



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



Daily reports of Satellite imagery analysis. Date & Time: 05-09-2026, 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	✓	Dust storm
3	West	✓	✓	X	X	X	✓	X	X	
4	East	X	X	✓	✓	X	✓	X	X	CTH+ thunder storm
5	central	X	X	✓	✓	X	✓	X	X	
6	Northeast	X	X	X	✓	X	✓	X	X	
7	Southeast	X	✓	✓	✓	X	✓	X	X	CTH+ thunder storm
8	Northwest	✓	✓	X	X	X	✓	X	X	
9	Southwest	✓	✓	X	X	X	✓	X	✓	

Details: according to satellite imagery analysis, the southern, western, northwestern and southwestern regions have weak warm air mass. The southern, western, southeastern, northwestern and southwestern regions have dust storm. The eastern, central and southeastern regions have thunder storm. The eastern, central, northeastern and southeastern regions have cloudy sky. The all-regions have dry water vapor with the exception of eastern, central, northeastern, southeastern regions have moderate water vapor. The northern, southern, 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: 2026-09-05 01:15

AirMass



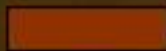
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)

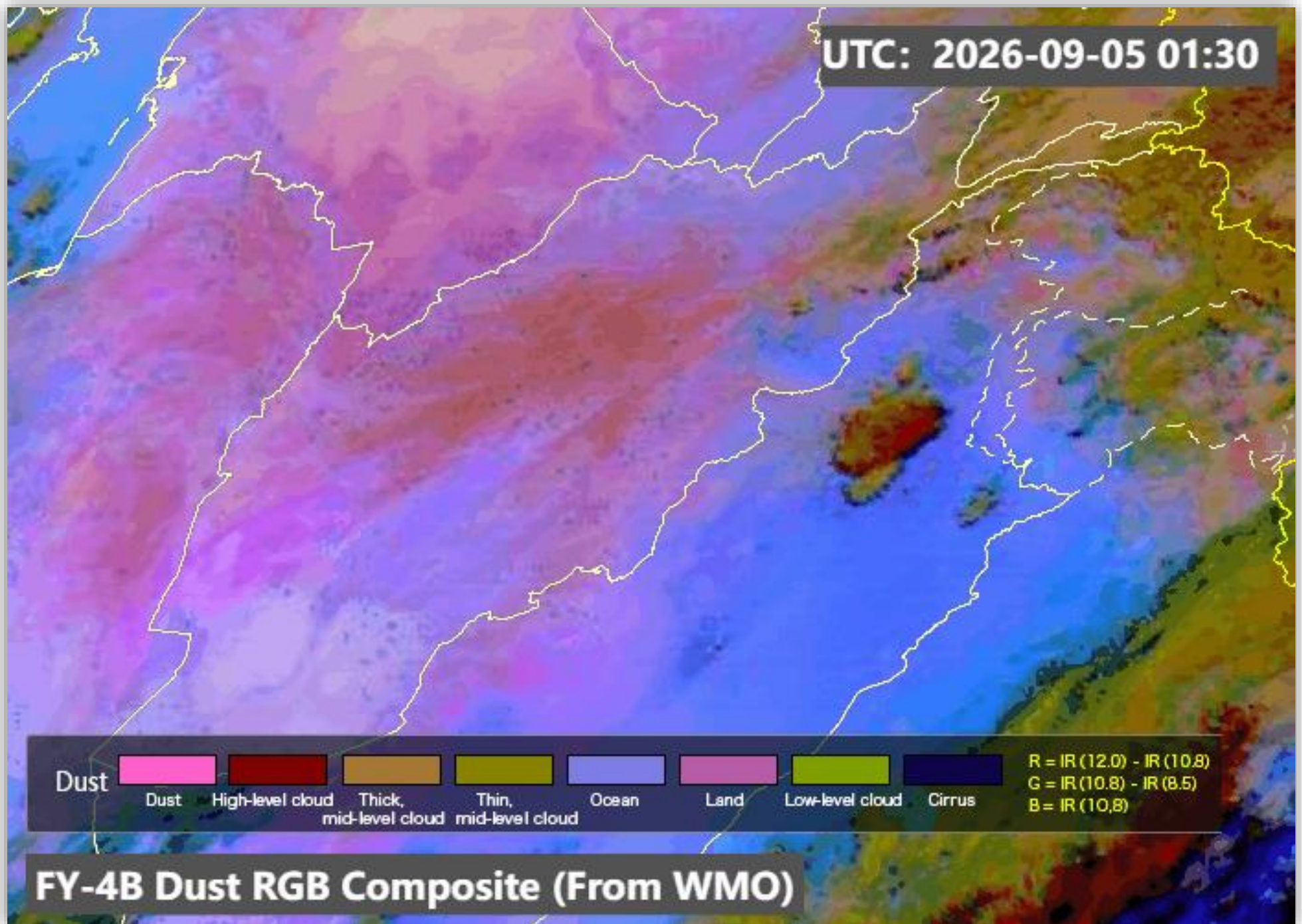


Warm Airmass
(low UTH)

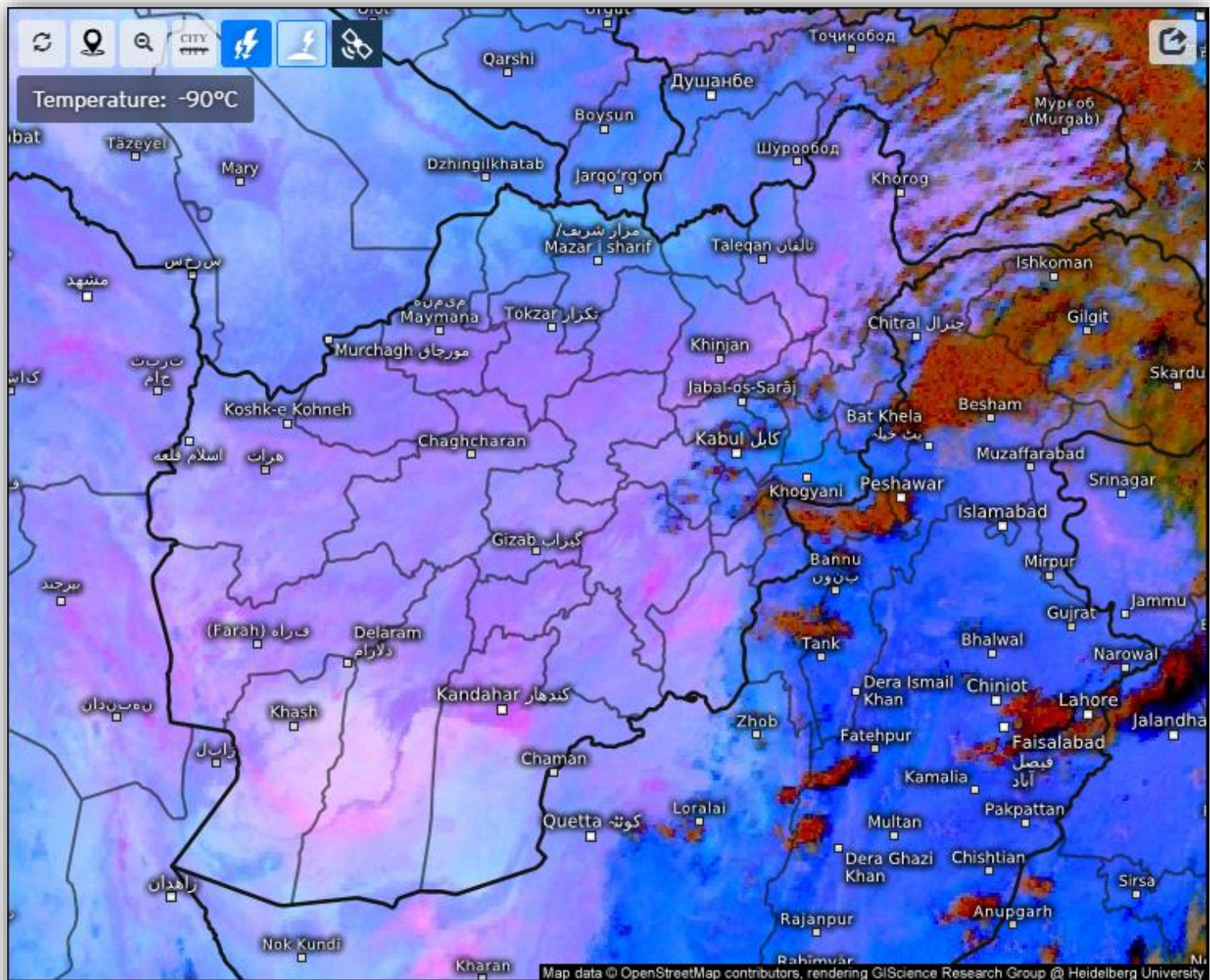
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-09-05 01:30

