



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



Daily reports of Satellite imagery analysis. Date & Time: 12/06/2025, 15:00 UTC, Number of reports: 1037

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

Details: According to satellite imagery analysis, the southern, western, central, northeastern, northwestern, southwestern and southeastern areas have worm air mass (High UTH). The southern, western, southeastern, northwestern and southwestern areas have dust. The northeastern areas have thunderstorm. The northern, eastern, central, northwestern and northeastern have cloudy sky. The northern, eastern, central and northeastern areas have moderate water vapor the southern, western, southeastern, northwestern and southwestern areas are dry.

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

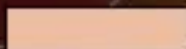
- Reported by: Esmatullah Mohammadi

UTC : 2025-06-12 05:30

AirMass



Thick,
high-level cloud



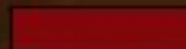
Thick,

mid-level cloud

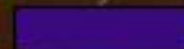


Thick,

low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)

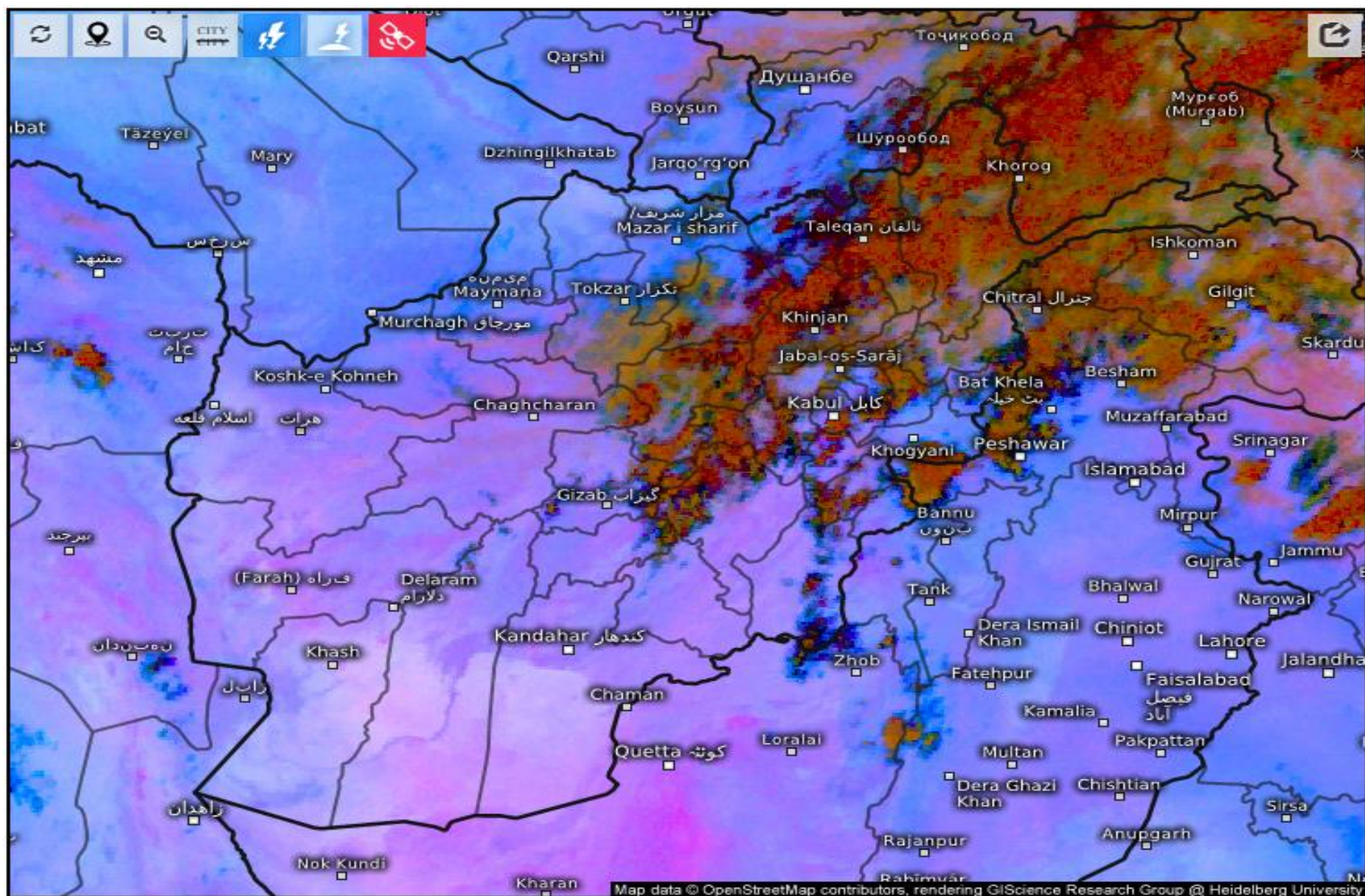


Warm Airmass
(low UTH)

