



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



Daily reports of Satellite imagery analysis. Date & Time: 25/06/2025, 00:00 UTC, Number of reports: 1067

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	X	X	√ dry	X	X	
2	South	✓	X	X	X	X	√ dry	X	X	
3	West	✓	✓	X	X	X	√ weak	X	X	
4	East	✓	X	X	✓	X	√ weak	X	X	
5	central	✓	X	X	X	X	√ weak	X	X	
6	Northeast	X	X	X	✓	X	√ dry	X	X	
7	Southeast	✓	X	X	✓	X	√ dry	X	X	
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, eastern, central, southwestern and southeastern areas have worm air mass (High UTH). The western, northwestern and southwestern areas have dust. The eastern, southeastern and northeastern areas have cloudy sky. The all region have dry water vapor with the exception of the western, eastern and central areas have weak water vapor.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-06-24 14:15

AirMass



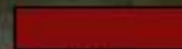
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



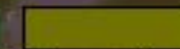
Jet



Cold Airmass



Warm Airmass
(high UTH)

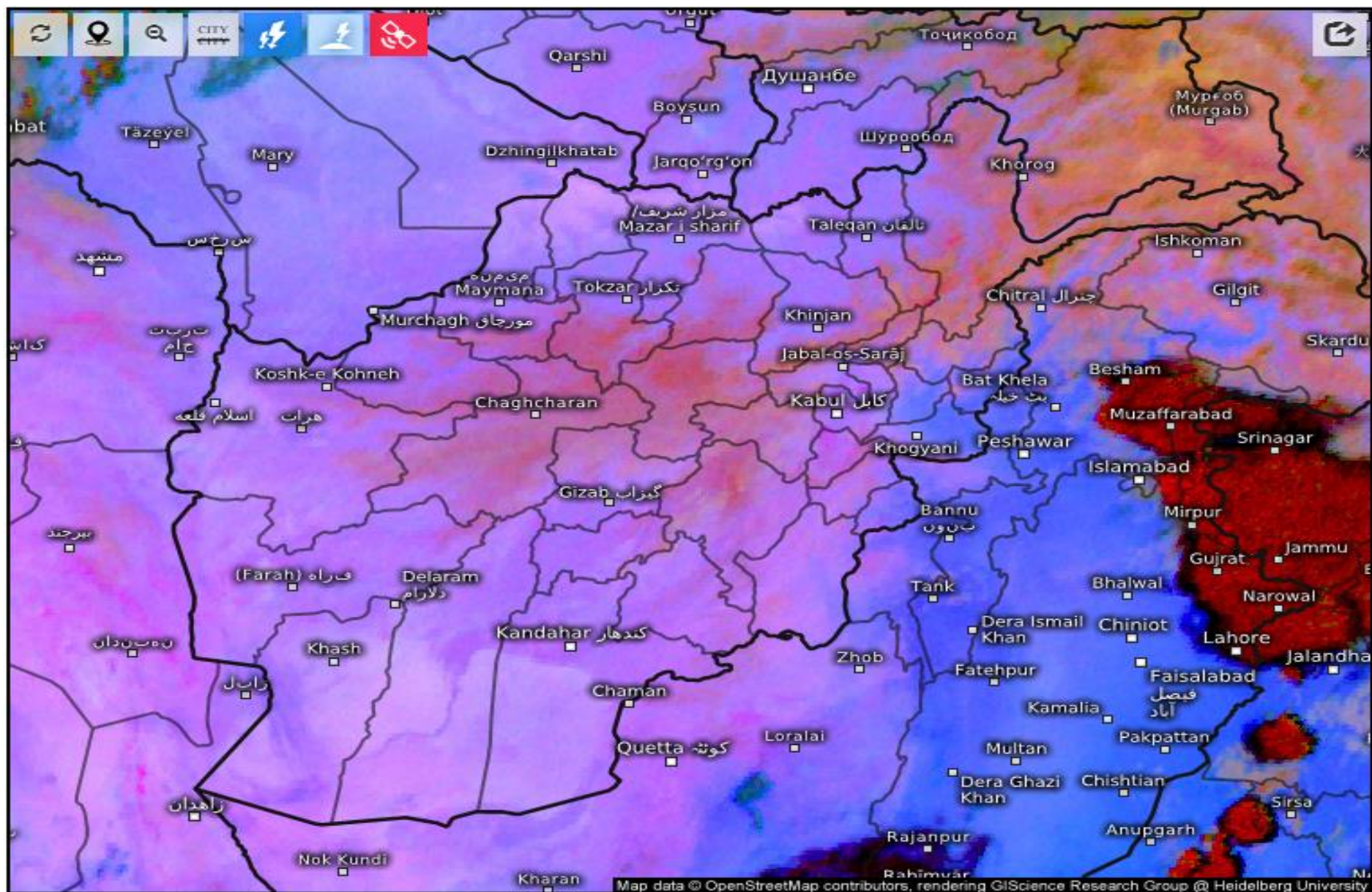


Warm Airmass
(low UTH)

R = WV (6
G = IR (8.
B = WV (6

FY-4B AirMass RGB Composite (From WMO)



