



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



Daily reports of Satellite imagery analysis. Date & Time: 03-09-2026, 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	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	Dust storm

Details: according to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, northwestern and southwestern regions have weak warm air mass. The southern, western, northwestern and southwestern regions have weak dust storm. The eastern, northeastern and southeastern regions have cloudy sky. The all-regions have dry water vapor with the exception of eastern, northeastern, southeastern regions have weak 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: 2026-09-02 22:15

AirMass



Thick,
high-level cloud



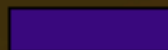
Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

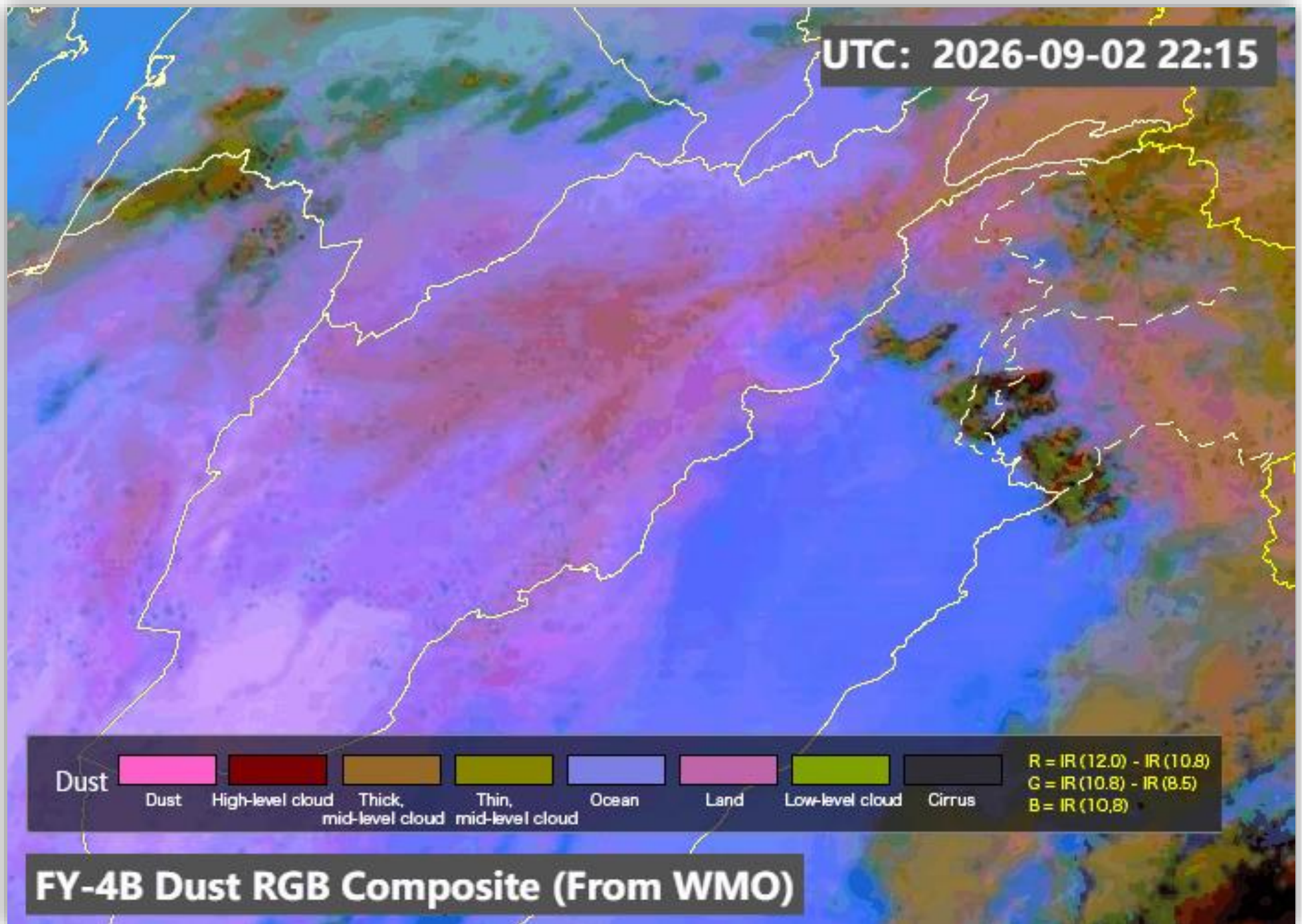
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

