



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



Daily reports of Satellite imagery analysis. Date & Time: 24/05/2025, 00:00 UTC, Number of reports: 998

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

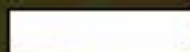
Details: According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, southwestern and northwestern areas have warm air mass (High UTH). The northern, southern, western, eastern, central, southeastern, southwestern and northwestern areas have dust. The central and northeastern areas have partly cloudy sky. The eastern, central, southeastern, northwestern areas have weak water vapor the northeastern and northeastern areas have moderate water vapor, also the southern, western, and southwestern areas are dry.

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

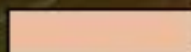
- Reported by: Esmatullah Mohammadi

UTC : 2025-05-23 14:30

AirMass



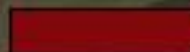
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



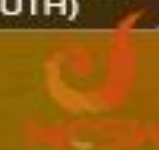
Warm Airmass
(high UTH)

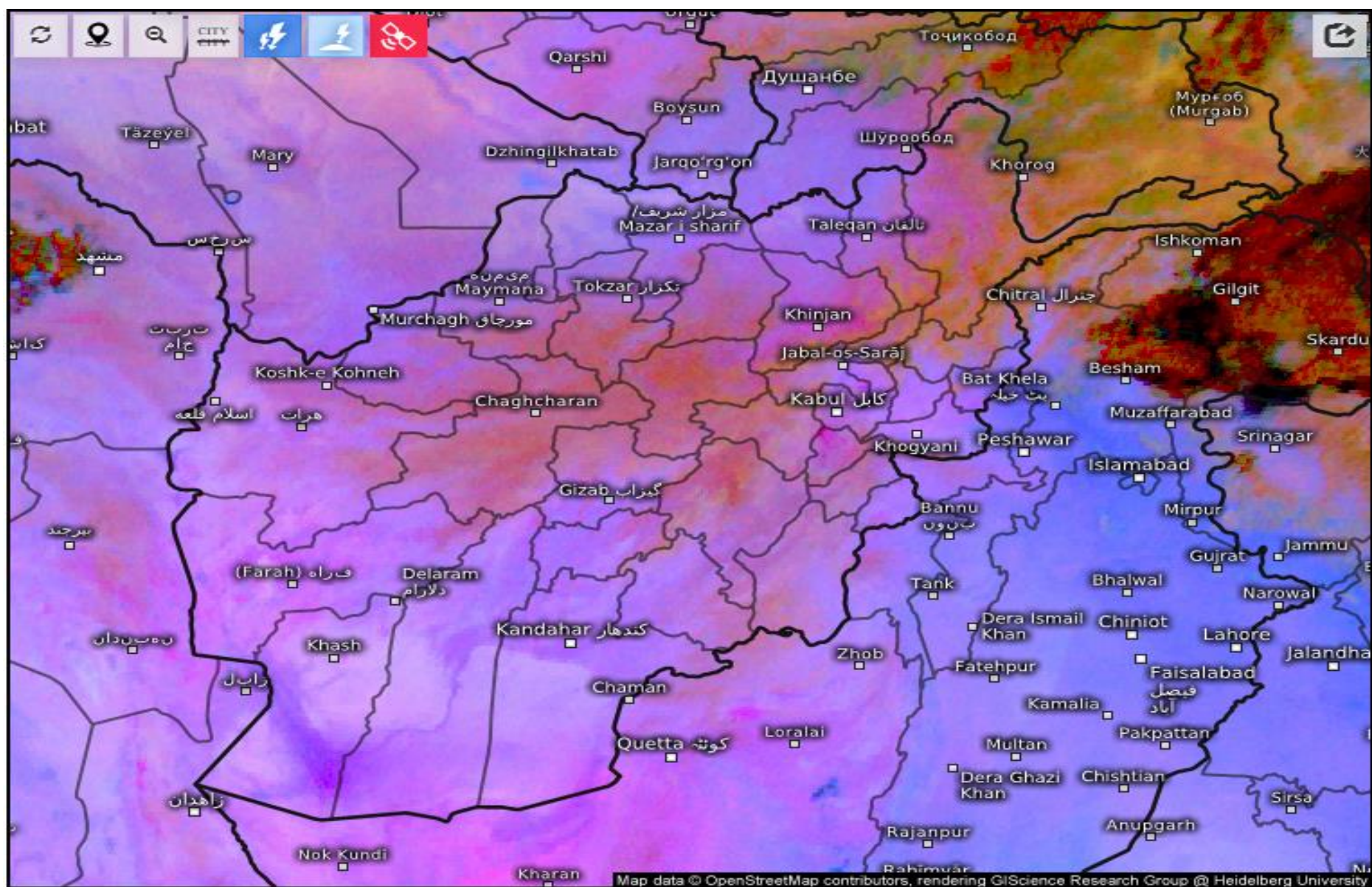


Warm Airmass
(low UTH)

R=
G=
B=

FY-4B AirMass RGB Composite (From WMO)



