



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



Daily reports of Satellite imagery analysis. Date & Time: 03/06/2025, 15:00 UTC, Number of reports: 1021

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	X	X	√ dry	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	√ weak	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, central, southeastern, northwestern and southwestern areas have dust. The eastern, northeastern, areas have partly cloudy sky. The eastern, central and northeastern areas have weak water vapor also the northern, southern, western, southeastern, northwestern and southwestern areas are dry.

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

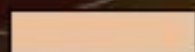
- Reported by: Esmatullah Mohammadi

UTC : 2025-06-03 05:30

AirMass

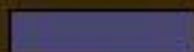


Thick,
high-level cloud



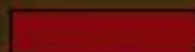
Thick,

mid-level cloud

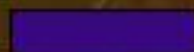


Thick,

low-level cloud



Jet



Cold Airmass

Warm Airmass



(high UTH)



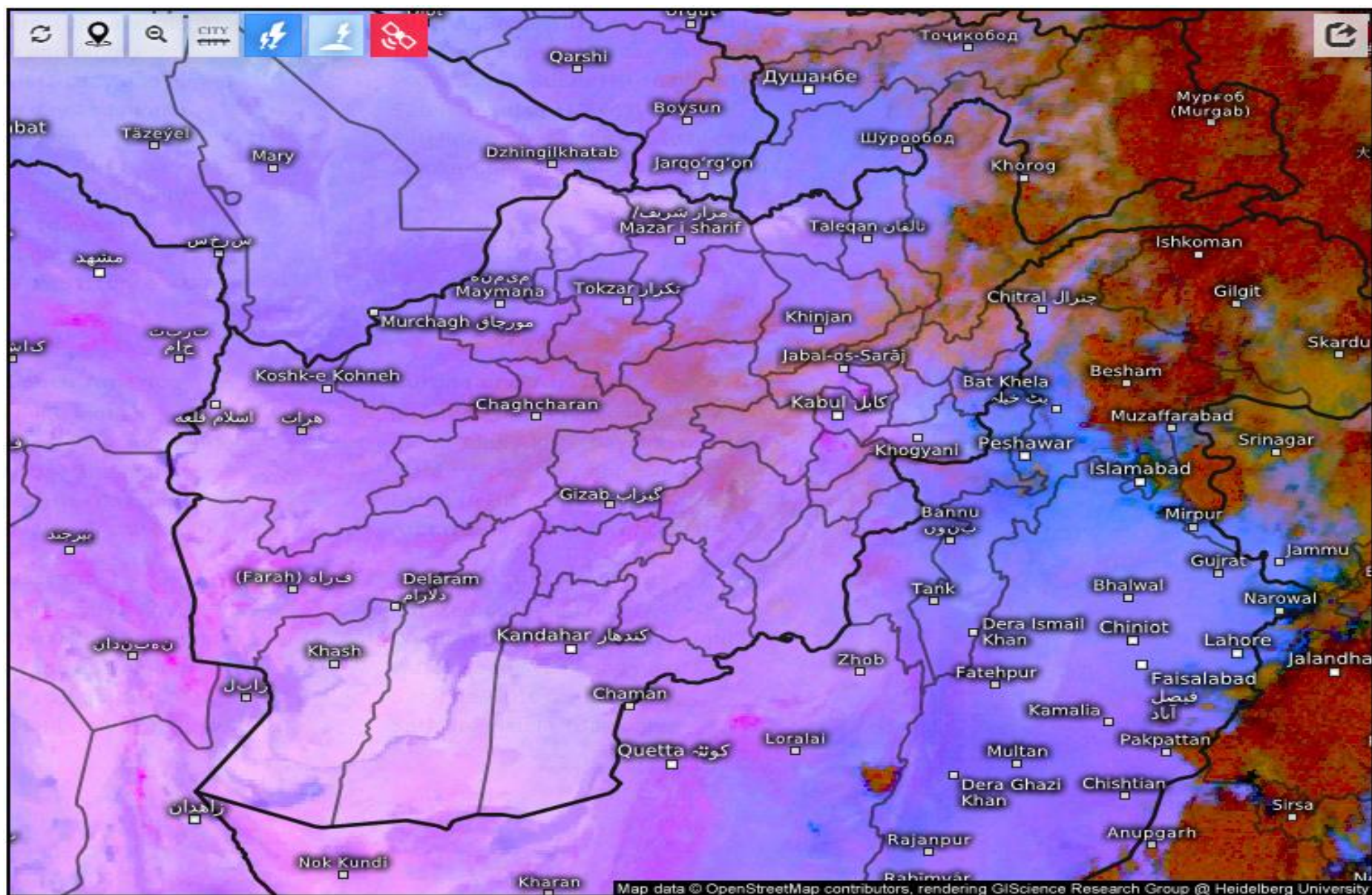
Warm Airmass

(low UTH)

R =
G =
B =

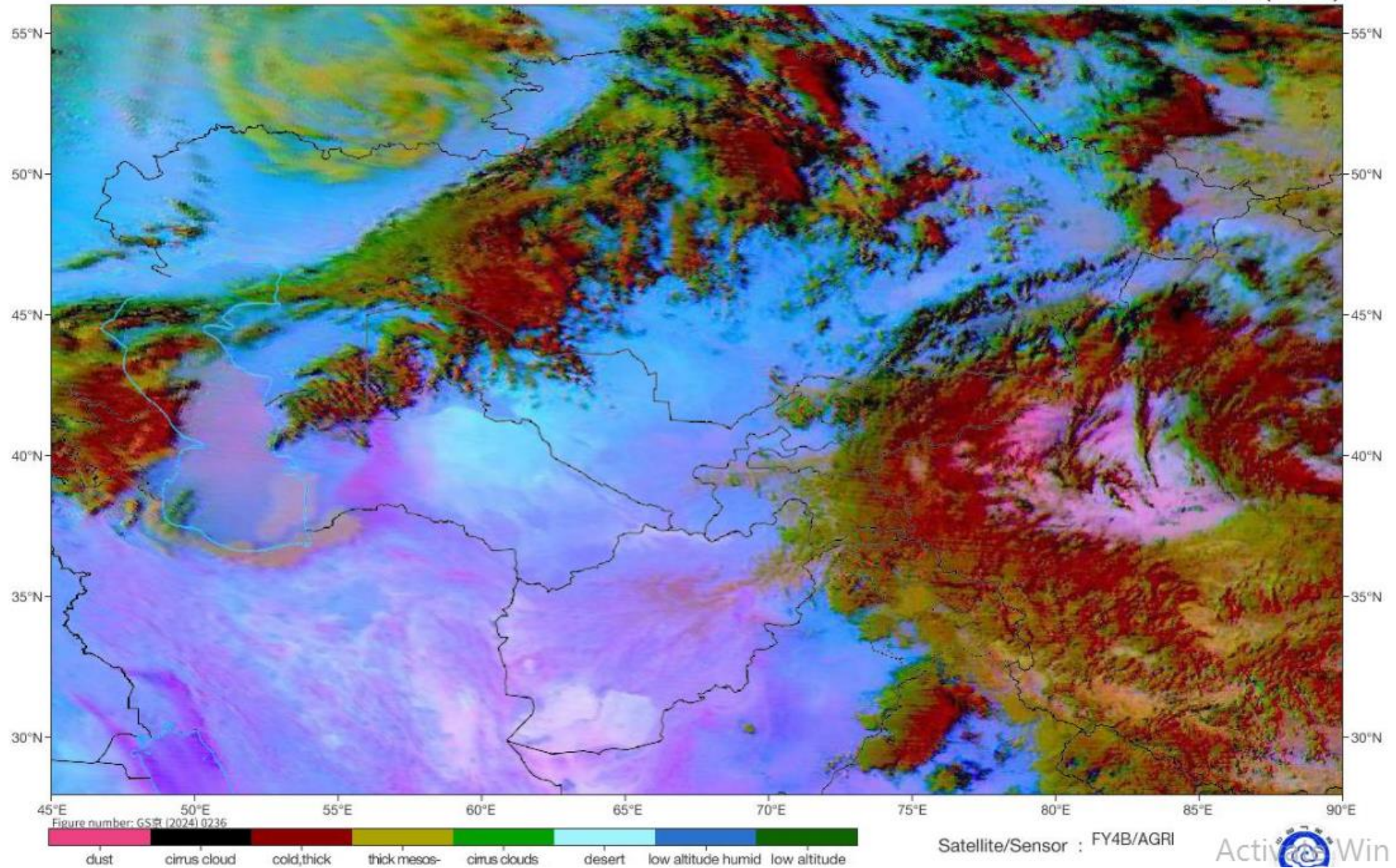
FY-4B AirMass RGB Composite (From WMO)

