



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



Daily reports of Satellite imagery analysis. Date & Time: 04/06/2025, 00:00 UTC, Number of reports: 1022

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	√ weak	X	X	
5	central	✓	✓	X	X	X	√ weak	X	X	
6	Northeast	✓	X	X	✓	X	√ weak	X	X	
7	Southeast	✓	✓	X	X	X	√ dry	X	X	
8	Northwest	✓	✓	X	X	X	√ dry	X	X	
9	Southwest	✓	✓	X	X	X	√ dry	X	X	

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, central, southeastern, northwestern and southwestern areas have dust. The eastern, northeastern, areas have partly cloudy sky. The eastern, central and northeastern areas have weak water vapor also the northern, southern, western, southeastern, northwestern and southwestern areas are dry.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-06-03 14:30

AirMass

Thick,
high-level cloud

Thick,
mid-level cloud

Thick,
low-level cloud

Jet

Cold Airmass

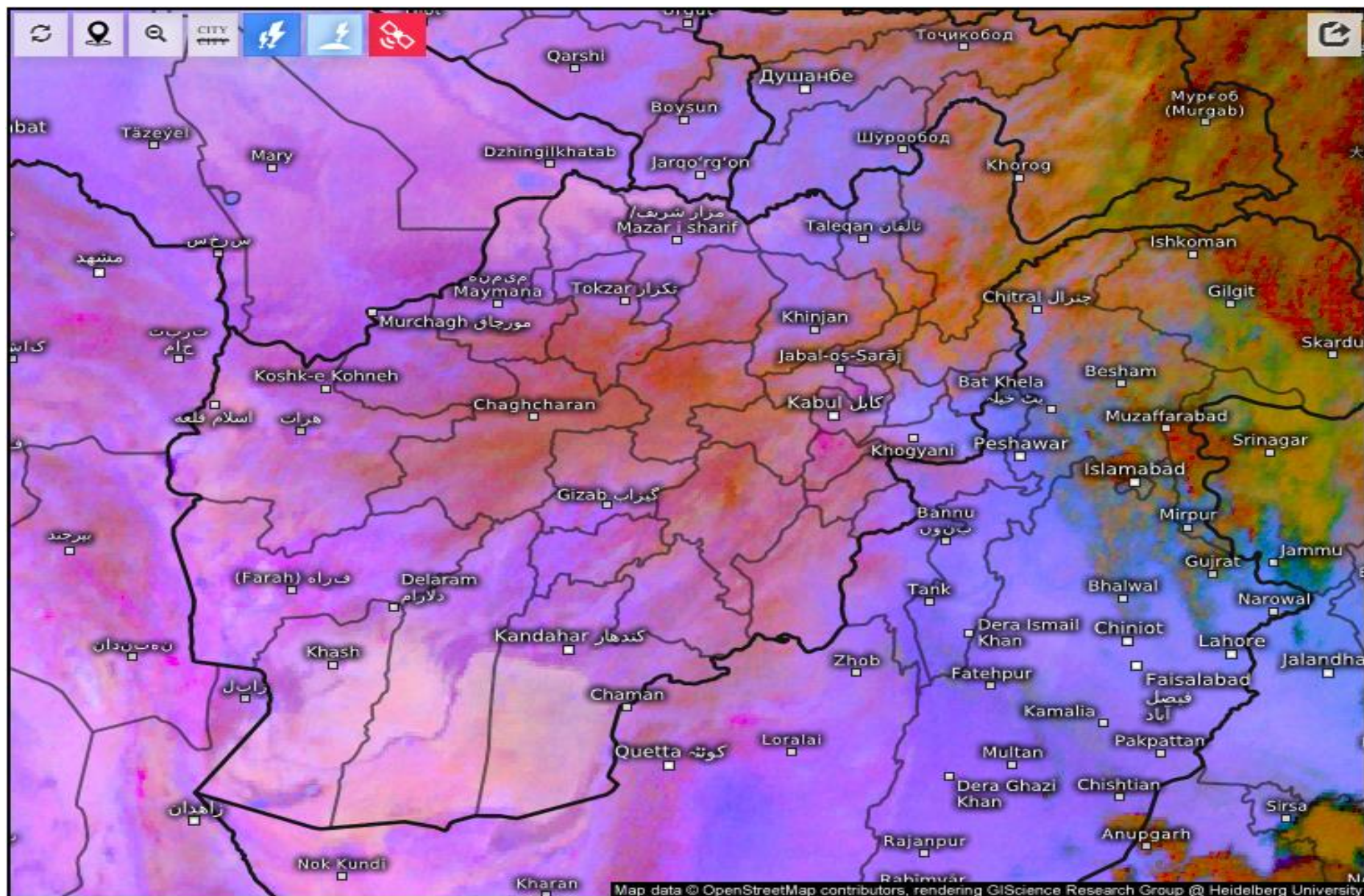
Warm Airmass
(high UTH)