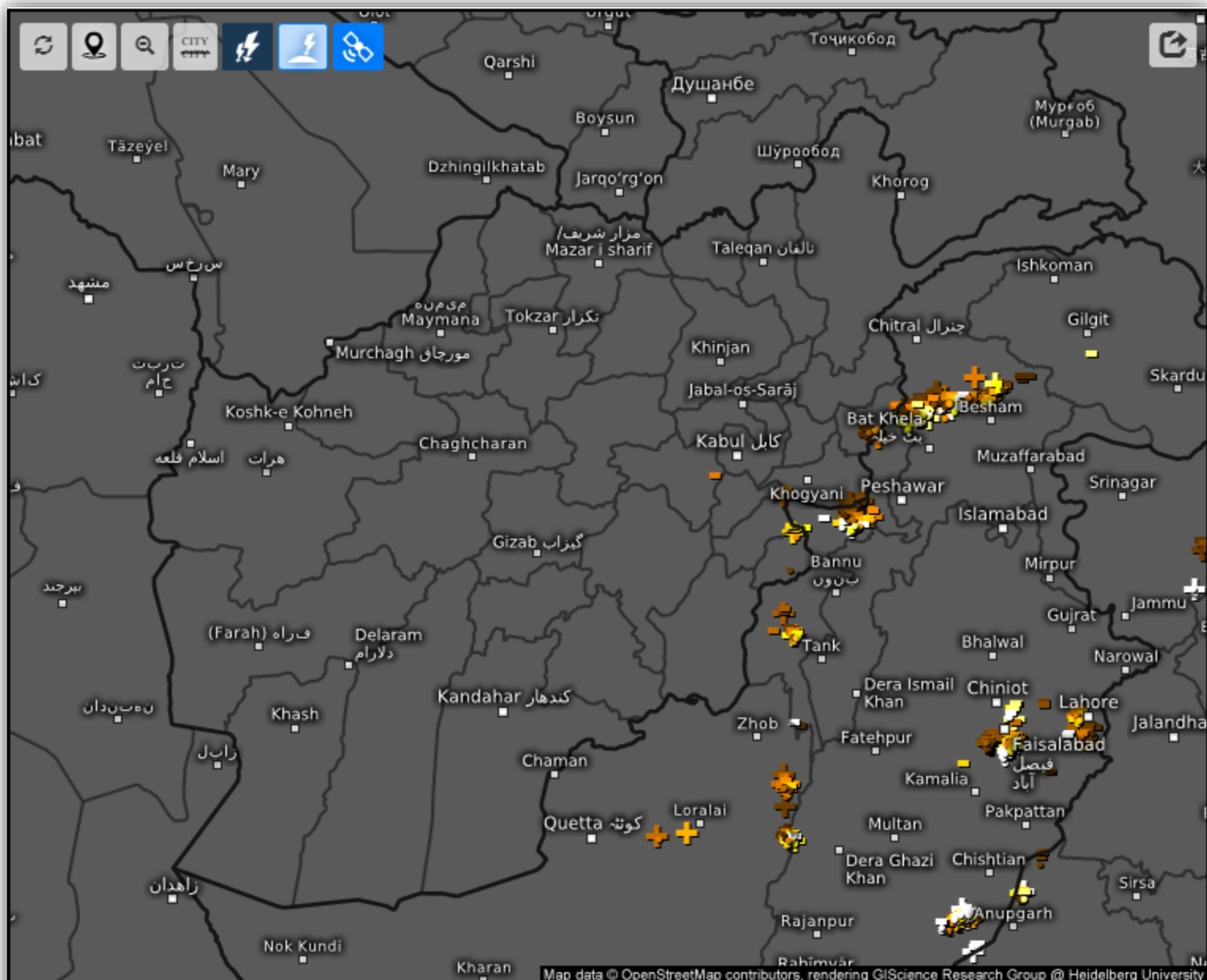


FY-4B Dust RGB Composite (From WMO)



