



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



Daily reports of Satellite imagery analysis. Date & Time: 30-09-2026, 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	X	
3	West	✓	X	X	✓	X	✓	X	X	
4	East	✓	X	X	X	X	✓	X	X	
5	central	✓	X	X	X	X	✓	X	X	
6	Northeast	✓	X	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	X	

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

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

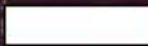
Reported by: Mohammad Jawed Moradi

Legend:

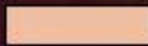
Dust	Water vapor	Air mass	Thunder storm	Cloud	Fog	Jet stream	Cyclone & Anticyclone
Weak Dust	Dust storm	Weak	Dry	Moderate	Warm	Cold	

UTC: 2026-09-30 06:00

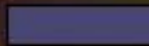
AirMass



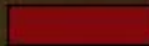
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



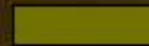
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

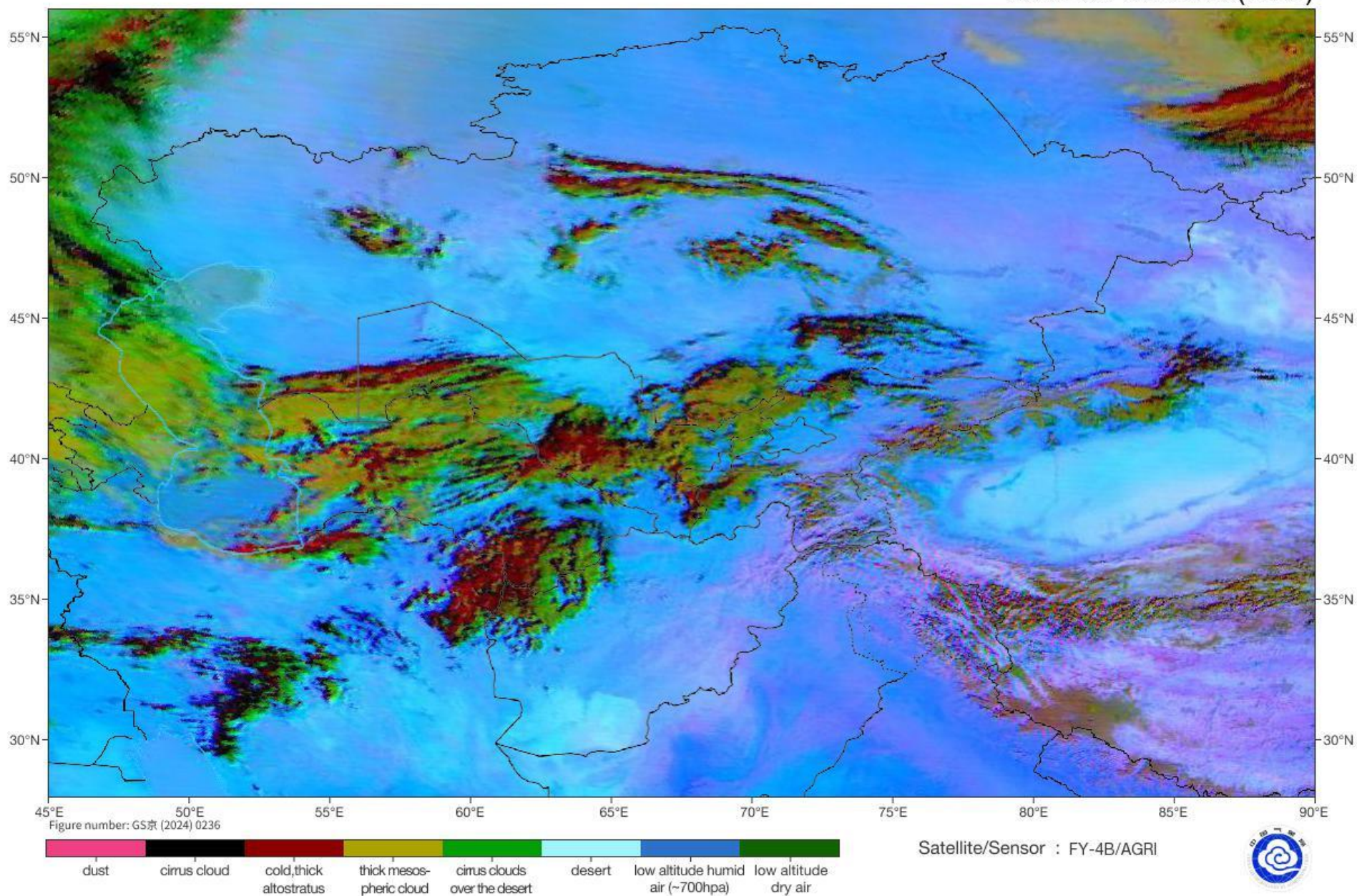
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

