



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



Daily reports of Satellite imagery analysis. Date & Time: 23/05/2025, 00:00 UTC, Number of reports: 996

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

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 southern, western, eastern, central, southeastern, southwestern and northwestern areas have dust. The 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 : 2025-05-22 14:15

AirMass

Thick, high-level cloud
Thick, mid-level cloud
Thick, low-level cloud

Jet

Cold Airmass

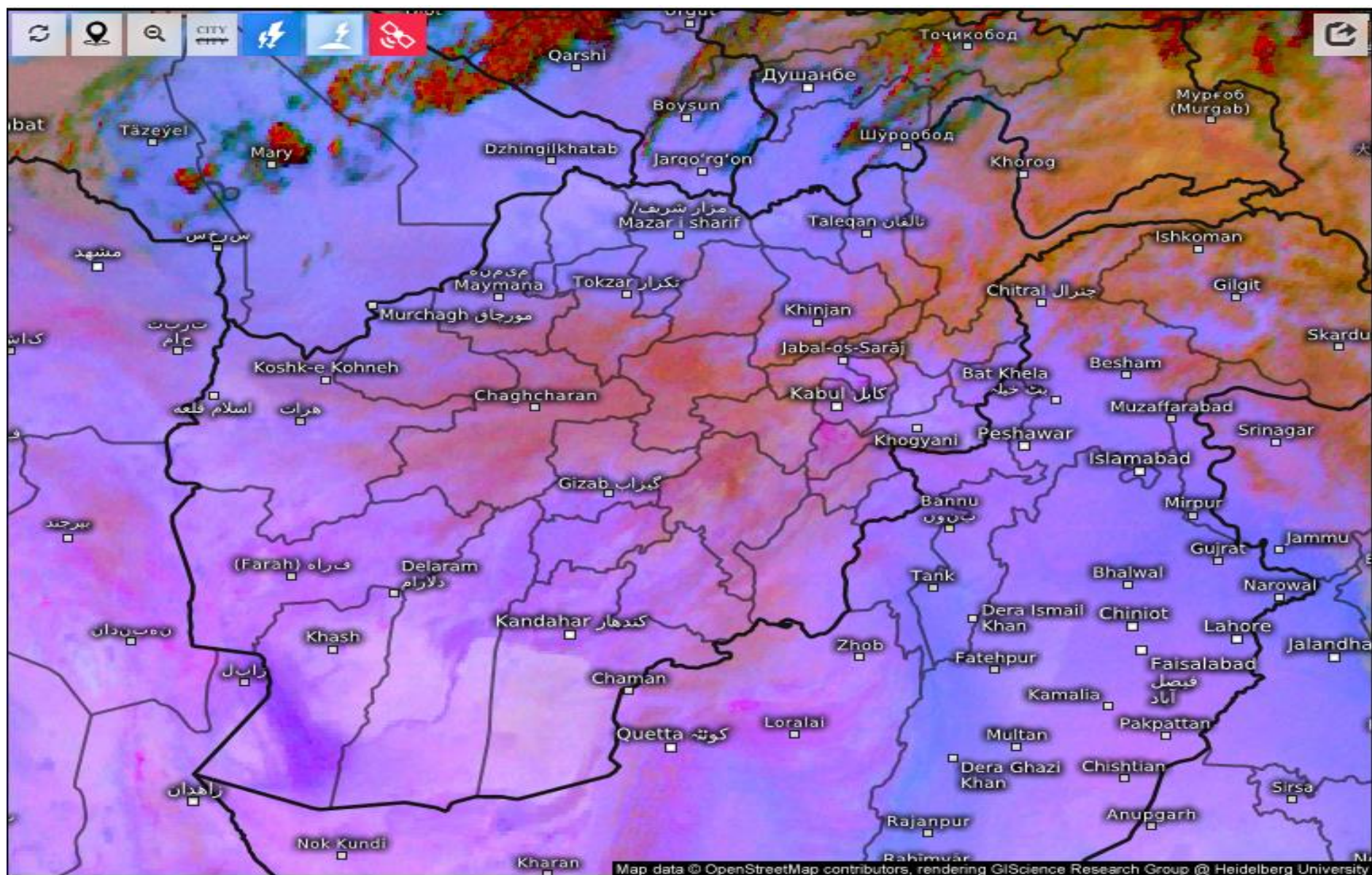
Warm Airmass (high UTH)

