



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



Daily reports of Satellite imagery analysis. Date & Time: 04/09/2025, 15:00 UTC

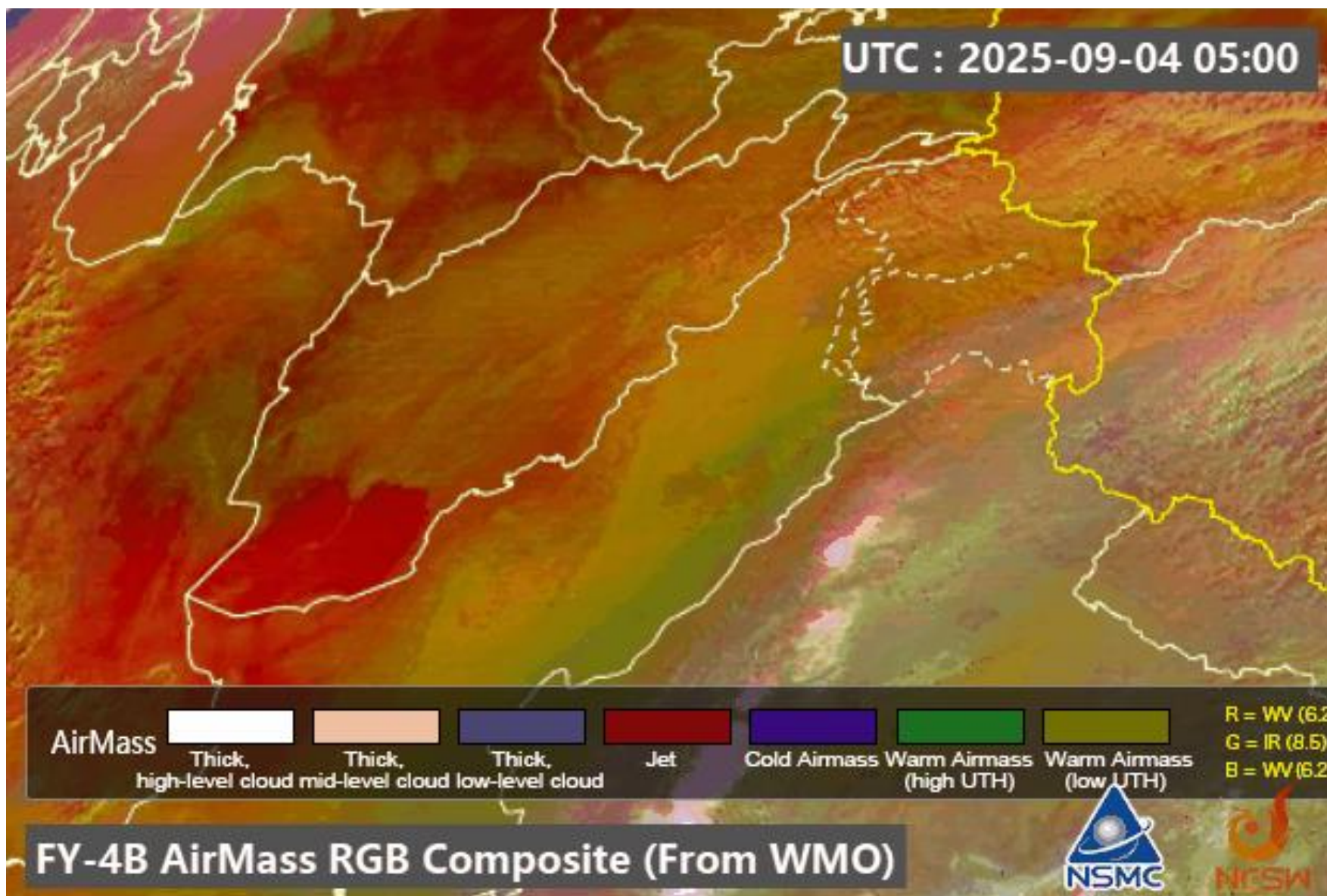
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	X	X	√ dry	X	X	
2	South	✓	X	X	X	X	√ dry	X	X	
3	West	✓	X	X	X	X	√ dry	X	X	
4	East	✓	X	X	✓	X	√ dry	X	X	
5	central	✓	✓	X	✓	X	√ dry	X	X	
6	Northeast	✓	X	X	✓	X	√ dry	X	X	
7	Southeast	✓	X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

