



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



Daily reports of Satellite imagery analysis. Date & Time: 31/05/2025, 00:00 UTC, Number of reports: 1013

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

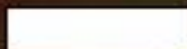
Details: According to satellite imagery analysis, the southern, western, eastern, central, northeastern, southwestern and southeastern areas have worm air mass (High UTH). The southern, western, southeastern, northwestern and southwestern areas have dust. The northern, eastern, central, northeastern,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

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-05-30 14:15

AirMass



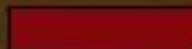
Thick,
high-level cloud



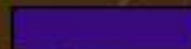
Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



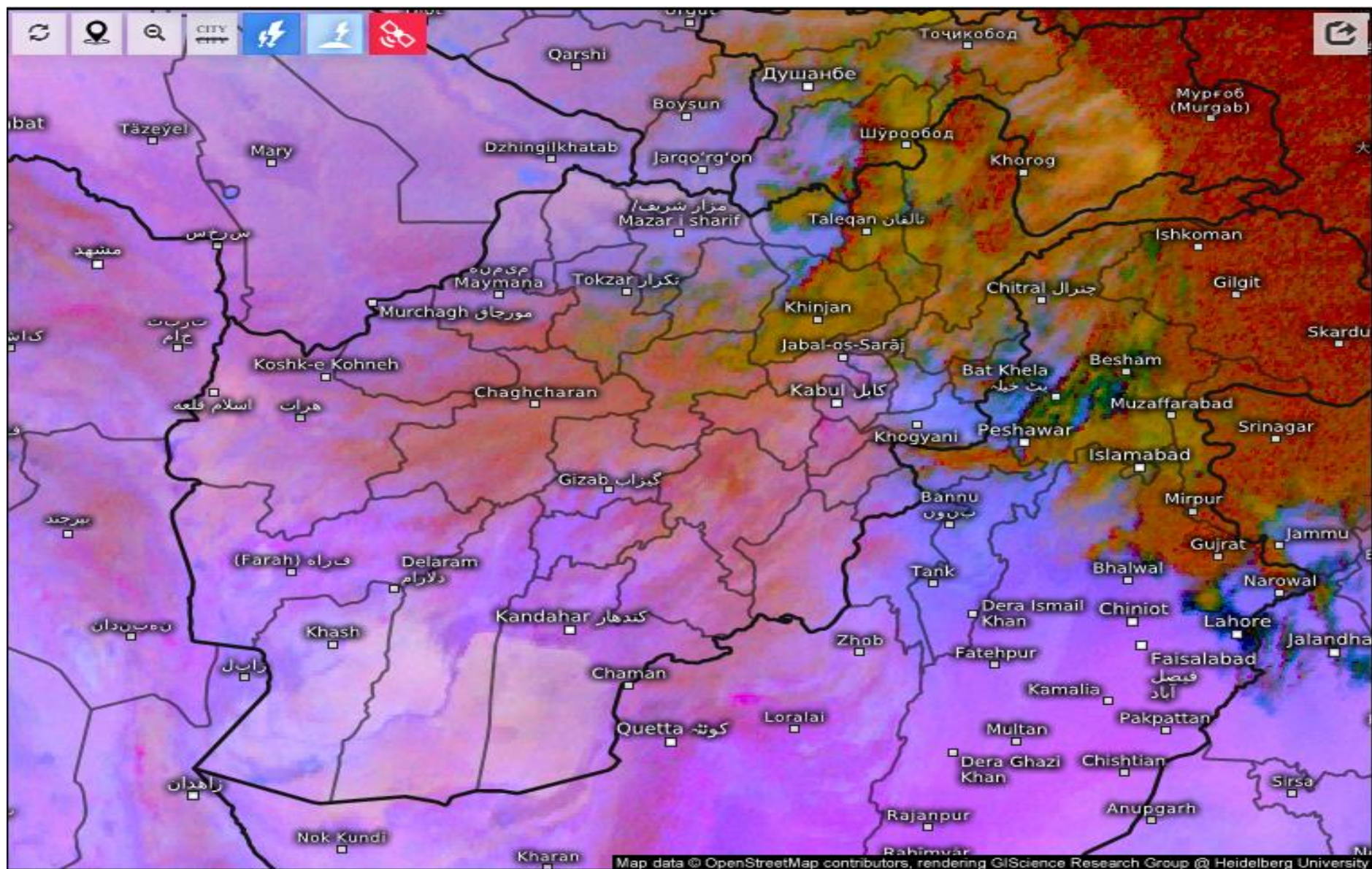
Warm Airmass
(low UTH)

