



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



Daily reports of Satellite imagery analysis. Date & Time: 05/09/2025, 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	√ dry	X	X	
3	West	✓	X	X	X	X	√ dry	X	X	
4	East	✓	X	X	✓	X	√ dry	X	X	
5	central	✓	✓	X	✓	X	√ dry	X	X	
6	Northeast	✓	X	X	✓	X	√ weak	X	X	
7	Southeast	✓	X	X	✓	X	√ dry	X	X	
8	Northwest	✓	X	X	X	X	√ dry	X	X	
9	Southwest	✓	X	X	X	X	√ dry	X	X	

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

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

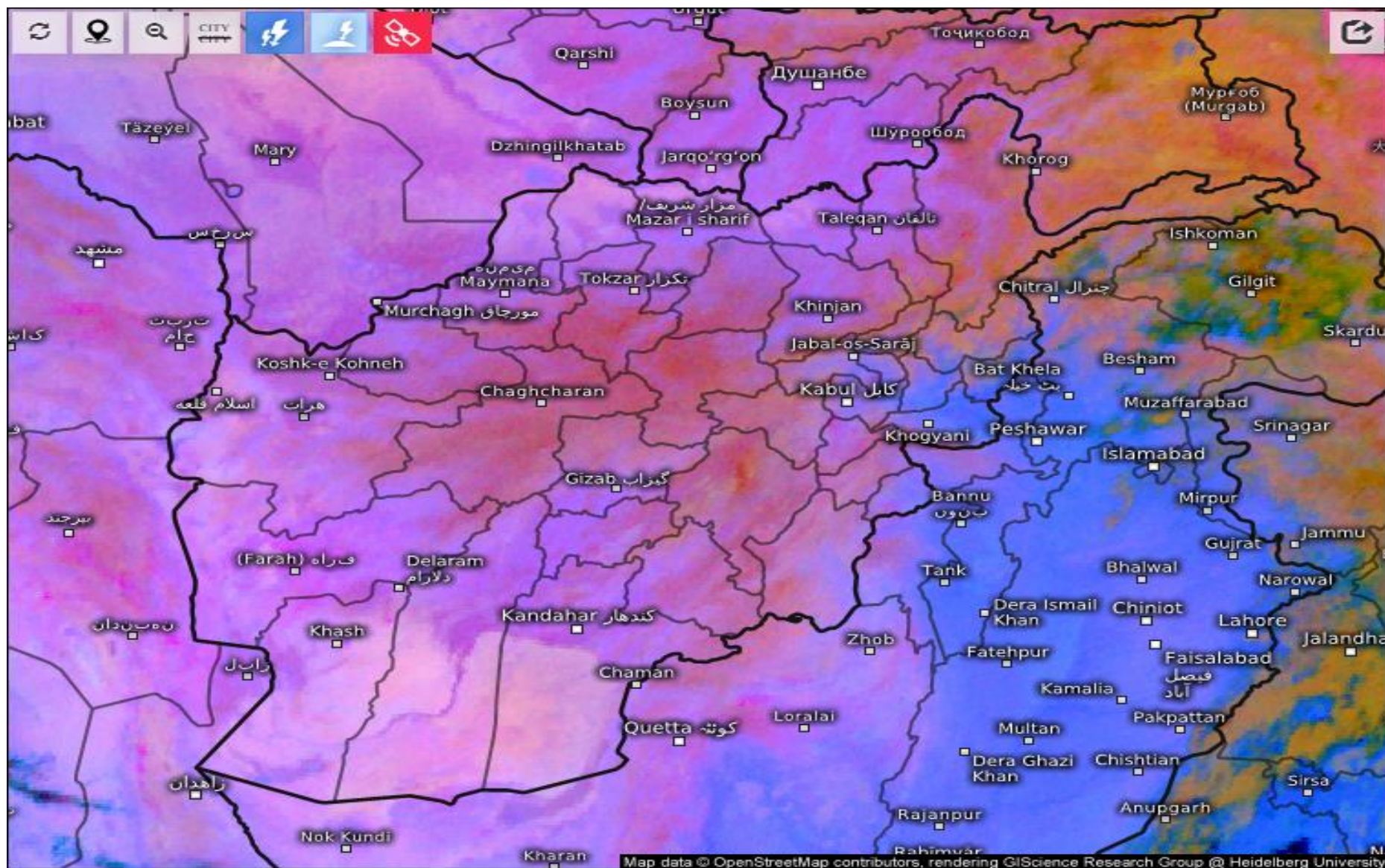
- Reported by: Esmatullah Mohammadi

UTC : 2025-09-04 13:45



FY-4B AirMass RGB Composite (From WMO)





