



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, 15:00 UTC, Number of reports: 1054

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	√ 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

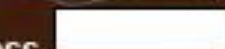
Details: According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, northwestern, southwestern and southeastern areas have worm air mass (High UTH). The southern, western, southeastern, northwestern and southwestern areas have dust. The northern, central 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 : 2025-06-20 05:15

AirMass



Thick,
high-level cloud



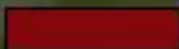
Thick,

mid-level cloud



Thick,

low-level cloud



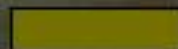
Jet



Cold Airmass



Warm Airmass
(high UTH)

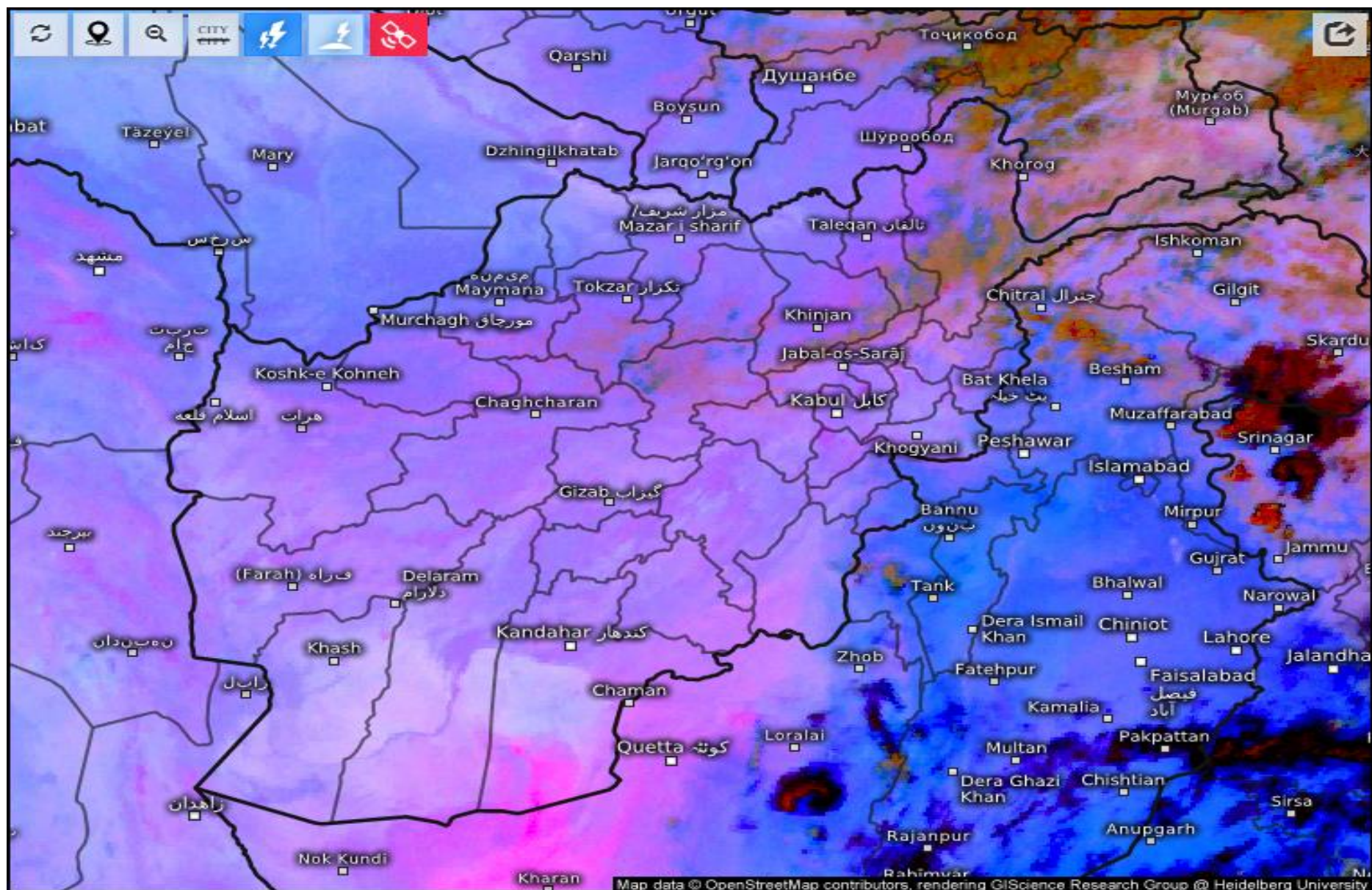


Warm Airmass
(low UTH)