R=
G=
B=

FY-4B AirMass RGB Composite (From WMO)



NSMC

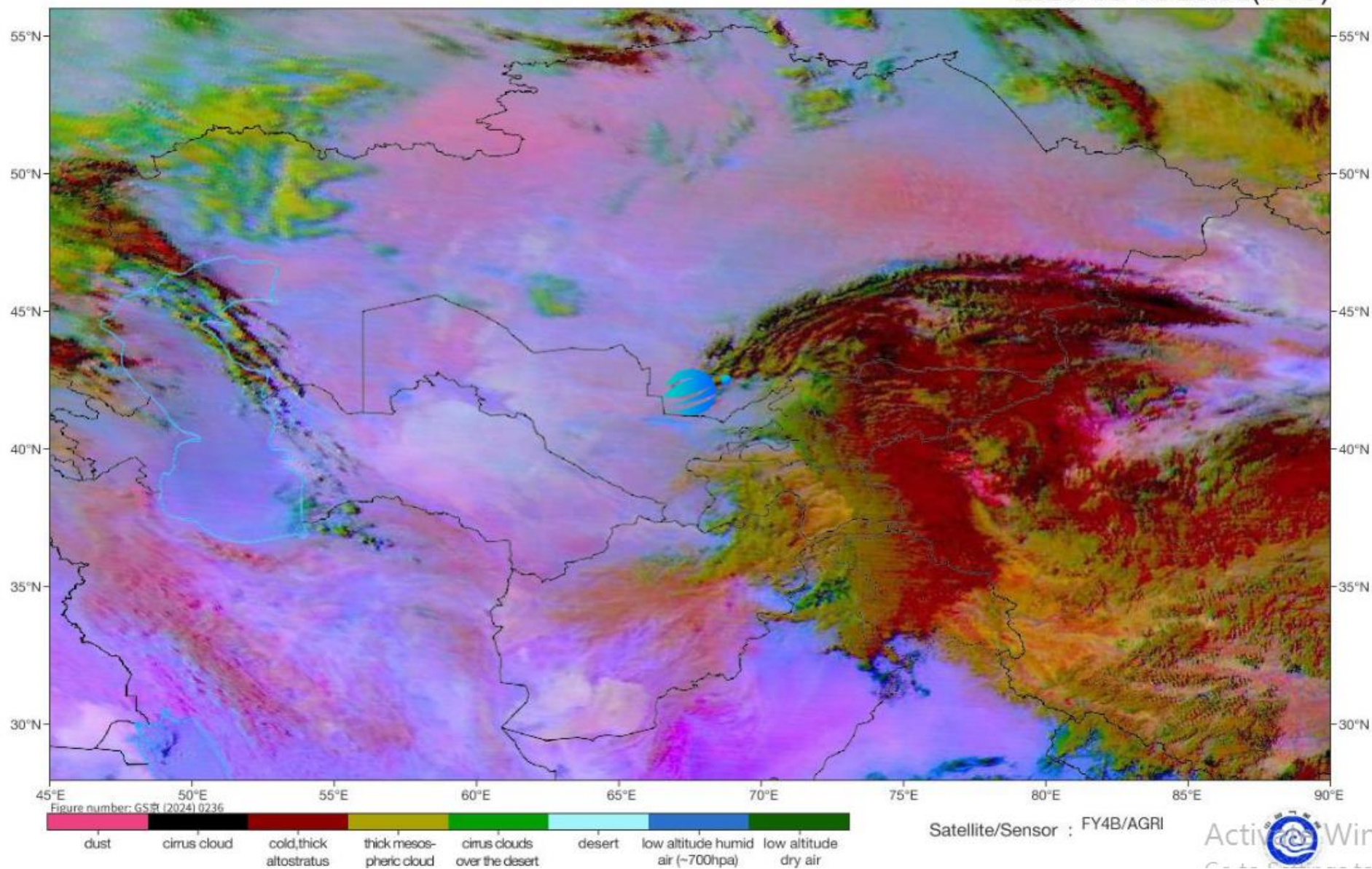


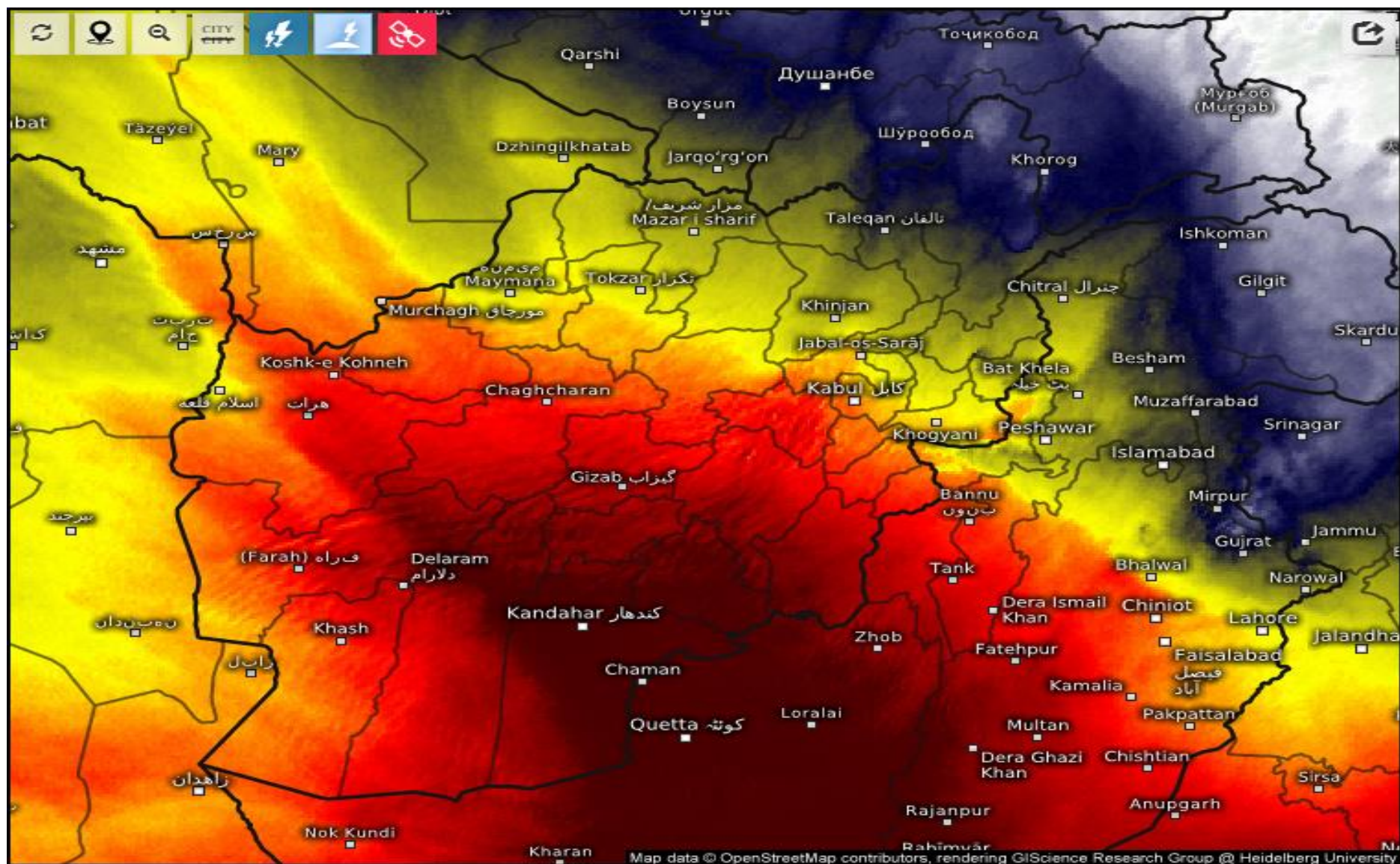
Satellite Dust 

Sat 05/31/2025, 04:00am GMT+0430

Sand And Dust Identification

2025-05-30 23:30(UTC)