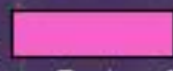


Satellite Dust 

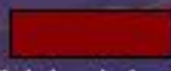
Wed 06/25/2025, 04:00am GMT+0430

UTC : 2025-06-24 14:30

Dust



Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



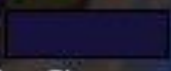
Ocean



Land



Low-level cloud

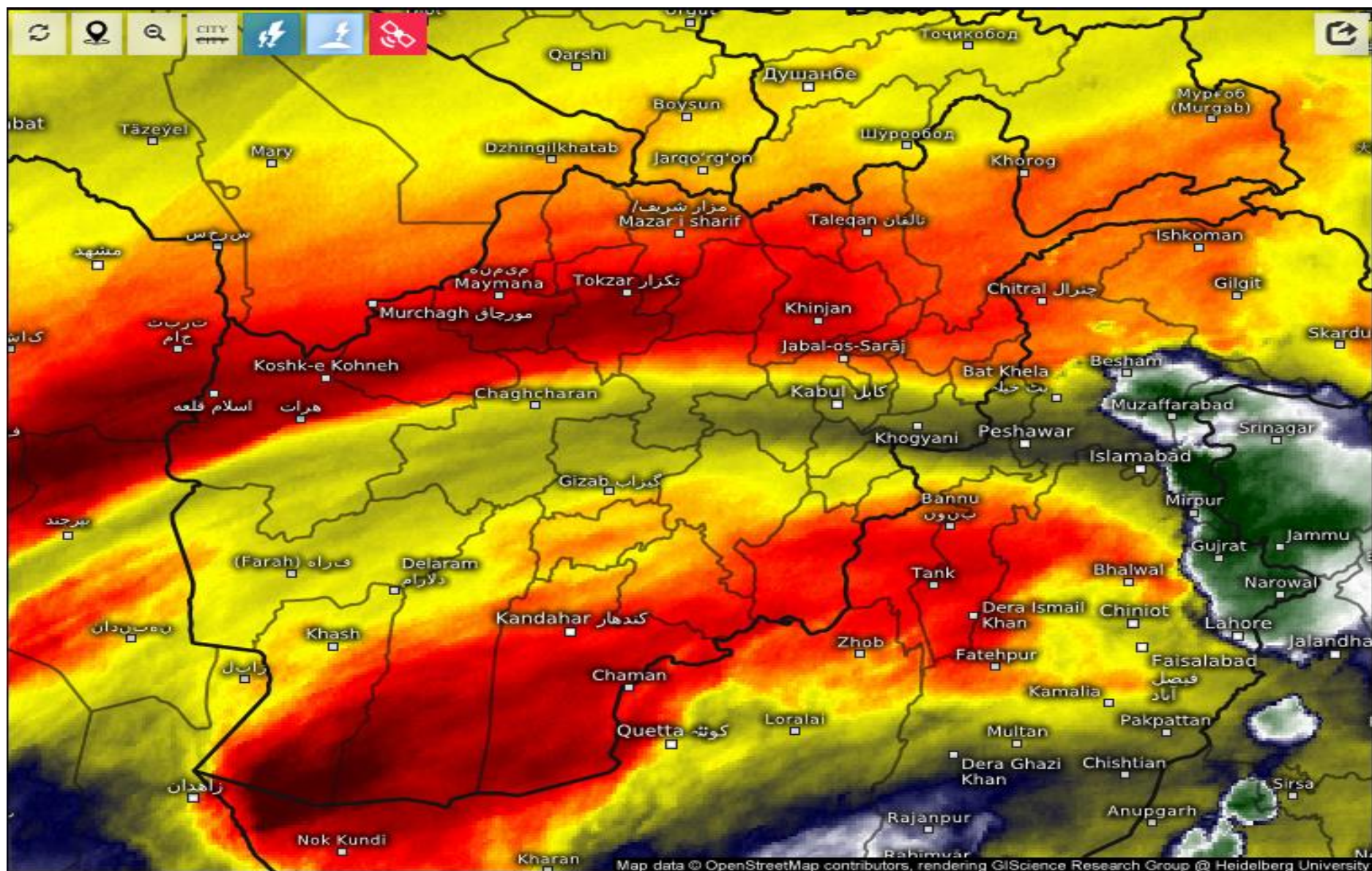


Cirrus

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

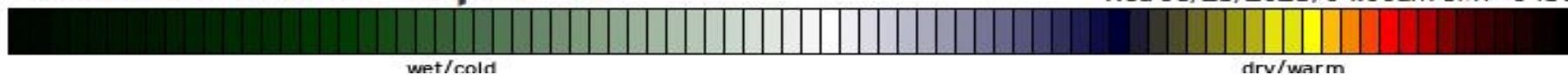
FY-4B Dust RGB Composite (From WMO)





