



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



Daily reports of Satellite imagery analysis. Date & Time: 20/06/2025, 00:00 UTC, Number of reports: 1053

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 14:15

AirMass

Thick,
high-level cloud

Thick,
mid-level cloud

Thick,
low-level cloud

Jet

Cold Airmass

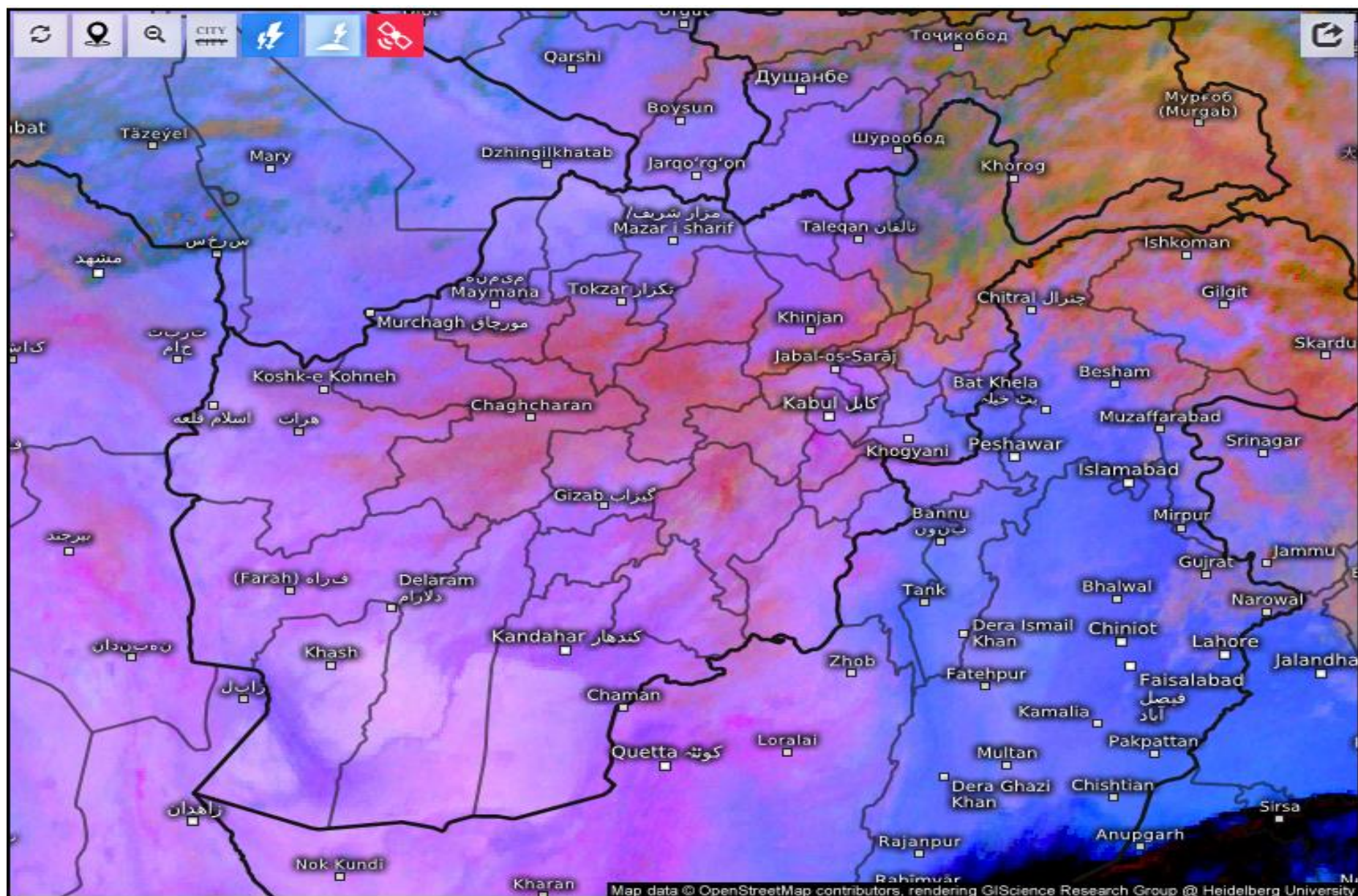
Warm Airmass
(high UTH)

