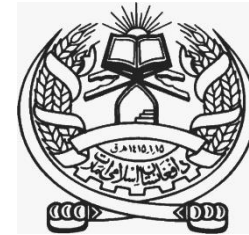




Islamic Emirate of Afghanistan
Ministry of Transport & Aviation
Afghanistan meteorological Department
Forecast Division
Satellite General Management



Daily reports of Satellite imagery analysis. Date & Time: 27/09/2025, 00:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	X	X	√ weak	X	X	
2	South	X	X	X	X	X	√ weak	X	X	
3	West	✓	✓	X	X	X	√ weak	X	X	
4	East	✓	X	X	X	X	√ weak	X	X	
5	central	✓	X	X	X	X	√ weak	X	X	
6	Northeast	✓	X	X	✓	X	√ weak	X	X	
7	Southeast	X	X	X	X	X	√ weak	X	X	
8	Northwest	✓	X	X	X	X	√ weak	X	X	
9	Southwest	X	X	X	X	X	√ weak	X	X	

- **Details:** According to satellite imagery analysis, the northern, western, eastern, central, northeastern, northwestern, areas have warm air mass (Low UTH). The northern, western, areas have dust. The northeastern areas have cloudy sky. The all region have weak water vapor.

Note: X (Not existing phenomena), √ (exist phenomena)

