



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



Daily reports of Satellite imagery analysis. Date & Time: 30/05/2025, 00:00 UTC, Number of reports: 1011

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	√ weak	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	dust storm
8	Northwest	X	✓	X	X	X	√ weak	X	X	
9	Southwest	✓	✓	X	X	X	√ dry	X	X	dust storm

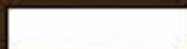
Details: According to satellite imagery analysis, the southern, western, eastern, central, northeastern, southwestern and southeastern areas have worm air mass (High UTH). The southern, western, southeastern, northwestern and southwestern areas have dust. The northern, eastern, central, northeastern,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

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

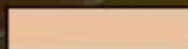
- Reported by: Esmatullah Mohammadi

UTC : 2025-05-29 14:30

AirMass



Thick,
high-level cloud



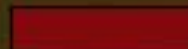
Thick,

mid-level cloud



Thick,

low-level cloud



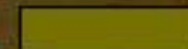
Jet



Cold Airmass



Warm Airmass
(high UTH)

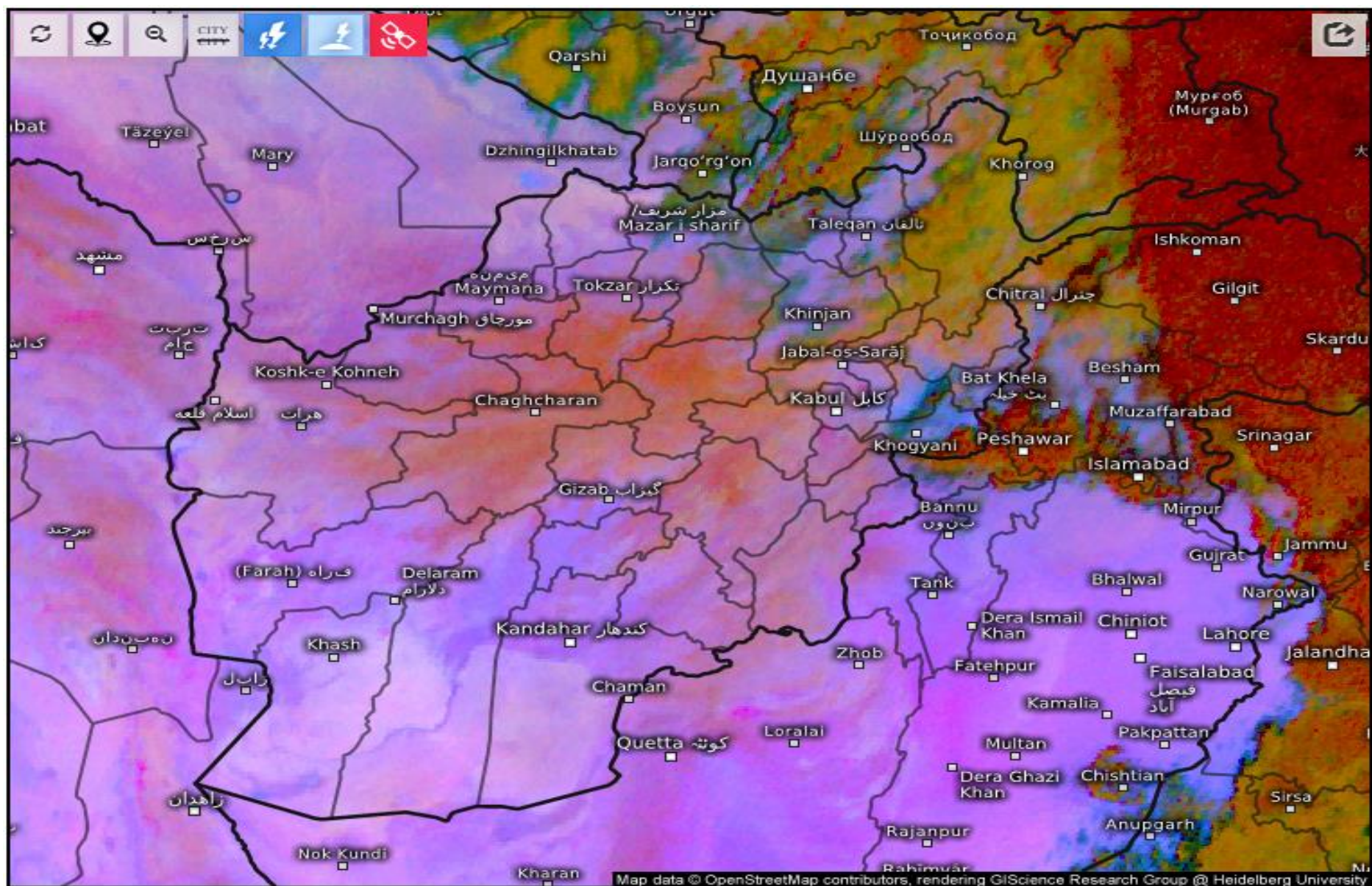


Warm Airmass
(low UTH)

R=
G=
B=

FY-4B AirMass RGB Composite (From WMO)