Warm Airmass
(low UTH)

R=
G=
B=

FY-4B AirMass RGB Composite (From WMO)



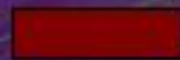


UTC : 2025-06-19 14:15

Dust



Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



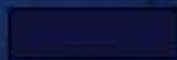
Ocean



Land



Low-level cloud

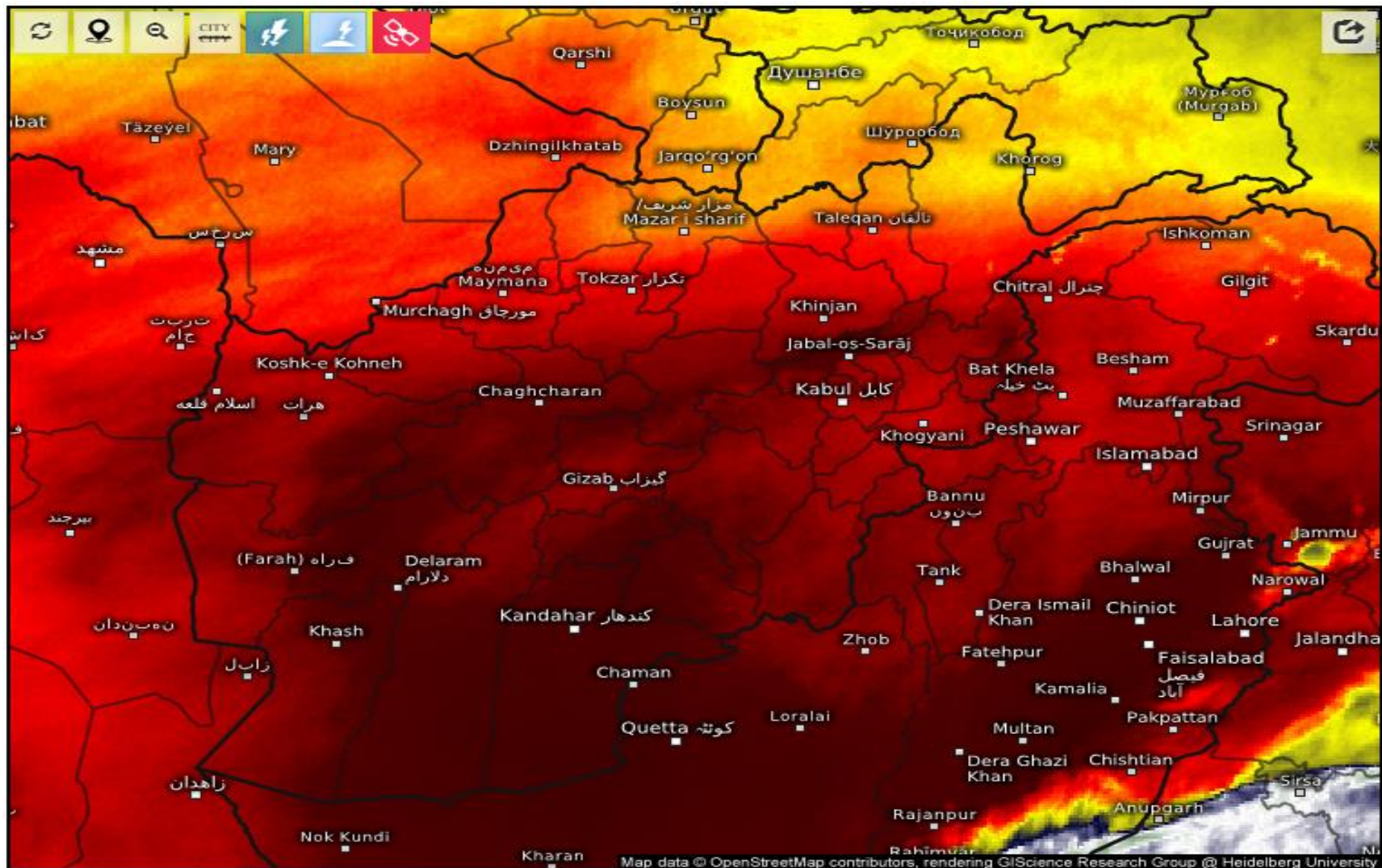


Cirrus

R = IR
G = IR
B = IR

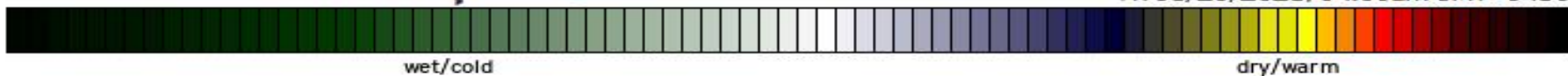
FY-4B Dust RGB Composite (From WMO)





