



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



Daily reports of Satellite imagery analysis. Date & Time: 24-09-2026, 07:30 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	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	✓	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 southern, southeastern and southwestern regions have weak warm air mass. The northern, western, eastern, central, northeastern and northwestern regions have clod air mass. The southern, western, northwestern and southwestern regions have dust storm. The northern, eastern, northeastern and southeastern regions have cloudy sky. The southern, western, southeastern, southwestern regions have weak water vapor, the northern, eastern, central, northeastern and northwestern regions have moderate water vapor.

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

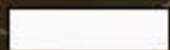
Reported by: Esmatullah Mohammadi

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: 2026-09-23 22:15

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)

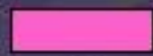
G = IR (8.5) - IR (10.8)

B = WV (6.25)

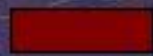
FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-09-23 22:15

Dust



Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



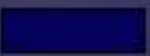
Ocean



Land



Low-level cloud



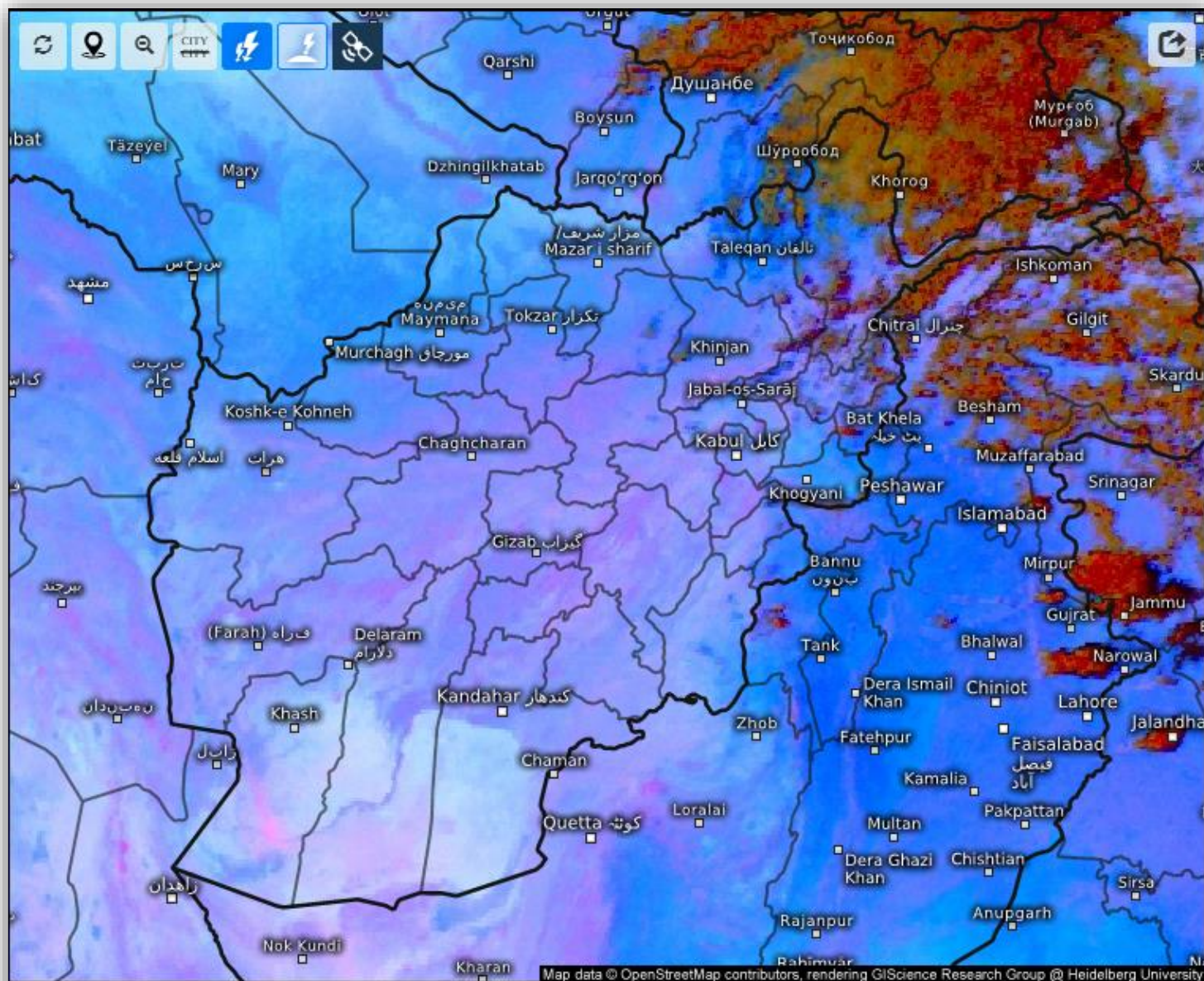
Cirrus

R = IR (12.0) - IR (10.8)

G = IR (10.8) - IR (8.5)

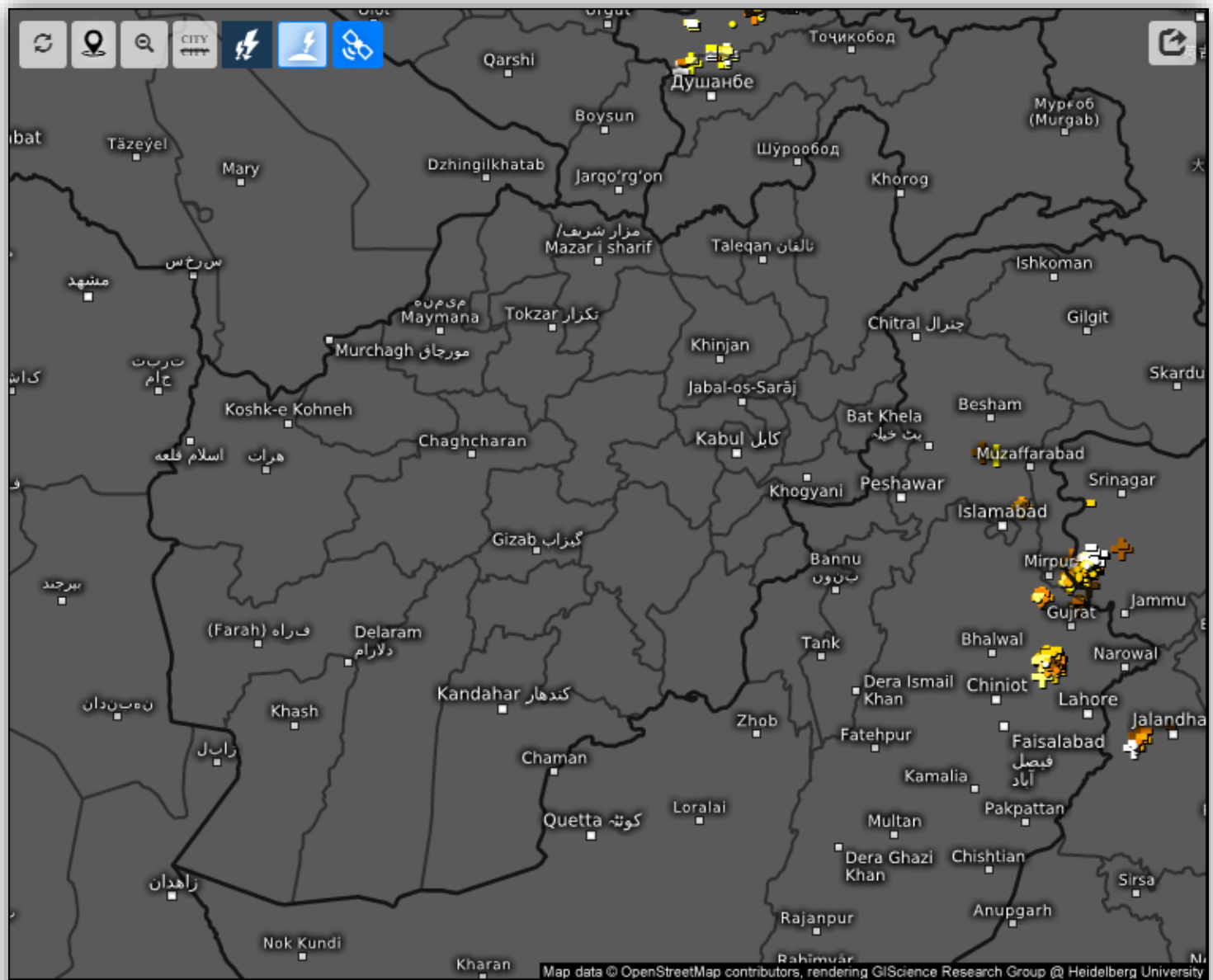
B = IR (10.8)