R = WV (6.3)
G = IR (8.5)
B = WV (6.3)

FY-4B AirMass RGB Composite (From WMO)



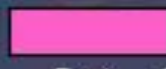


Satellite Dust 

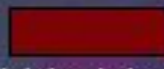
Fri 06/20/2025, 07:00pm GMT+0430

UTC : 2025-06-20 05:15

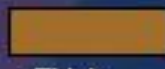
Dust



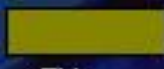
Dust



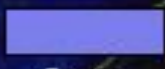
High-level cloud



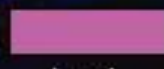
Thick,
mid-level cloud



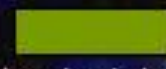
Thin,
mid-level cloud



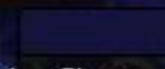
Ocean



Land



Low-level cloud

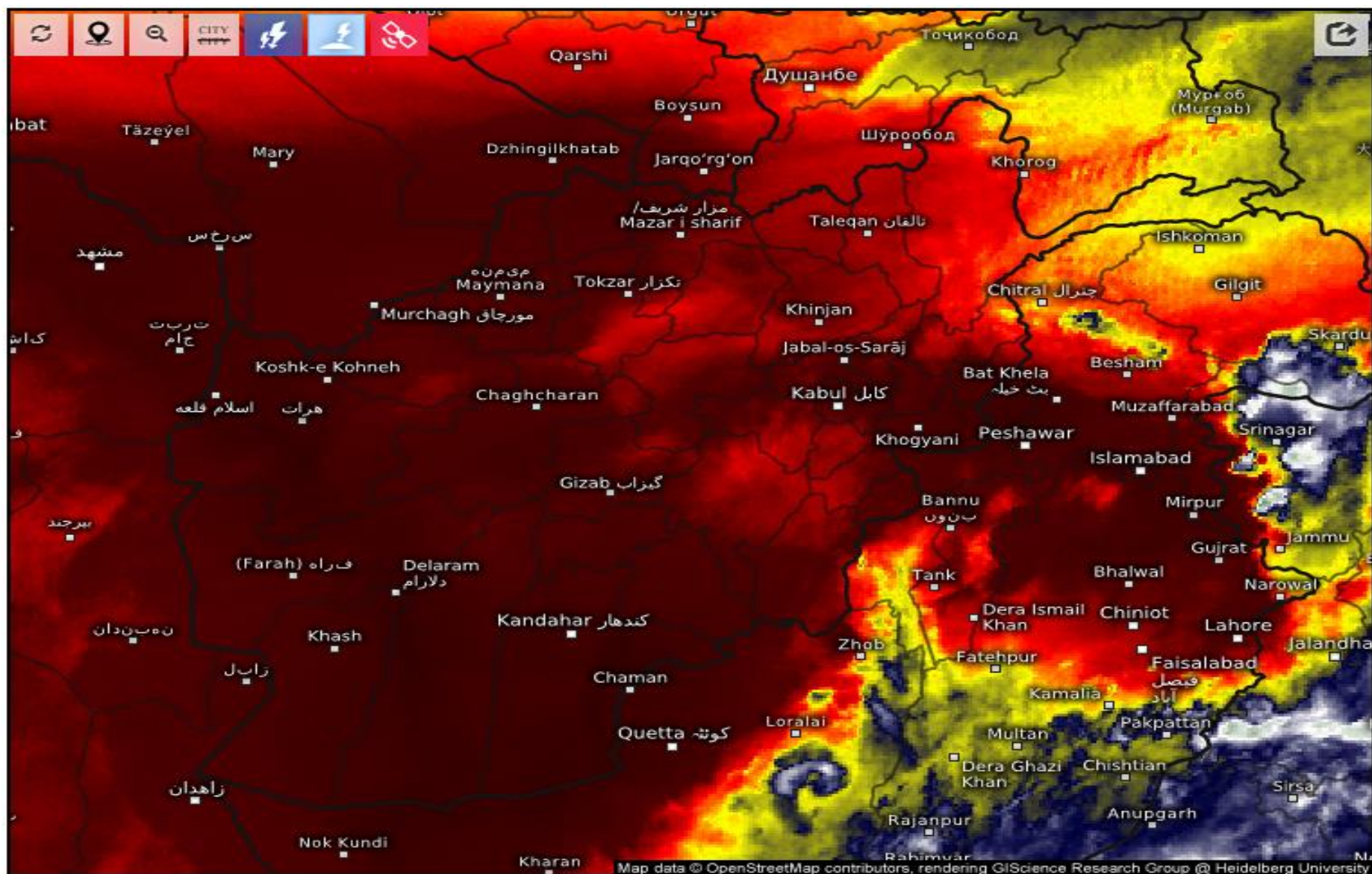


Cirrus

R = IR (12.0)
G = IR (10.8)
B = IR (10.8)

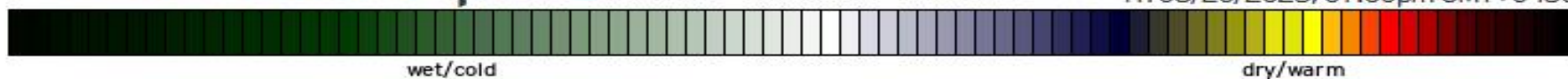
FY-4B Dust RGB Composite (From WMO)