Satellite Water Vapor

Fri 06/20/2025, 04:00am GMT+0430



SAT : INSAT-3DR IMG

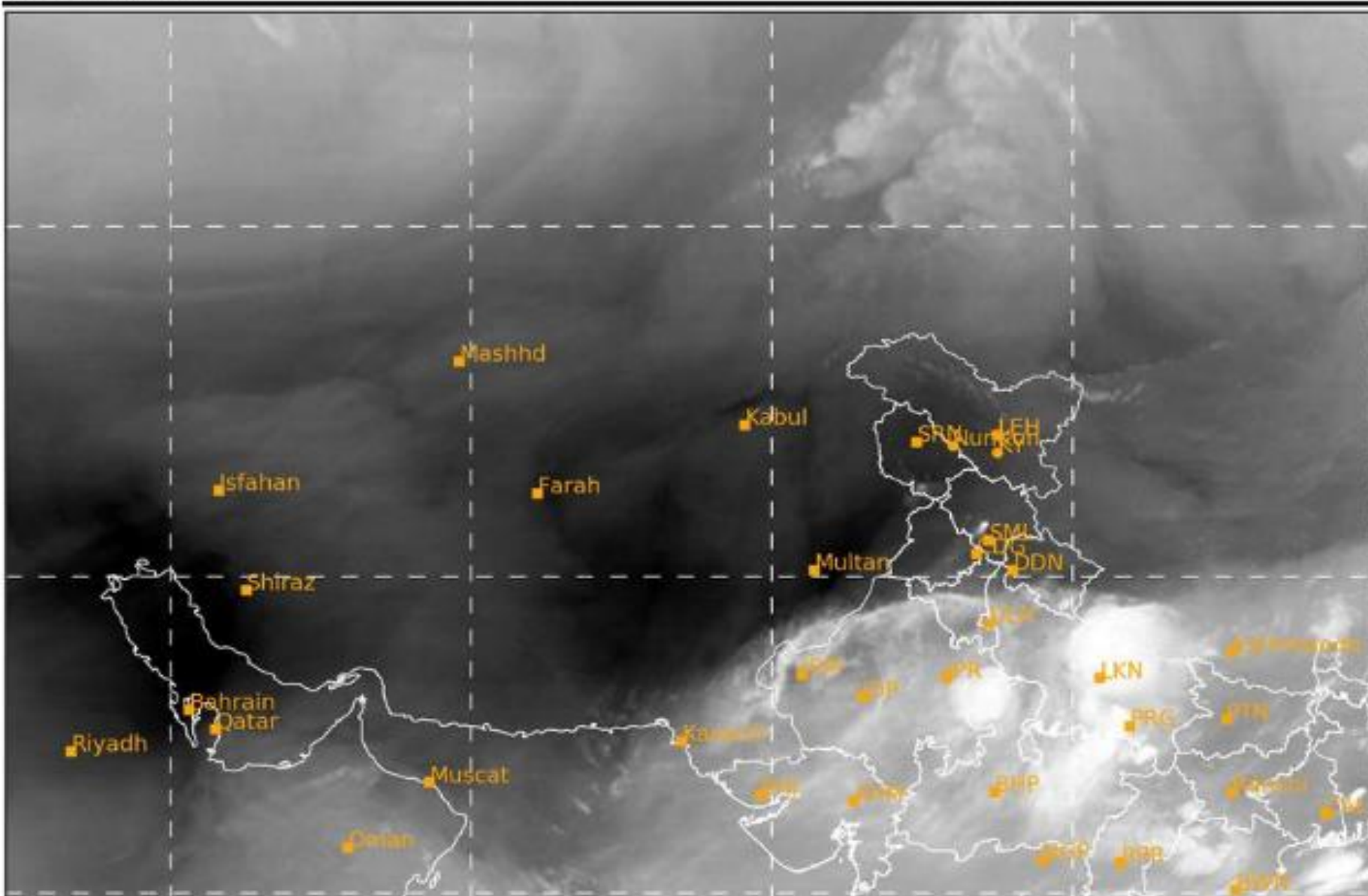


IMG_WV 6.8 um

L1C Mercator

