



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



Daily reports of Satellite imagery analysis. Date & Time: 12-09-2026, 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	✓	
2	South	✓	✓	X	X	X	✓	X	X	
3	West	✓	✓	X	X	X	✓	X	X	
4	East	✓	X	✓	✓	X	✓	X	X	
5	central	✓	X	X	✓	X	✓	X	X	
6	Northeast	✓	X	X	✓	X	✓	X	X	
7	Southeast	✓	✓	✓	✓	X	✓	X	X	Thunder storm
8	Northwest	✓	✓	X	X	X	✓	X	X	
9	Southwest	✓	✓	X	X	X	✓	X	✓	Dust storm

Details: according to satellite imagery analysis, the northern, southern, eastern, central, northeastern, southeastern, southwestern regions have weak warm air mass. The western, northwestern regions have cold air mass. The southern, western, southeastern, northwestern, southwestern regions have dust storm. The eastern, southeastern regions have thunder storm. The eastern, central, northeastern and southeastern regions have cloudy sky. The northern, central, northeastern regions have weak water vapor, the eastern, southeastern regions have moderate water vapor and the southern, southwestern regions have dry water vapor. The northern, and southwestern regions have Jetstream.

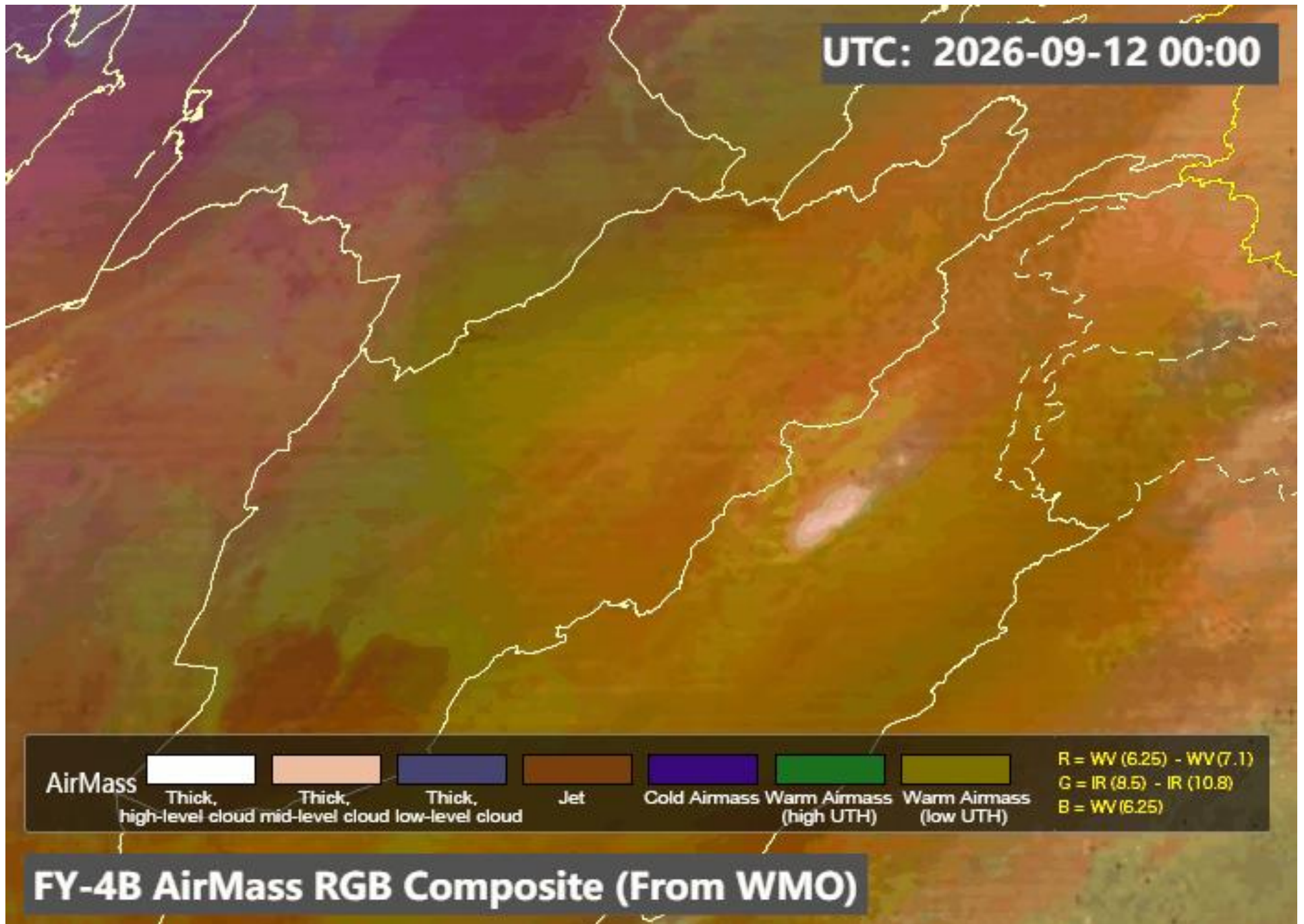
Not: ✓(existing phenomena) X (Not existing phenomena)

