



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



Satellite General Management

Daily reports of Satellite imagery analysis. Date & Time: 22/09/2025, 15:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	X	X	√ moderate	X	X	duststorm
2	South	✓	✓	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	√ 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, southern, western, eastern, central, northeastern, southeastern, northwestern, southwestern areas have warm air mass (Low UTH). The northern, southern, western, southeastern and southwestern areas have dust. The eastern and northeastern areas have cloudy sky. The all region have moderate water vapor.

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

- Reported by: Esmatullah Mohammadi

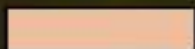
UTC : 2025-09-22 05:30

AirMass



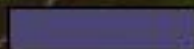
Thick,

high-level cloud



Thick,

mid-level cloud



Thick,

low-level cloud



Jet



Cold Airmass



Warm Airmass

(high UTH)

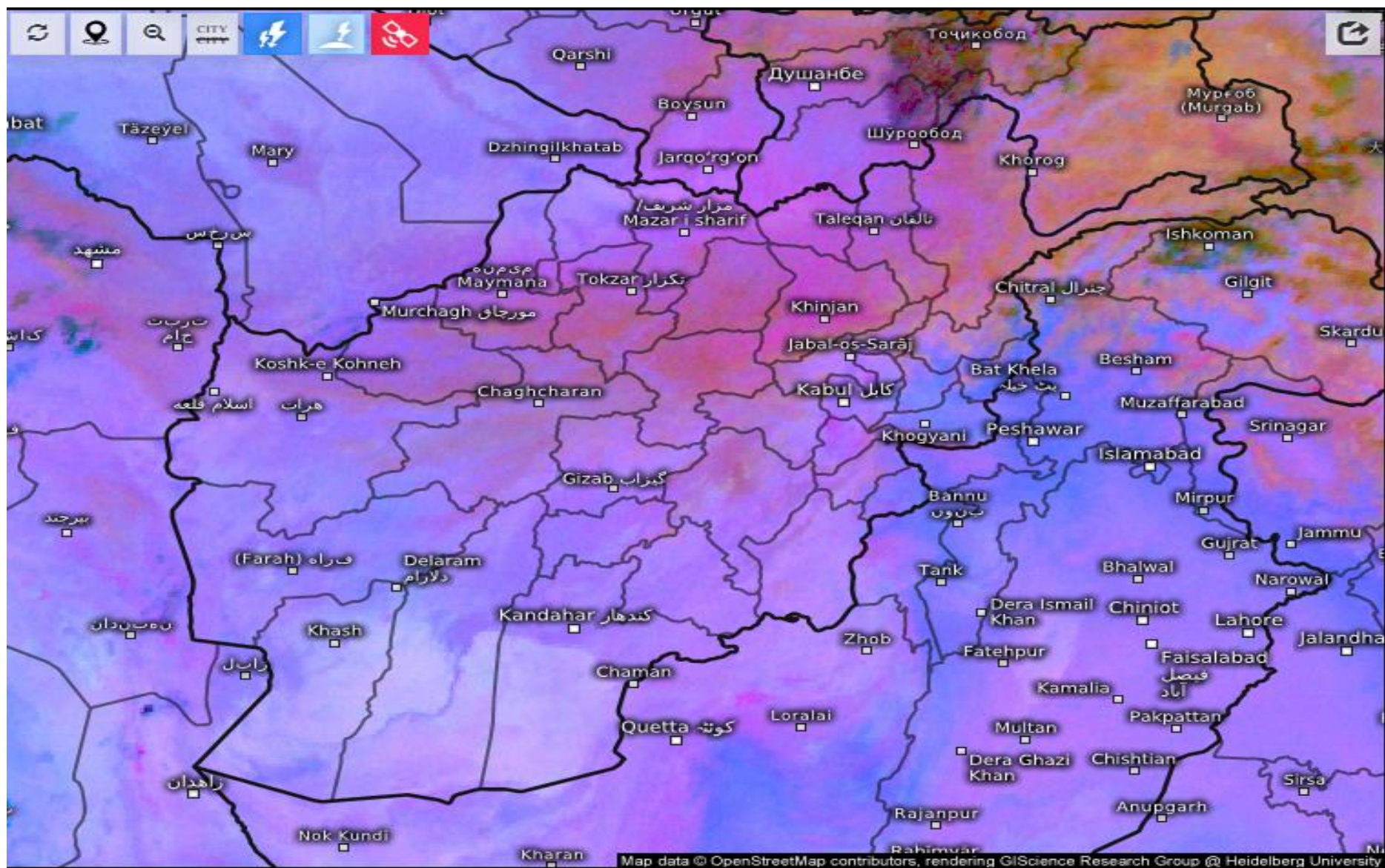


Warm Airmass

(low UTH)