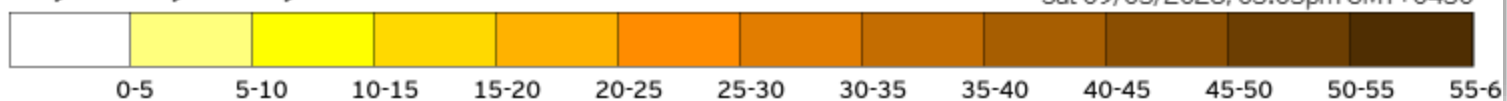
Satellite Dust 

Sat 09/05/2026, 03:00pm GMT+0430



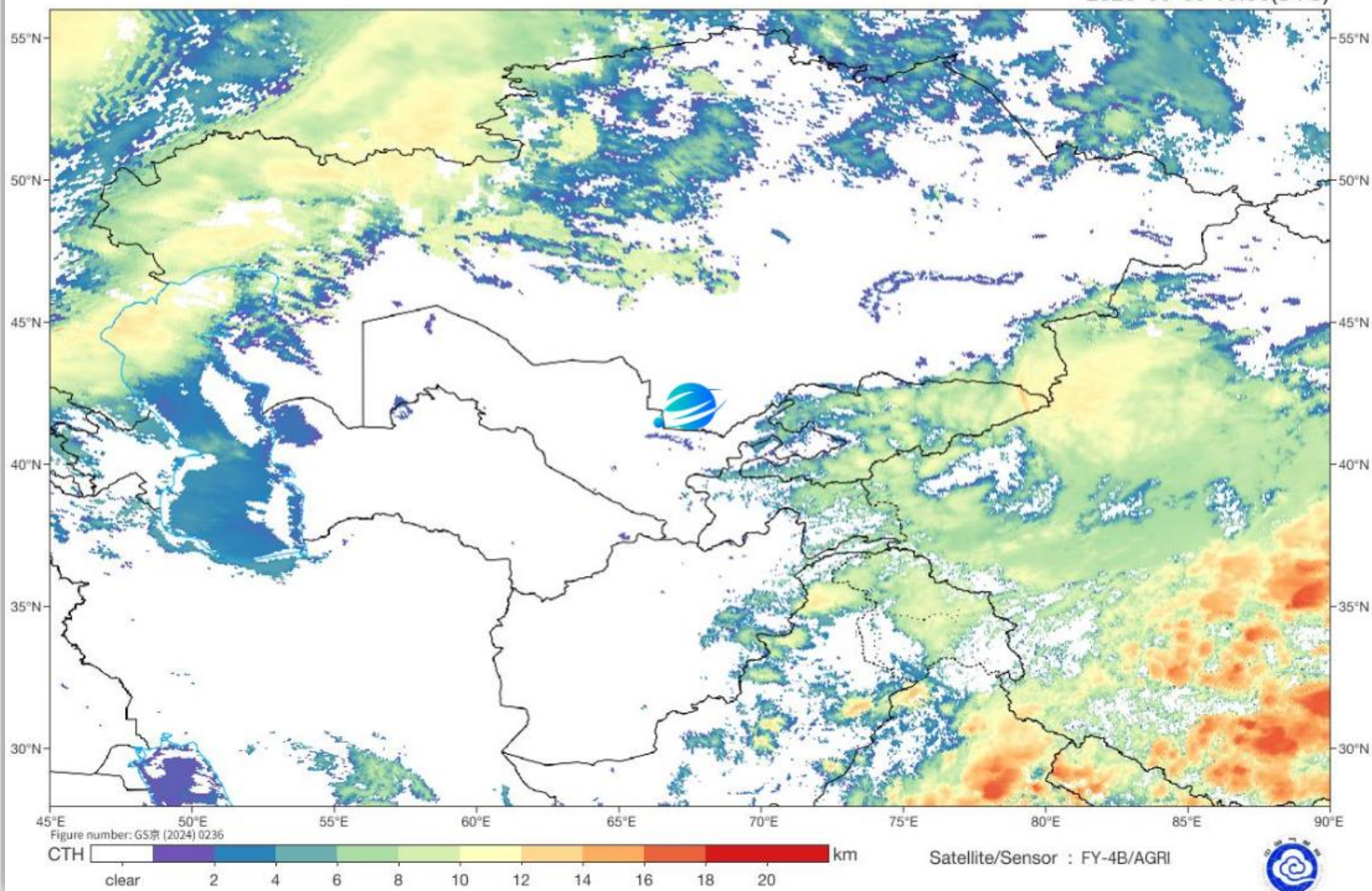
Age of lightning (minutes) 