Warm Airmass (low UTH)

R=
G=
B=

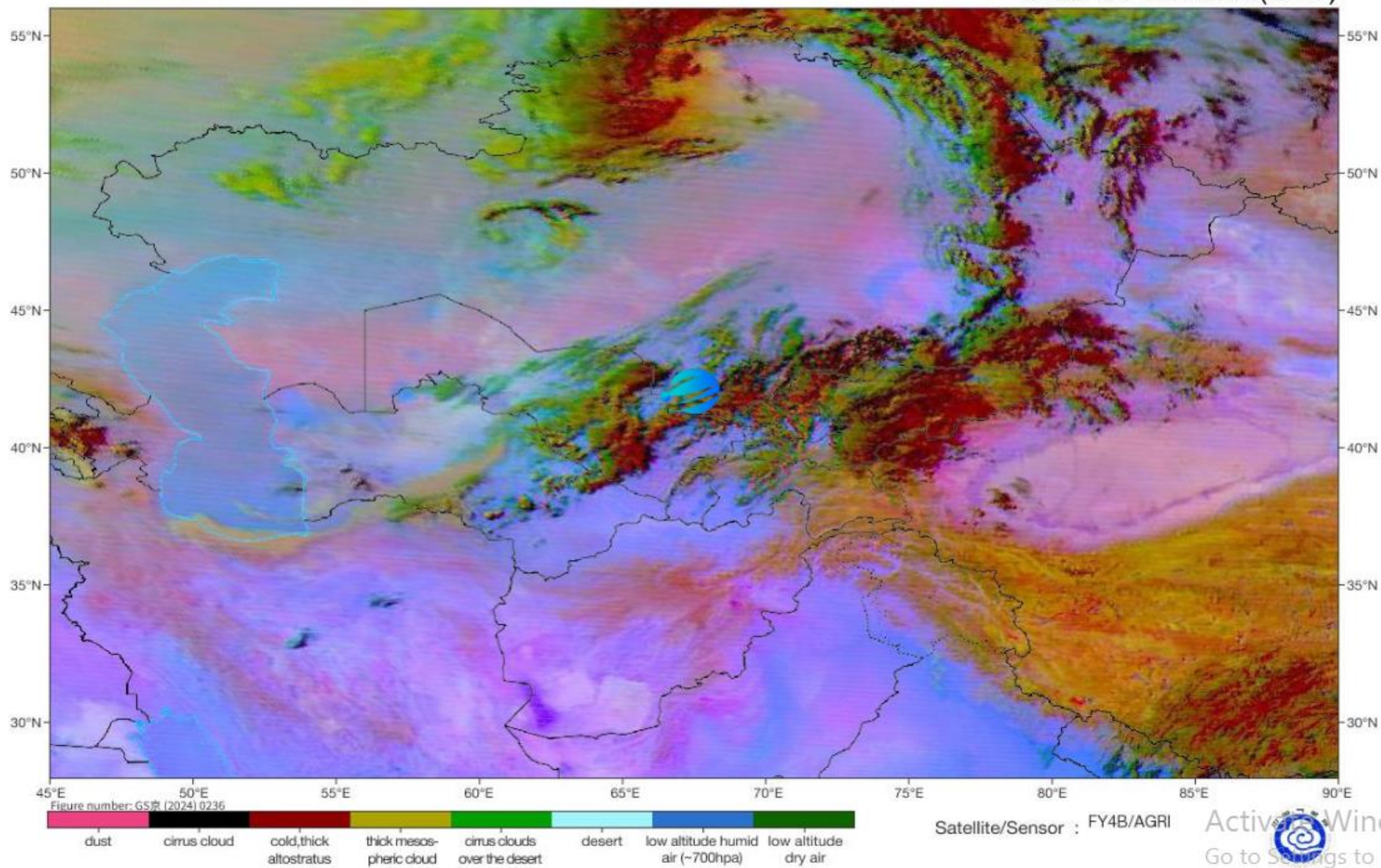
FY-4B AirMass RGB Composite (From WMO)

