



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



Daily reports of Satellite imagery analysis. Date & Time: 18/08/2025, 00:00 UTC

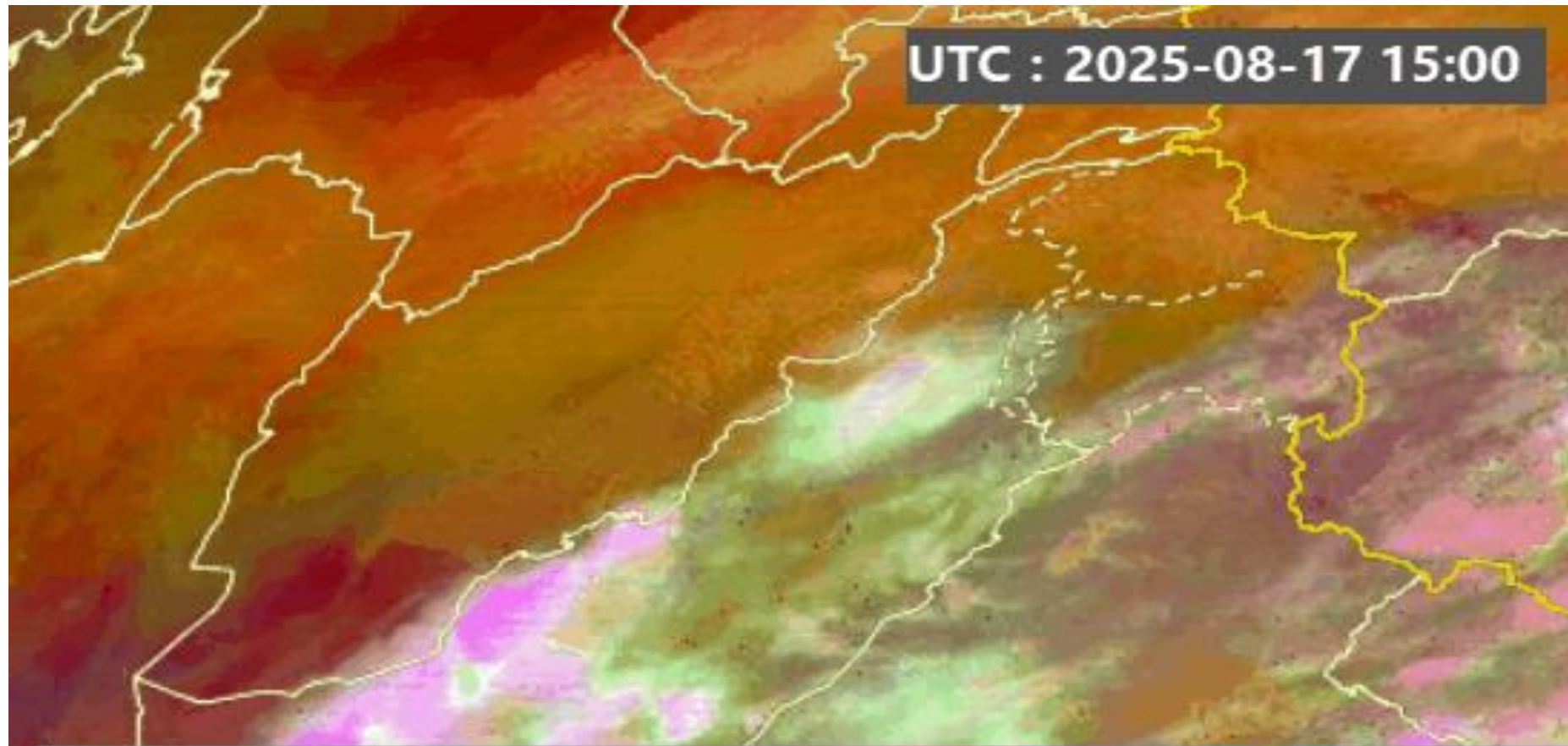
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	X	X	√ Dry	X	X	
2	South	✓	X	X	X	X	√ weak	X	X	
3	West	X	✓	X	X	X	√ weak	X	X	
4	East	✓	X	✓	✓	X	√ moderate	X	X	thunderstorm
5	central	✓	✓	✓	✓	X	√ weak	X	X	
6	Northeast	✓	X	X	✓	X	√ Dry	X	X	
7	Southeast	X	X	✓	✓	X	√ moderate	X	X	
8	Northwest	X	✓	X	X	X	√ Dry	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 and southwestern areas have cold air mass. The northern, western, central, northwestern and southwestern areas have dust. The eastern, central and southeastern areas have thunderstorm. The eastern, central, northeastern, southeastern areas have cloudy sky. The northern, northeastern and northwestern areas have dry water vapor the southern, western; central areas have weak water vapor the eastern, southeastern and southwestern areas are moderate.