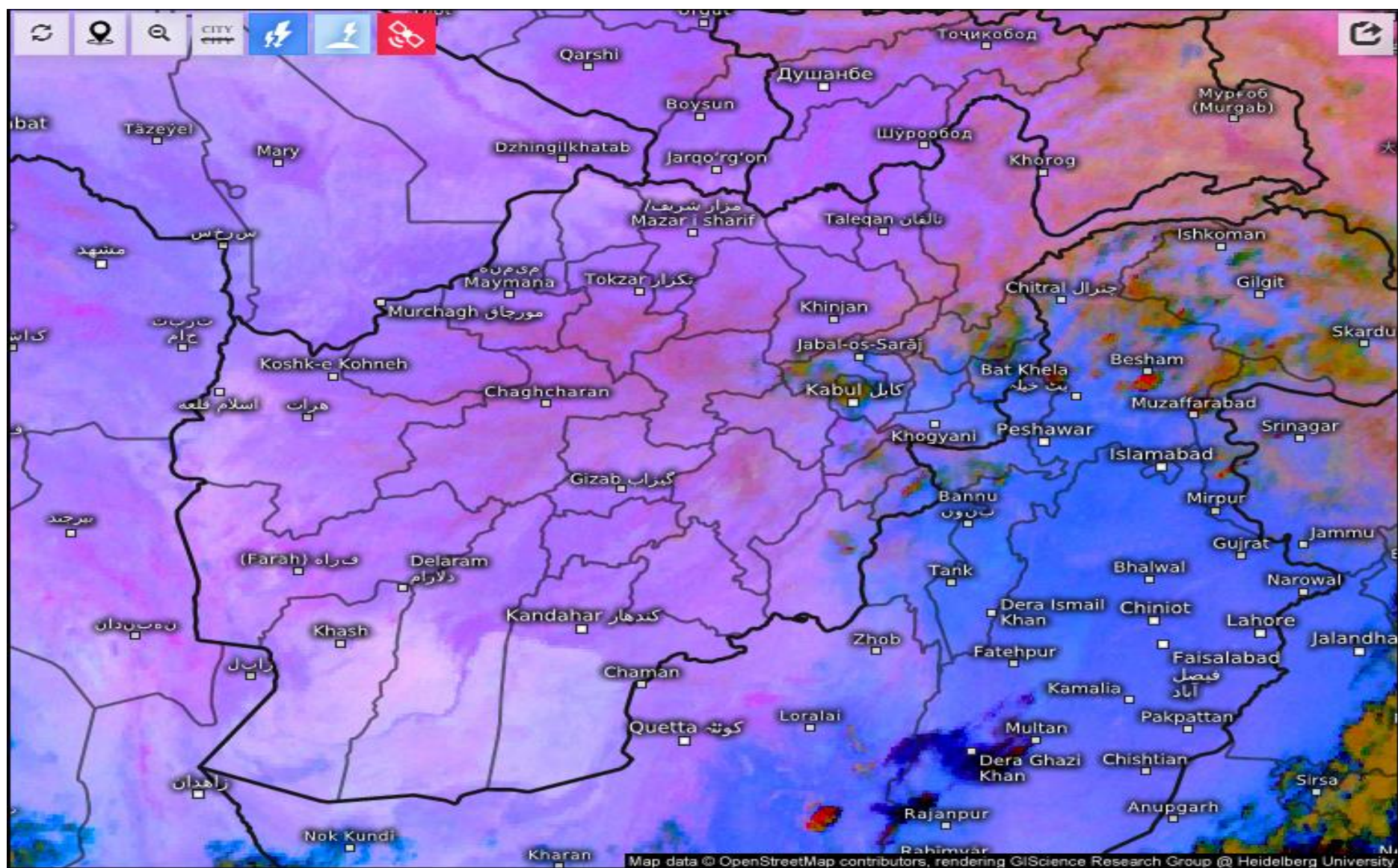
- **Details:** According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, southwestern, and northwestern areas have warm air mass (High UTH). The northern and central areas have dust. The eastern, central, northeastern and southeastern areas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

