



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



Daily reports of Satellite imagery analysis. Date & Time: 10/06/2025, 15:00 UTC, Number of reports: 1032

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	X	X	√ weak	X	X	
3	West	✓	X	X	✓	X	√ moderate	X	X	
4	East	X	X	X	✓	X	√ moderate	X	X	
5	central	✓	X	X	✓	X	√ moderate	X	X	
6	Northeast	✓	X	X	✓	X	√ moderate	X	X	
7	Southeast	✓	✓	X	X	X	√ weak	X	X	
8	Northwest	✓	X	X	X	X	√ moderate	X	X	
9	Southwest	✓	X	X	X	X	√ weak	X	X	

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

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

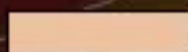
- Reported by: Esmatullah Mohammadi

UTC : 2025-06-10 05:15

AirMass



Thick,
high-level cloud



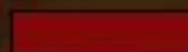
Thick,

mid-level cloud

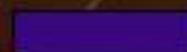


Thick,

low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)

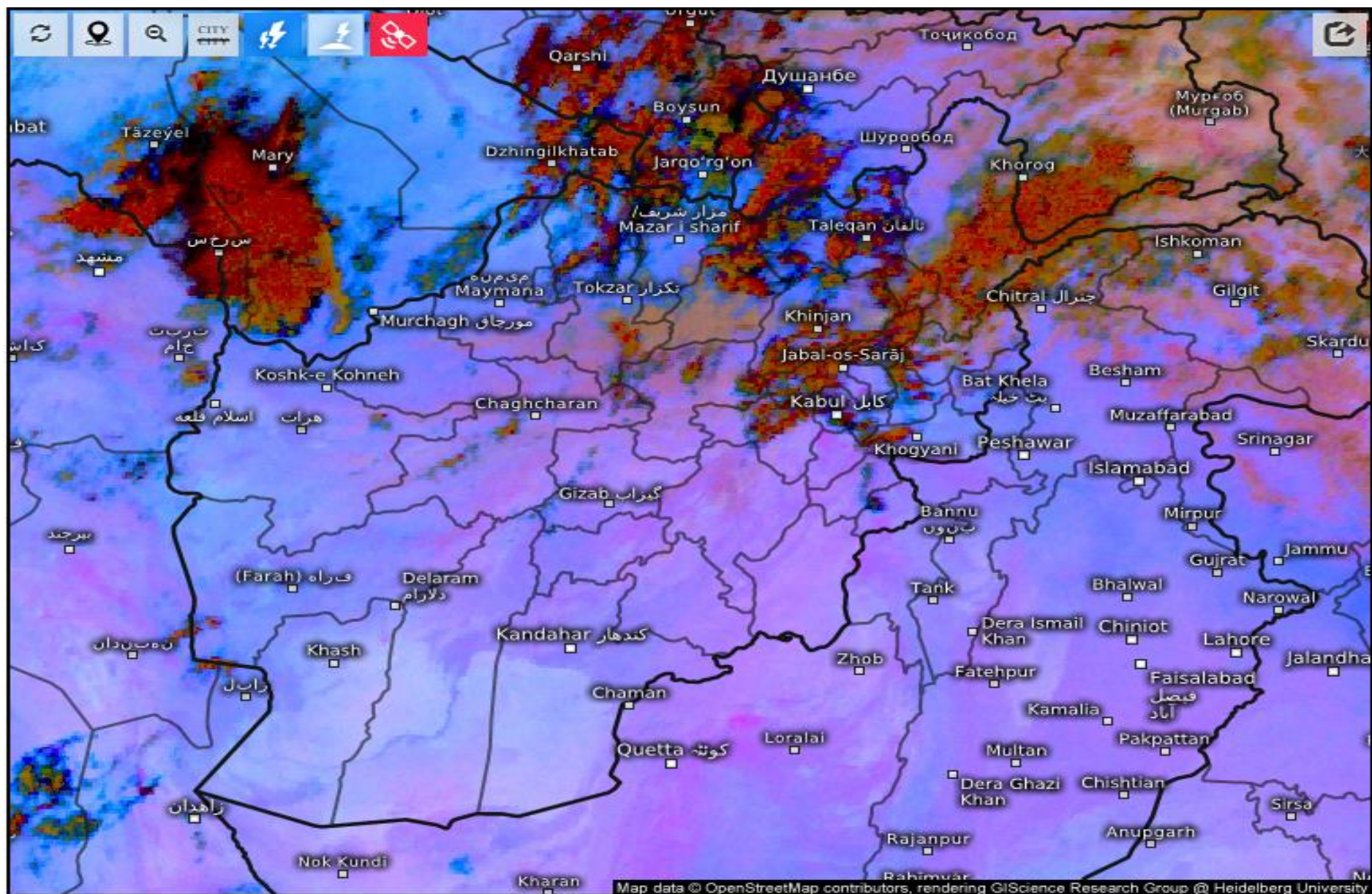


Warm Airmass
(low UTH)

R=
G=
B=

FY-4B AirMass RGB Composite (From WMO)



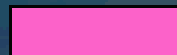


Satellite Dust 

Tue 06/10/2025, 07:00pm GMT+0430

UTC : 2025-06-10 05:15

Dust



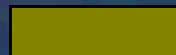
Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