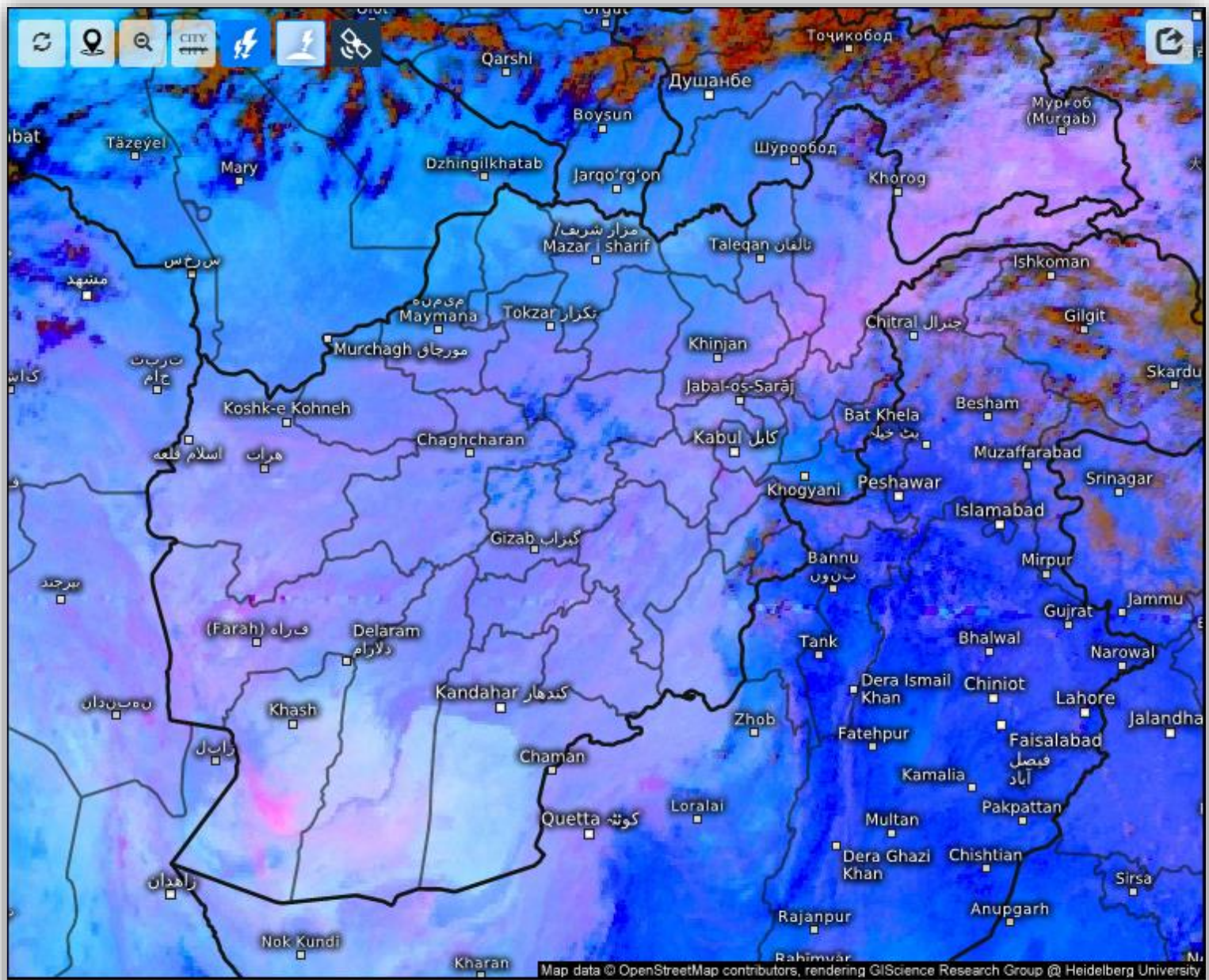
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-09-02 22:15