Satellite Dust 

Fri 09/05/2025, 04:00am GMT+0430

UTC : 2025-09-04 14:00

Dust



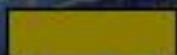
Dust



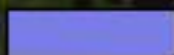
High-level cloud



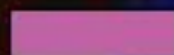
Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



Low-level cloud

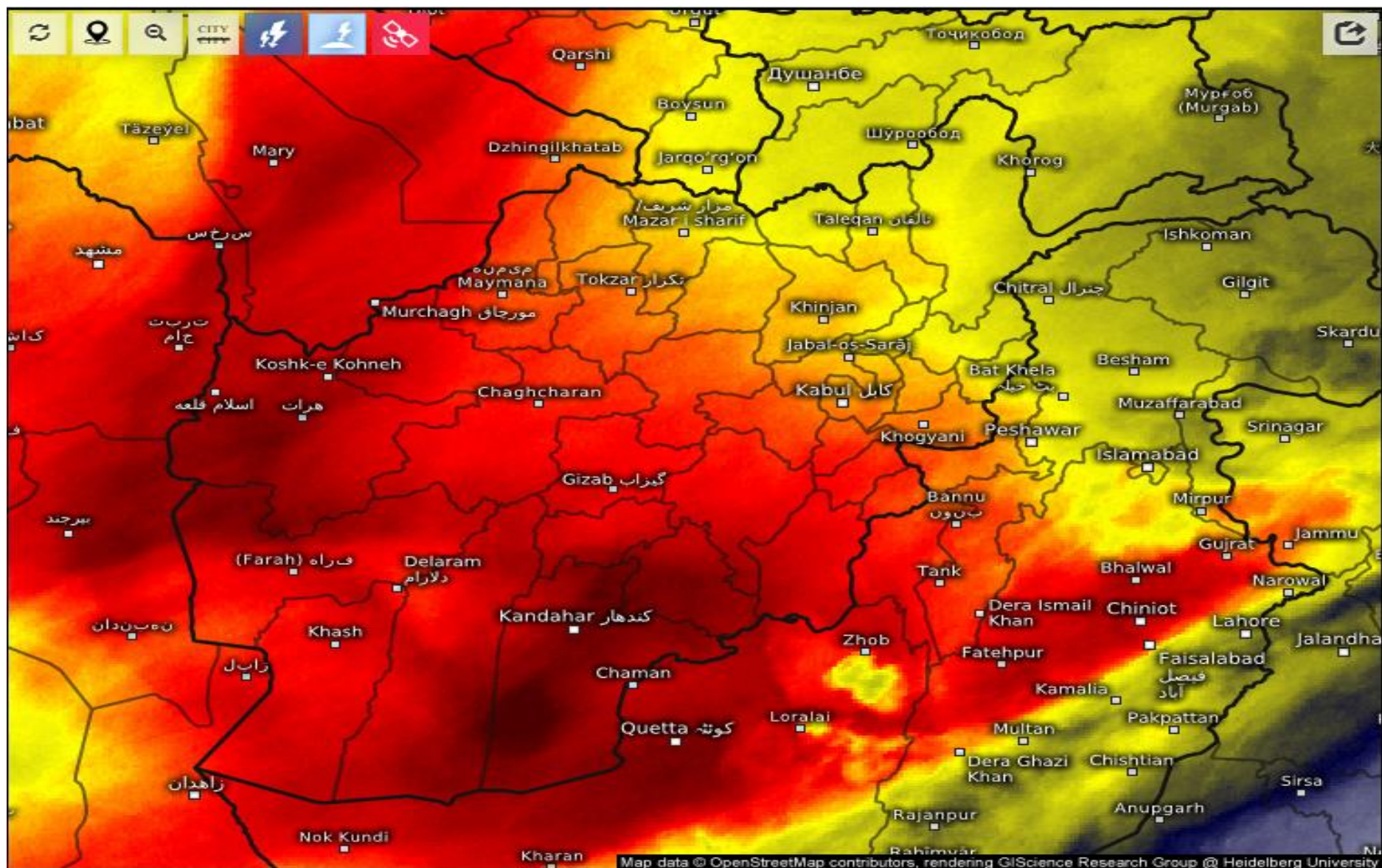


Cirrus

R =
G =
B =

FY-4B Dust RGB Composite (From WMO)