R=
G=
B=

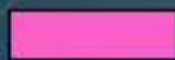
FY-4B AirMass RGB Composite (From WMO)



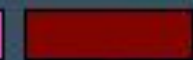


UTC : 2025-06-12 05:30

Dust



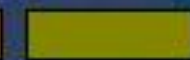
Dust



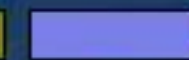
High-level cloud



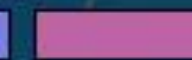
Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



Low-level cloud

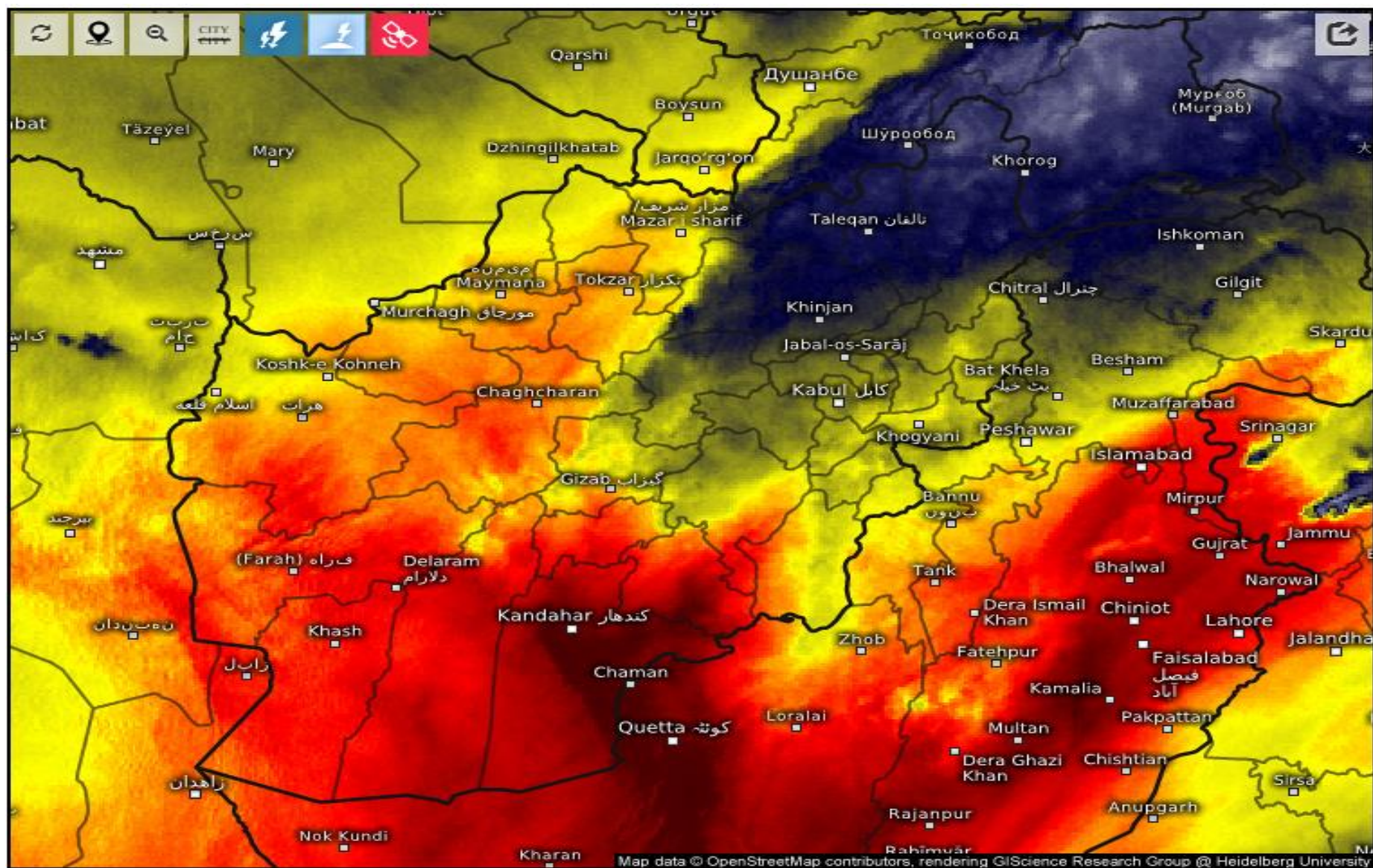


Cirrus

R = IR
G = IR
B = IR

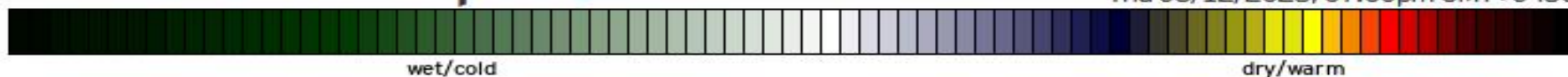
FY-4B Dust RGB Composite (From WMO)