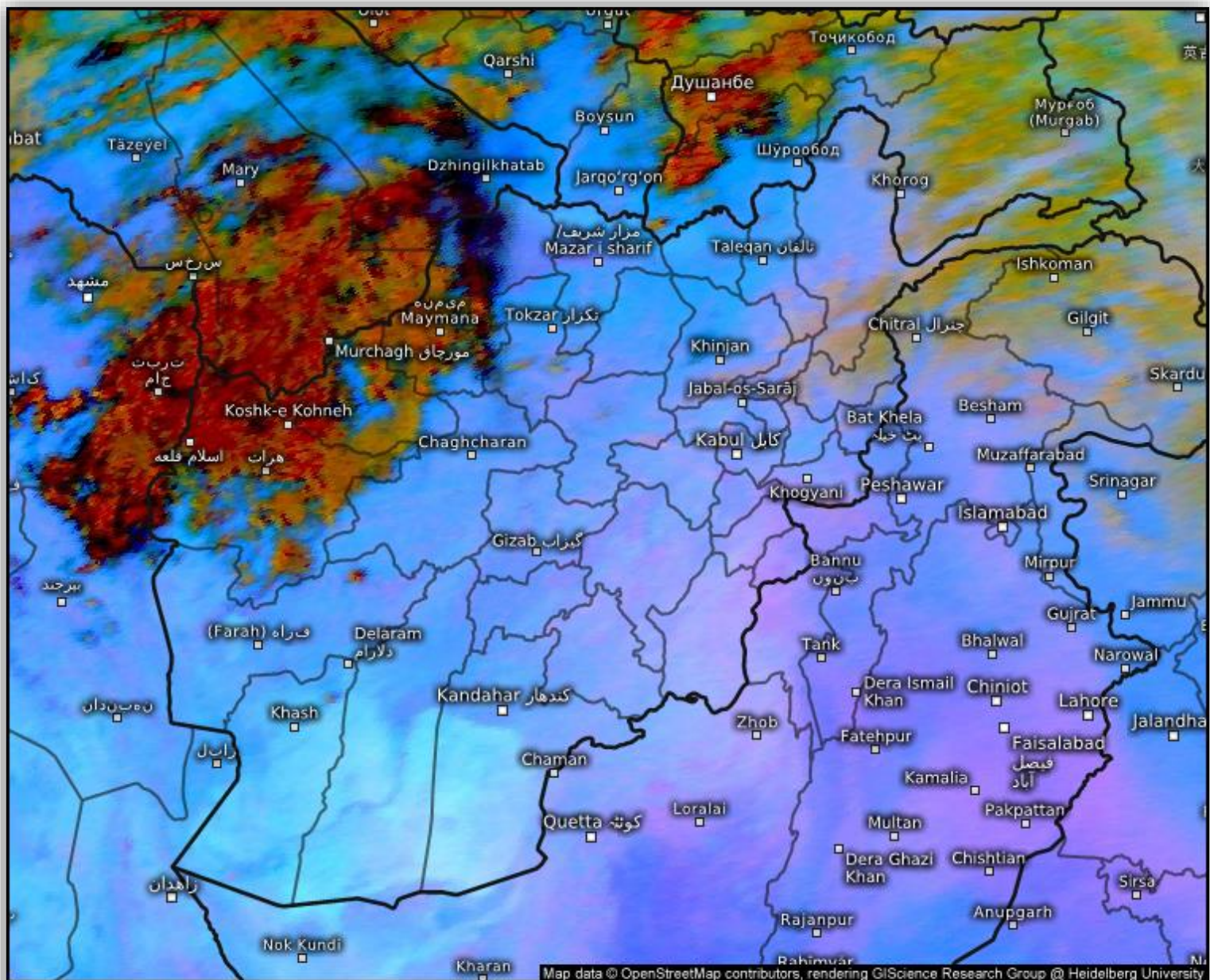
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-09-30 06:00(UTC)