Warm Airmass
(low UTH)

R =
G =
B =

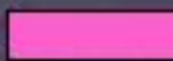
FY-4B AirMass RGB Composite (From WMO)



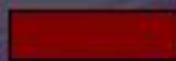


UTC : 2025-06-03 14:15

Dust



Dust



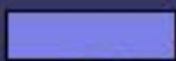
High-level cloud



Thick,
mid-level cloud



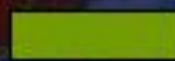
Thin,
mid-level cloud



Ocean



Land



Low-level cloud

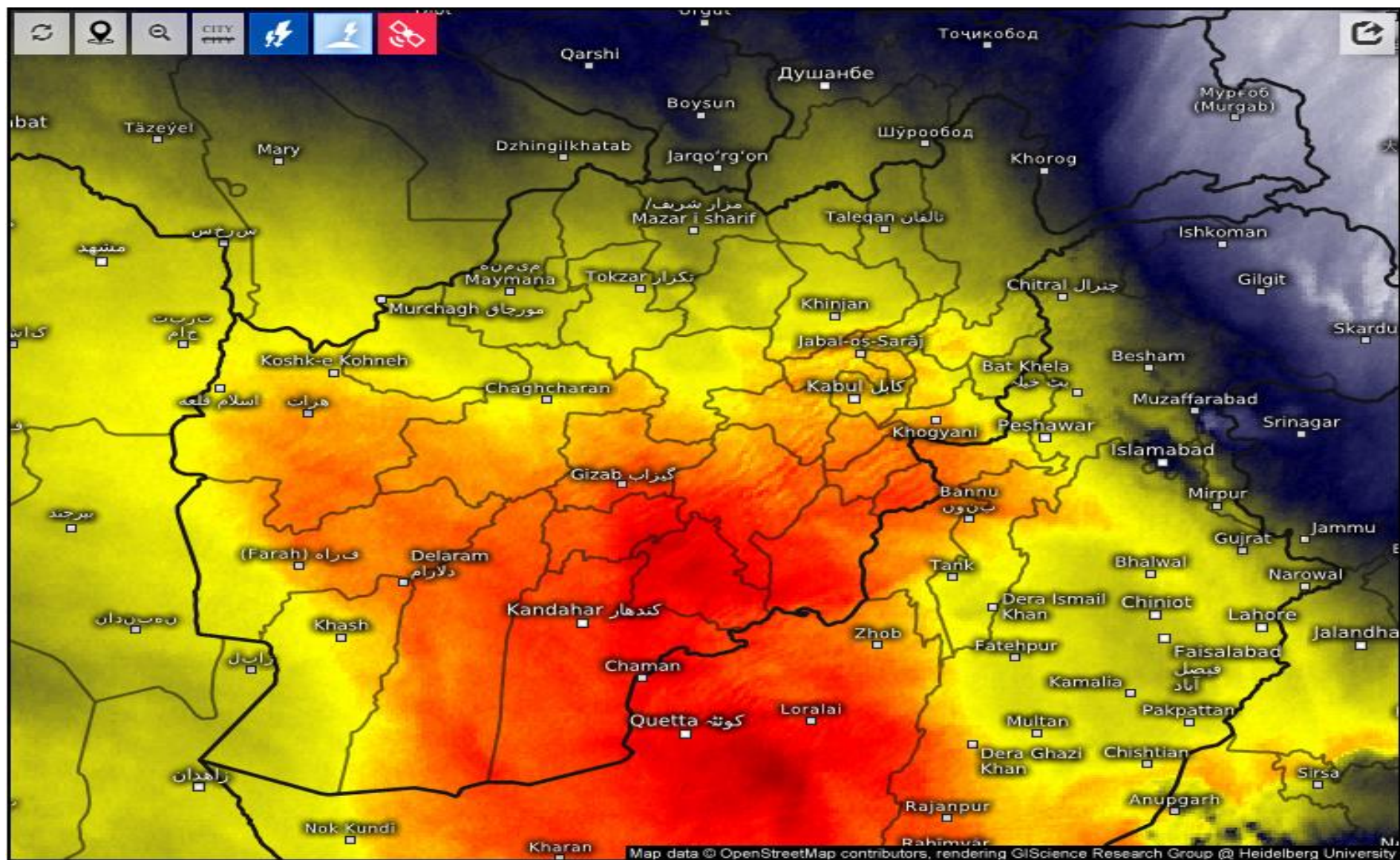


Cirrus

R = IR
G = IR
B = IR

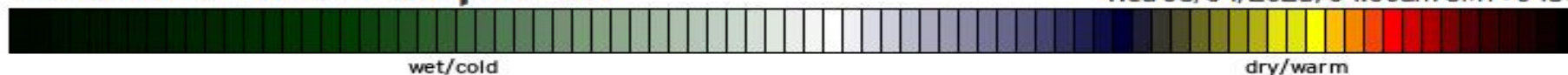
FY-4B Dust RGB Composite (From WMO)