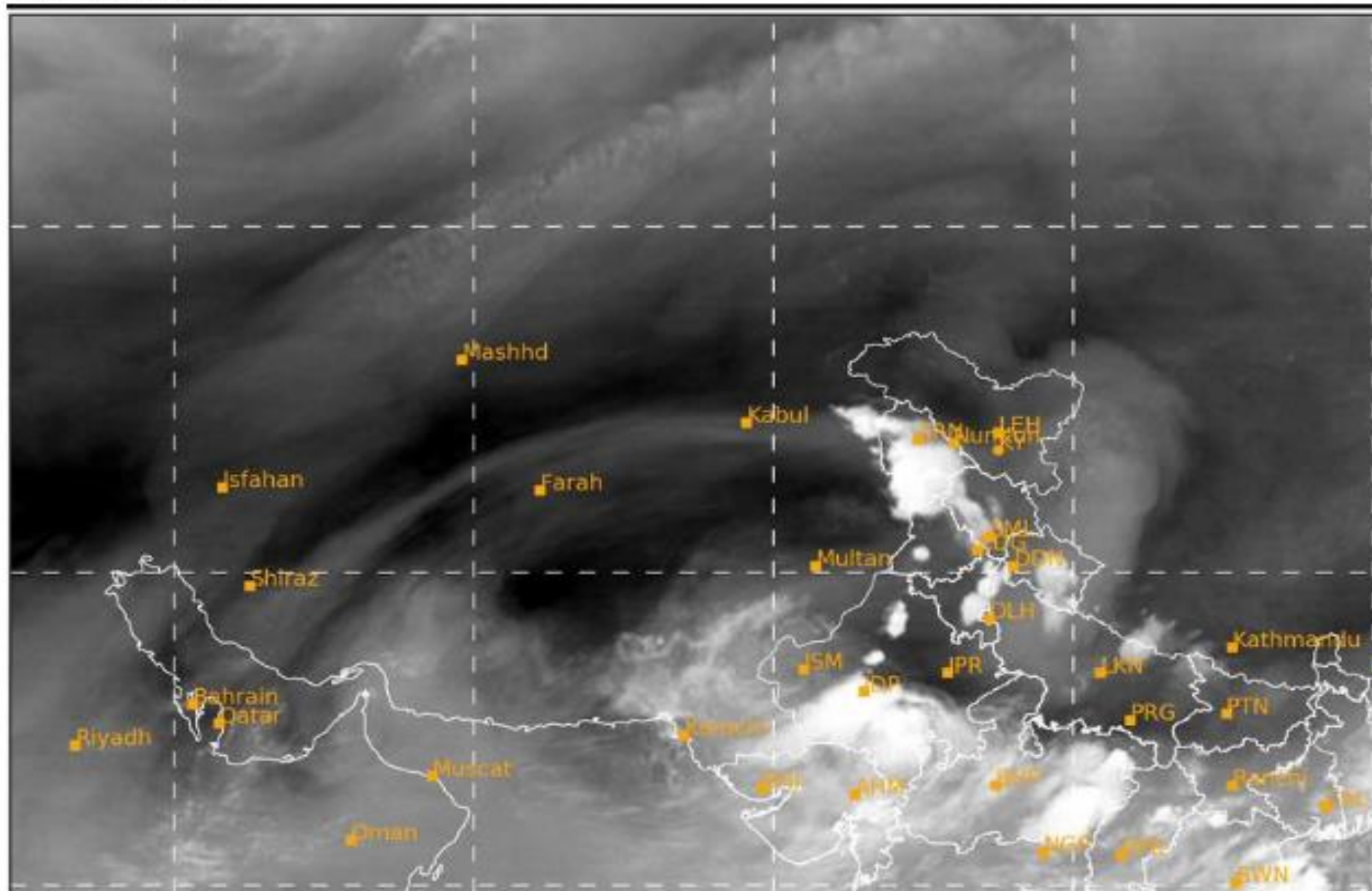
Satellite Water Vapor

Wed 06/25/2025, 04:00am GMT+0430



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

