



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



Daily reports of Satellite imagery analysis. Date & Time: 13-09-2026, 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	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 northern, southern, western, eastern, central, northeastern, southeastern, northwestern and southwestern areas have warm air mass. the southern, western, central northeastern, southeastern, northwestern and southwestern areas have weak dust. The northern, western, eastern, central, northeastern, southeastern and northwestern areas have weak water vapor the southern, and southwestern areas are dry.

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

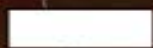
Reported by: Mohammad Jawed Moradi

Legend:

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

UTC: 2026-09-13 05:45

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



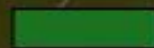
Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

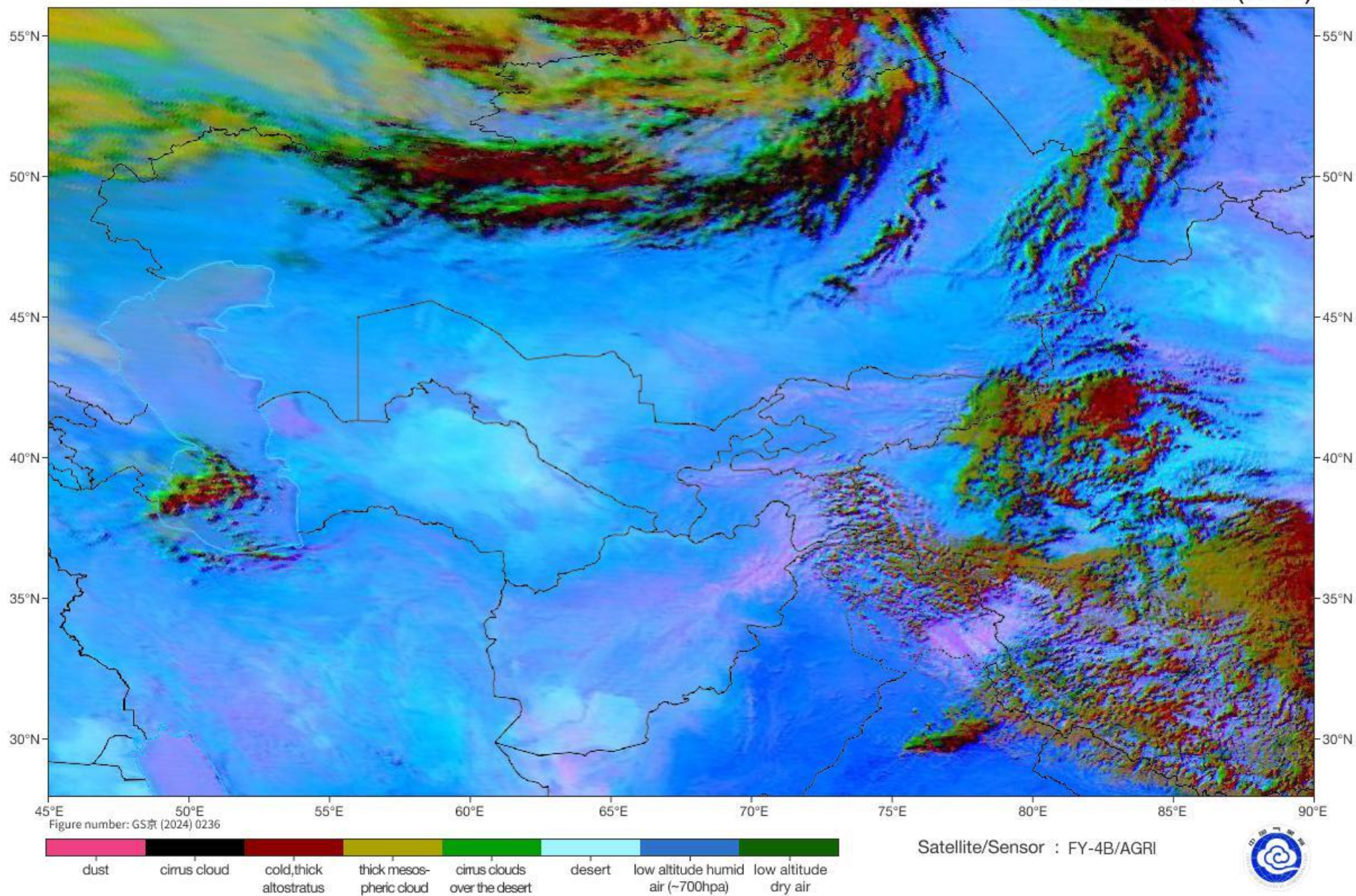
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