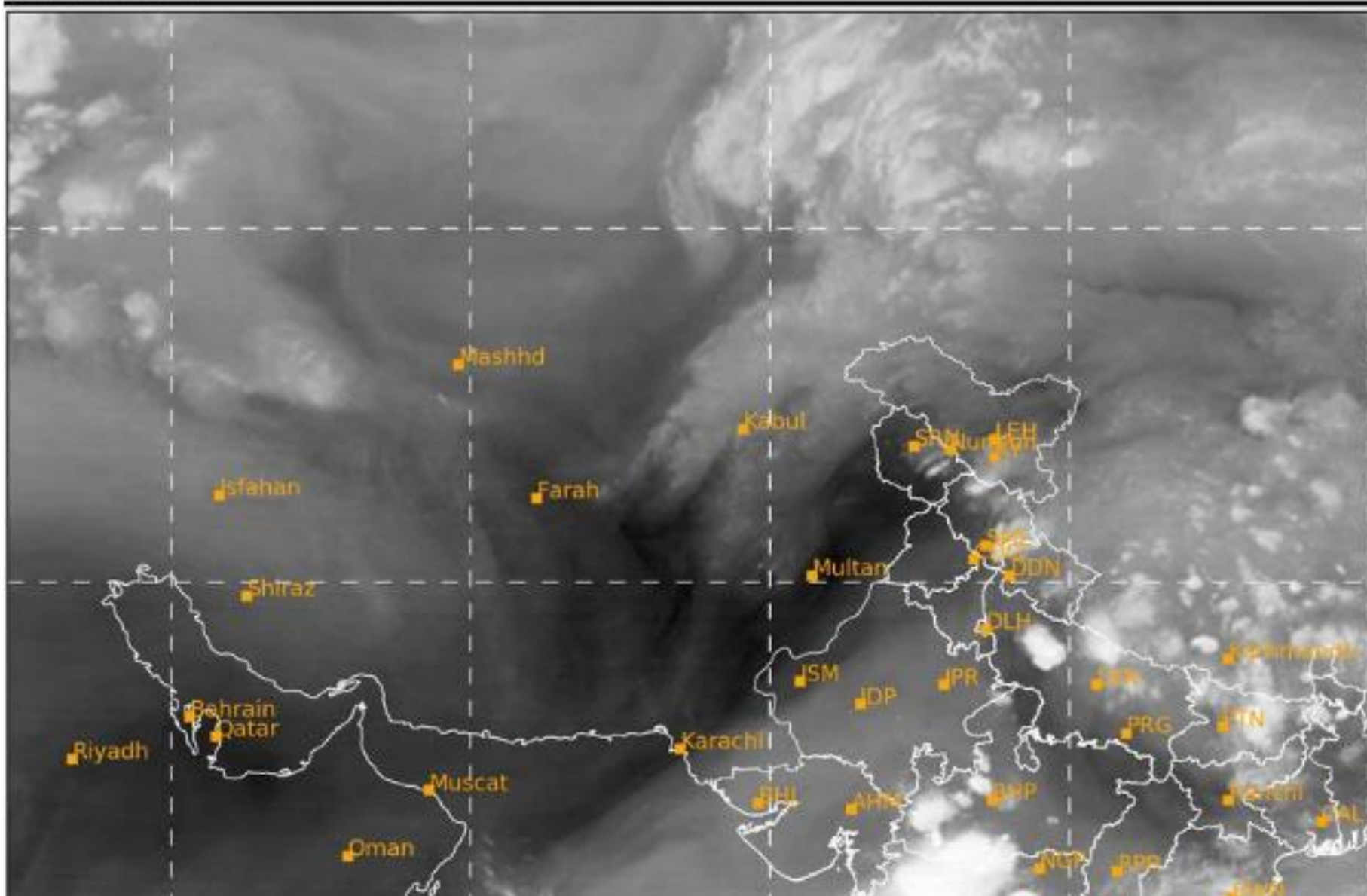
Satellite Water Vapor

Thu 06/12/2025, 07:00pm GMT+0430



L1C Mercator

12-06-2025/(1845 to 1912) IST