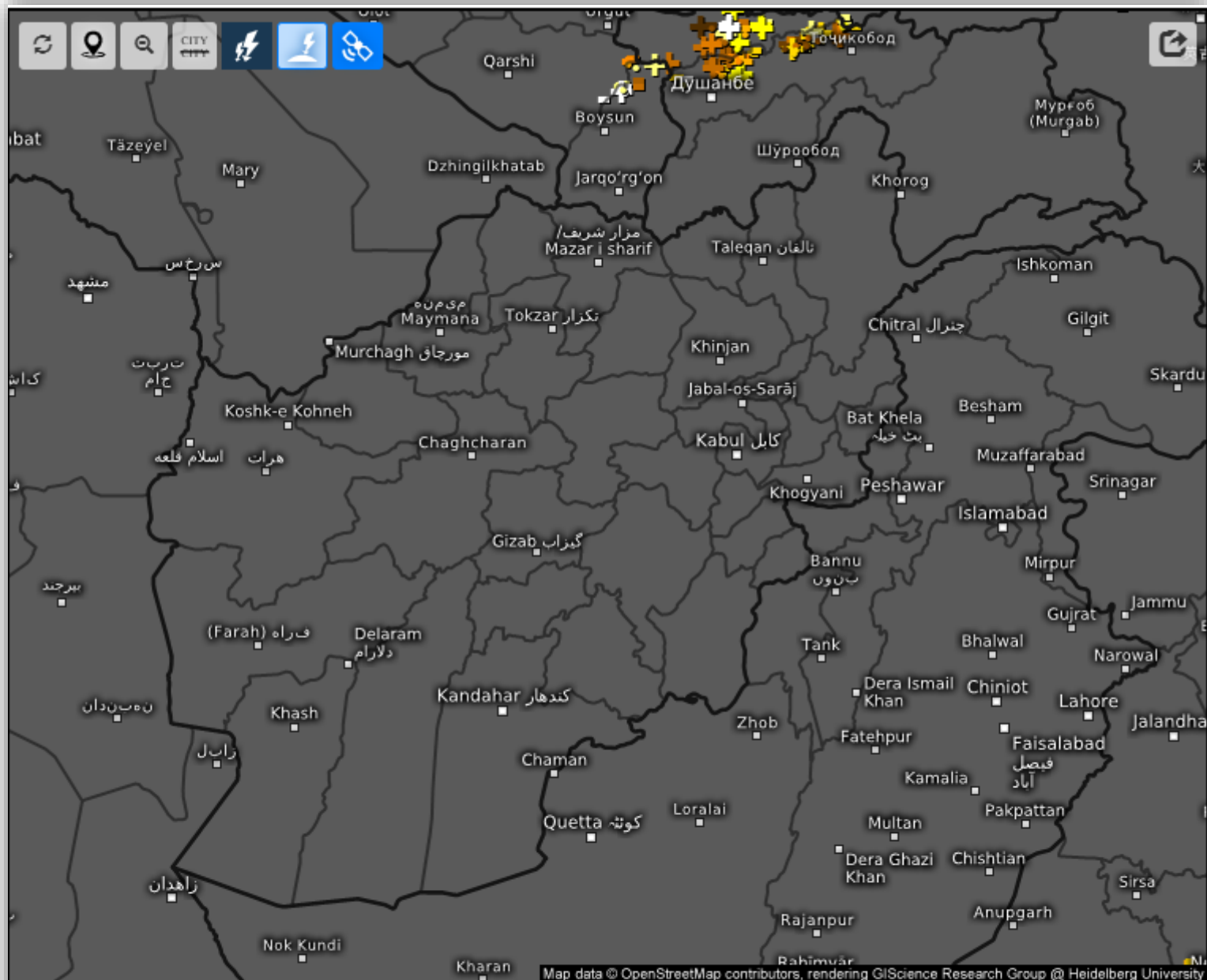


FY-4B Dust RGB Composite (From WMO)