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

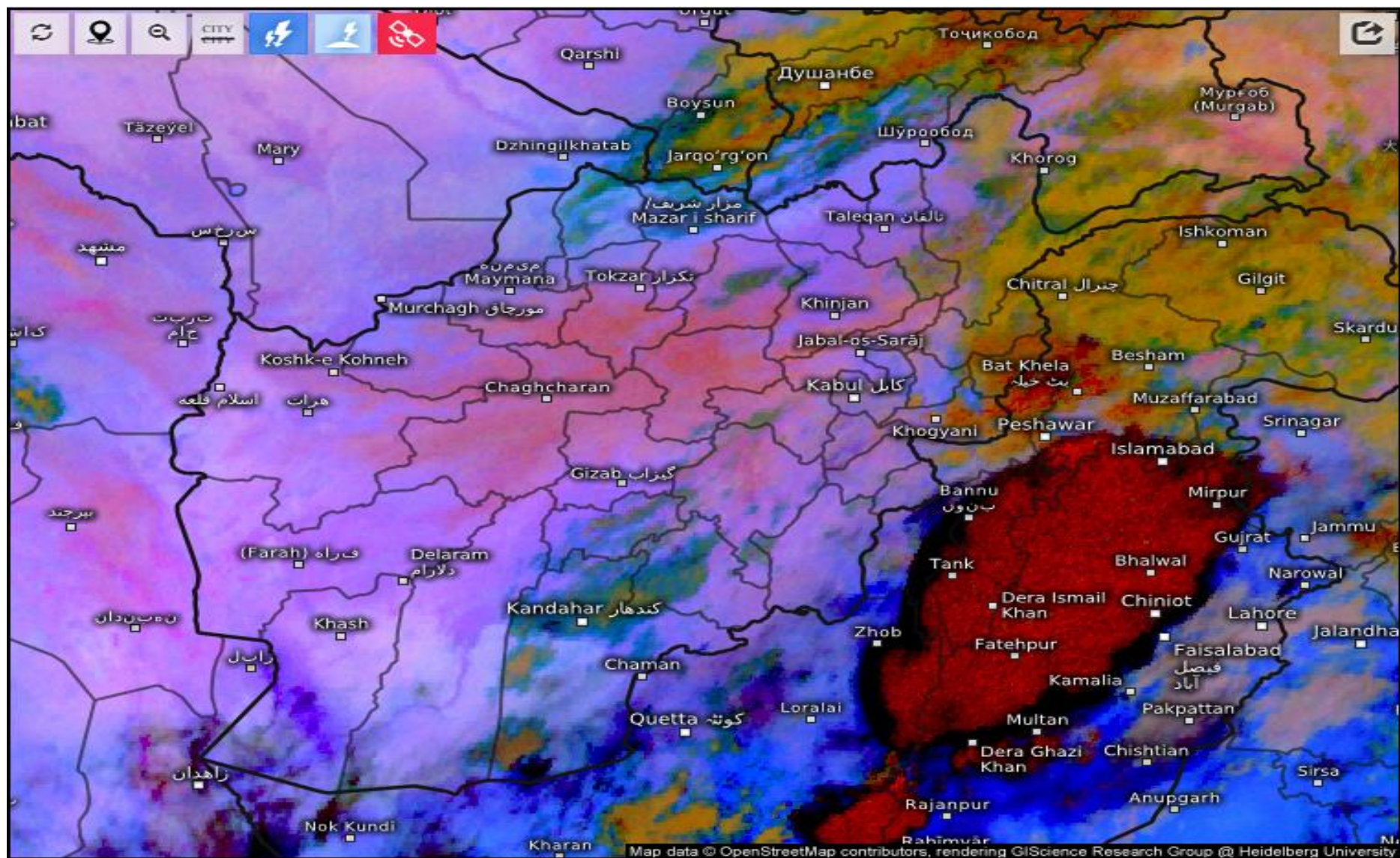
- Reported by: Esmatullah Mohammadi

UTC : 2025-08-17 15:00



FY-4B AirMass RGB Composite (From WMO)