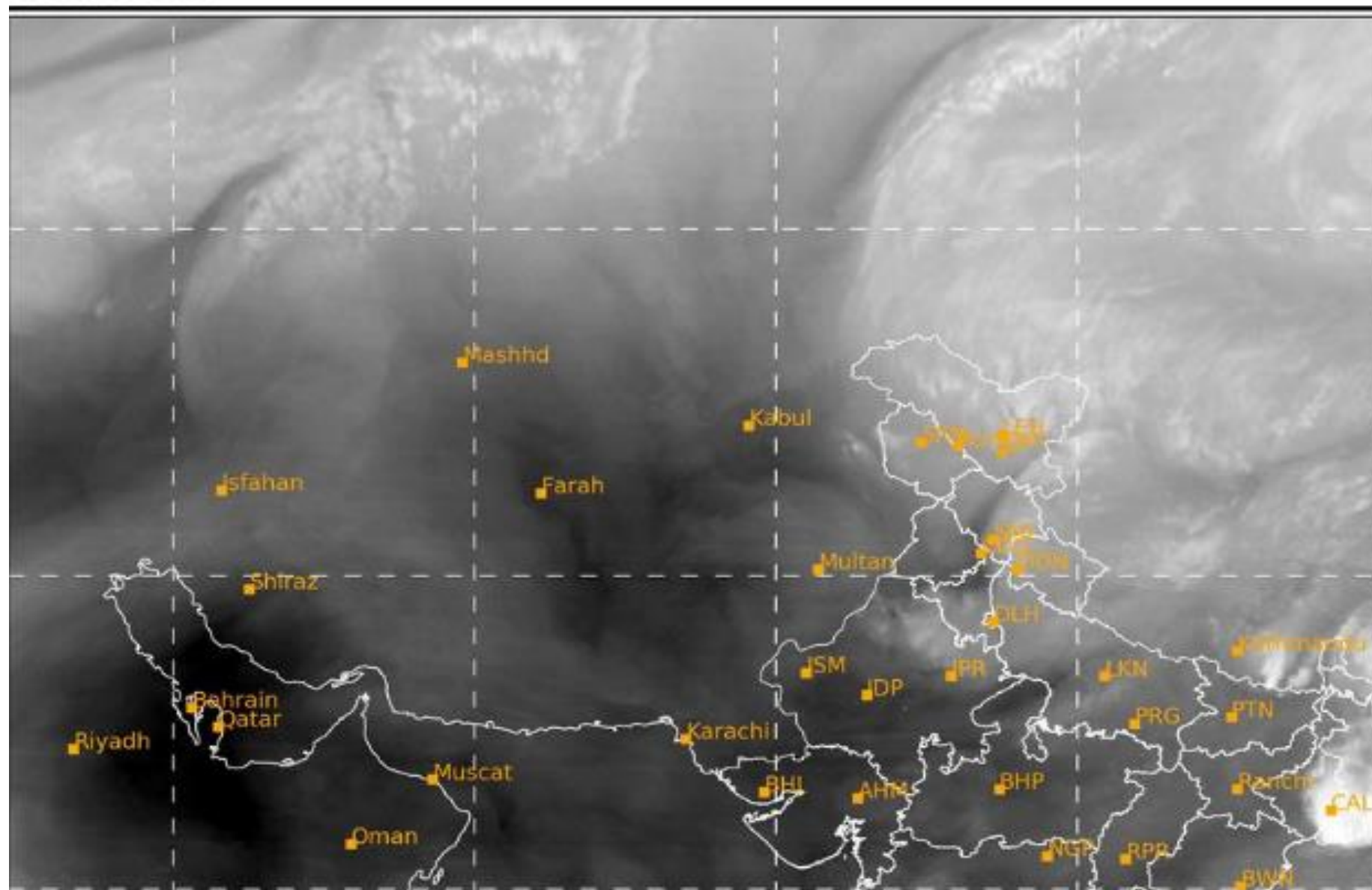
Satellite Water Vapor

Wed 06/04/2025, 04:00am GMT+0430



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