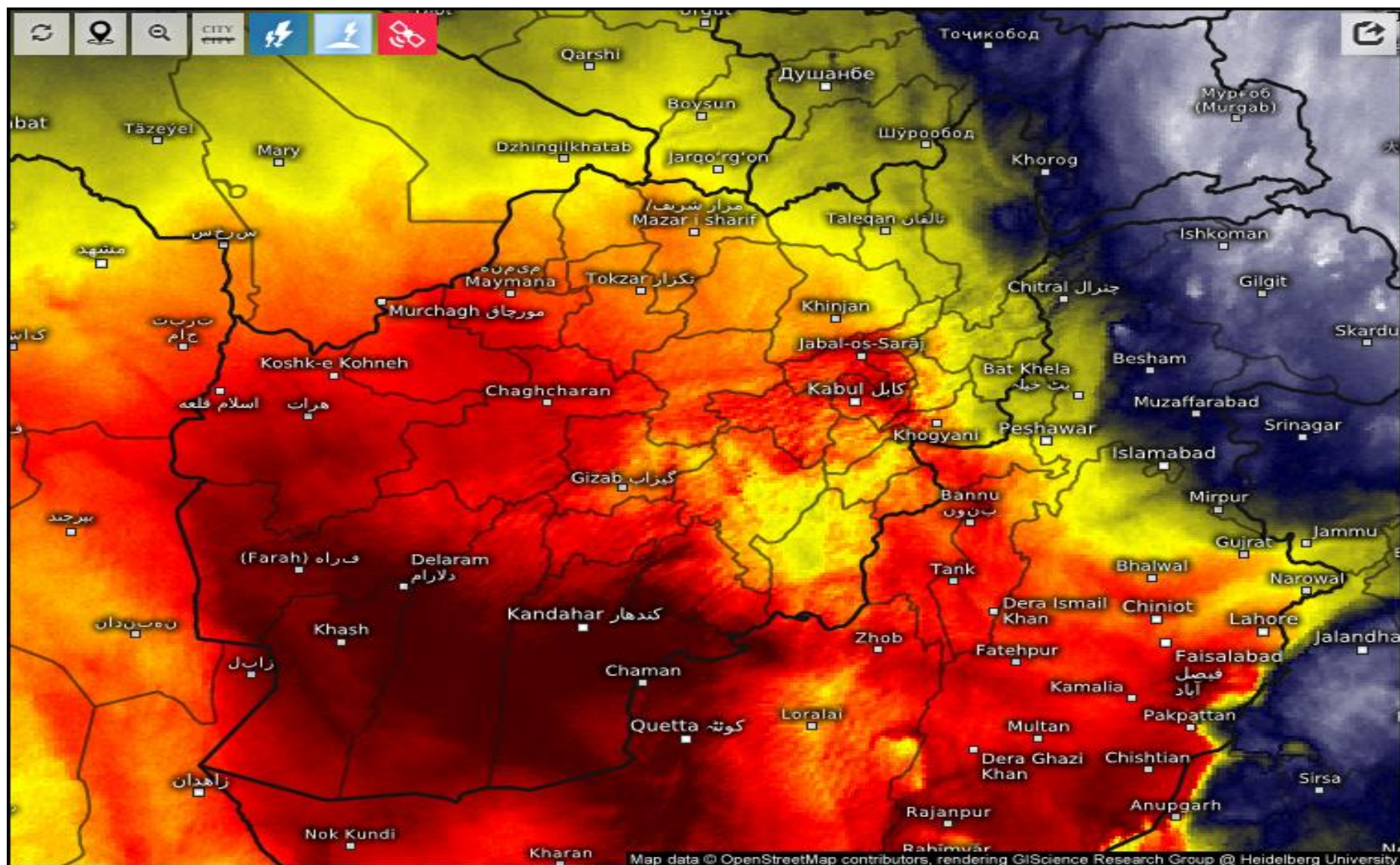




Sand And Dust Identification

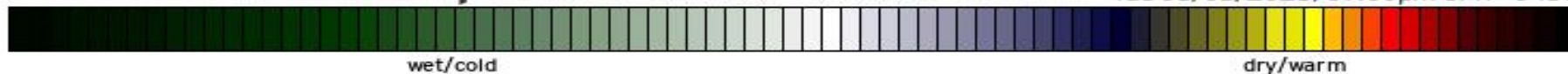
2025-06-03 14:00(UTC)