Reported by: Esmatullah Mohammadi

Legend:

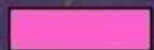
Dust		Water vapor		Air mass		Thunder storm	Cloud	Fog	Jet stream	Cyclone & Anticyclone	
Weak Dust	Dust storm	Weak	Dry	Moderate	Warm	Cold				Cyclon	Anticyclo

UTC: 2026-09-12 00:00



UTC: 2026-09-12 00:00

Dust



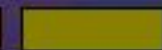
Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



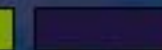
Ocean



Land



Low-level cloud



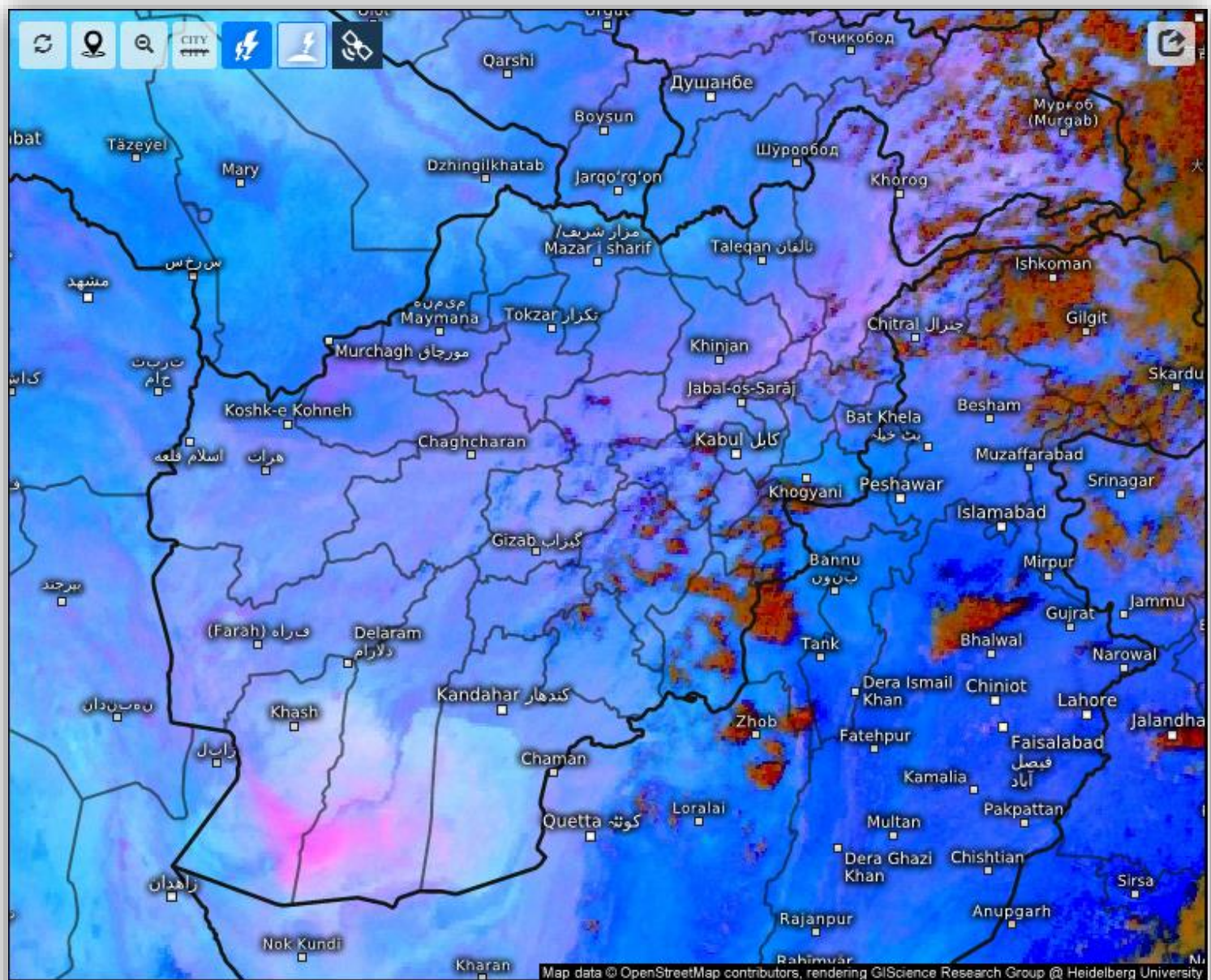
Cirrus

R = IR (12.0) - IR (10.8)

G = IR (10.8) - IR (8.5)

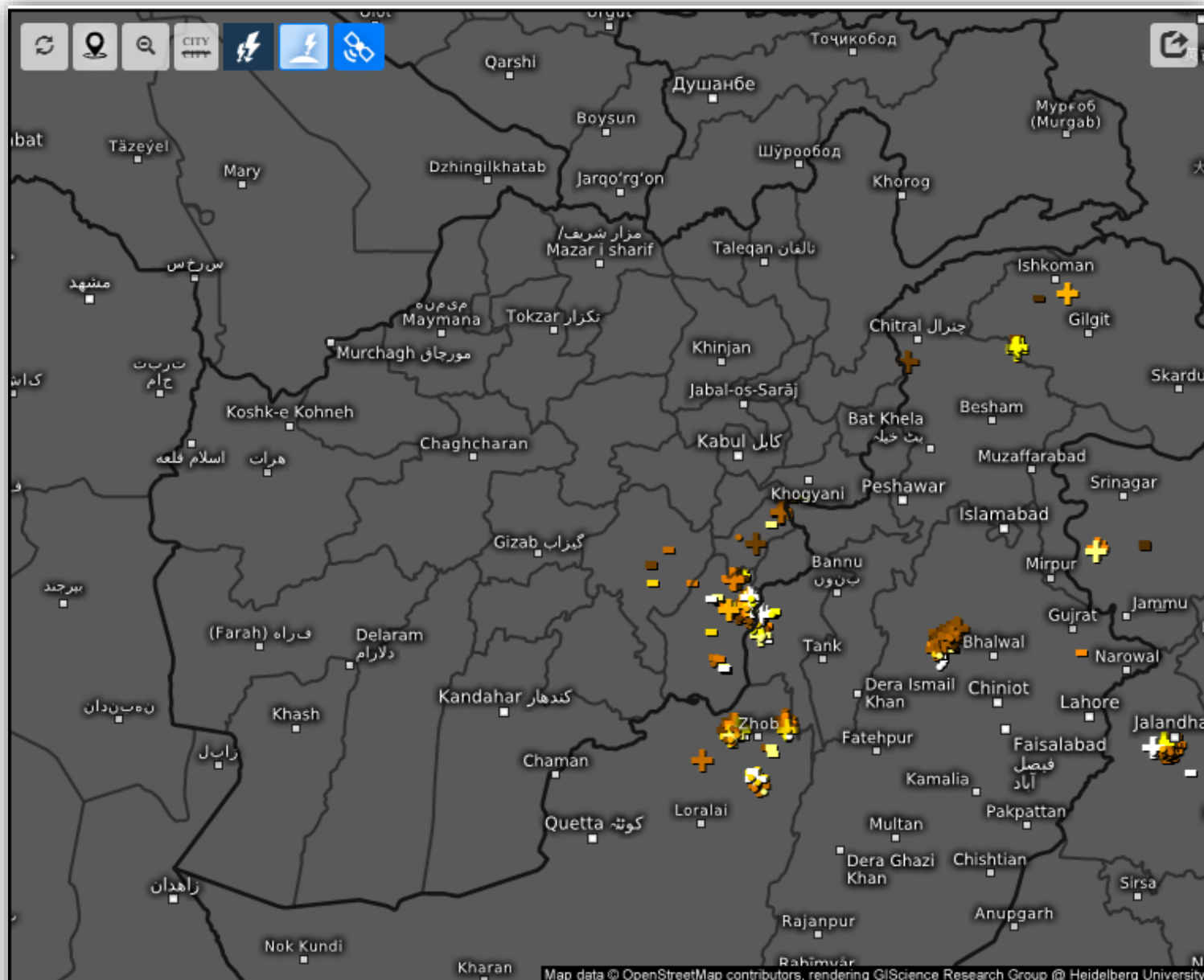
B = IR (10.8)