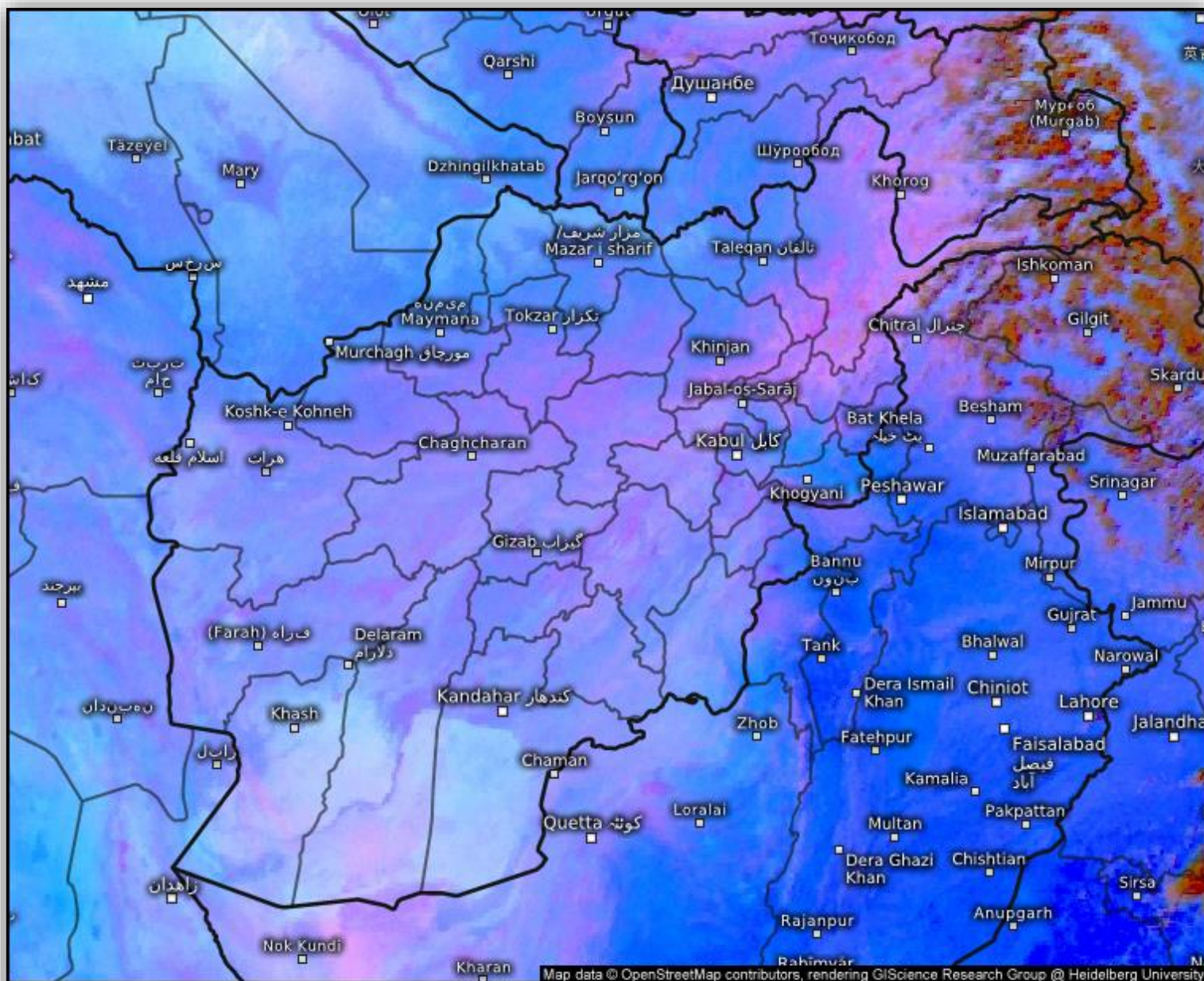
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-09-13 05:45(UTC)





