



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, 11:00 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	
5	central	✓	✓	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 eastern and central areas have partly cloudy sky. 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 10:45

AirMass

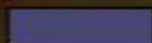


Thick,
high-level cloud



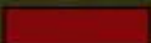
Thick,

mid-level cloud



Thick,

low-level cloud



Jet



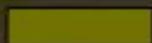
Cold Airmass

Warm Airmass



Warm Airmass

(high UTH)



Warm Airmass

(low UTH)

R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

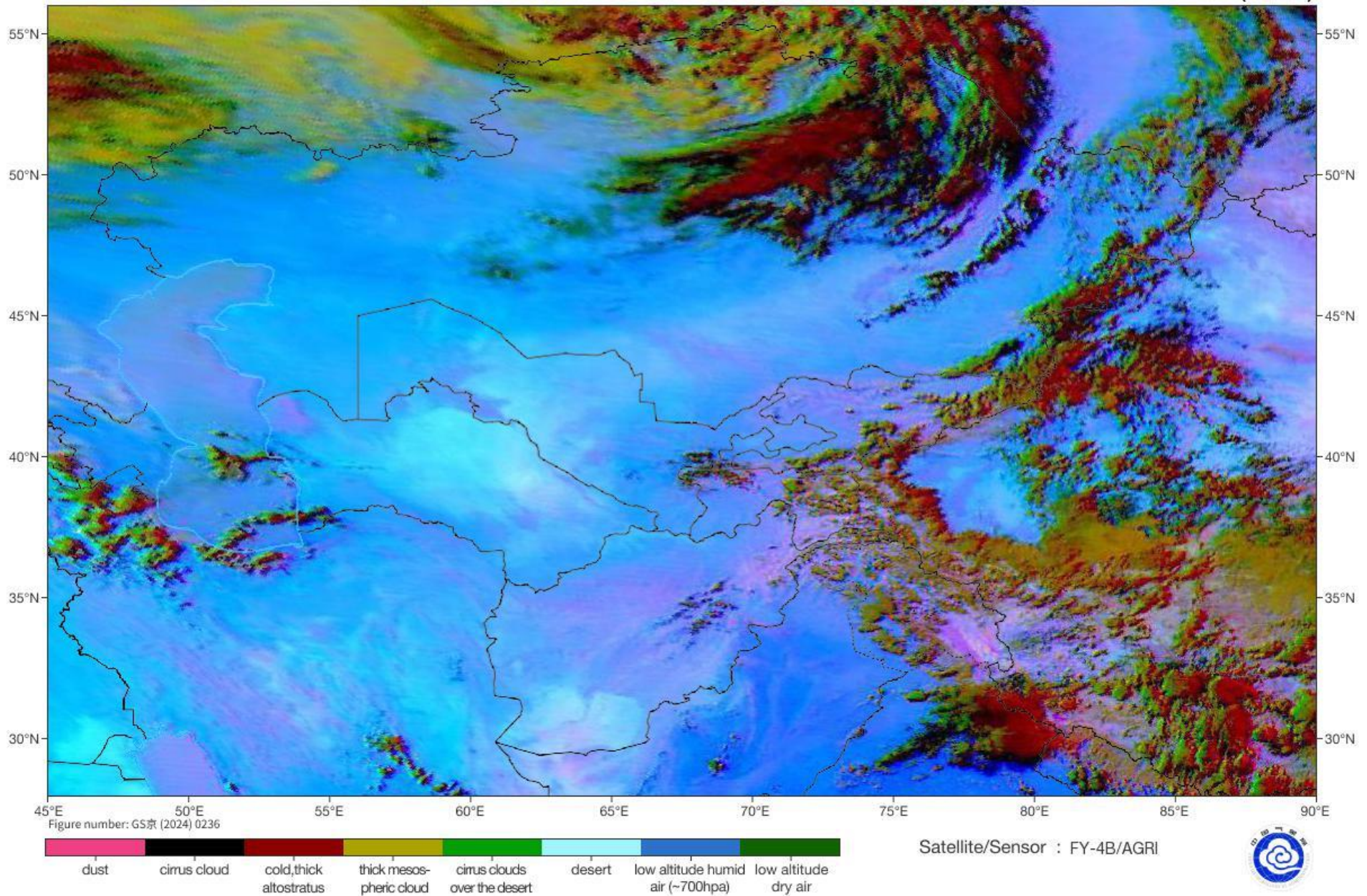
B = WV (6.25)