Low-level cloud

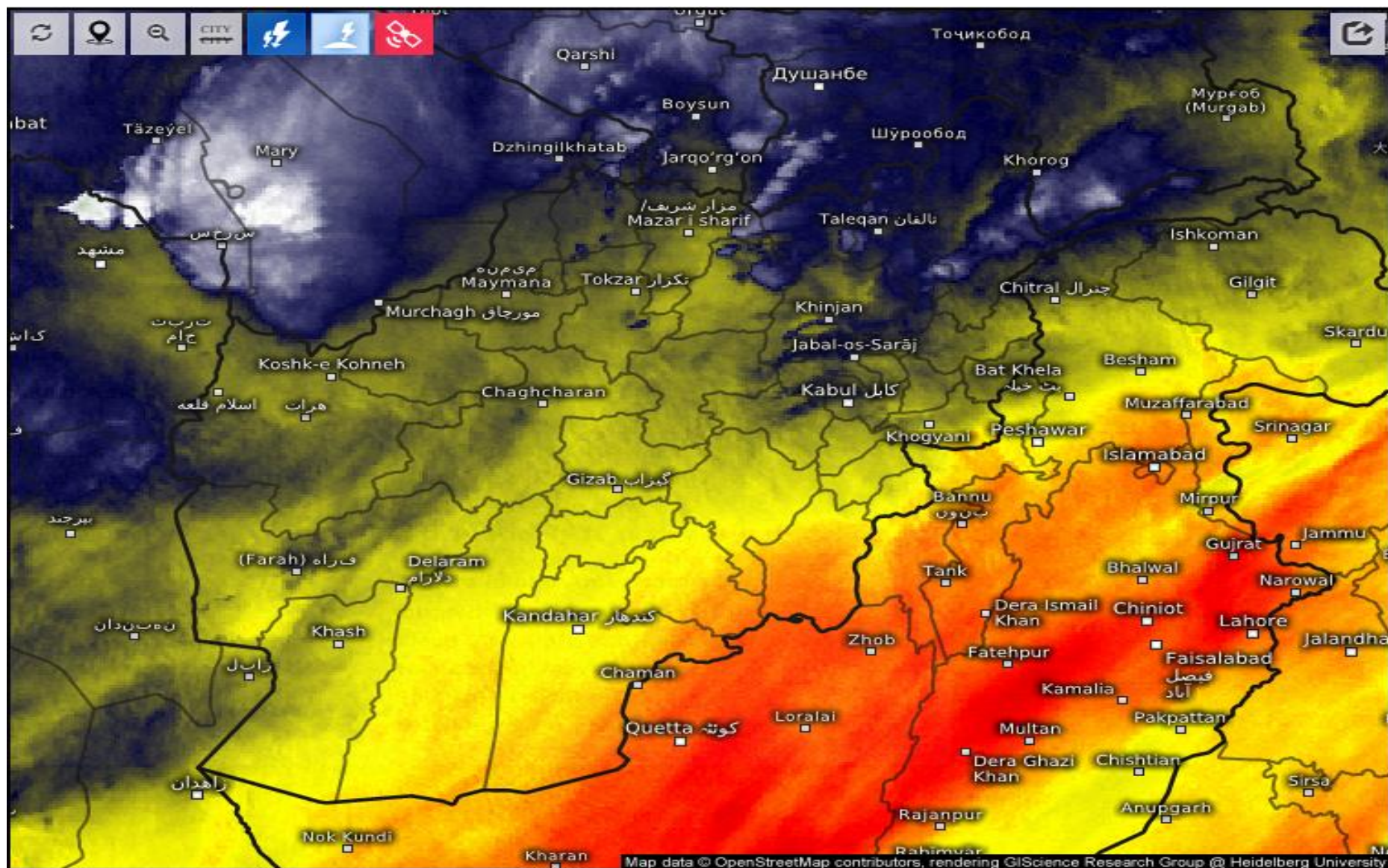


Cirrus

R = IR
G = IR
B = IR

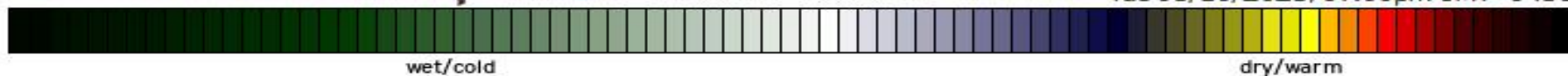
FY-4B Dust RGB Composite (From WMO)