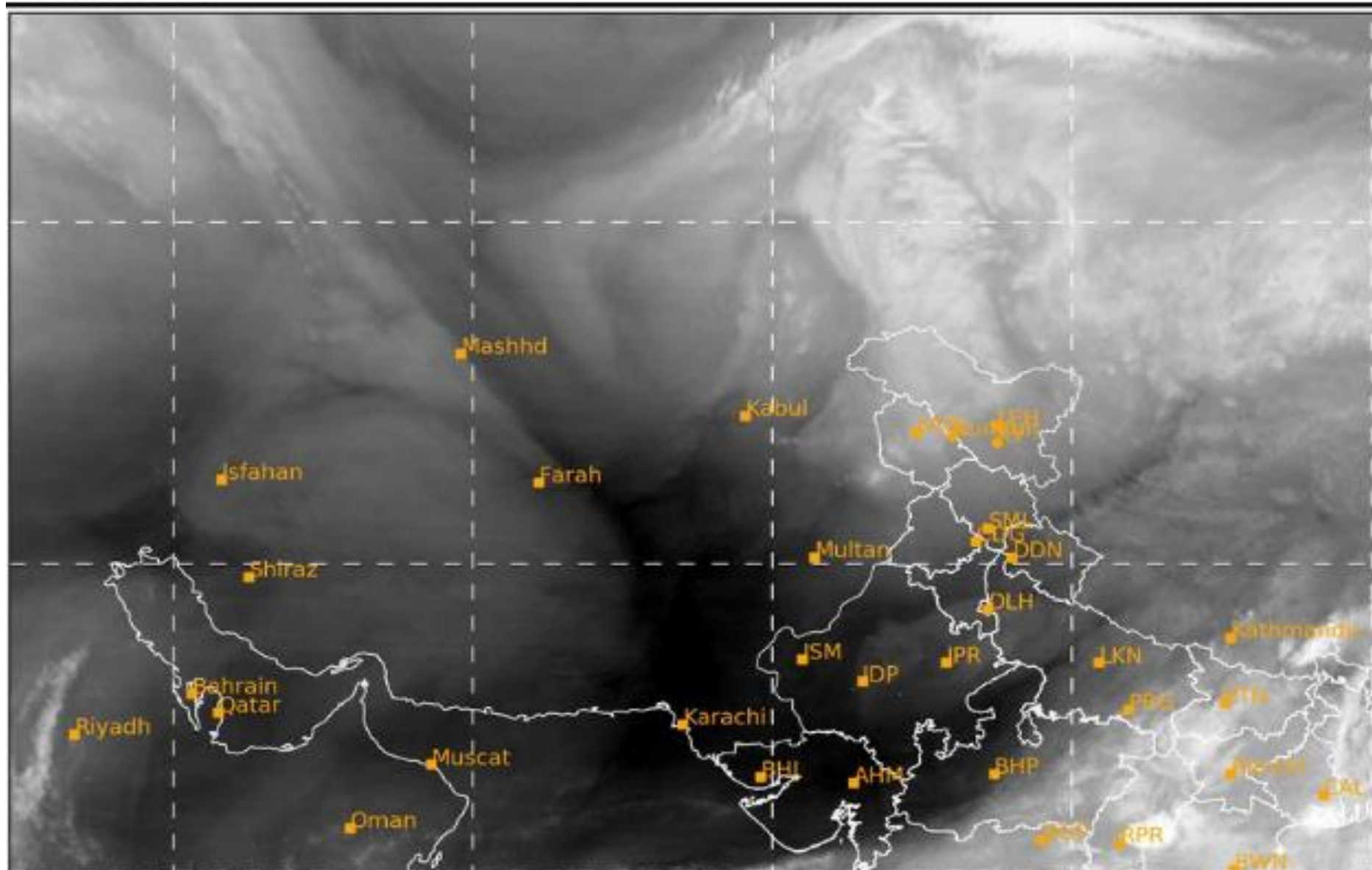
Satellite Water Vapor

Sat 05/31/2025, 04:00am GMT+0430



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

