



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



Daily reports of Satellite imagery analysis. Date & Time: 12/09/2025, 00:00 UTC

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

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

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-09-11 05:15

AirMass

Thick,
high-level cloud

Thick,
mid-level cloud

Thick,
low-level cloud

Jet

Cold Airmass

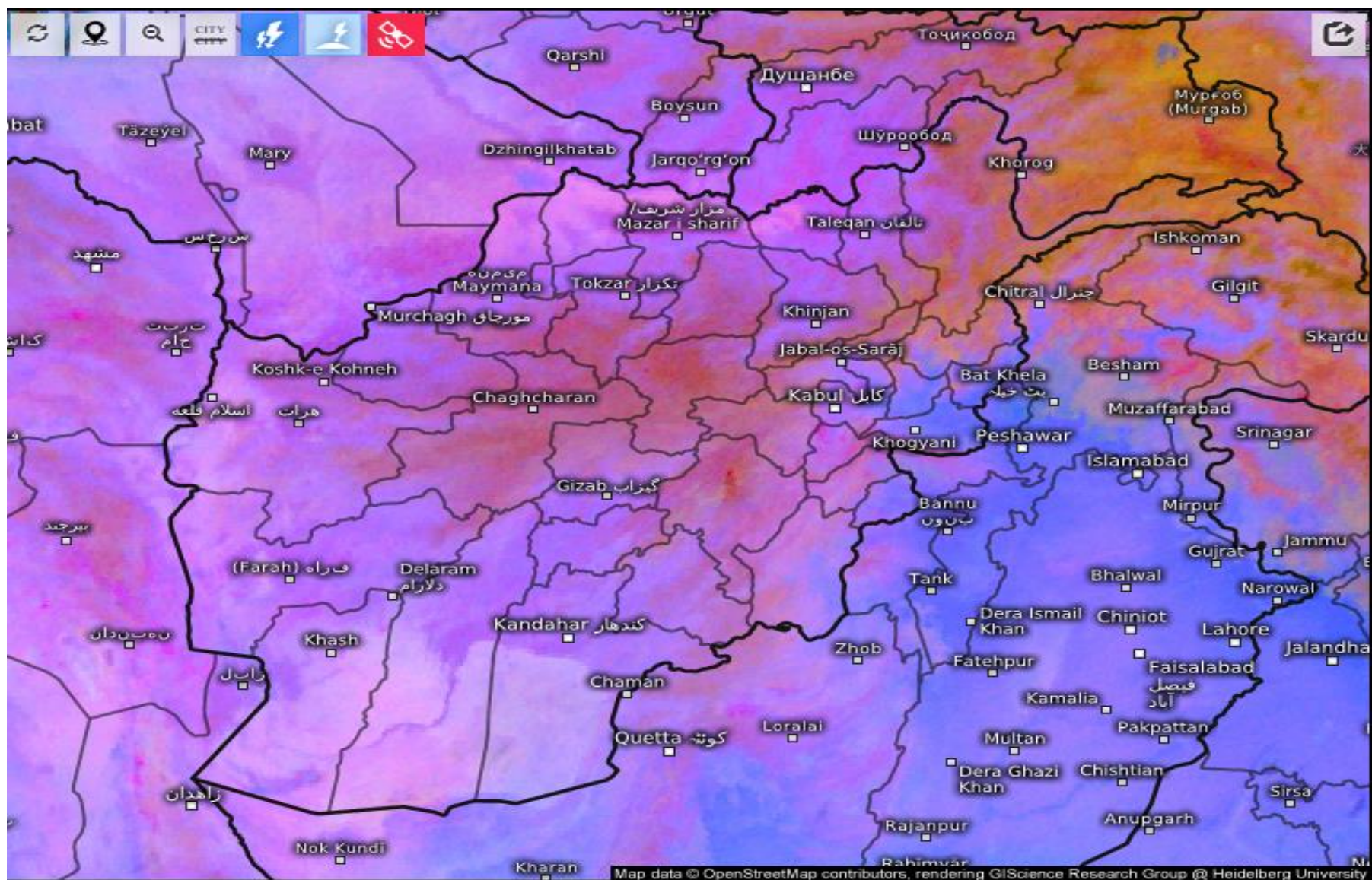
Warm Airmass
(high UTH)

Warm Airmass
(low UTH)