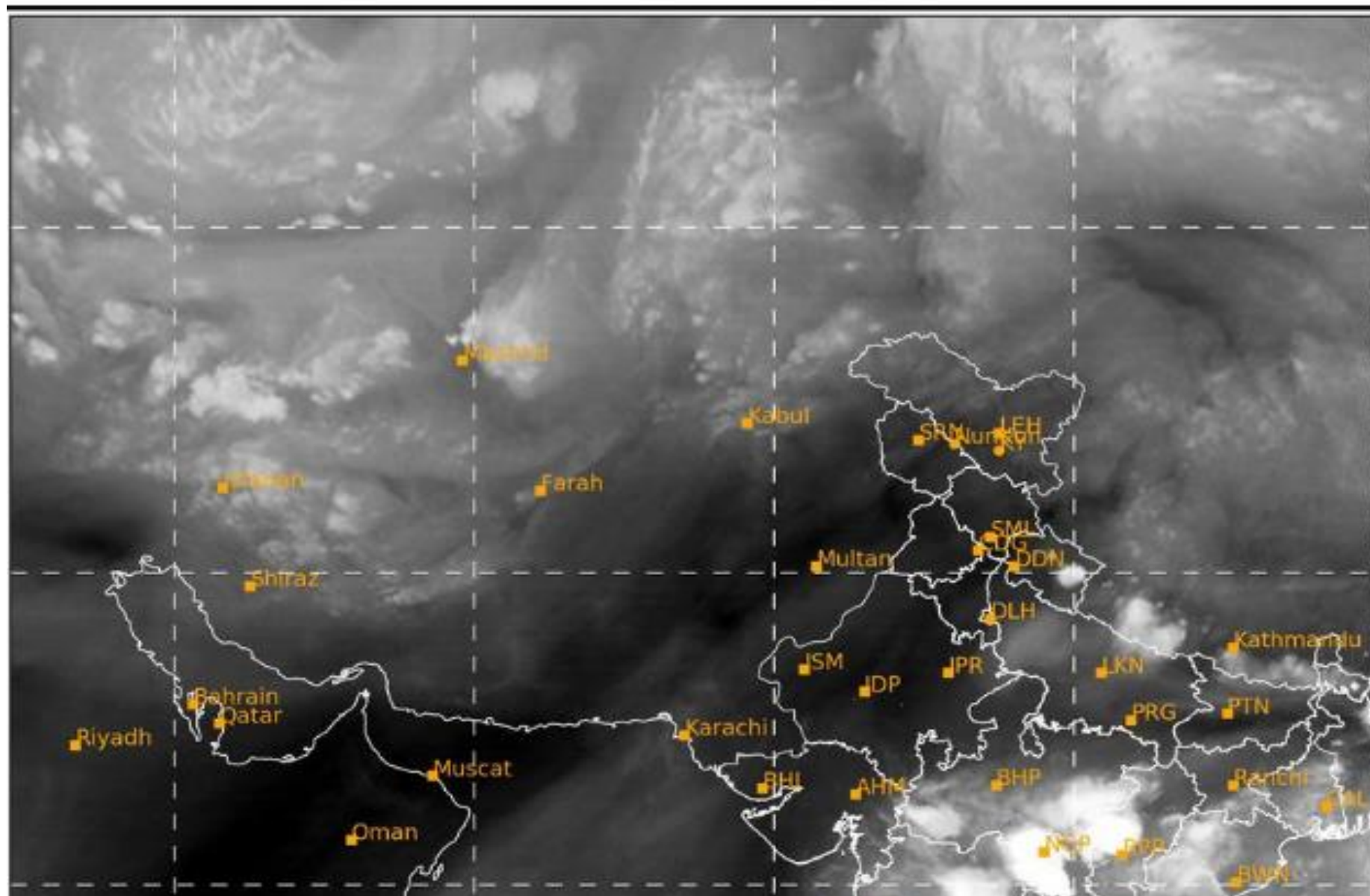
Satellite Water Vapor

Tue 06/10/2025, 07:00pm GMT+0430



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

10-06-2025/(1345 to 1412) GMT