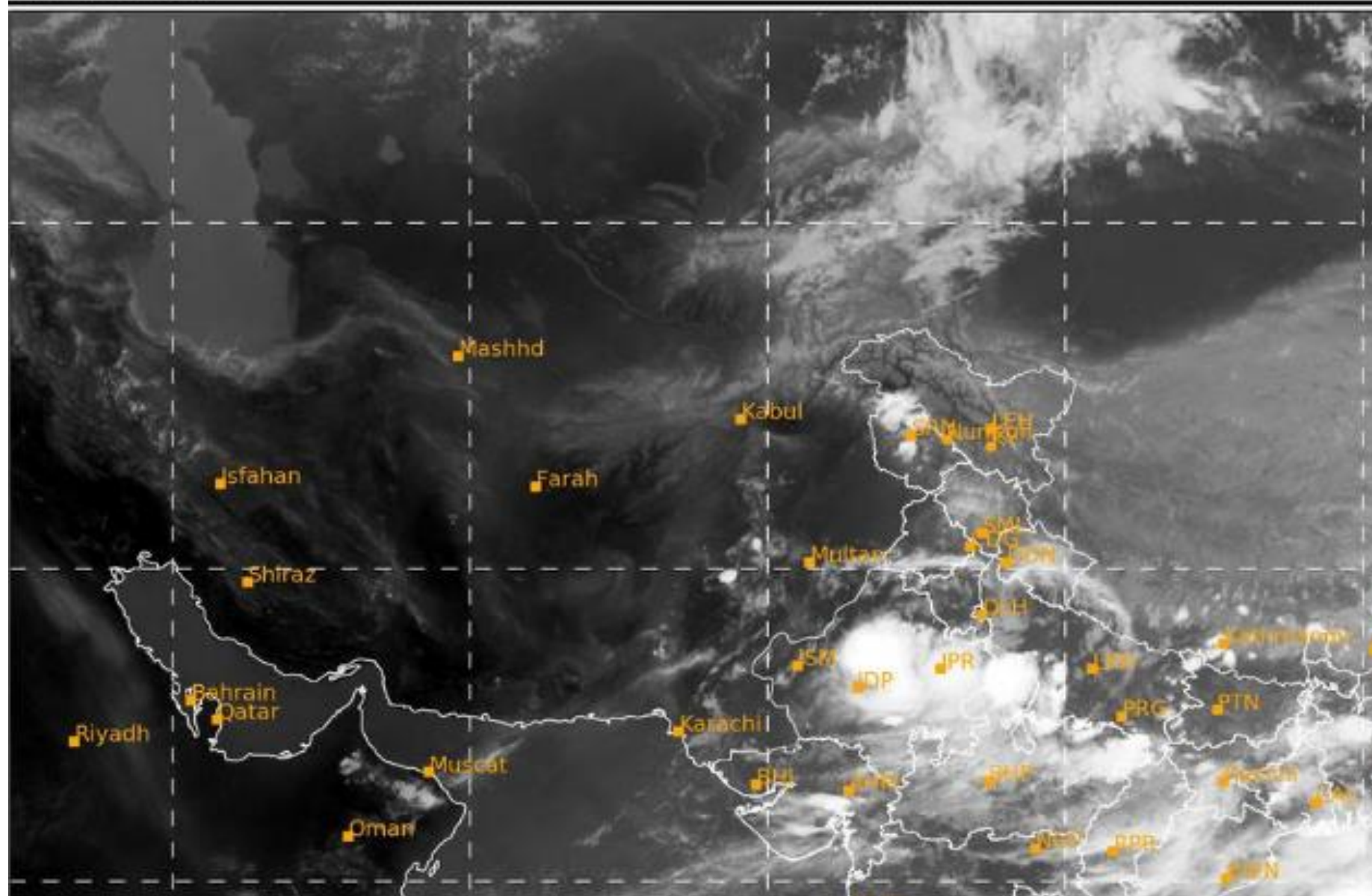
Satellite Water Vapor

Fri 06/20/2025, 07:00pm GMT+0430



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