R = WV (6.2)
G = IR (8.5)
B = WV (6.2)

FY-4B AirMass RGB Composite (From WMO)



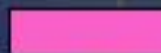


Satellite Dust 

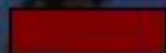
Fri 09/12/2025, 04:00am GMT+0430

UTC : 2025-09-11 15:30

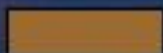
Dust



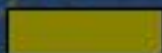
Dust



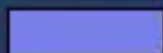
High-level cloud



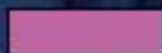
Thick,
mid-level cloud



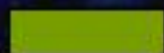
Thin,
mid-level cloud



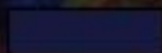
Ocean



Land



Low-level cloud

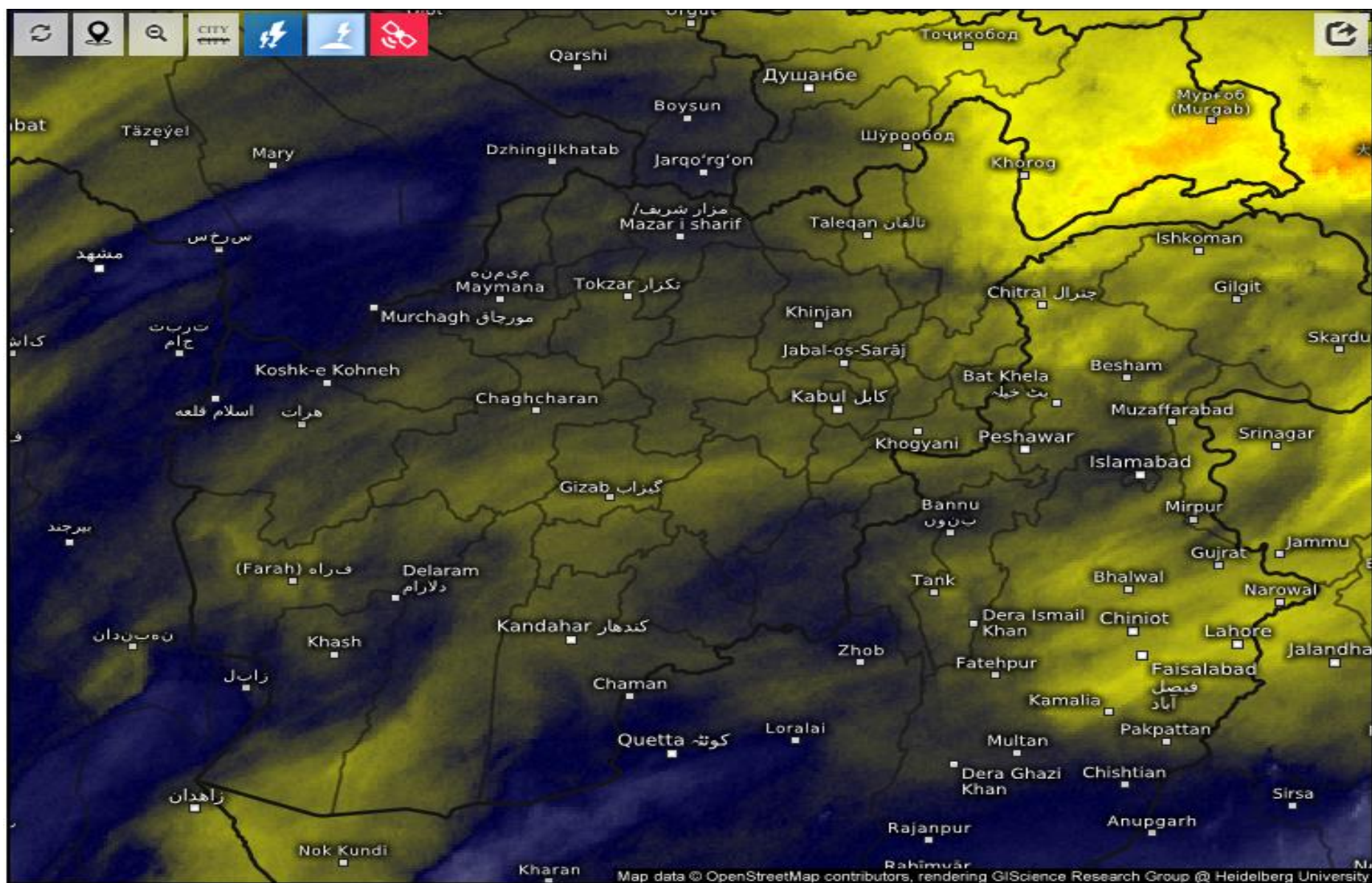


Cirrus

R = IR (12.0) -
G = IR (10.8) -
B = IR (10.8)