30-05-2025/(2245 to 2312) GMT
31-05-2025/(0415 to 0442) IST



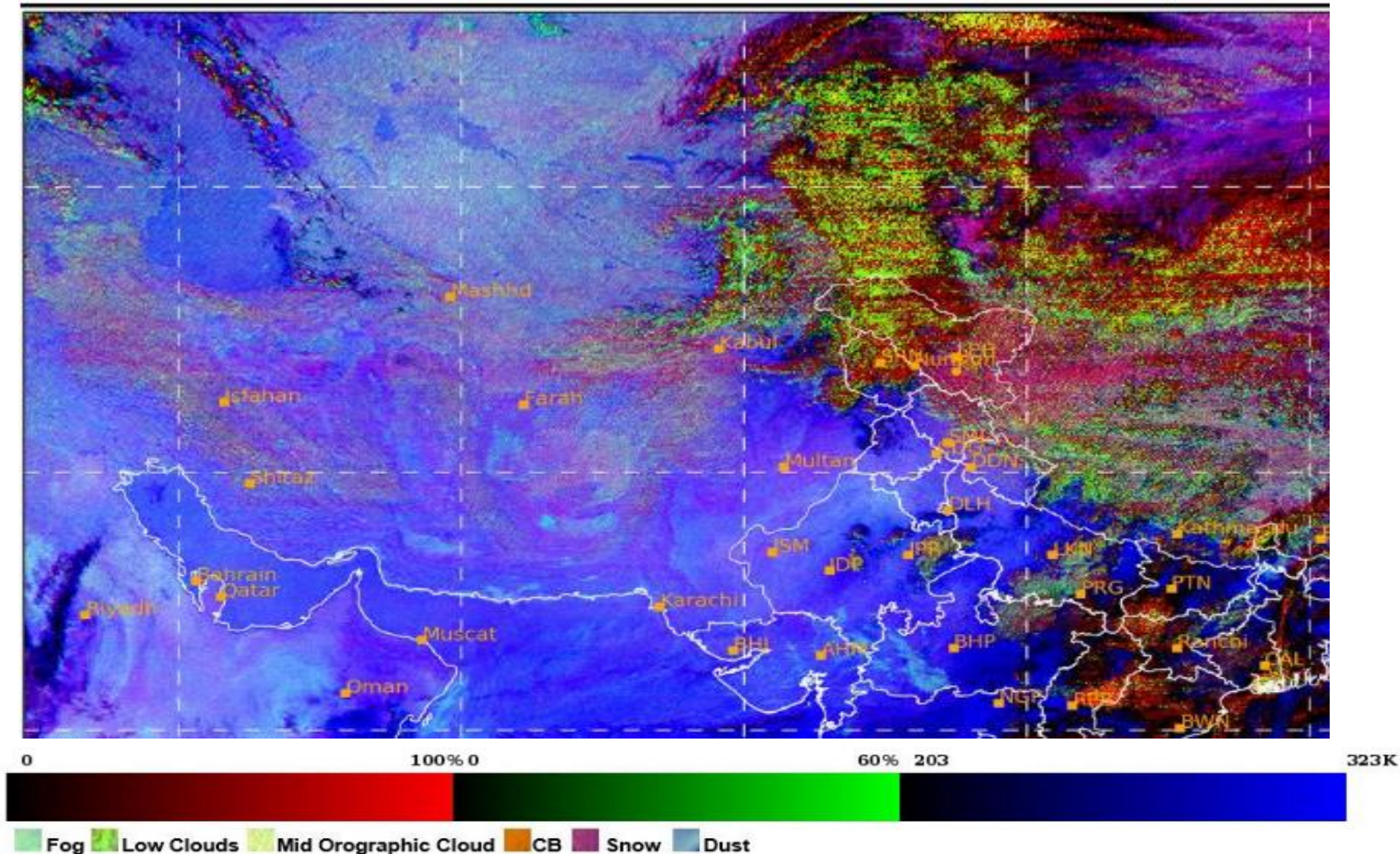