20-06-2025/(1315 to 1342) GMT
20-06-2025/(1845 to 1912) IST



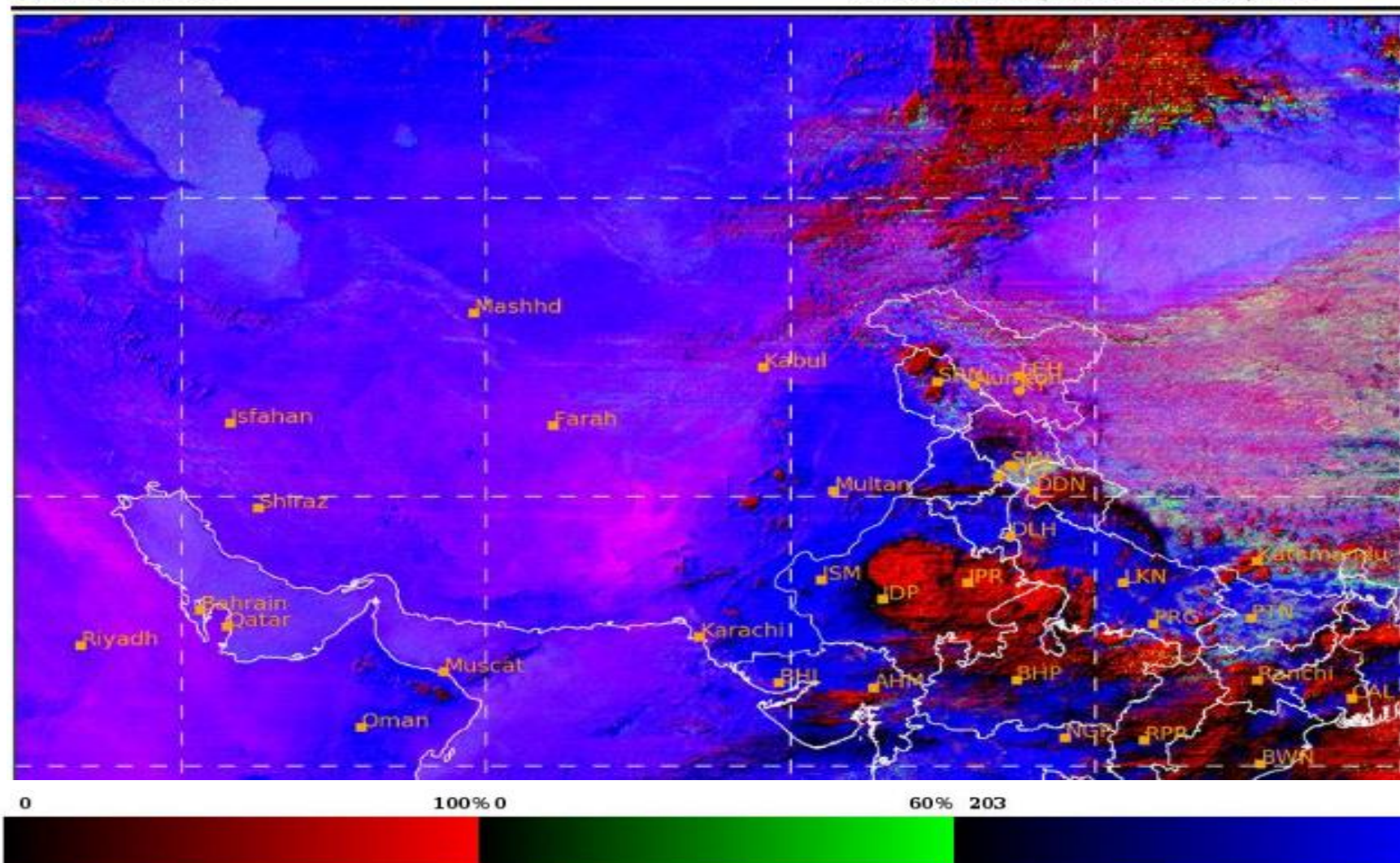
SAT : INSAT-3DR IMG