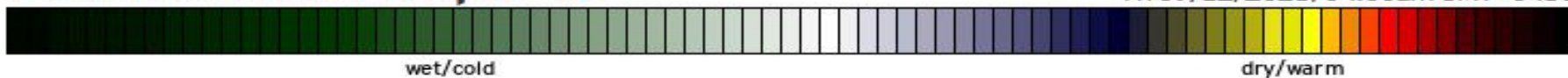
FY-4B Dust RGB Composite (From WMO)





Satellite Water Vapor

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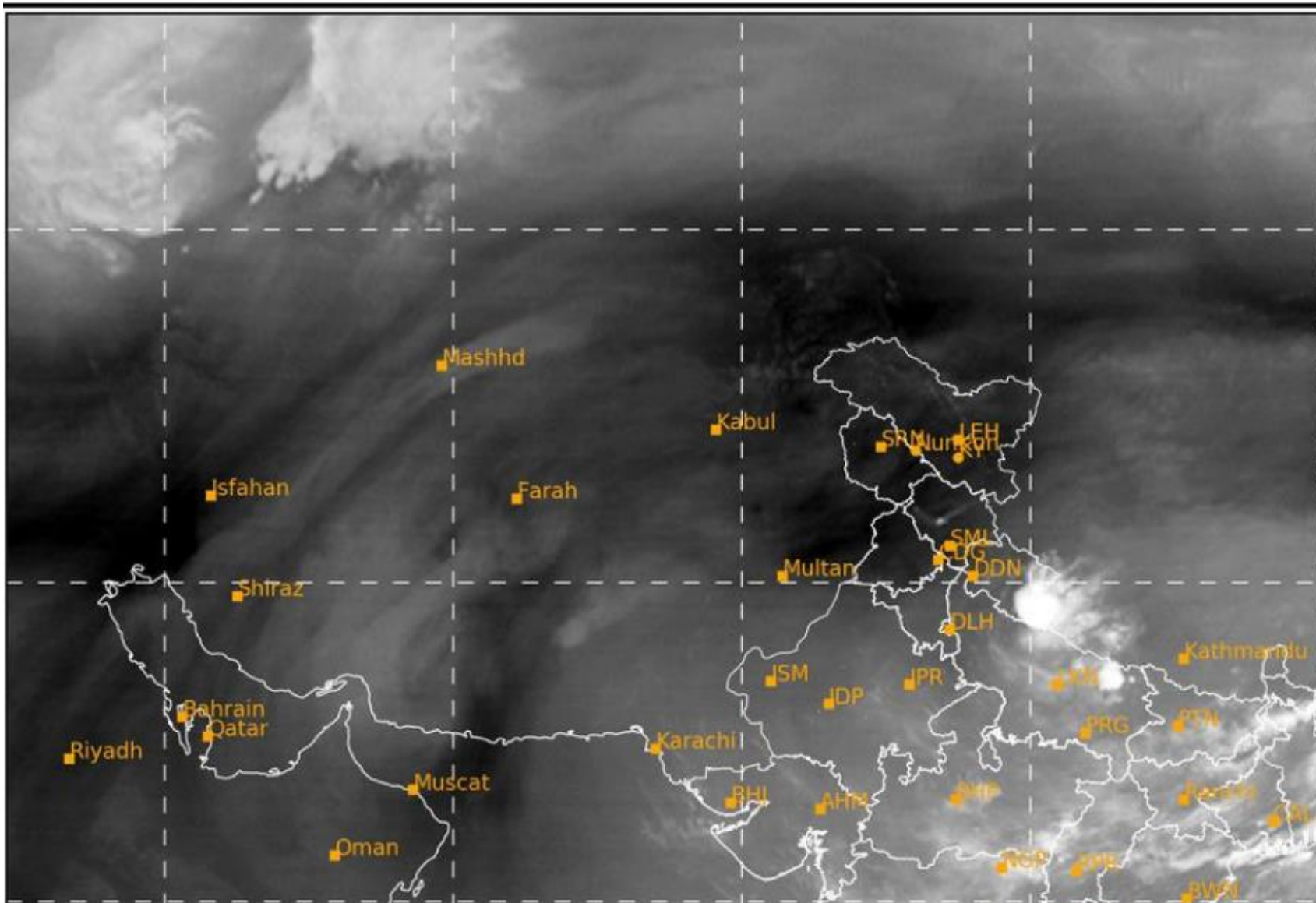
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