03-06-2025/(2245 to 2312) GMT
04-06-2025/(0415 to 0442) IST



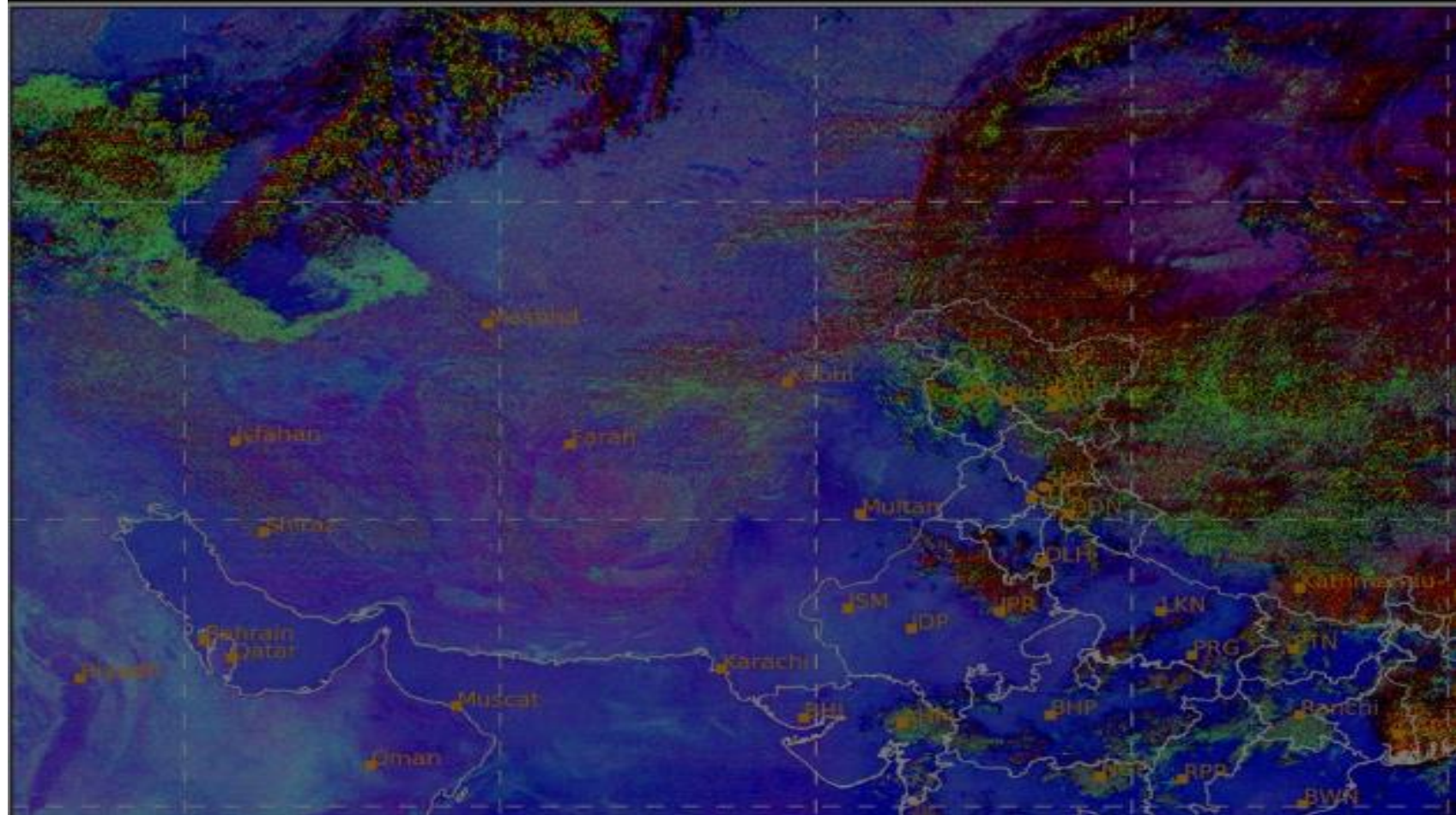
SAT : INSAT-3DR IMG

03-06-2025/(2245 to 2312) GMT