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-09-04 05:00



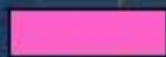


Satellite Dust 

Thu 09/04/2025, 07:00pm GMT+0430

UTC : 2025-09-04 05:00

Dust



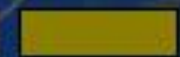
Dust



High-level cloud



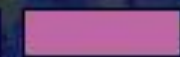
Thick,
mid-level cloud



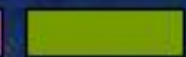
Thin,
mid-level cloud



Ocean



Land



Low-level cloud

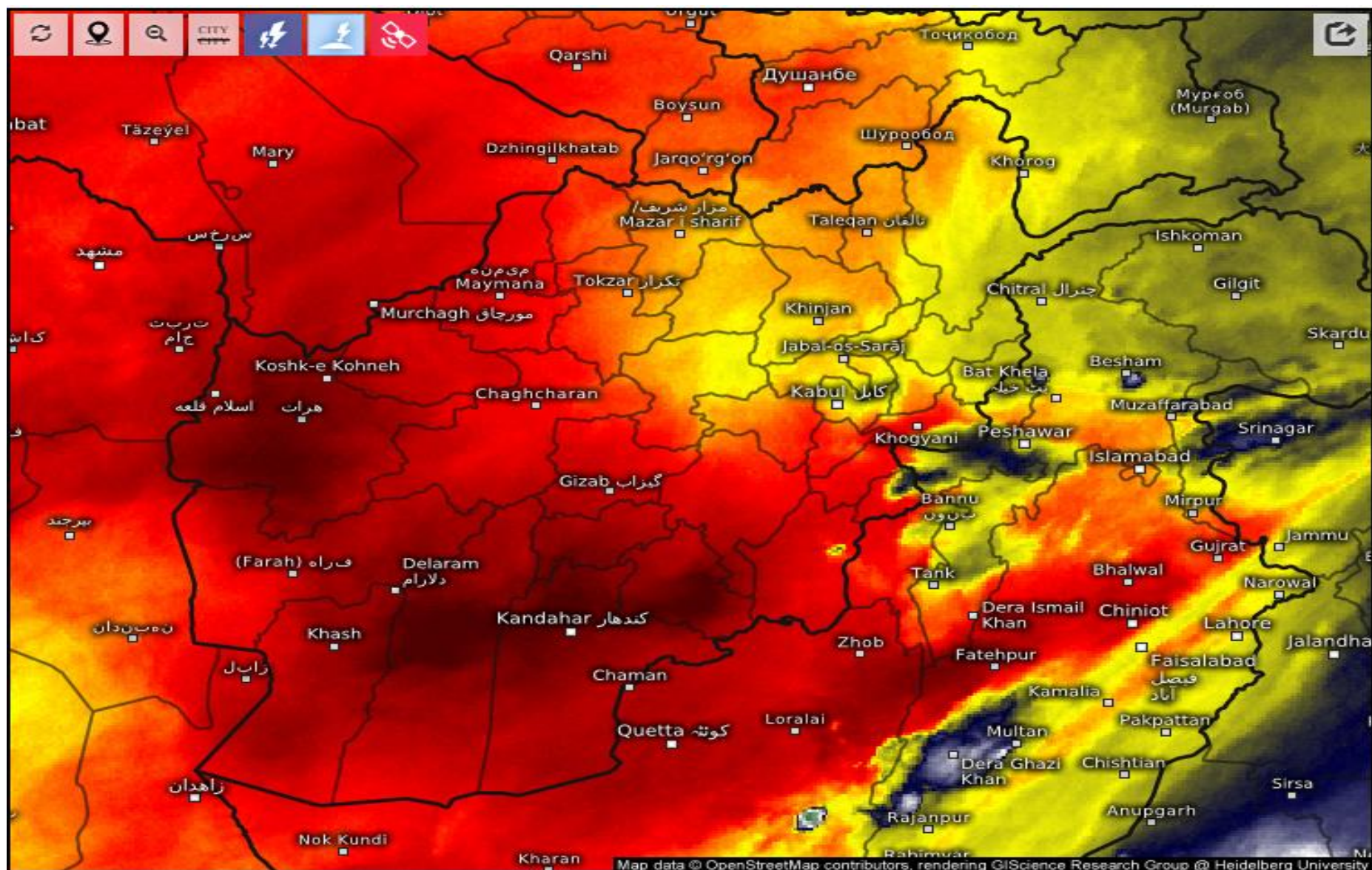


Cirrus

R = IR (12.0) - IR (10.8)
G = IR (10.8) - IR (6.5)
B = IR (10.8)