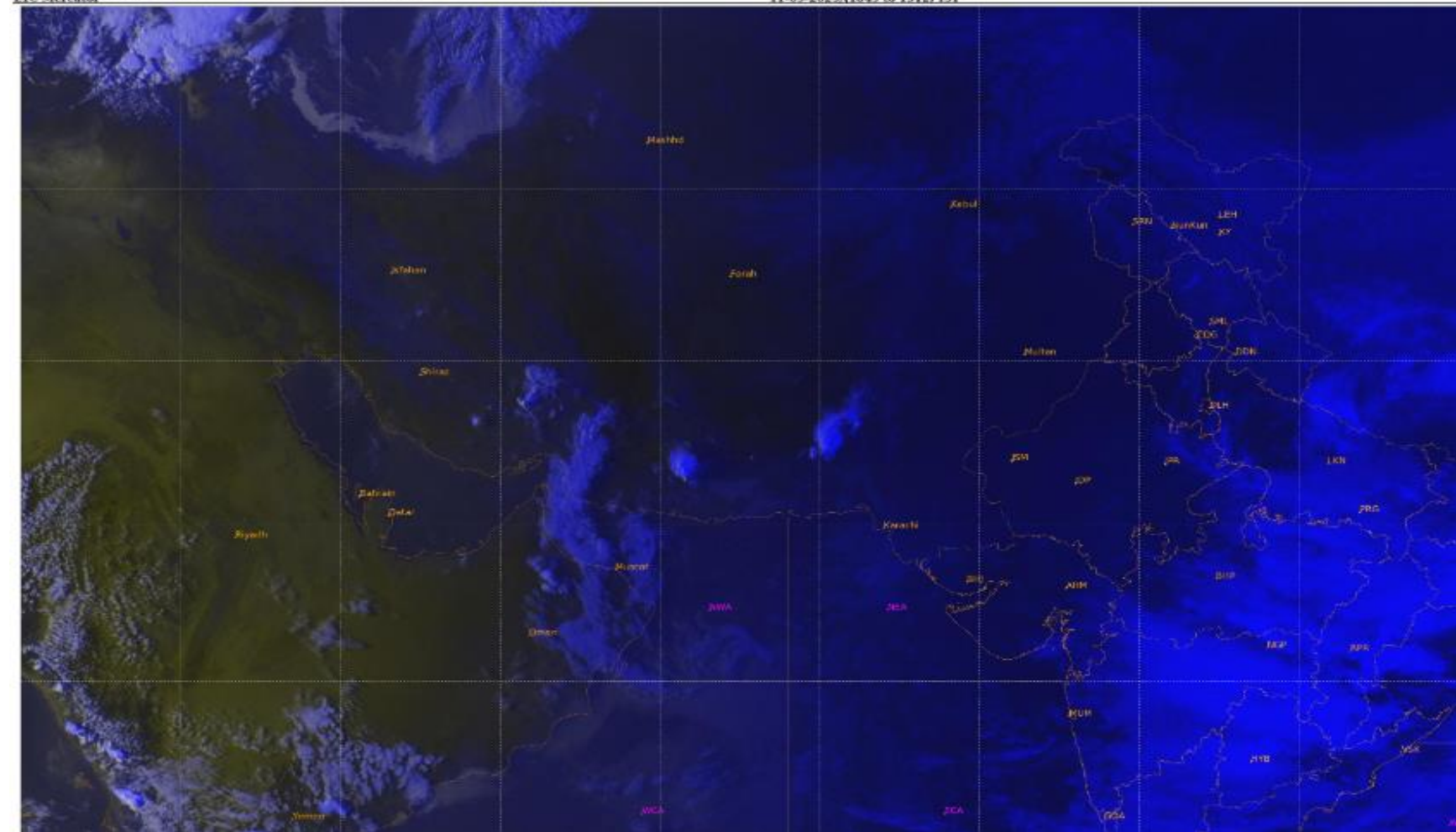
11-09-2025/(2345 to 0012) GMT

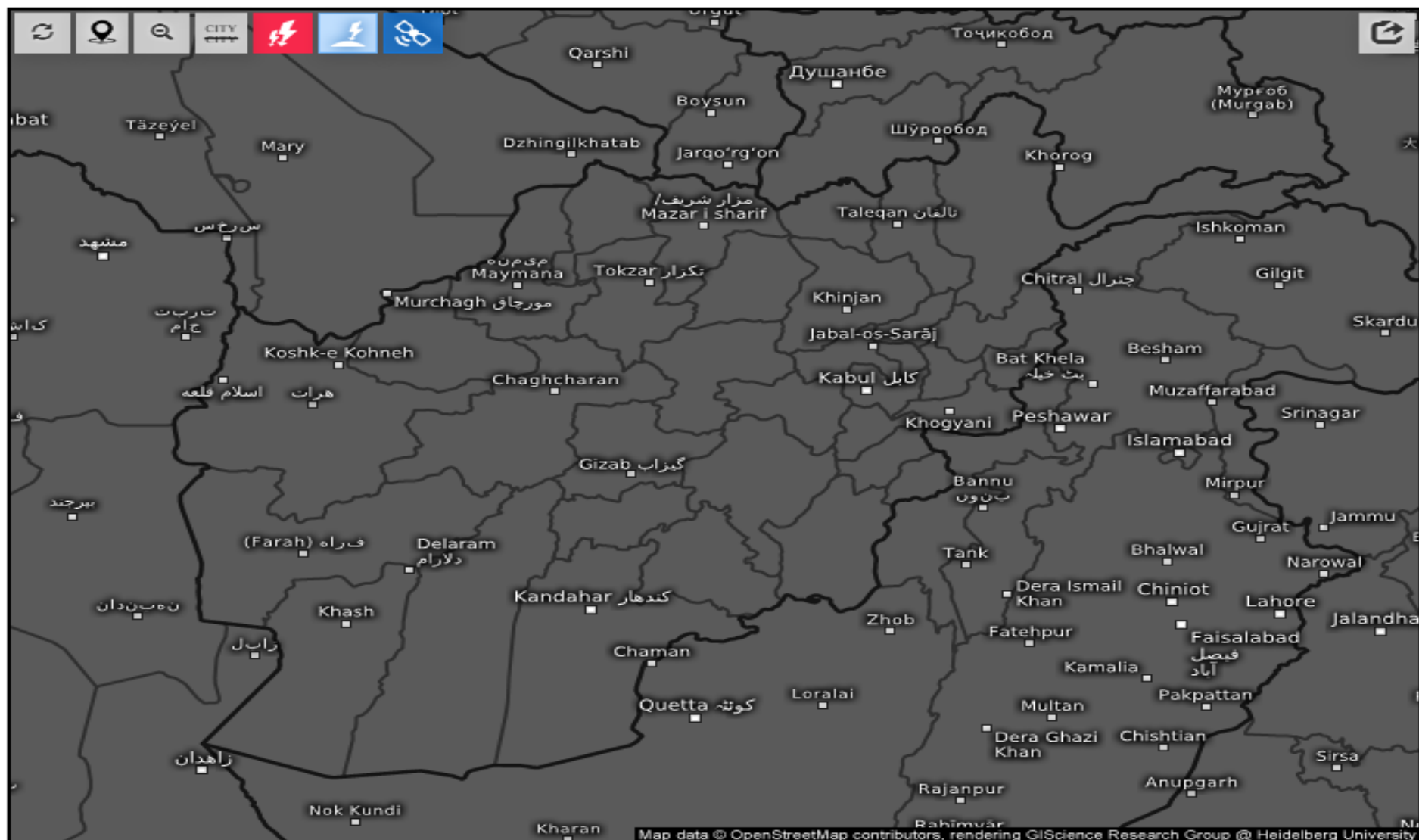
12-09-2025/(0515 to 0542) IST



SAT : INSAT-3DR IMG
 IMG_VIS 0.65 um(R), IMG_VIS 0.65 um(G), IMG_TIR1 10.8 um(B)
 L1C Mercator