Satellite Dust 

Mon 08/18/2025, 04:30am GMT+0430

UTC : 2025-08-17 08:00

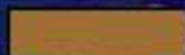
Dust



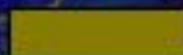
Dust



High-level cloud



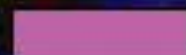
Thick,
mid-level cloud



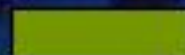
Thin,
mid-level cloud



Ocean



Land



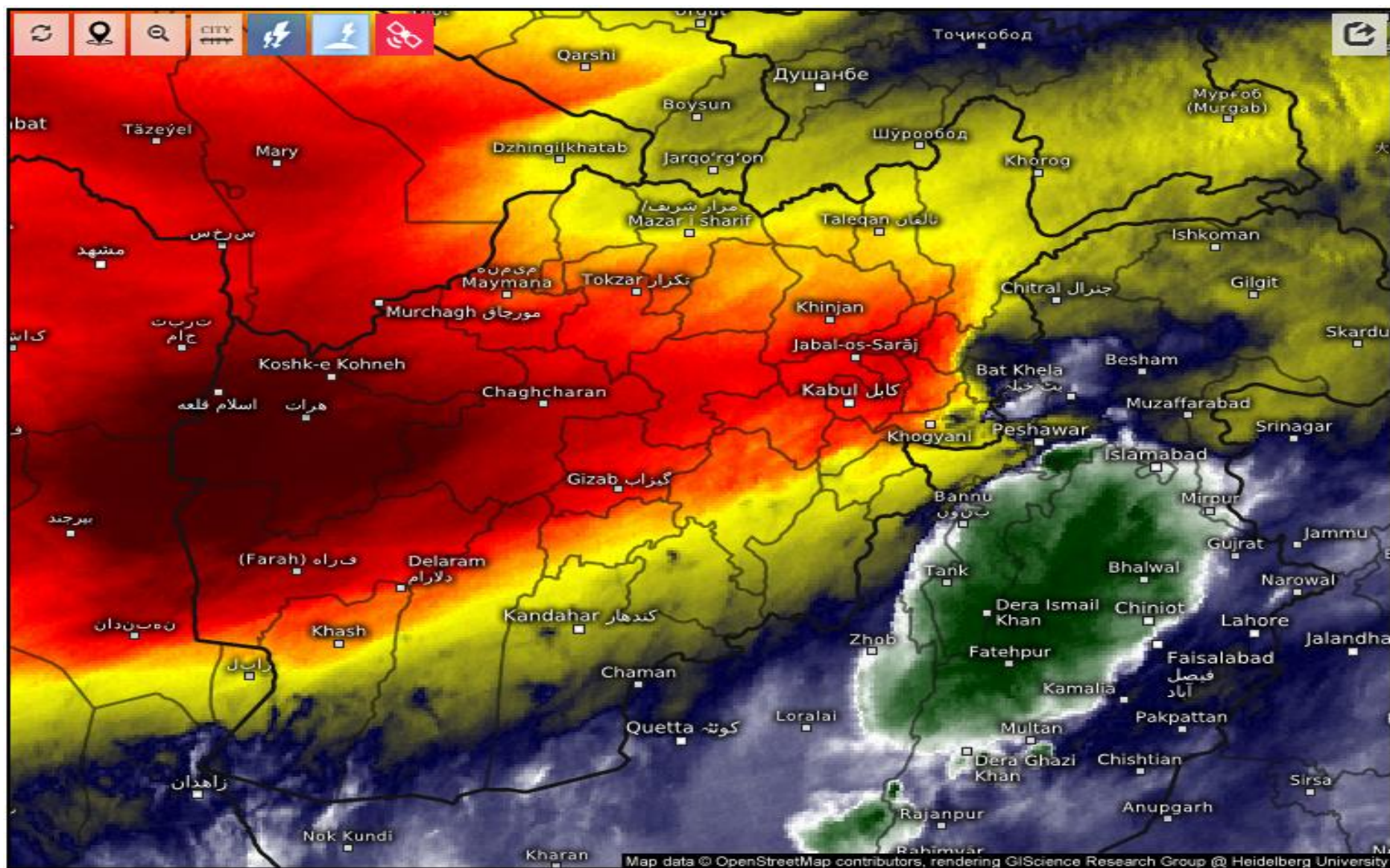
Low-level cloud



Cirrus

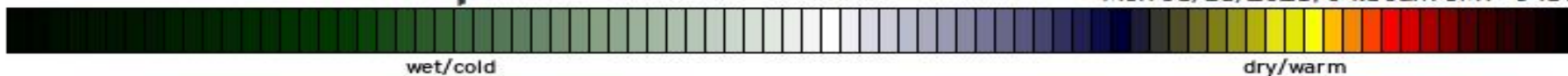
FY-4B Dust RGB Composite (From WMO)