- Reported by: Esmatullah Mohammadi

UTC : 2025-09-26 13:45

AirMass

Thick,
high-level cloud

Thick,
mid-level cloud

Thick,
low-level cloud

Jet

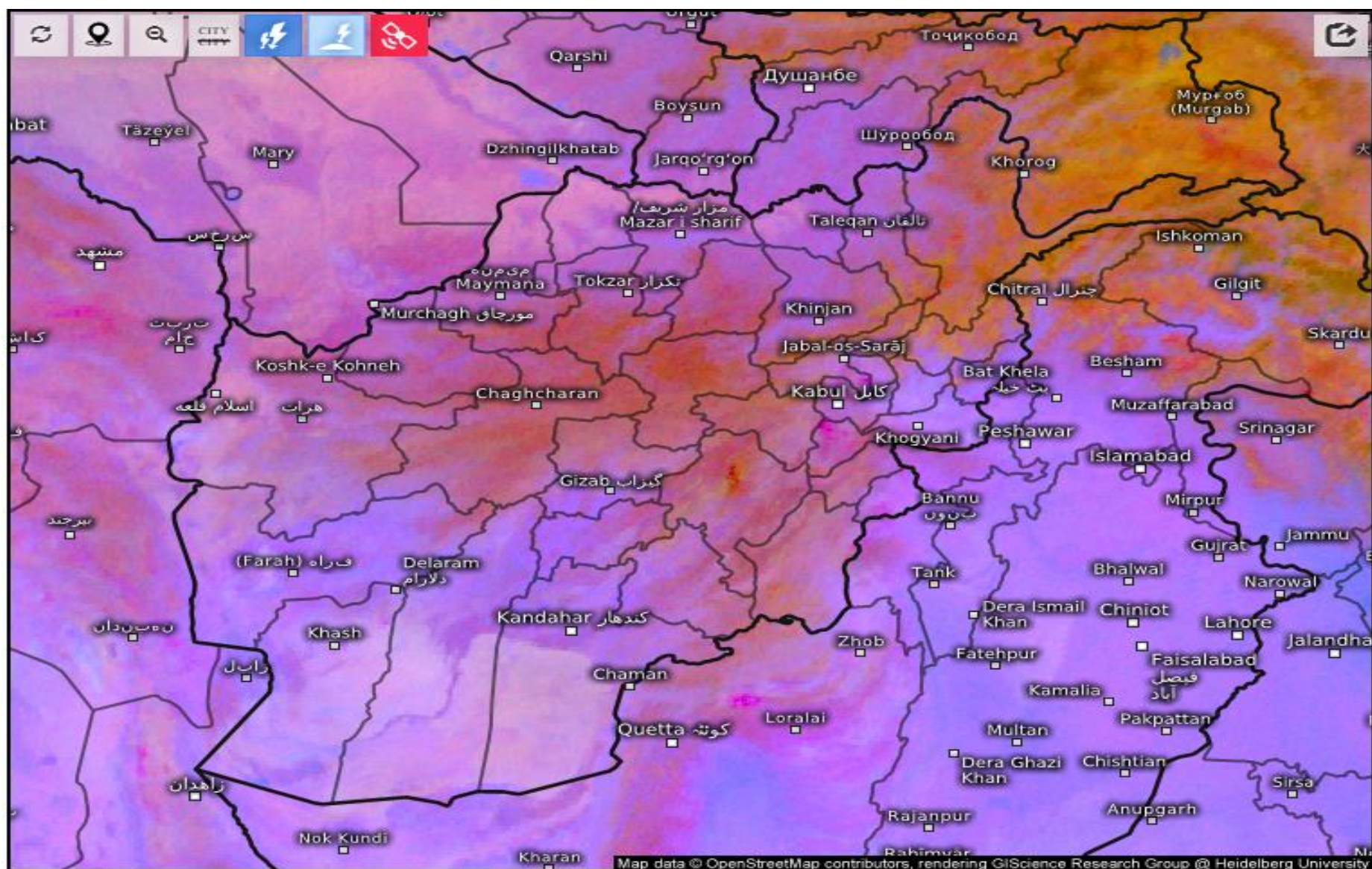
Cold Airmass

Warm Airmass
(high UTH)

Warm
(low

FY-4B AirMass RGB Composite (From WN





Satellite Dust 

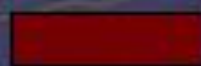
Sat 09/27/2025, 04:00am GMT+0430

UTC : 2025-09-26 14:00

Dust



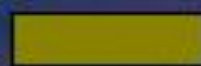
Dust



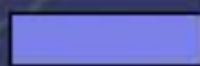
High-level cloud



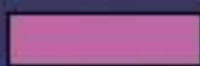
Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