24-06-2025/(2215 to 2242) GMT
25-06-2025/(0345 to 0412) IST



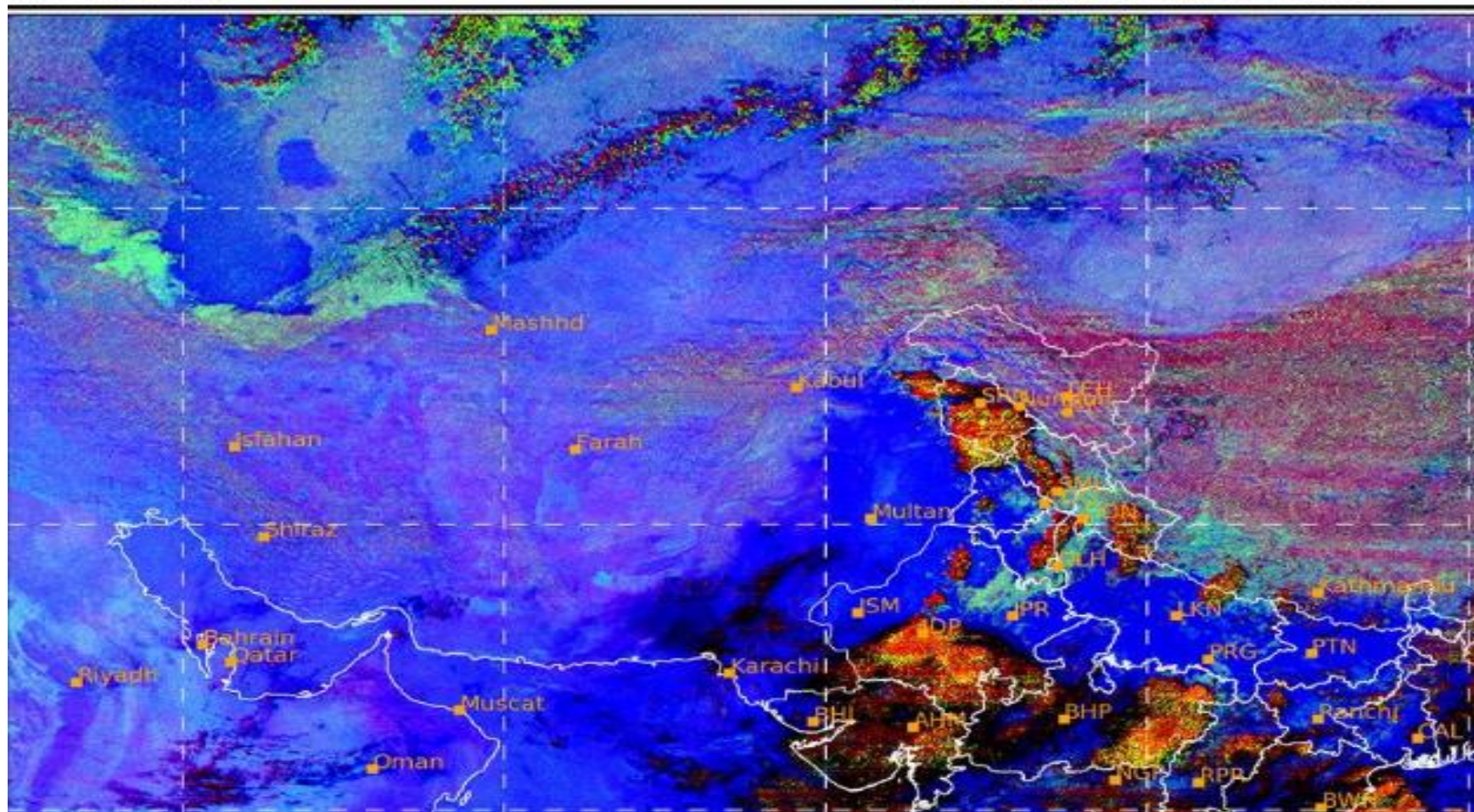
SAT : INSAT-3DR IMG

24-06-2025/(2215 to 2242) GMT