Sat 09/05/2026, 03:05pm GMT+0430

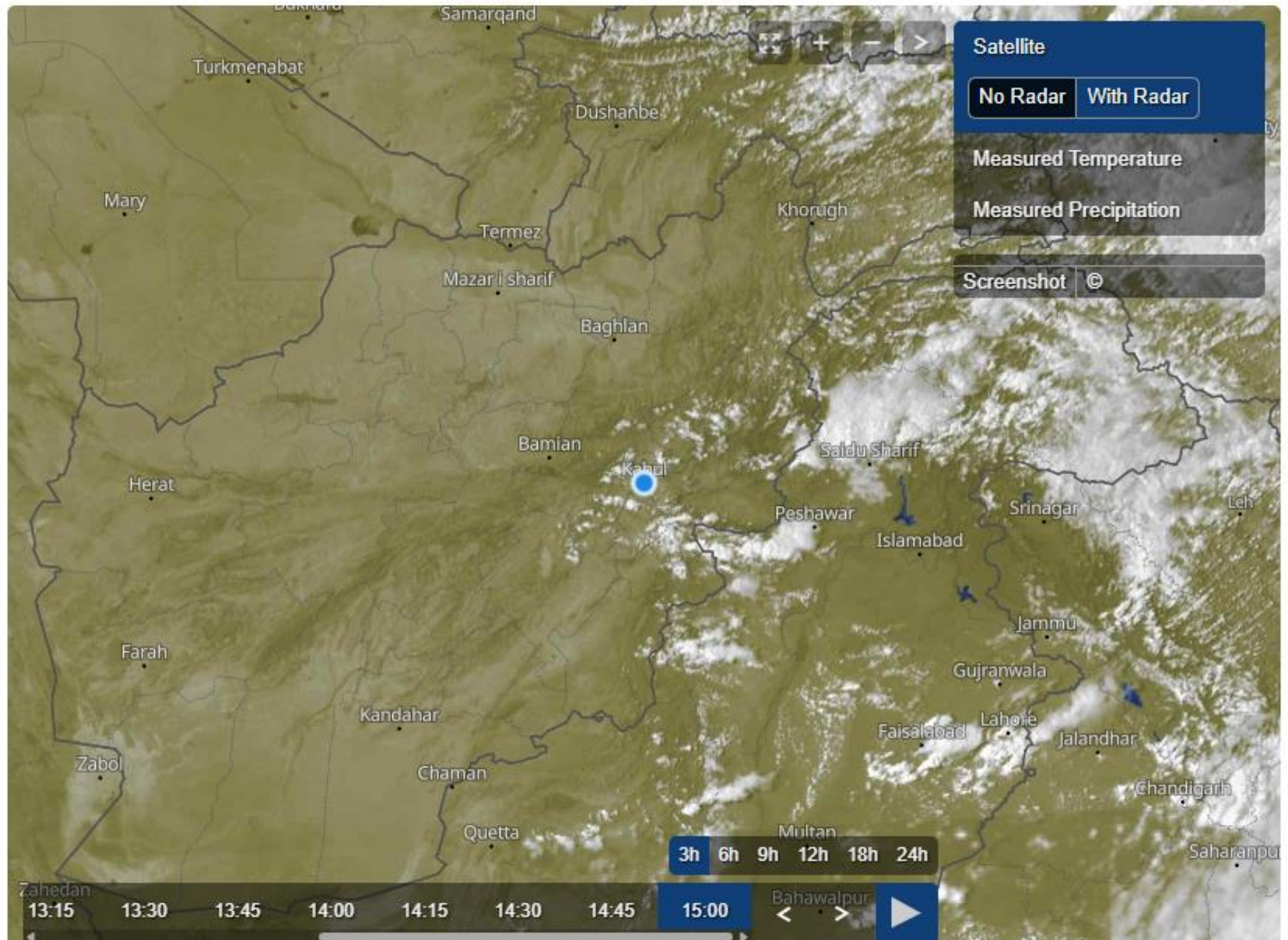


Cloud Top Height

2026-09-05 10:30(UTC)



