



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



Satellite General Management

Daily reports of Satellite imagery analysis. Date & Time: 25/09/2025, 00:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	✓	X	√ weak	X	X	
2	South	X	X	X	✓	X	√ weak	X	X	
3	West	✓	✓	X	X	X	√ dry	X	X	
4	East	✓	X	X	✓	X	√ weak	X	X	
5	central	✓	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	√ dry	X	X	
9	Southwest	X	X	X	✓	X	√ dry	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 northern, southern, eastern central, northeastern northwestern and southwestern areas have cloudy sky. The all region have weak water vapor with the exception of western, northwestern and southwestern areas are dry.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-09-24 13:15

AirMass



Thick,

high-level cloud



Thick,

mid-level cloud



Thick,

low-level cloud



Jet

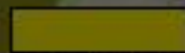


Cold Airmass



Warm Airmass

(high UTH)

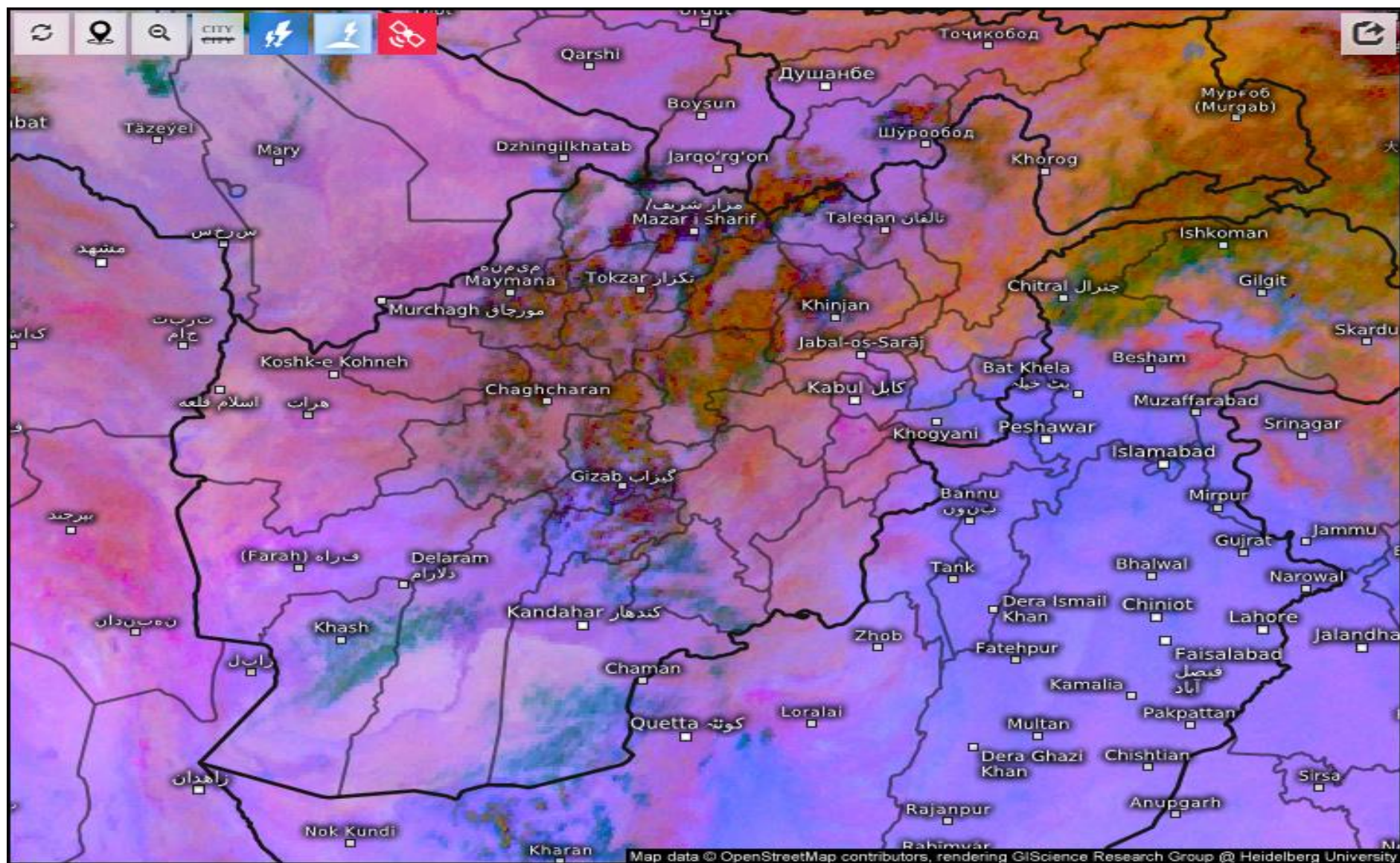


Warm Airmass

(low UTH)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust 

Thu 09/25/2025, 04:00am GMT+0430

UTC : 2025-09-24 12:45

Dust



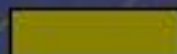
Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