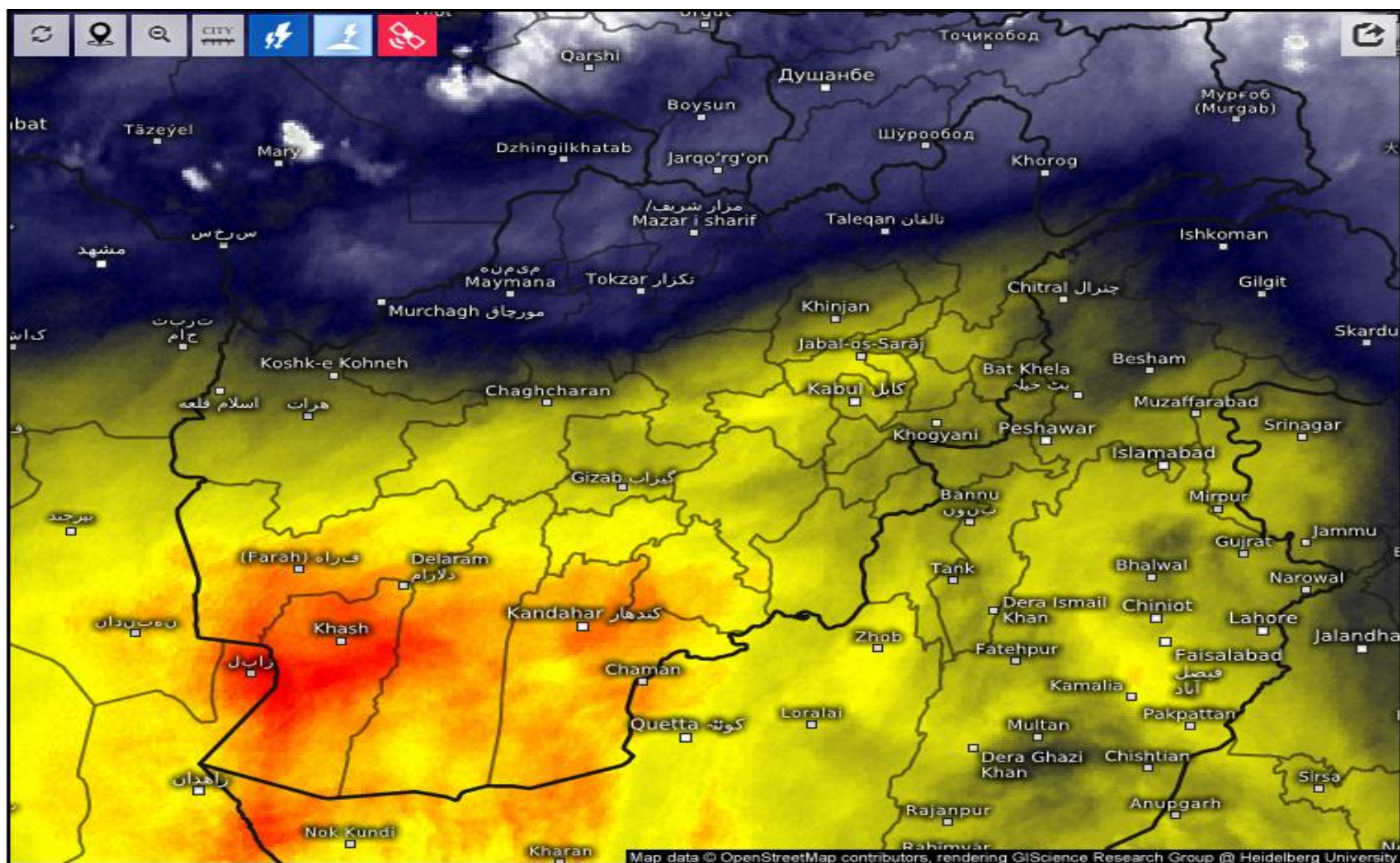




Sand And Dust Identification

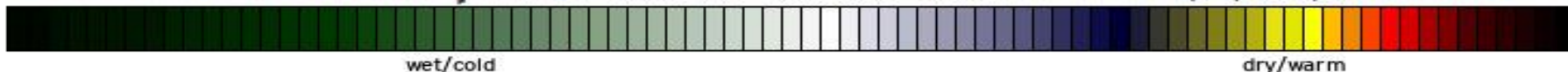
2025-05-22 23:30(UTC)