Satellite Dust

Sun 09/13/2026, 10:15am GMT+0430

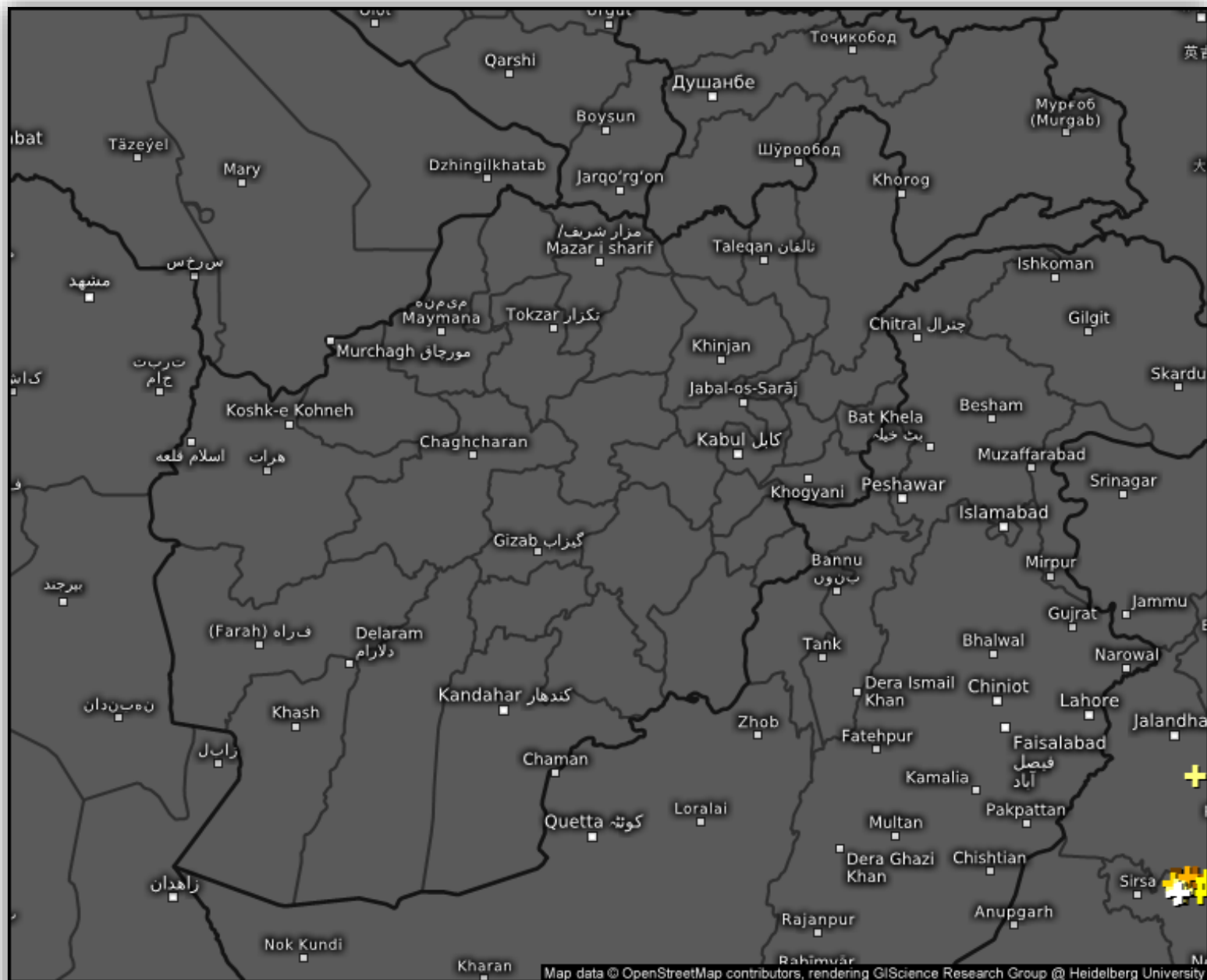
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Afghanistan

 **meteologix**

Satellite data: EUMETSAT



Age of lightning (minutes)