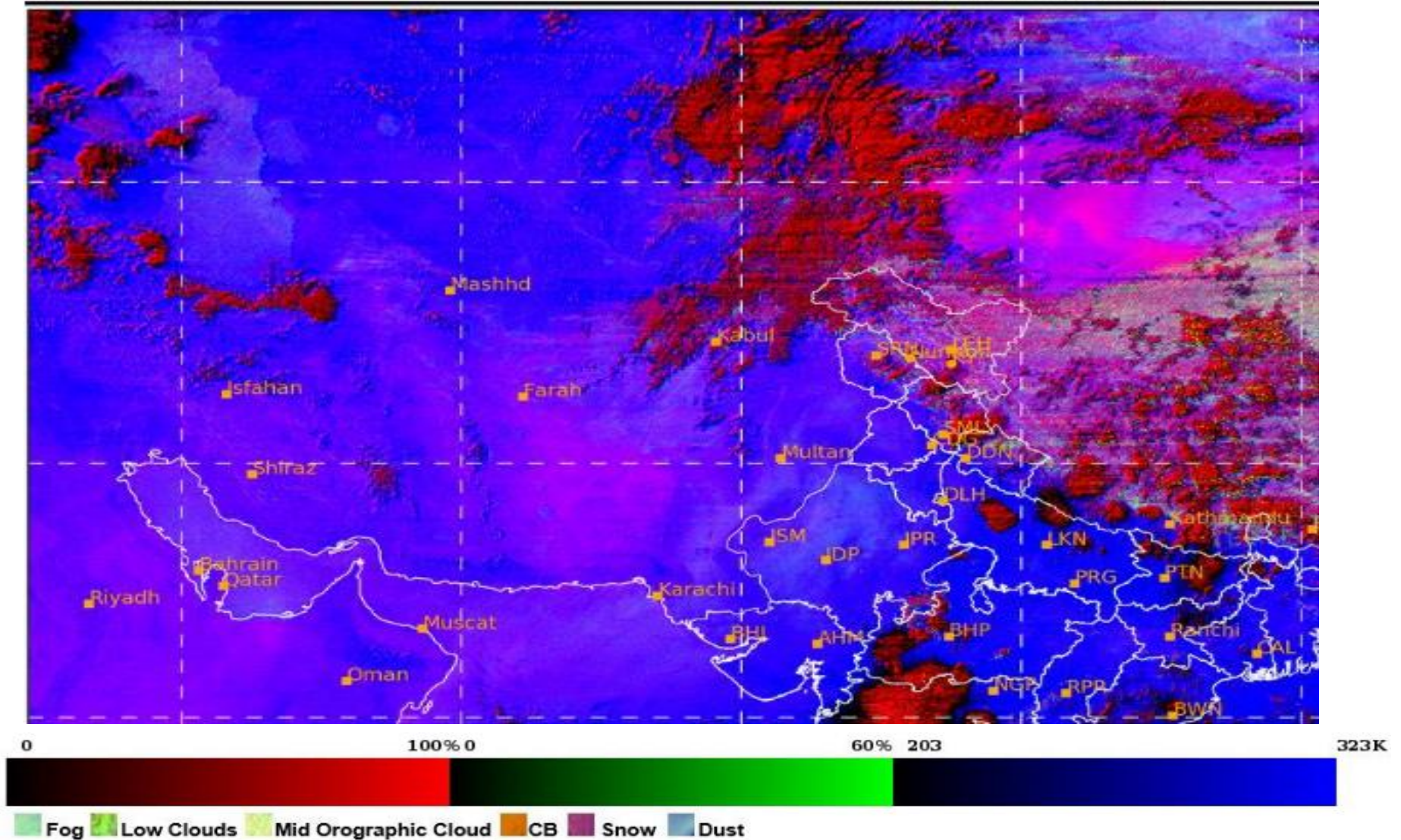
SAT : INSAT-3DR IMG

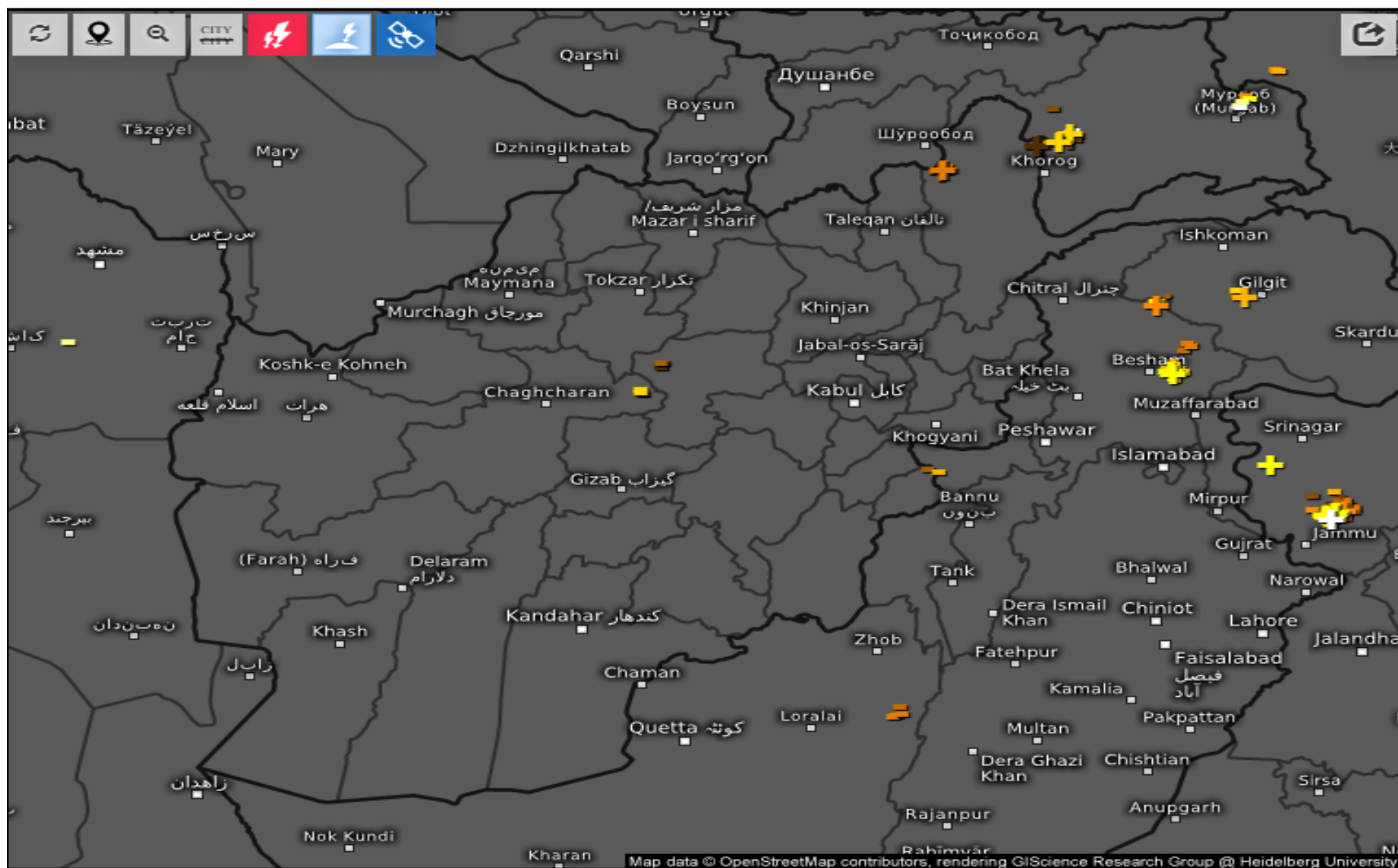
12-06-2025/(1315 to 1342) GMT

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

L1C Mercator

12-06-2025/(1845 to 1912) IST





Age of lightning (minutes) 

