



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



Daily reports of Satellite imagery analysis. Date & Time: 08-09-2026, 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	X	✓	X	✓	
2	South	X	✓	X	X	X	✓	X	✓	
3	West	✓	✓	X	X	X	✓	X	✓	
4	East	✓	X	✓	✓	X	✓	X	X	
5	central	✓	X	X	X	X	✓	X	X	
6	Northeast	✓	X	X	✓	X	✓	X	X	
7	Southeast	✓	✓	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, northwestern regions have weak warm air mass. The southern, western, southeastern, northwestern and southwestern regions have dust. The eastern regions have thunder storm. The eastern, northeastern and southeastern regions have cloudy sky. The all-regions have weak water vapor. The northern, southern, western and southwestern regions have Jetstream.

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

Reported by: Esmatullah Mohammadi

Legend:

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

UTC: 2026-09-08 00:00

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



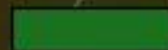
Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

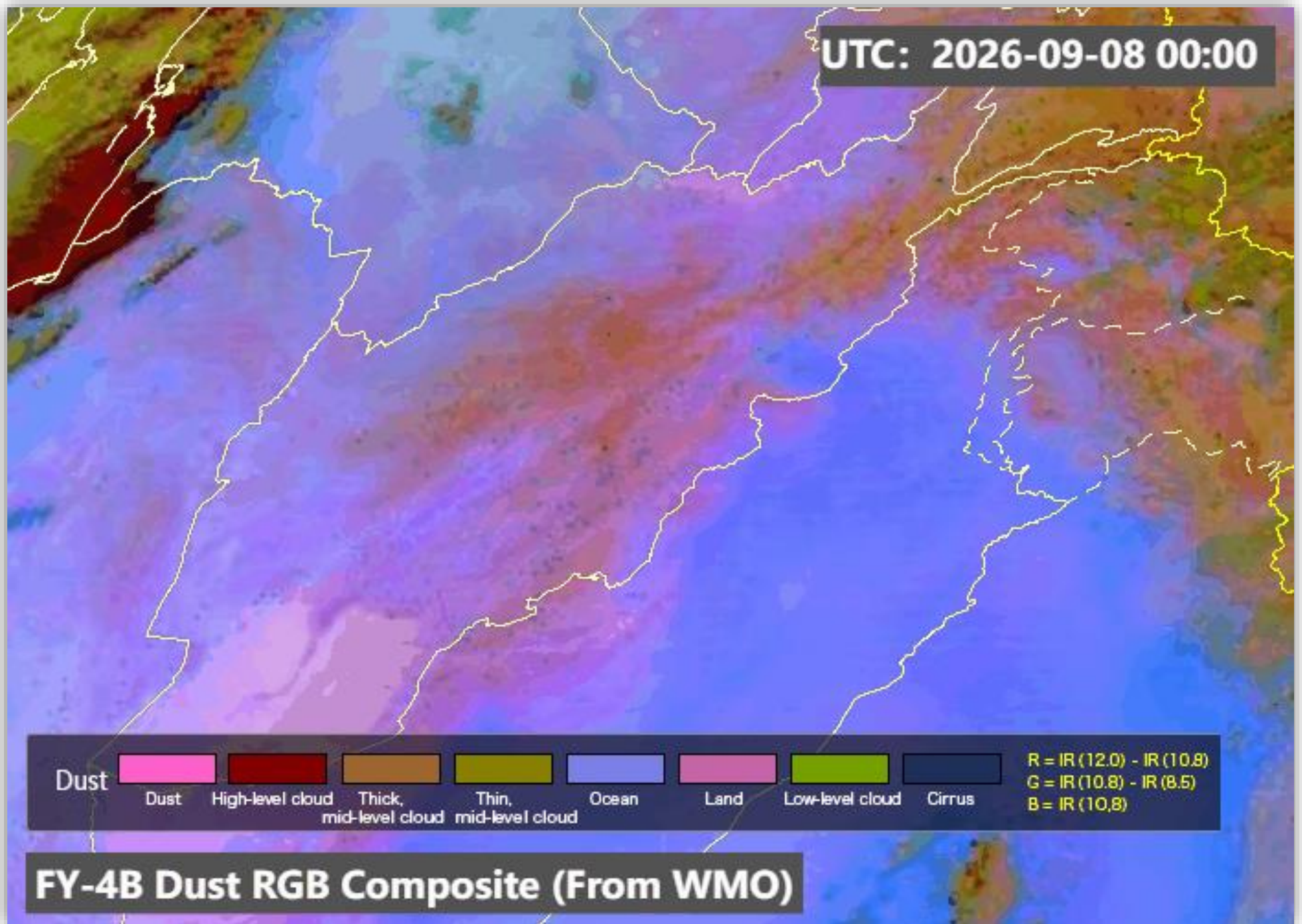
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