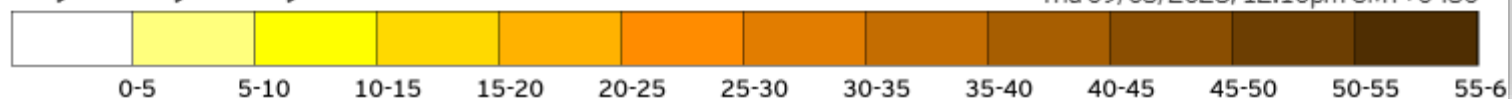
Satellite Dust 

Thu 09/03/2026, 11:45am GMT+0430



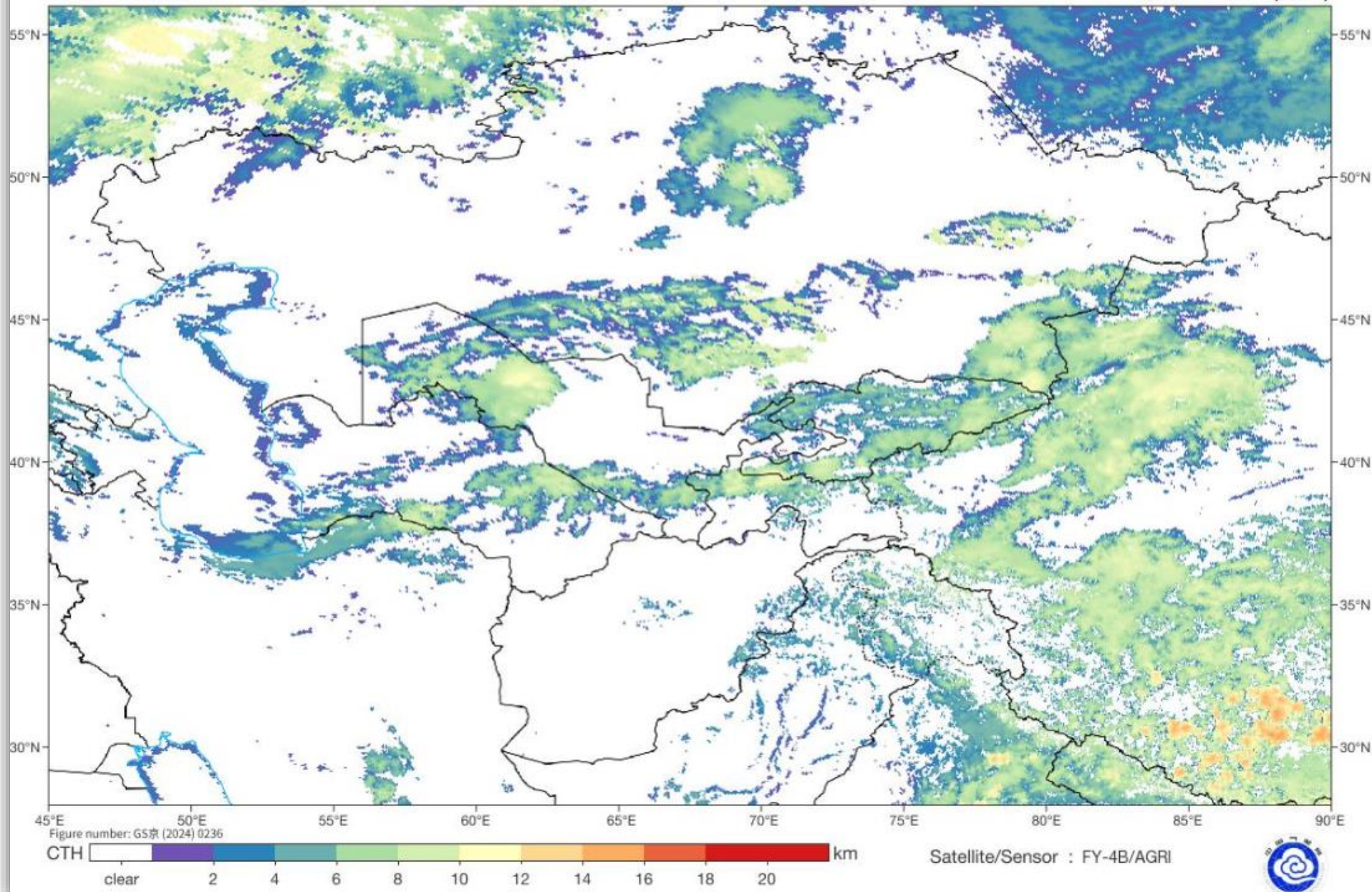
Age of lightning (minutes) 