19-06-2025/(2215 to 2242) GMT

20-06-2025/(0345 to 0412) IST

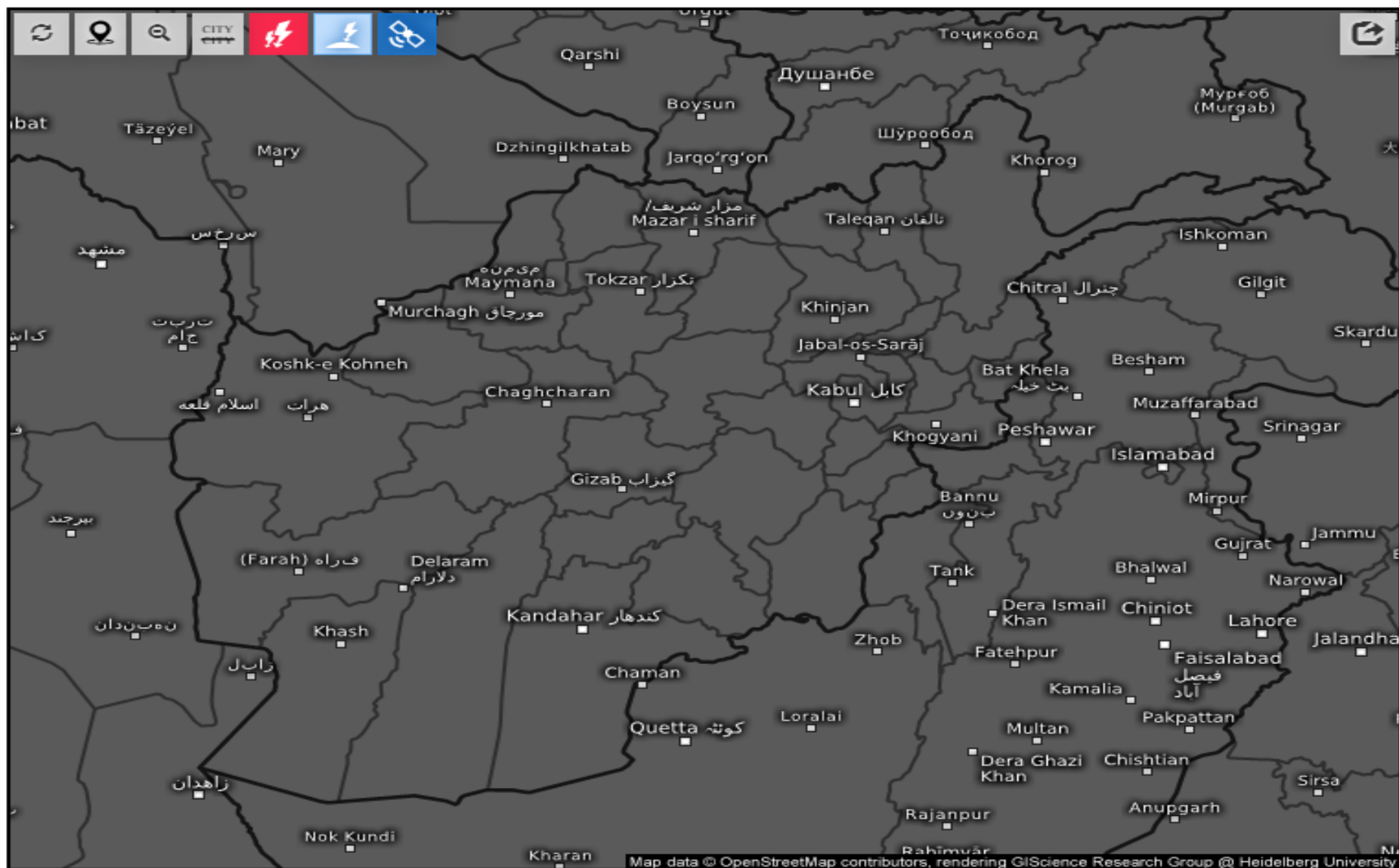


19-06-2025/(2215 to 2242) GMT

R_BT (G), TIR1_BT (B)