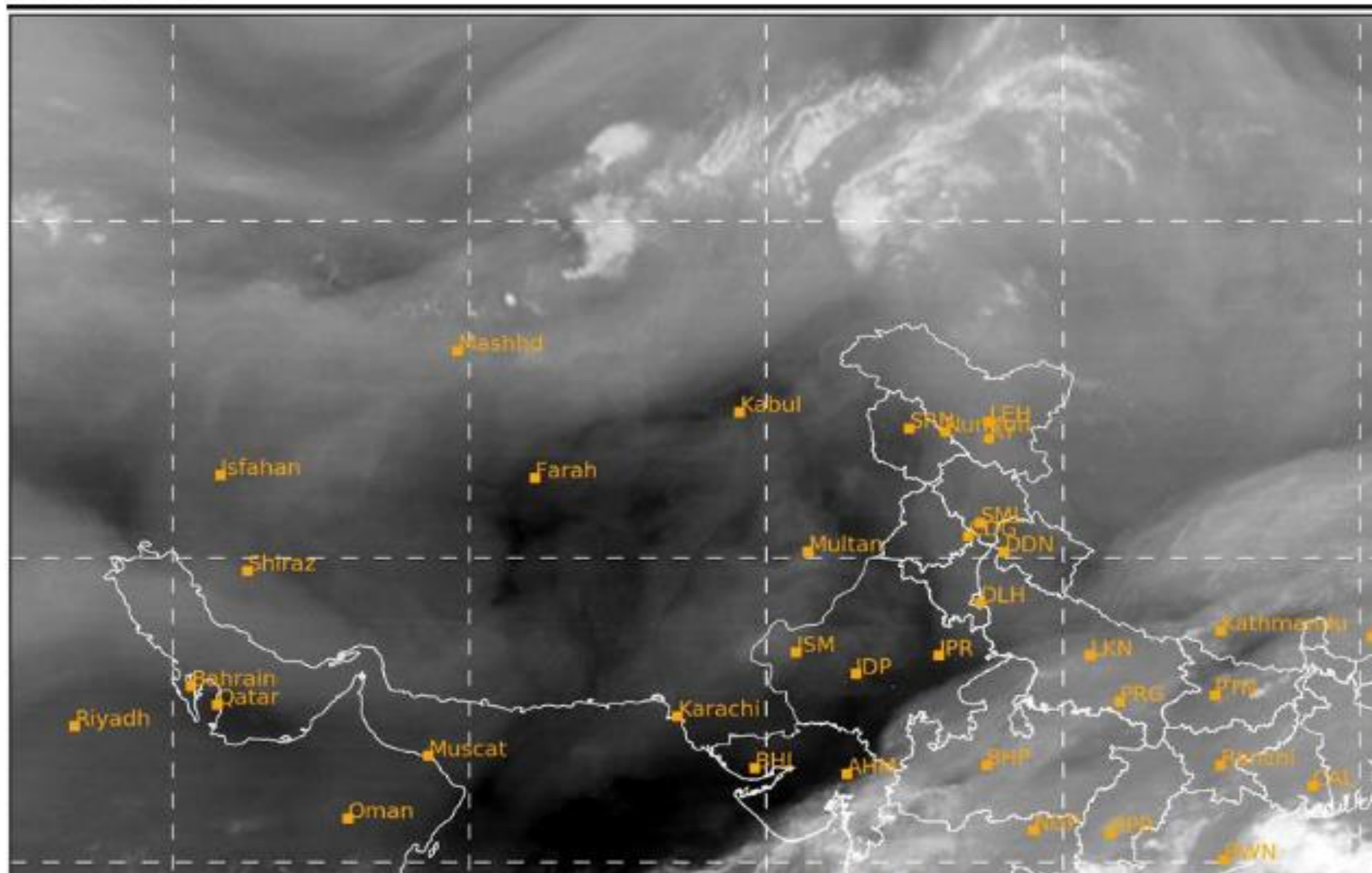
Satellite Water Vapor

Fri 05/23/2025, 04:00am GMT+0430



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

