



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



Daily reports of Satellite imagery analysis. Date & Time: 12/08/2025, 00:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	√ weak	X	X	
2	South	X	✓	X	X	X	√ moderate	X	X	
3	West	X	✓	X	X	X	√ weak	X	X	
4	East	✓	X	X	✓	X	√ moderate	X	X	
5	central	✓	X	X	X	X	√ weak	X	X	
6	Northeast	✓	X	X	✓	X	√ weak	X	X	
7	Southeast	X	X	X	X	X	√ moderate	X	X	
8	Northwest	X	✓	X	X	X	√ weak	X	X	
9	Southwest	X	✓	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, northwestern and southwestern areas have dust. The eastern, northeastern areas have cloudy sky. The all region have weak water vapor with the exception of southern, eastern, southeastern and southwestern areas are moderate.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-08-12 00:00

AirMass

Thick,
high-level cloud

Thick,
mid-level cloud

Thick,
low-level cloud

Jet

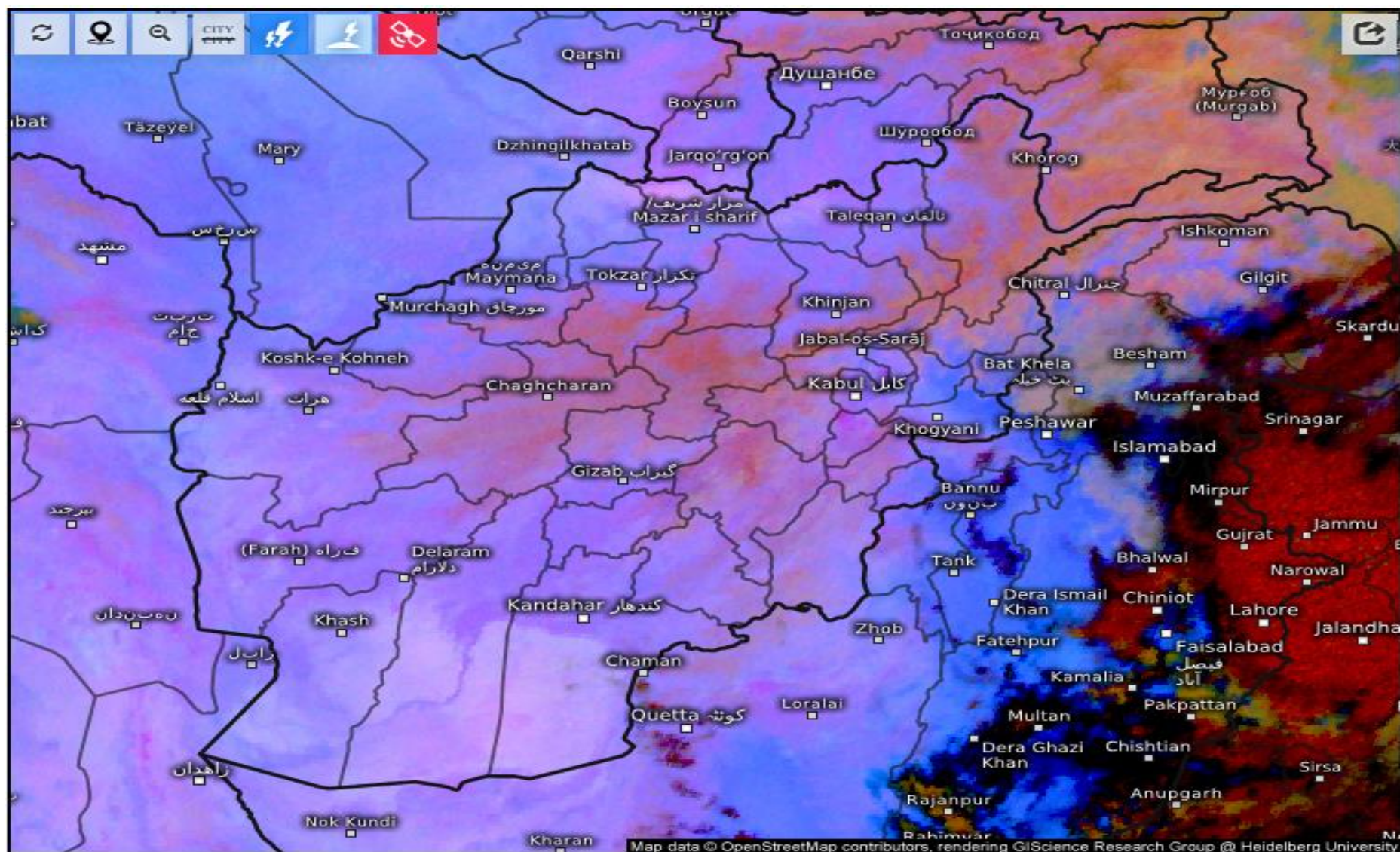
Cold Airmass

Warm Airmass
(high UTH)

Warm Air
(low UTH)

FY-4B AirMass RGB Composite (From WMO)

