



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



Daily reports of Satellite imagery analysis. Date & Time: 23/06/2025, 00:00 UTC, Number of reports: 1061

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

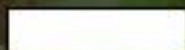
Details: According to satellite imagery analysis, the southern, western, southwestern and southeastern areas have worm air mass (High UTH). The western, northwestern areas have dust. The northern, southern, eastern, southeastern, southwestern and northeastern areas have cloudy sky. The all region have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

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-06-22 14:15

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)

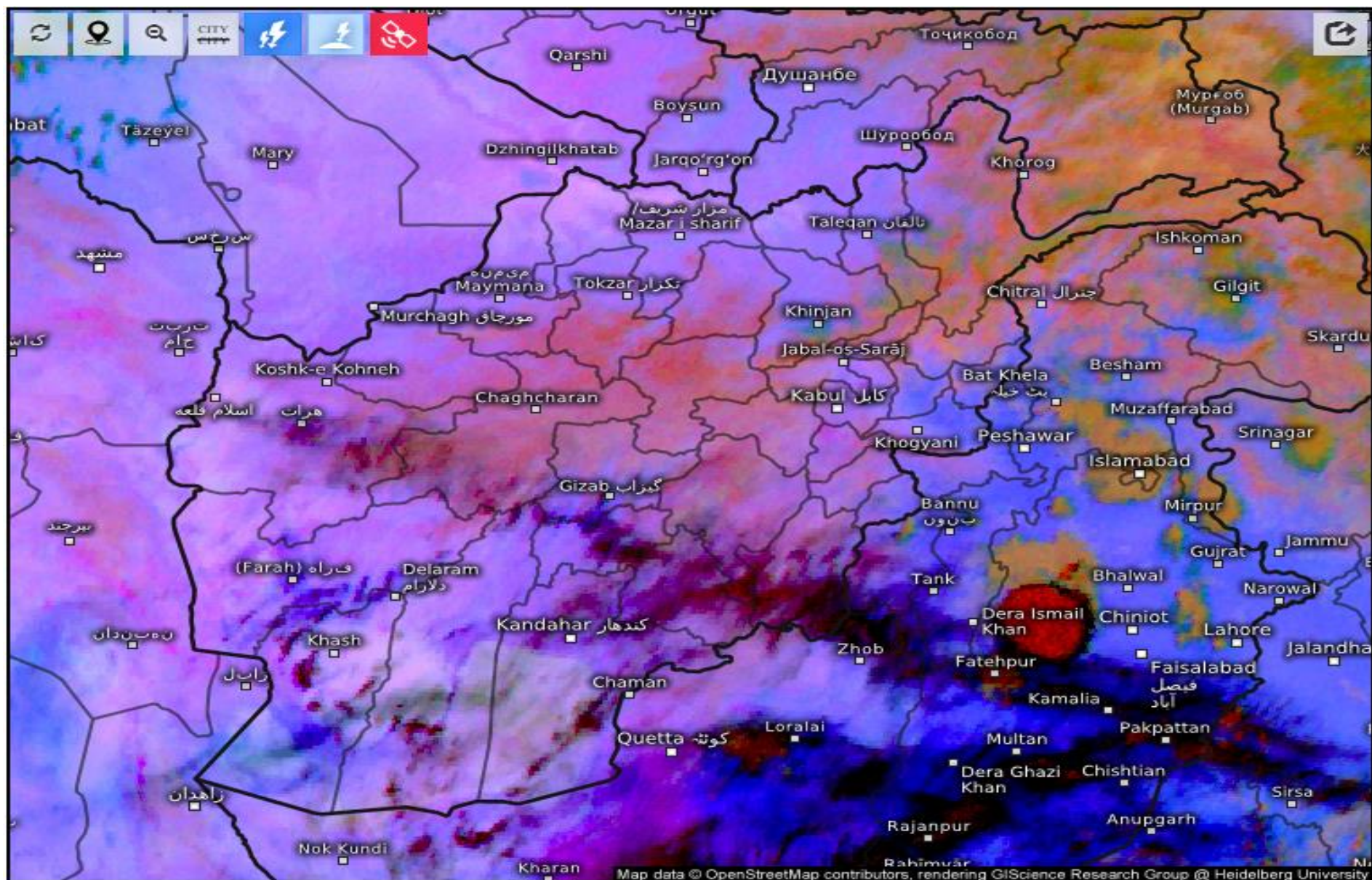


Warm Airmass
(low UTH)