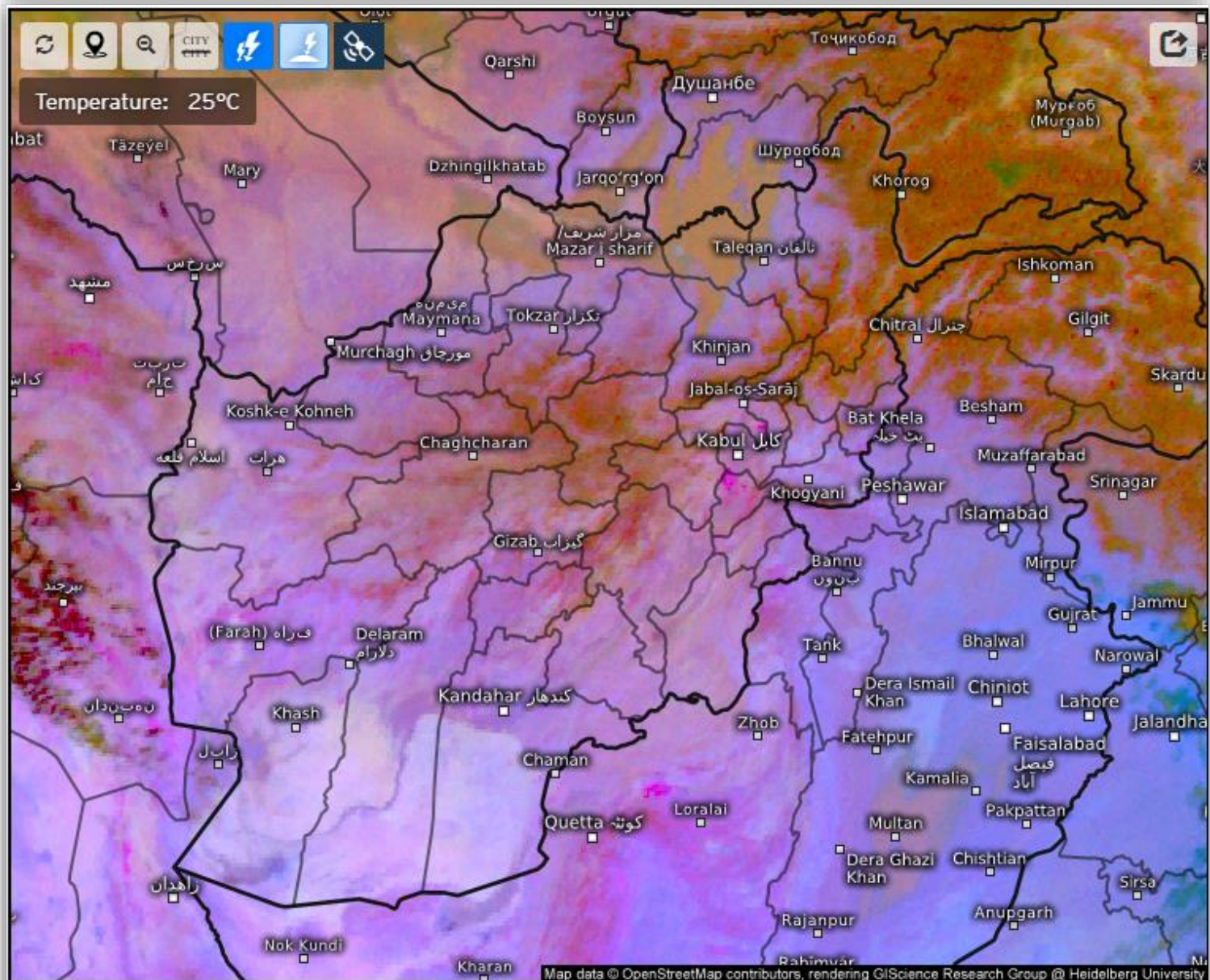
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-09-08 00:00