Satellite Dust

Wed 09/30/2026, 10:30am GMT+0430

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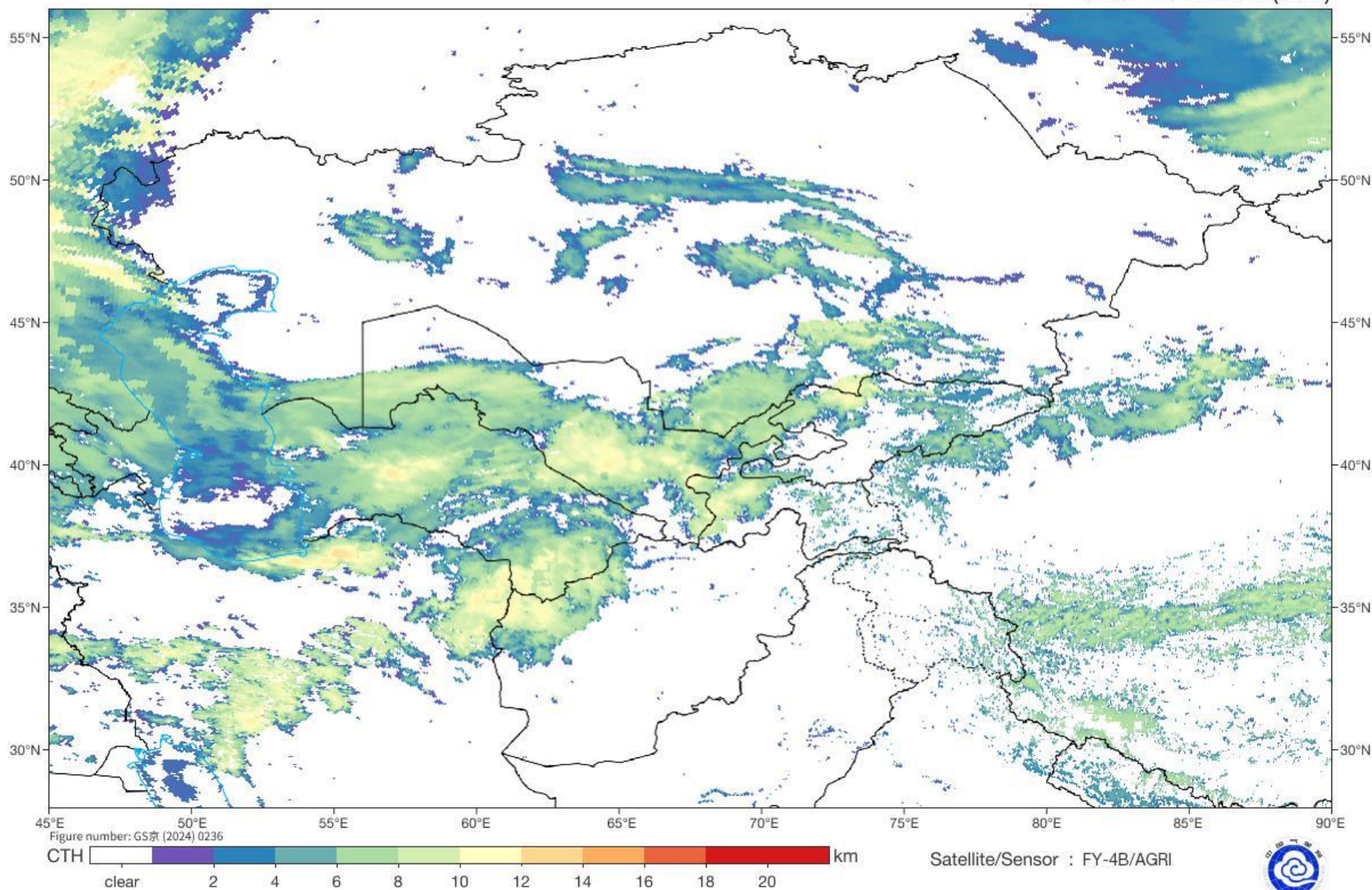
Afghanistan