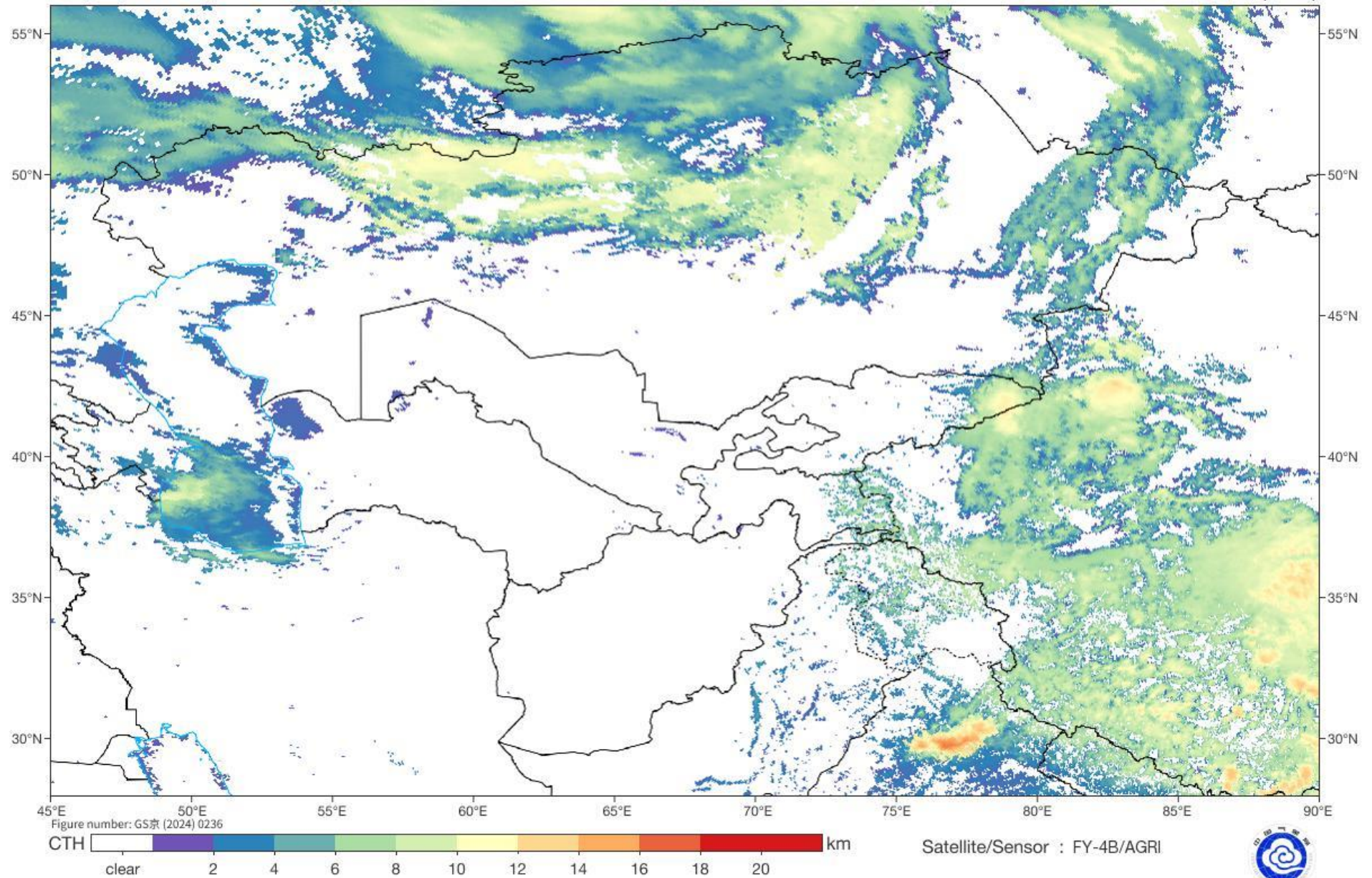
Sun 09/13/2026, 10:30am GMT+0430