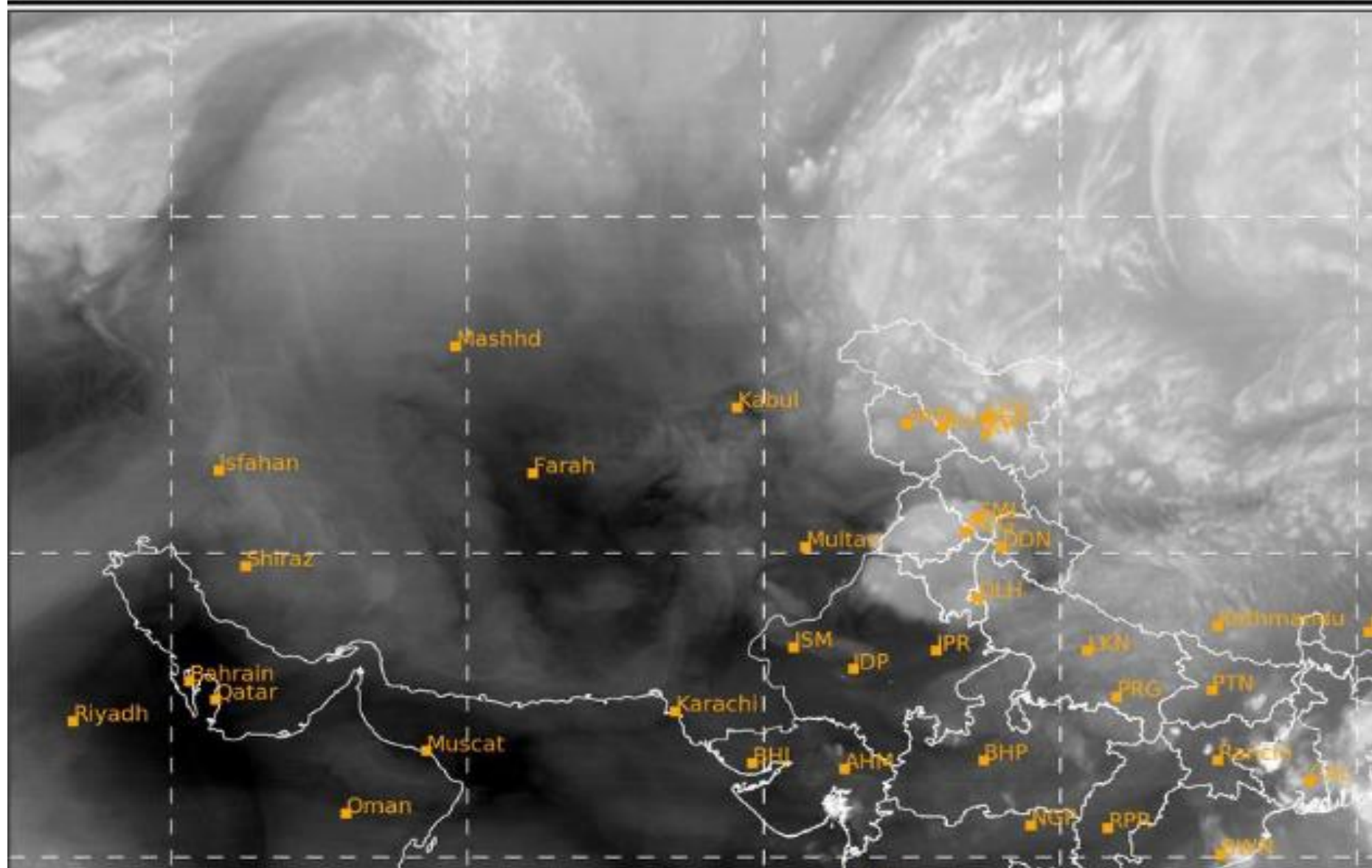
Satellite Water Vapor

Tue 06/03/2025, 07:00pm GMT+0430



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

03-06-2025/(1345 to 1412) GMT
