



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



Daily reports of Satellite imagery analysis. Date & Time: 19/06/2025, 15:00 UTC, Number of reports: 1052

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

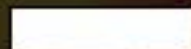
Details: According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, northwestern, southwestern and southeastern areas have warm air mass (High UTH). The southern, western, southeastern, northwestern and southwestern areas have dust. The northern and northeastern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

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

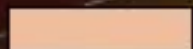
- Reported by: Esmatullah Mohammadi

UTC : 2025-06-19 05:15

AirMass



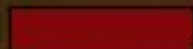
Thick,
high-level cloud



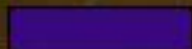
Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)

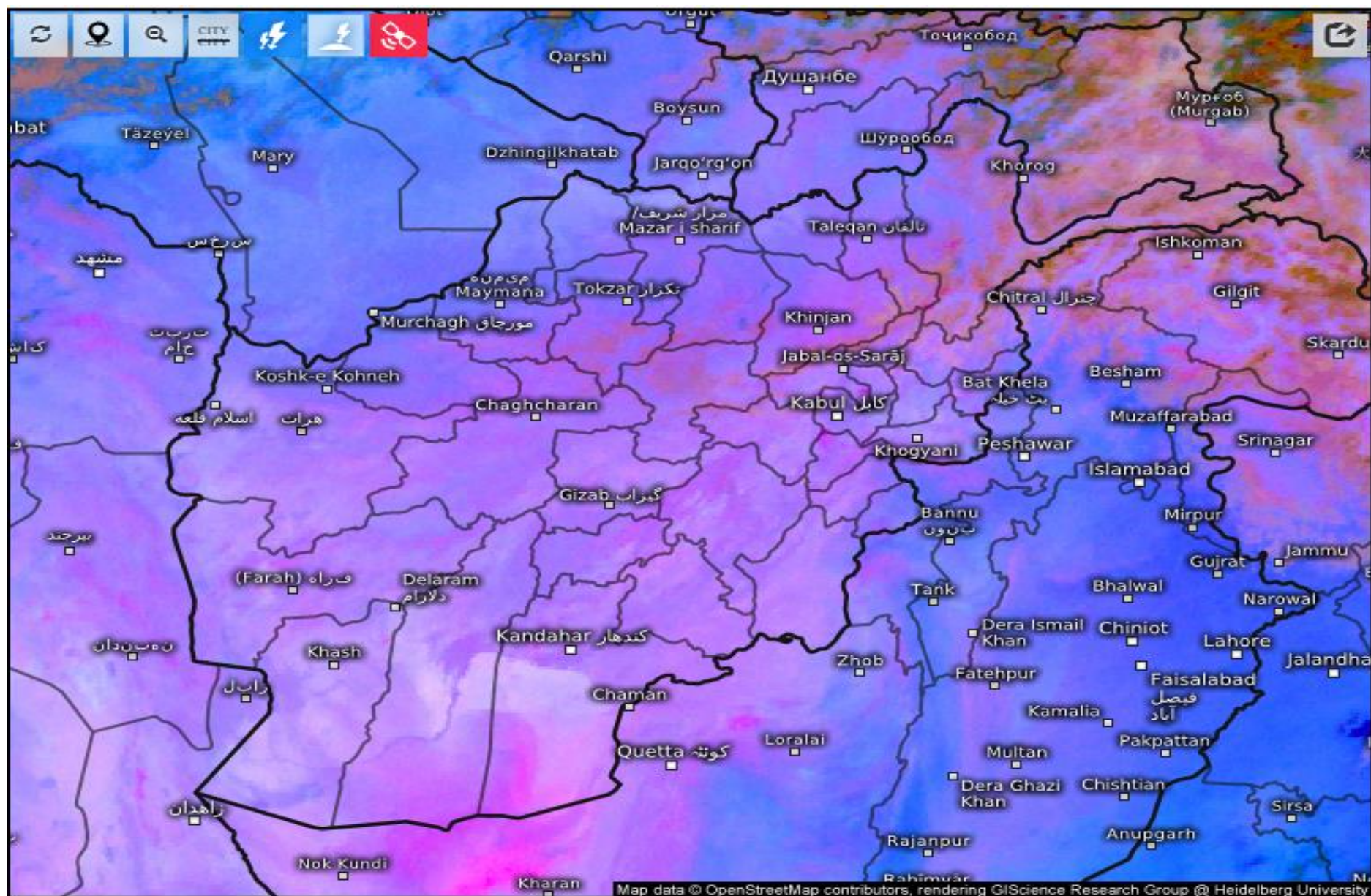


Warm Airmass
(low UTH)