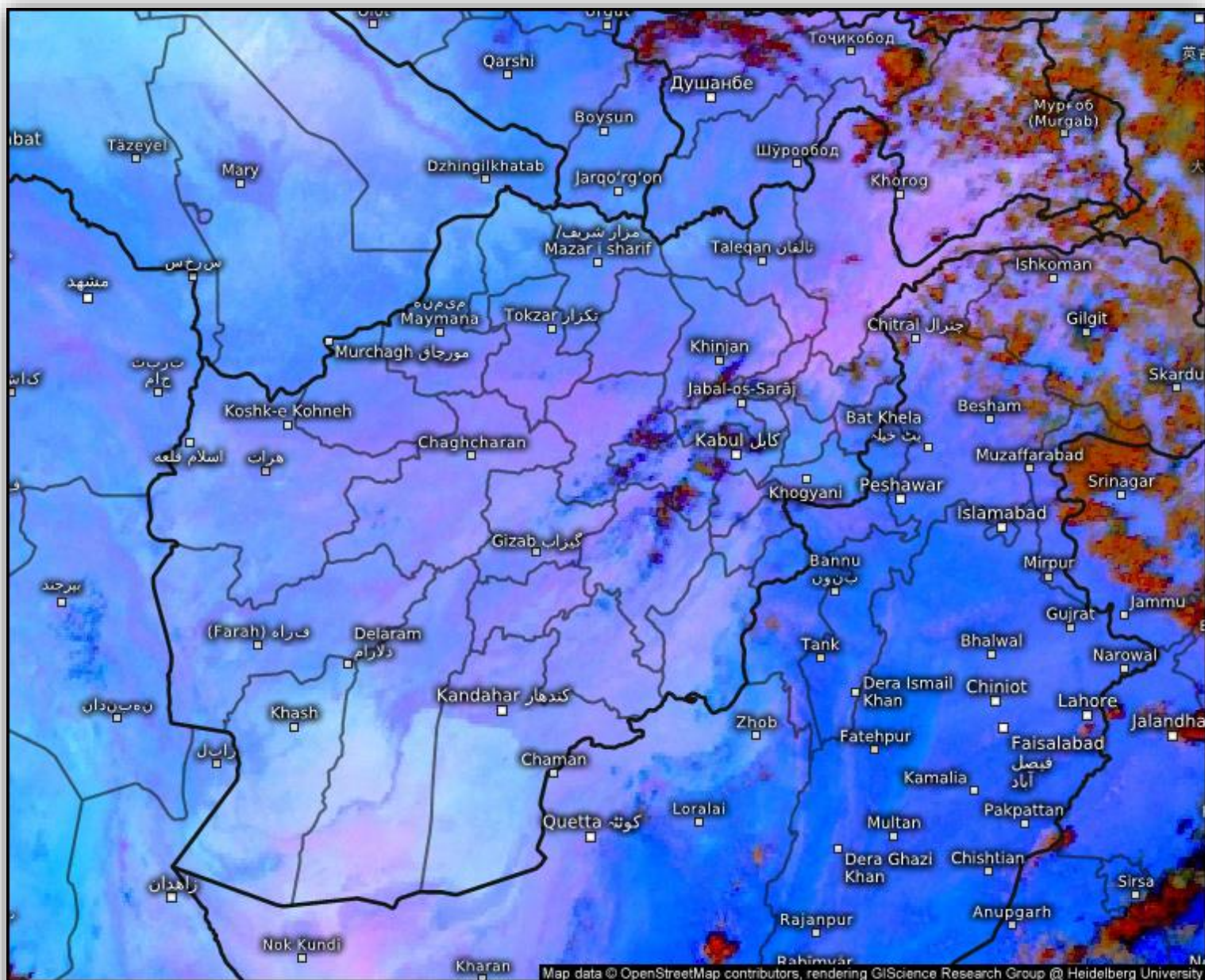
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-09-13 11:00(UTC)