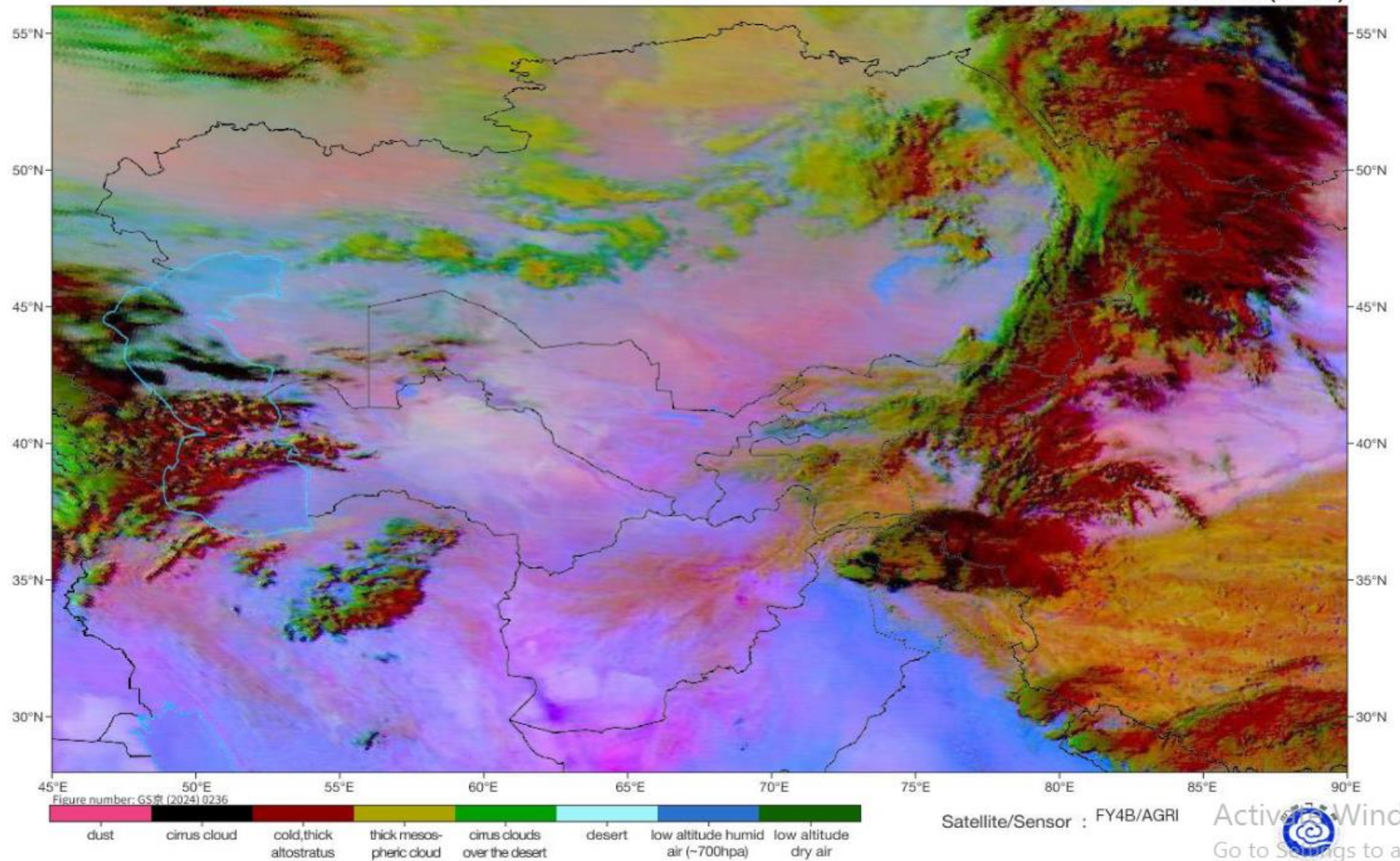


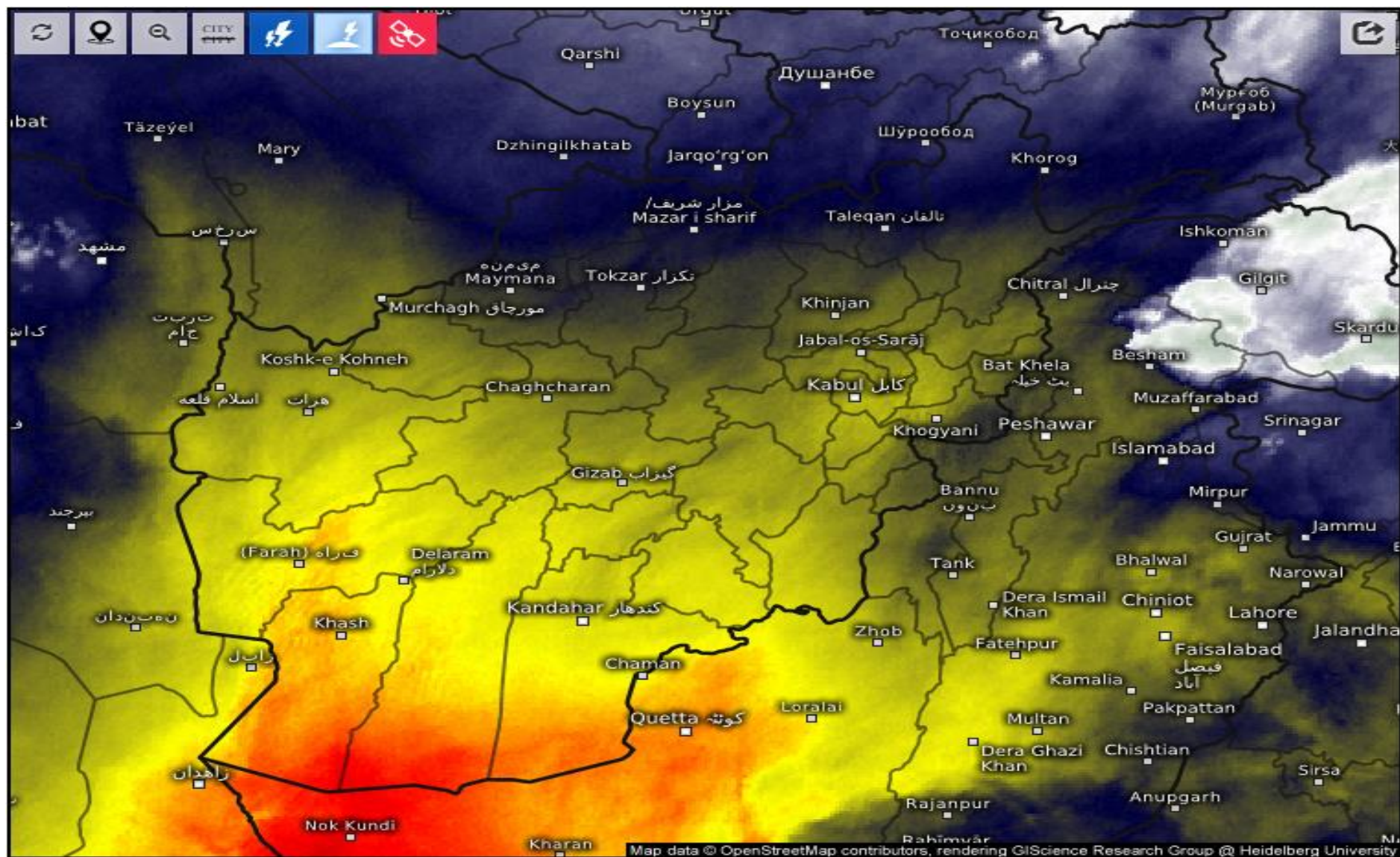
Satellite Dust 

Sat 05/24/2025, 04:00am GMT+0430

Sand And Dust Identification

2025-05-23 23:30(UTC)