 **meteologix**

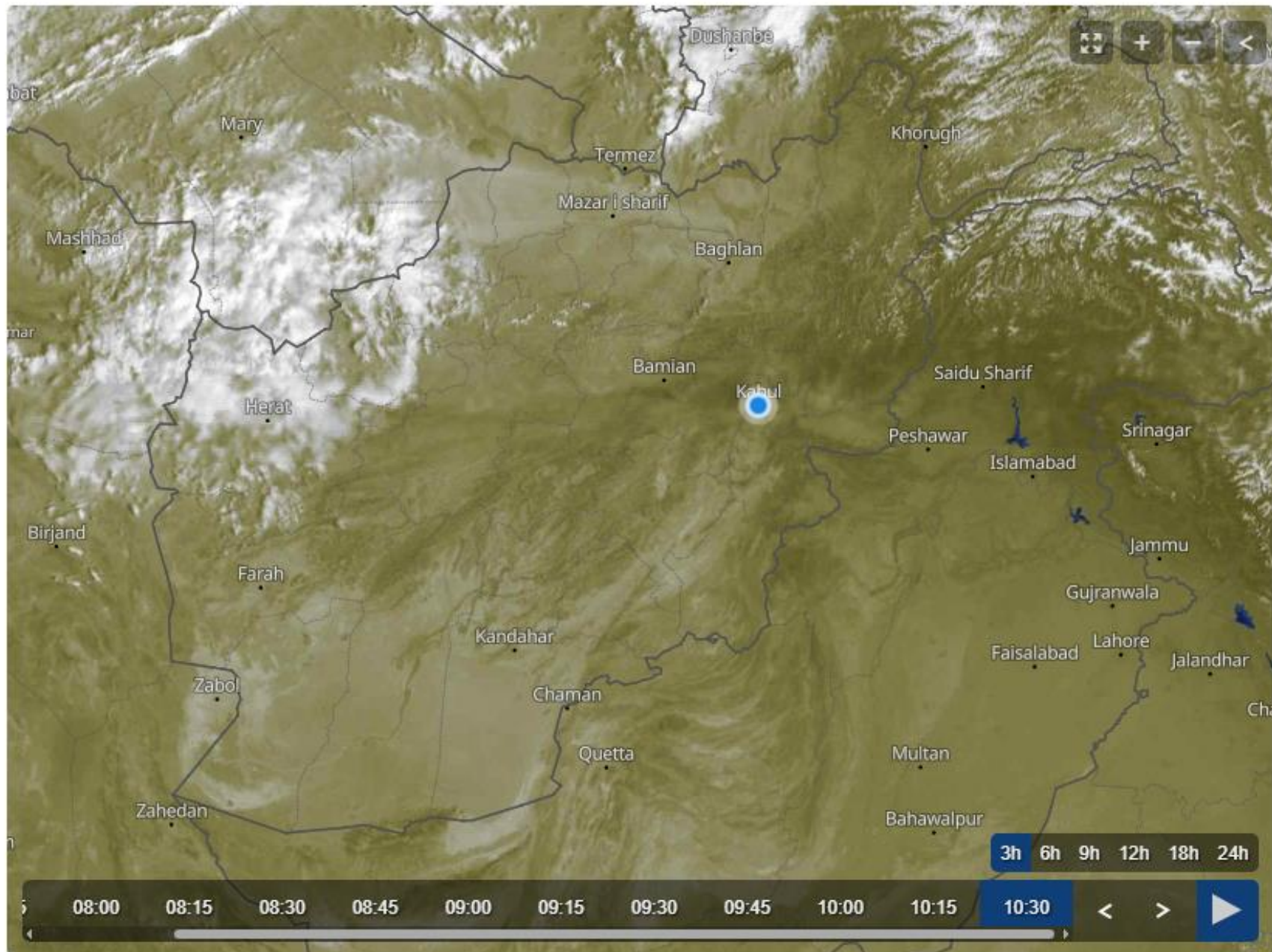
Satellite data: EUMETSAT

Cloud Top Height

2026-09-30 06:00(UTC)