R=
G=
B=

FY-4B AirMass RGB Composite (From WMO)





UTC : 2025-06-19 05:15

Dust



Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



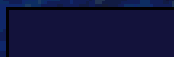
Ocean



Land



Low-level cloud

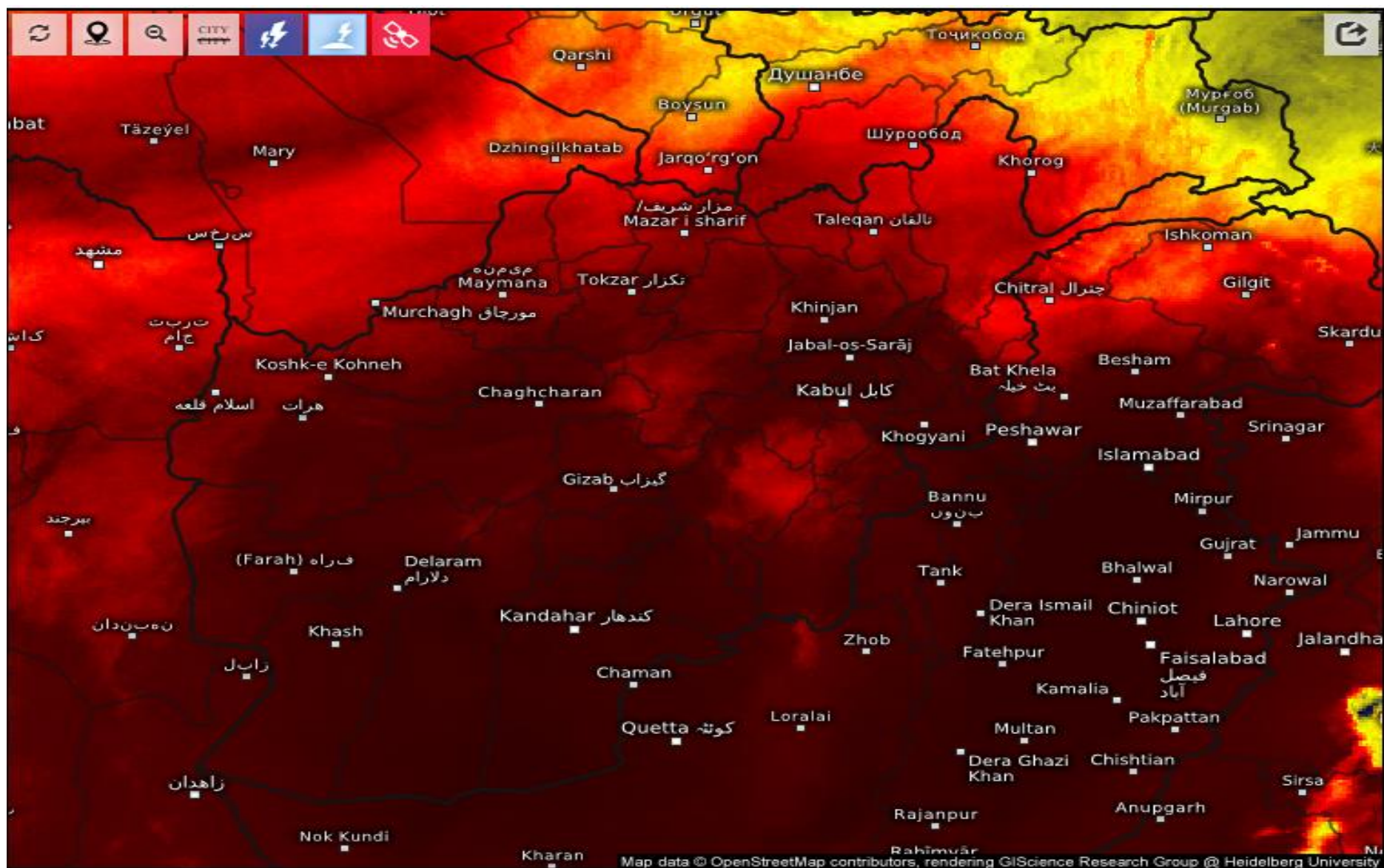


Cirrus

R = IR
G = IR
B = IR

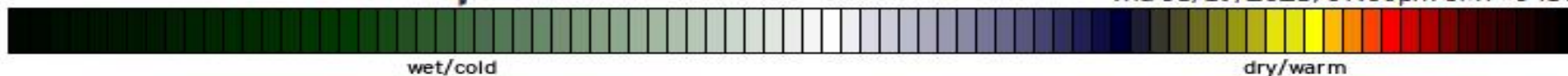
FY-4B Dust RGB Composite (From WMO)