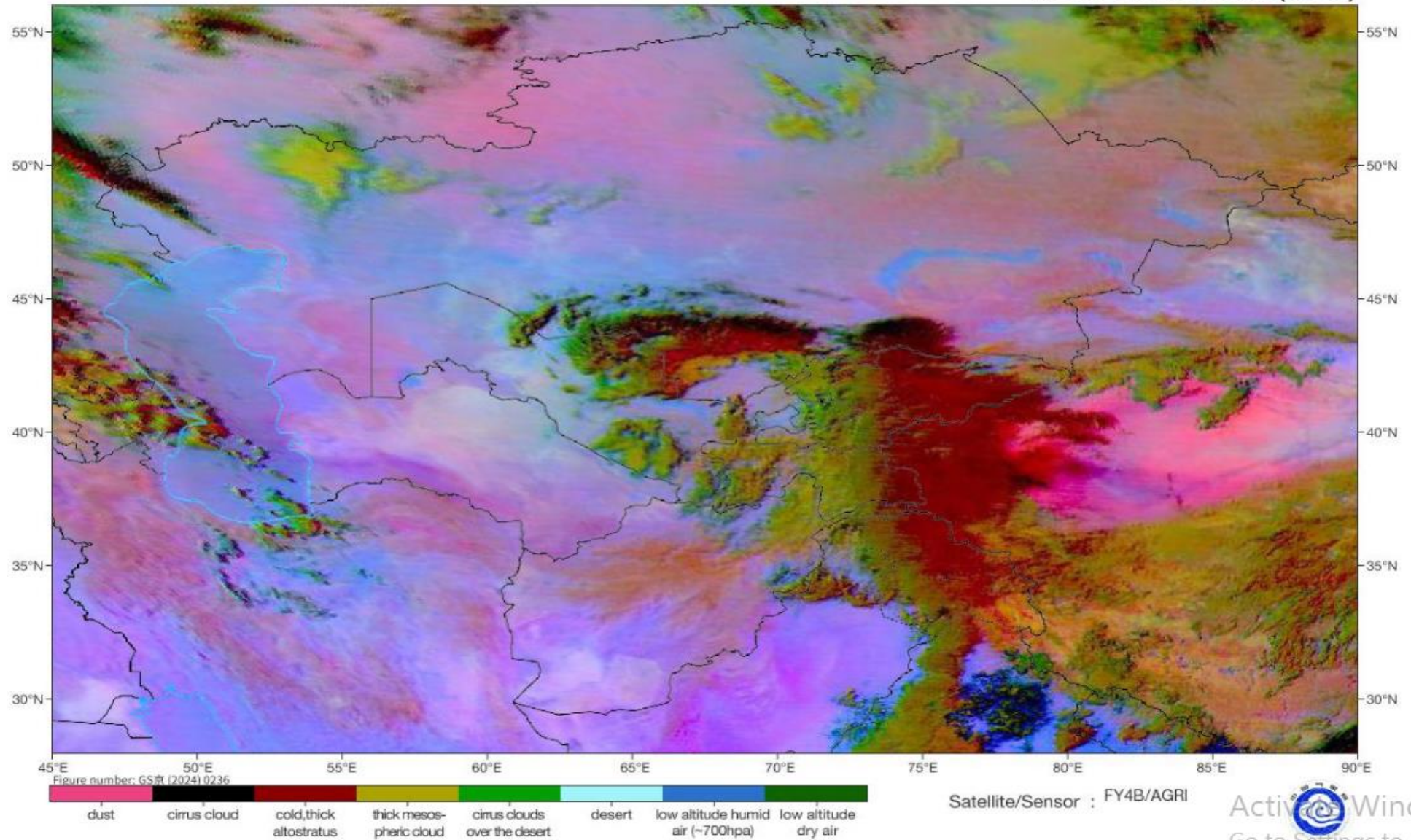


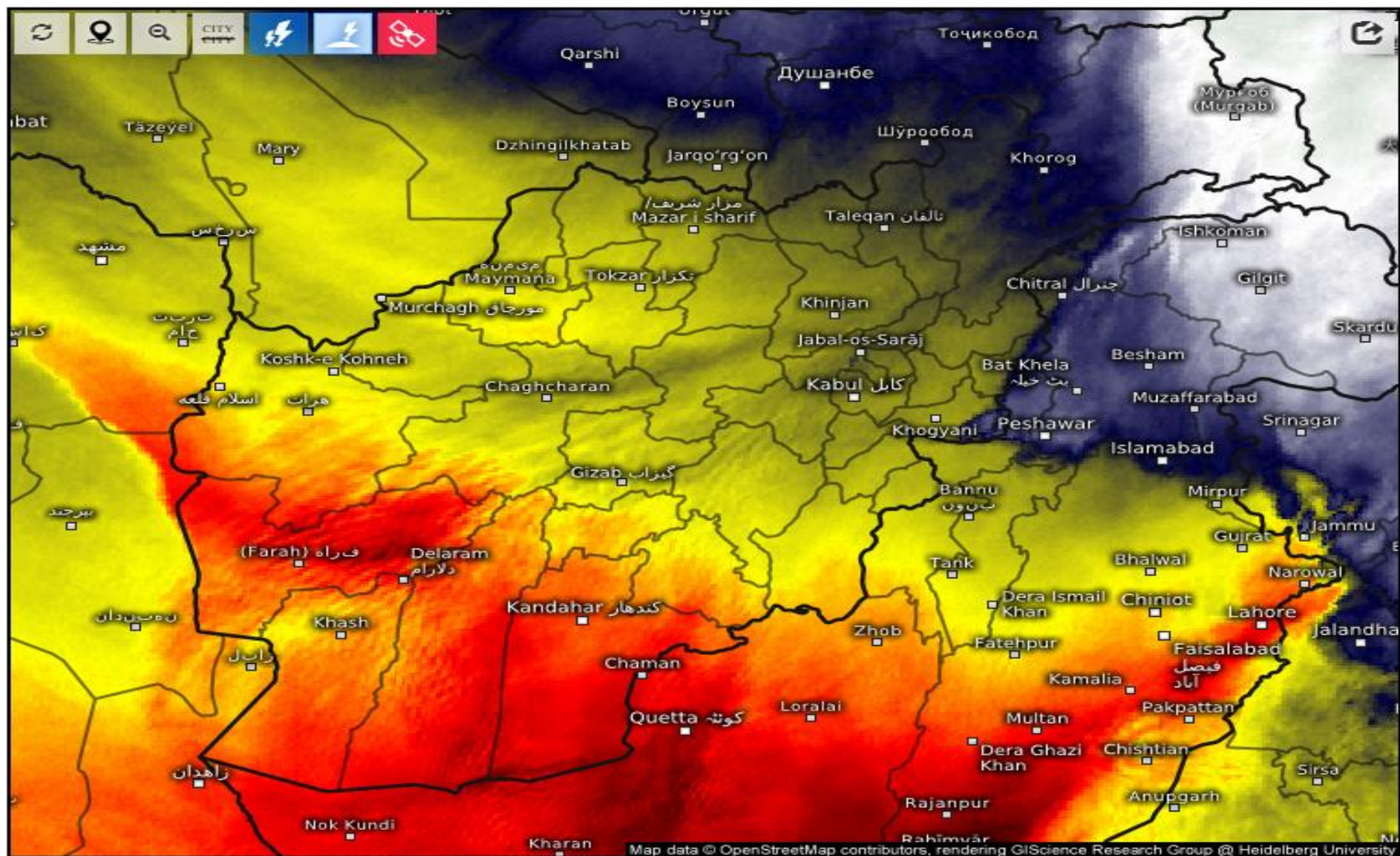
Satellite Dust 

Fri 05/30/2025, 04:00am GMT+0430

Sand And Dust Identification

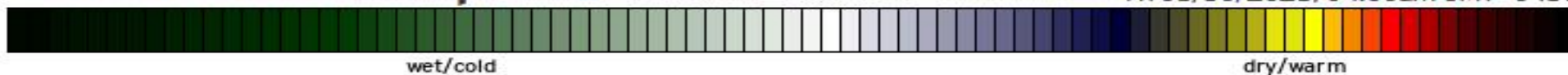
2025-05-29 23:30(UTC)