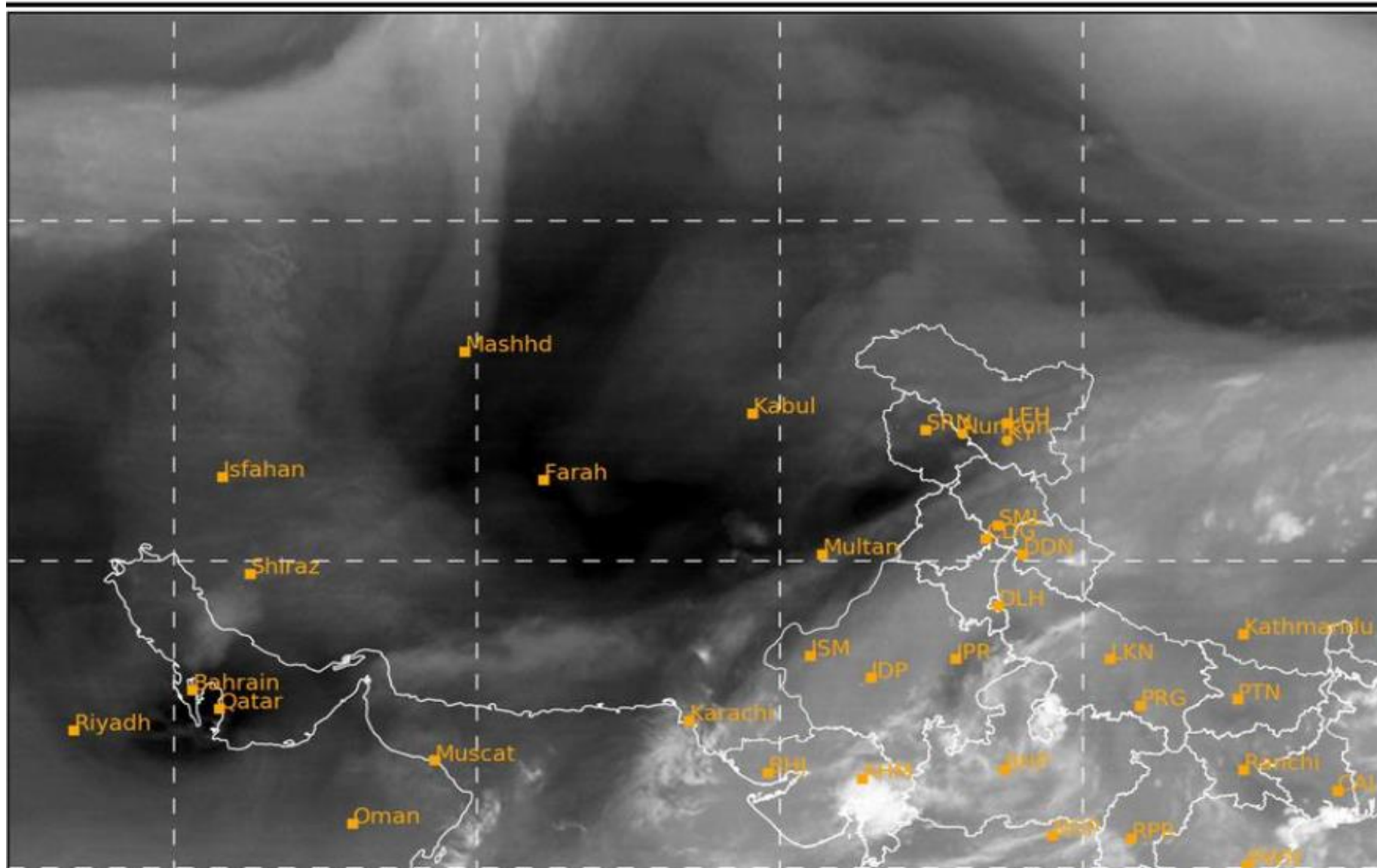
Satellite Water Vapor

Fri 09/05/2025, 04:00am GMT+0430



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