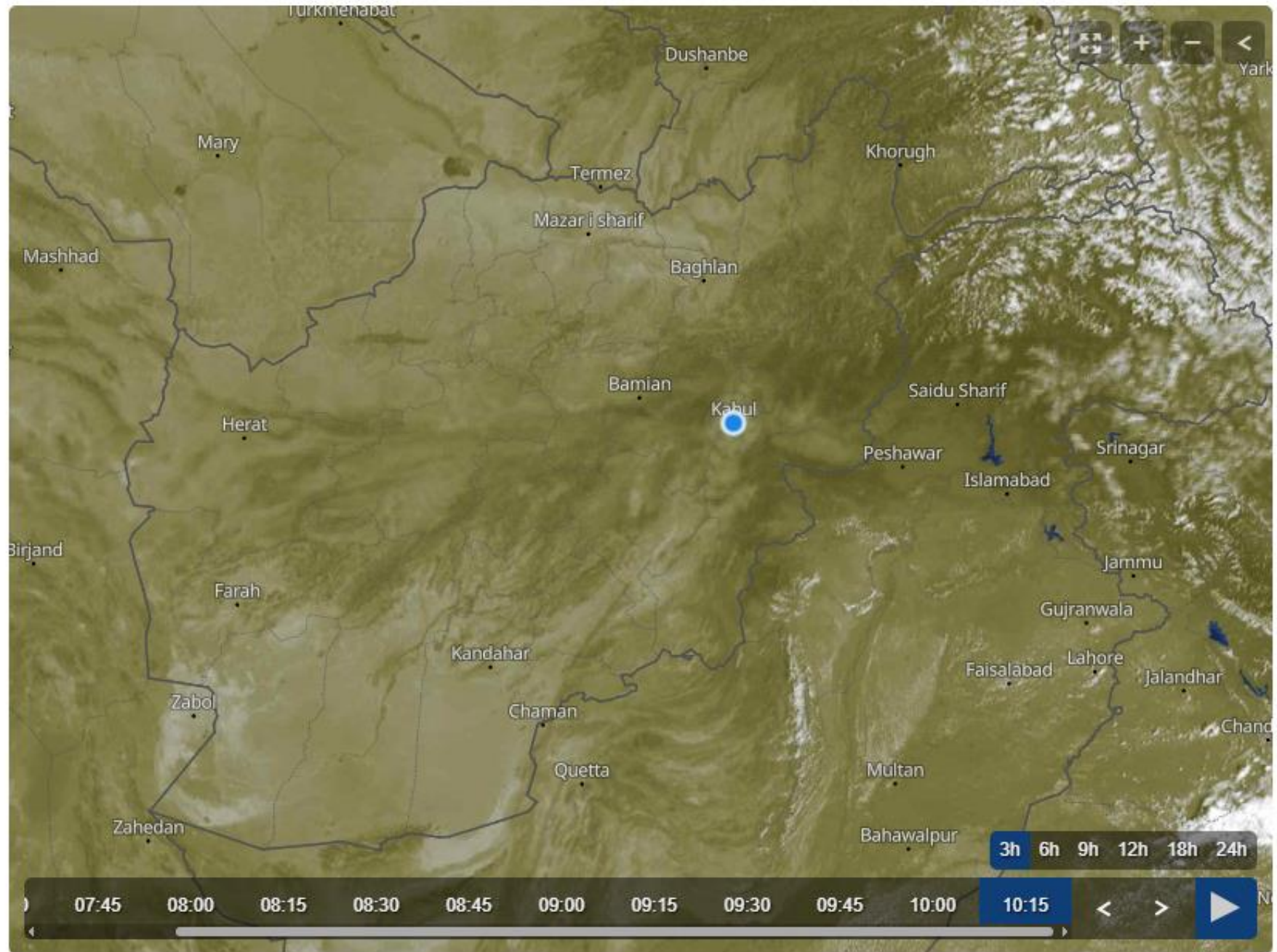
Afghanistan

Cloud Top Height

2026-09-13 05:45(UTC)