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

L1C Mercator

25-06-2025/(0345 to 0412) IST



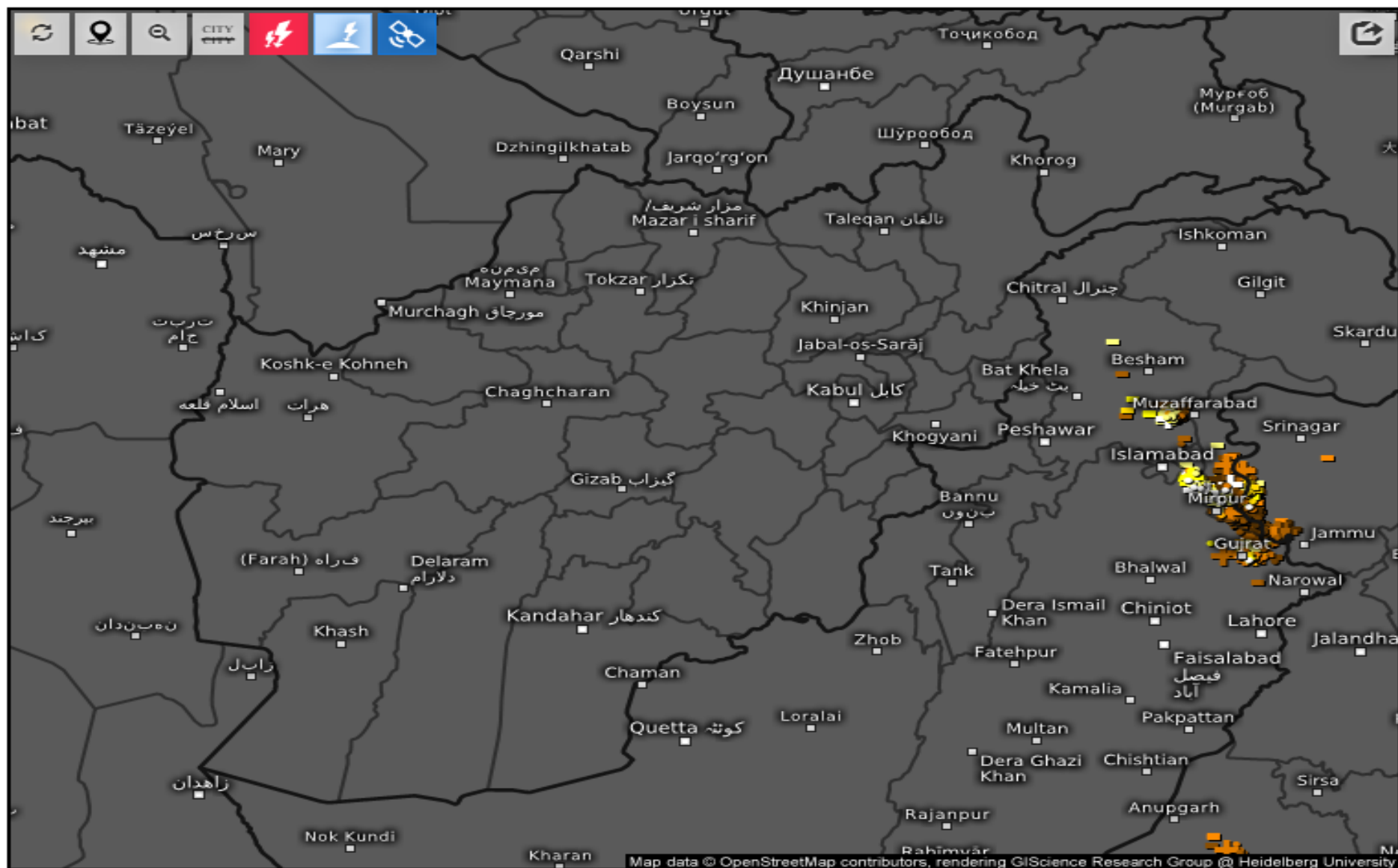
0

100% 0

60% 203