04-09-2025/(2215 to 2242) GMT
05-09-2025/(0345 to 0412) IST



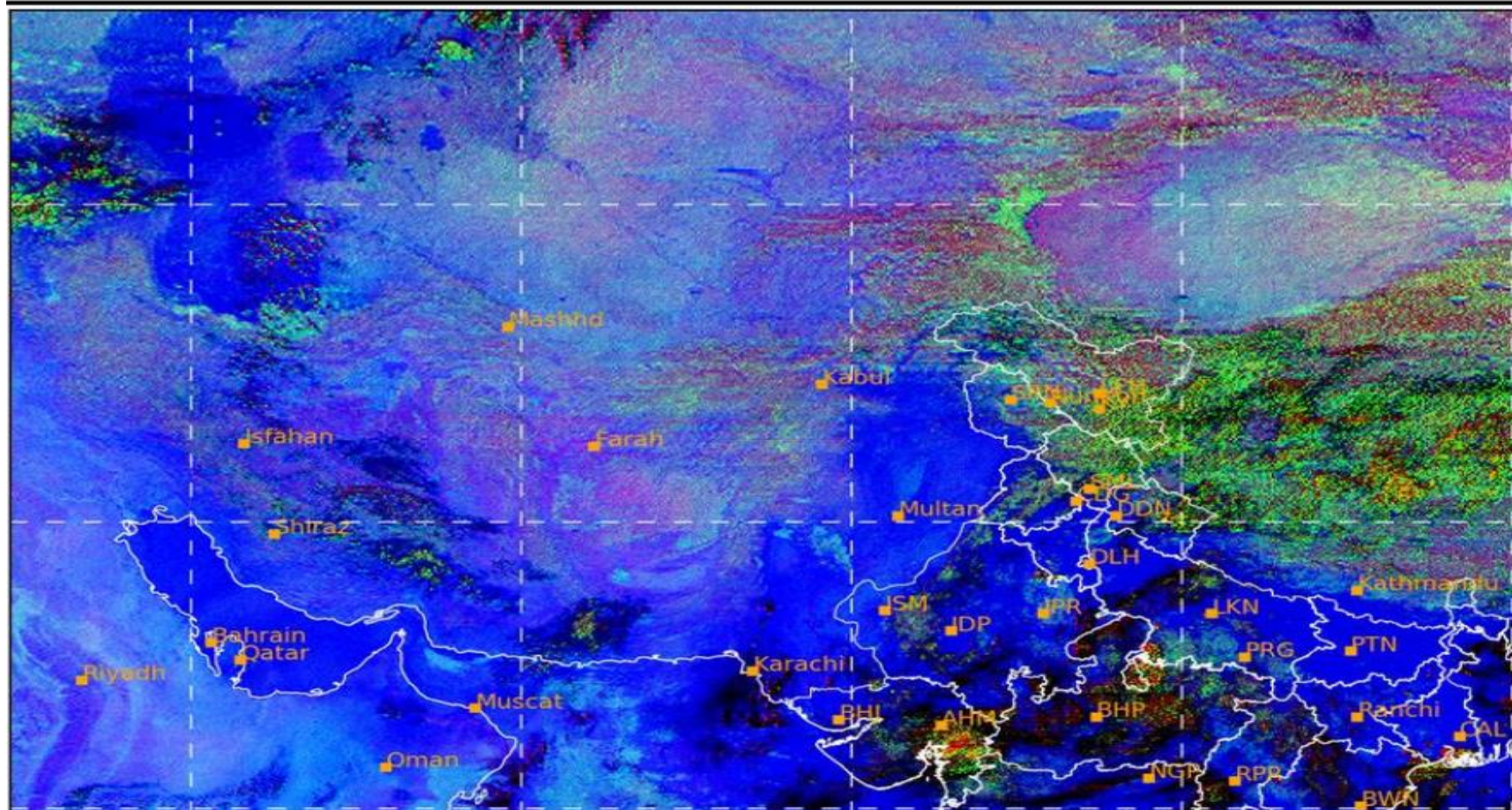
SAT : INSAT-3DR IMG