Satellite Water Vapor

Sat 05/24/2025, 04:00am GMT+0430



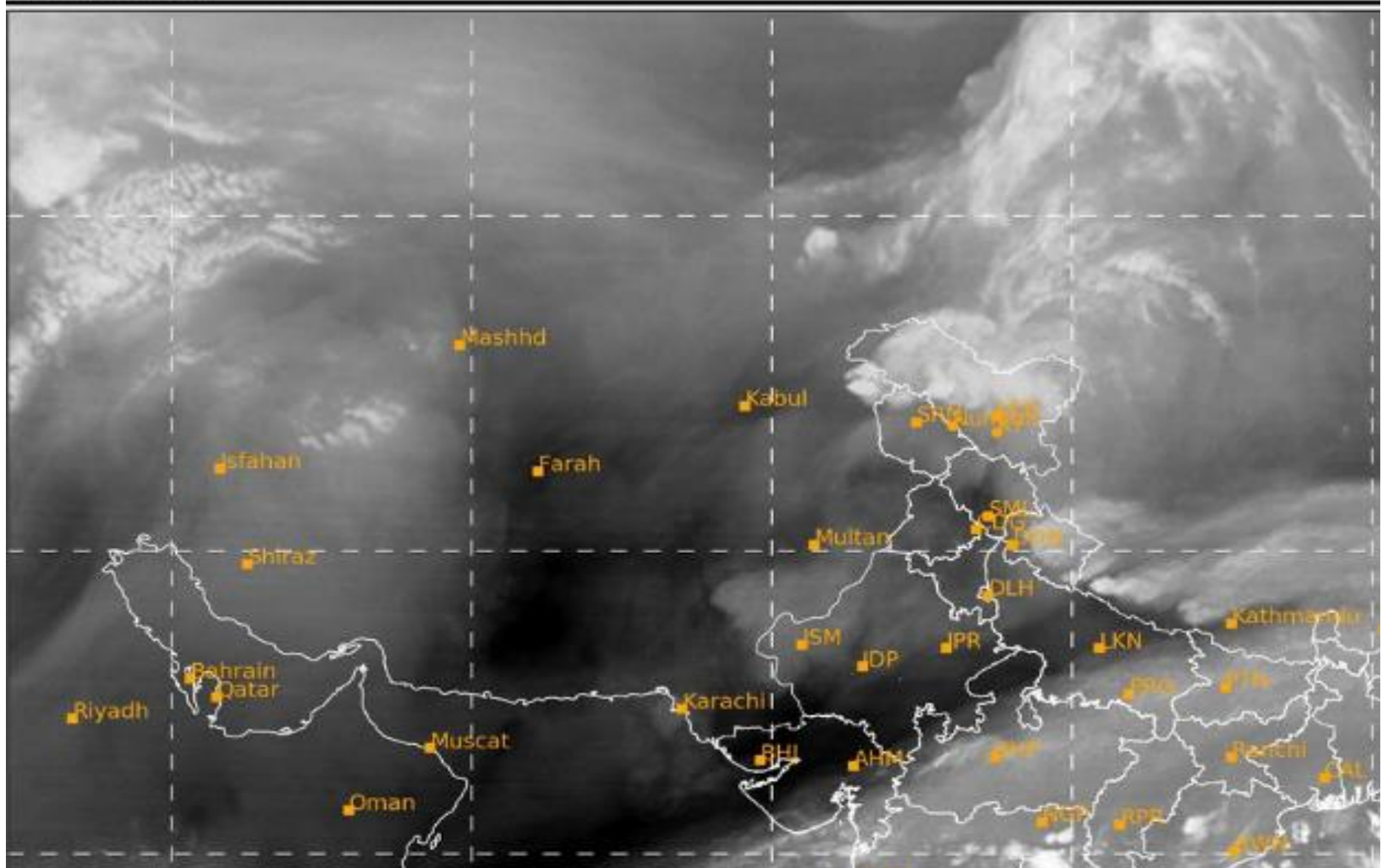
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