Satellite Water Vapor

Fri 05/30/2025, 04:00am GMT+0430



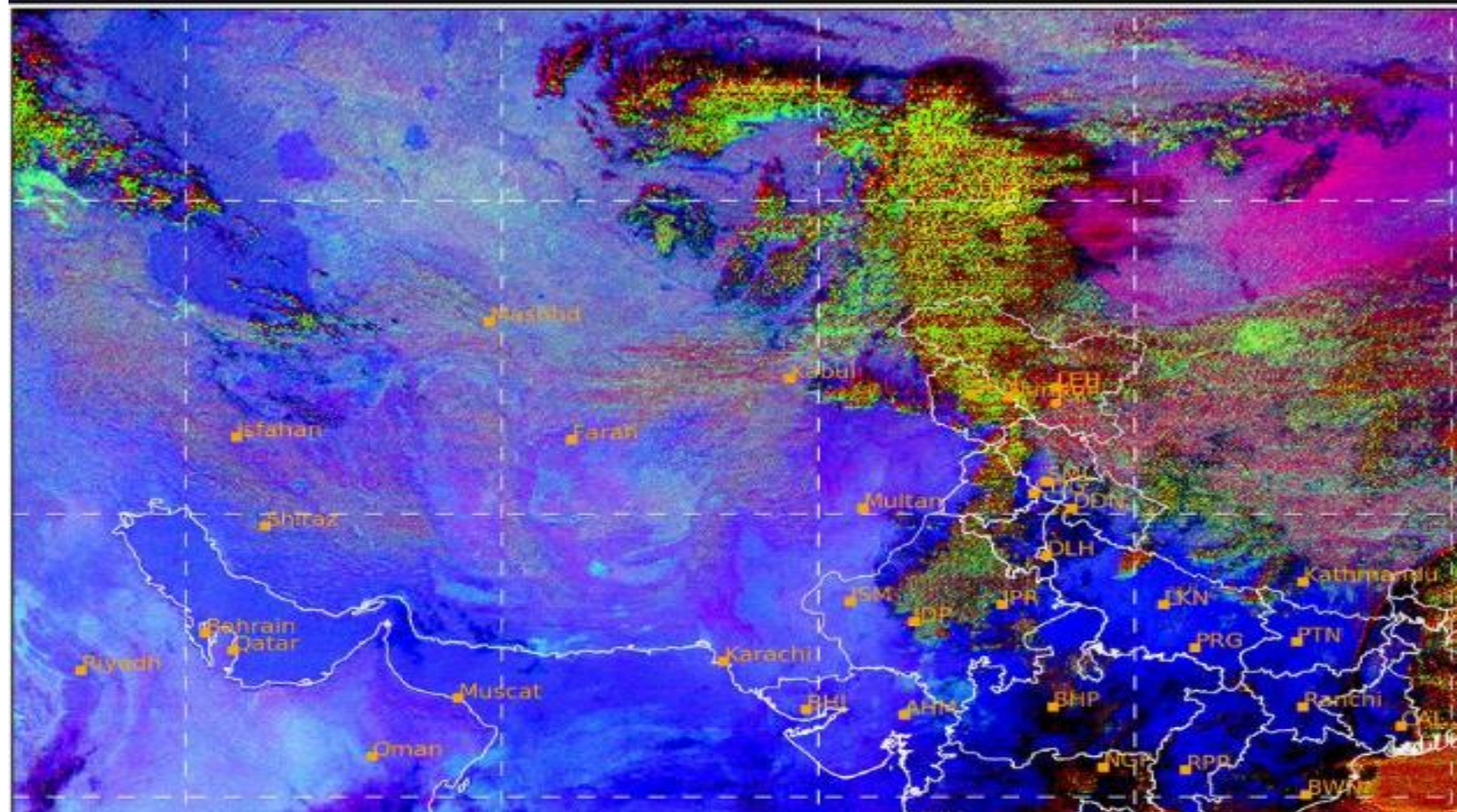
SAT : INSAT-3DR IMG

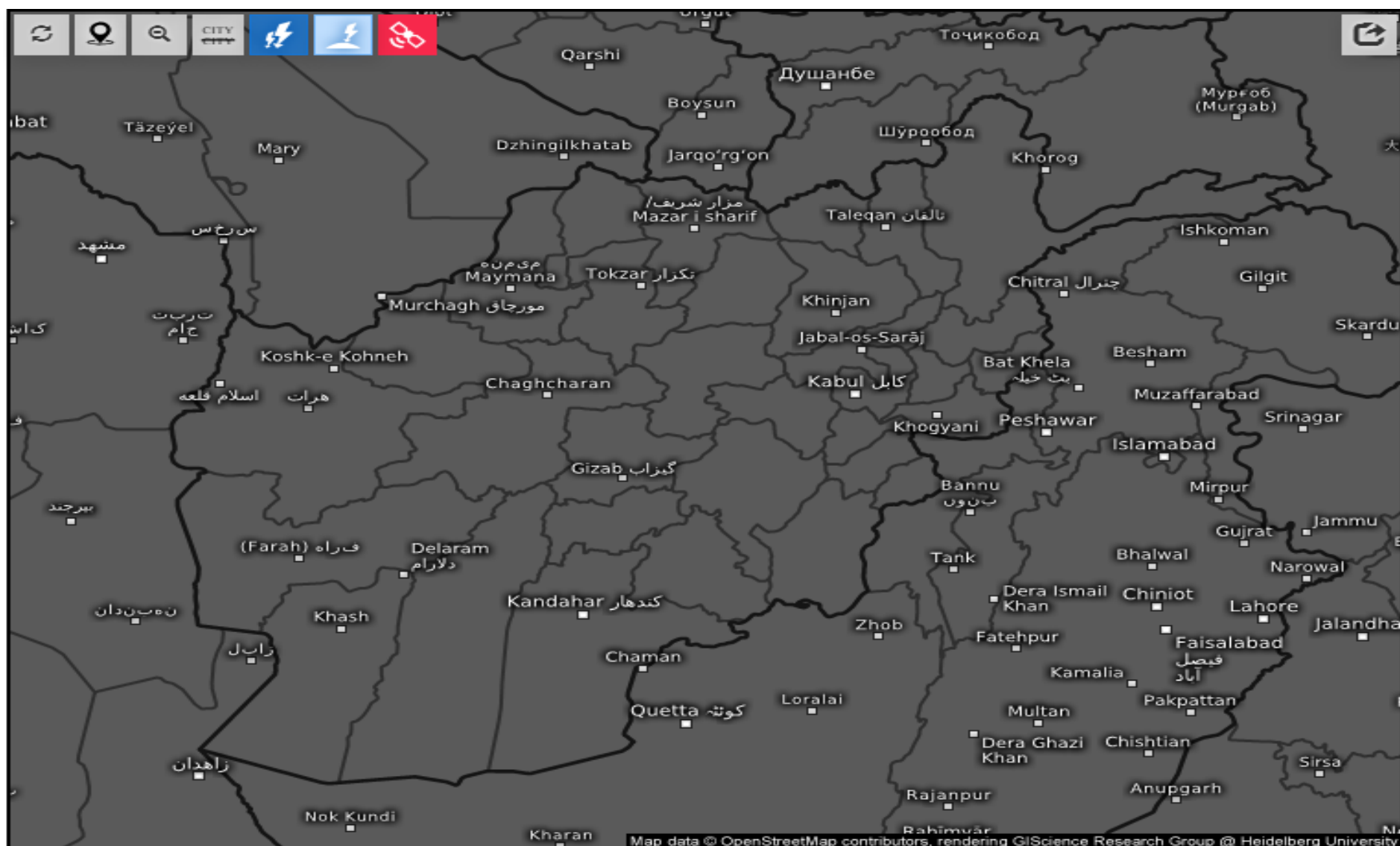