FY-4B Dust RGB Composite (From WMO)



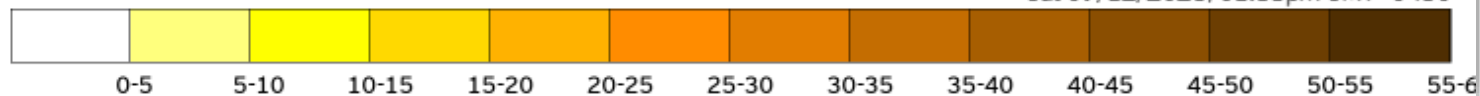
Satellite Dust 

Sat 09/12/2026, 01:30pm GMT+0430



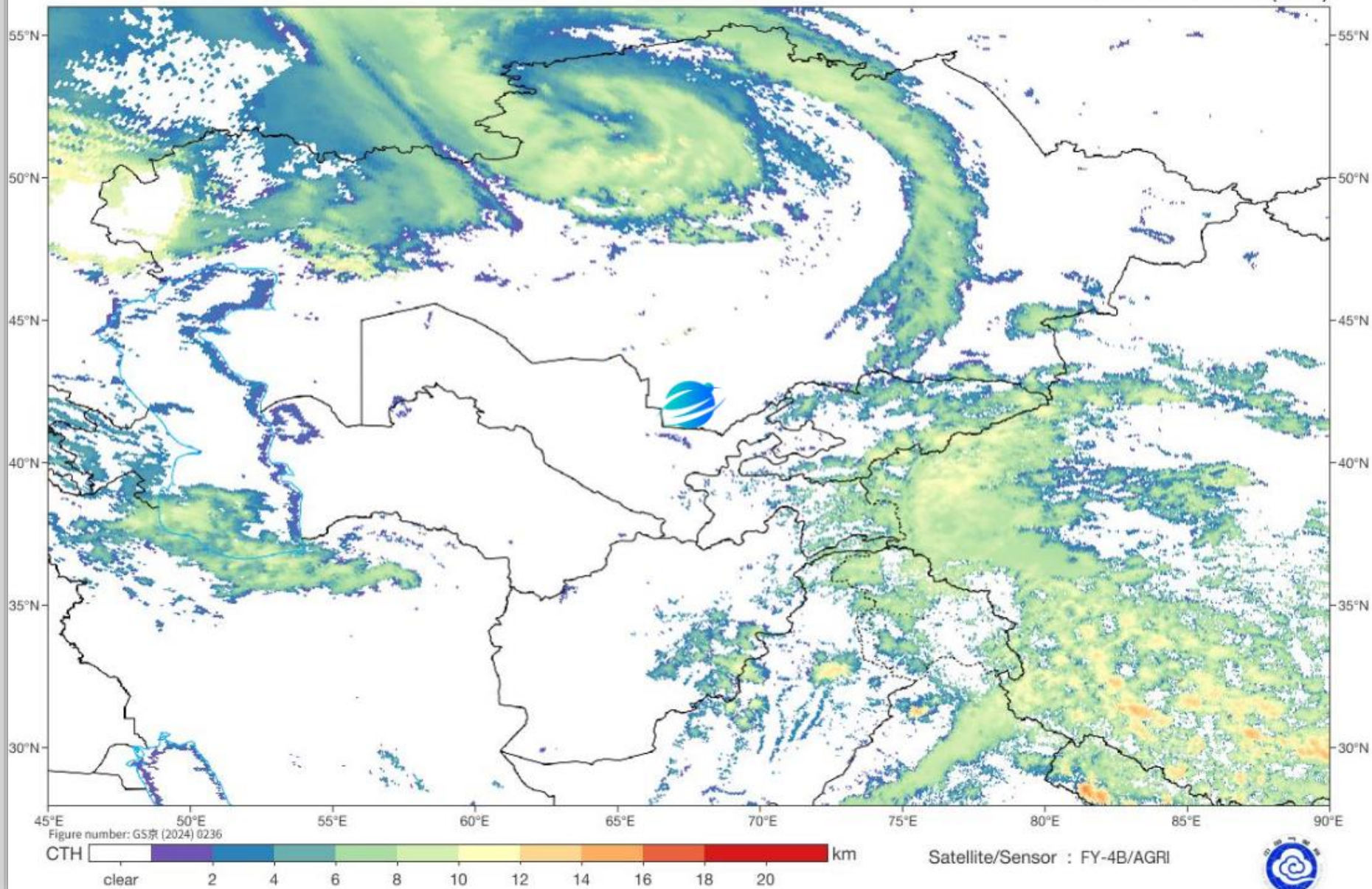
Age of lightning (minutes) 