23-05-2025/(2245 to 2312) GMT

24-05-2025/(0415 to 0442) IST



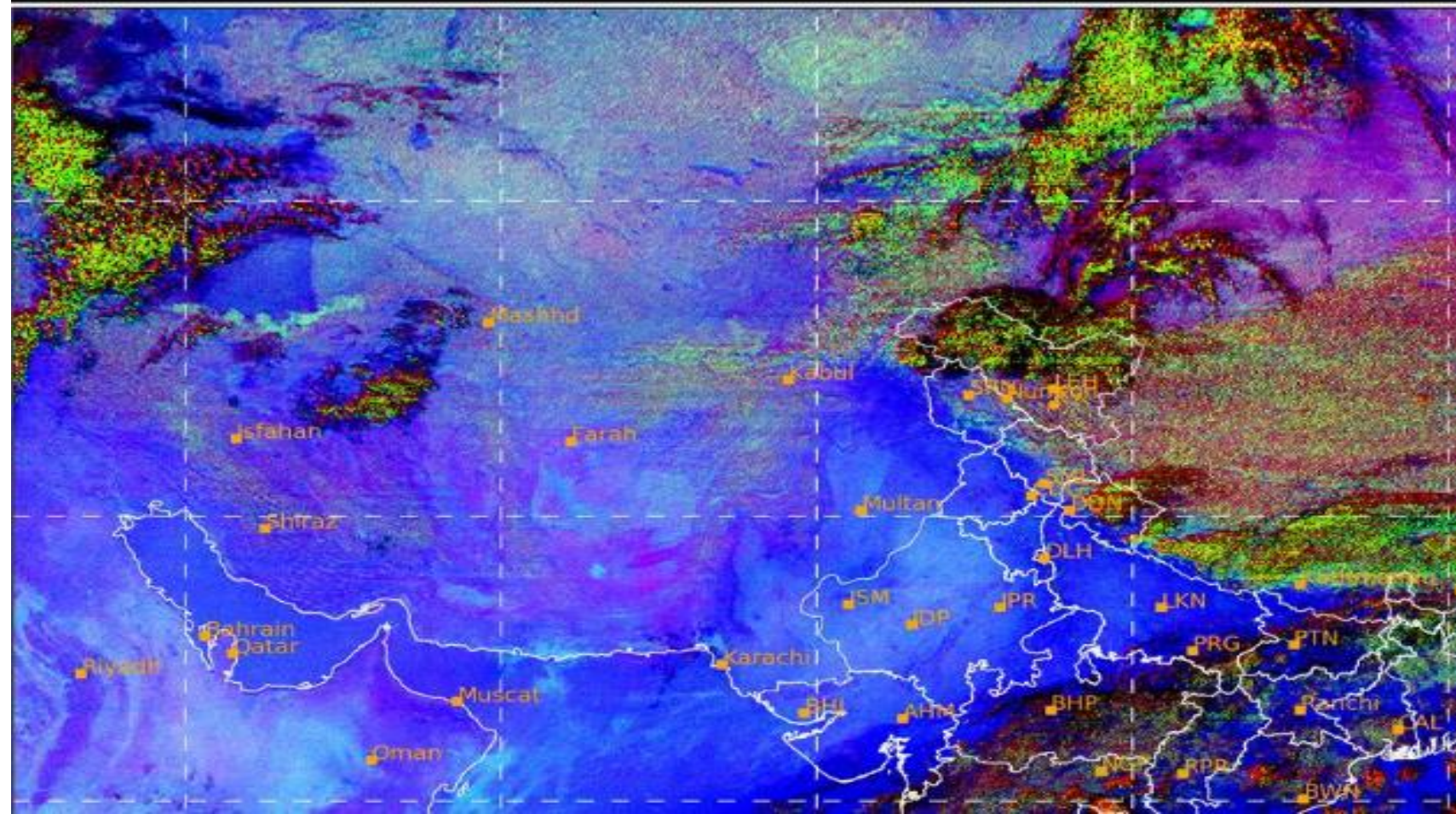
SAT : INSAT-3DR IMG