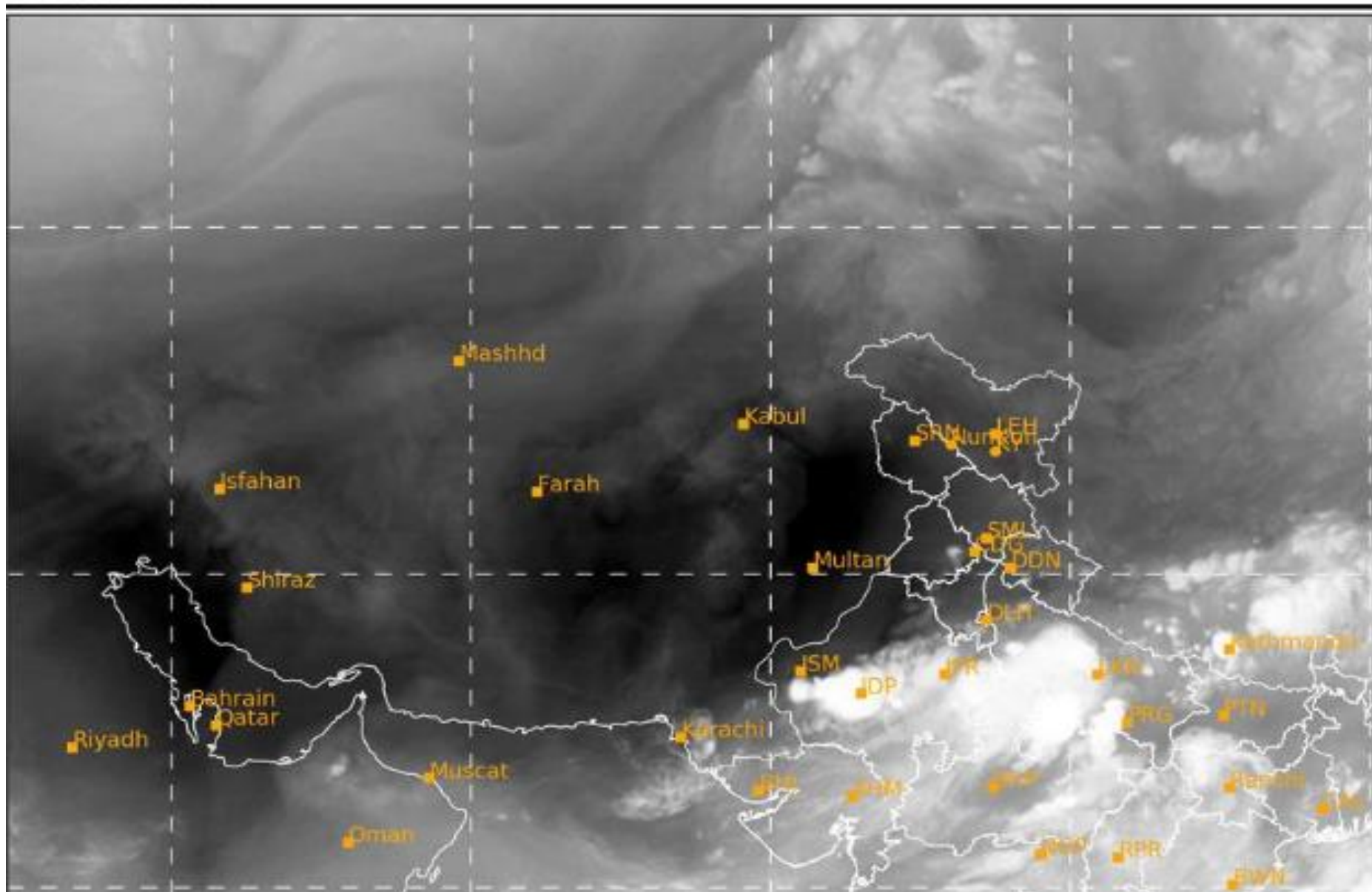
Satellite Water Vapor

Thu 06/19/2025, 07:00pm GMT+0430



L1C Mercator

19-06-2025/(1845 to 1912) IST



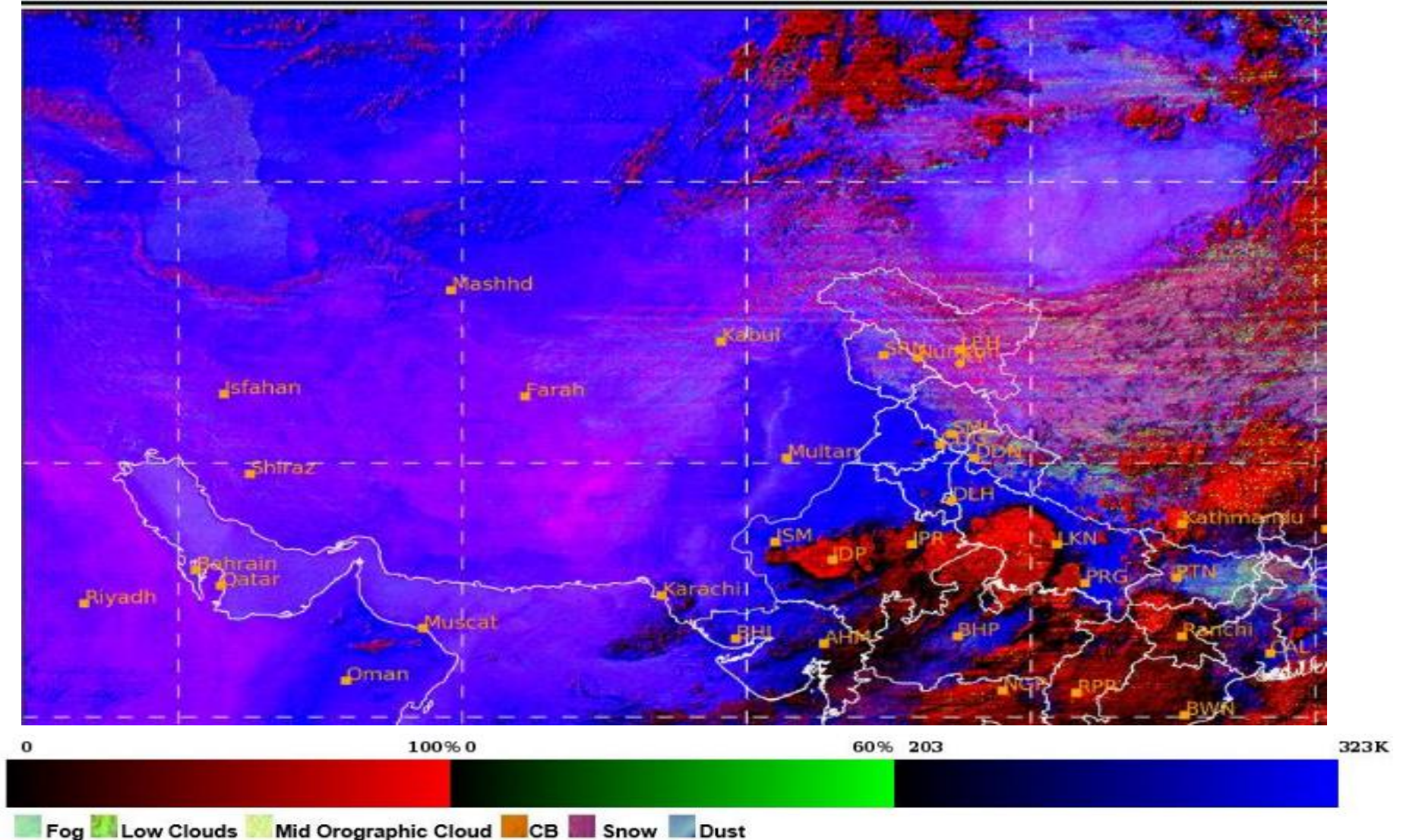