Thu 09/03/2026, 12:10pm GMT+0430

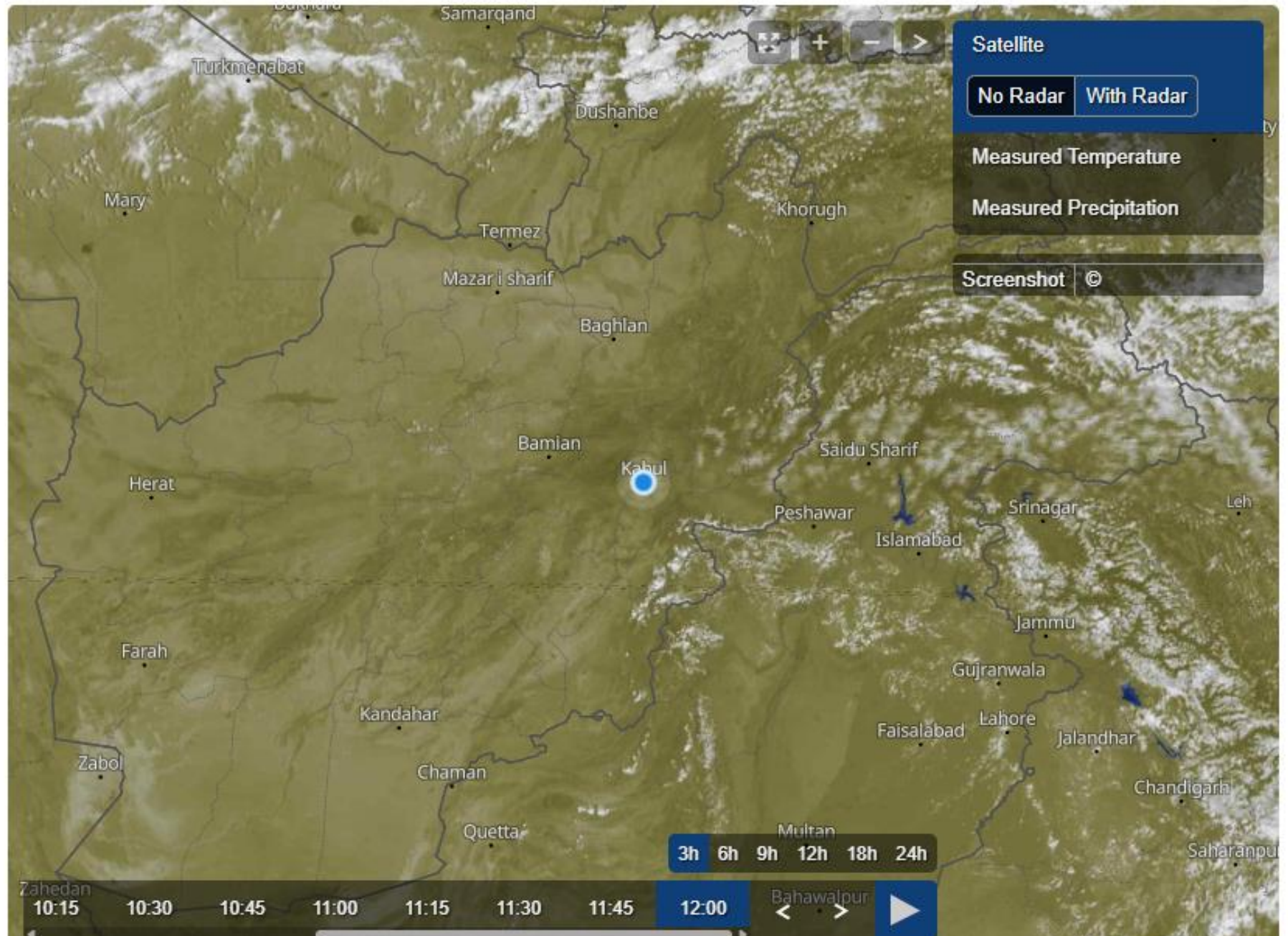


Cloud Top Height

2026-09-03 07:15(UTC)