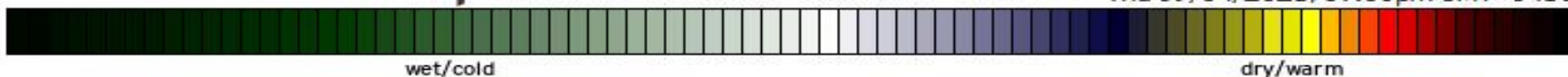
FY-4B Dust RGB Composite (From WMO)





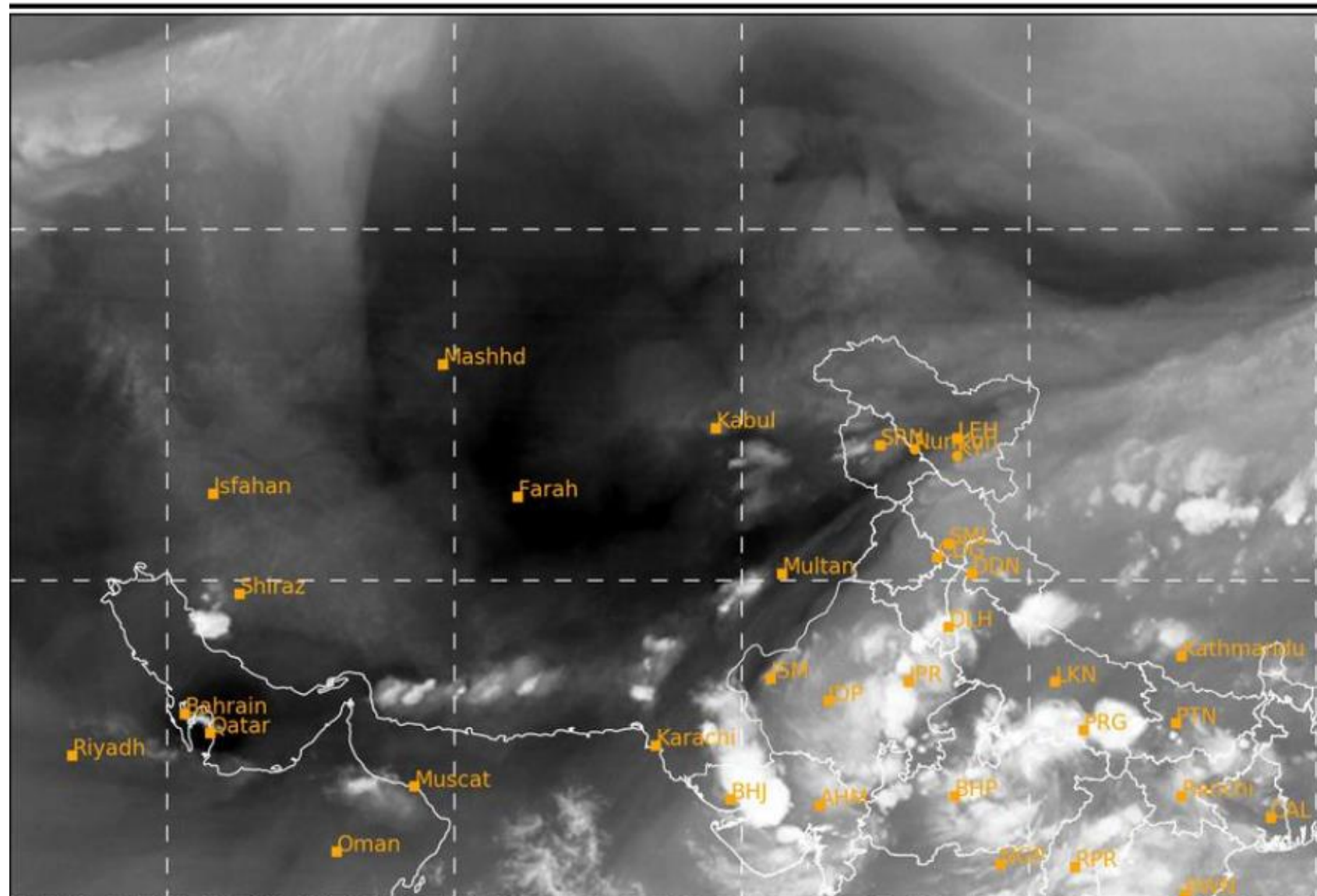
Satellite Water Vapor

Thu 09/04/2025, 07:00pm GMT+0430