SAT : INSAT-3DR IMG

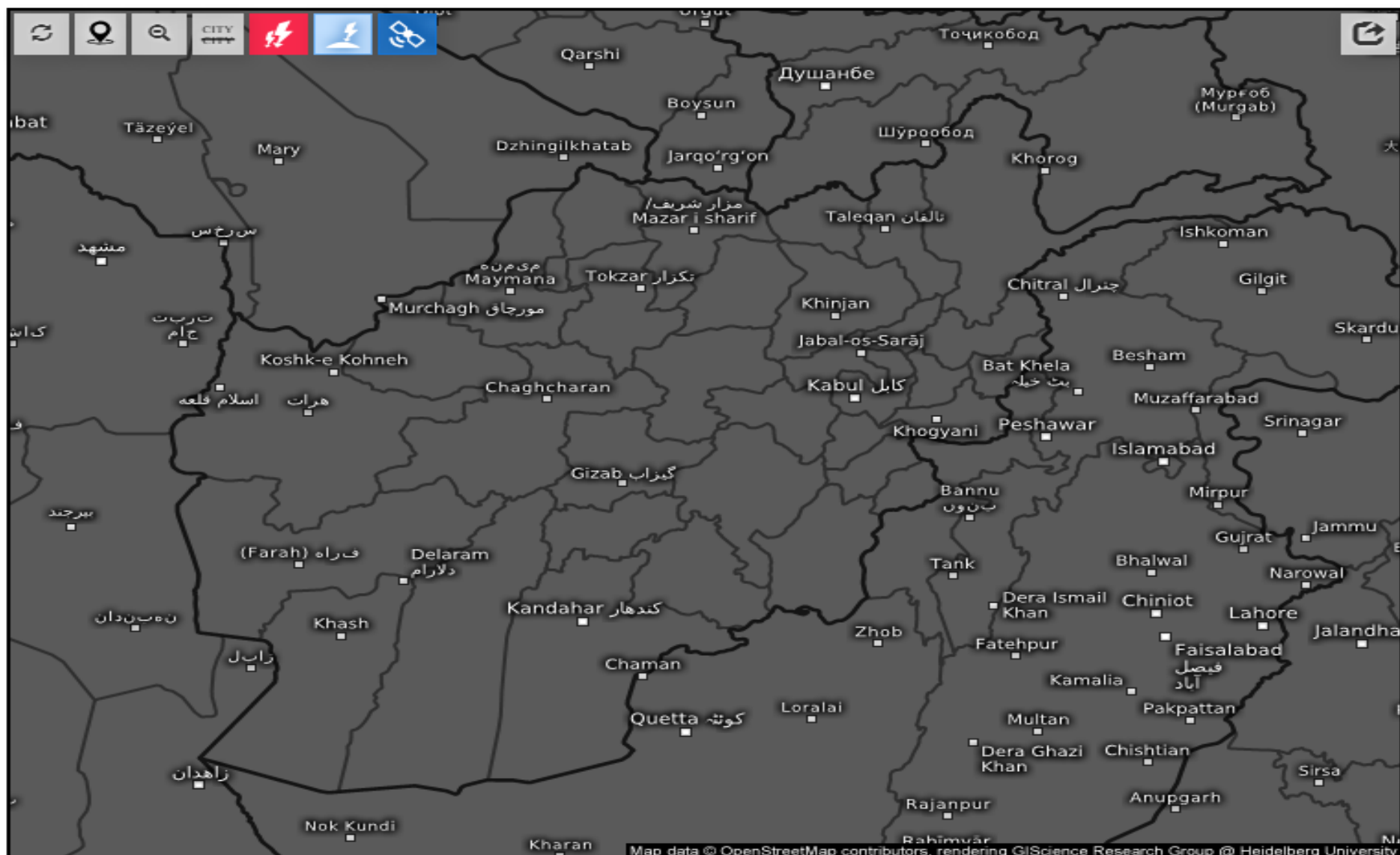
19-06-2025/(1315 to 1342) GMT

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