03-06-2025/(1915 to 1942) IST



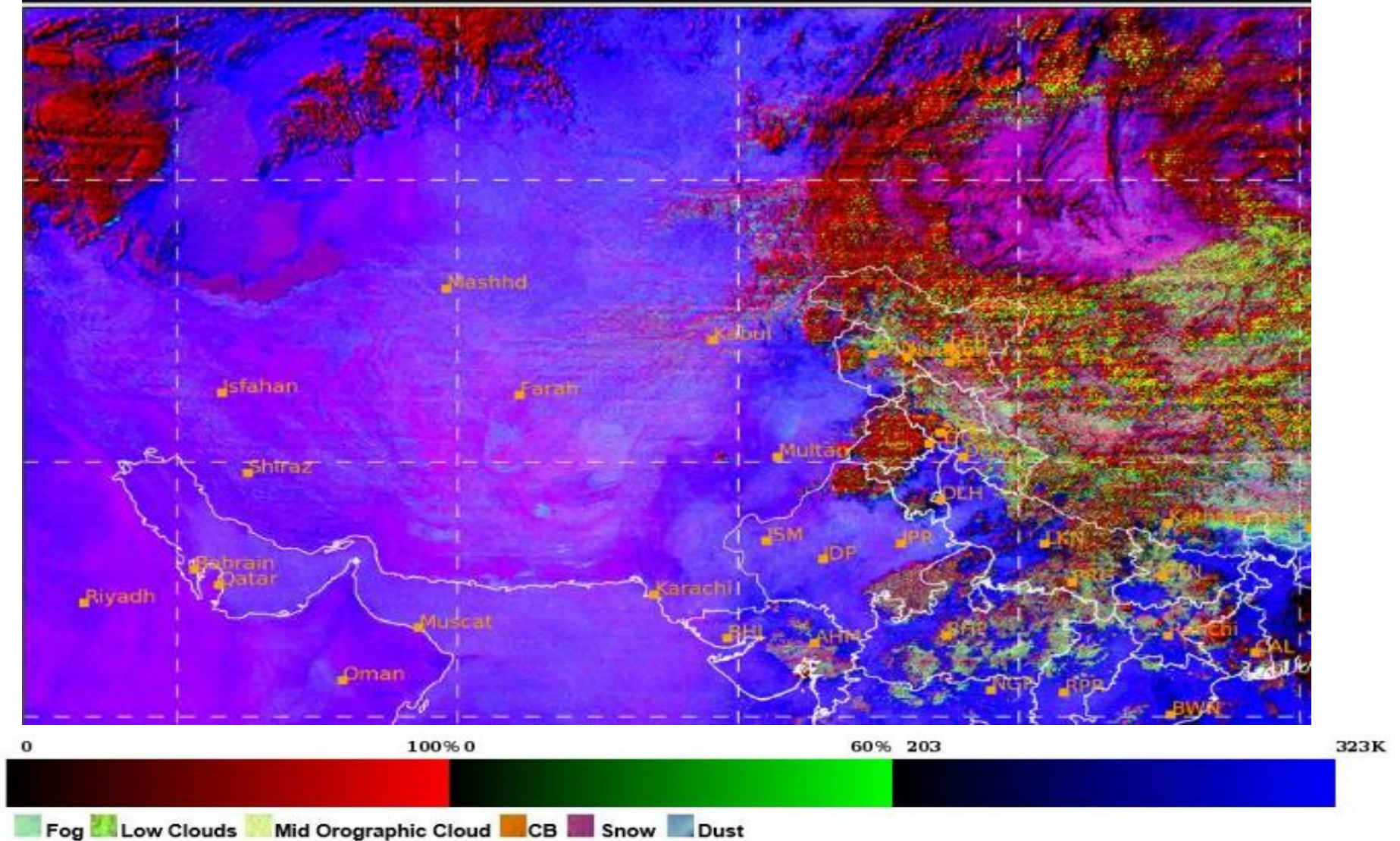
SAT : INSAT-3DR IMG

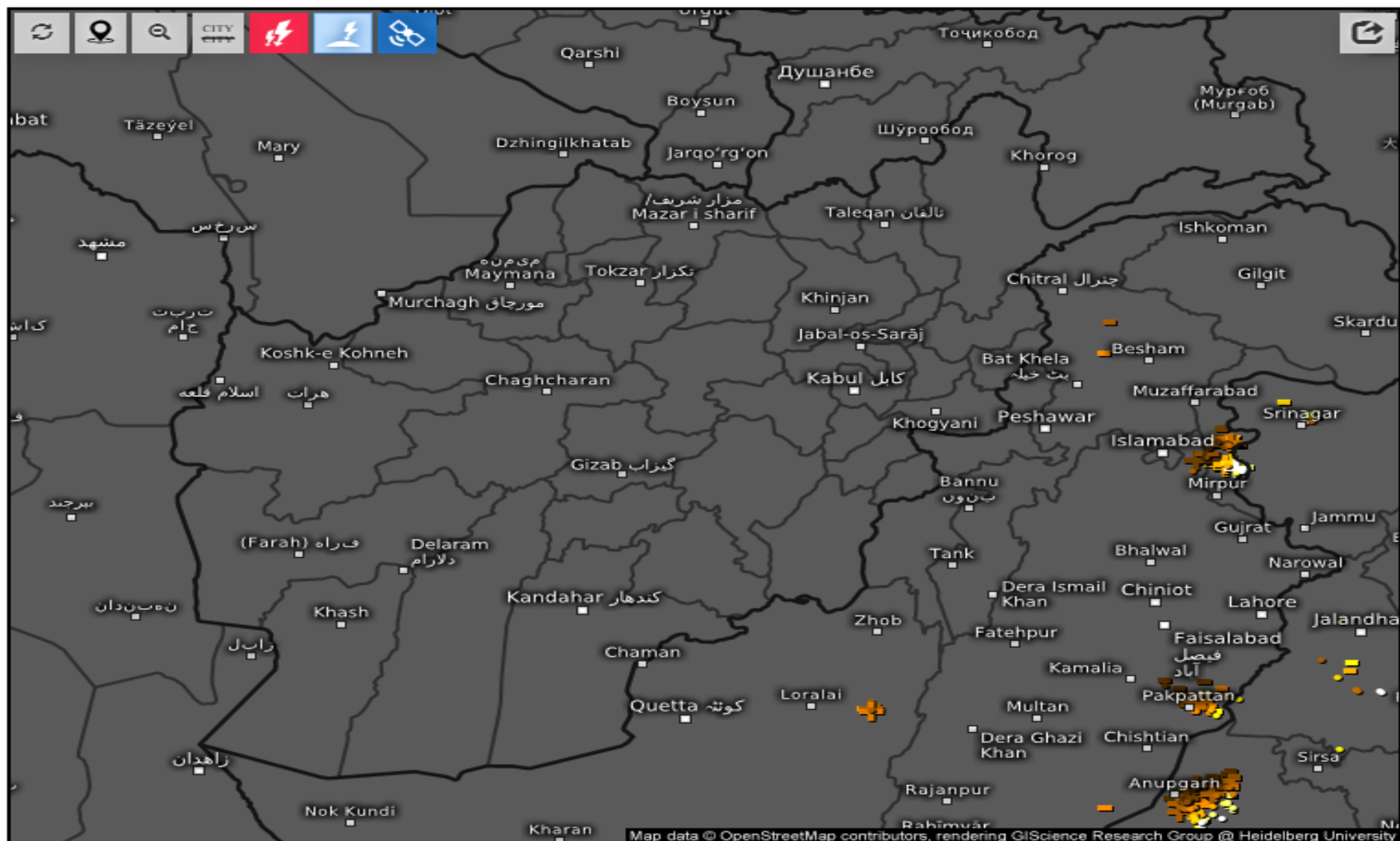
03-06-2025/(1345 to 1412) GMT