Low-level cloud

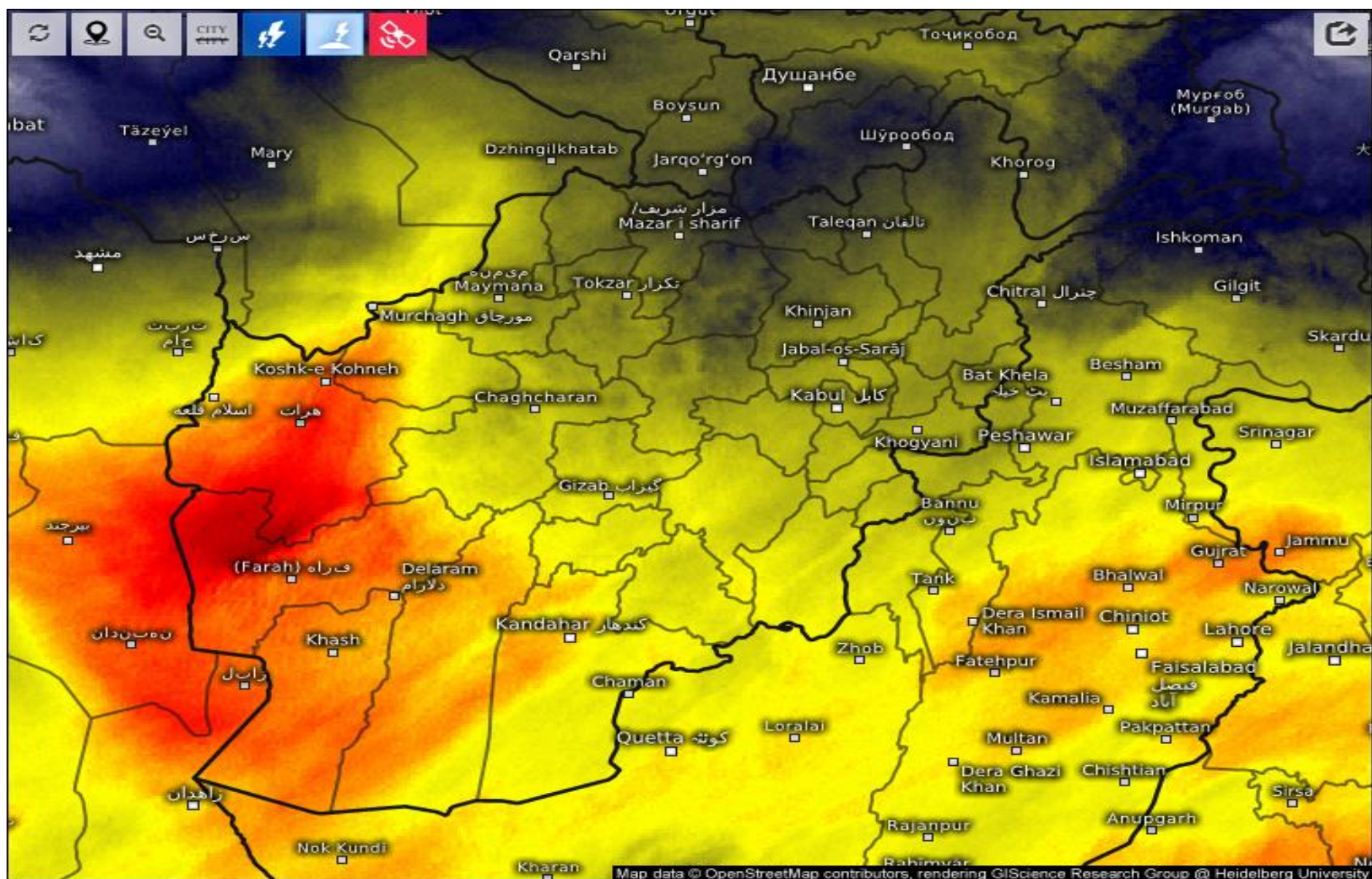


Cirrus

R=
G=
B=

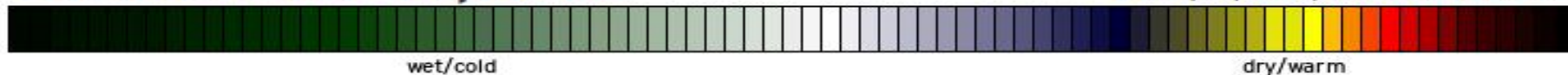
FY-4B Dust RGB Composite (From WMO)