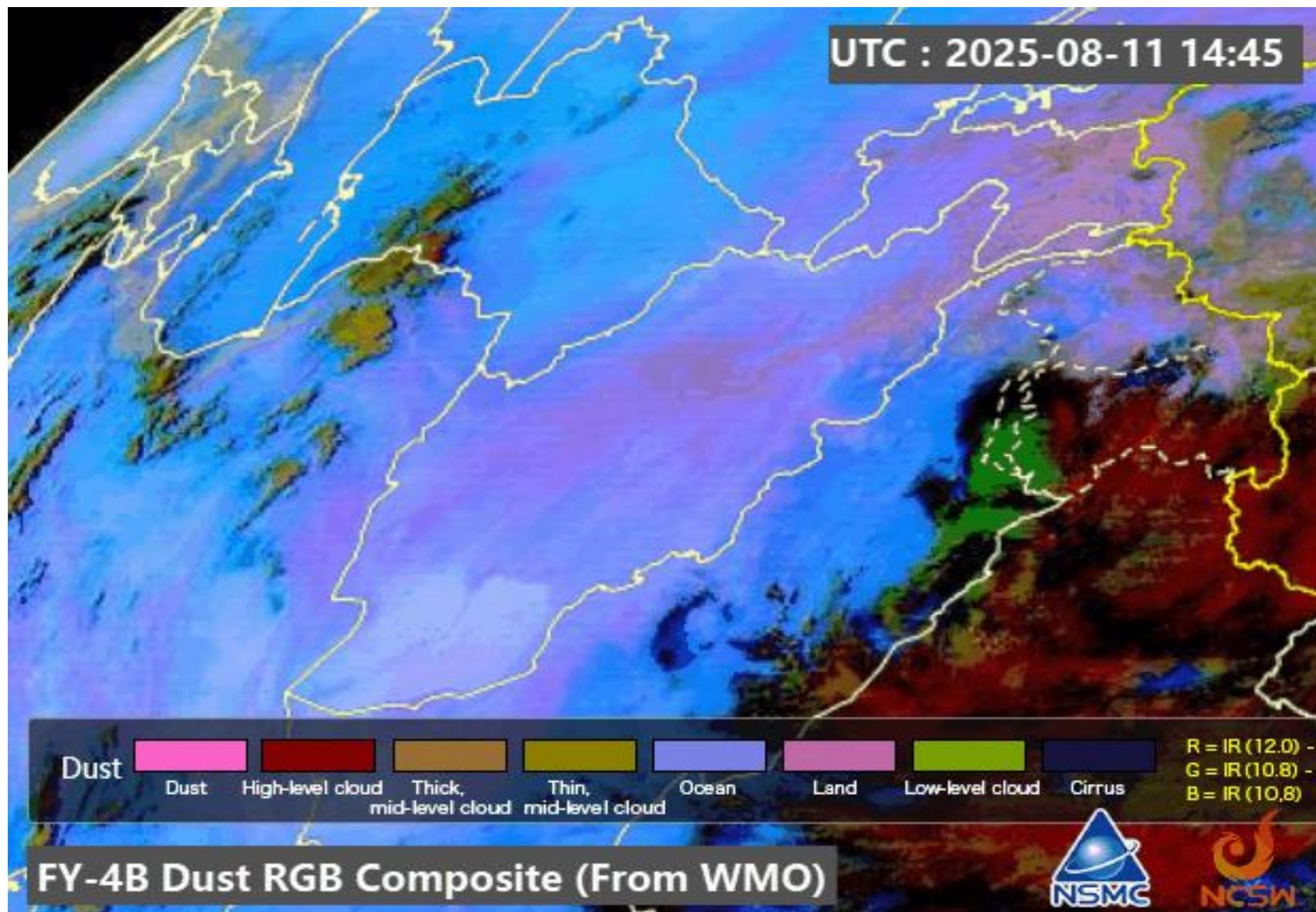


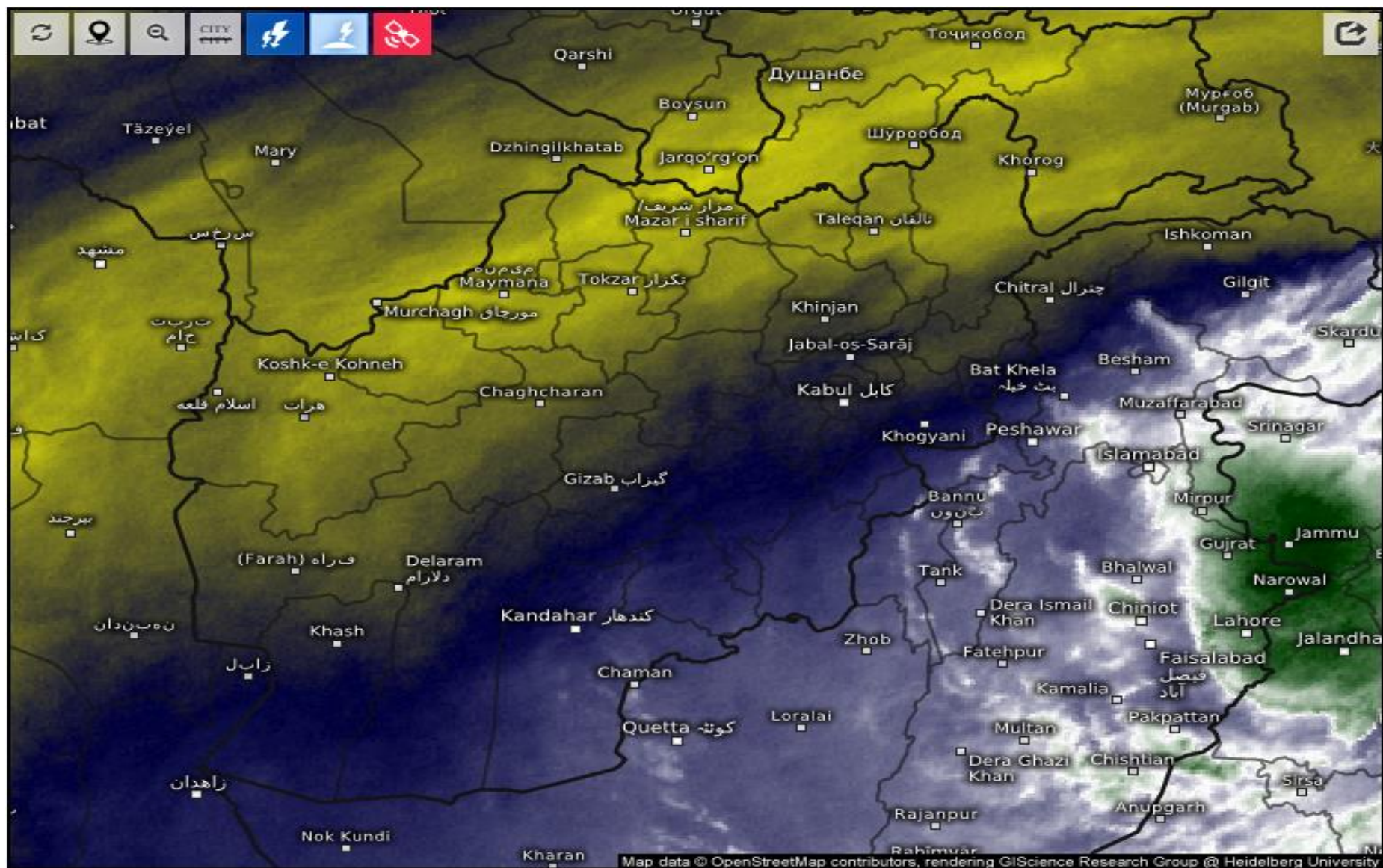