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

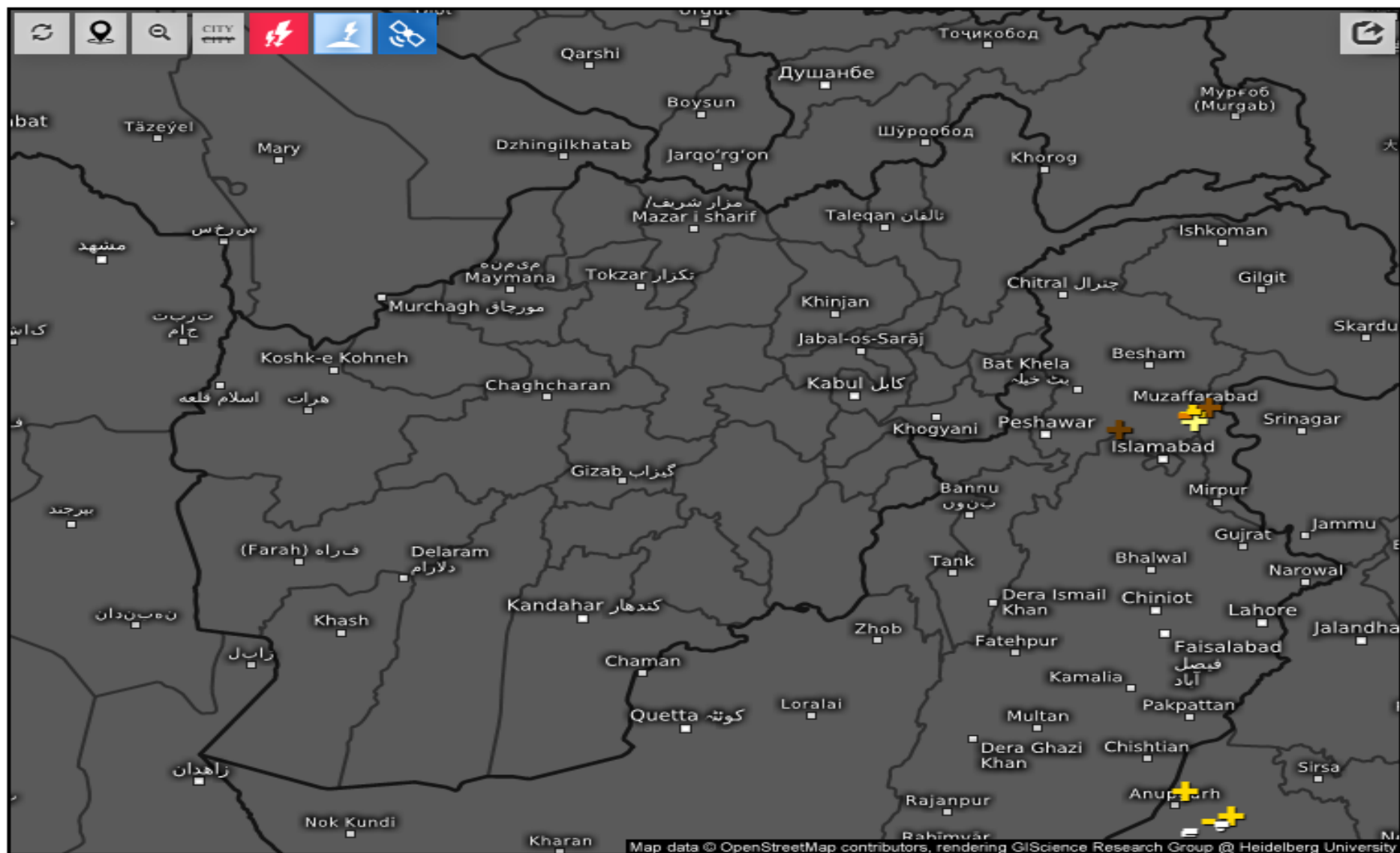
L1C Mercator

04-06-2025/(0415 to 0442) IST