Sat 09/12/2026, 01:55pm GMT+0430



Cloud Top Height

2026-09-12 08:45(UTC)



Live satellite map, Afghanistan



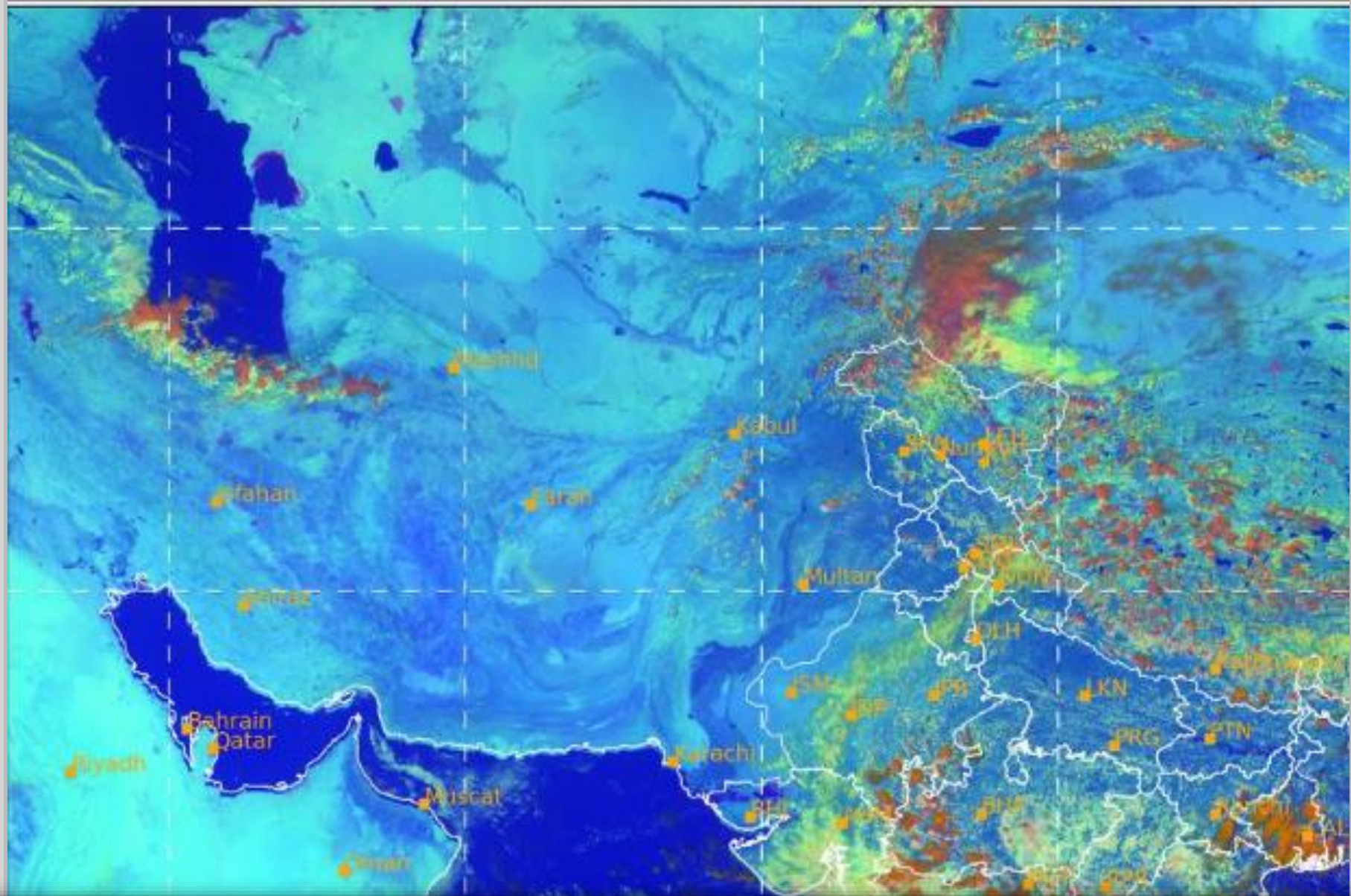