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

04-09-2025/(1315 to 1342) GMT
04-09-2025/(1845 to 1912) IST



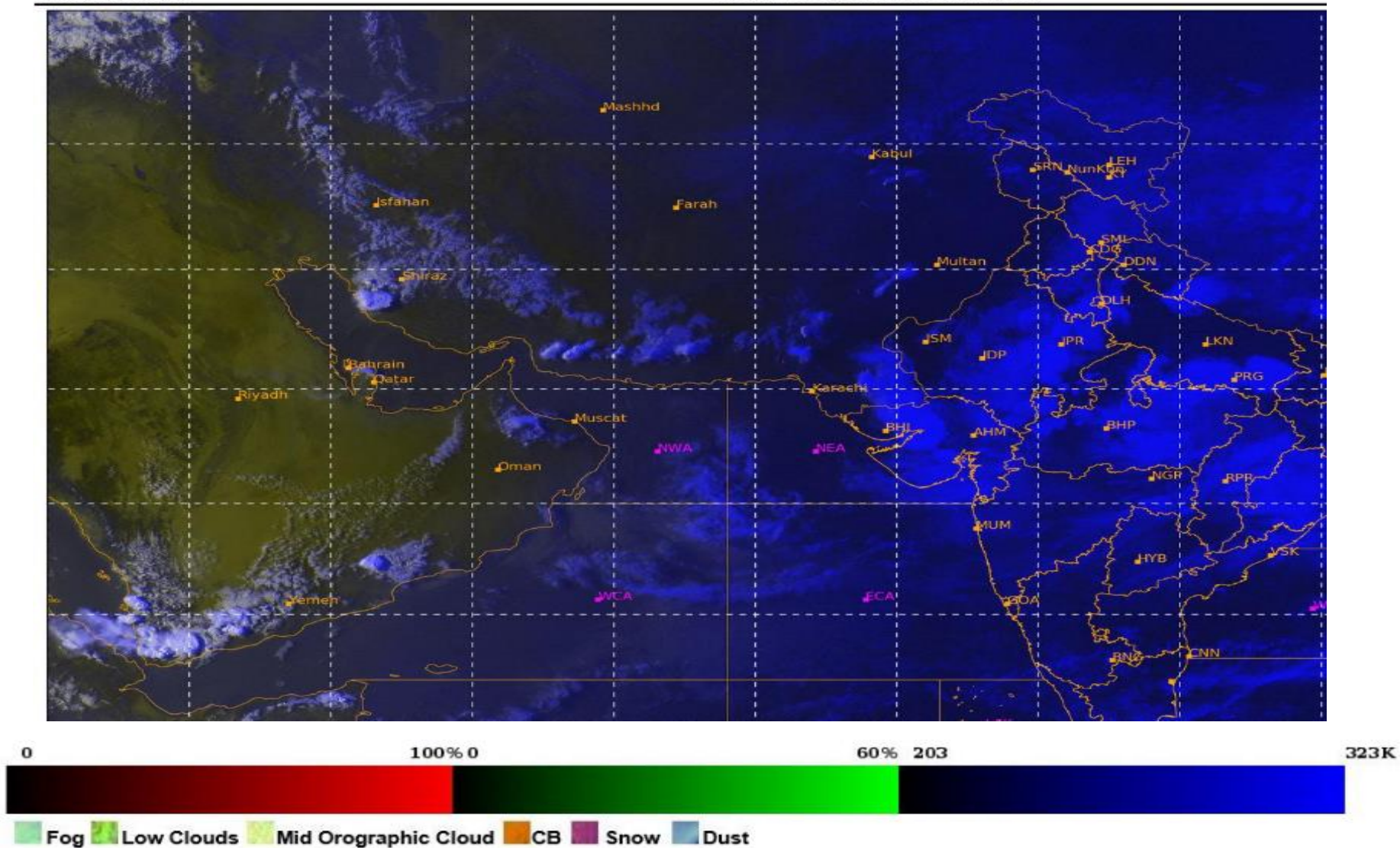