R = WV
G = IR
B = WV

FY-4B AirMass RGB Composite (From WMO)



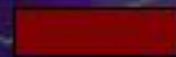


UTC : 2025-06-22 14:15

Dust



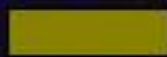
Dust



High-level cloud



Thick,
mid-level cloud



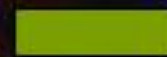
Thin,
mid-level cloud



Ocean



Land



Low-level cloud

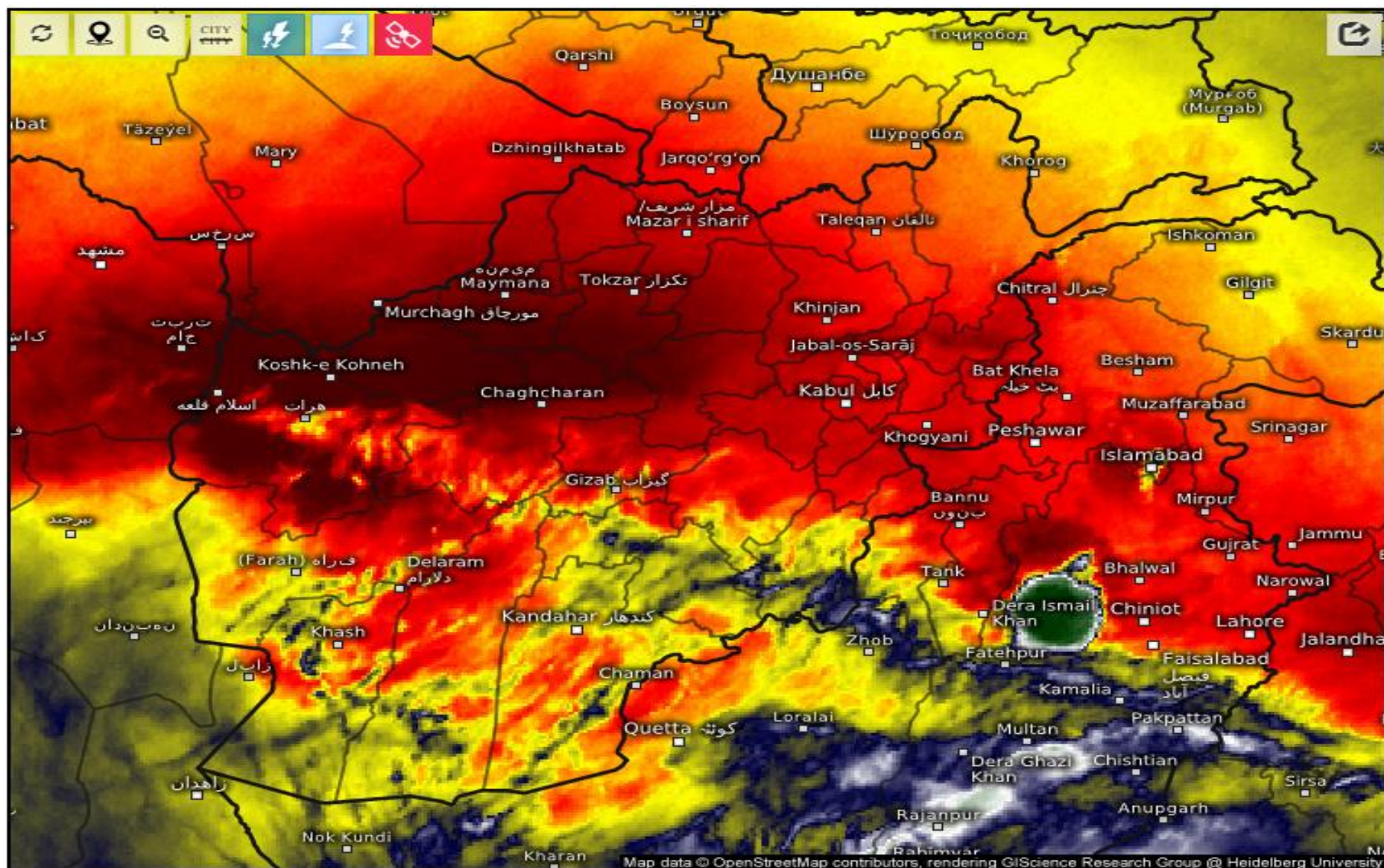


Cirrus

R = IR (12.0)
G = IR (10.6)
B = IR (10.6)