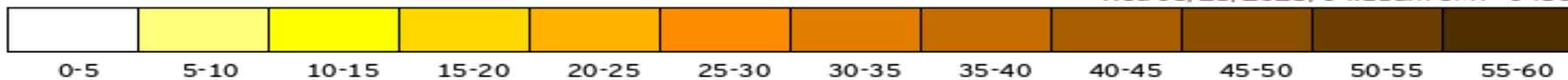
323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust



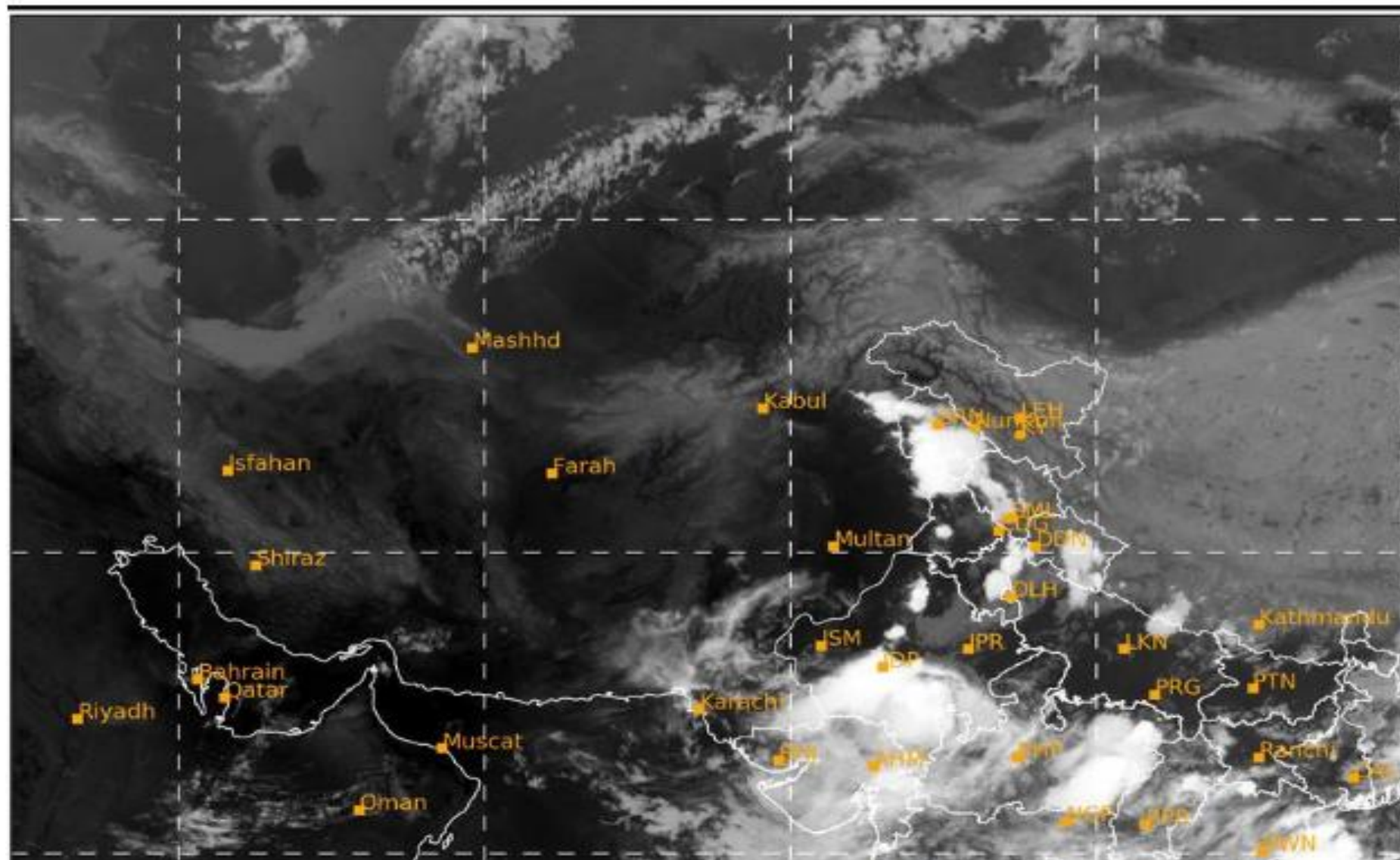
Age of lightning (minutes) 