Live satellite map, Afghanistan



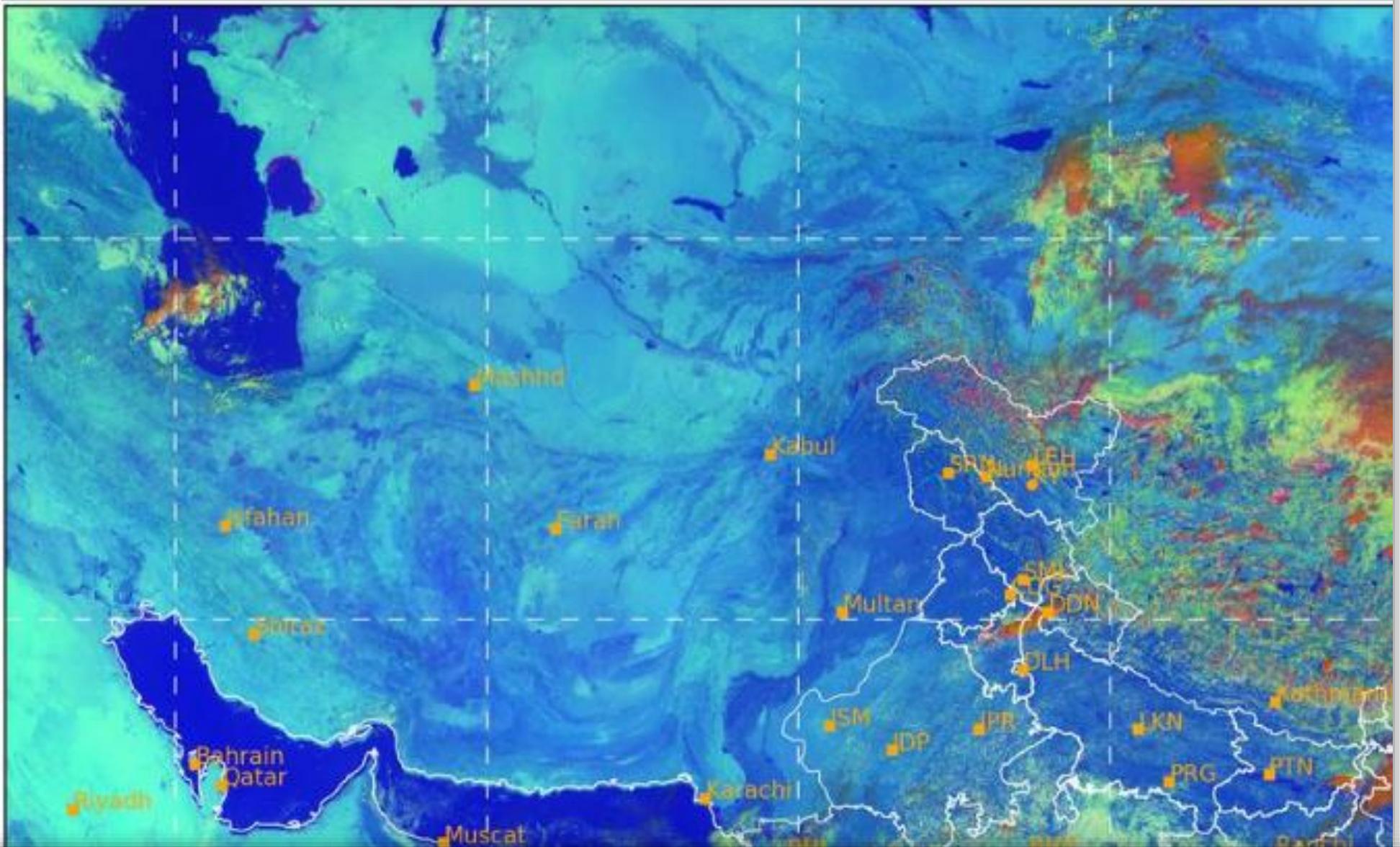
SAT : INSAT-3DR IMG

13-09-2026/(0445 to 0512) GMT

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

L1C Mercator

13-09-2026/(1015 to 1042) IST