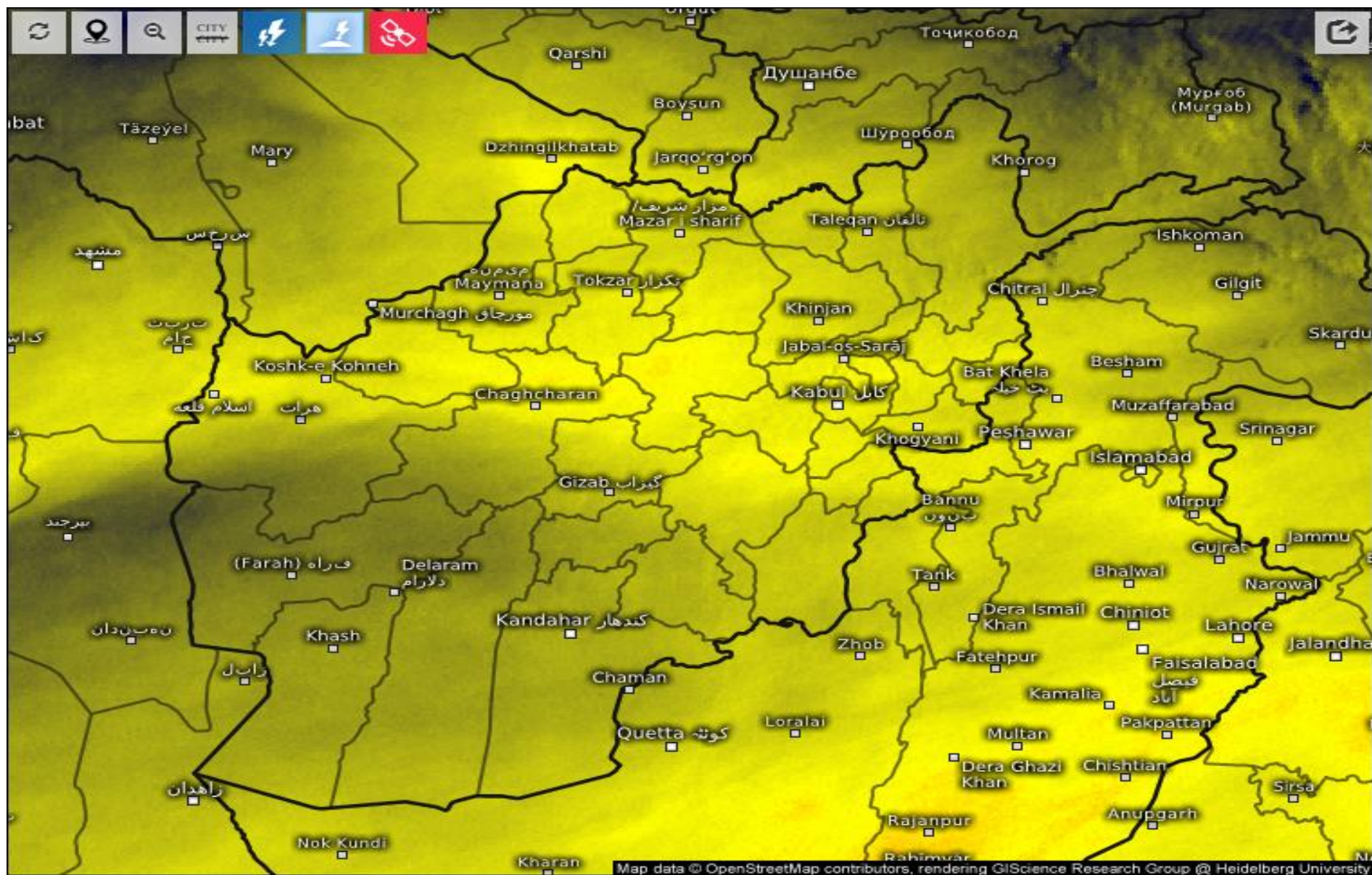
Low-level cloud



Cirrus

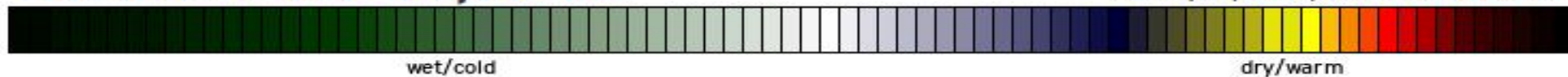
FY-4B Dust RGB Composite (From WMO)





