



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



Daily reports of Satellite imagery analysis. Date & Time: 27/05/2025, 00:00 UTC, Number of reports: 1005

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	√ weak	X	X	
3	West	X	✓	X	✓	X	√ moderate	X	X	
4	East	✓	X	X	✓	X	√ moderate	X	X	
5	central	✓	X	X	✓	X	√ moderate	X	X	
6	Northeast	✓	X	X	✓	X	√ moderate	X	X	
7	Southeast	✓	✓	X	✓	X	√ moderate	X	X	
8	Northwest	X	✓	✓	✓	X	√ moderate	X	X	
9	Southwest	X	✓	X	✓	X	√ weak	X	X	

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

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

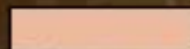
- Reported by: Esmatullah Mohammadi

UTC : 2025-05-26 14:15

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)

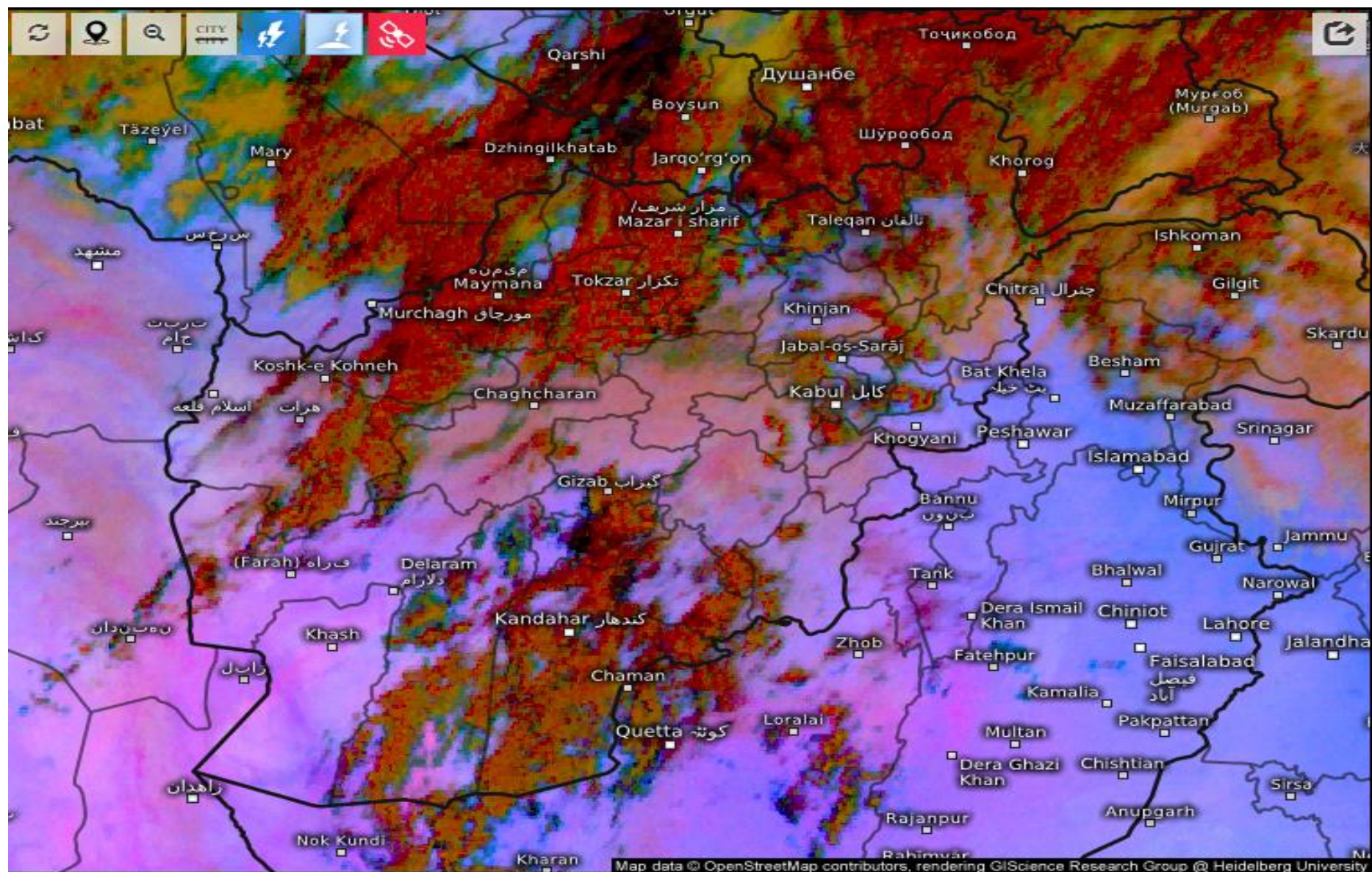


Warm Airmass
(low UTH)

R=
G=
B=

FY-4B AirMass RGB Composite (From WMO)