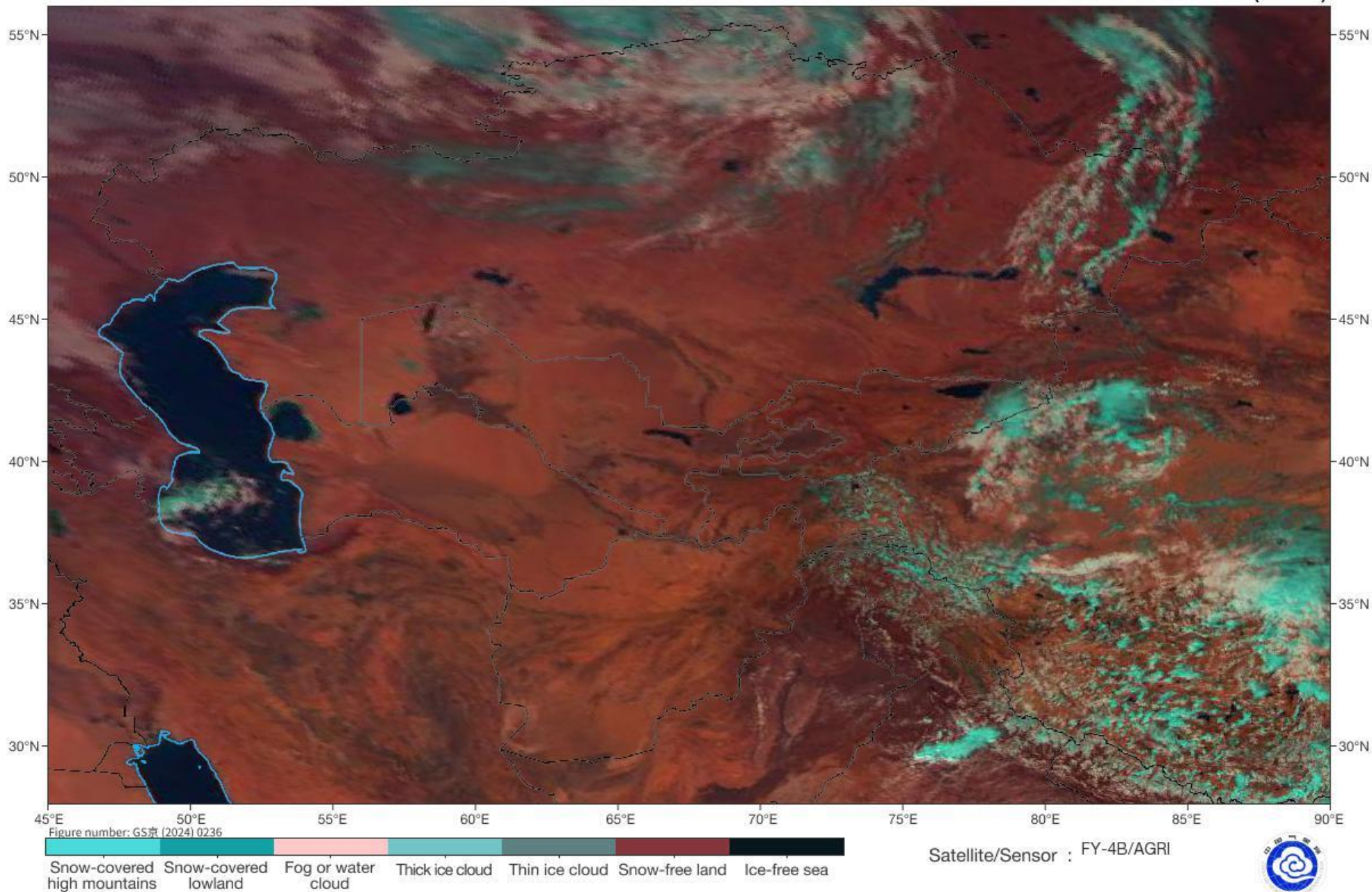
0 100% 0 60% 203 323K

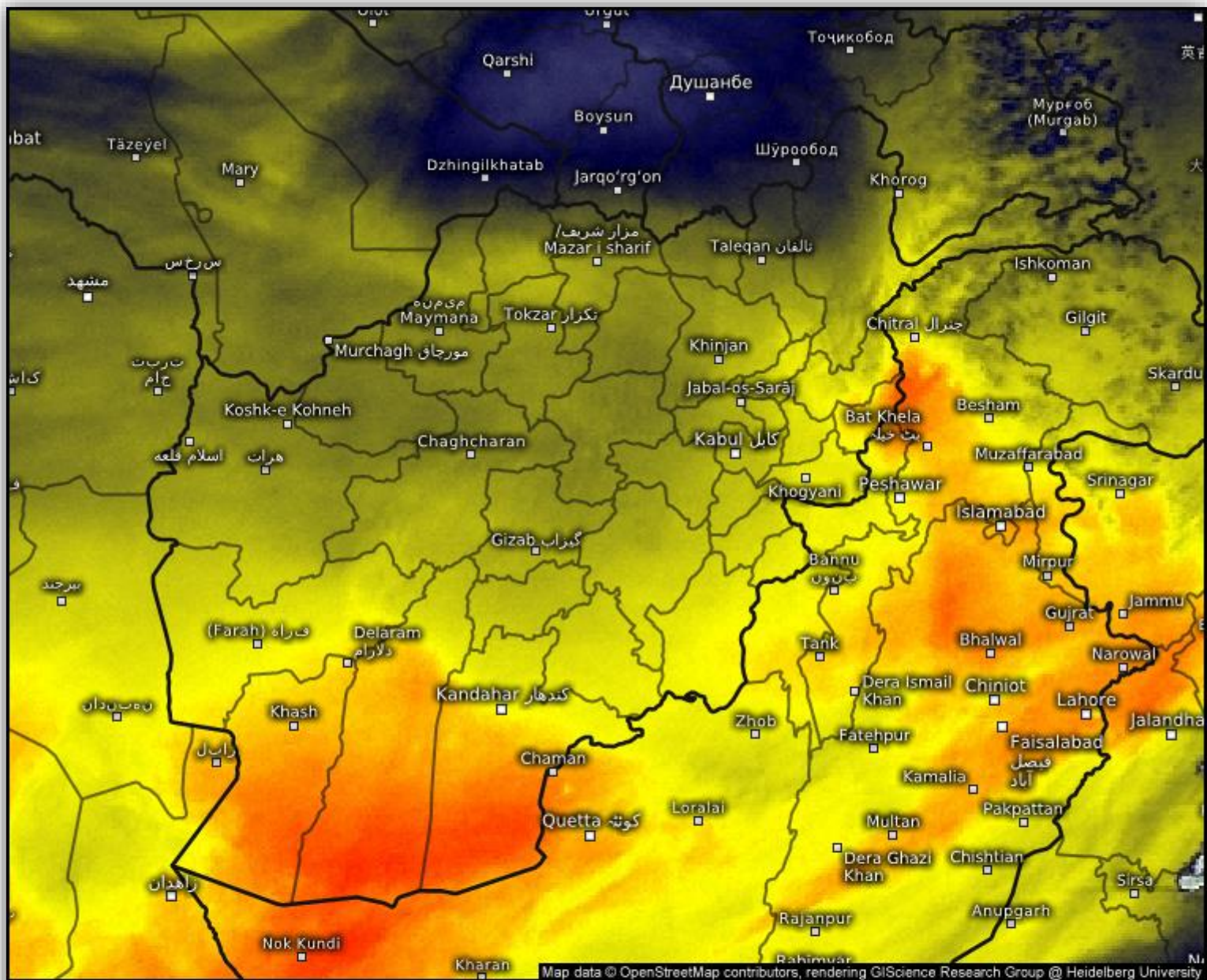


Fog Low Clouds Mid Orographic Cloud CB Snow Dust

Fog Identification

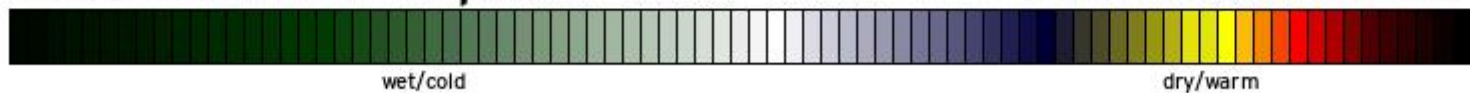
2026-09-13 05:45(UTC)