FY-4B Dust RGB Composite (From WMO)



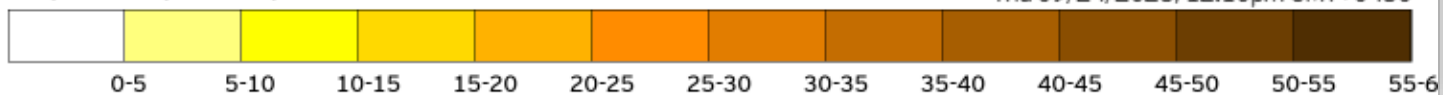
Satellite Dust 

Thu 09/24/2026, 11:45am GMT+0430



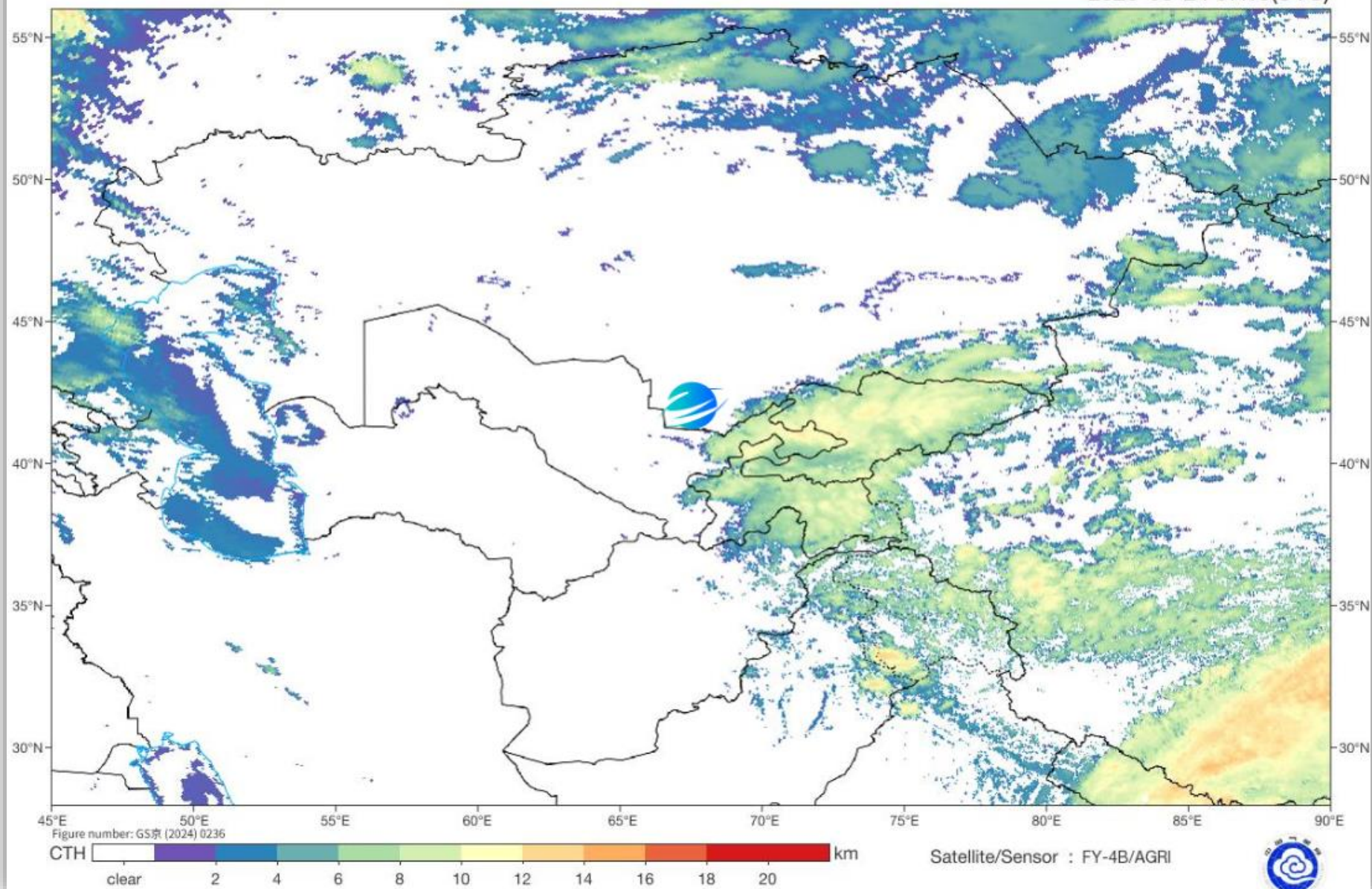
Age of lightning (minutes) 