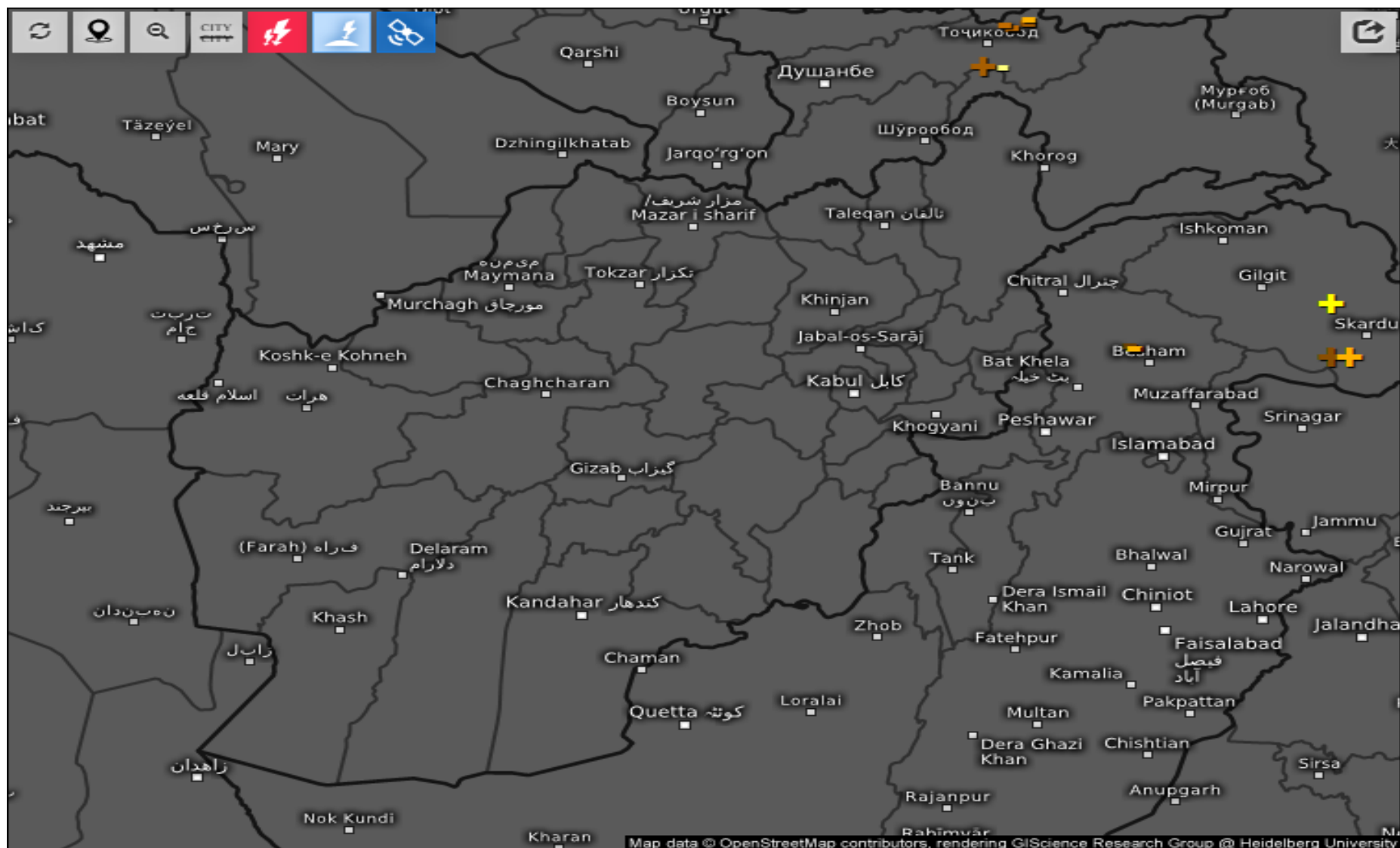
23-05-2025/(2245 to 2312) GMT

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