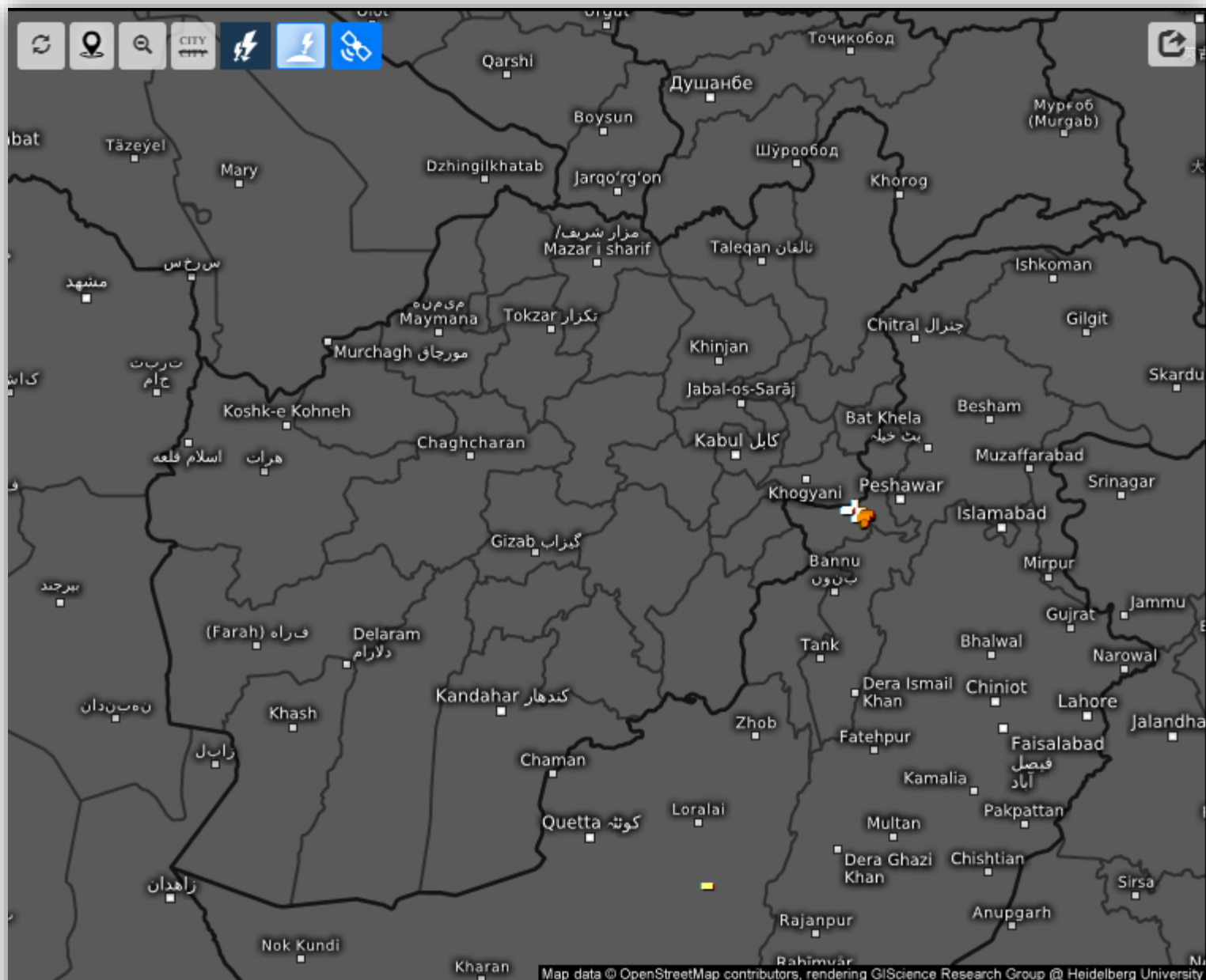


FY-4B Dust RGB Composite (From WMO)