Thu 09/24/2026, 12:10pm GMT+0430

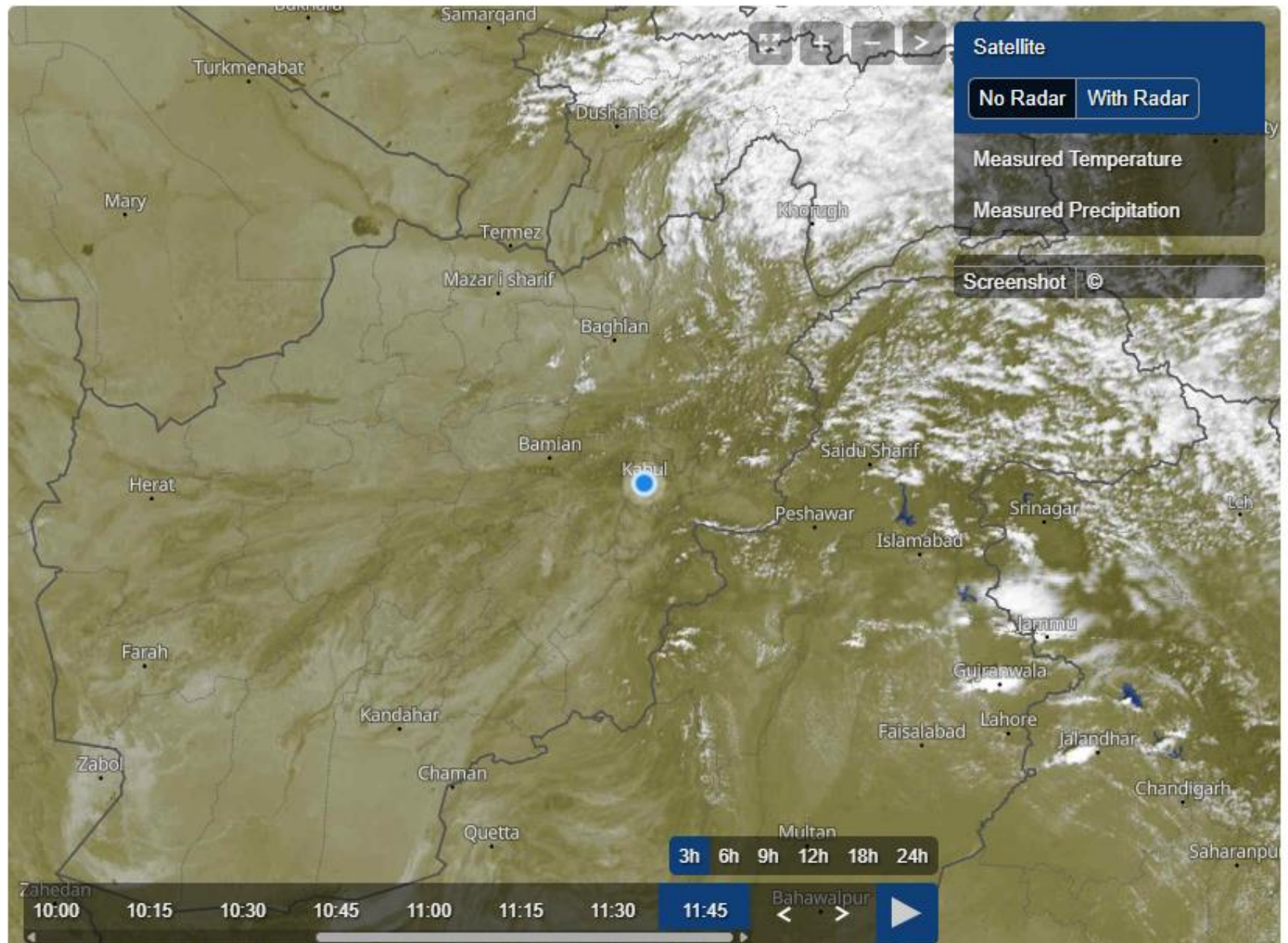


Cloud Top Height

2026-09-24 07:15(UTC)