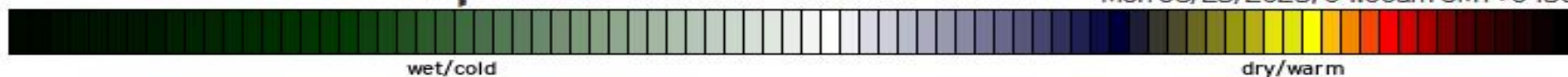
FY-4B Dust RGB Composite (From WMO)





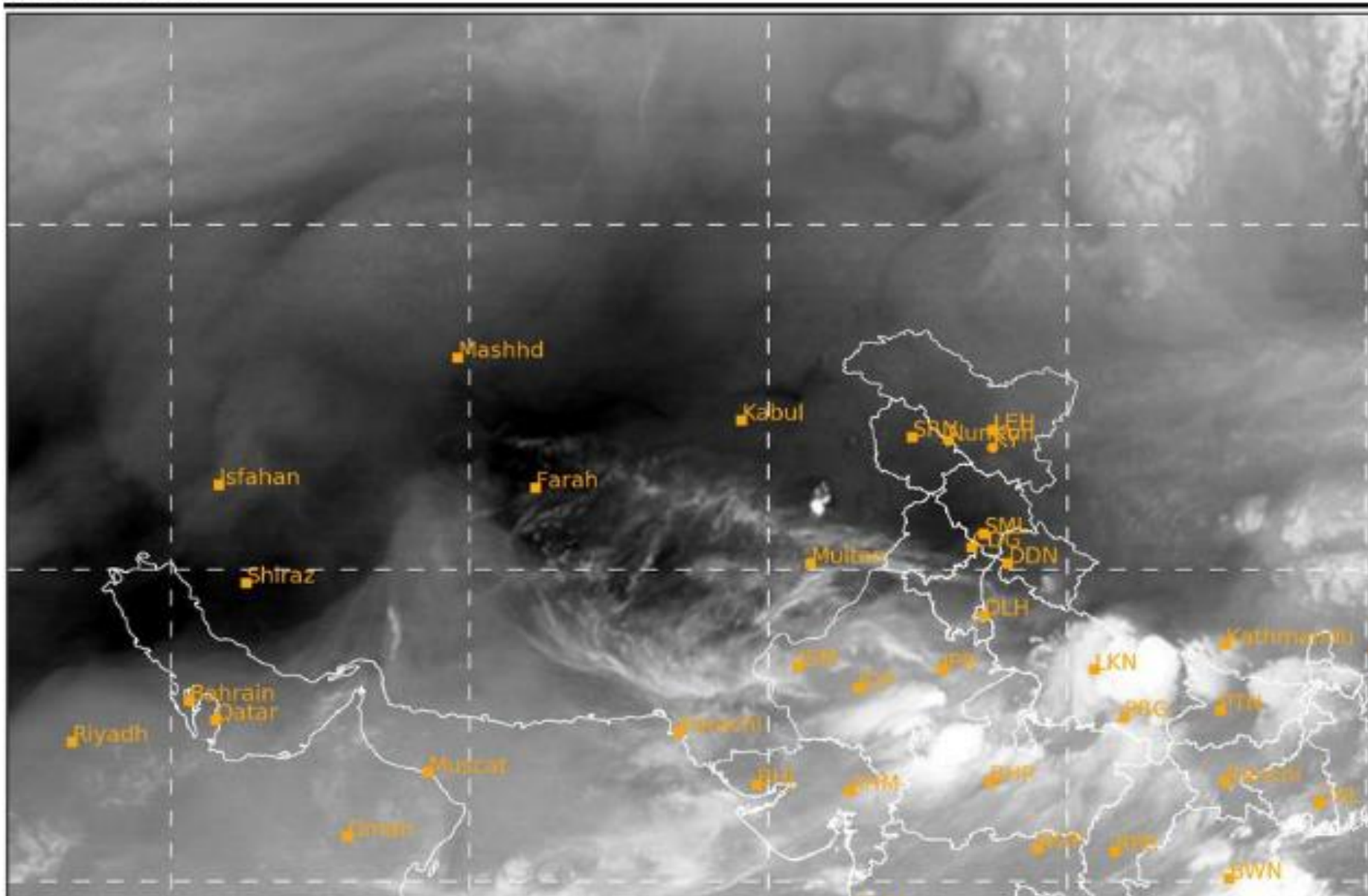