Live satellite map, Afghanistan



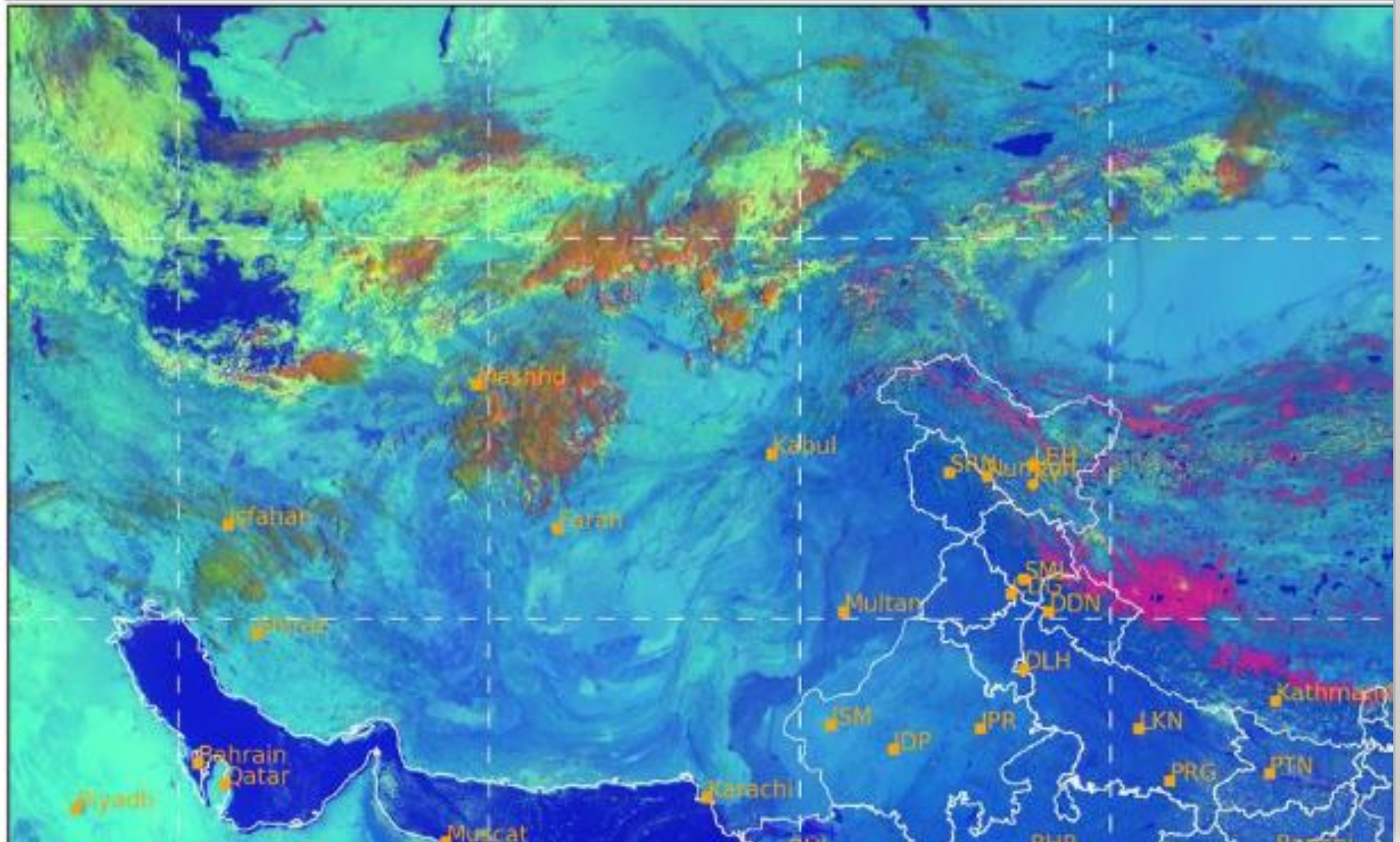
SAT : INSAT-3DR IMG

30-09-2026/(0445 to 0511) GMT