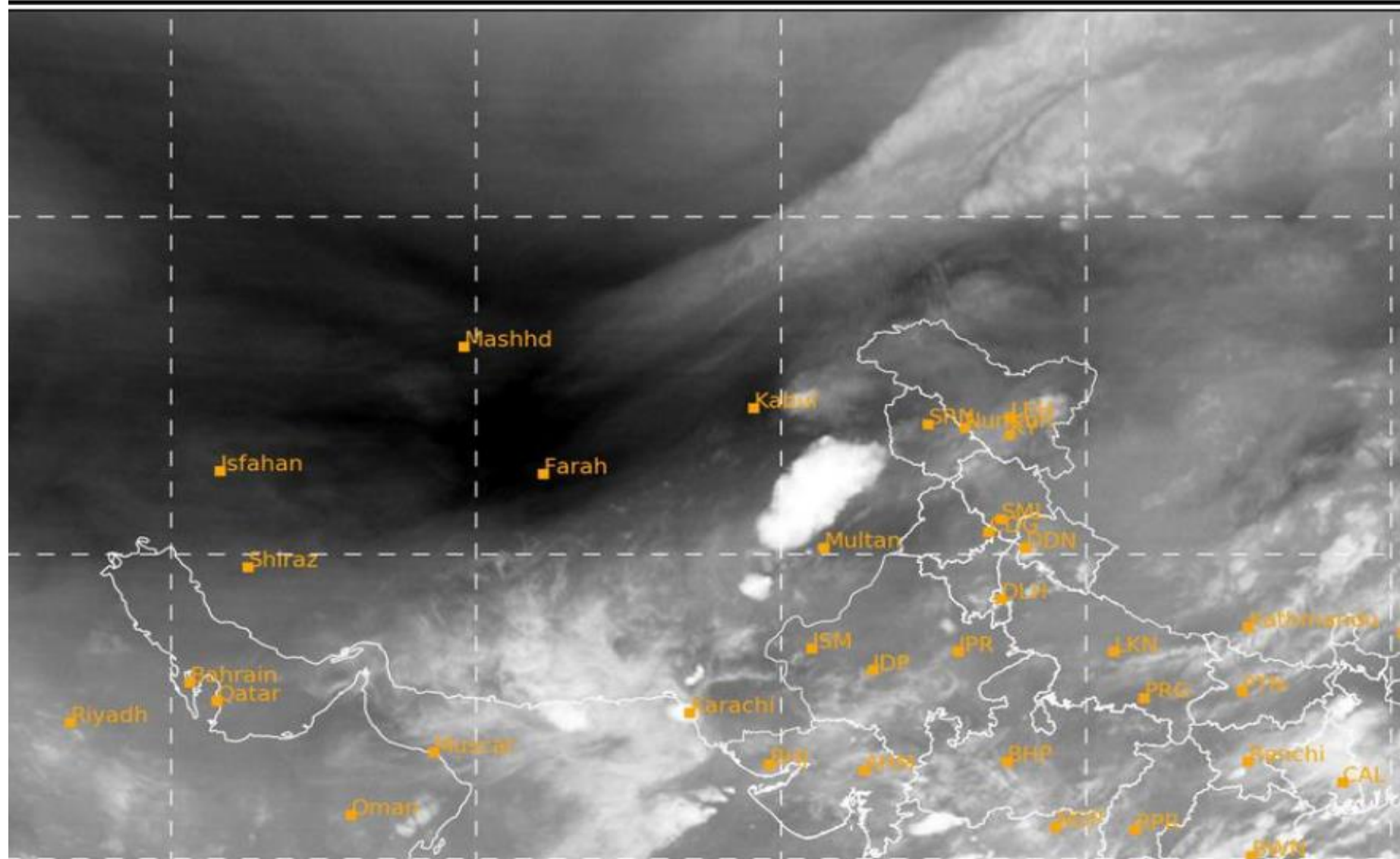
Satellite Water Vapor

Mon 08/18/2025, 04:30am GMT+0430



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

17-08-2025/(2245 to 2312) GMT