SAT : INSAT-3DR IMG

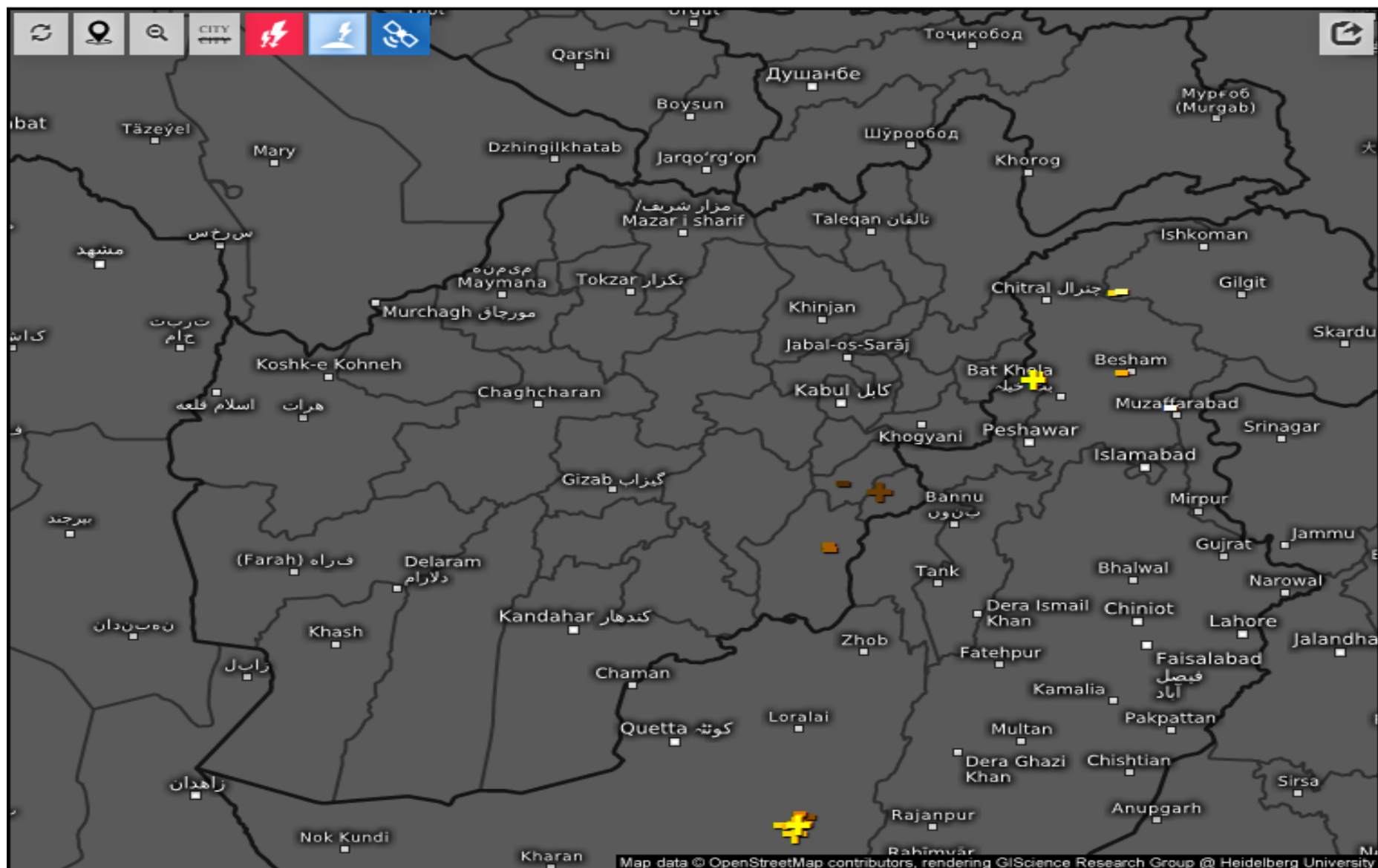
04-09-2025/(1315 to 1342) GMT

IMG_VIS 0.65 μm (R), IMG_VIS 0.65 μm (G), IMG_TIR1 10.8 μm (B)