Satellite Water Vapor

Sun 09/13/2026, 10:15am GMT+0430



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Satellite data: EUMETSAT

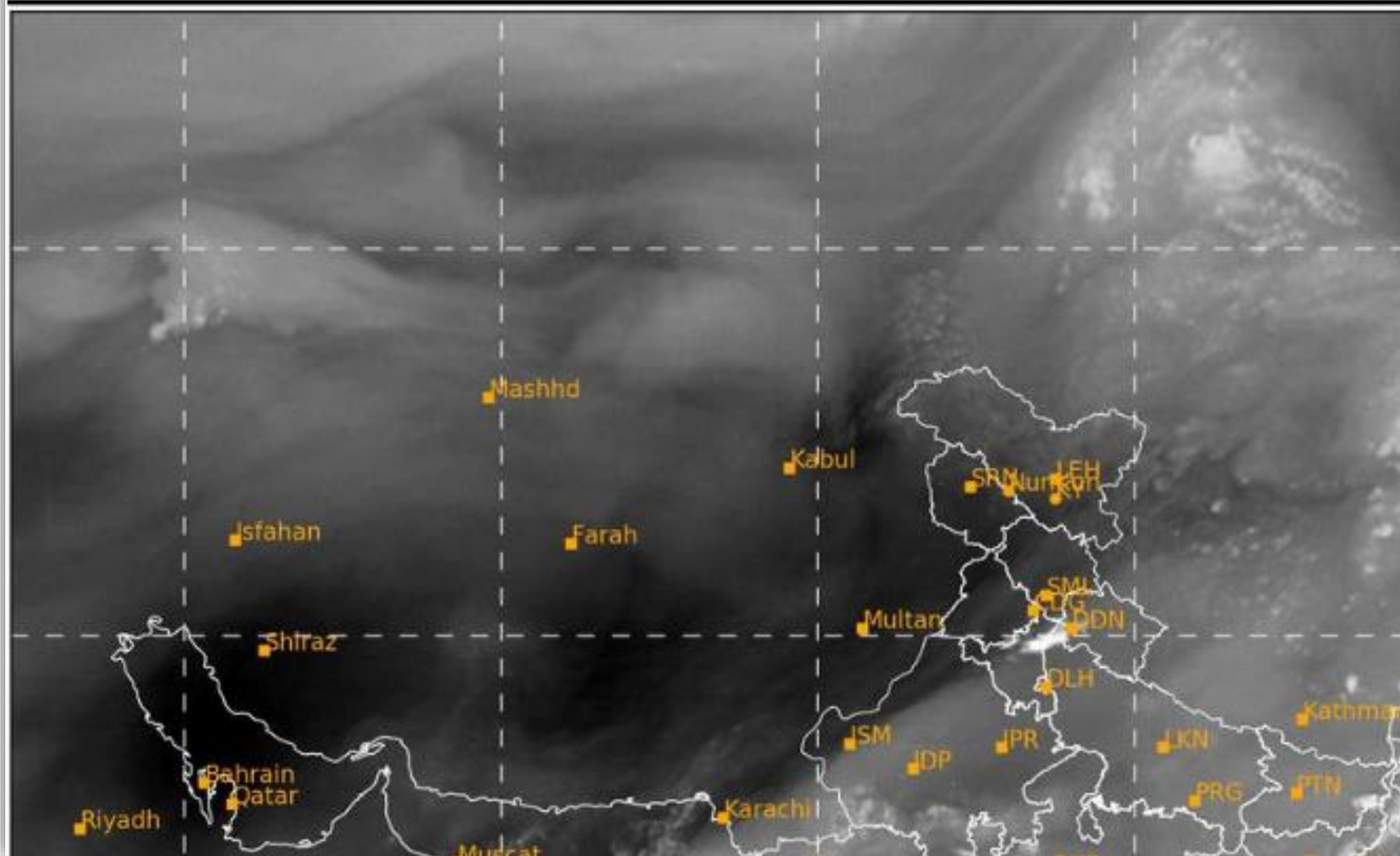
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

13-09-2026/(0445 to 0512) GMT

13-09-2026/(1015 to 1042) IST



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

13-09-2026/(0445 to 0512) GMT
13-09-2026/(1015 to 1042) IST