L1C Mercator

19-06-2025/(1845 to 1912) IST





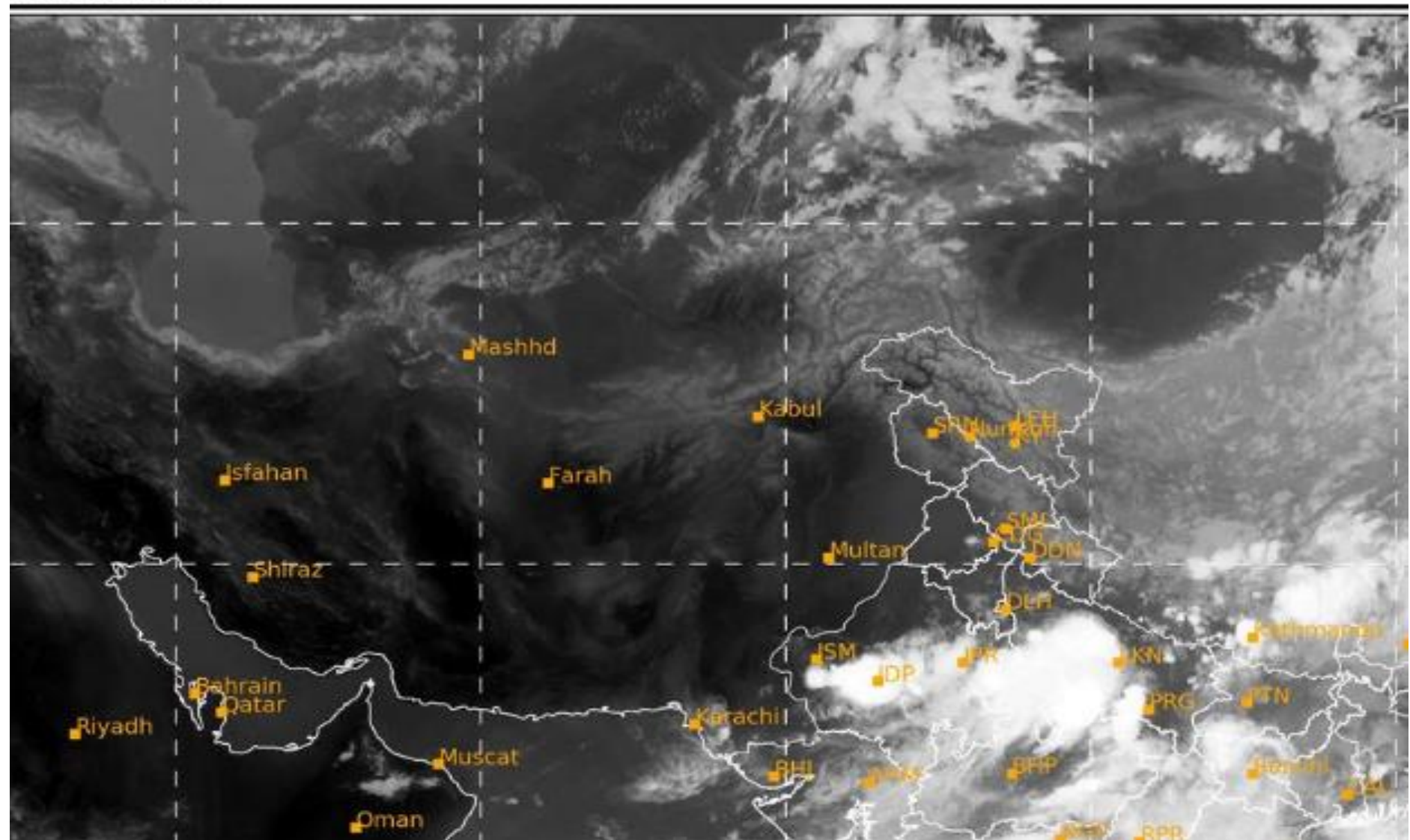
Age of lightning (minutes) 

Thu 06/19/2025, 07:00pm GMT+0430



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

19-06-2025/(1315 to 1342) GMT
19-06-2025/(1845 to 1912) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-06-19 14:15(UTC)