SAT : INSAT-3DR IMG

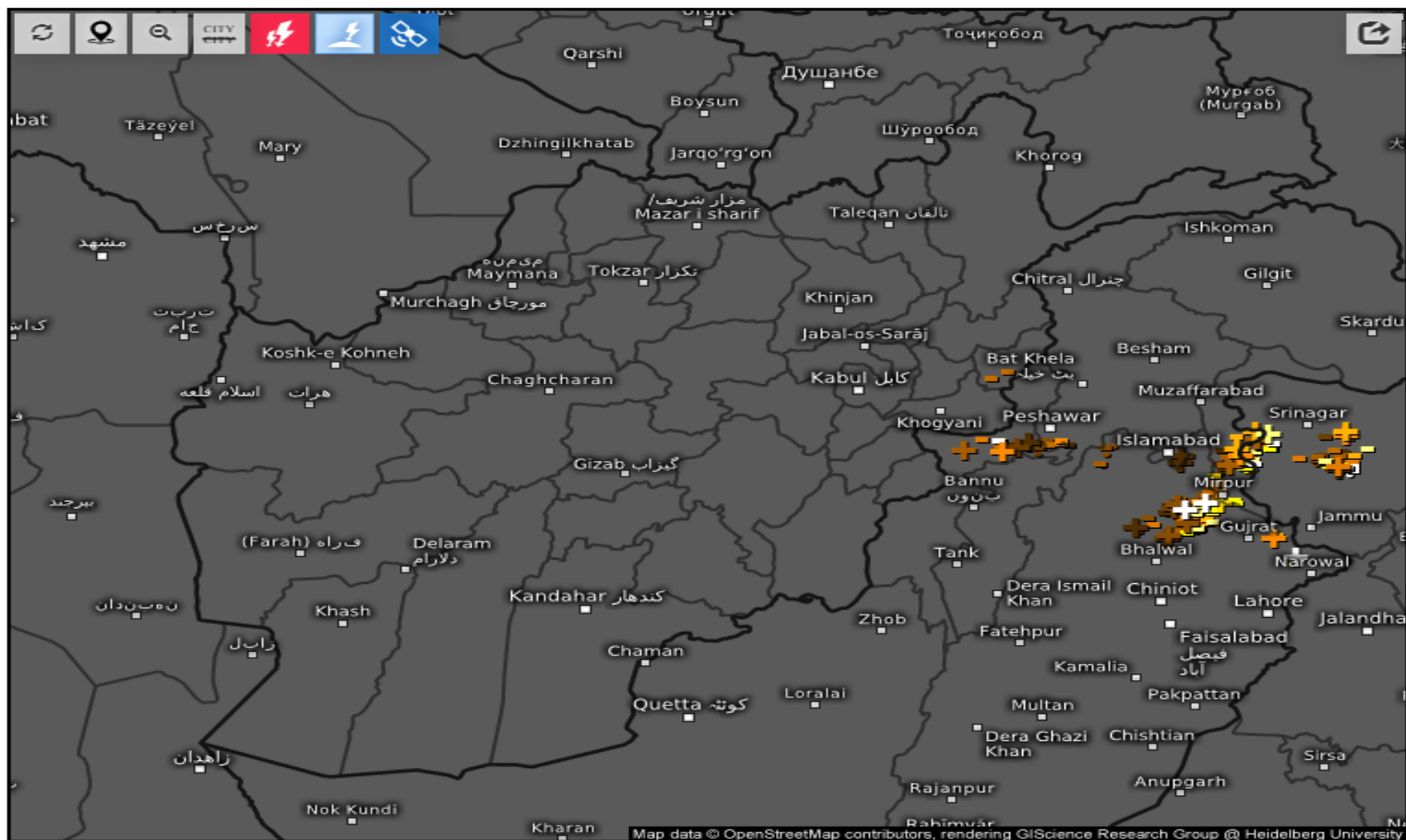
30-05-2025/(2245 to 2312) GMT

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