20-06-2025/(1315 to 1342) GMT

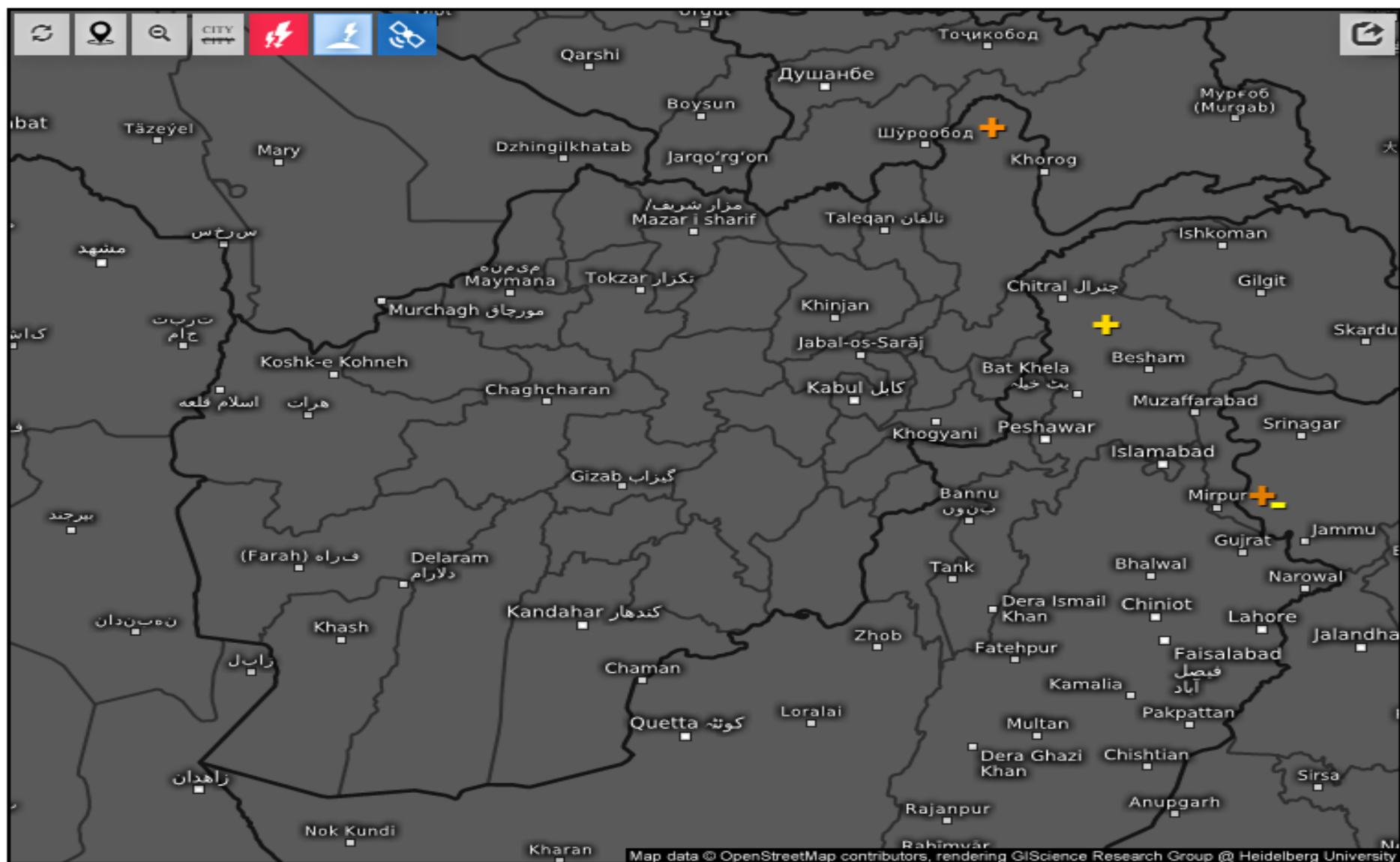
Night Microphysics: TIR2_BT-TIR1_BT (R), TIR1_BT-MIR_BT (G), TIR1_BT (B)