20-06-2025/(0345 to 0412) IST





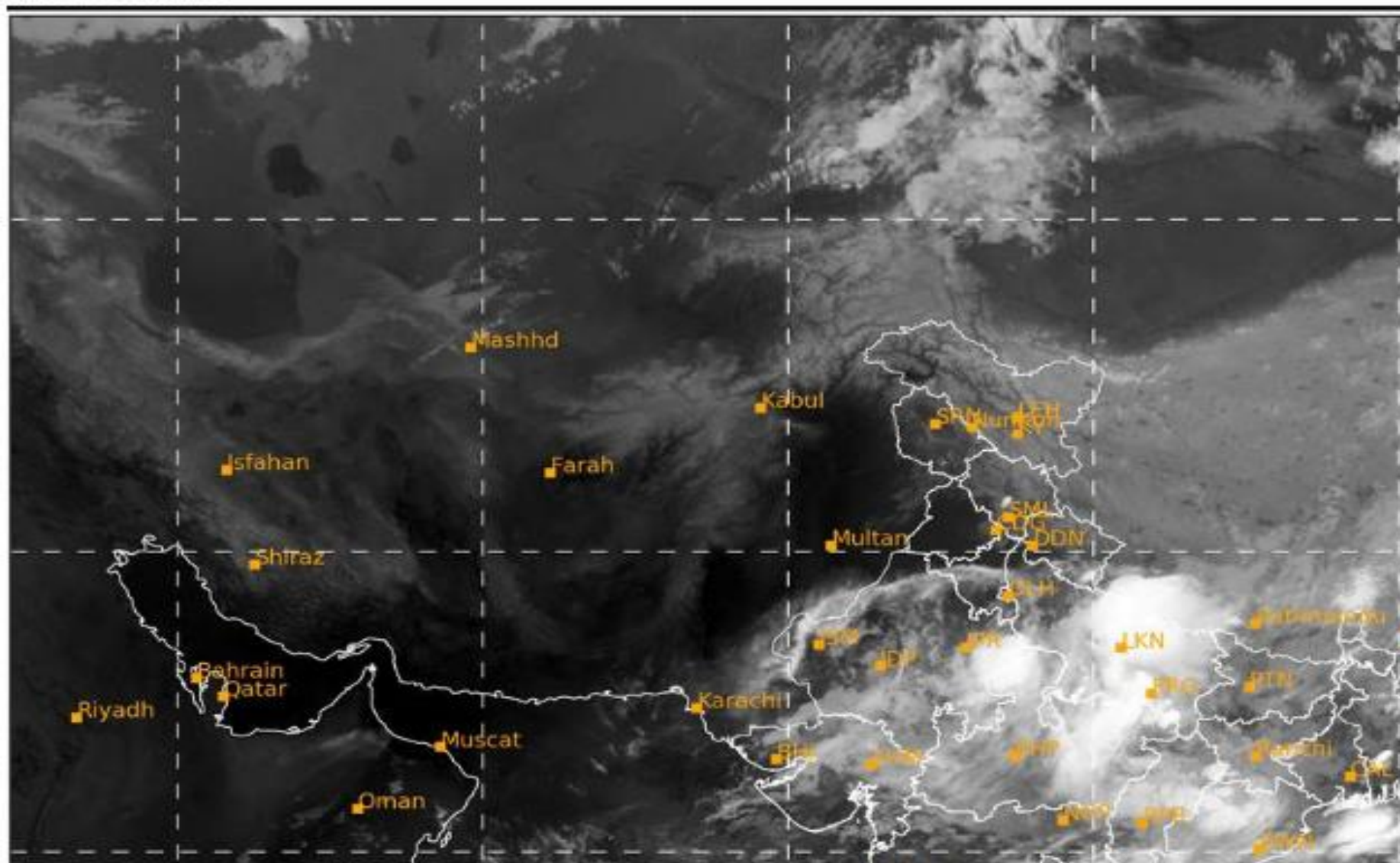
Age of lightning (minutes) 

Fri 06/20/2025, 04:15am GMT+0430



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

19-06-2025/(2215 to 2242) GMT
20-06-2025/(0345 to 0412) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-06-19 23:15(UTC)