Satellite Water Vapor

Thu 09/25/2025, 04:00am GMT+0430



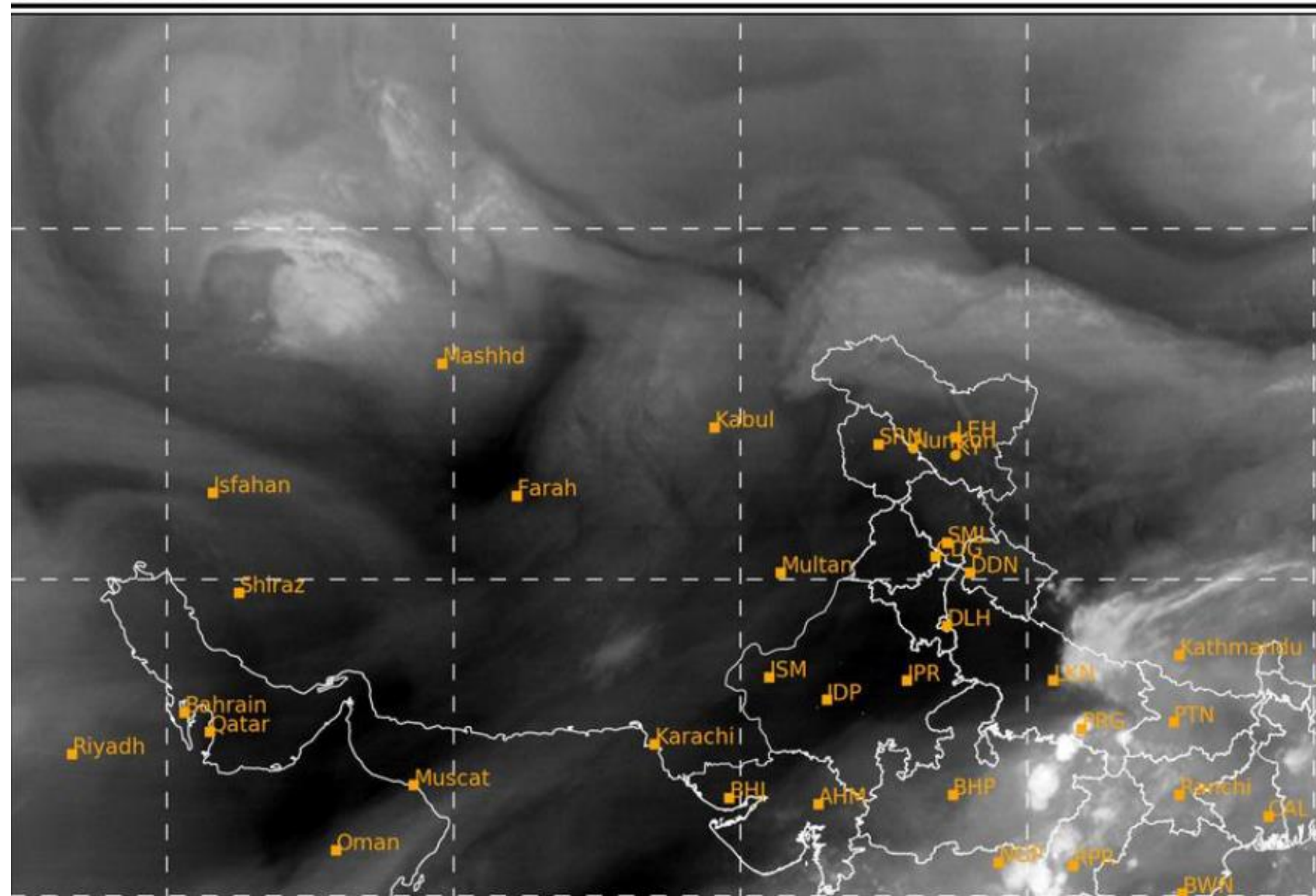
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