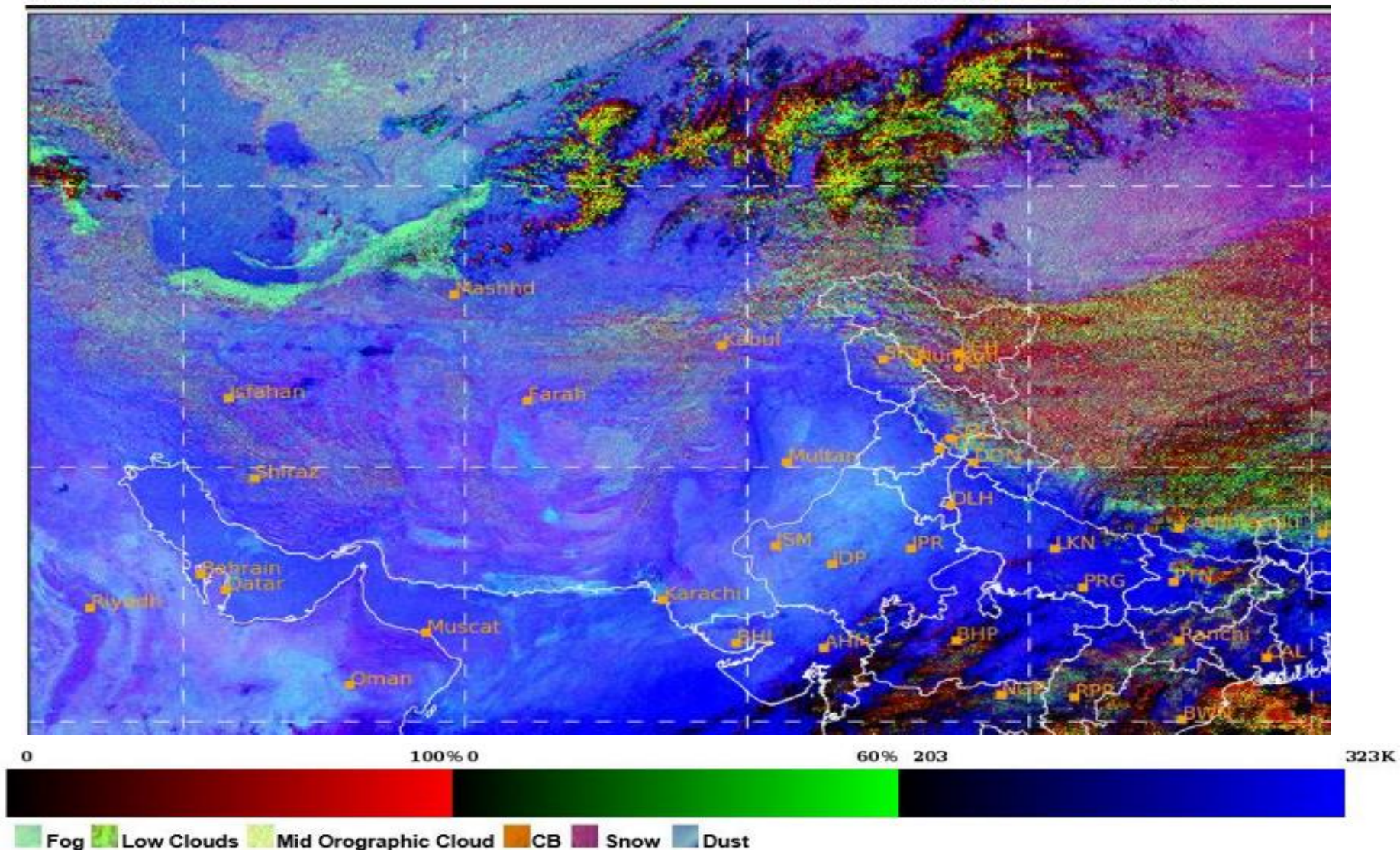
22-05-2025/(2245 to 2312) GMT
23-05-2025/(0415 to 0442) IST