Satellite Dust

Sun 09/13/2026, 03:15pm GMT+0430

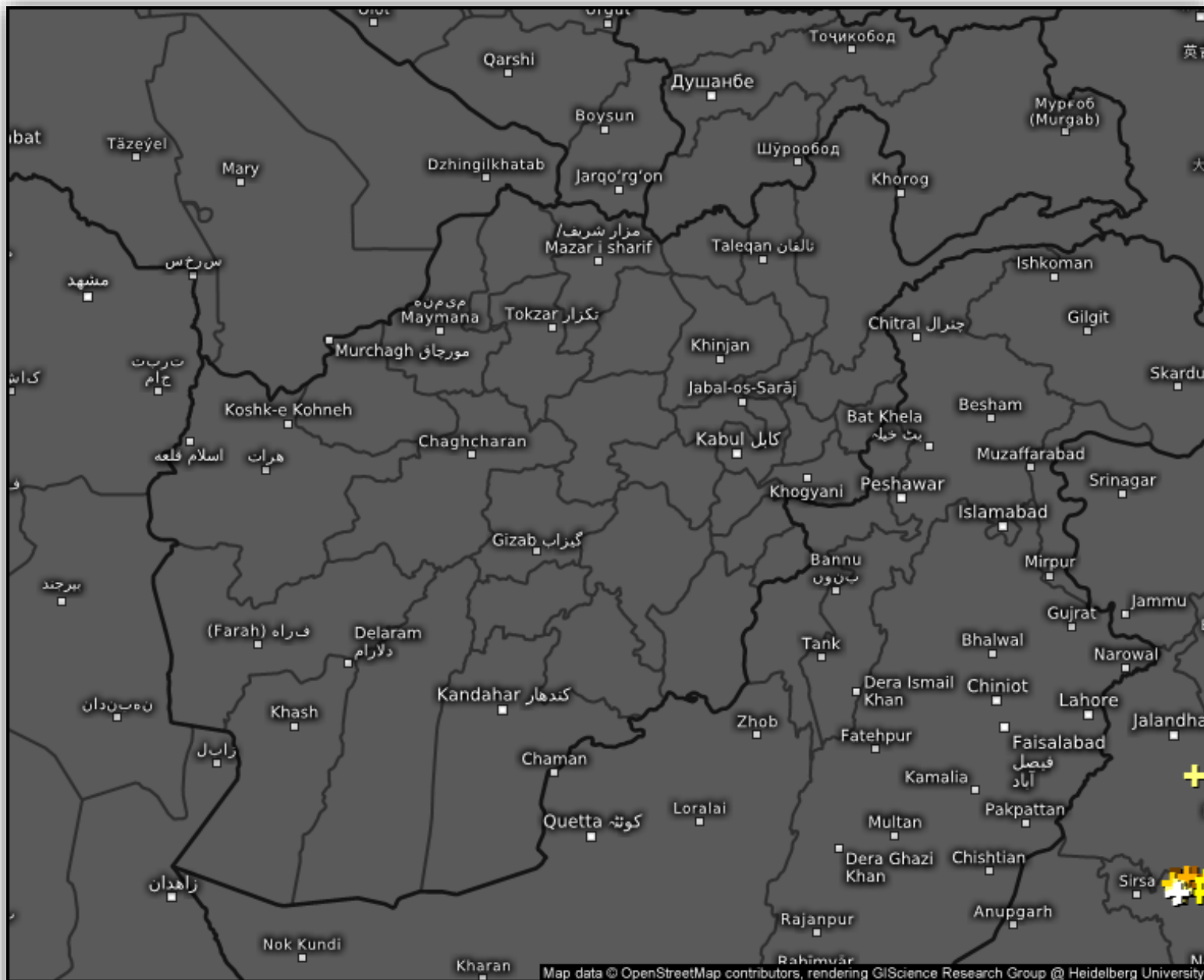
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Afghanistan

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Satellite data: EUMETSAT



Age of lightning (minutes)

