Please get the pic's permalink from share button top right

Afghanistan

 **meteologix**

Satellite data: EUMETSAT



Age of lightning (minutes)

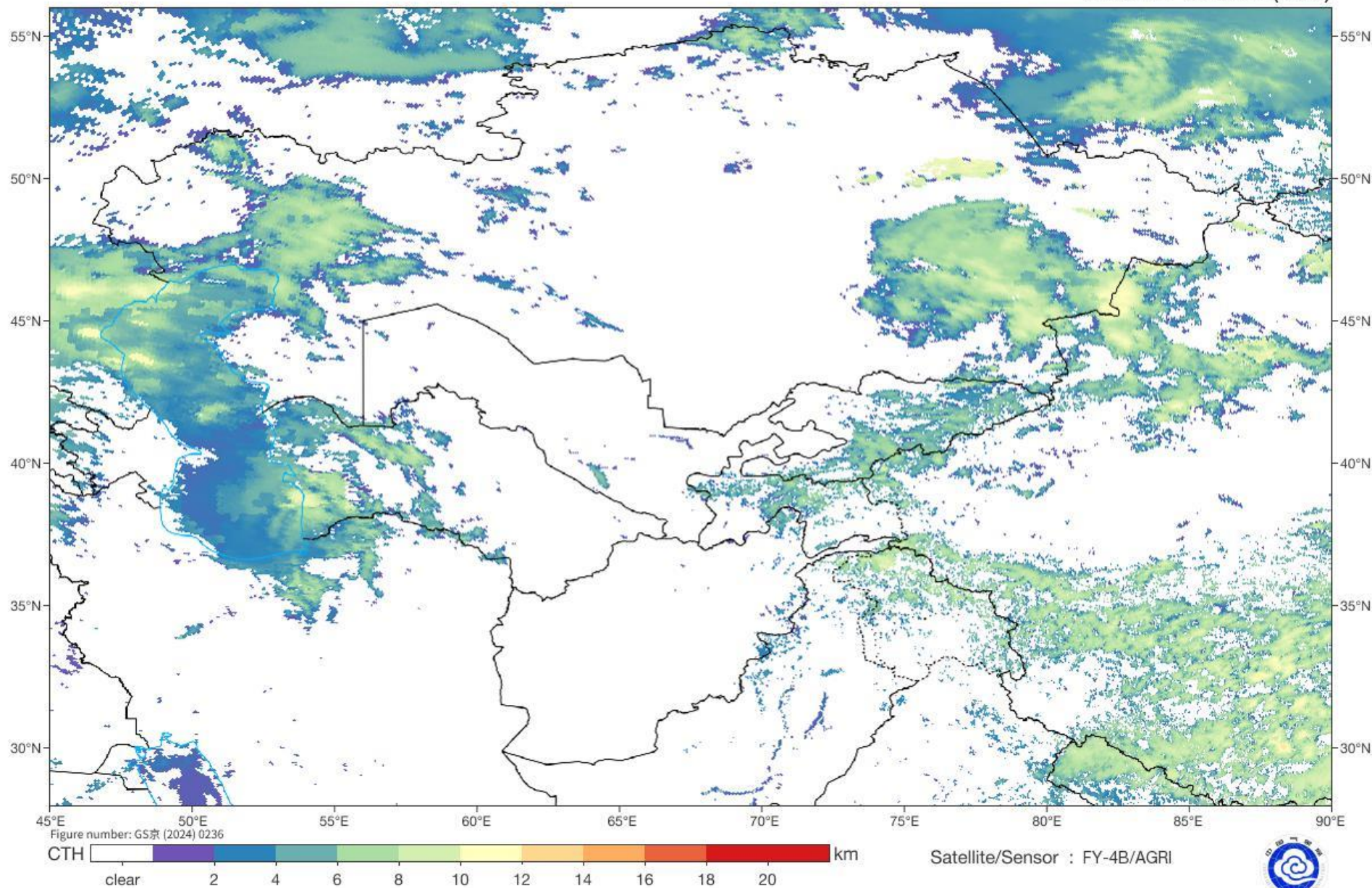
Mon 09/21/2026, 10:30am GMT+0430



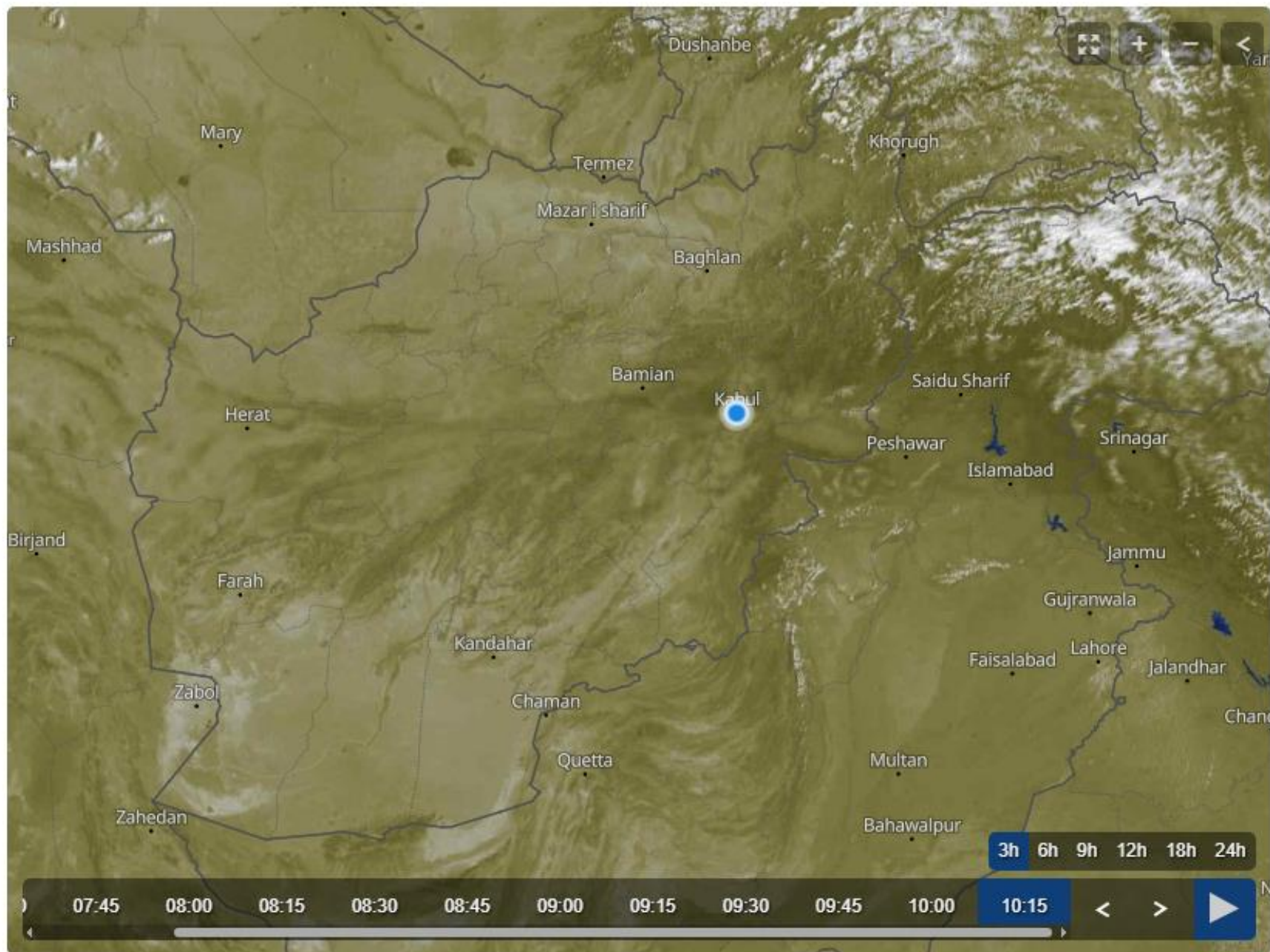
Afghanistan

Cloud Top Height

2026-09-21 05:45(UTC)