Satellite Water Vapor

Mon 06/23/2025, 04:00am GMT+0430



L1C Mercator

23-06-2025/(0345 to 0412) IST



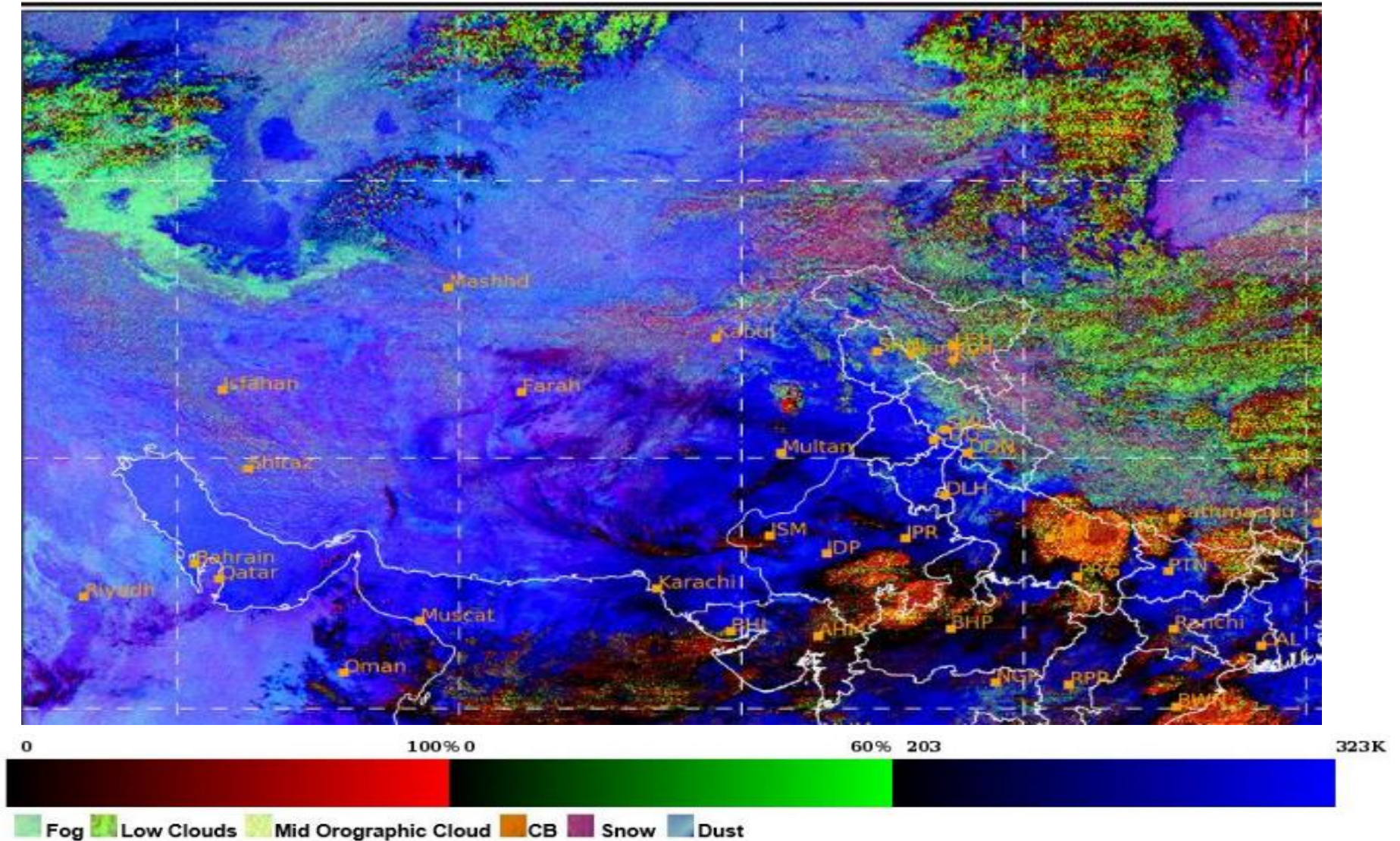