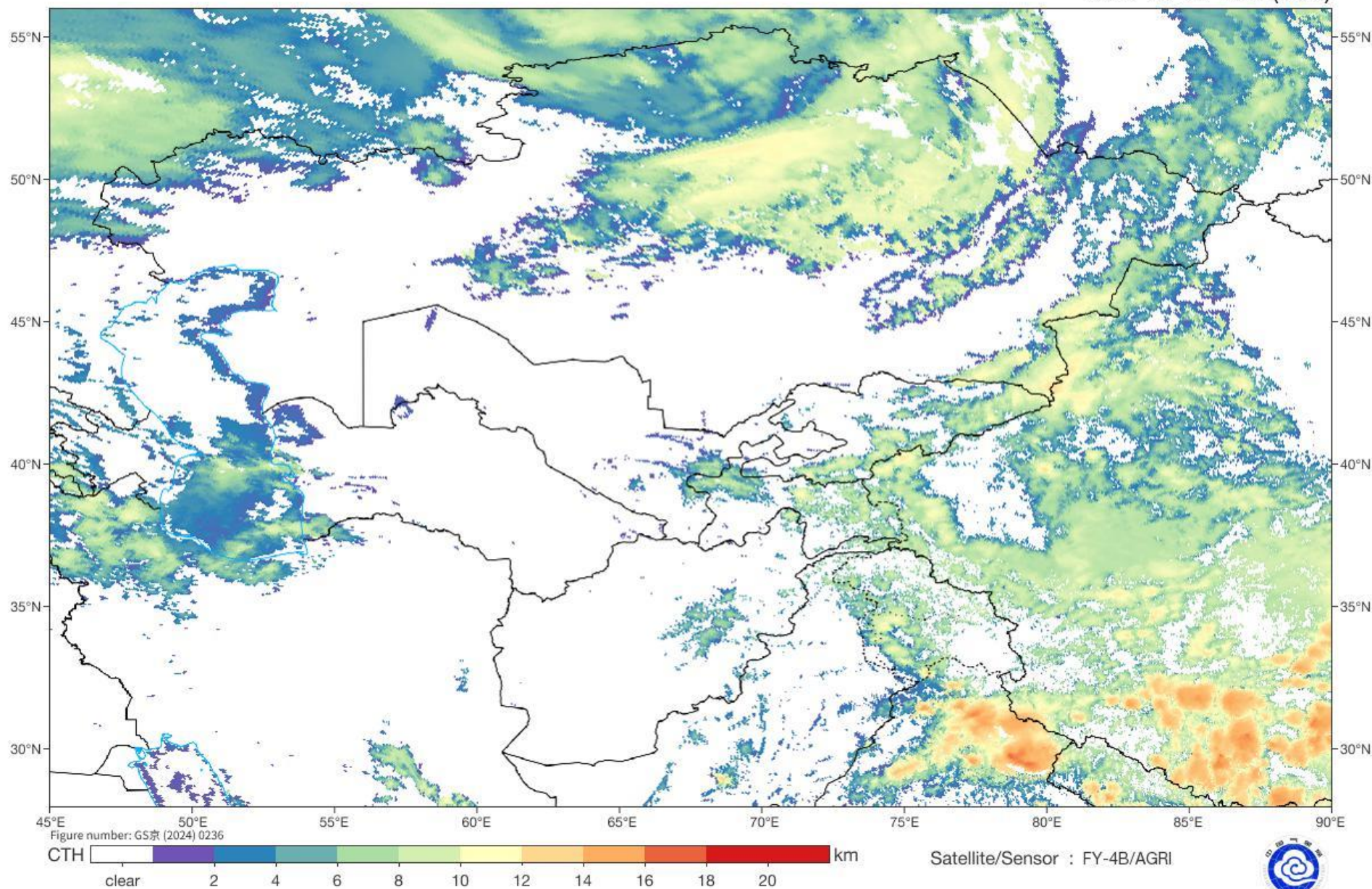
Sun 09/13/2026, 10:30am GMT+0430