0 100% 0 60% 203 323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust



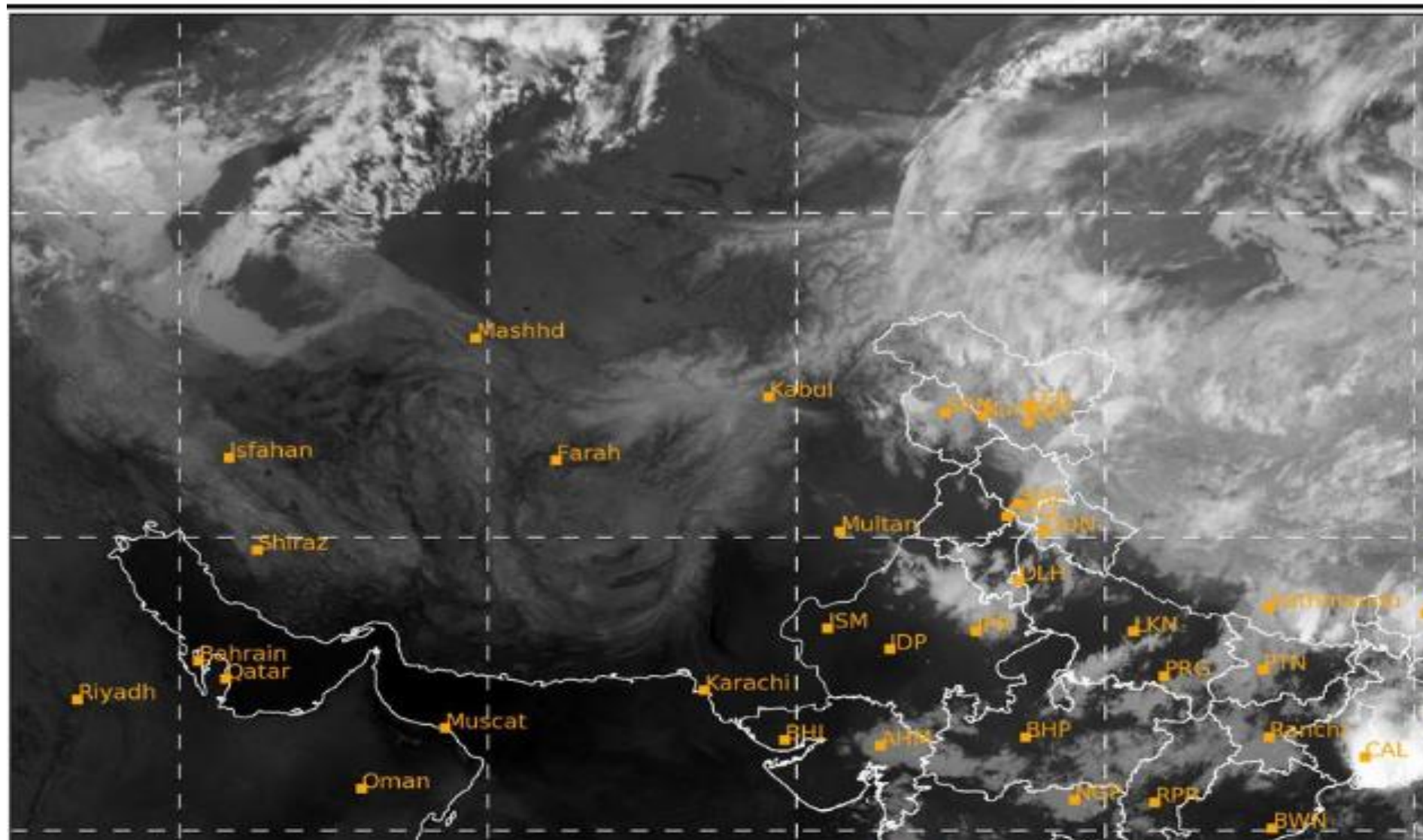
Age of lightning (minutes) 