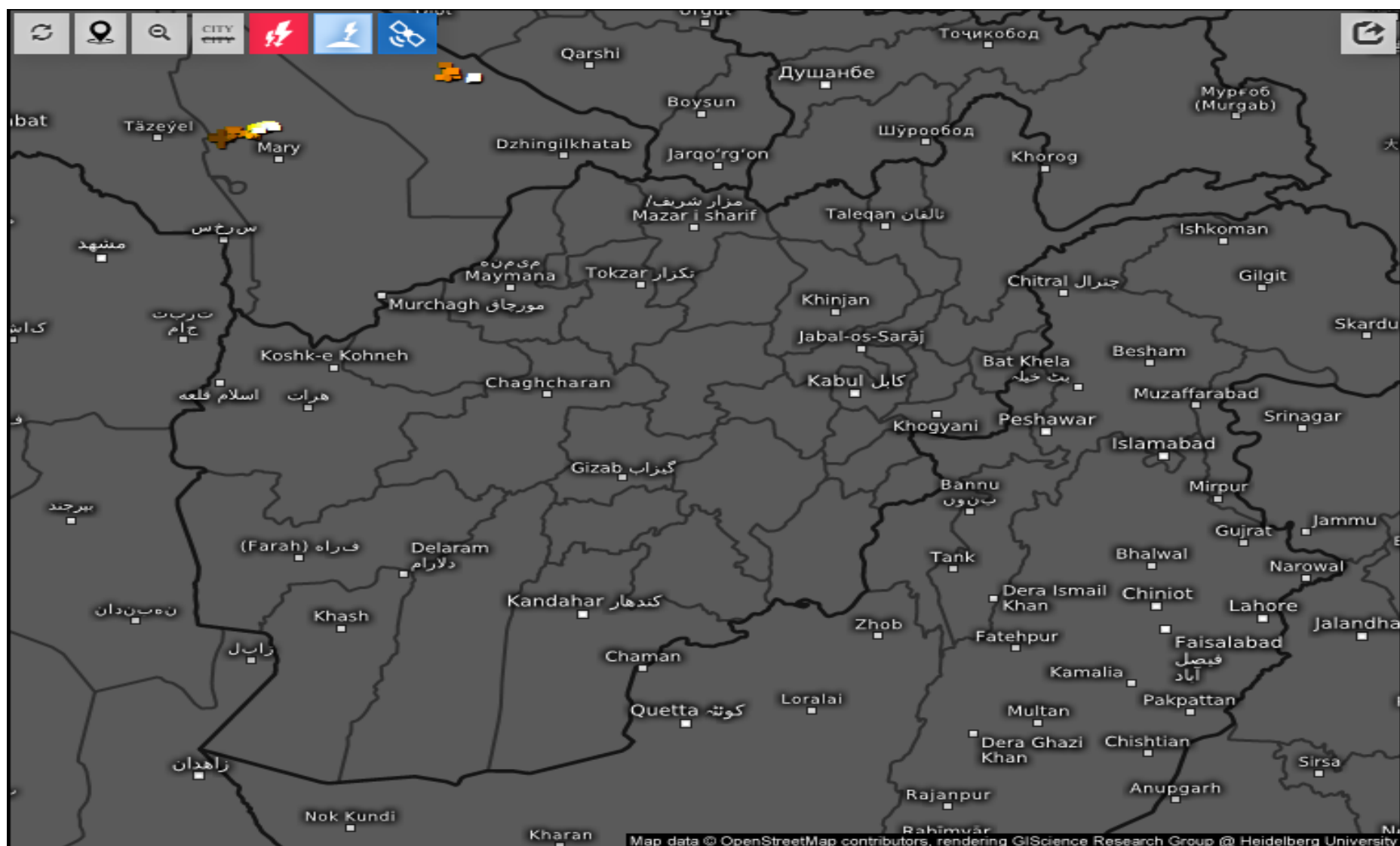


22-05-2025/(2245 to 2312) GMT

R_BT (G), TIR1_BT (B)