FY-4B AirMass RGB Composite (From WMO)



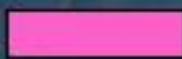


Satellite Dust 

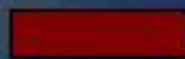
Mon 09/22/2025, 07:00pm GMT+0430

UTC : 2025-09-22 05:45

Dust



Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



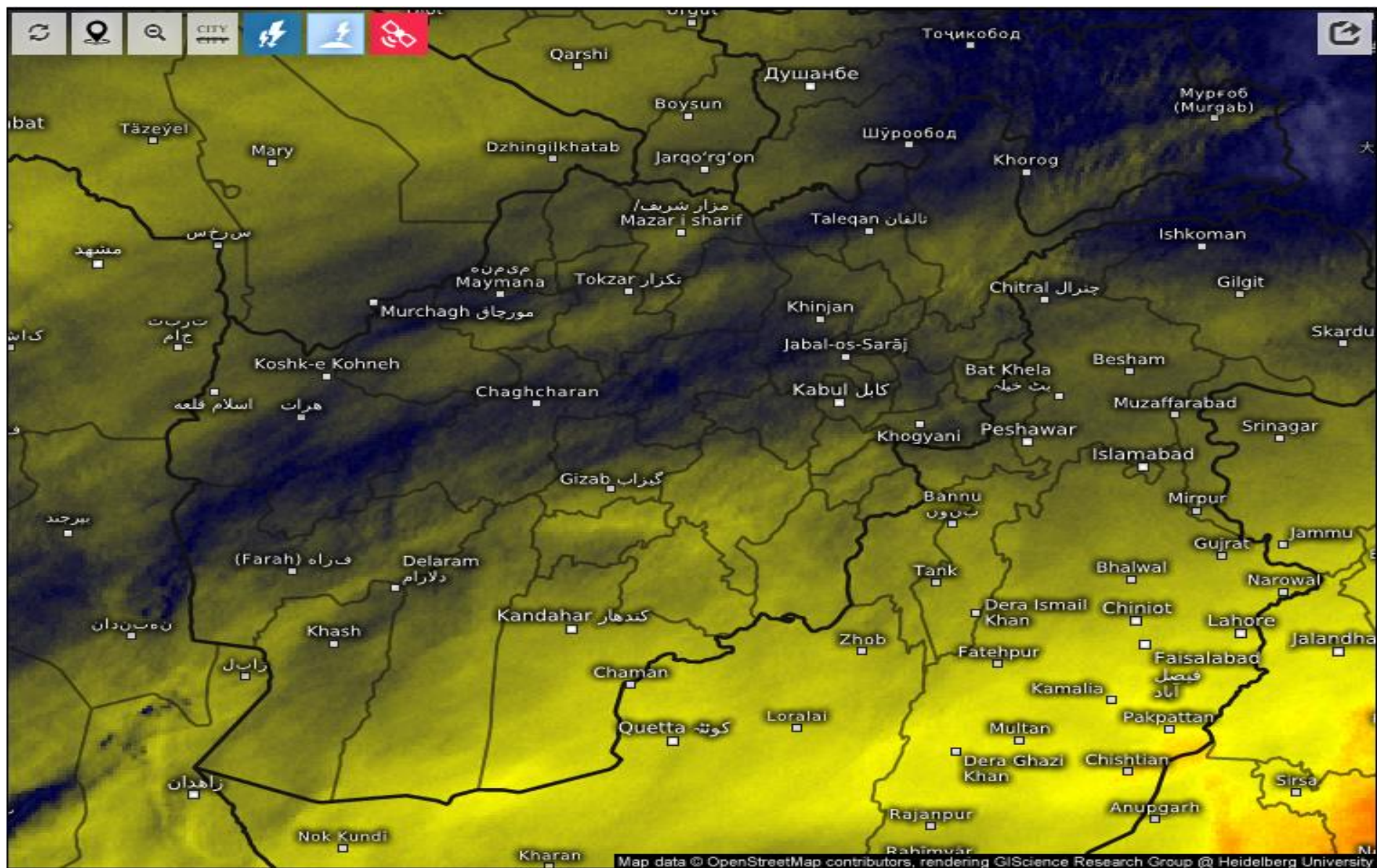
Low-level cloud



Cirrus

FY-4B Dust RGB Composite (From WMO)