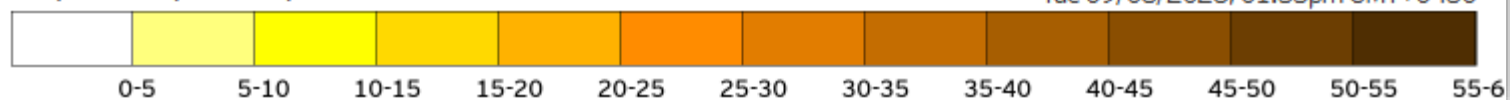
Satellite Dust 

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



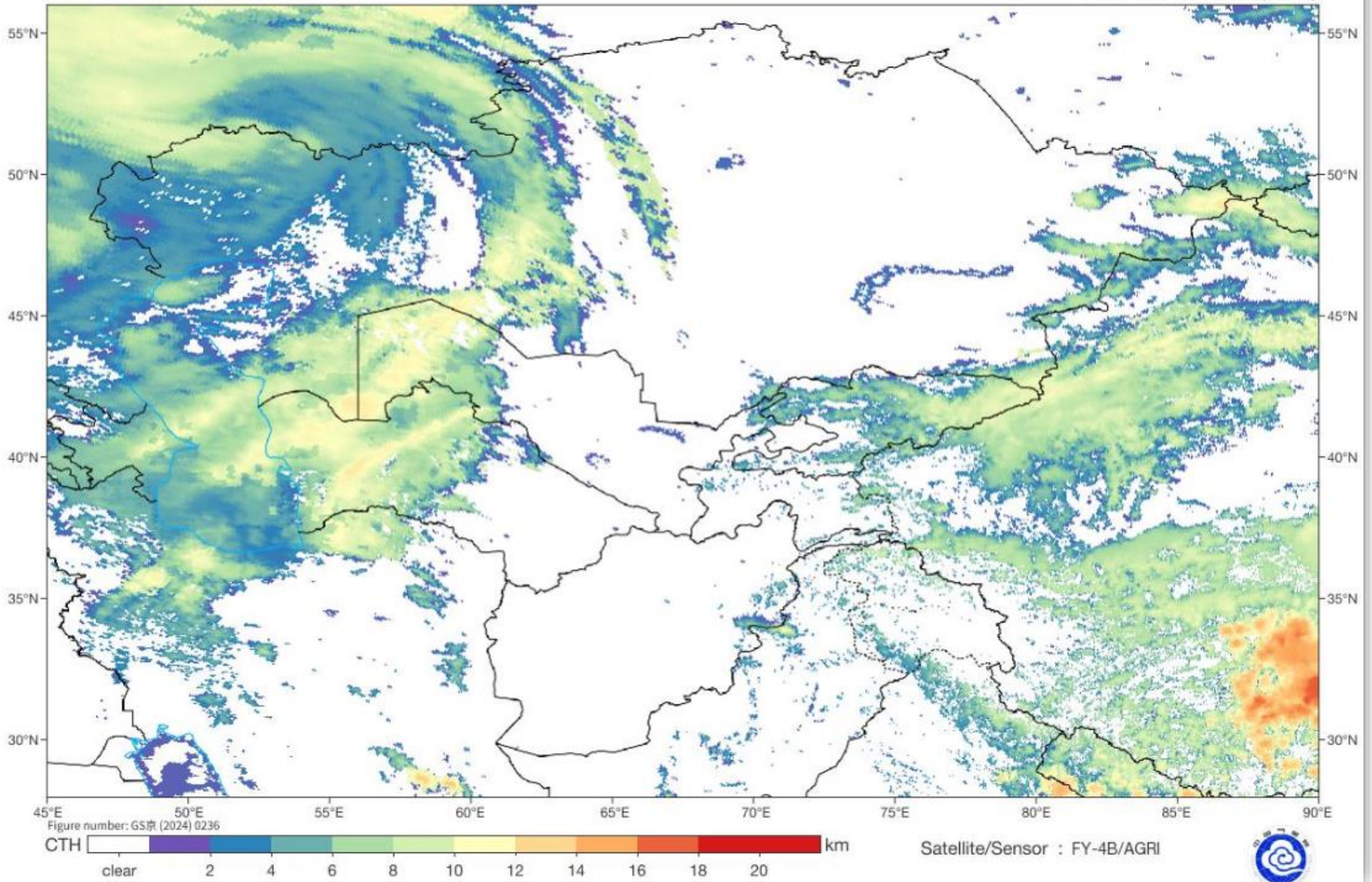
Age of lightning (minutes) 