L1C Mercator

20-06-2025/(1845 to 1912) IST



Fog Low Clouds Mid Orographic Cloud CB Snow Dust



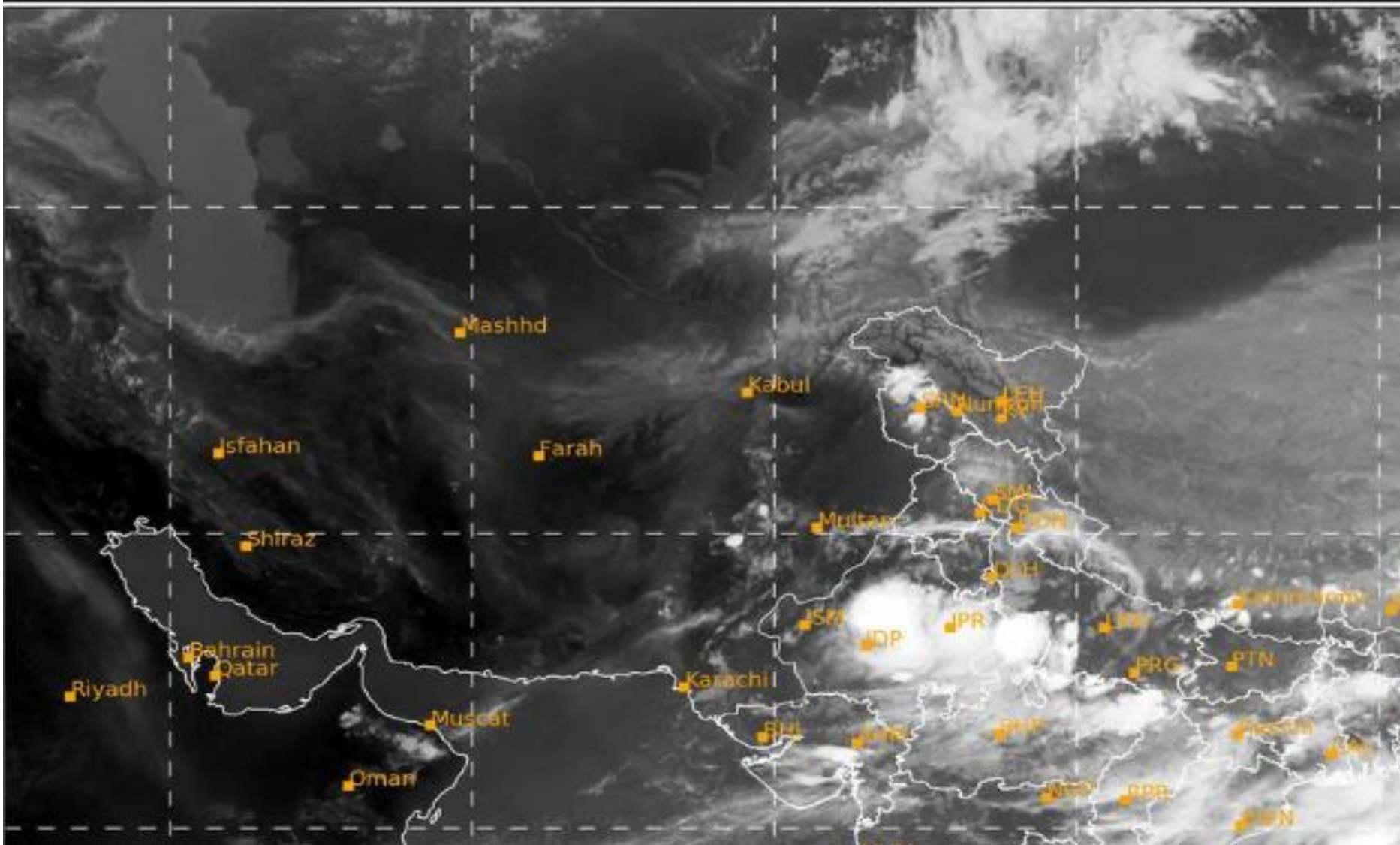
Age of lightning (minutes) 

Fri 06/20/2025, 07:15pm GMT+0430



L1C Mercator

20-06-2025/(1845 to 1912) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-06-20 14:15(UTC)