Wed 06/25/2025, 04:15am GMT+0430

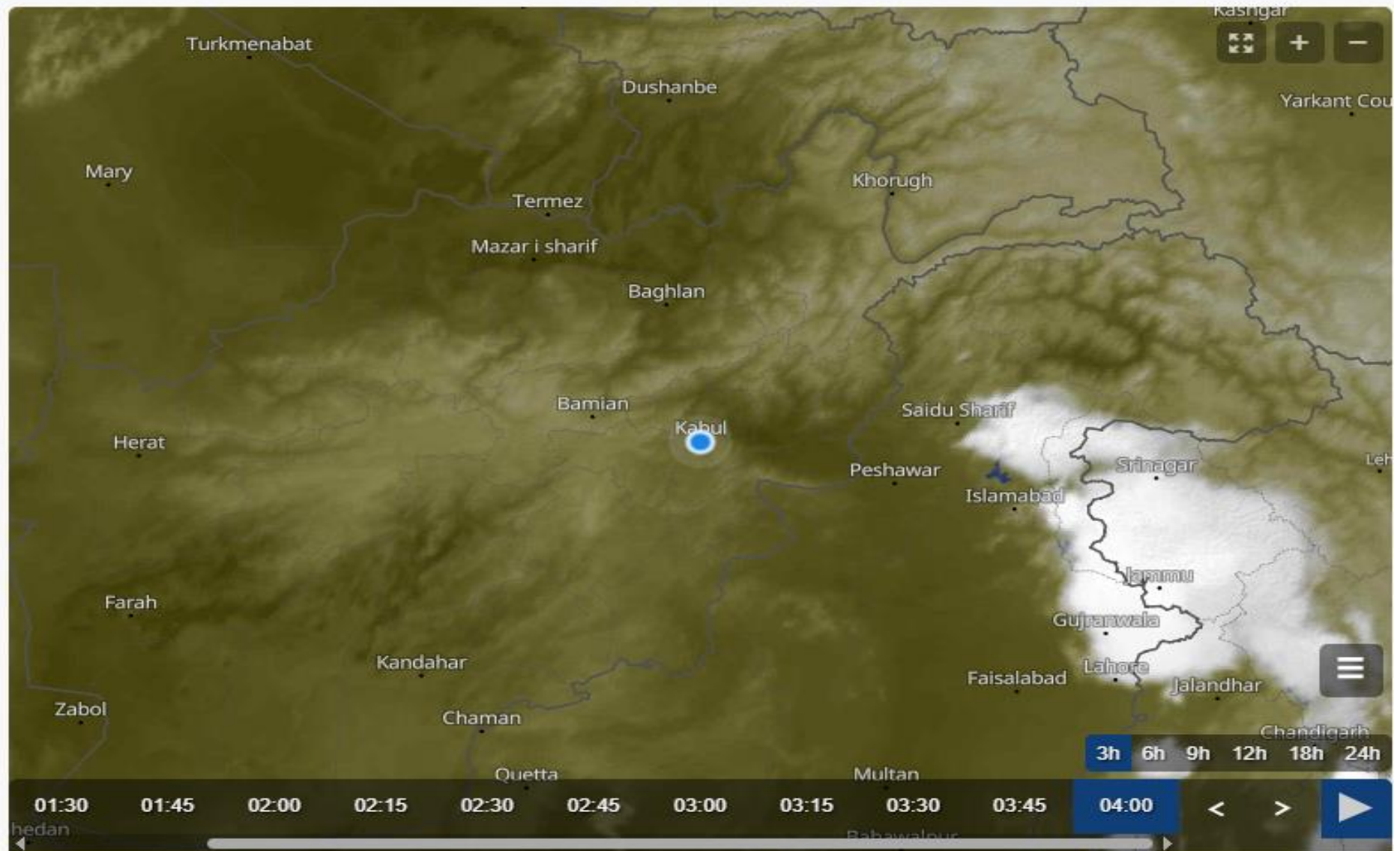


SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

24-06-2025/(2215 to 2242) GMT
25-06-2025/(0345 to 0412) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-06-24 23:15(UTC)