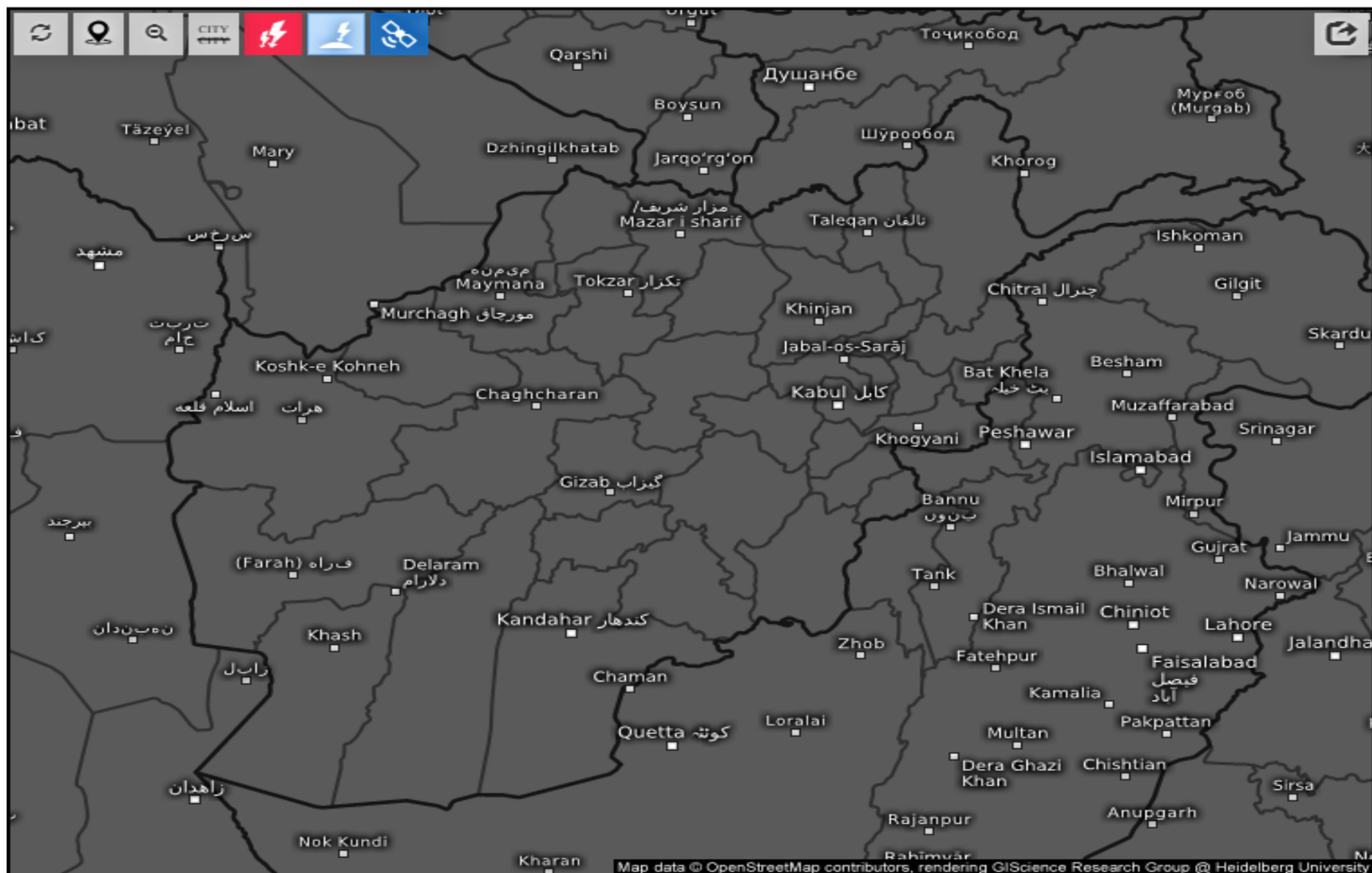
04-09-2025/(2215 to 2242) GMT

Night Microphysics: TIR2_BT-TIR1_BT (R), TIR1_BT-MIR_BT (G), TIR1_BT (B)