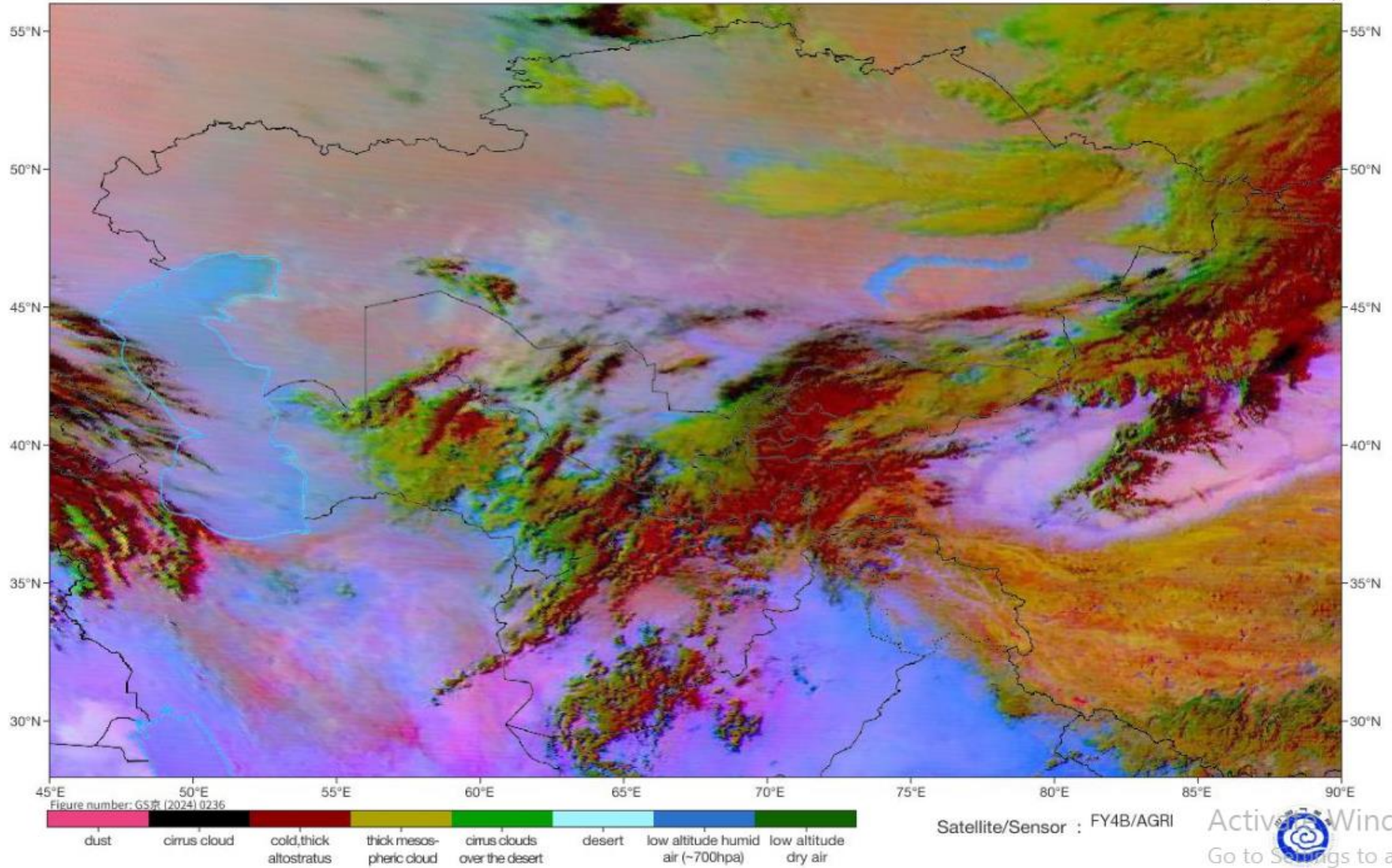


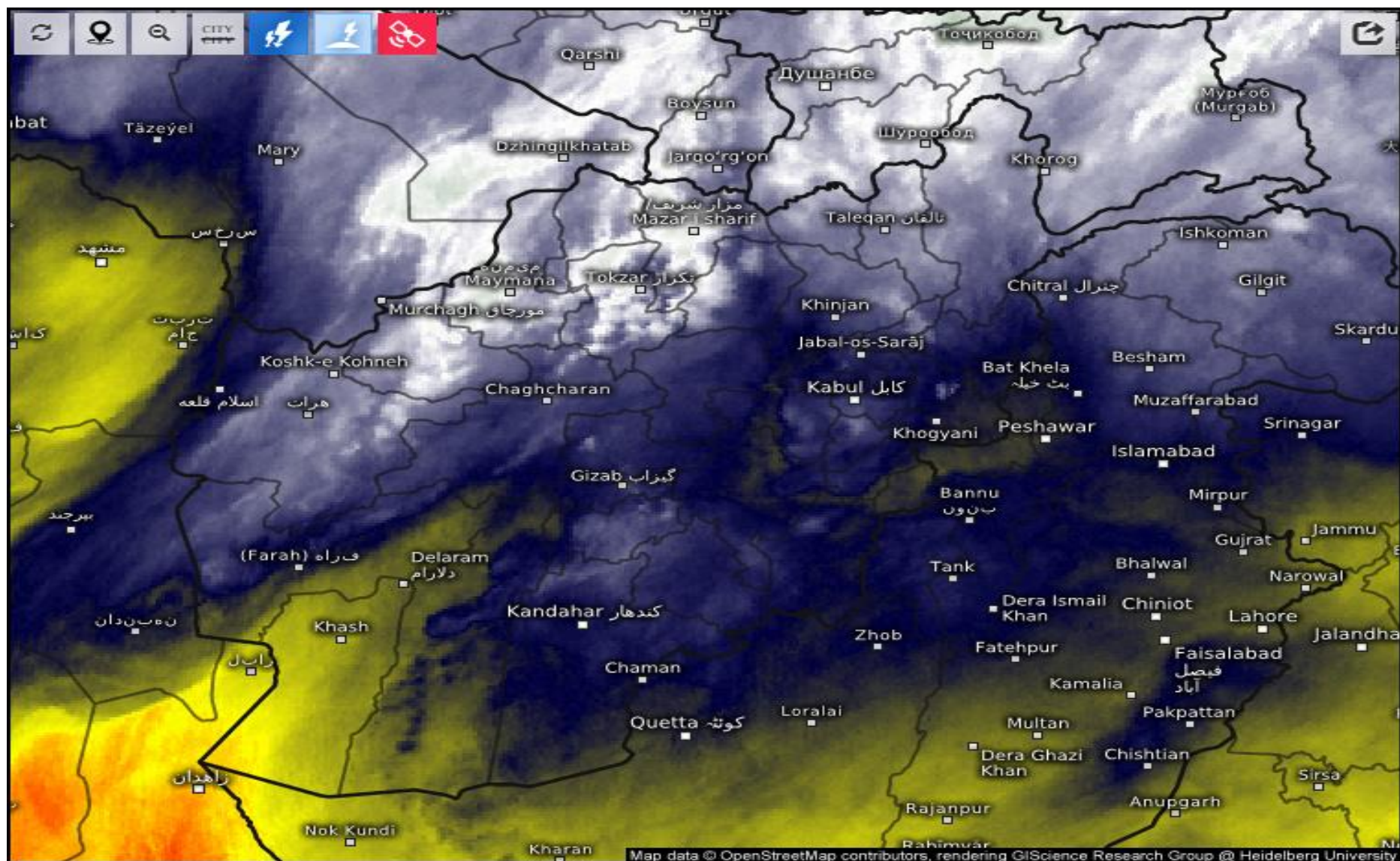
Satellite Dust 

Tue 05/27/2025, 04:00am GMT+0430

Sand And Dust Identification

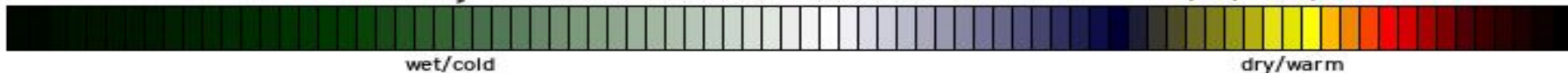
2025-05-26 23:00(UTC)