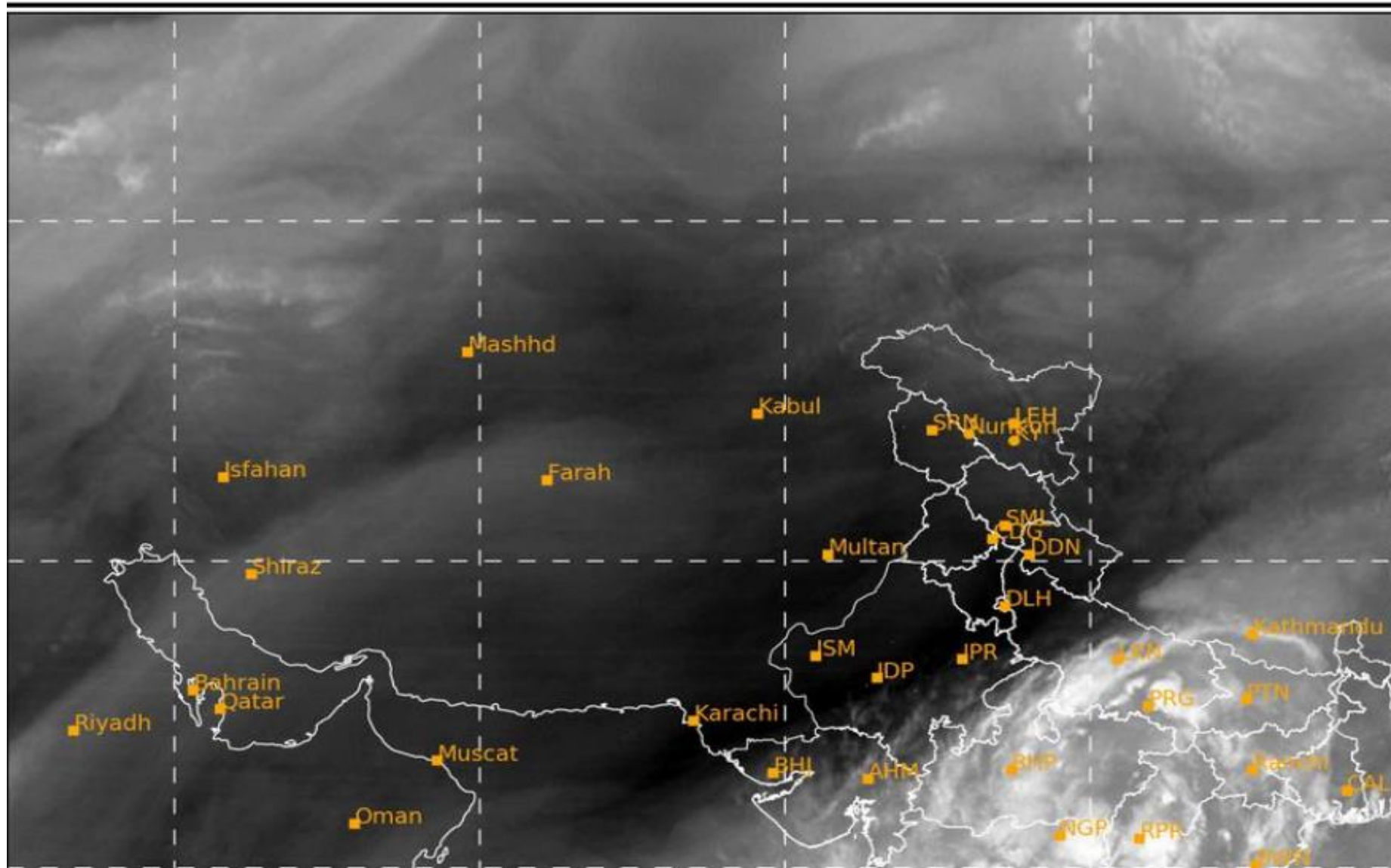
Satellite Water Vapor

Sat 09/27/2025, 04:00am GMT+0430



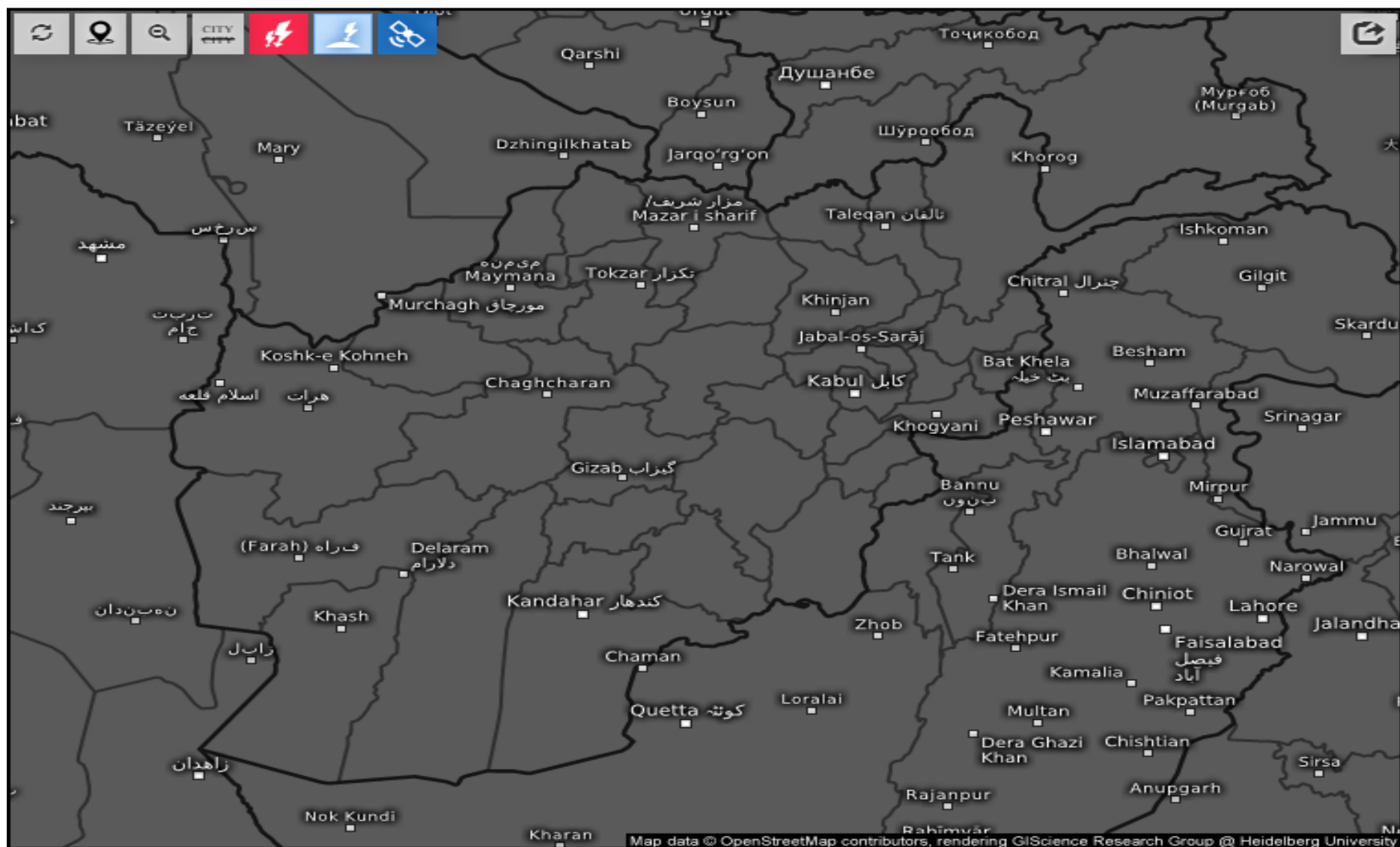
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