29-05-2025/(2245 to 2312) GMT

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

L1C Mercator

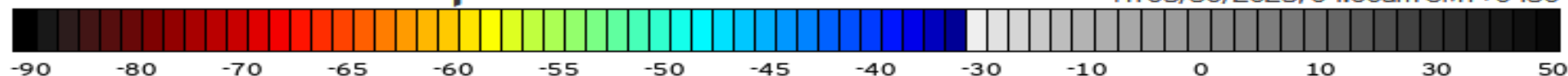
30-05-2025/(0415 to 0442) IST





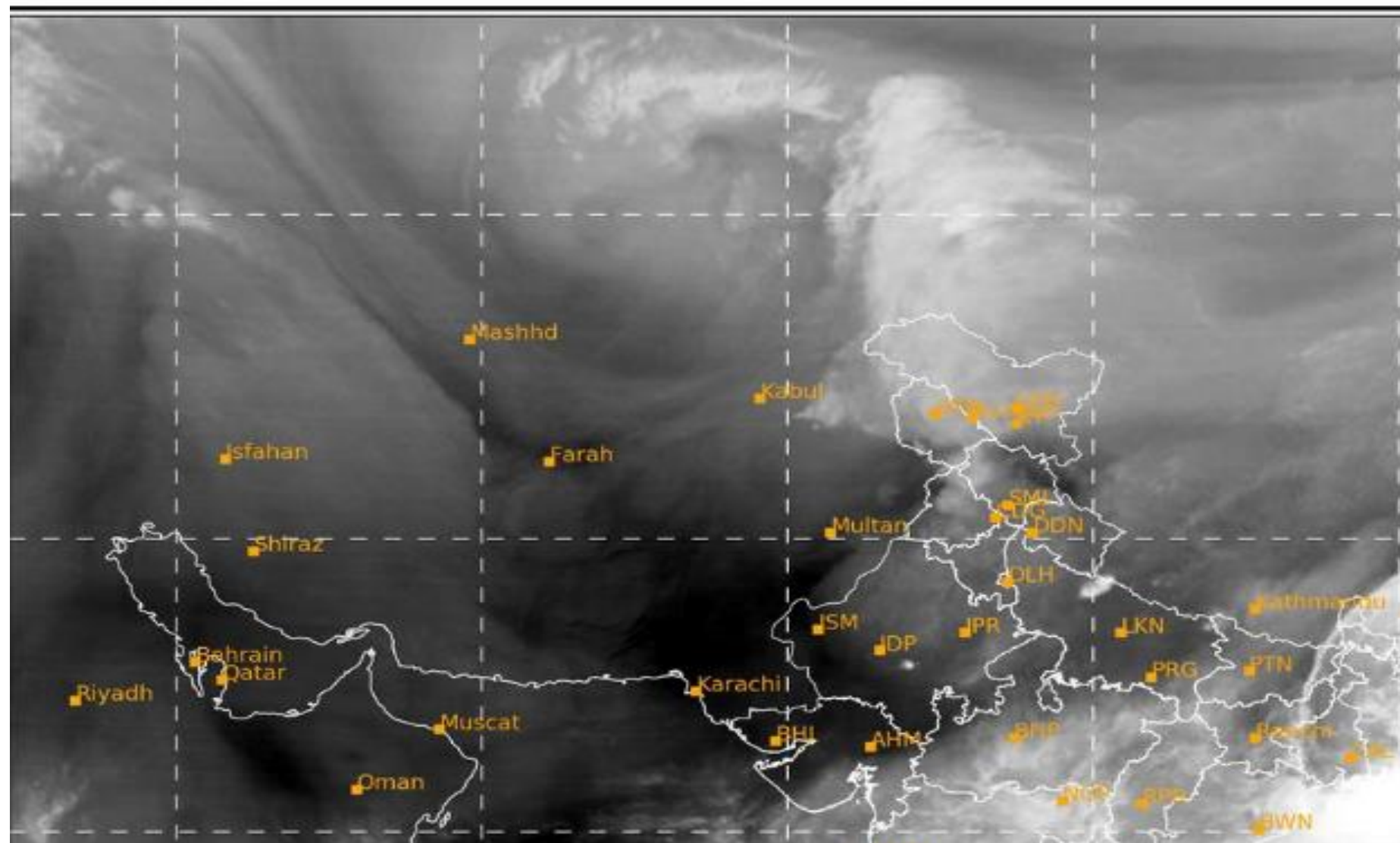
Satellite Cloud Tops Alert

Fri 05/30/2025, 04:00am GMT+0430

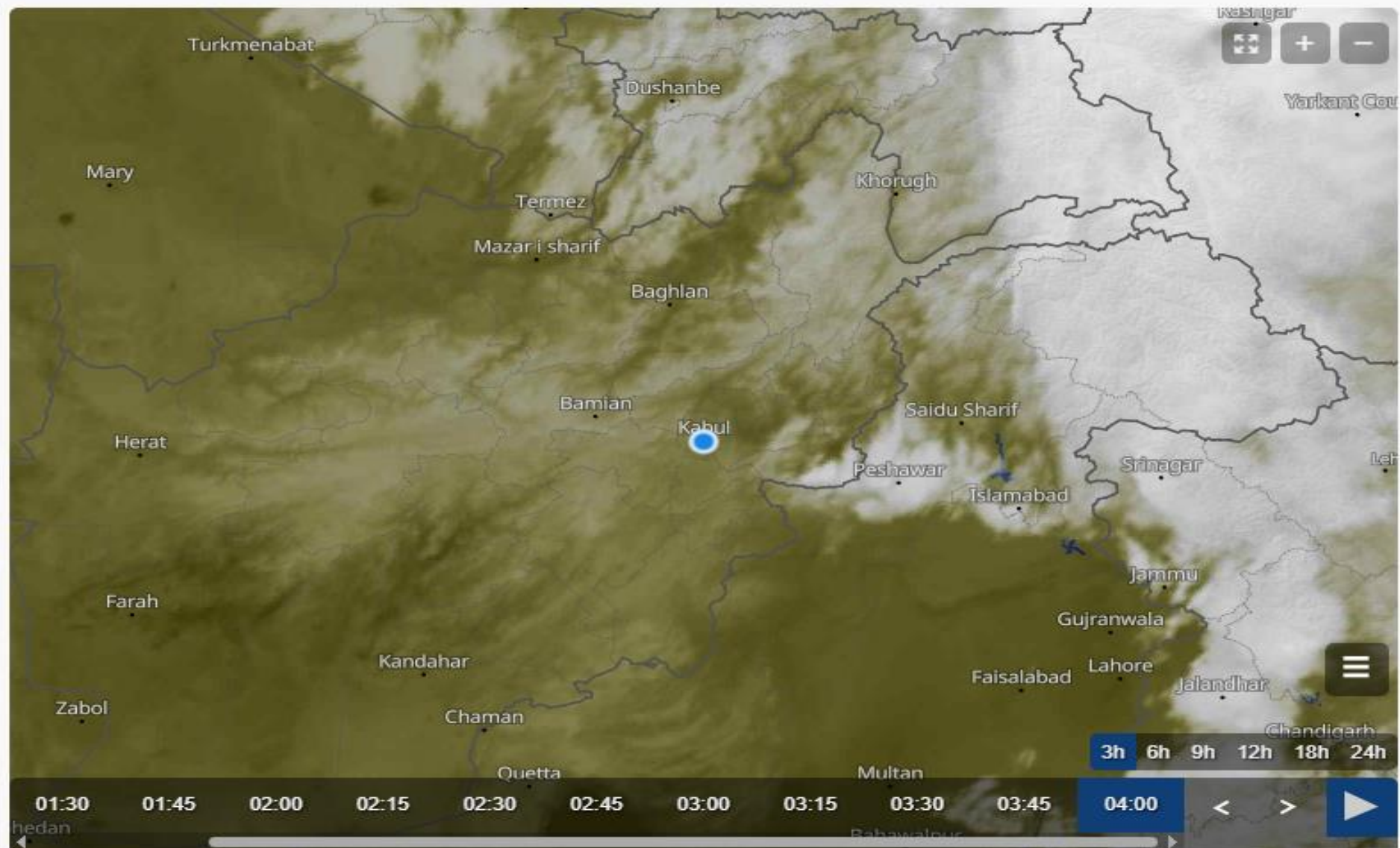


SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

29-05-2025/(2245 to 2312) GMT
30-05-2025/(0415 to 0442) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-05-29 23:15(UTC)