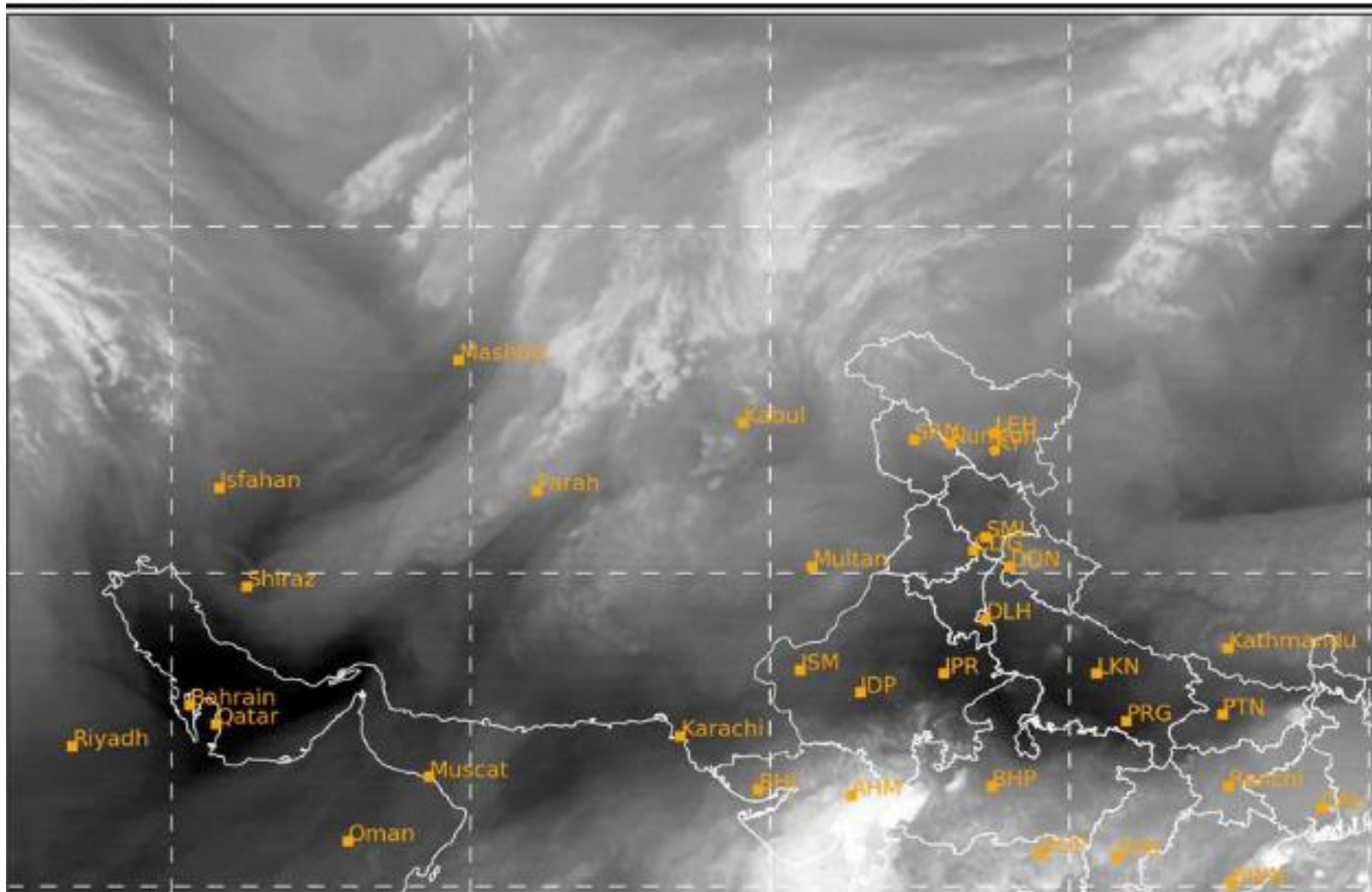
Satellite Water Vapor

Tue 05/27/2025, 04:00am GMT+0430



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