Satellite Dust 

Tue 08/12/2025, 04:15am GMT+0430

UTC : 2025-08-11 14:45





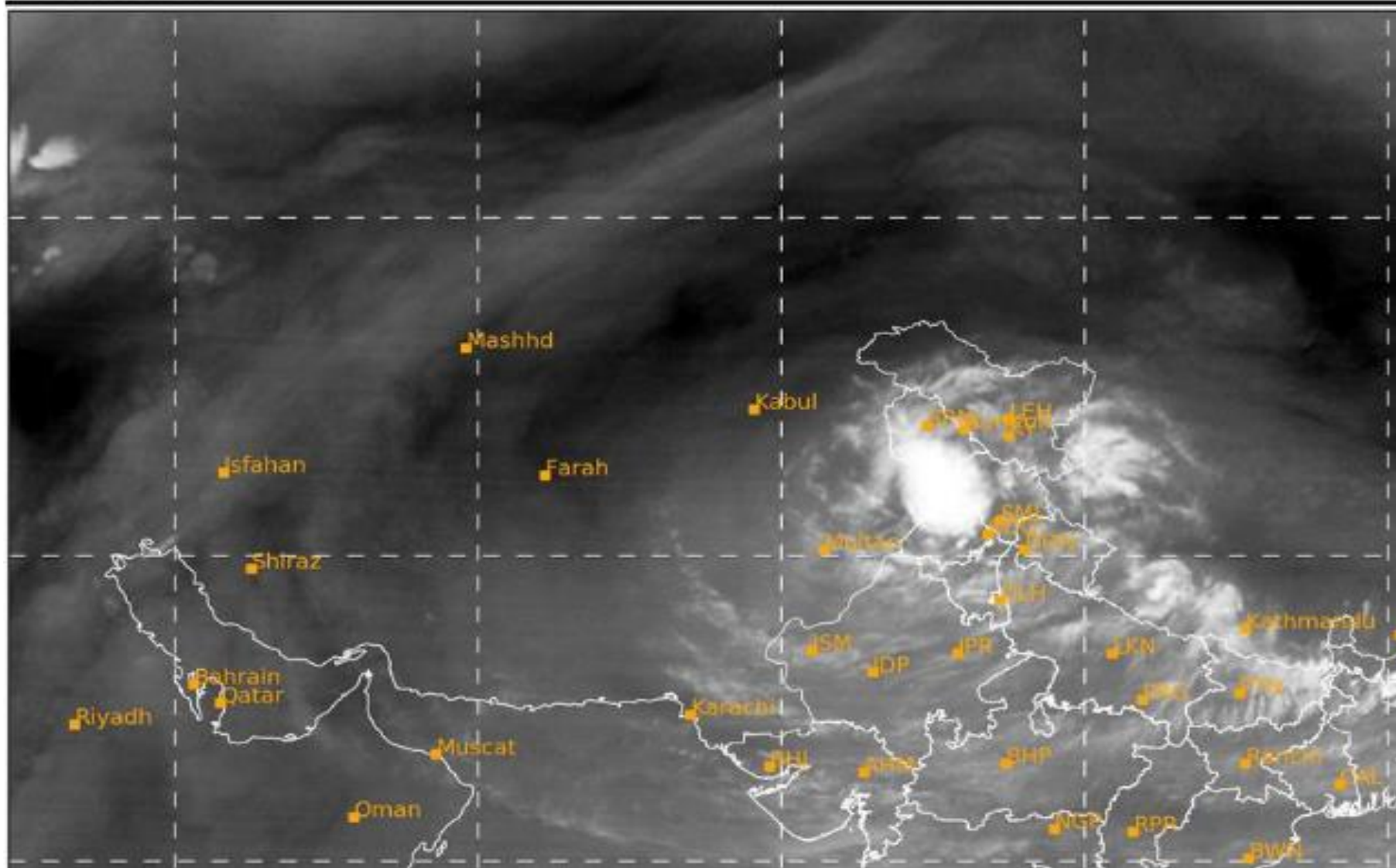
Satellite Water Vapor

Tue 08/12/2025, 04:15am GMT+0430