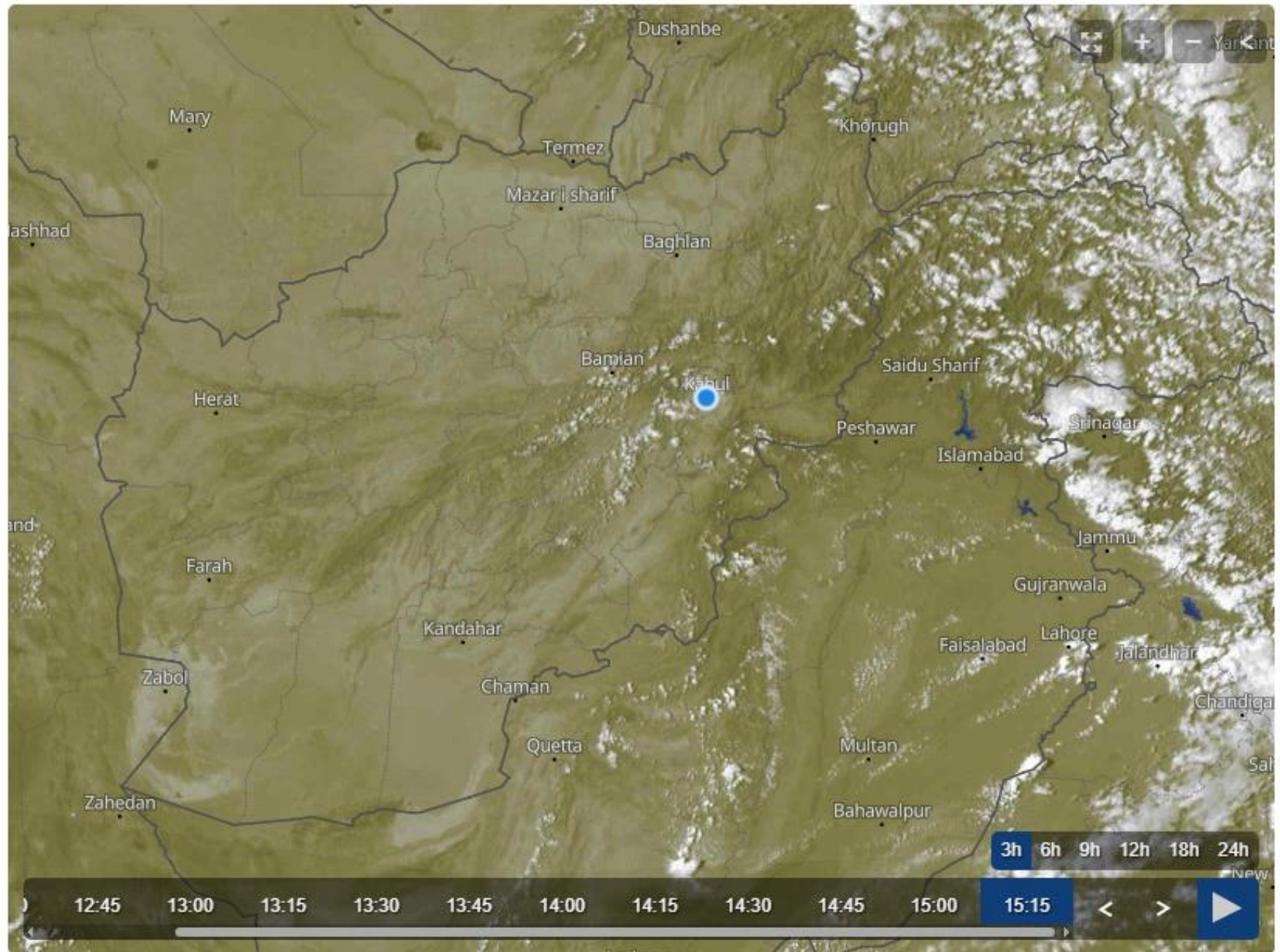
Afghanistan

Cloud Top Height

2026-09-13 10:45(UTC)