Live satellite map, Afghanistan



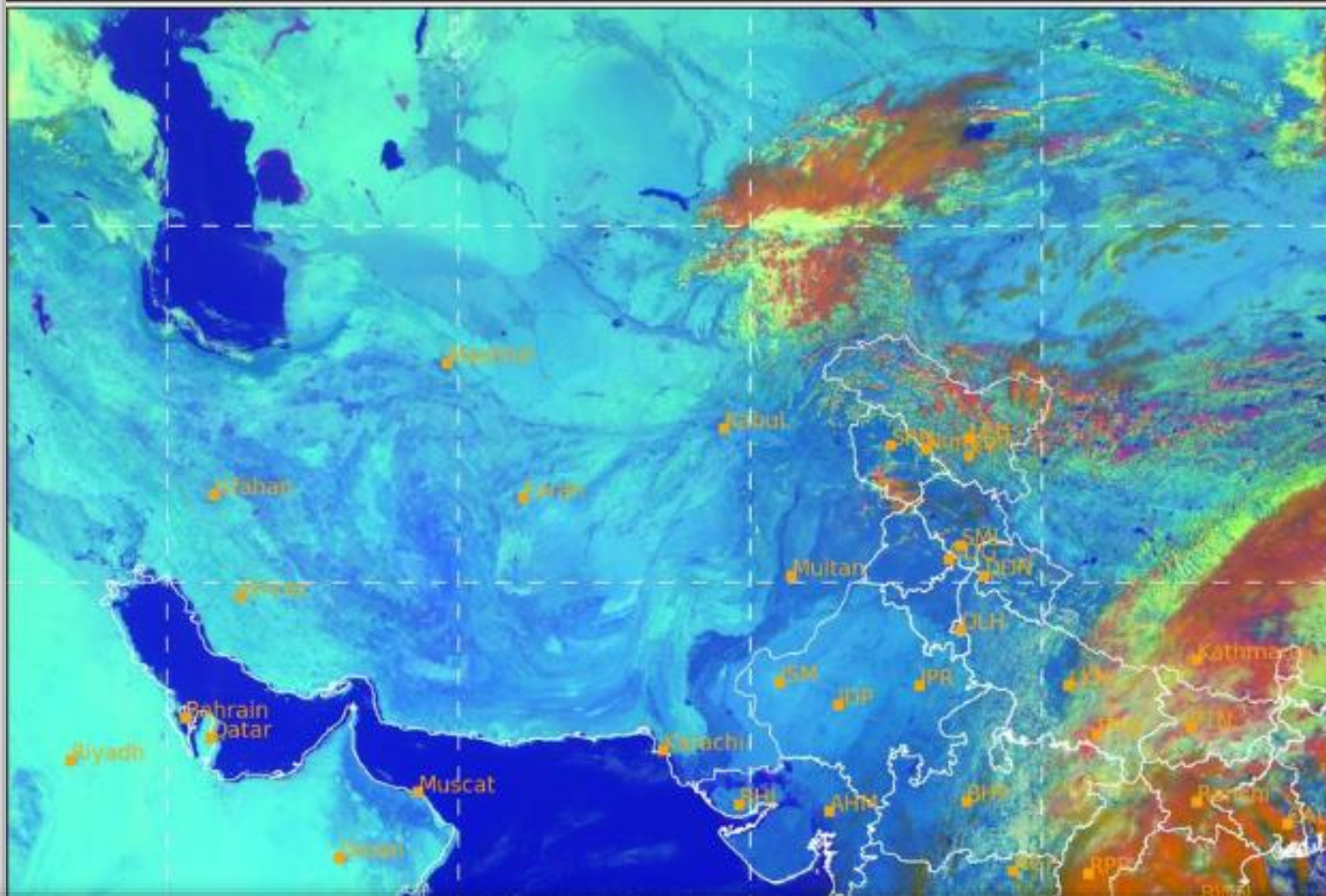
SAT : INSAT-3DR IMG

24-09-2026/(0615 to 0641) GMT