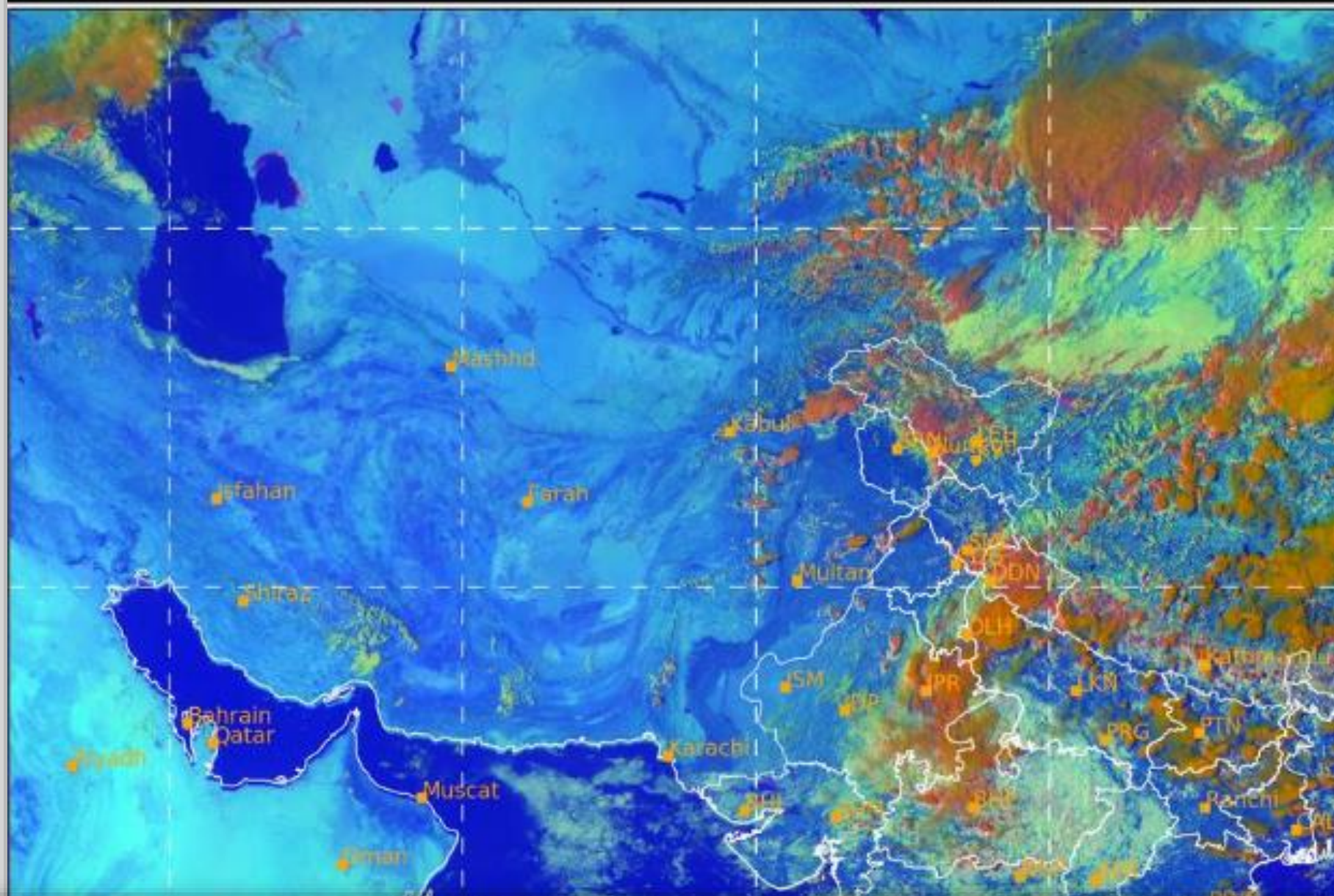
Live satellite map, Afghanistan



L1C Mercator

05-09-2026/(0945 to 1012) GMT

05-09-2026/(1515 to 1542) IST