SAT : INSAT-3DR IMG

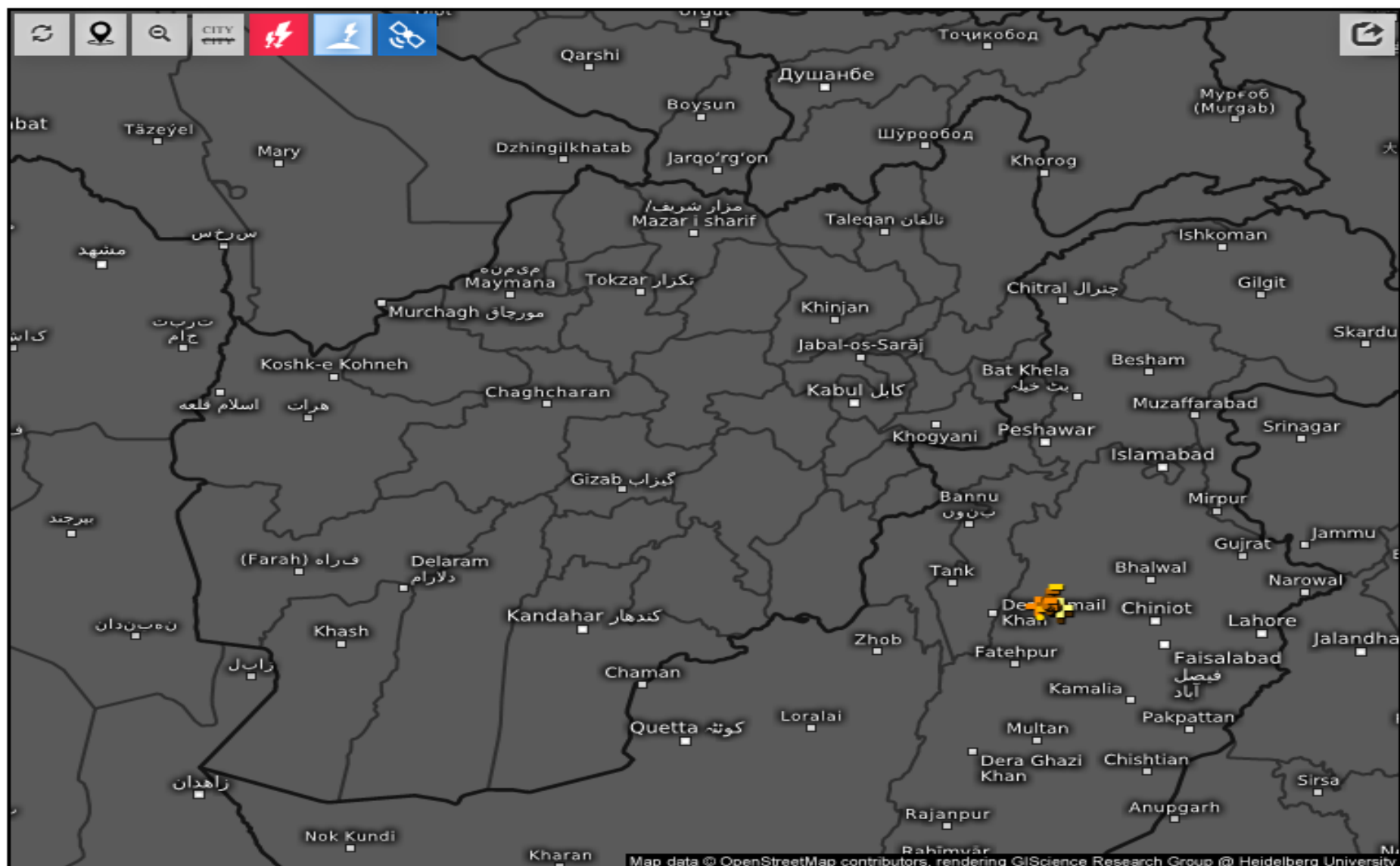
22-06-2025/(2215 to 2242) GMT

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