Live satellite map, Afghanistan



03-09-2026/(0615 to 0642) GMT

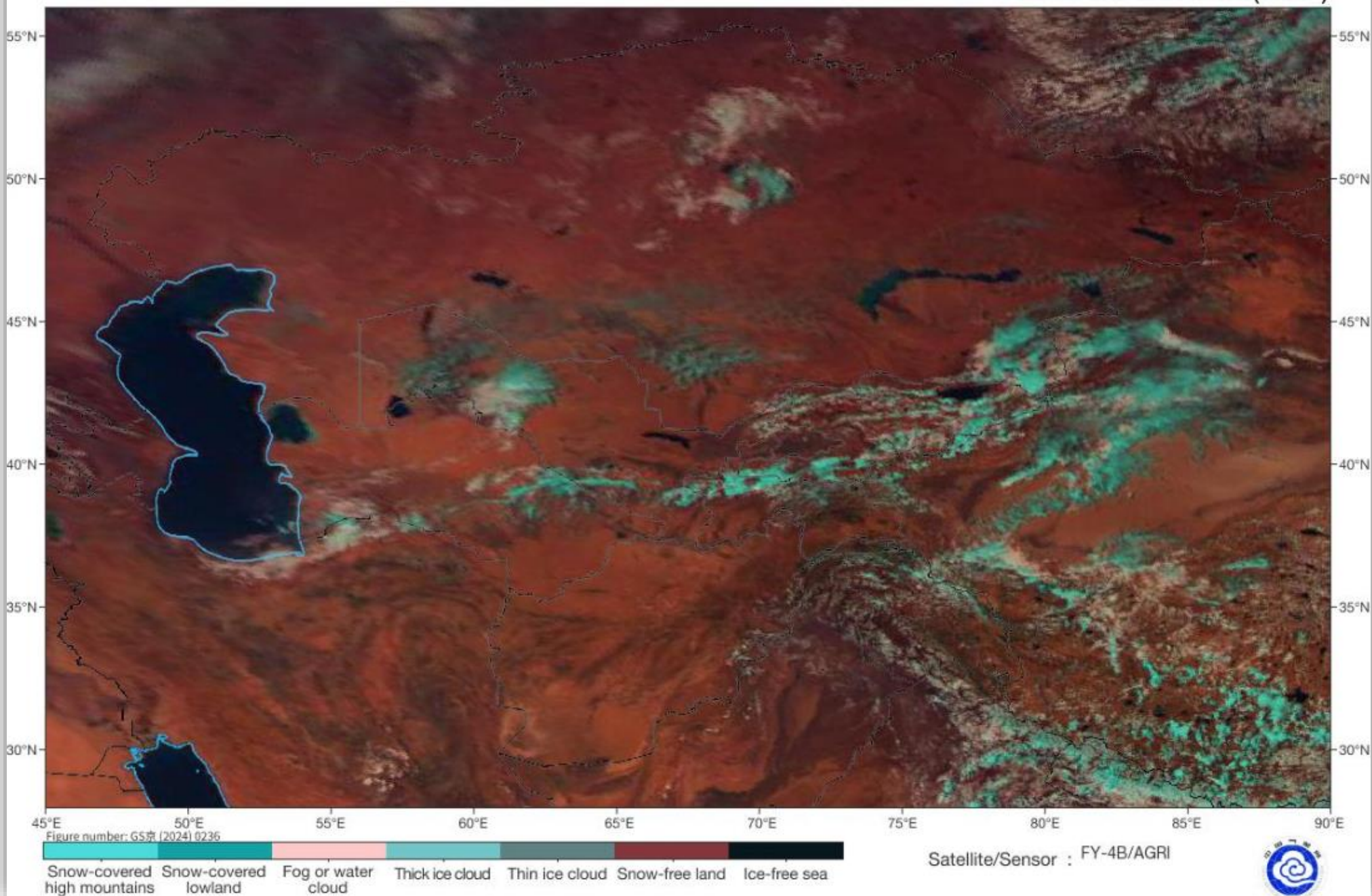
03-09-2026/(1145 to 1212) IST