0

100% 0

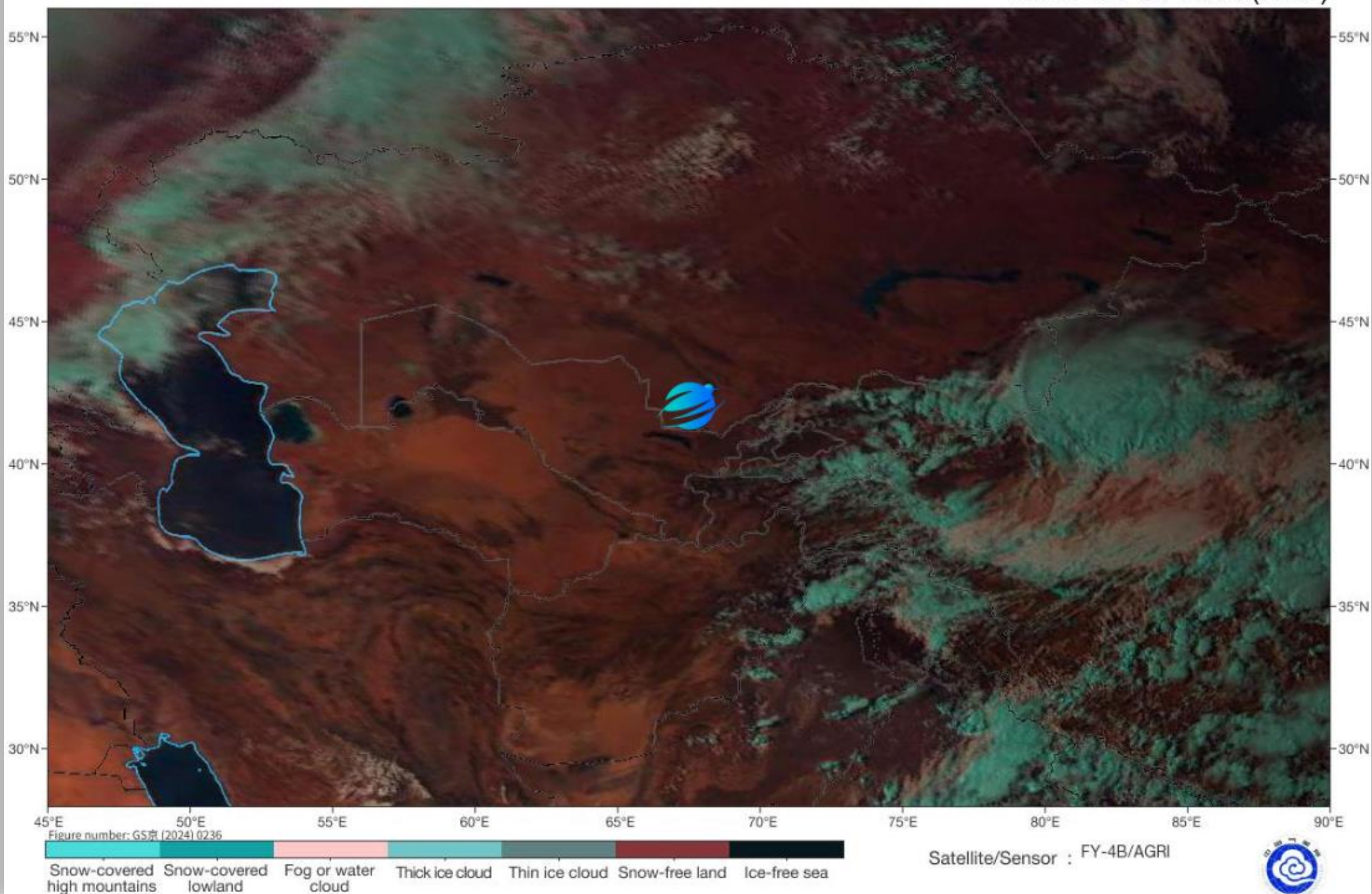
60% 203

323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

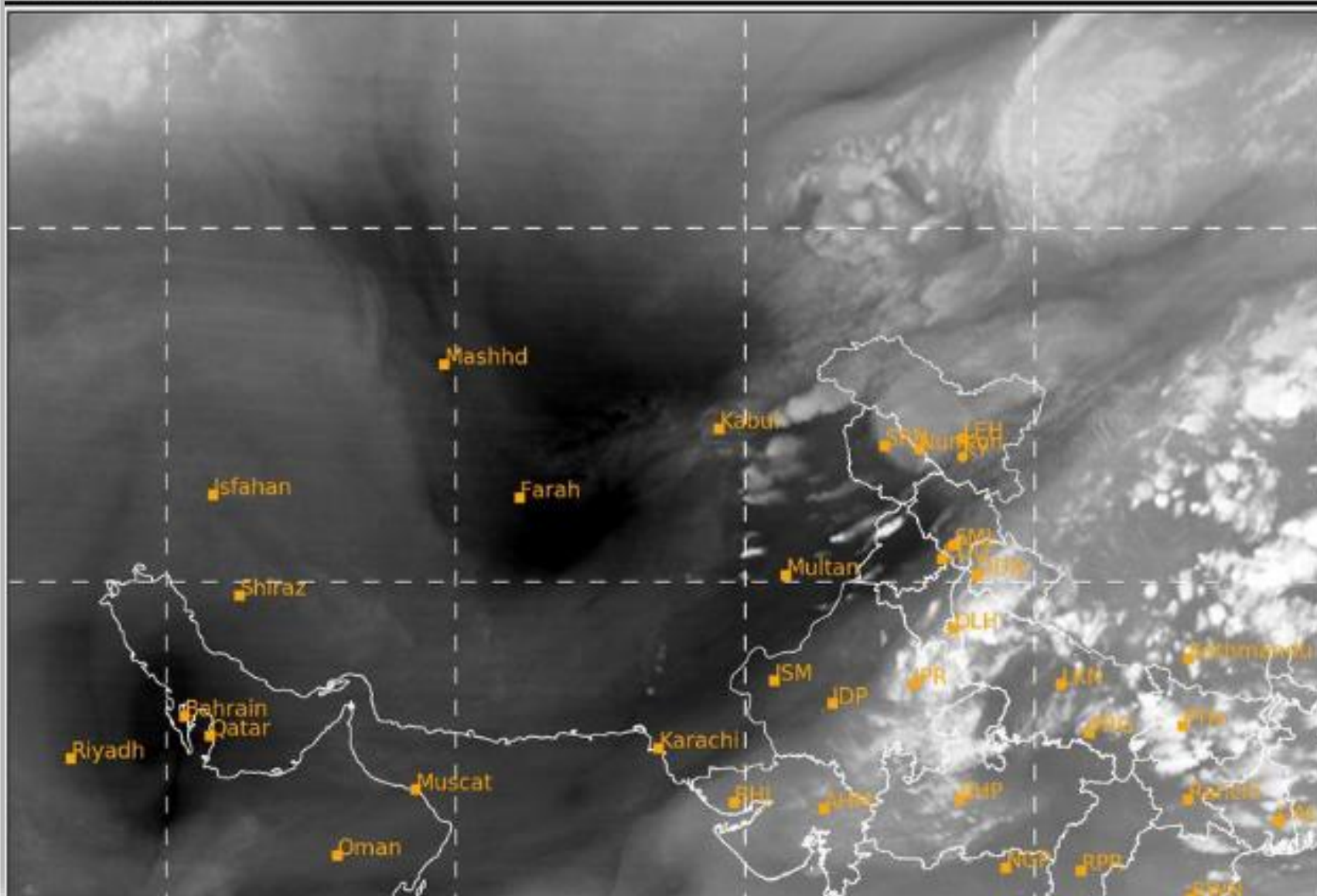
Fog Identification

2026-09-05 10:30(UTC)



L1C Mercator

05-09-2026/(1445 to 1512) IST



L1C Mercator

05-09-2026/(1445 to 1512) IST