Live satellite map, Afghanistan



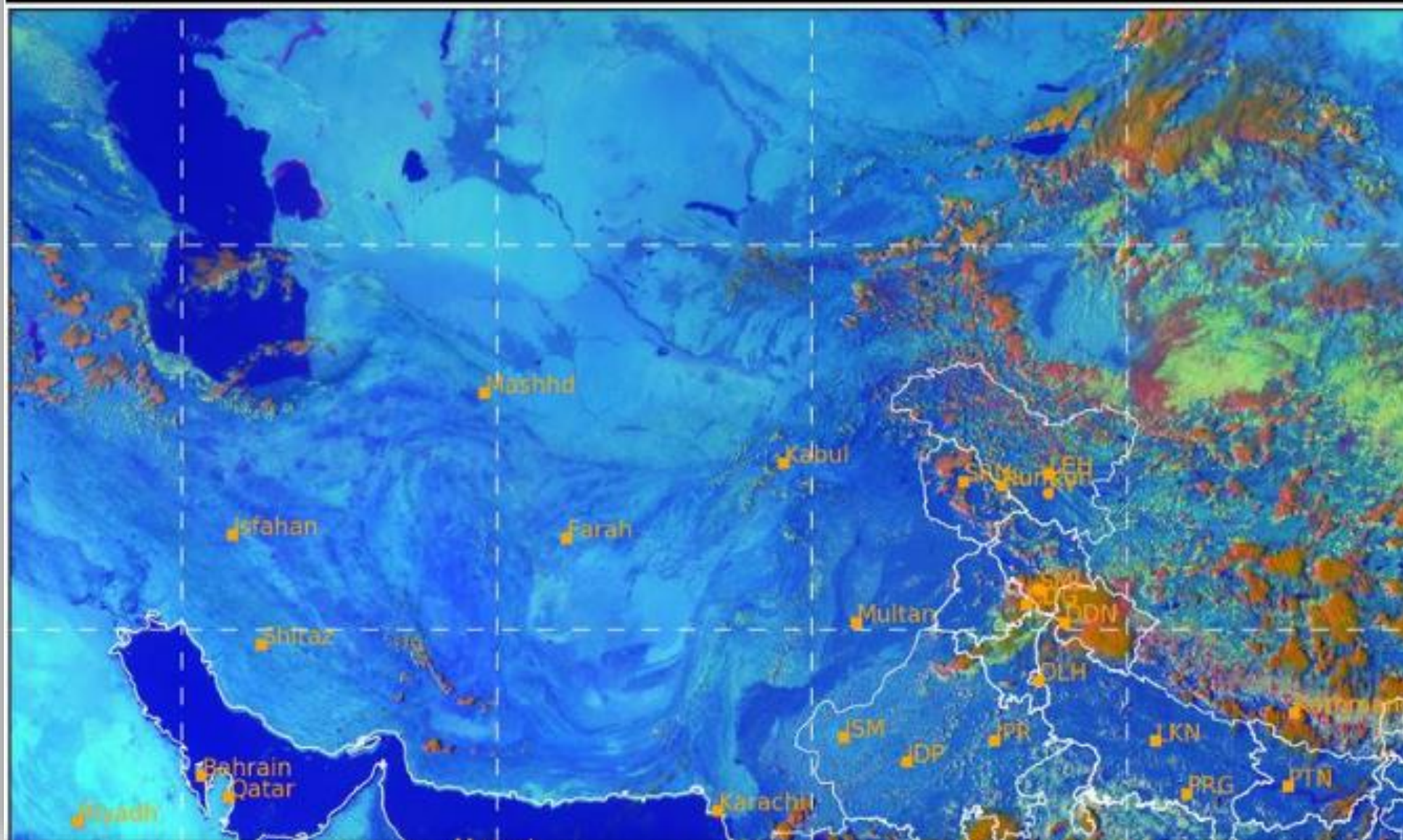
SAT : INSAT-3DR IMG

13-09-2026/(0945 to 1012) GMT

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

L1C Mercator