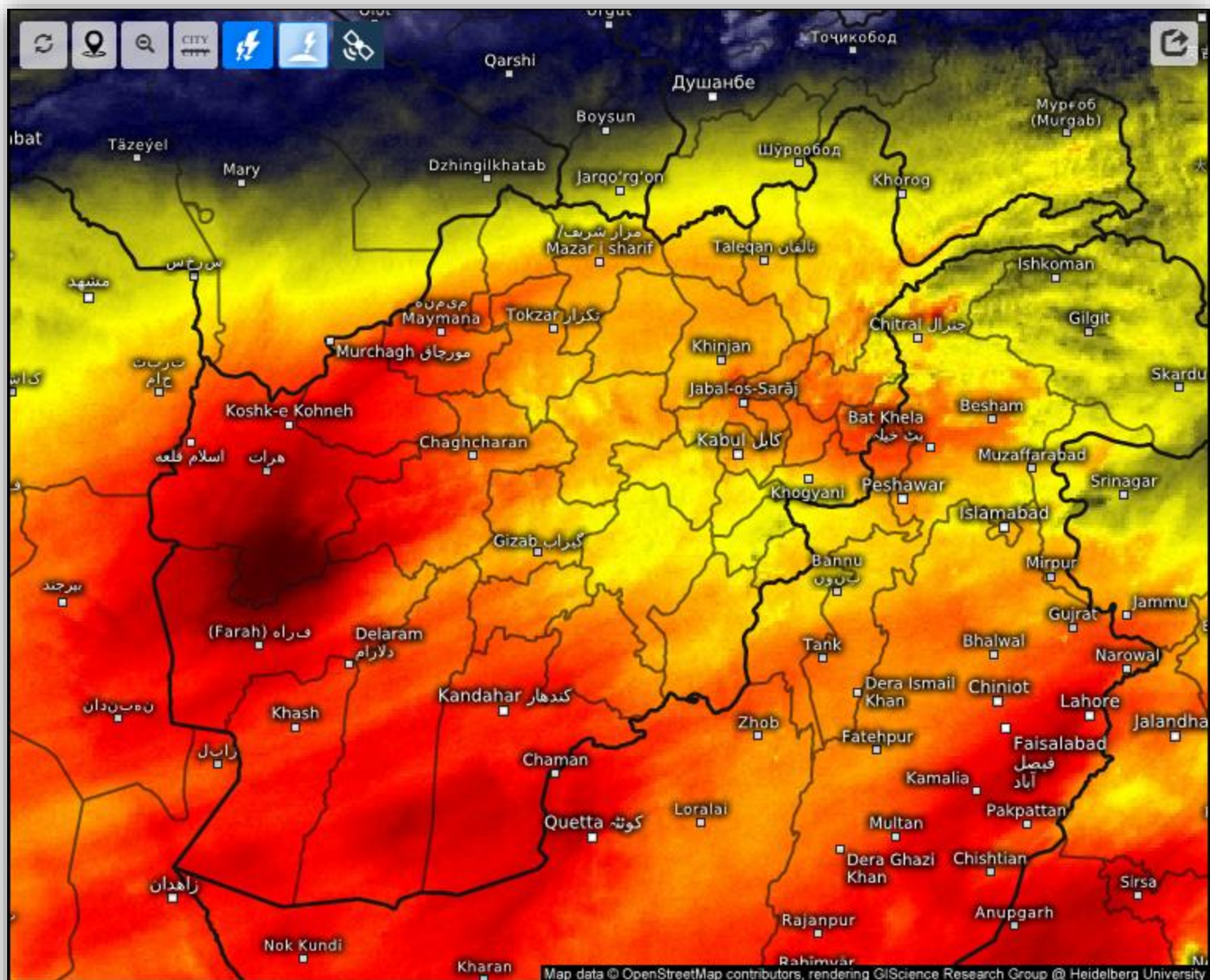
03-09-2026/(1145 to 1212) IST



Fog Identification

2026-09-03 07:30(UTC)