L1C Mercator

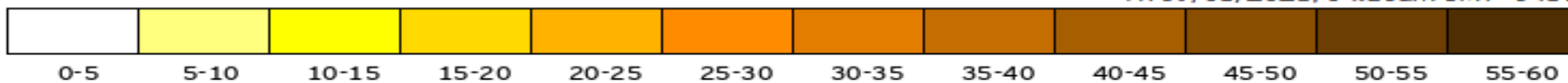
05-09-2025/(0345 to 0412) IST





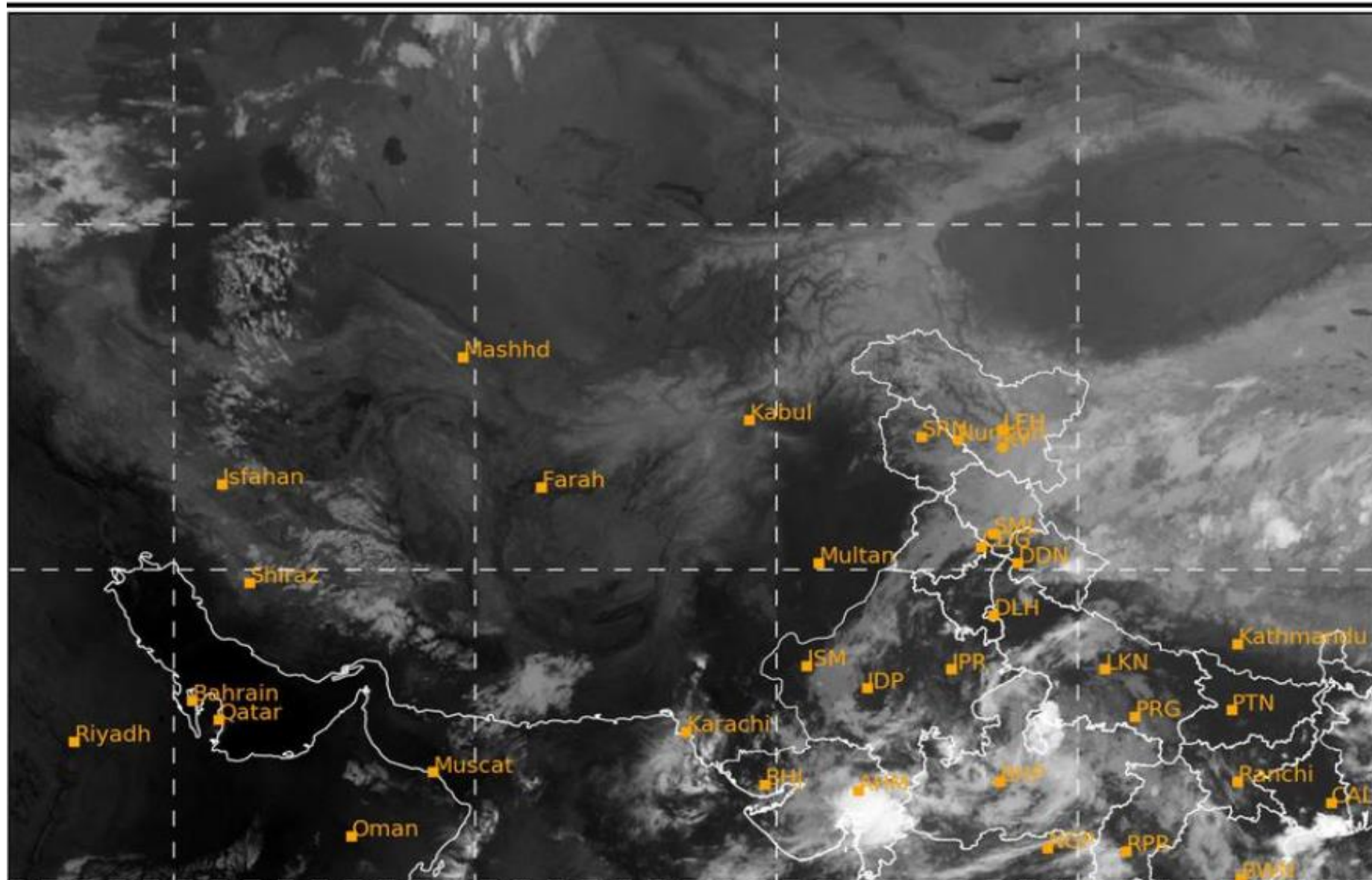
Age of lightning (minutes) 

Fri 09/05/2025, 04:10am GMT+0430



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

04-09-2025/(2215 to 2242) GMT
05-09-2025/(0345 to 0412) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-09-04 23:15(UTC)