23-05-2025/(0415 to 0442) IST





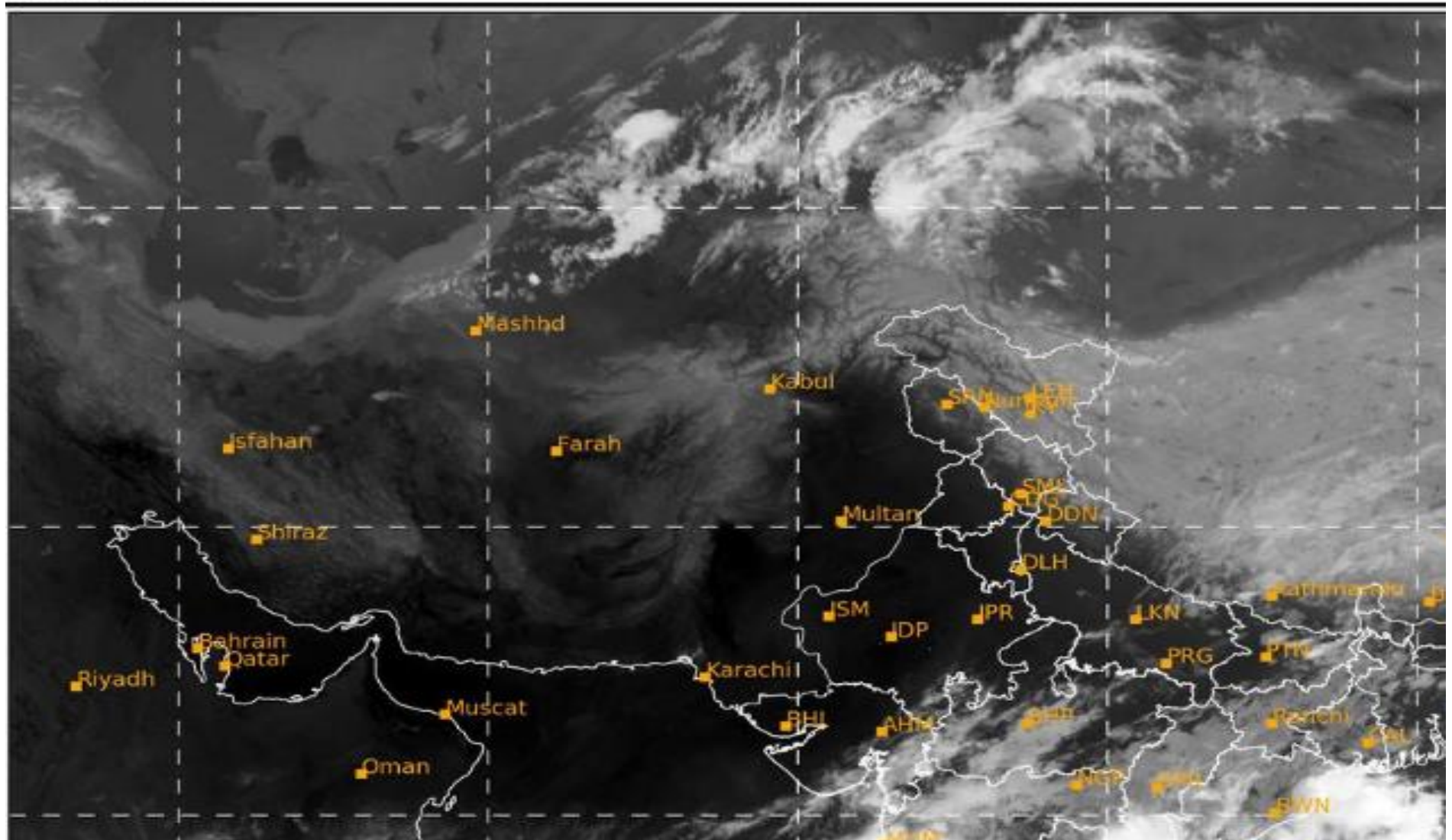
Age of lightning (minutes)

Fri 05/23/2025, 04:05am GMT+0430



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

22-05-2025/(2245 to 2312) GMT
23-05-2025/(0415 to 0442) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-05-22 23:15(UTC)