SAT : INSAT-3DR IMG

12-09-2026/(0715 to 0741) GMT

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

L1C Mercator

12-09-2026/(1245 to 1311) IST



0

100% 0

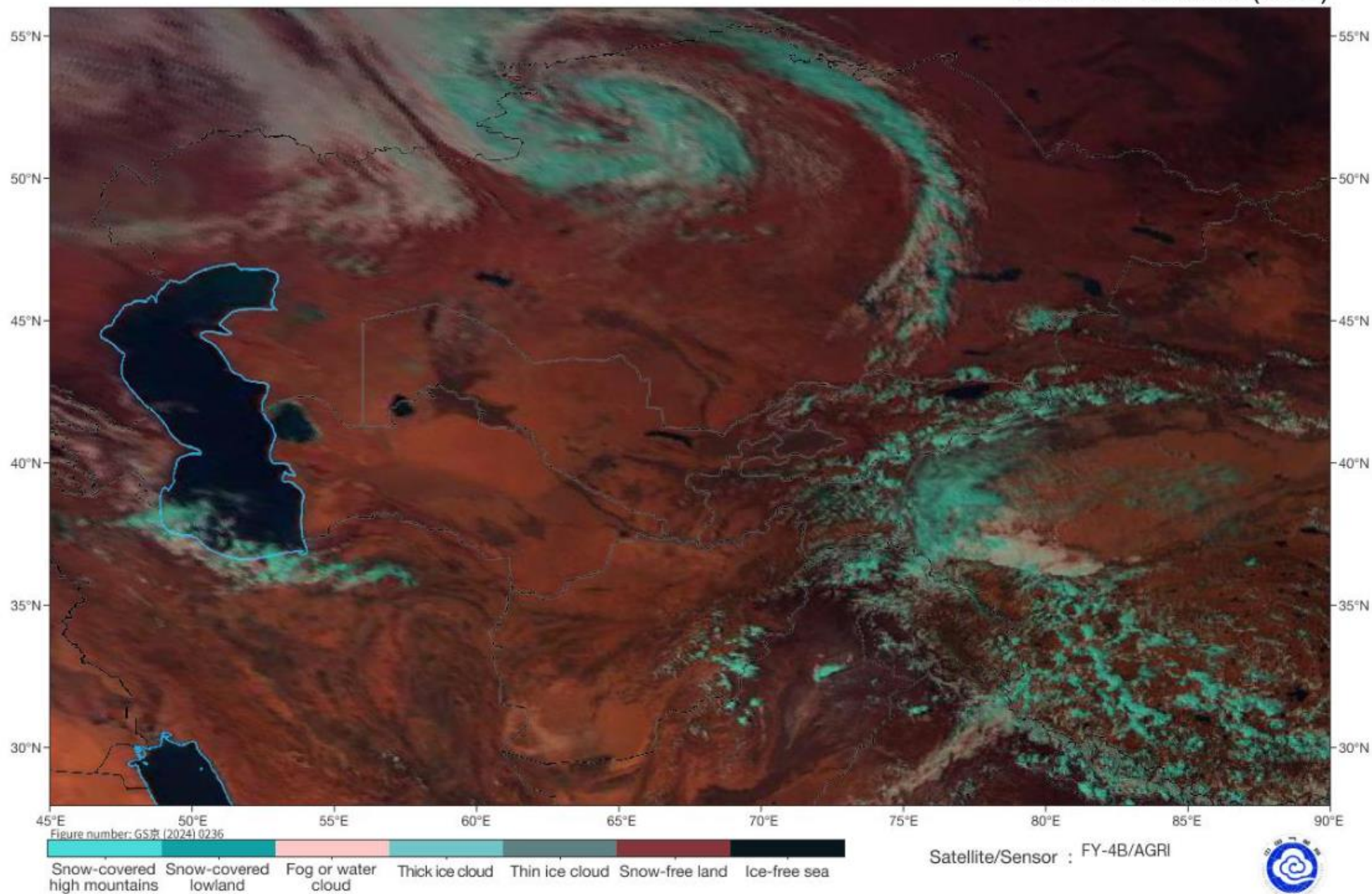
60% 203

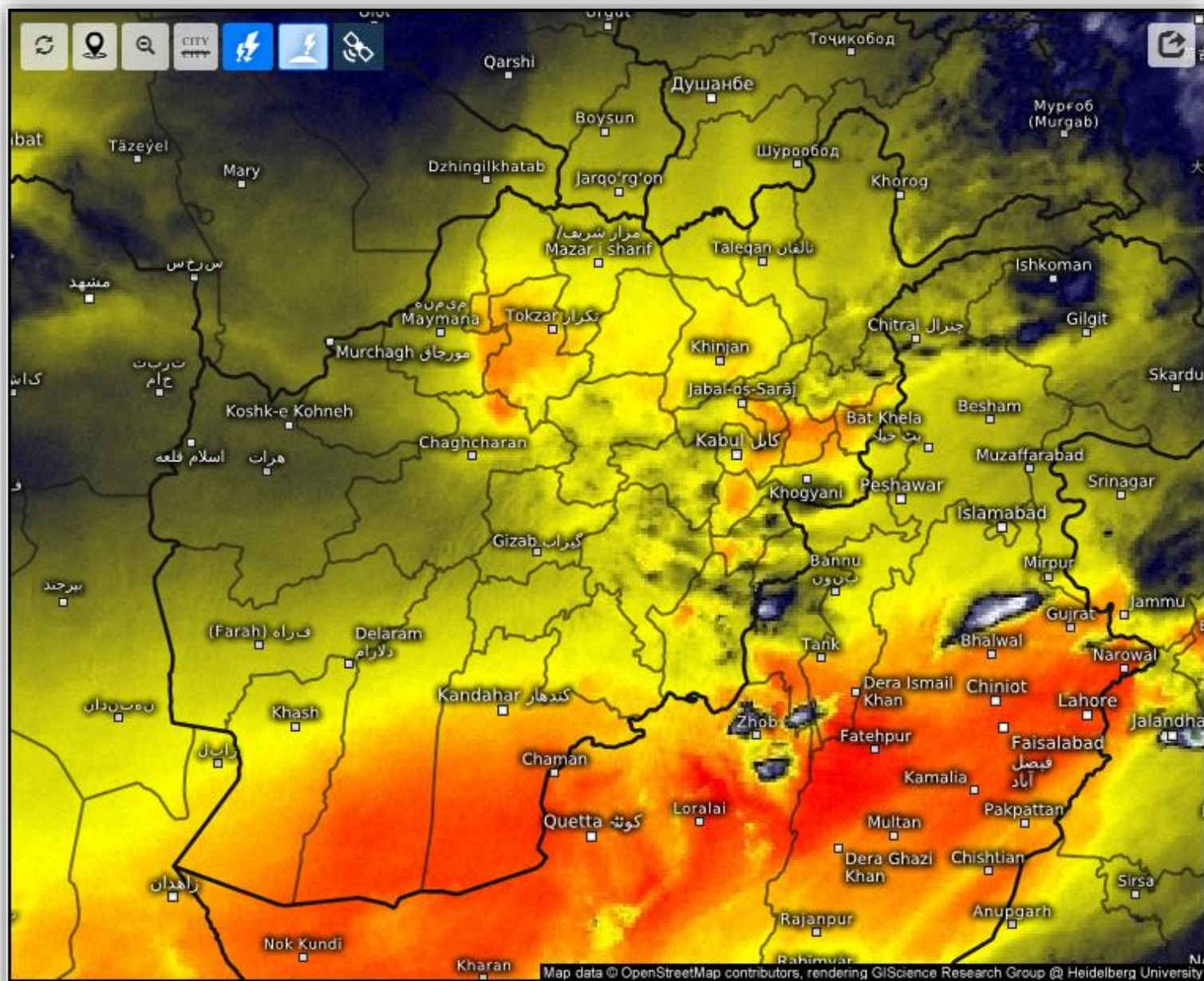
323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