13-09-2026/(1515 to 1542) IST

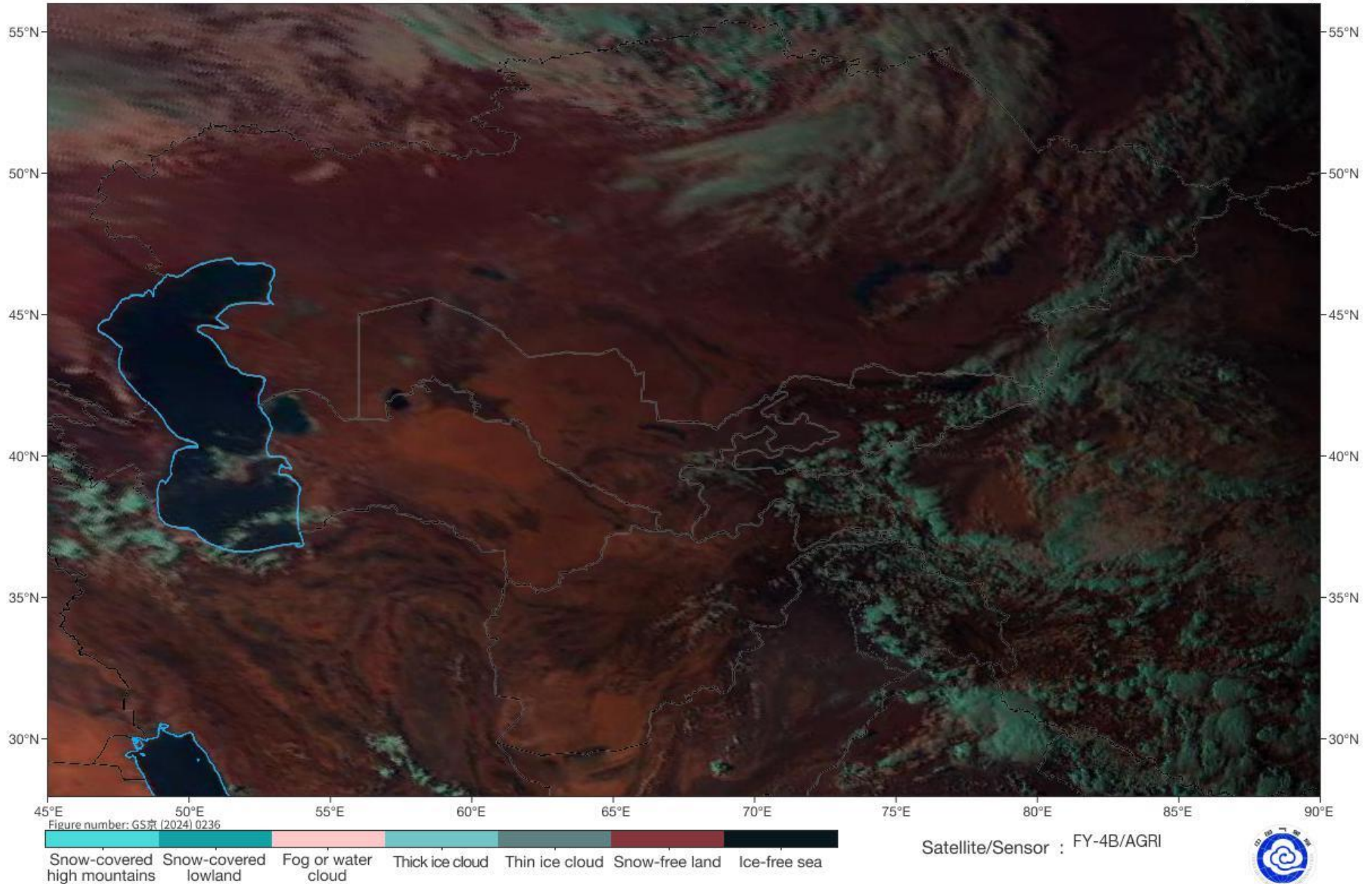


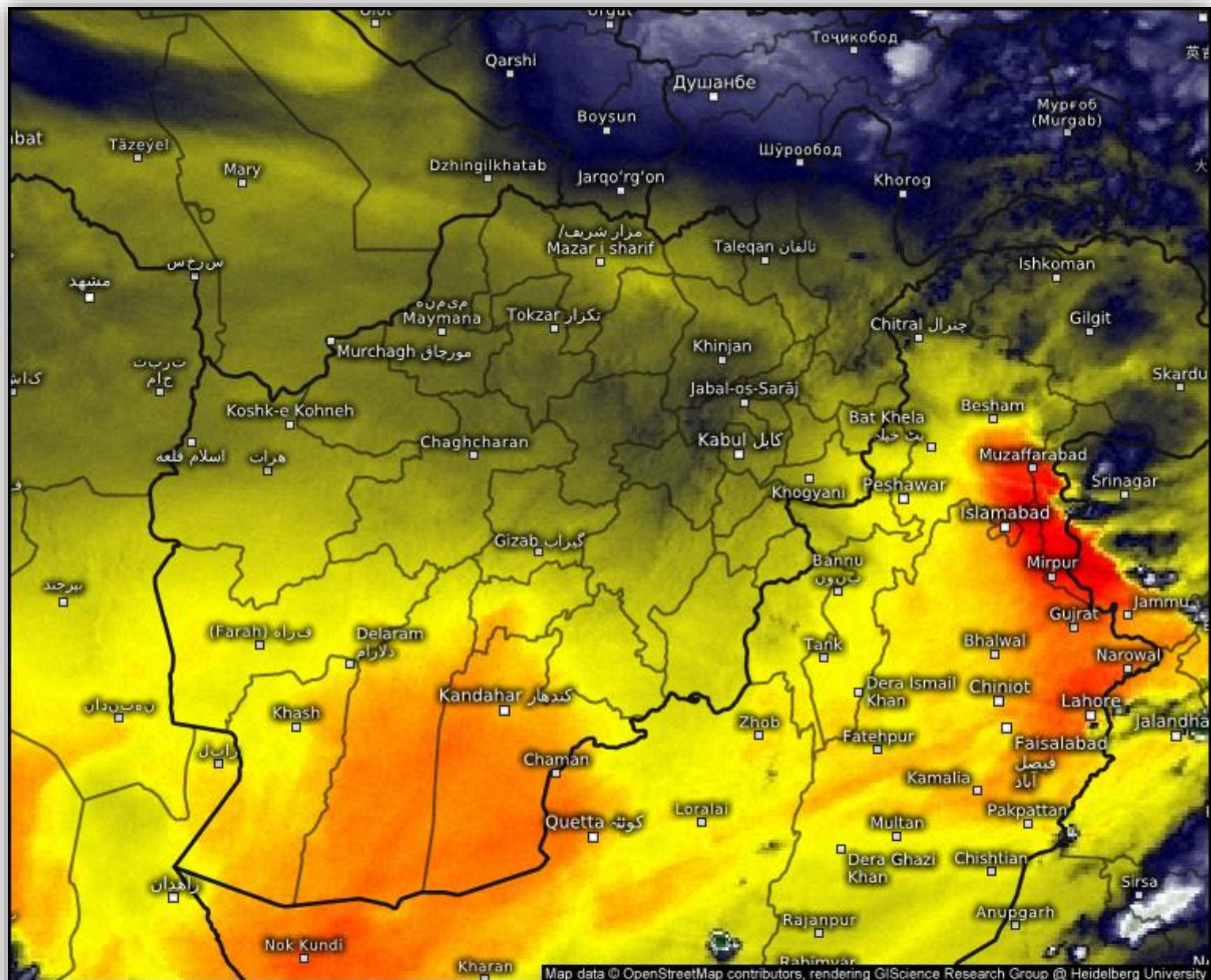
0 100% 0 60% 203 323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