10-06-2025/(1915 to 1942) IST



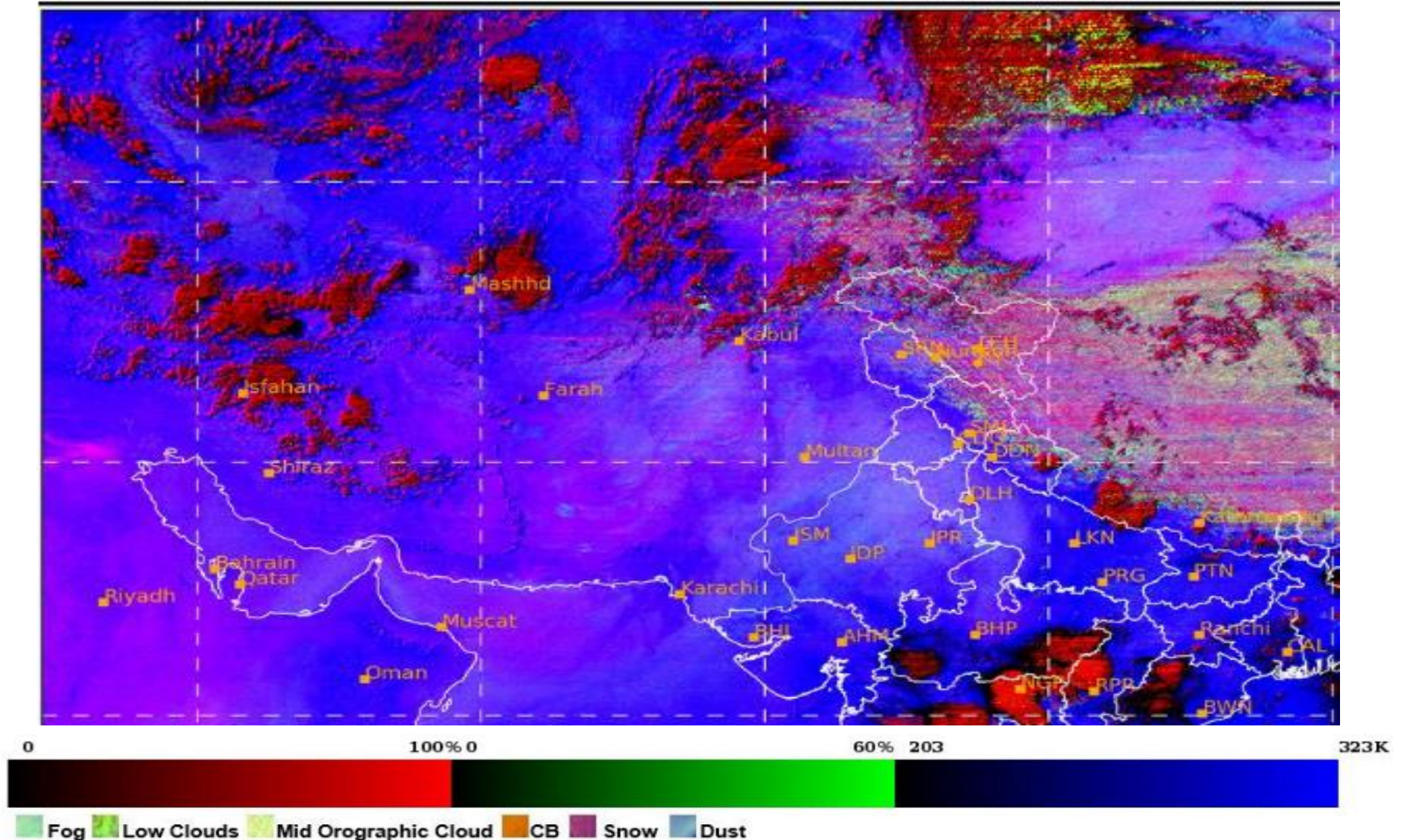
SAT : INSAT-3DR IMG

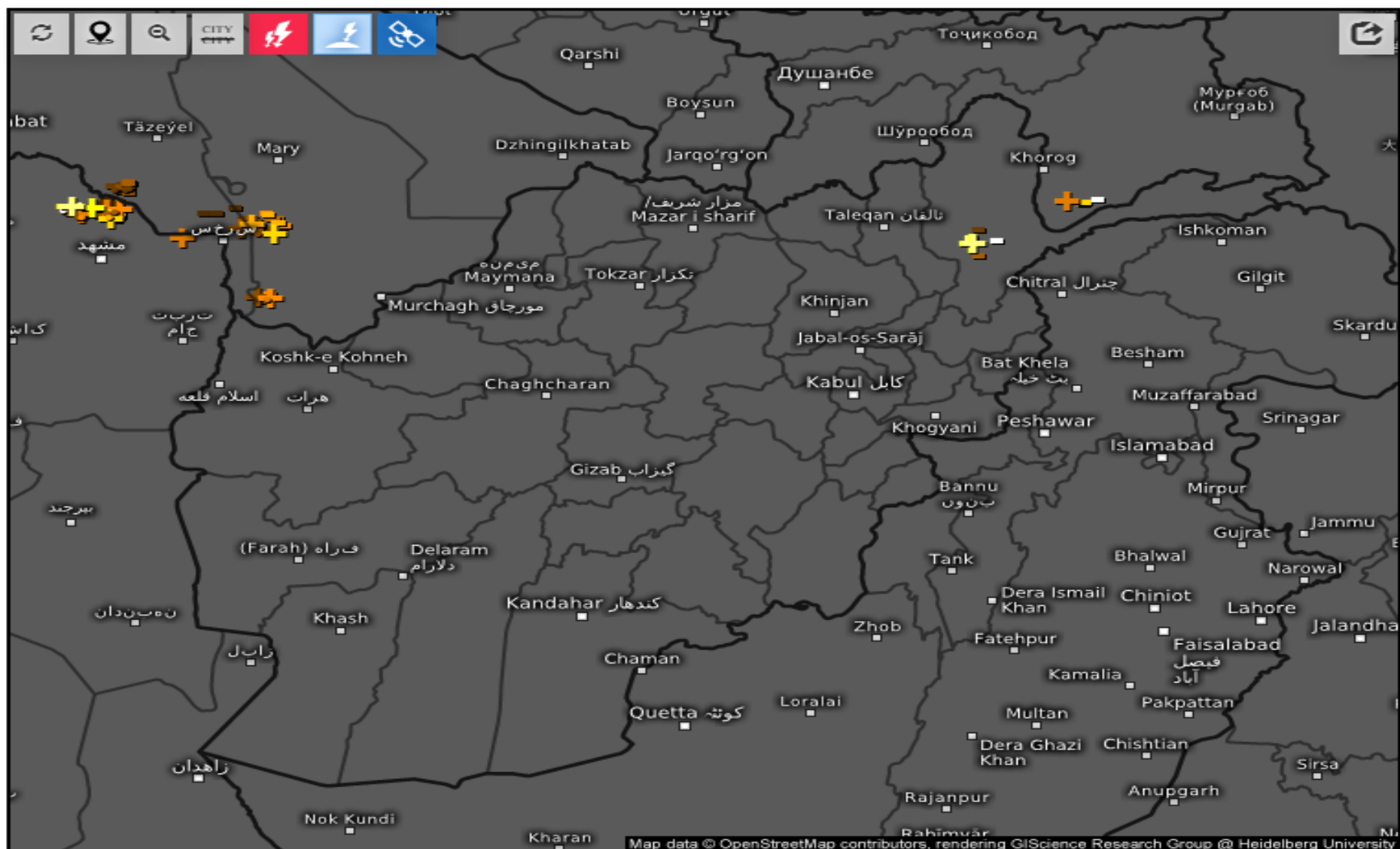
10-06-2025/(1345 to 1412) GMT