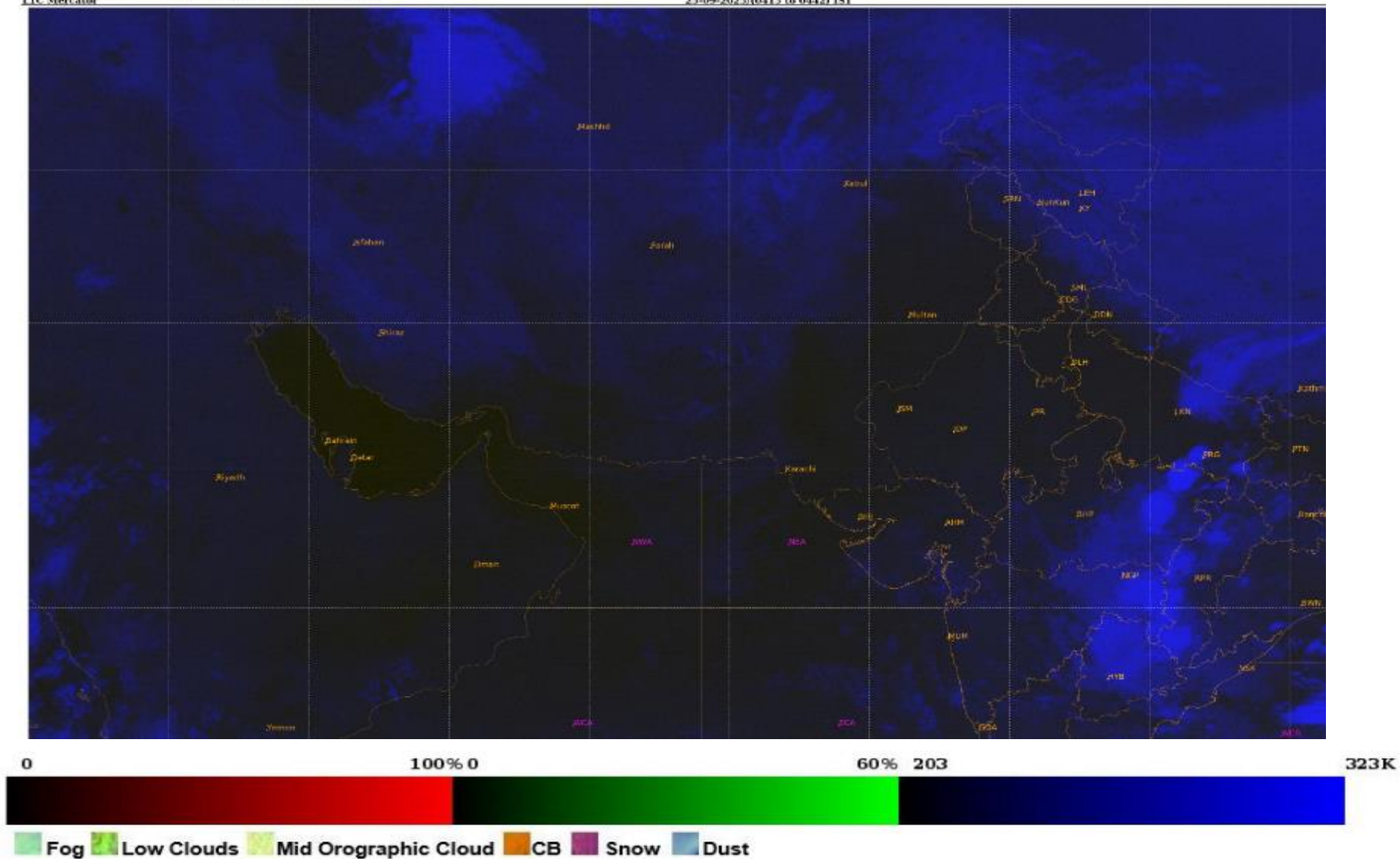
24-09-2025/(2215 to 2242) GMT

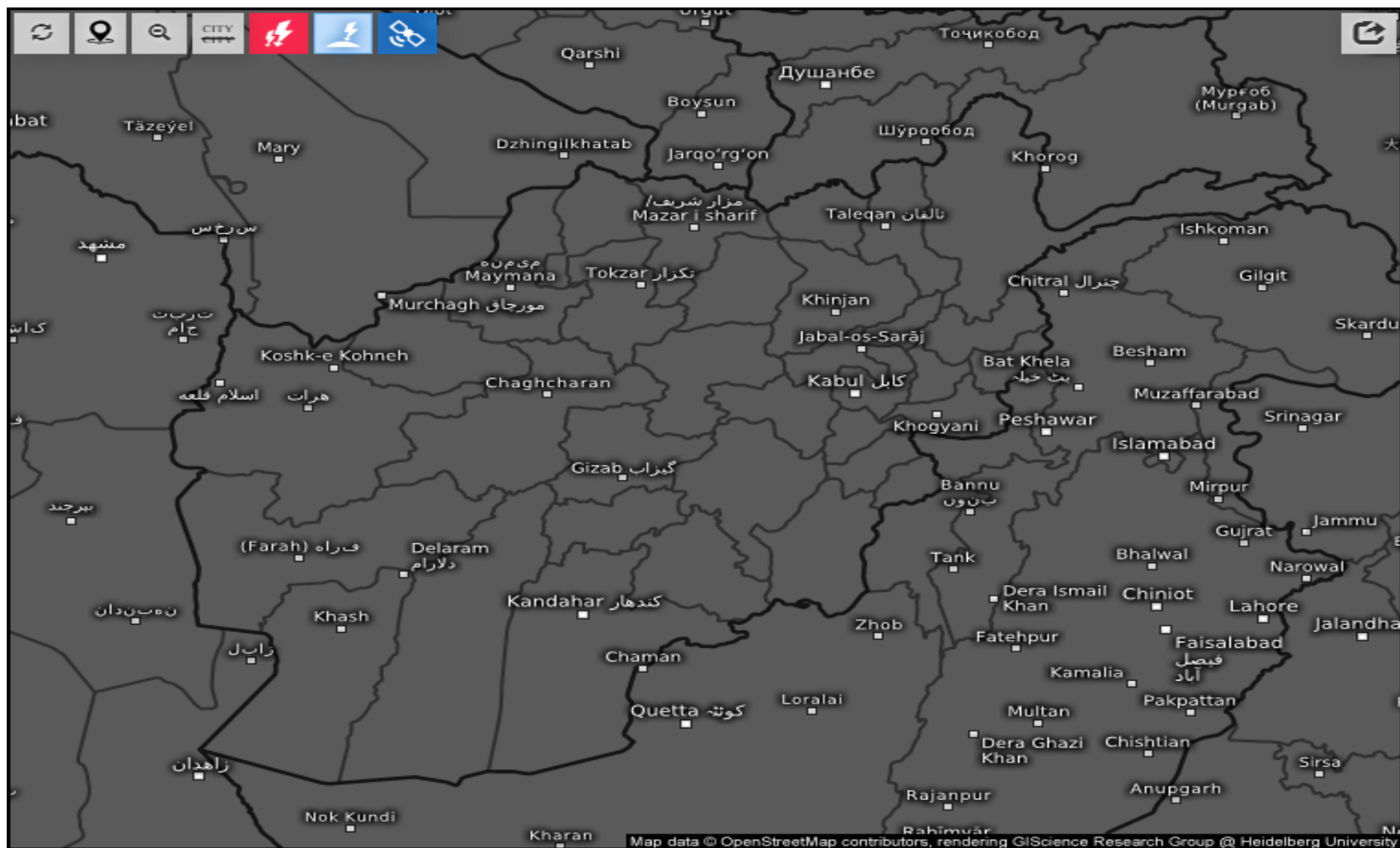
25-09-2025/(0345 to 0412) IST



SAT : INSAT-3DR IMG
IMG_VIS 0.65 um(R), IMG_VIS 0.65 um(G), IMG_TIR1 10.8 um(B)
LIC Mercator

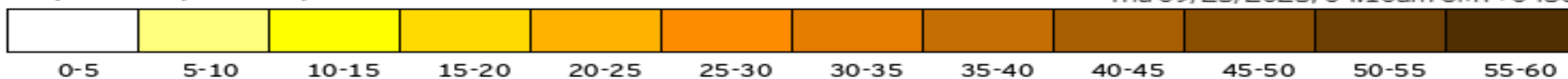
24-09-2025/(2245 to 2312) GMT
25-09-2025/(0415 to 0442) IST