11-09-2025/(1315 to 1342) GMT
 11-09-2025/(1845 to 1912) IST





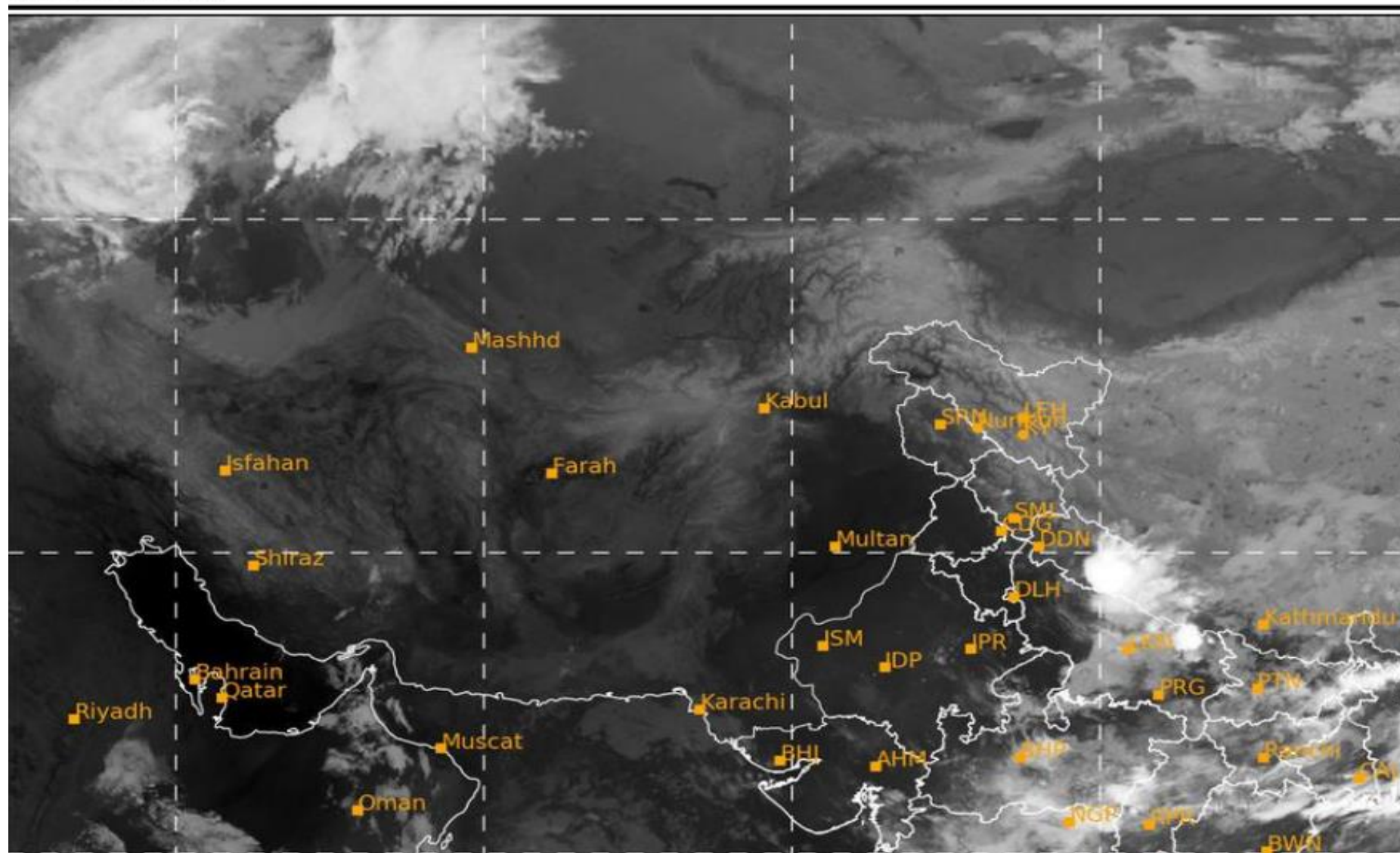
Age of lightning (minutes) 

Fri 09/12/2025, 04:00am GMT+0430



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

11-09-2025/(2345 to 0012) GMT
12-09-2025/(0515 to 0542) IST



Live satellite map, Afghanistan