Satellite Water Vapor

Thu 09/03/2026, 11:45am GMT+0430



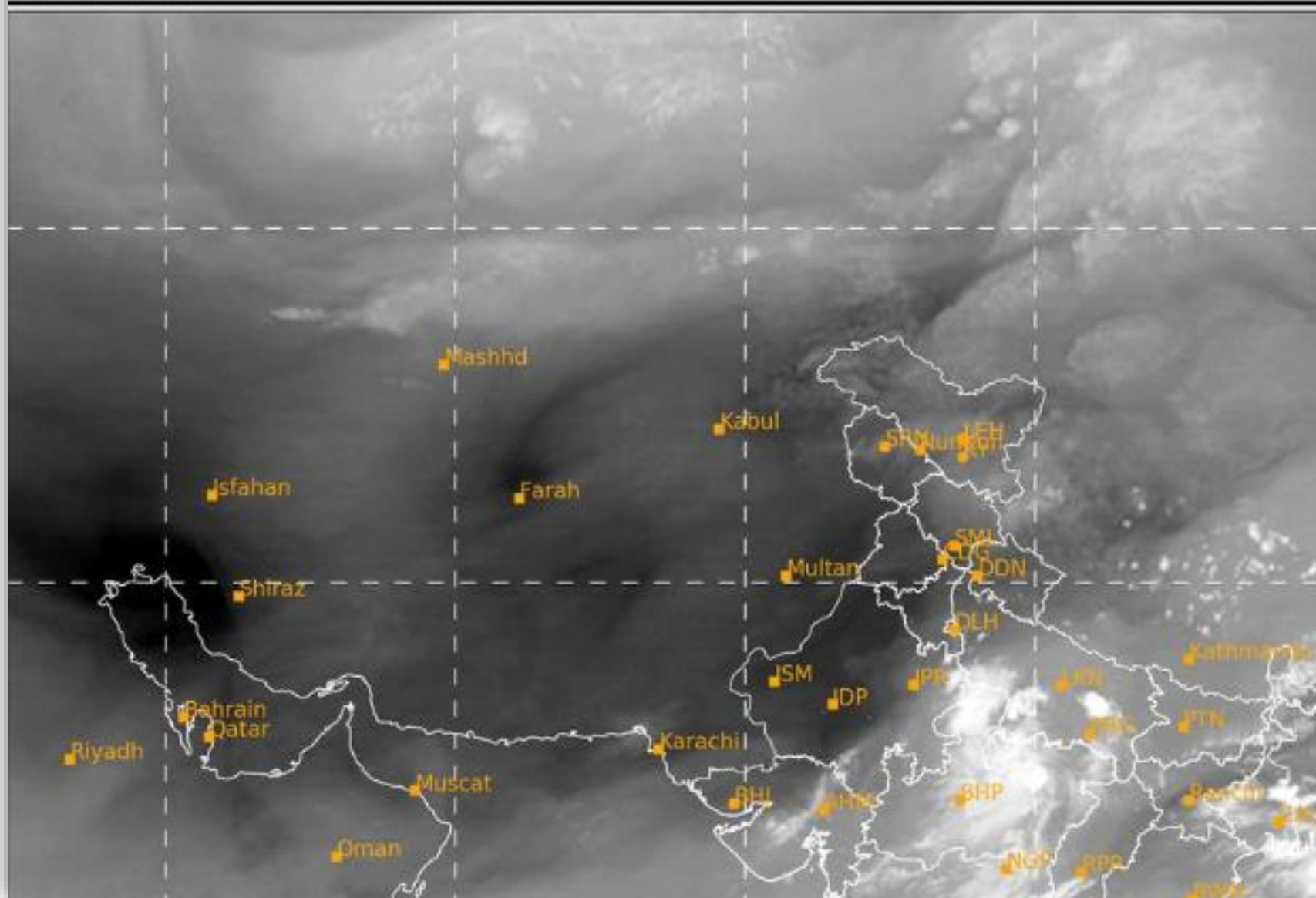
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

03-09-2026/(0615 to 0642) GMT

03-09-2026/(1145 to 1212) IST



SAT : INSAT-3DR IMG

IMG_TIR1 10.8 um

L1C Mercator

03-09-2026/(0615 to 0642) GMT

03-09-2026/(1145 to 1212) IST