Wed 06/04/2025, 04:10am GMT+0430

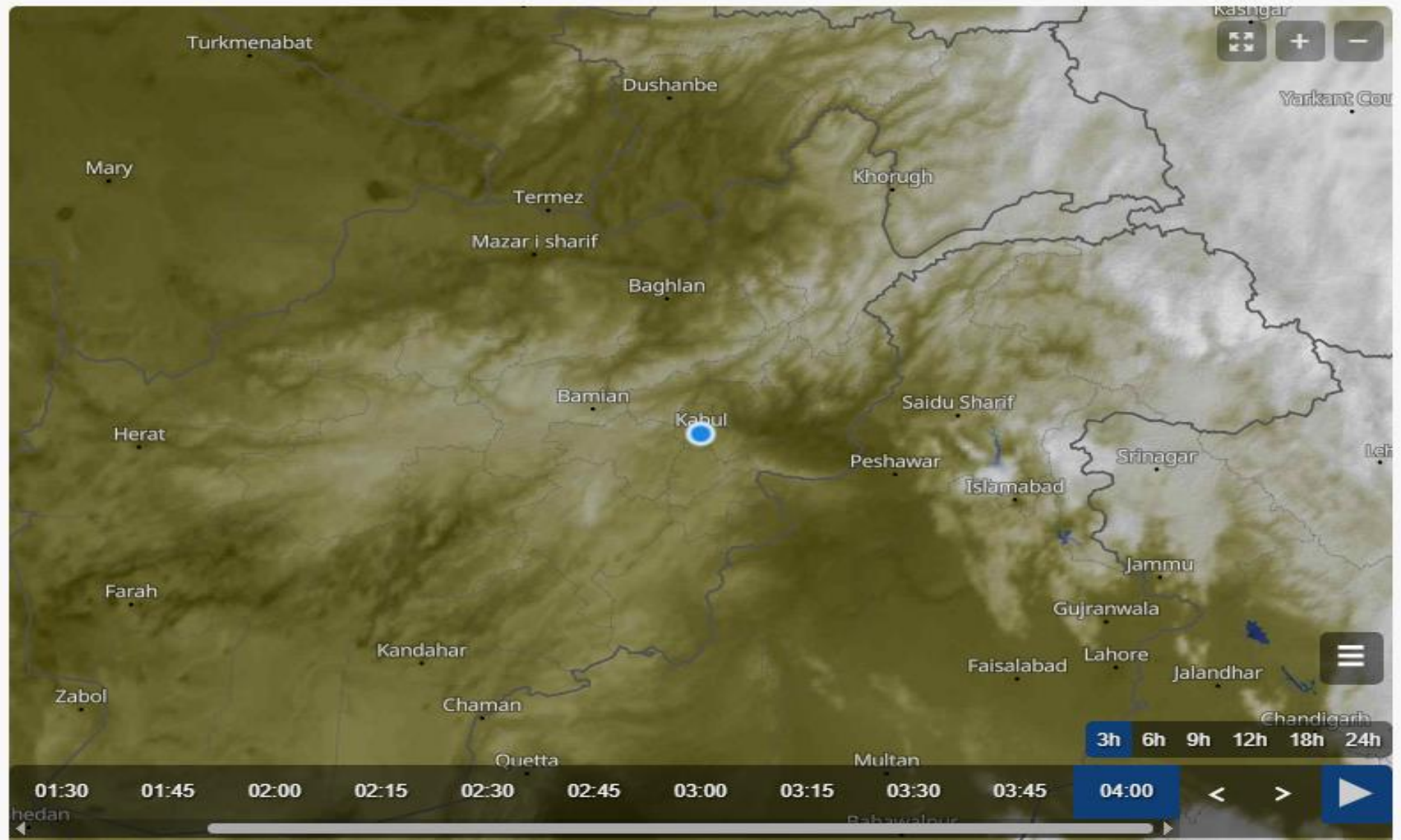


SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

03-06-2025/(2245 to 2312) GMT
04-06-2025/(0415 to 0442) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-06-03 23:15(UTC)