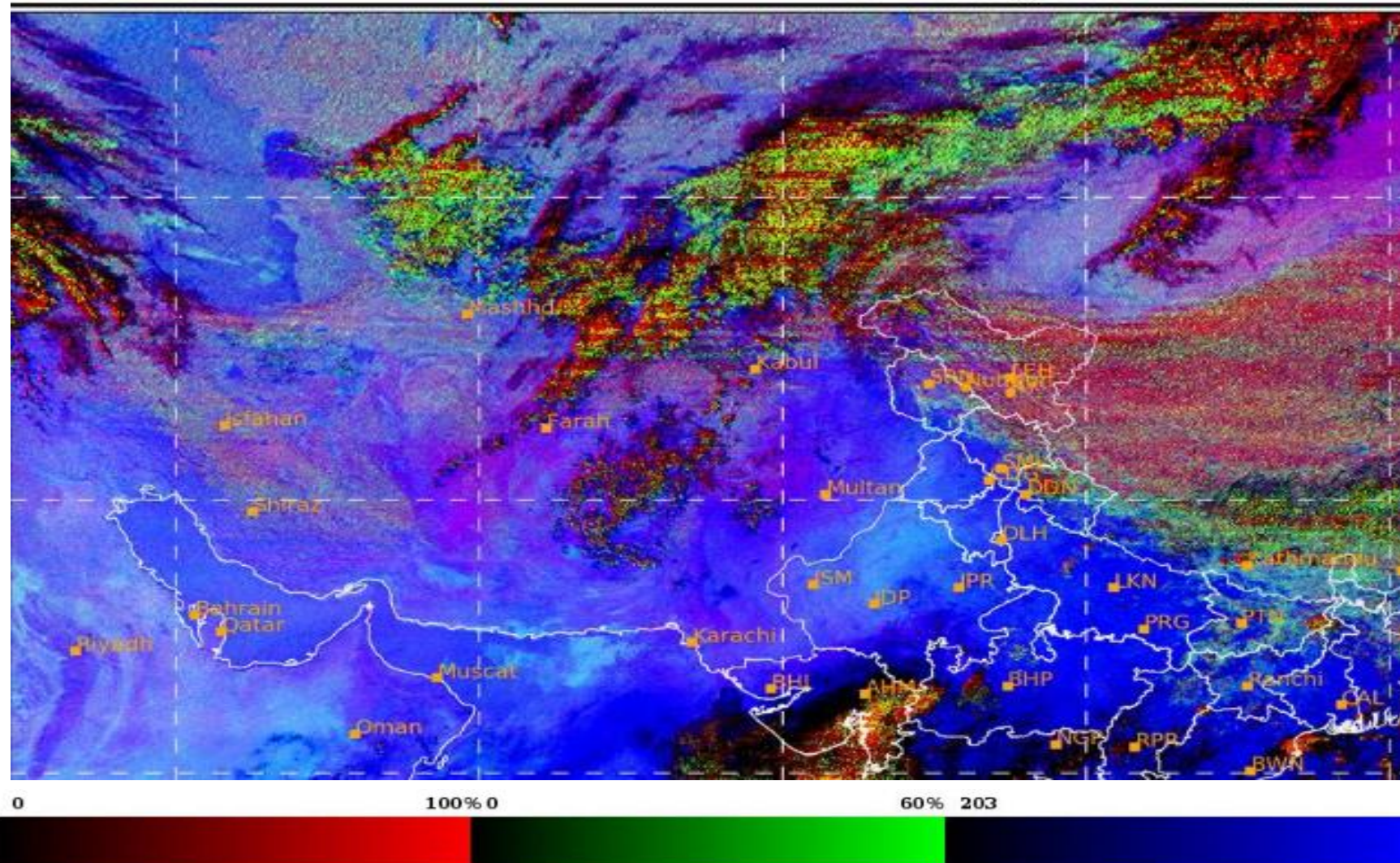
26-05-2025/(2245 to 2312) GMT
27-05-2025/(0415 to 0442) IST