L1C Mercator

24-05-2025/(0415 to 0442) IST





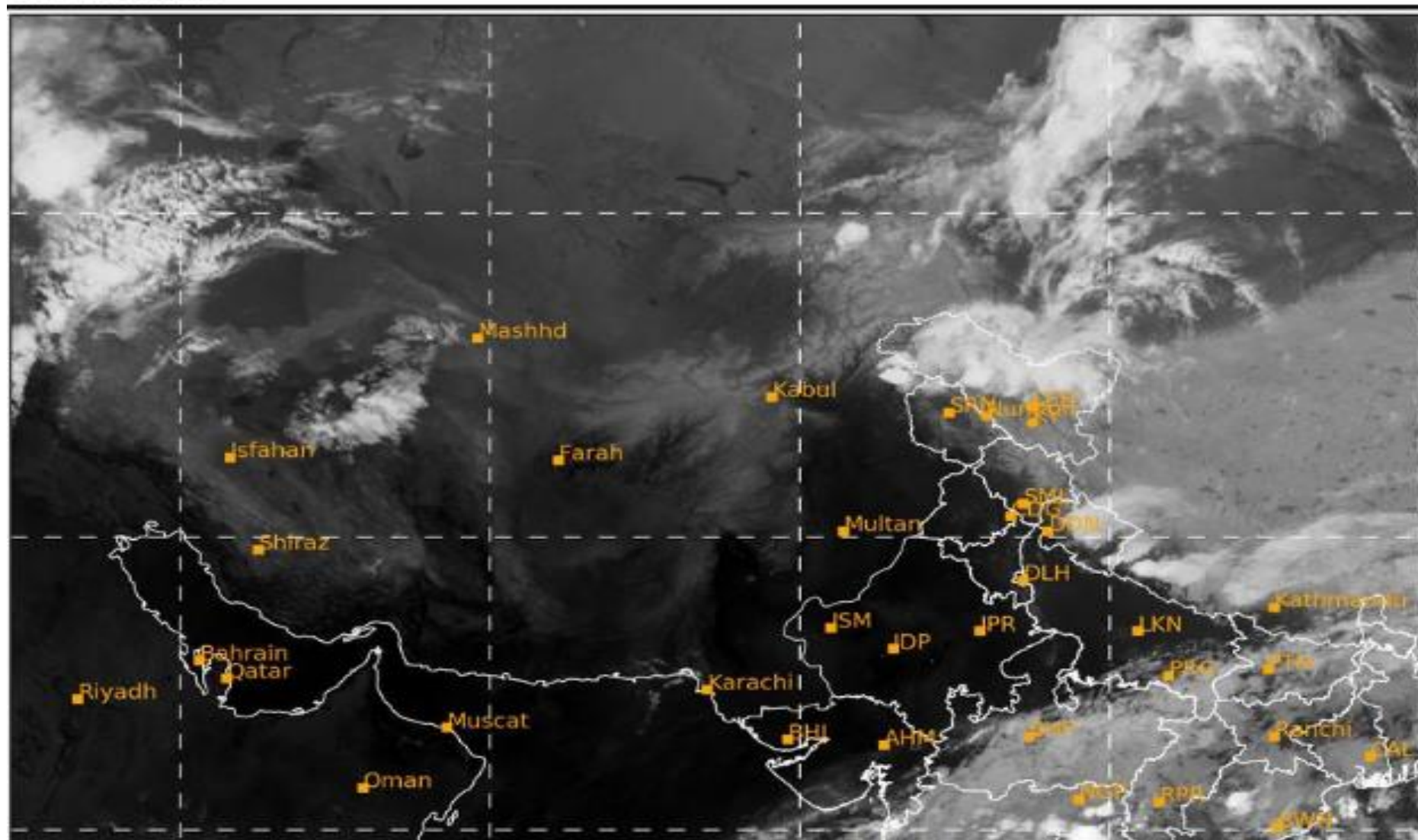
Age of lightning (minutes) 