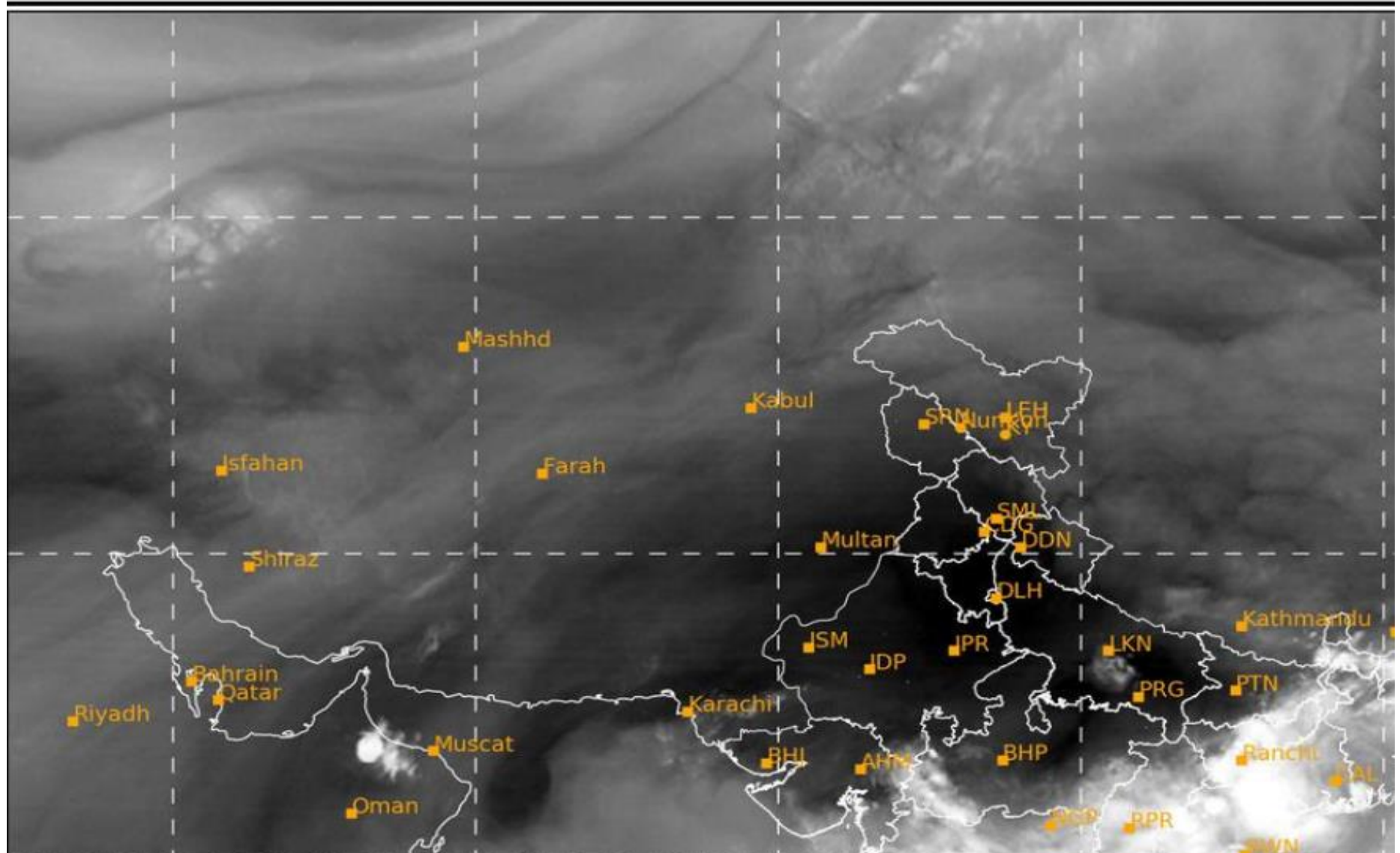
Satellite Water Vapor

Mon 09/22/2025, 07:00pm GMT+0430



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