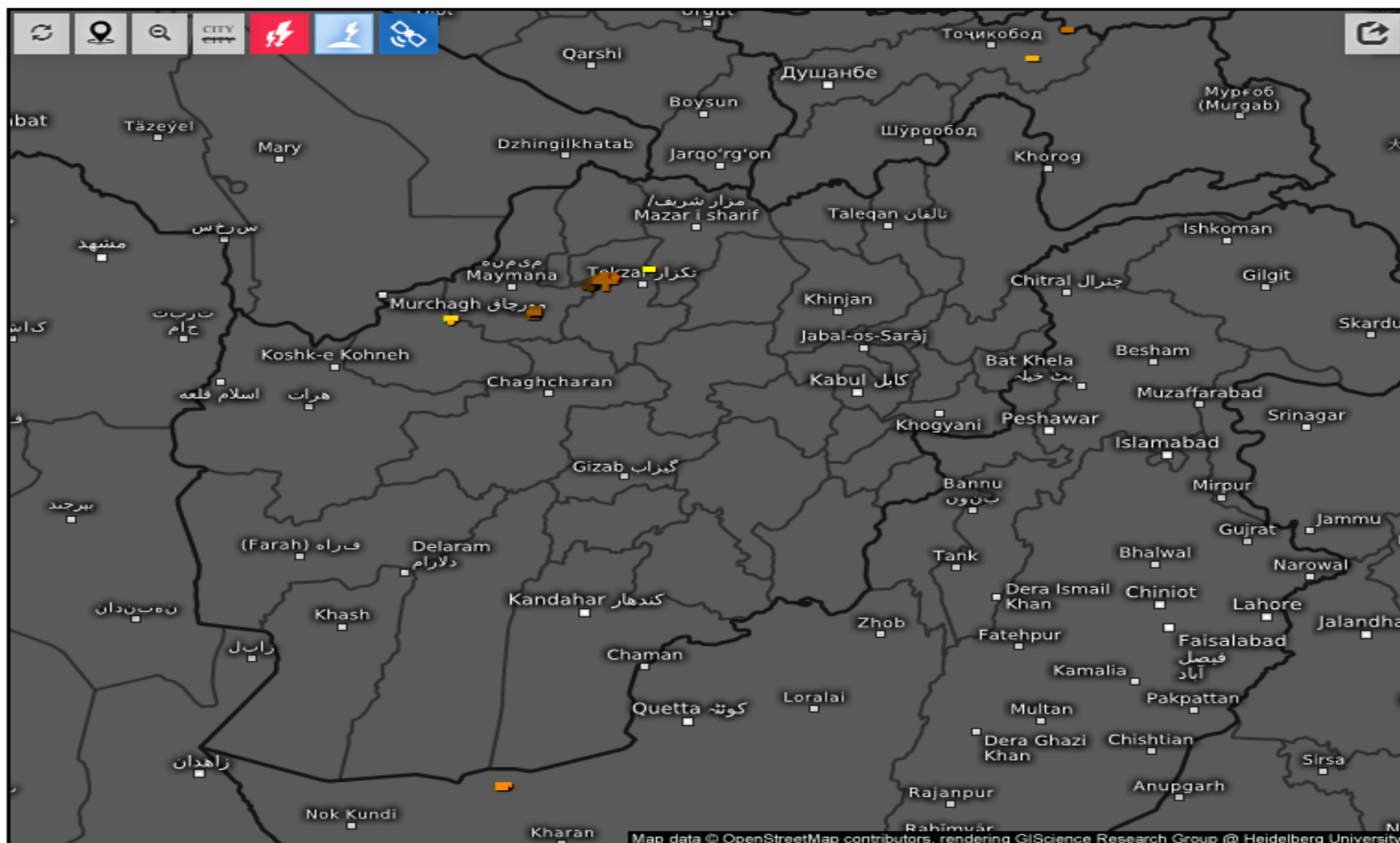
26-05-2025/(2245 to 2312) GMT

R_BT (G), TIR1_BT (B)