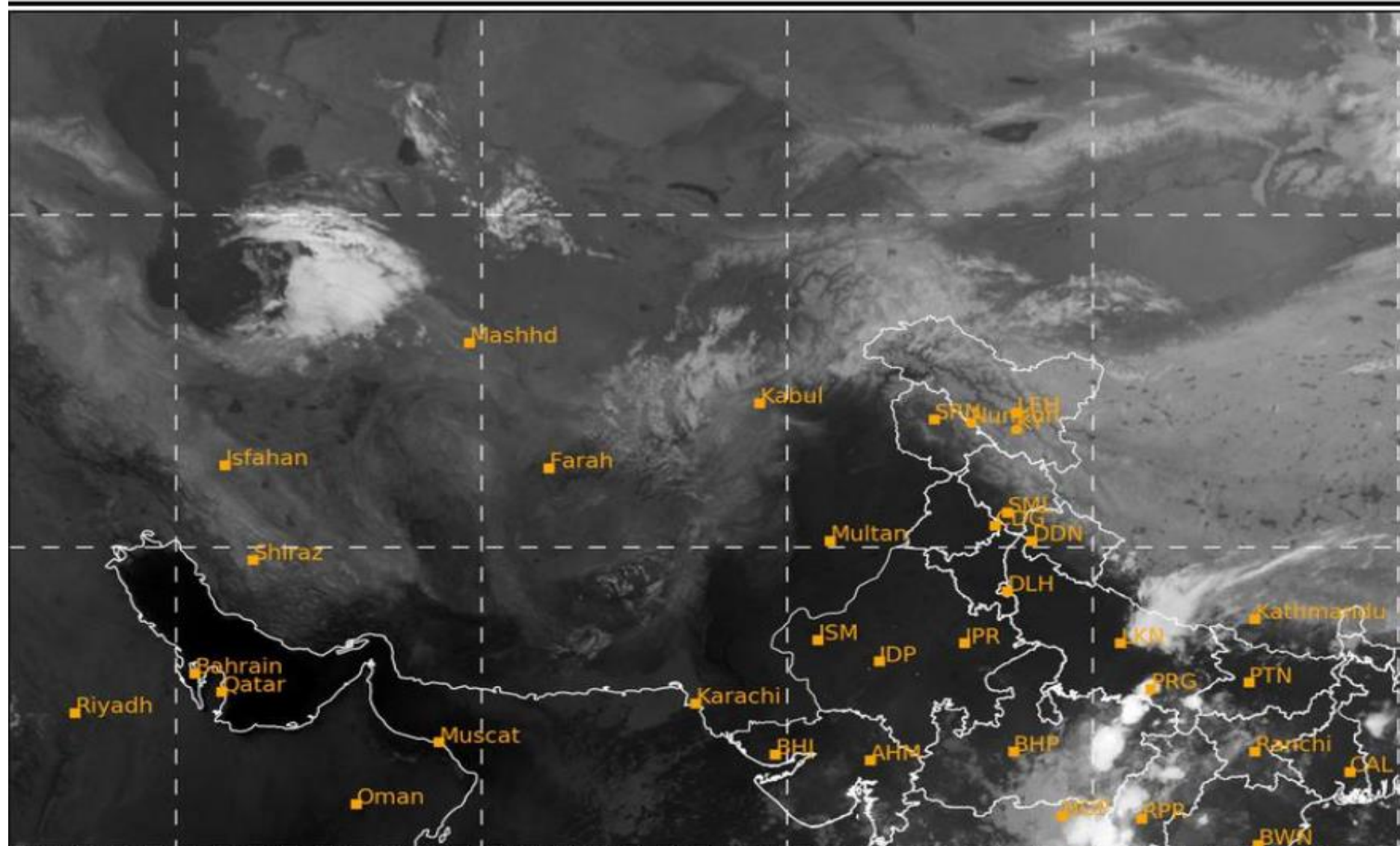
Age of lightning (minutes) 

Thu 09/25/2025, 04:10am GMT+0430



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

24-09-2025/(2215 to 2242) GMT
25-09-2025/(0345 to 0412) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-09-24 23:15(UTC)