26-09-2025/(2245 to 2312) GMT
27-09-2025/(0415 to 0442) IST



27-09-2025/0415 to 0442) ISF





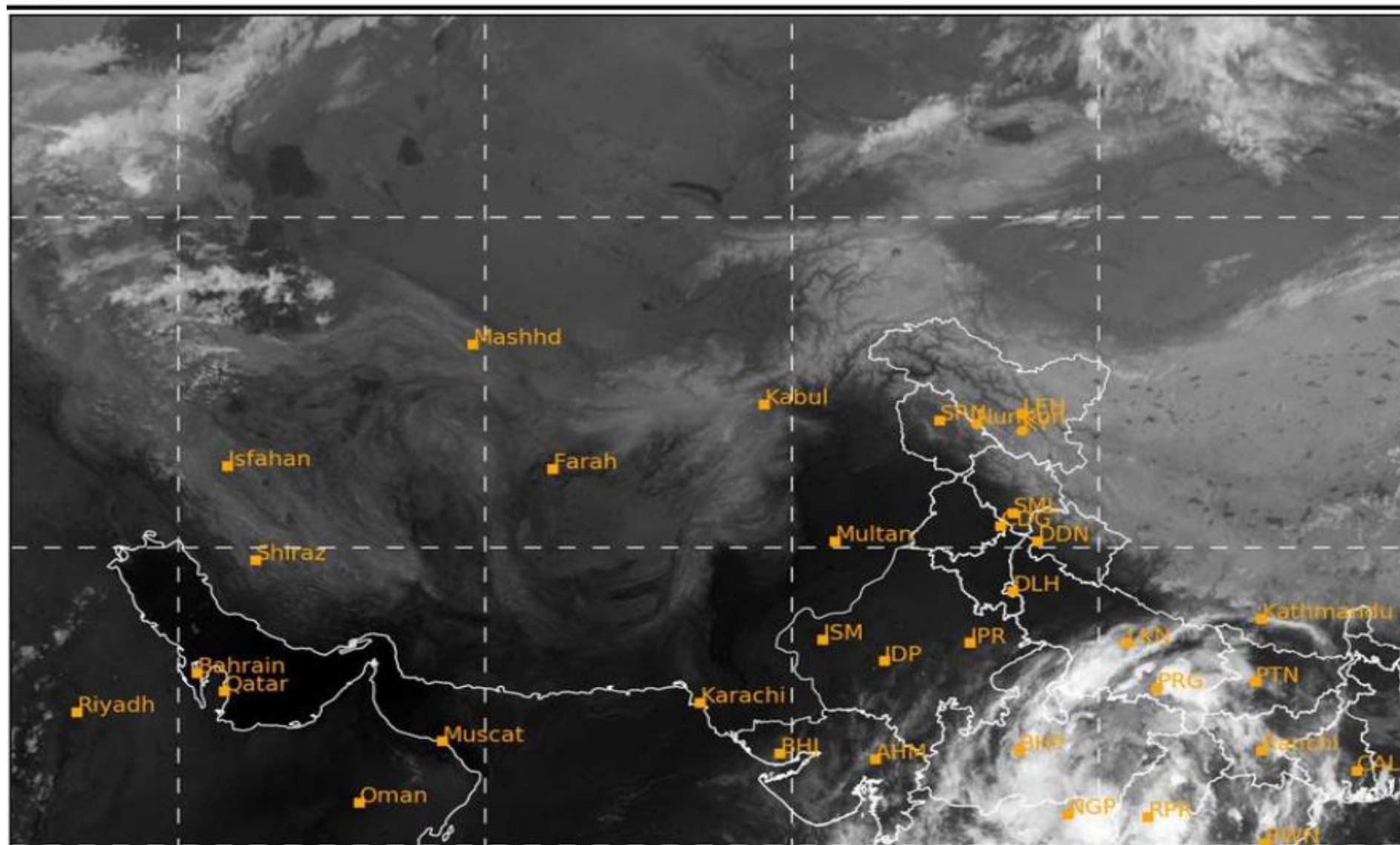
Age of lightning (minutes) 

Sat 09/27/2025, 04:10am GMT+0430



SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

26-09-2025/(2245 to 2312) GMT
27-09-2025/(0415 to 0442) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-09-26 23:15(UTC)