L1C Mercator

04-09-2025/(1845 to 1912) IST





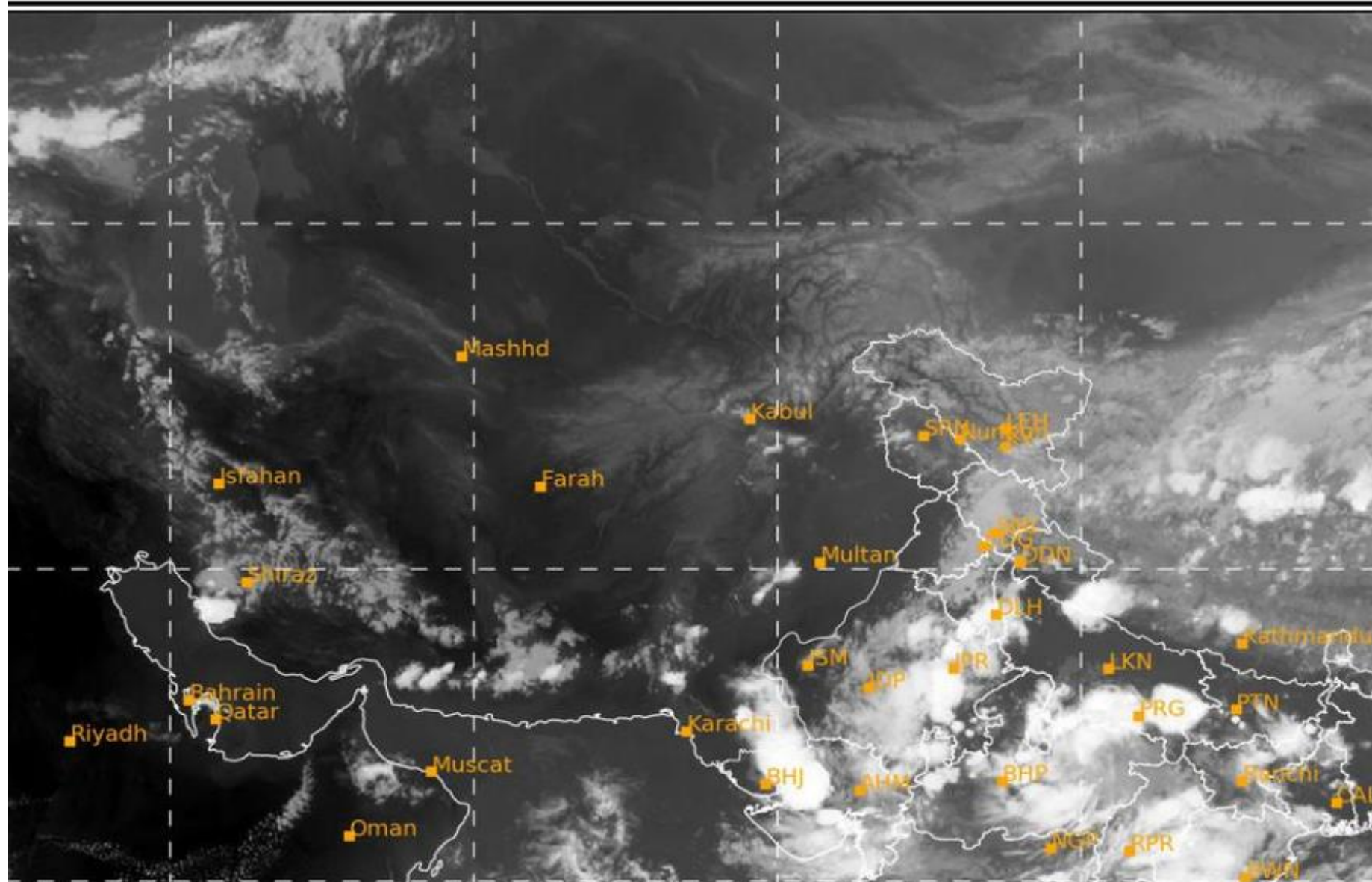
Age of lightning (minutes)

Thu 09/04/2025, 07:20pm GMT+0430



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

04-09-2025/(1315 to 1342) GMT
04-09-2025/(1845 to 1912) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-09-04 14:15(UTC)