Fog Identification

2026-09-12 08:45(UTC)





Satellite Water Vapor

Sat 09/12/2026, 01:30pm GMT+0430



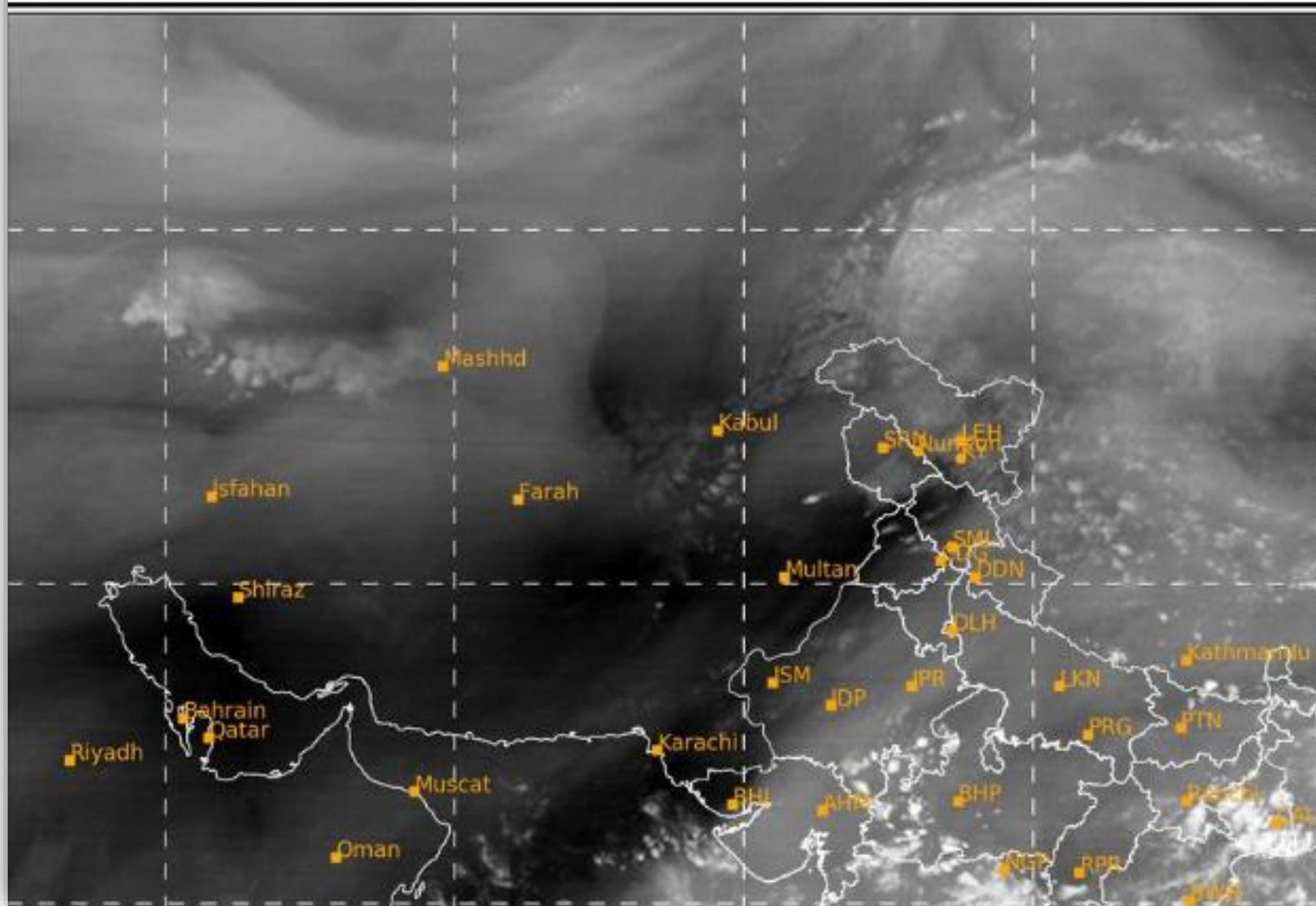
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

12-09-2026/(0715 to 0741) GMT

12-09-2026/(1245 to 1311) IST



SAT : INSAT-3DR IMG

IMG_TIR1 10.8 um

L1C Mercator

12-09-2026/(0715 to 0741) GMT

12-09-2026/(1245 to 1311) IST