18-08-2025/(0415 to 0442) IST



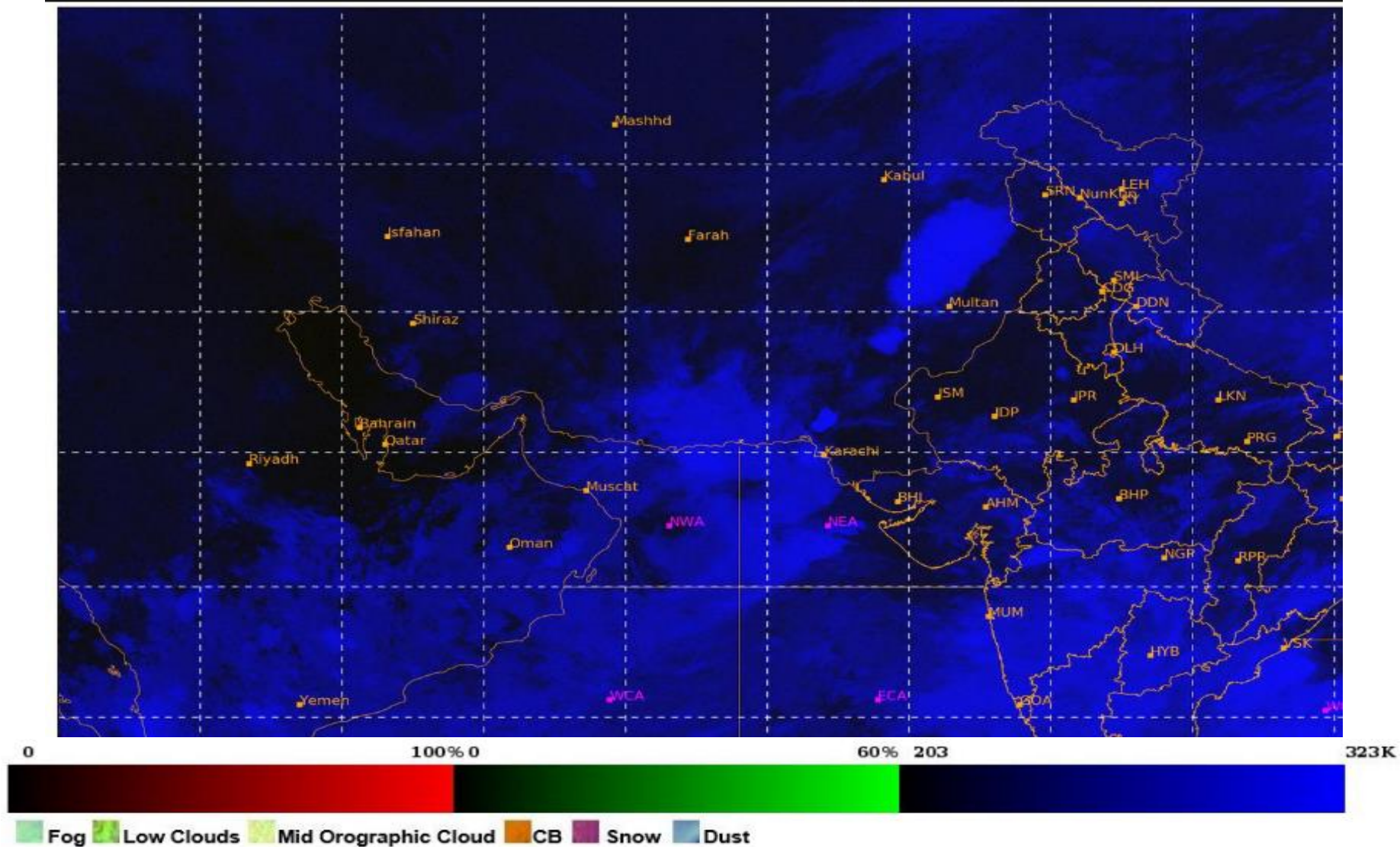
SAT : INSAT-3DR IMG

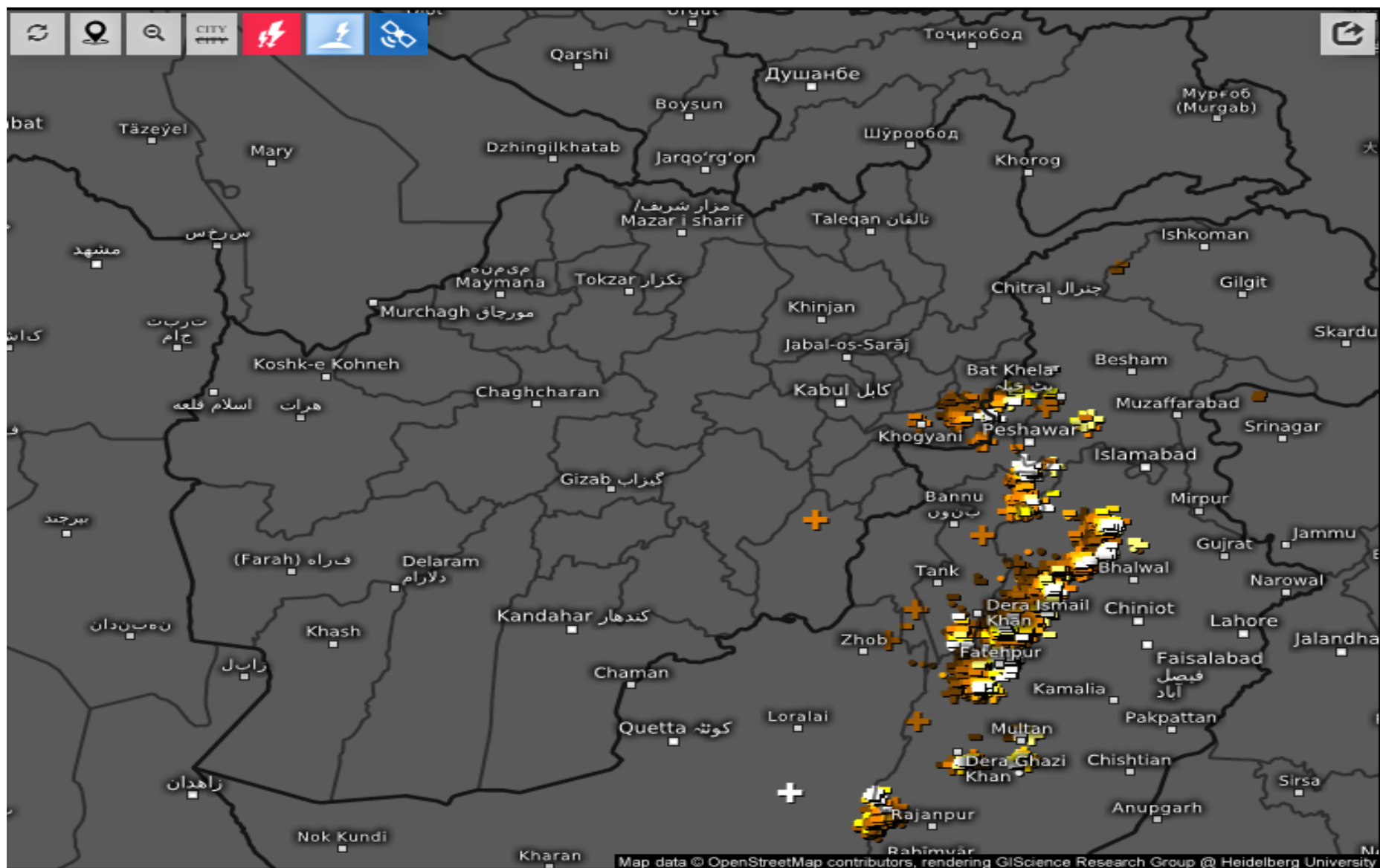
17-08-2025/(2315 to 2342) GMT