Thu 06/12/2025, 07:00pm GMT+0430



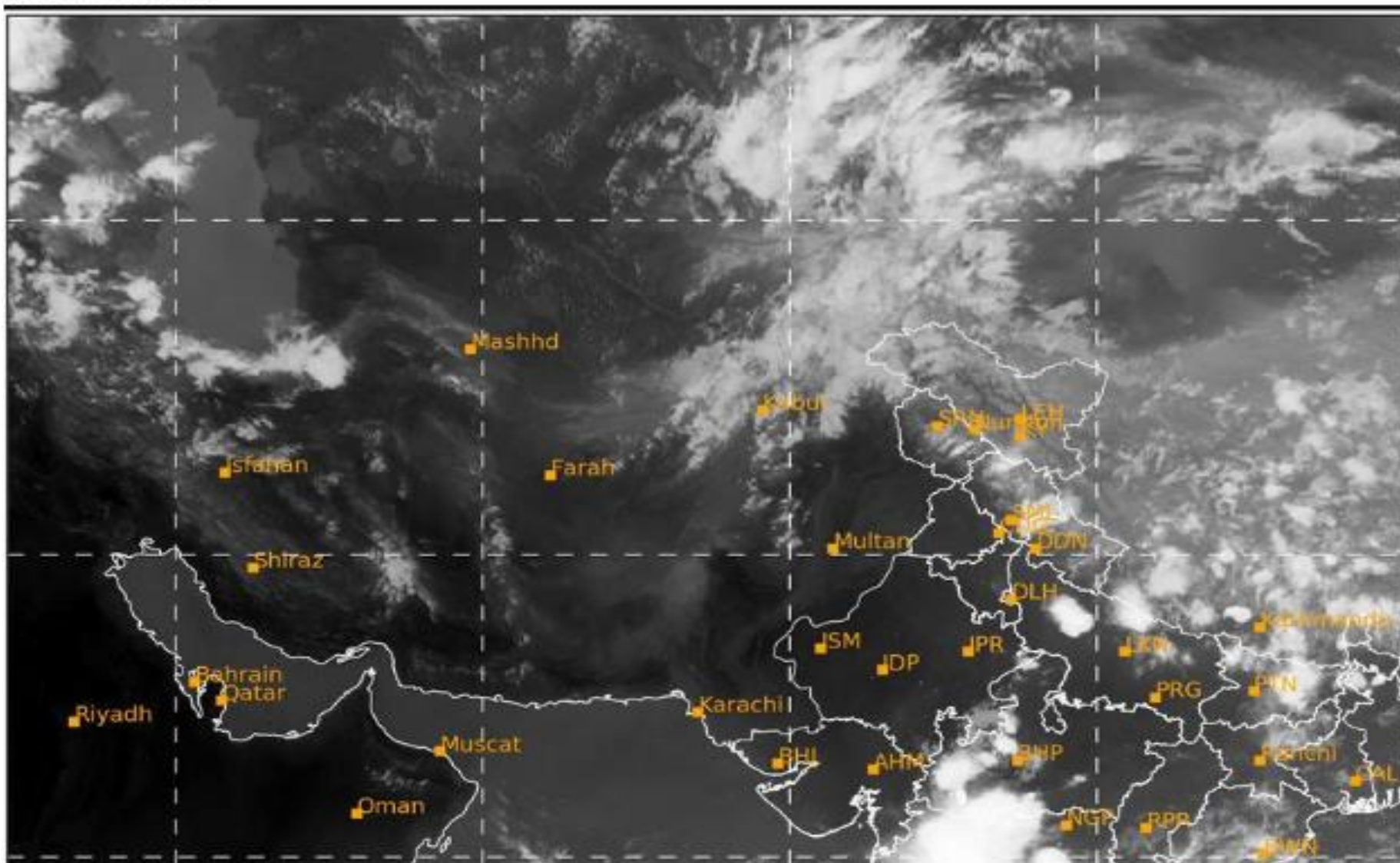
SAT : INSAT-3DR IMG

IMG TIR1 10.8 um

L1C Mercator

12-06-2025/(1315 to 1342) GMT

12-06-2025/(1845 to 1912) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-06-12 14:15(UTC)