27-05-2025/(0415 to 0442) IST



Fog Low Clouds Mid Orographic Cloud CB Snow Dust



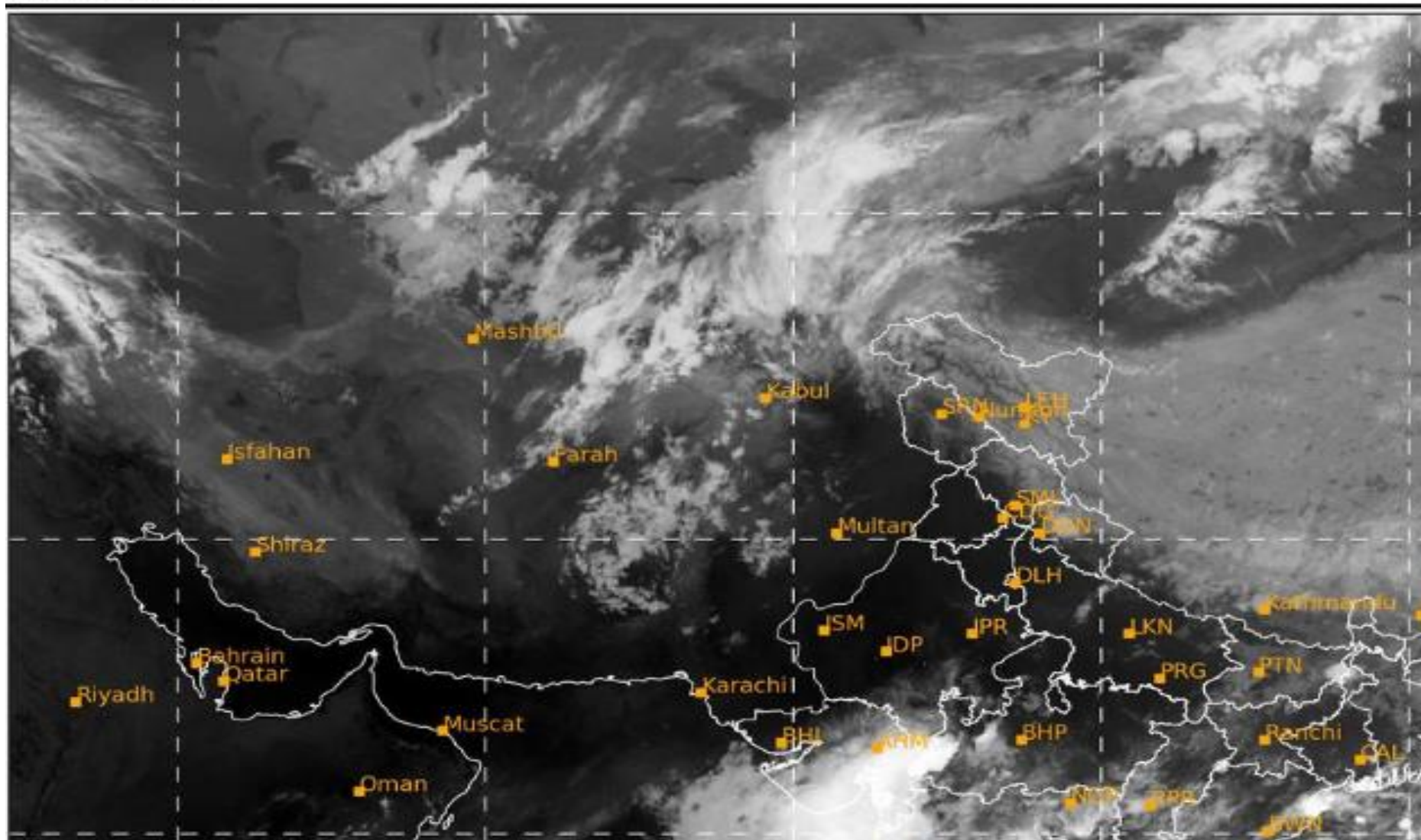
Age of lightning (minutes) 