Tue 09/08/2026, 01:55pm GMT+0430



Cloud Top Height

2026-09-08 09:00(UTC)



Live satellite map, Afghanistan



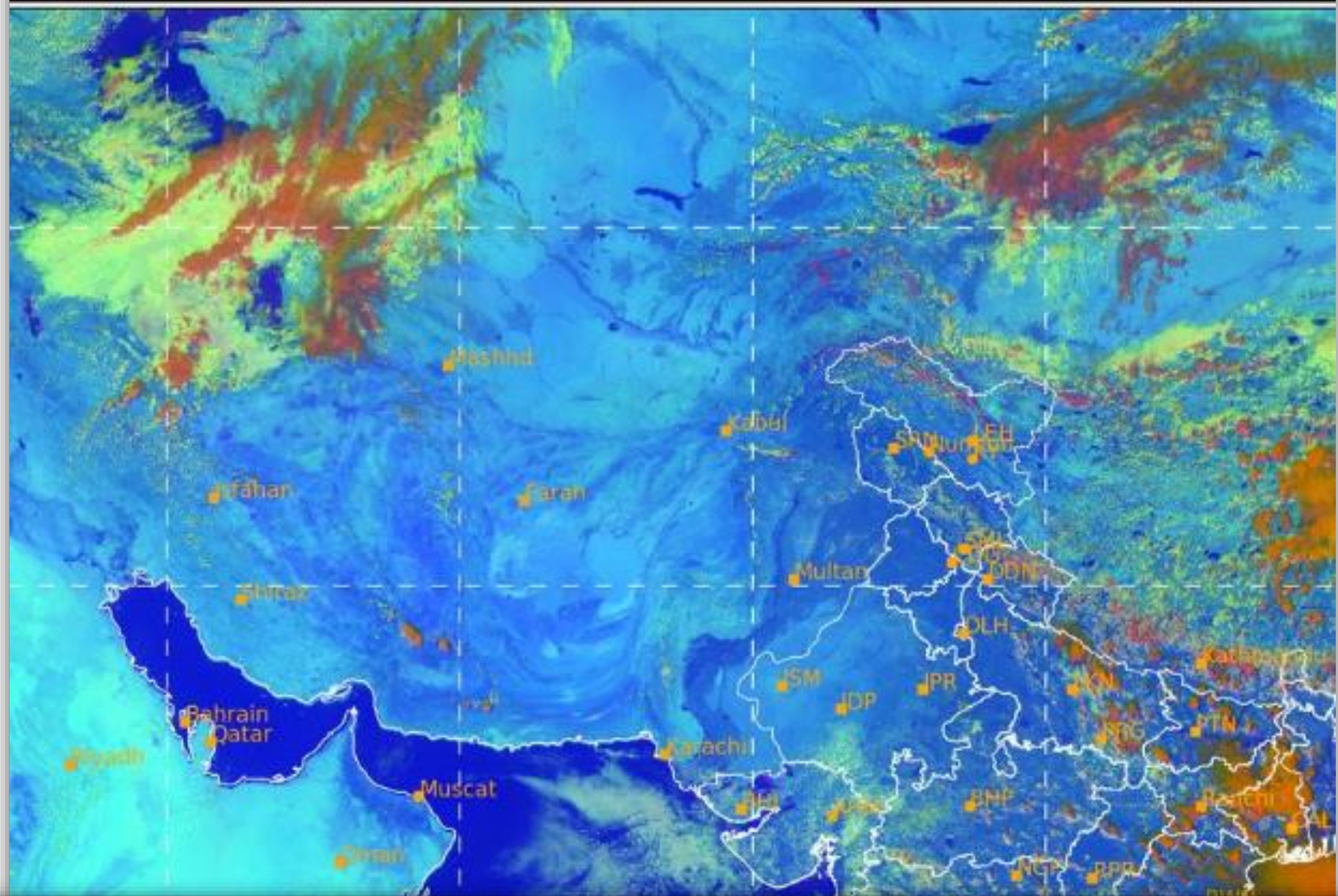
SAT : INSAT-3DR IMG