Sat 05/24/2025, 04:05am GMT+0430

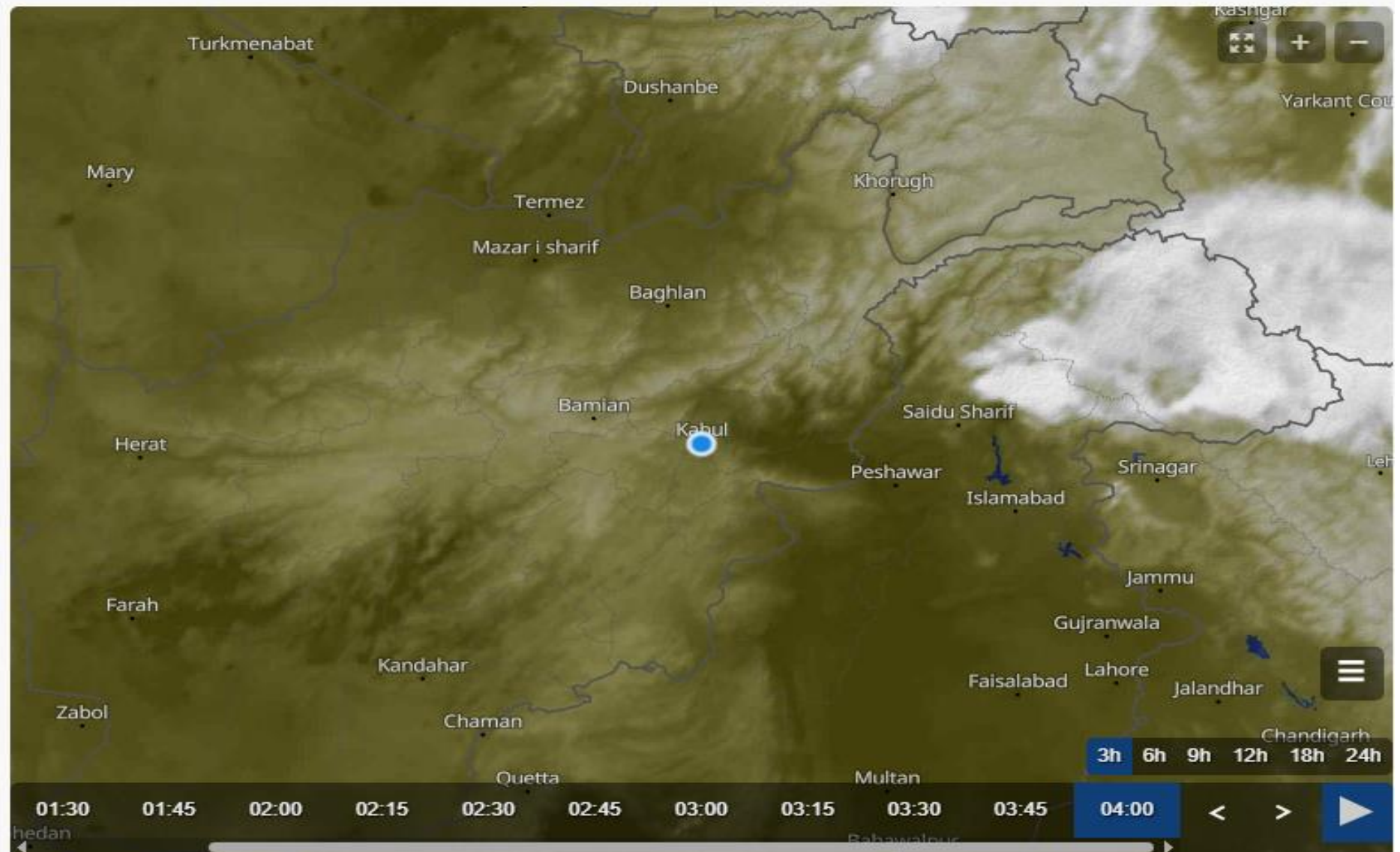


SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

23-05-2025/(2245 to 2312) GMT
24-05-2025/(0415 to 0442) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-05-23 23:15(UTC)