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

L1C Mercator

24-09-2026/(1145 to 1211) IST



0

100% 0

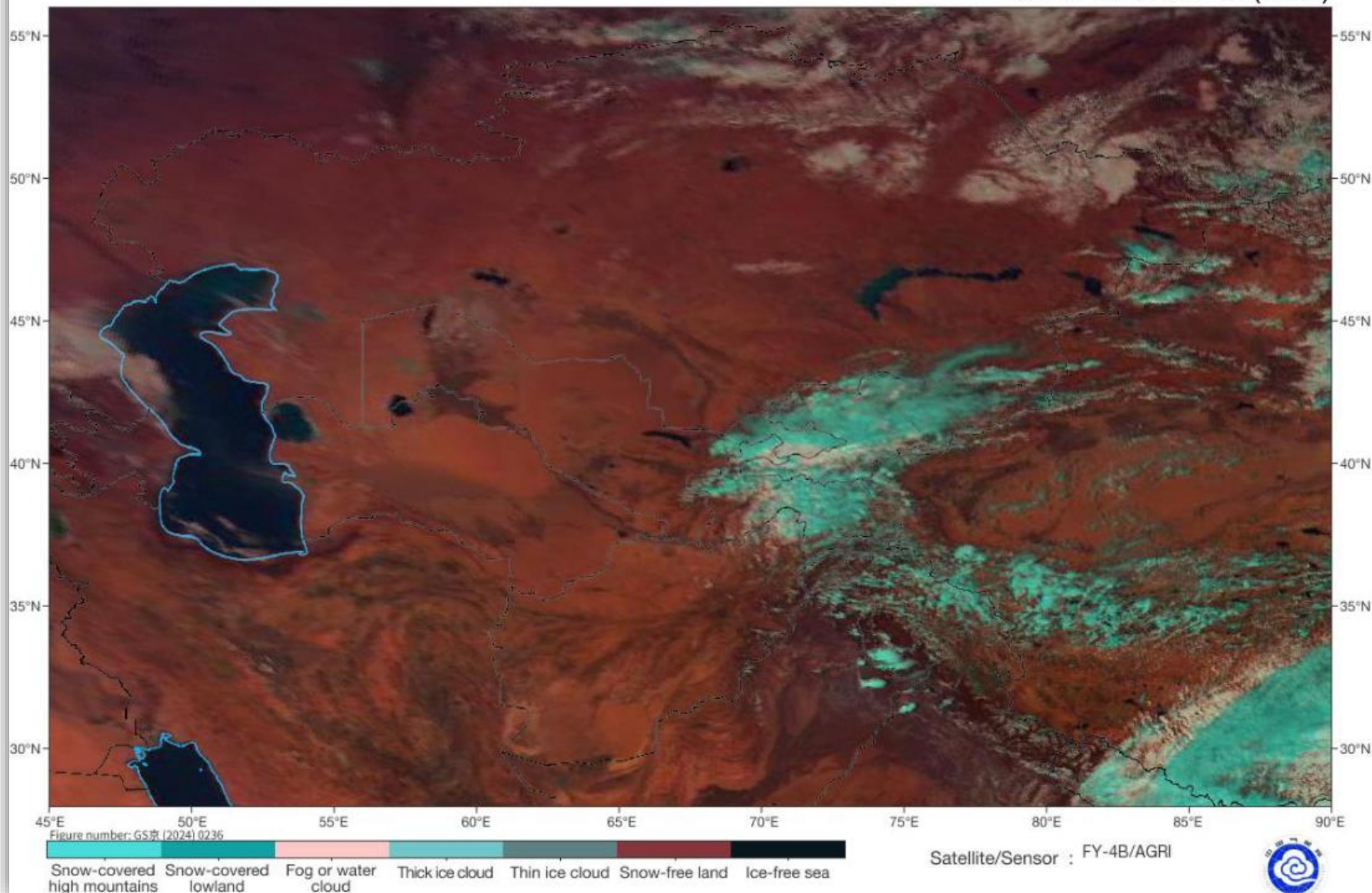
60% 203

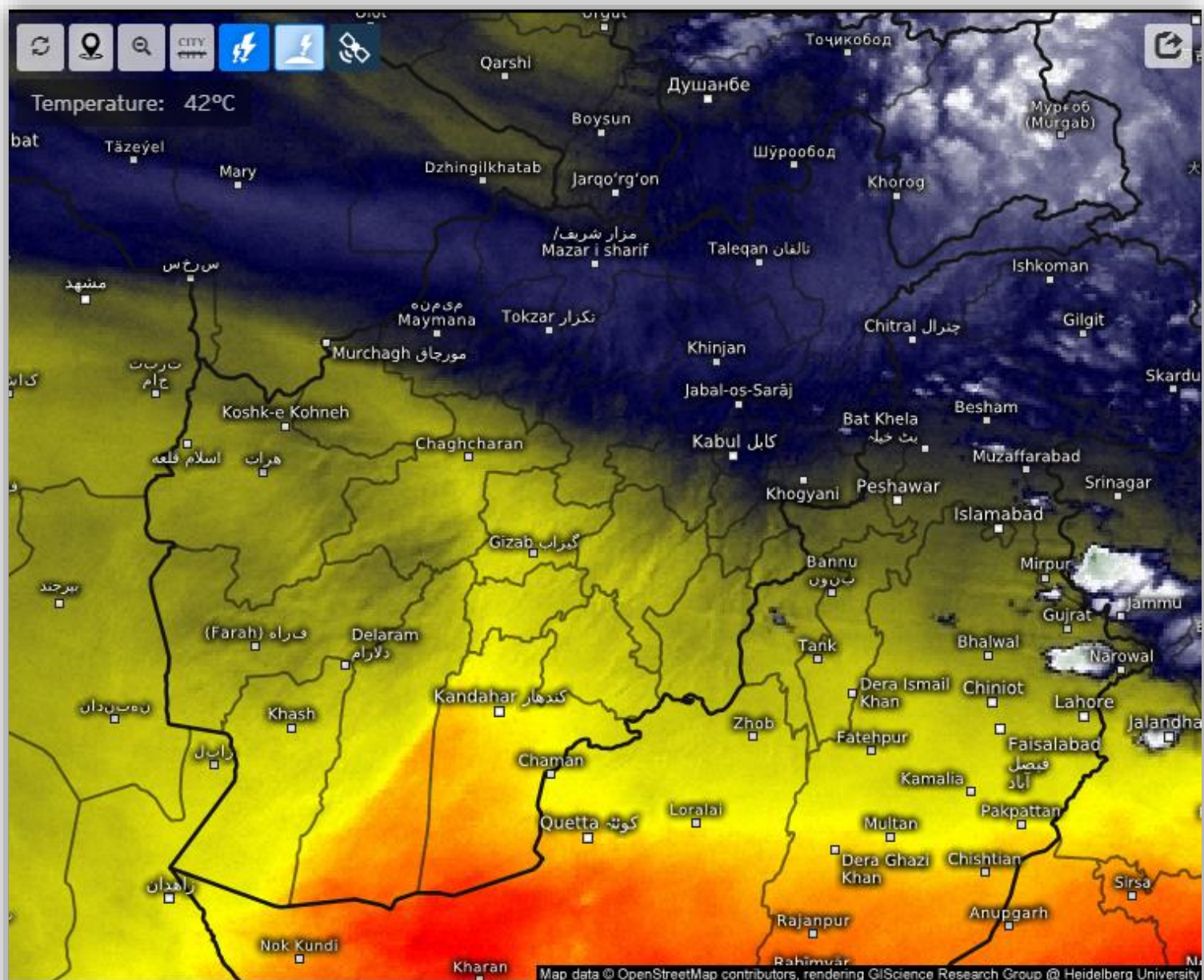
323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