08-09-2026/(0815 to 0842) GMT

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

L1C Mercator

08-09-2026/(1345 to 1412) IST



0

100% 0

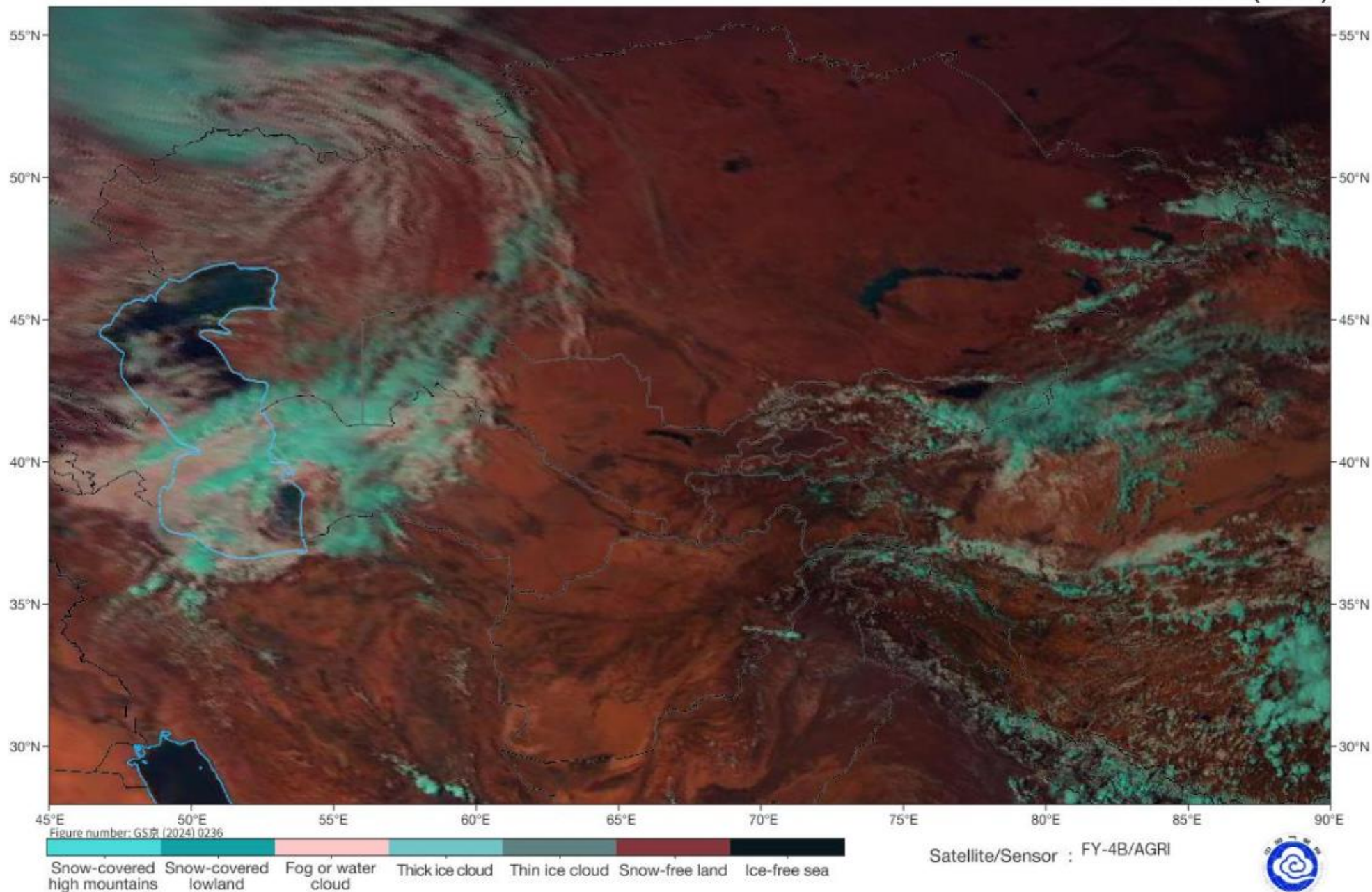