Live satellite map, Afghanistan



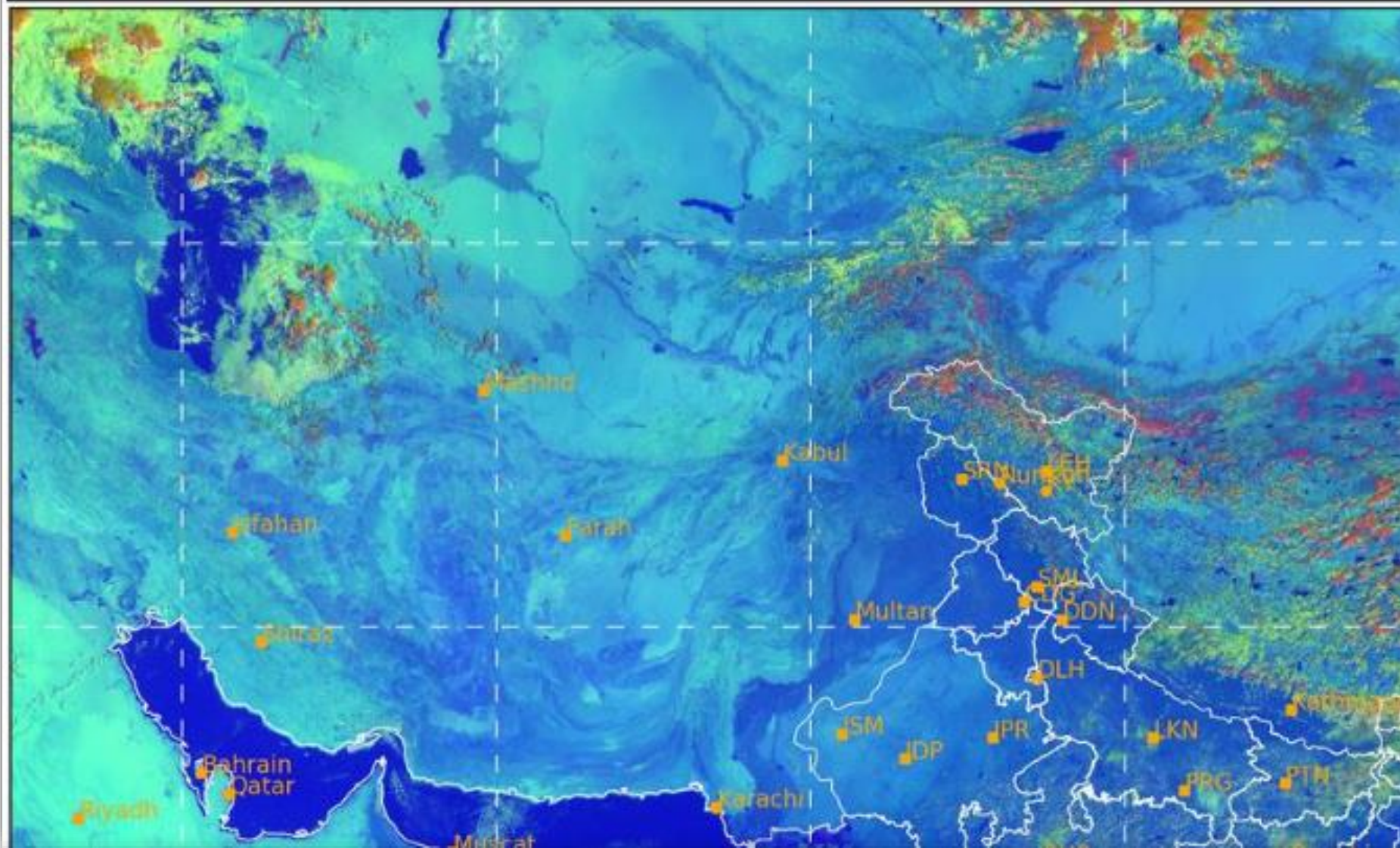
SAT : INSAT-3DR IMG

21-09-2026/(0445 to 0512) GMT

Day Microphysics: VIS_REFL (R), SWIR_REFL (G), TIR1_BT (B)