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

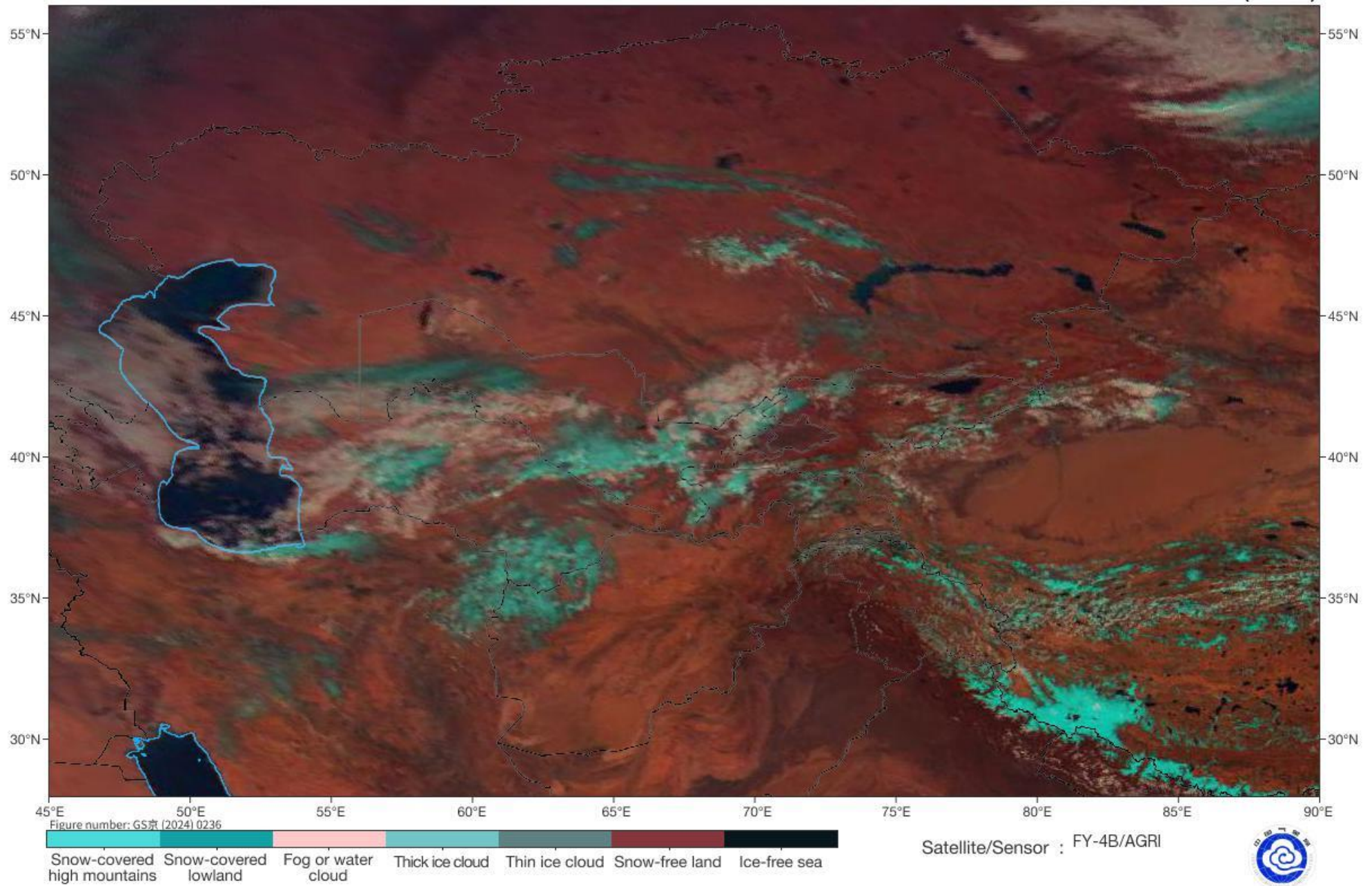
L1C Mercator

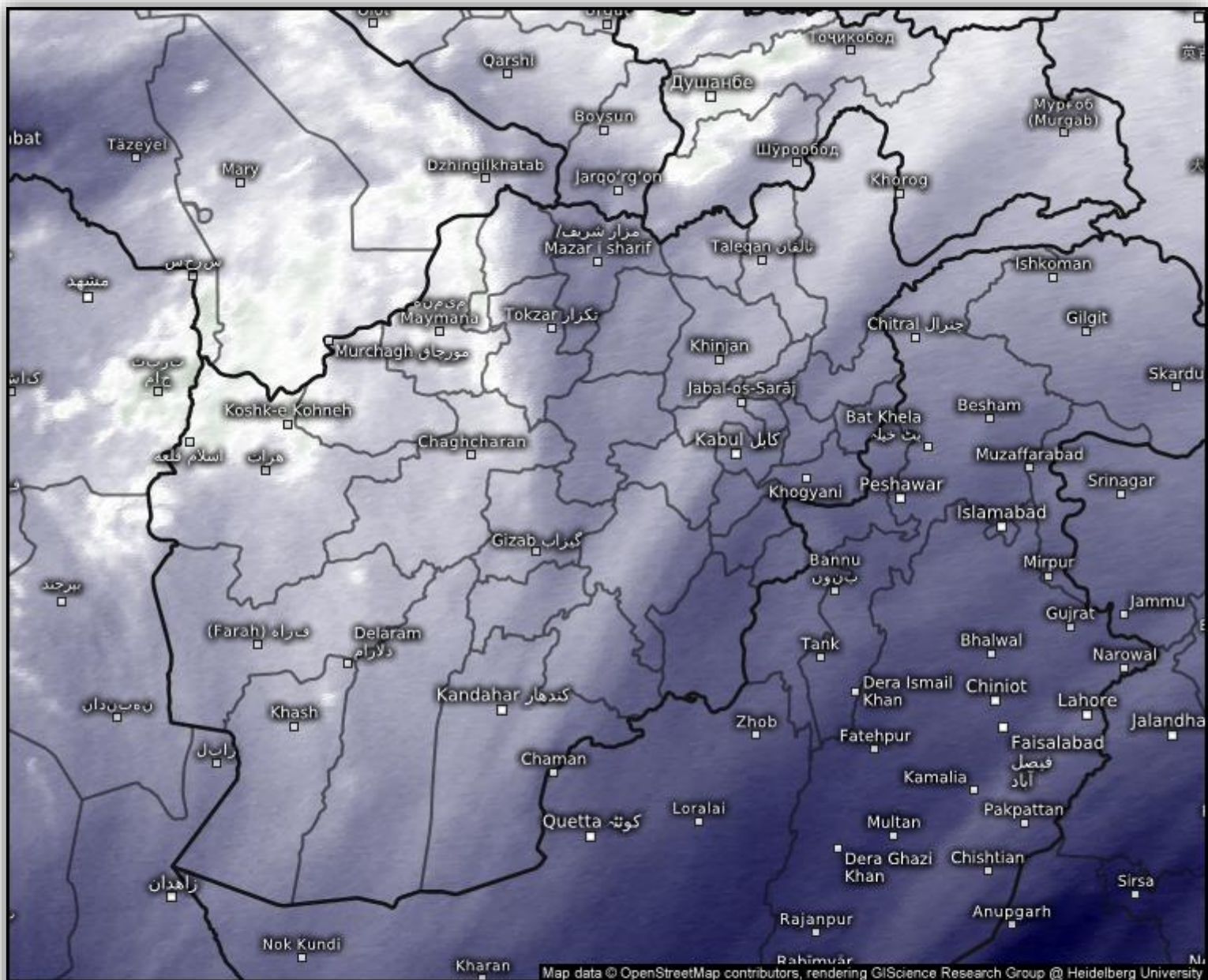
30-09-2026/(1015 to 1041) IST



Fog Identification

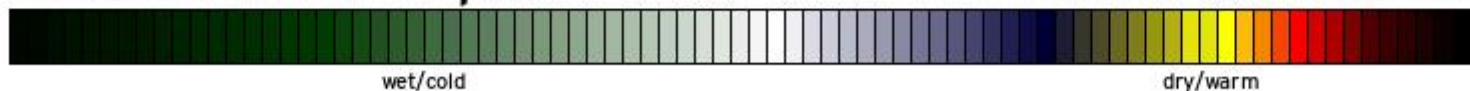
2026-09-30 06:00(UTC)