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

L1C Mercator

10-06-2025/(1915 to 1942) IST





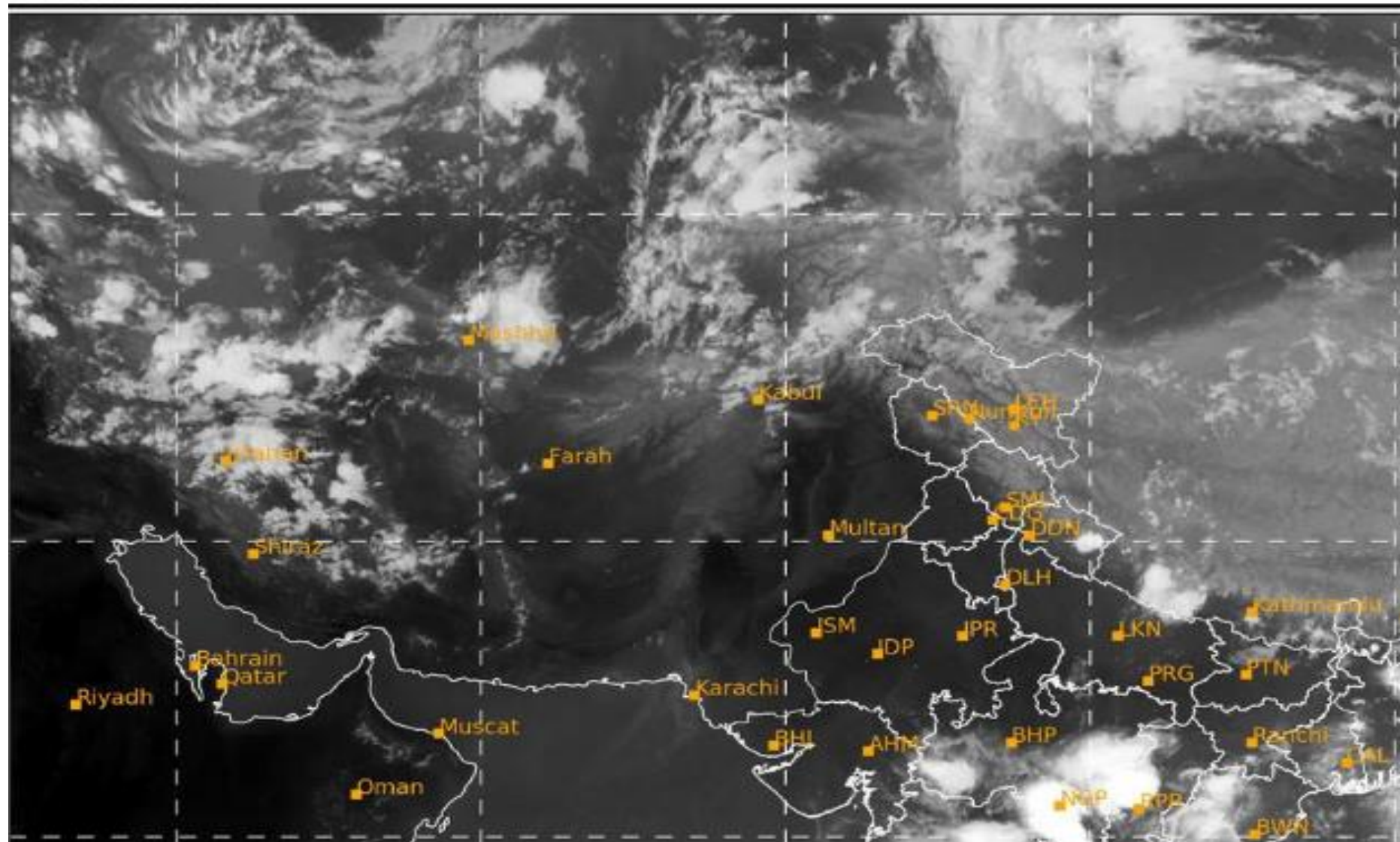
Age of lightning (minutes) 

Tue 06/10/2025, 07:00pm GMT+0430



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

10-06-2025/(1345 to 1412) GMT
10-06-2025/(1915 to 1942) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-06-10 14:15(UTC)