Tue 05/27/2025, 04:05am GMT+0430

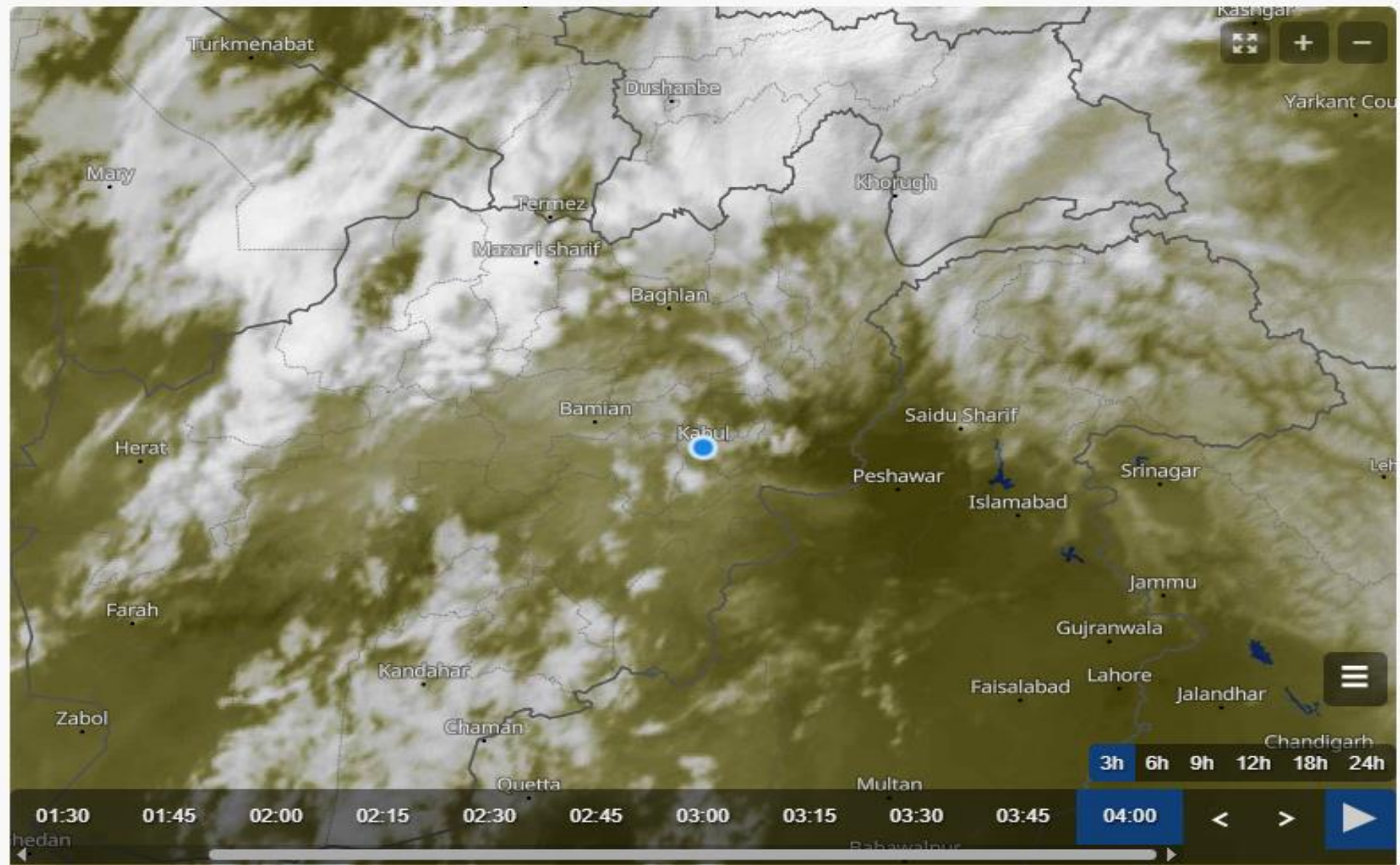


SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

26-05-2025/(2245 to 2312) GMT
27-05-2025/(0415 to 0442) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-05-26 23:15(UTC)