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

L1C Mercator

03-06-2025/(1915 to 1942) IST





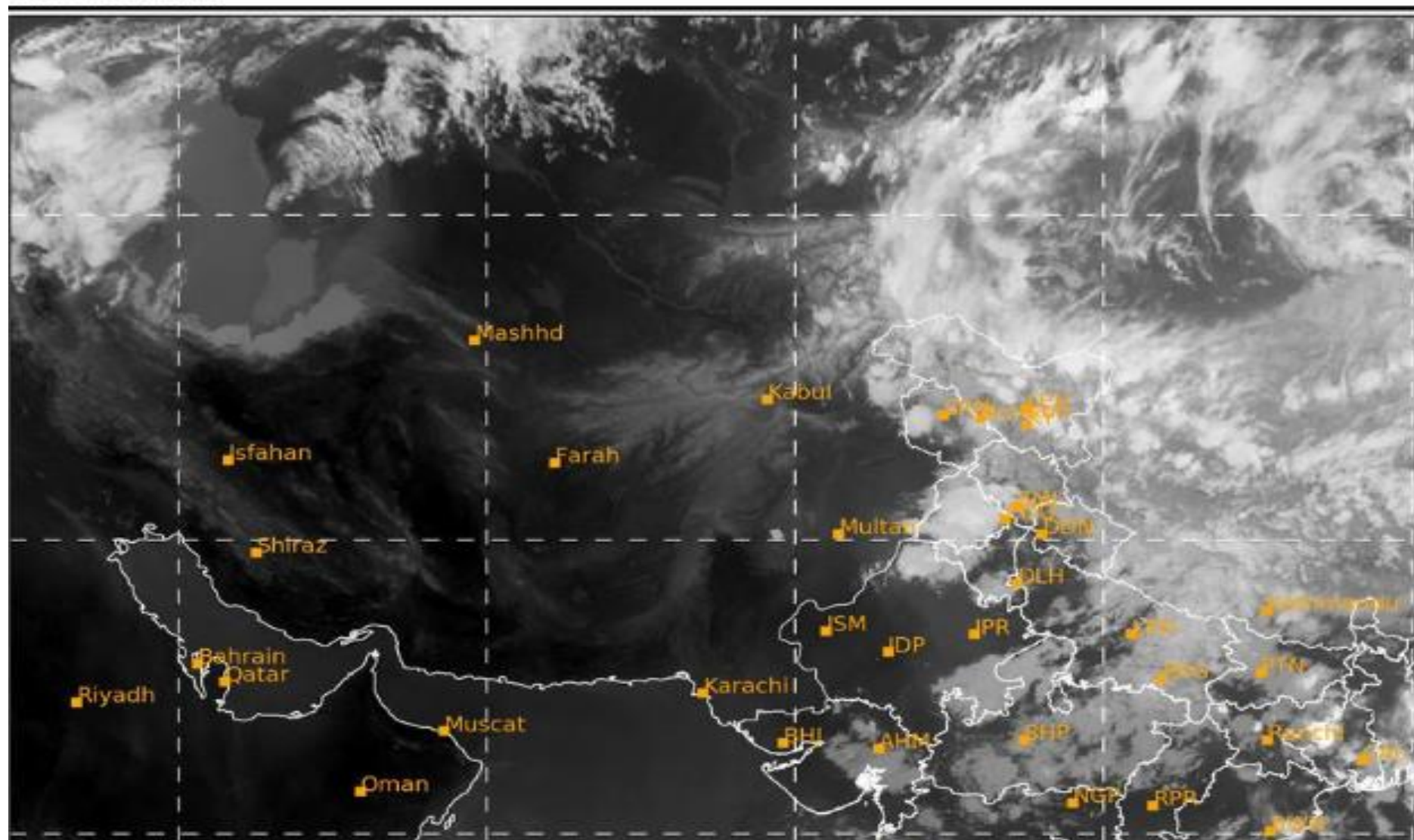
Age of lightning (minutes) 

Tue 06/03/2025, 07:00pm GMT+0430



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

03-06-2025/(1345 to 1412) GMT
03-06-2025/(1915 to 1942) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-06-03 14:15(UTC)