Satellite Water Vapor

Wed 09/30/2026, 10:30am GMT+0430



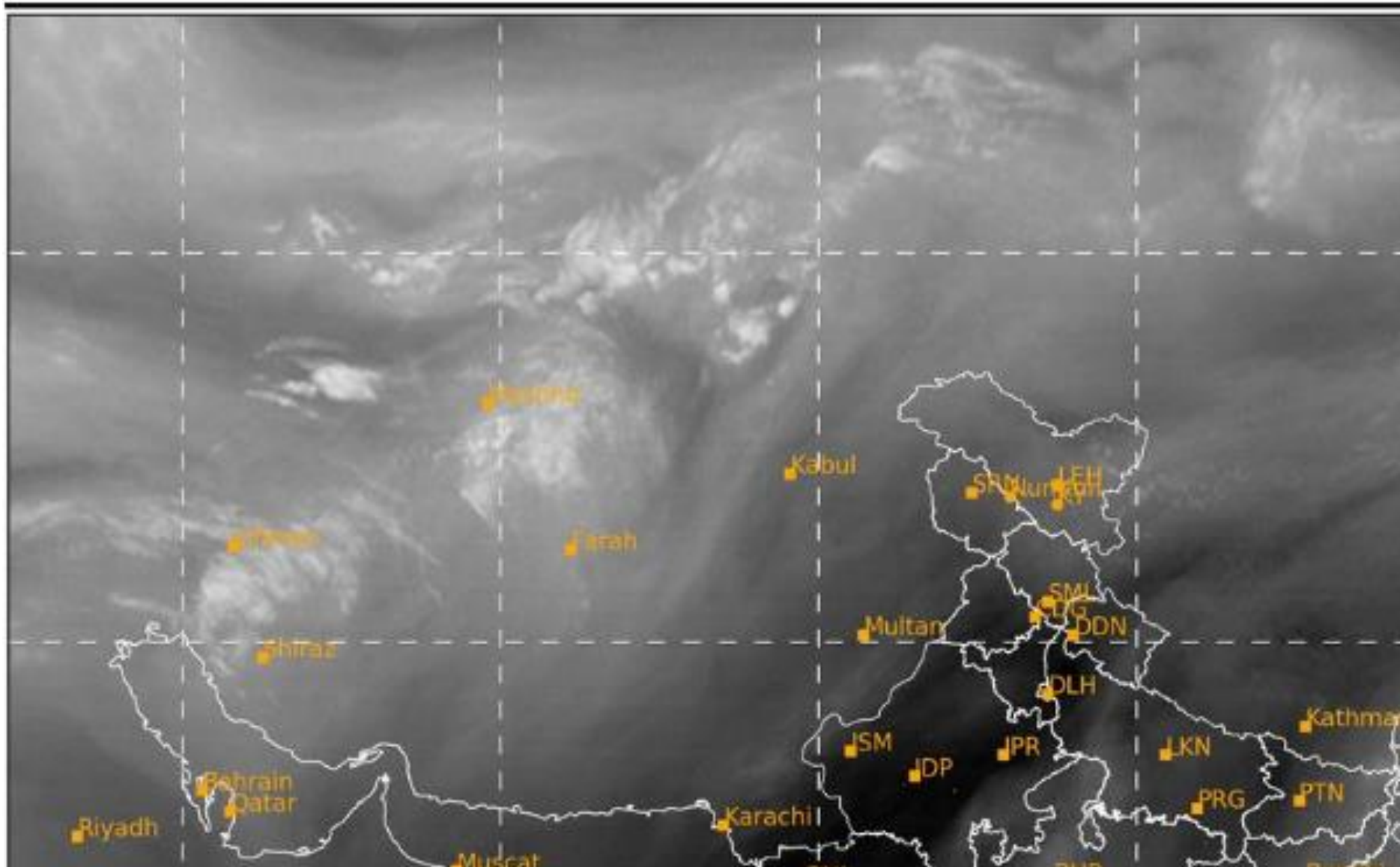
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Afghanistan

meteologix

Satellite data: EUMETSAT

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

30-09-2026/(0445 to 0511) GMT
30-09-2026/(1015 to 1041) IST



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

30-09-2026/(0445 to 0511) GMT
30-09-2026/(1015 to 1041) IST