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

L1C Mercator

18-08-2025/(0445 to 0512) IST





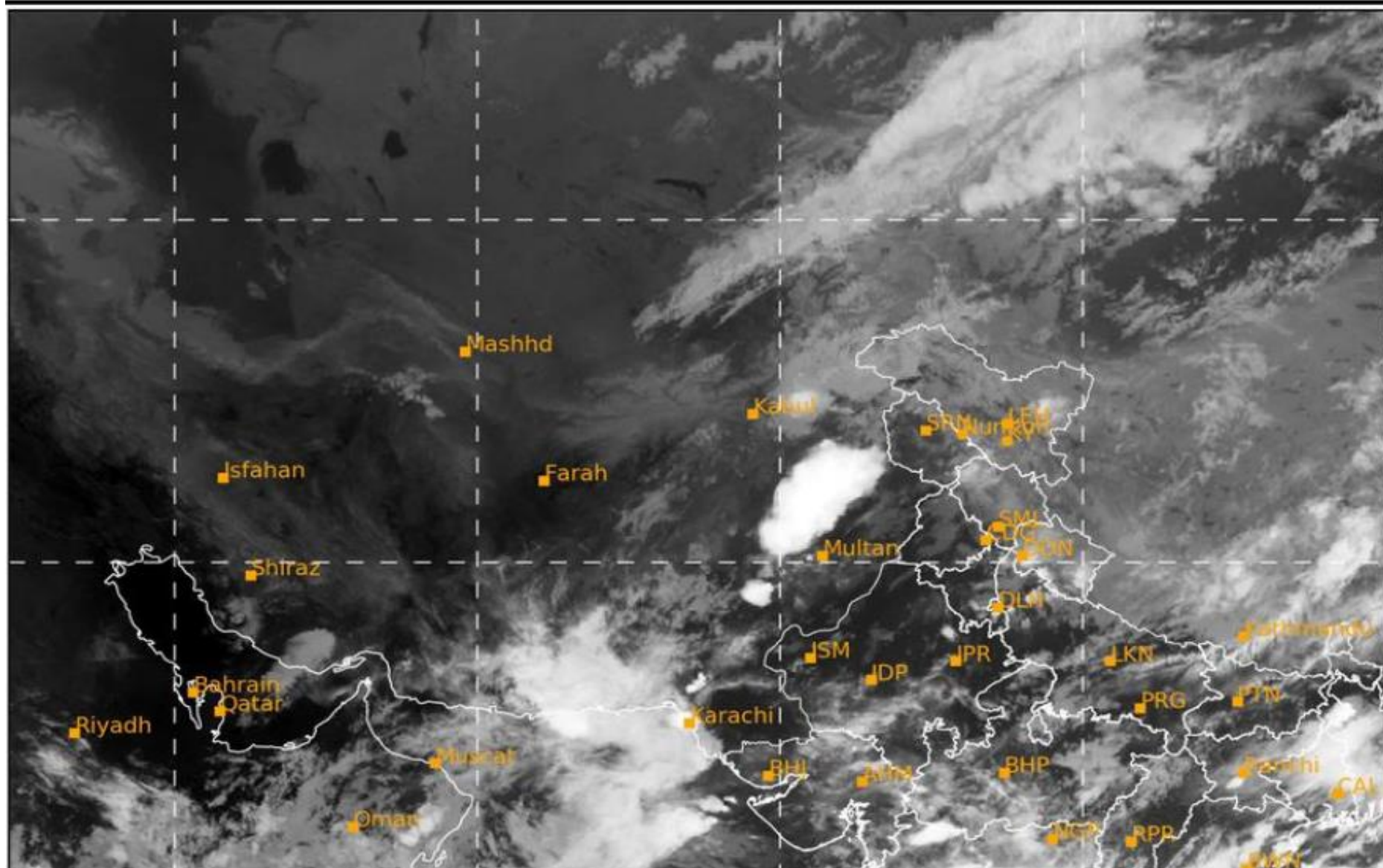
Age of lightning (minutes) 

Mon 08/18/2025, 04:50am GMT+0430



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

17-08-2025/(2245 to 2312) GMT
18-08-2025/(0415 to 0442) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-08-18 00:00(UTC)