L1C Mercator

31-05-2025/(0415 to 0442) IST





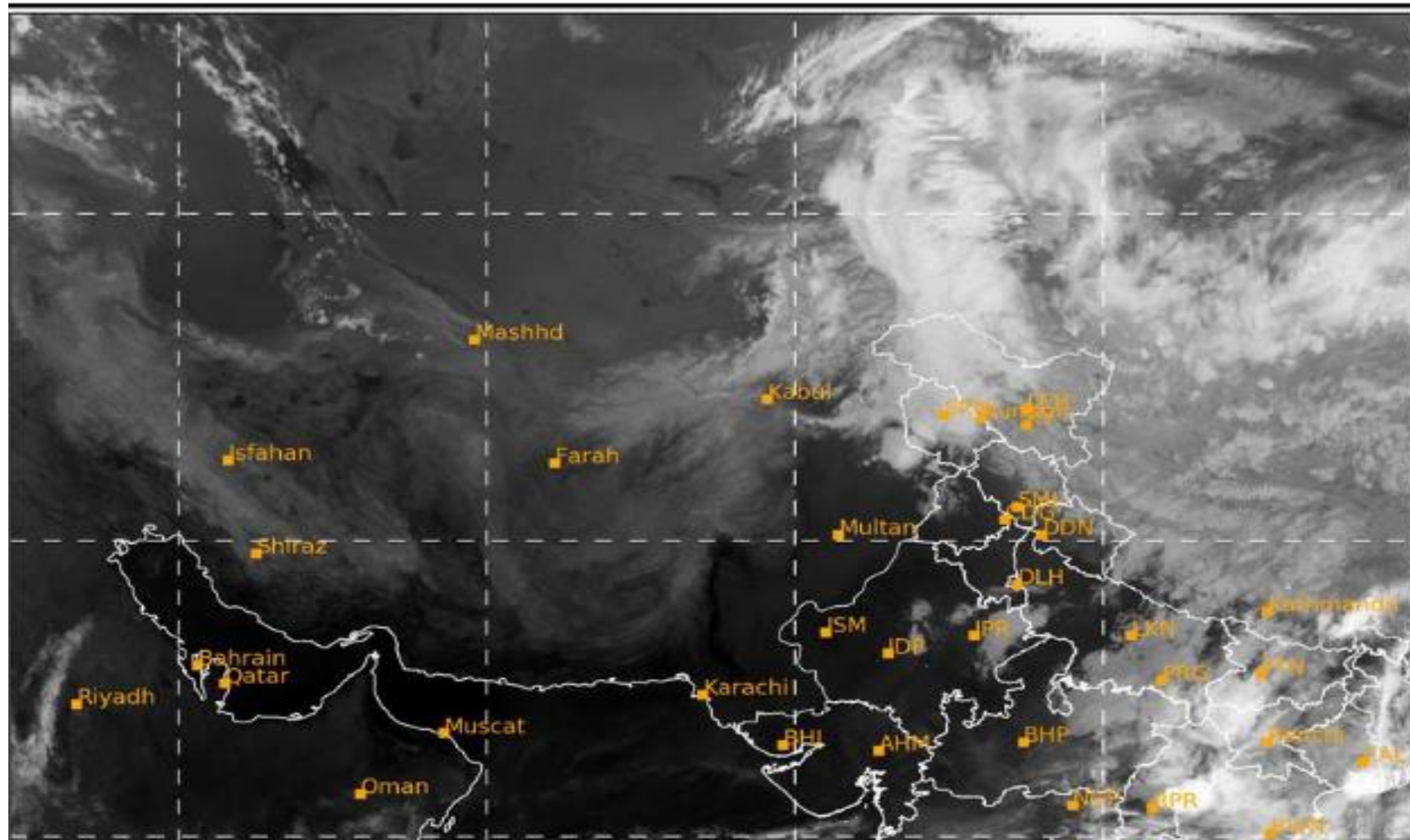
Age of lightning (minutes) 