Fog Identification

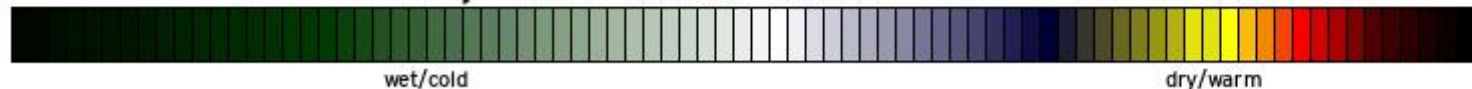
2026-09-13 11:00(UTC)





Satellite Water Vapor

Sun 09/13/2026, 03:15pm GMT+0430



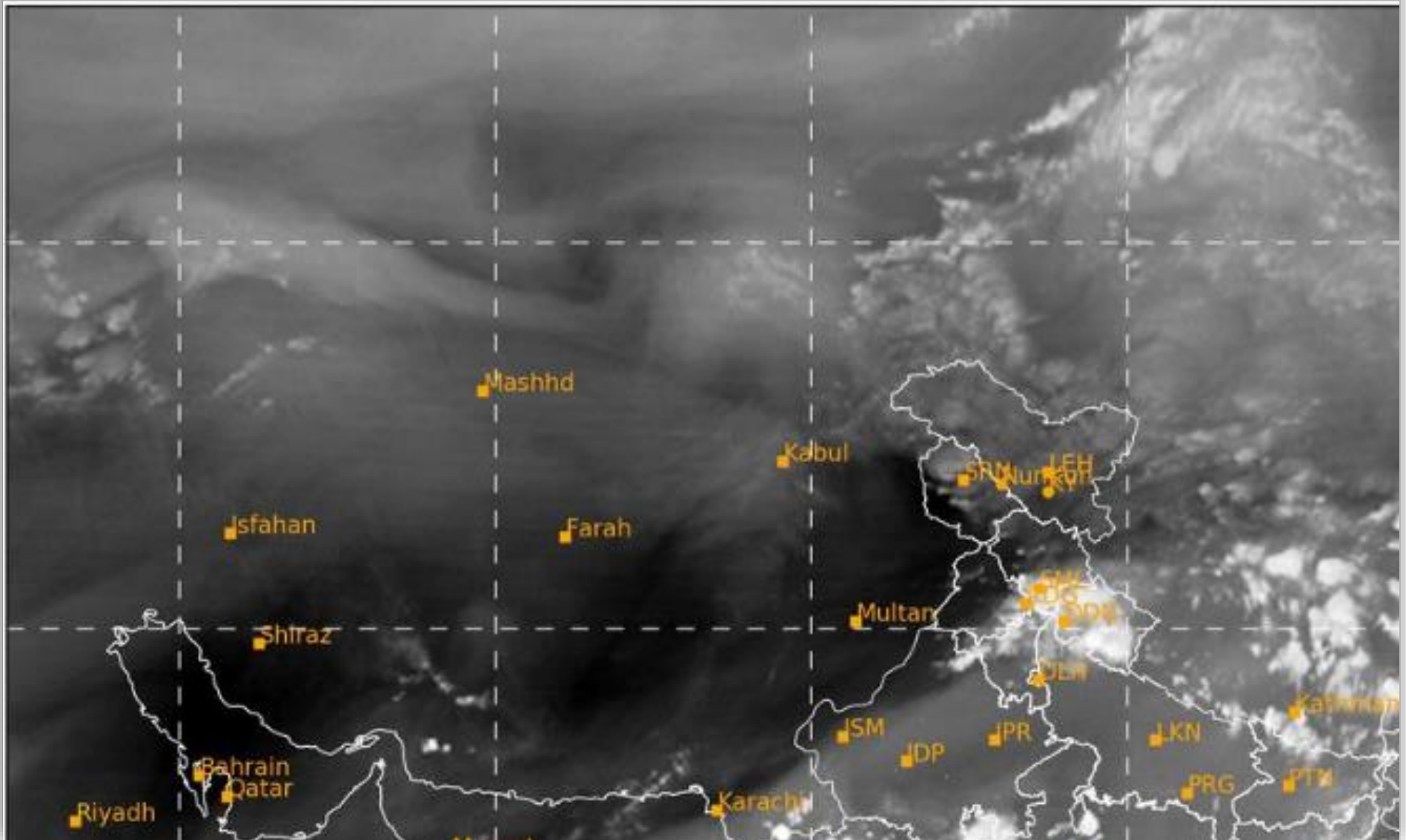
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Afghanistan

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Satellite data: EUMETSAT

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

13-09-2026/(0945 to 1012) GMT
13-09-2026/(1515 to 1542) IST



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

13-09-2026/(0945 to 1012) GMT
13-09-2026/(1515 to 1542) IST