L1C Mercator

23-06-2025/(0345 to 0412) IST





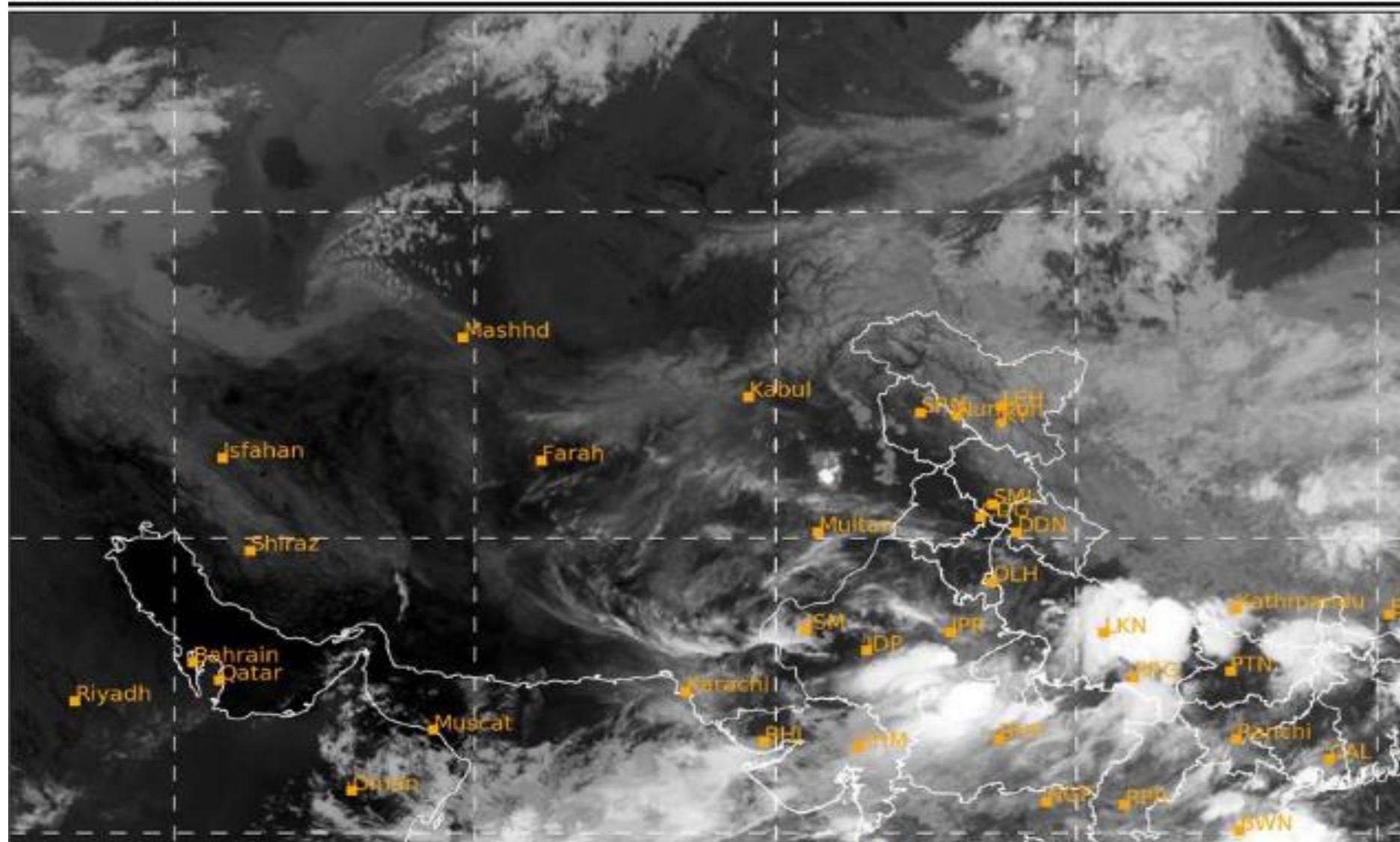
Age of lightning (minutes) 