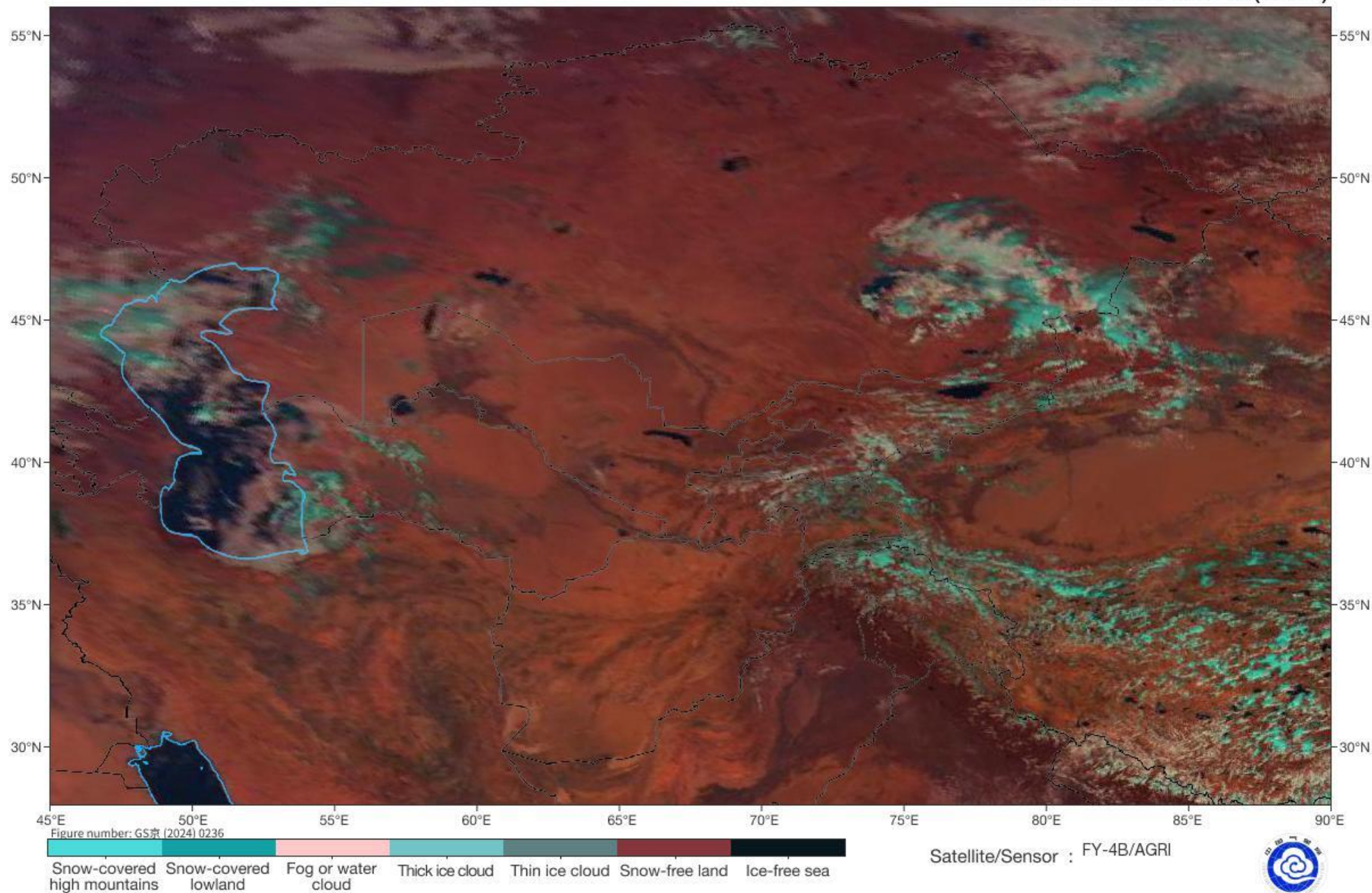
L1C Mercator

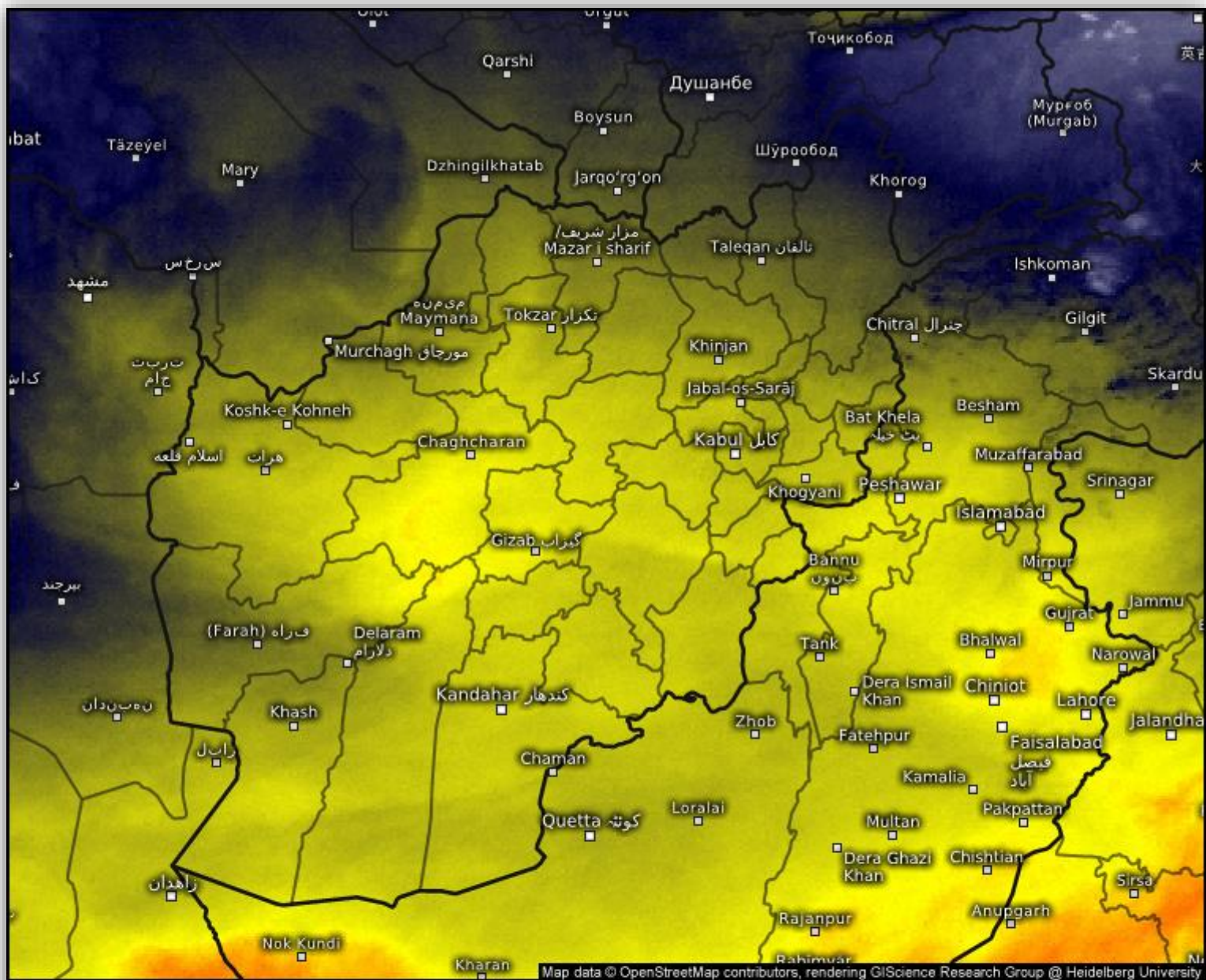
21-09-2026/(1015 to 1042) IST



Fog Identification

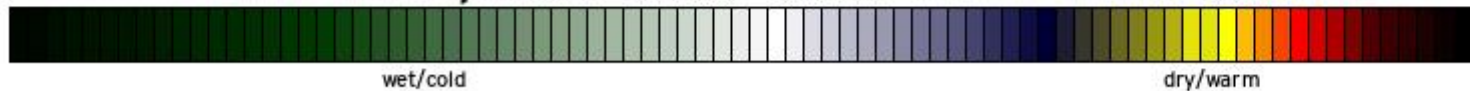
2026-09-21 05:45(UTC)





Satellite Water Vapor

Mon 09/21/2026, 10:15am GMT+0430



© Kachelmann GmbH - Download for private use only!