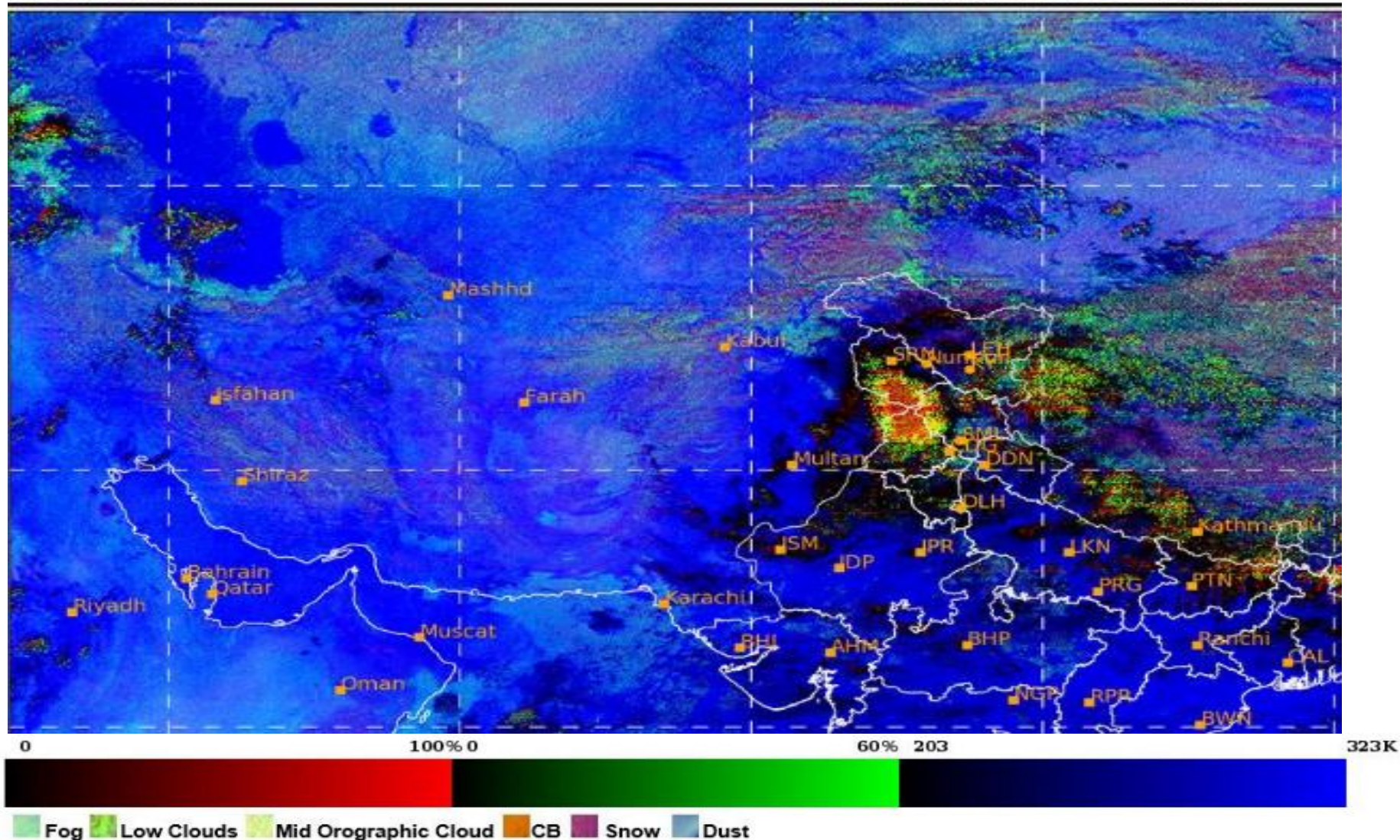
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