Sat 05/31/2025, 04:05am GMT+0430

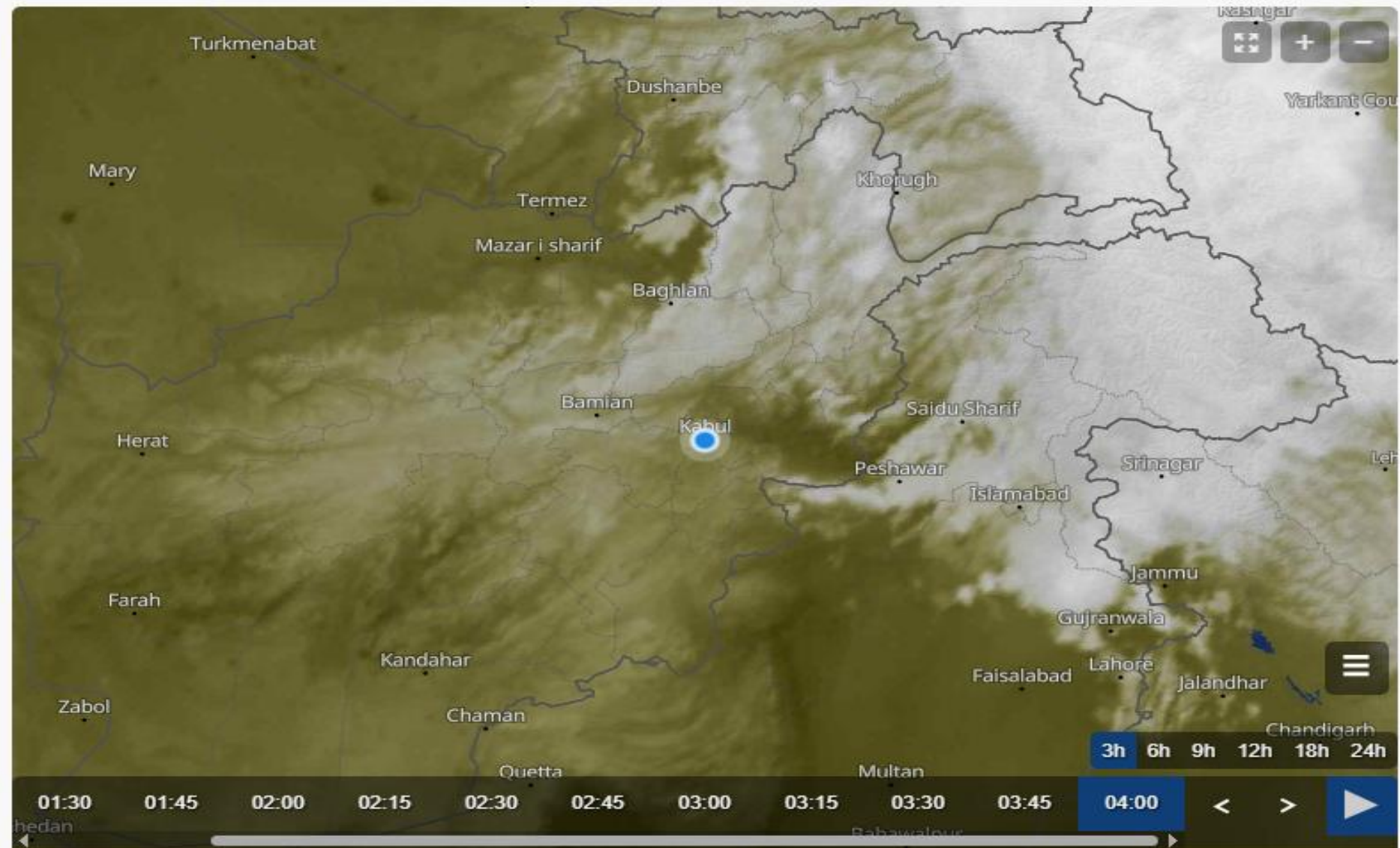


SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

30-05-2025/(2245 to 2312) GMT
31-05-2025/(0415 to 0442) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-05-30 23:30(UTC)