Mon 06/23/2025, 04:10am GMT+0430

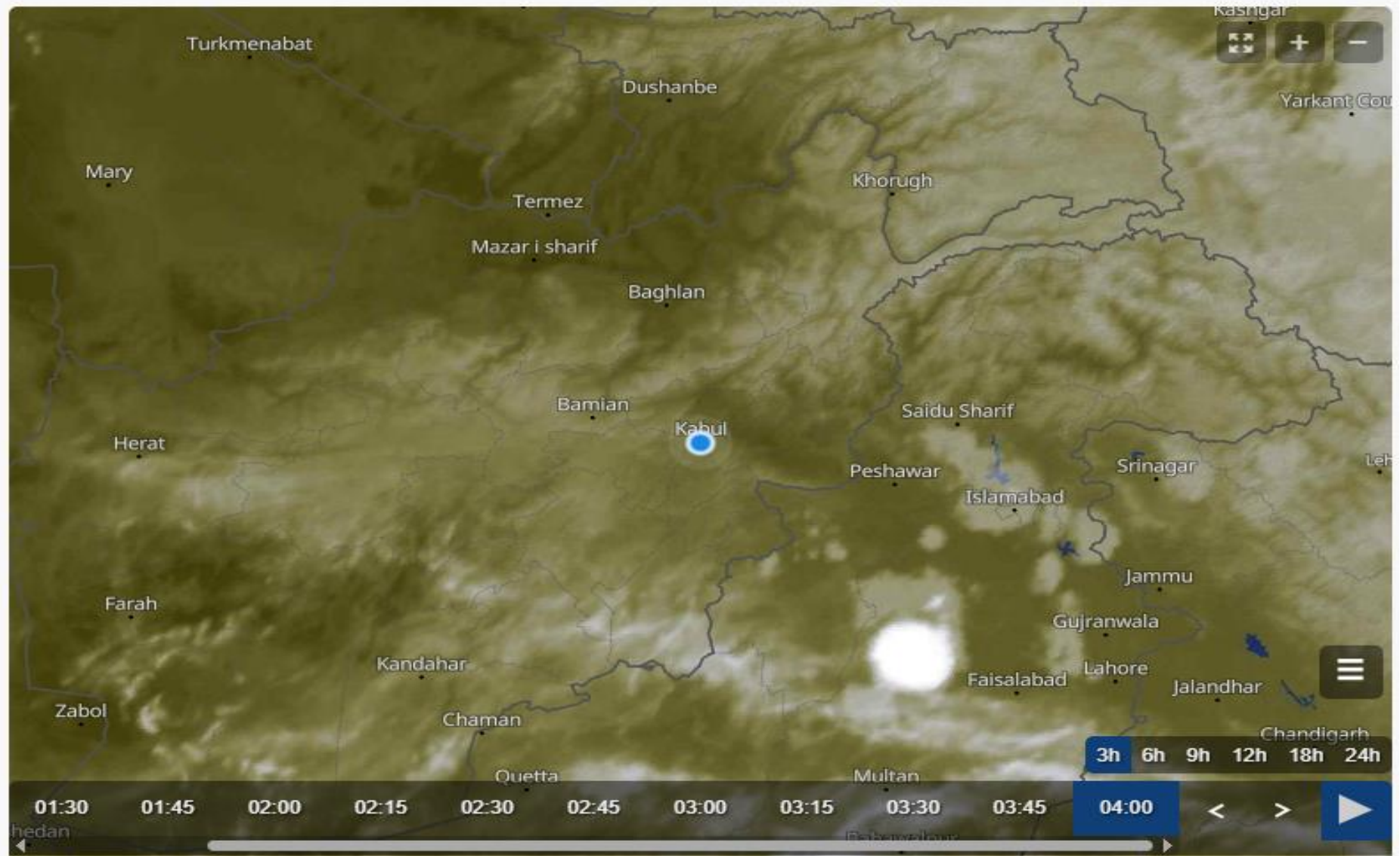


SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

22-06-2025/(2215 to 2242) GMT
23-06-2025/(0345 to 0412) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-06-22 23:15(UTC)