60% 203

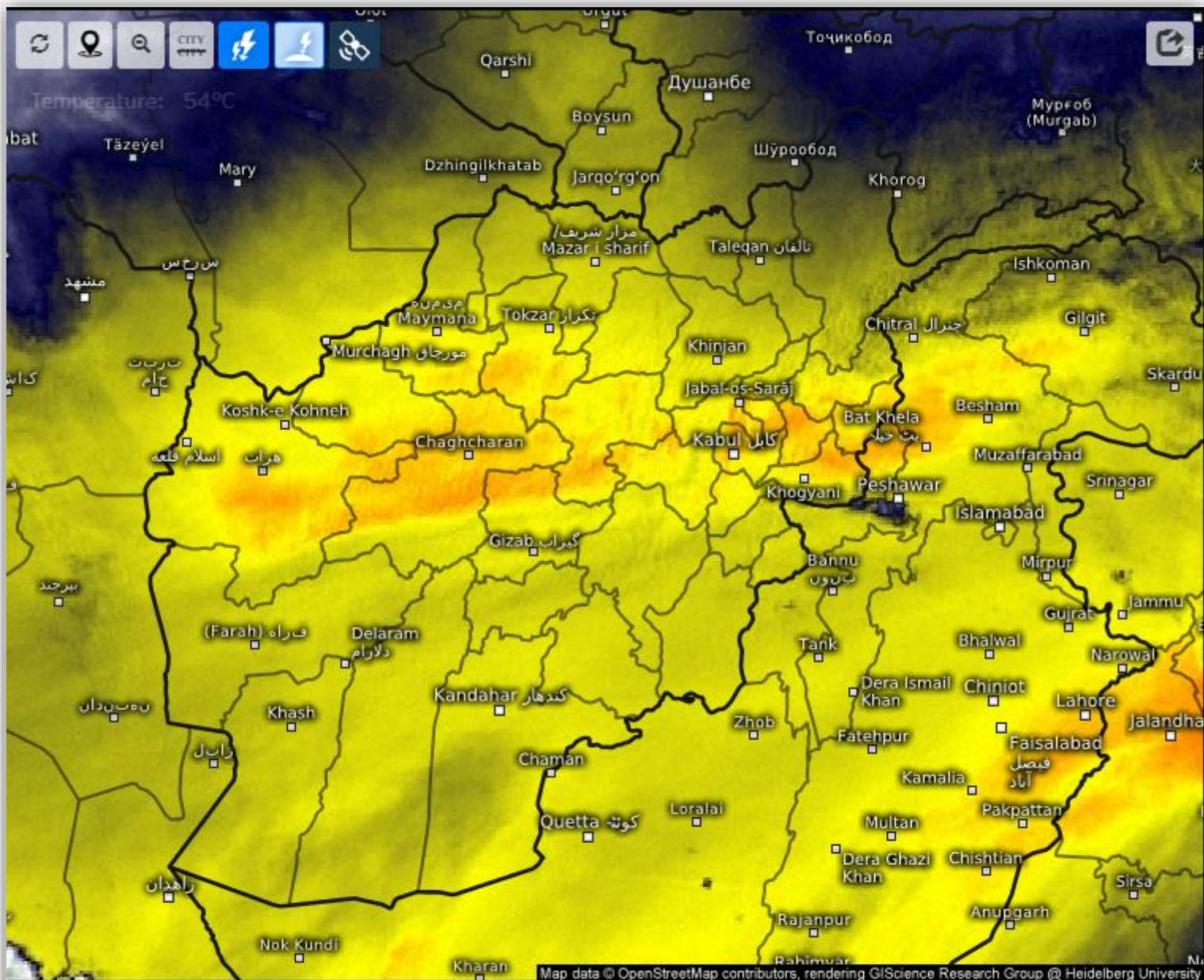
323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

Fog Identification

2026-09-08 09:00(UTC)