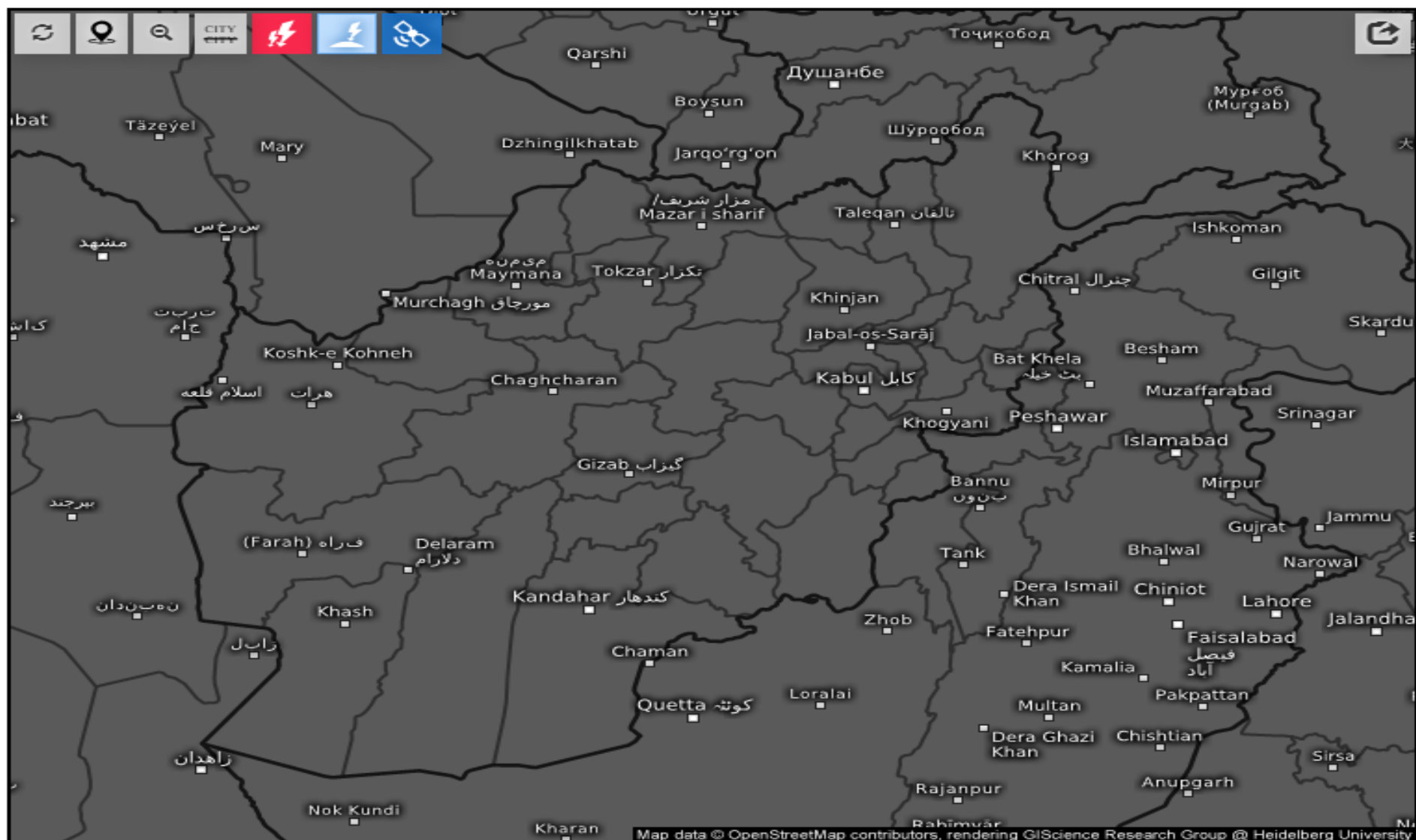
22-09-2025/(1345 to 1412) GMT
22-09-2025/(1915 to 1942) IST