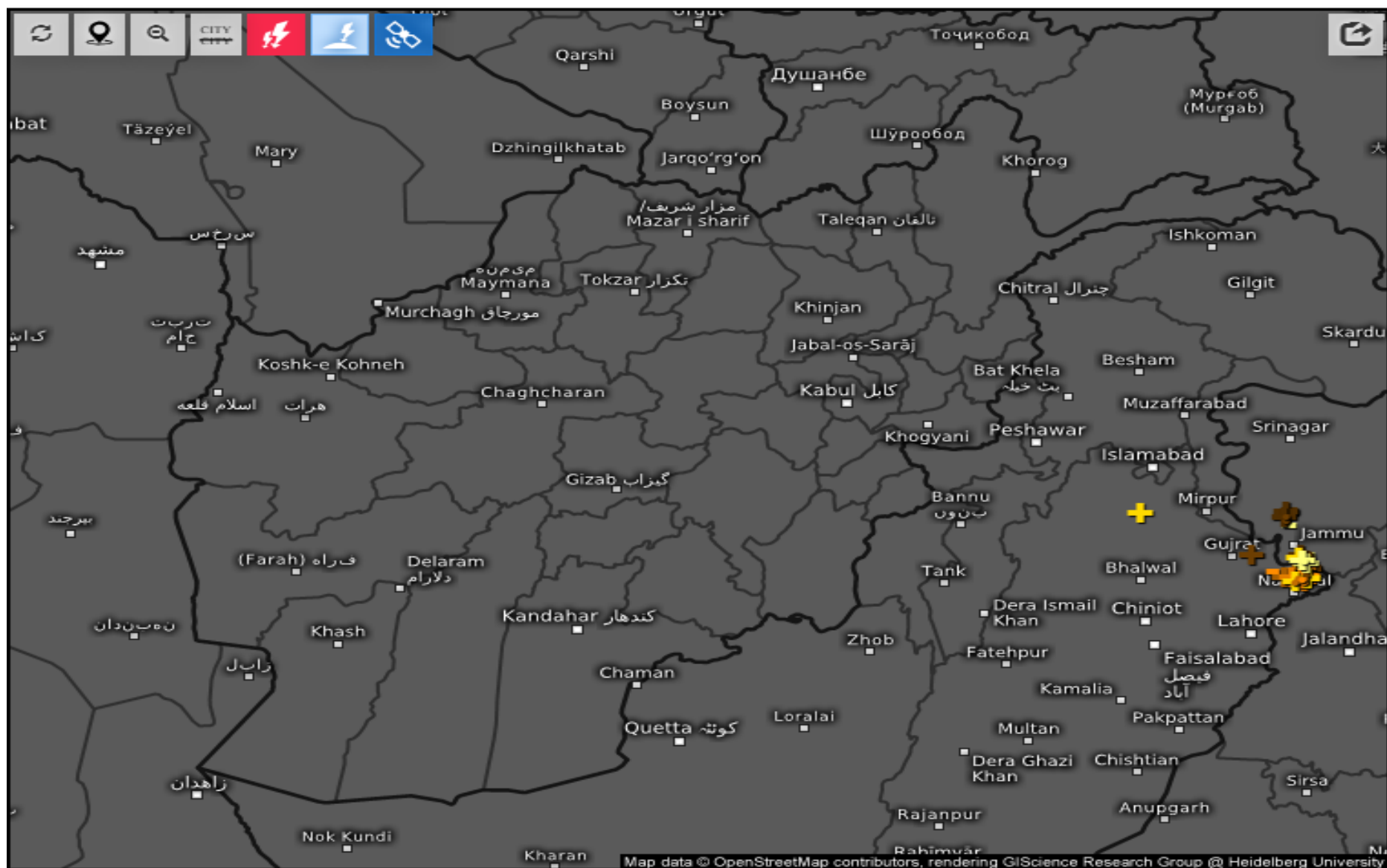
11-08-2025/(2245 to 2312) GMT
12-08-2025/(0415 to 0442) IST



L1C Mercator

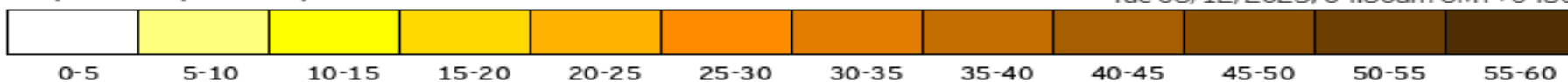
12-08-2025/(0415 to 0442) IST





Age of lightning (minutes) 

Tue 08/12/2025, 04:30am GMT+0430



Live satellite map, Afghanistan



Cloud Top Height

2025-08-11 23:30(UTC)