Satellite Water Vapor

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



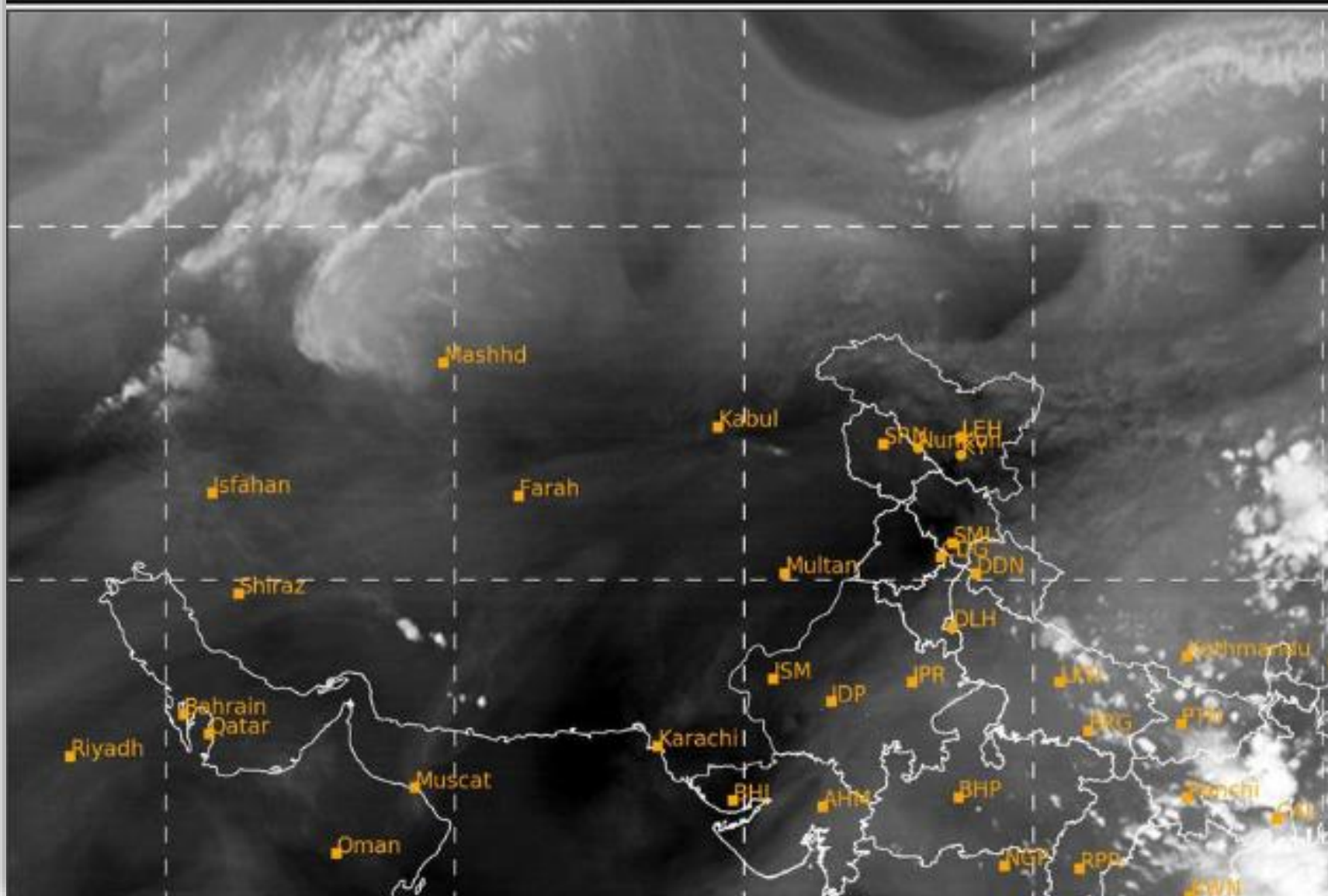
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

08-09-2026/(0815 to 0842) GMT

08-09-2026/(1345 to 1412) IST



SAT : INSAT-3DR IMG

IMG TIR1 10.8 um

L1C Mercator

08-09-2026/(0815 to 0842) GMT

08-09-2026/(1345 to 1412) IST