Sharing: Please get the pic's permalink from share button top right

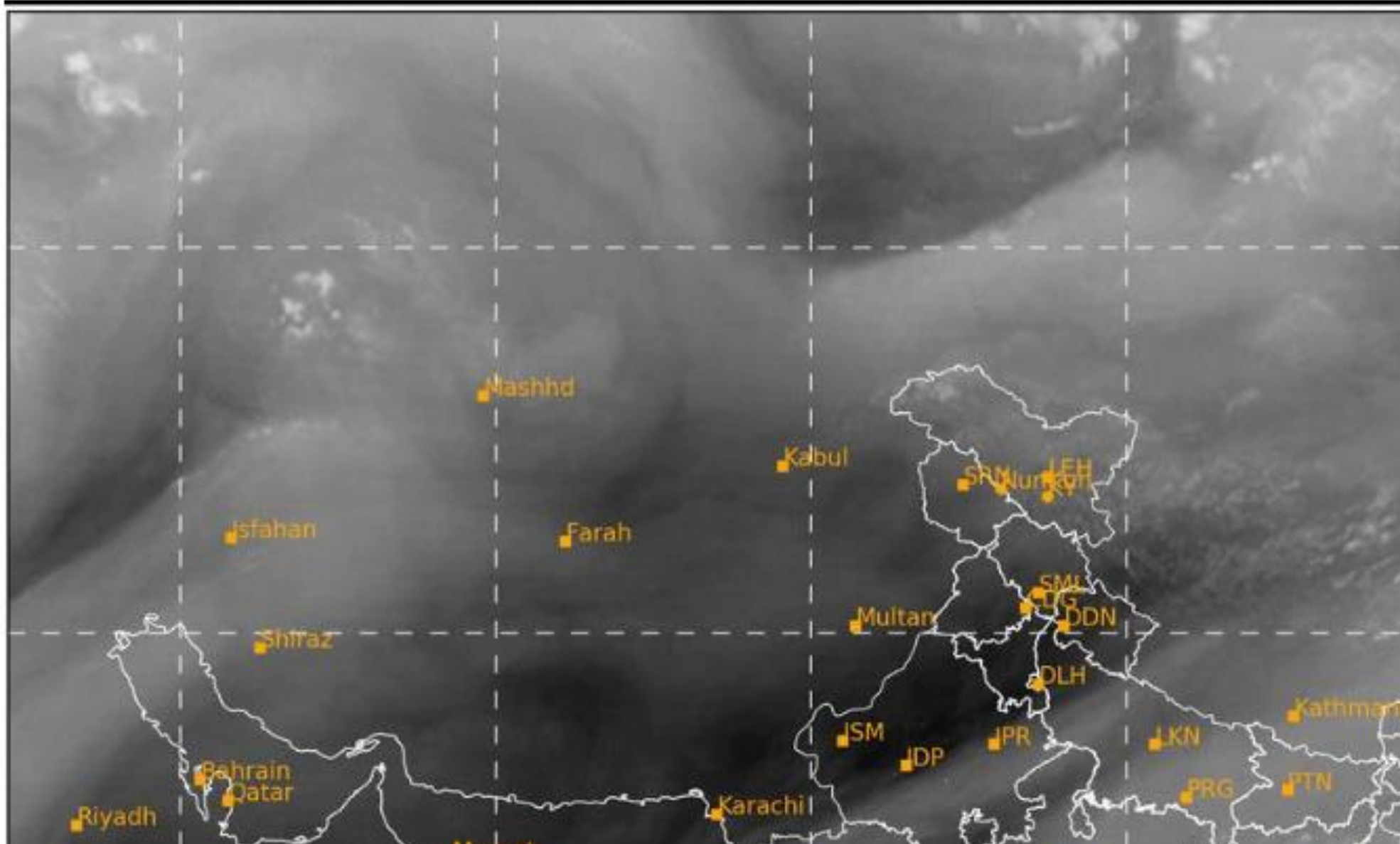
Afghanistan

meteologix

Satellite data: EUMETSAT

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

21-09-2026/(0445 to 0512) GMT
21-09-2026/(1015 to 1042) IST



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

21-09-2026/(0445 to 0512) GMT
21-09-2026/(1015 to 1042) IST