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

22-09-2025/(1345 to 1412) GMT
 22-09-2025/(1915 to 1942) IST





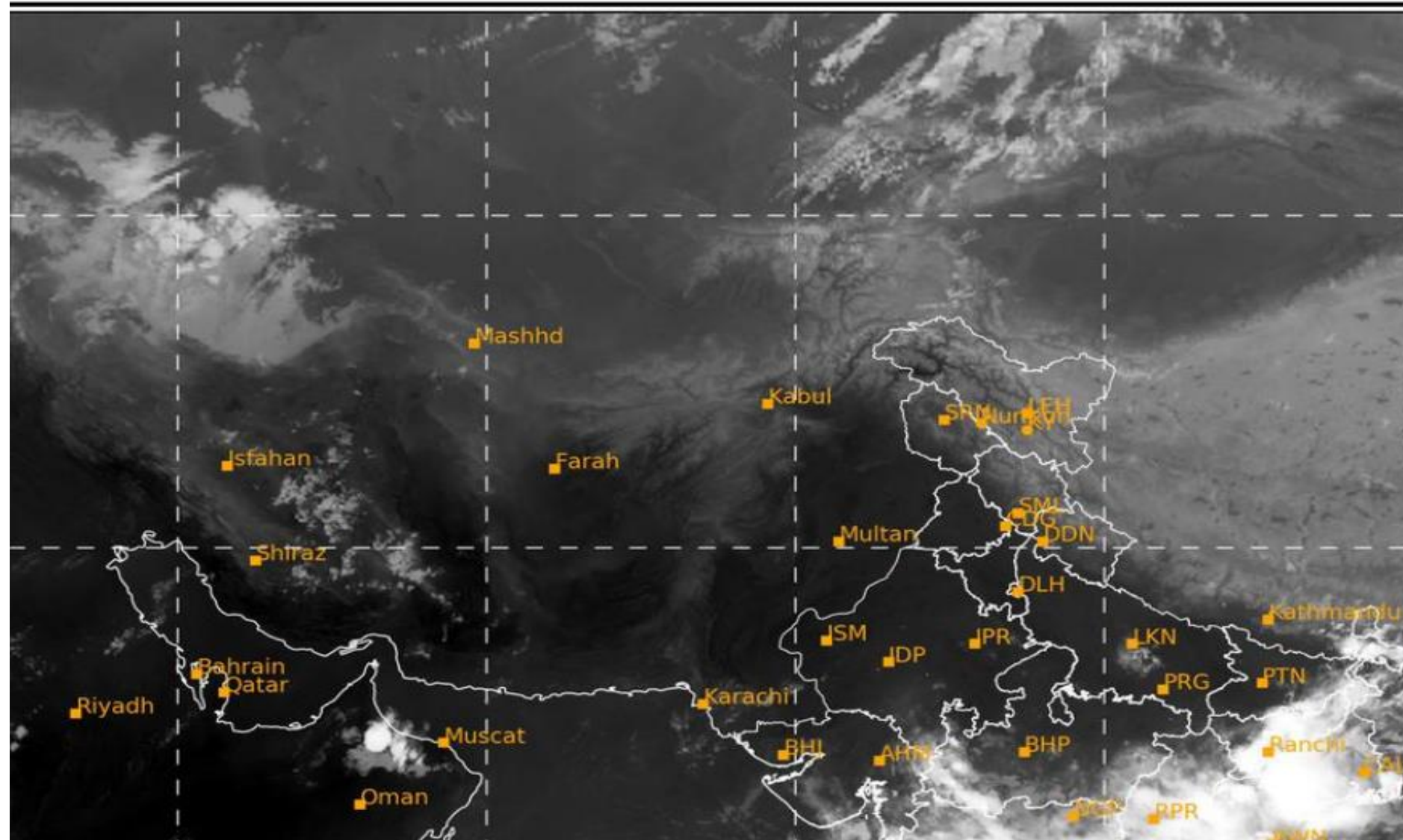
Age of lightning (minutes) 

Mon 09/22/2025, 07:10pm GMT+0430



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

22-09-2025/(1345 to 1412) GMT
22-09-2025/(1915 to 1942) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-09-22 14:30(UTC)