Fog Identification

2026-09-24 07:15(UTC)





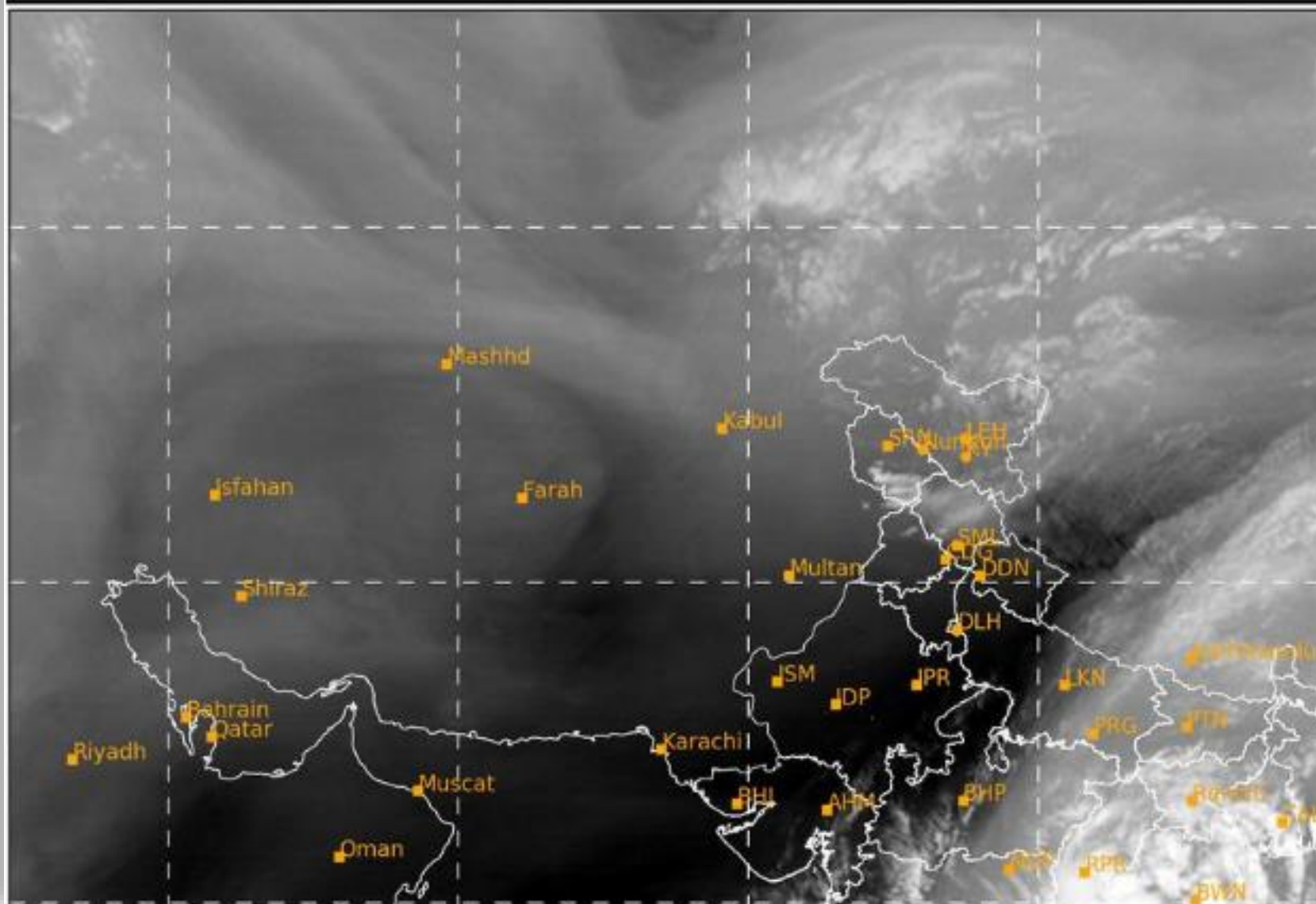
Satellite Water Vapor

Thu 09/24/2026, 11:45am GMT+0430



L1C Mercator

24-09-2026/(1145 to 1211) IST



L1C Mercator

24-09-2026/(1145 to 1211) IST

