



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



Daily reports of Satellite imagery analysis. Date & Time: 03/08/2025, 15:00 UTC

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

- **Details:** According to satellite imagery analysis, the northern, eastern, central, northeastern areas have warm air mass (high UTH). The southern, western, southeastern areas have dust. The eastern, northeastern and southeastern areas have cloudy sky. The all region have dry water vapor with the exception of northern, northeastern and southeastern areas are weak.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-08-03 05:30

AirMass

Thick,
high-level cloud

Thick,
mid-level cloud

Thick,
low-level cloud

Jet

Cold Airmass

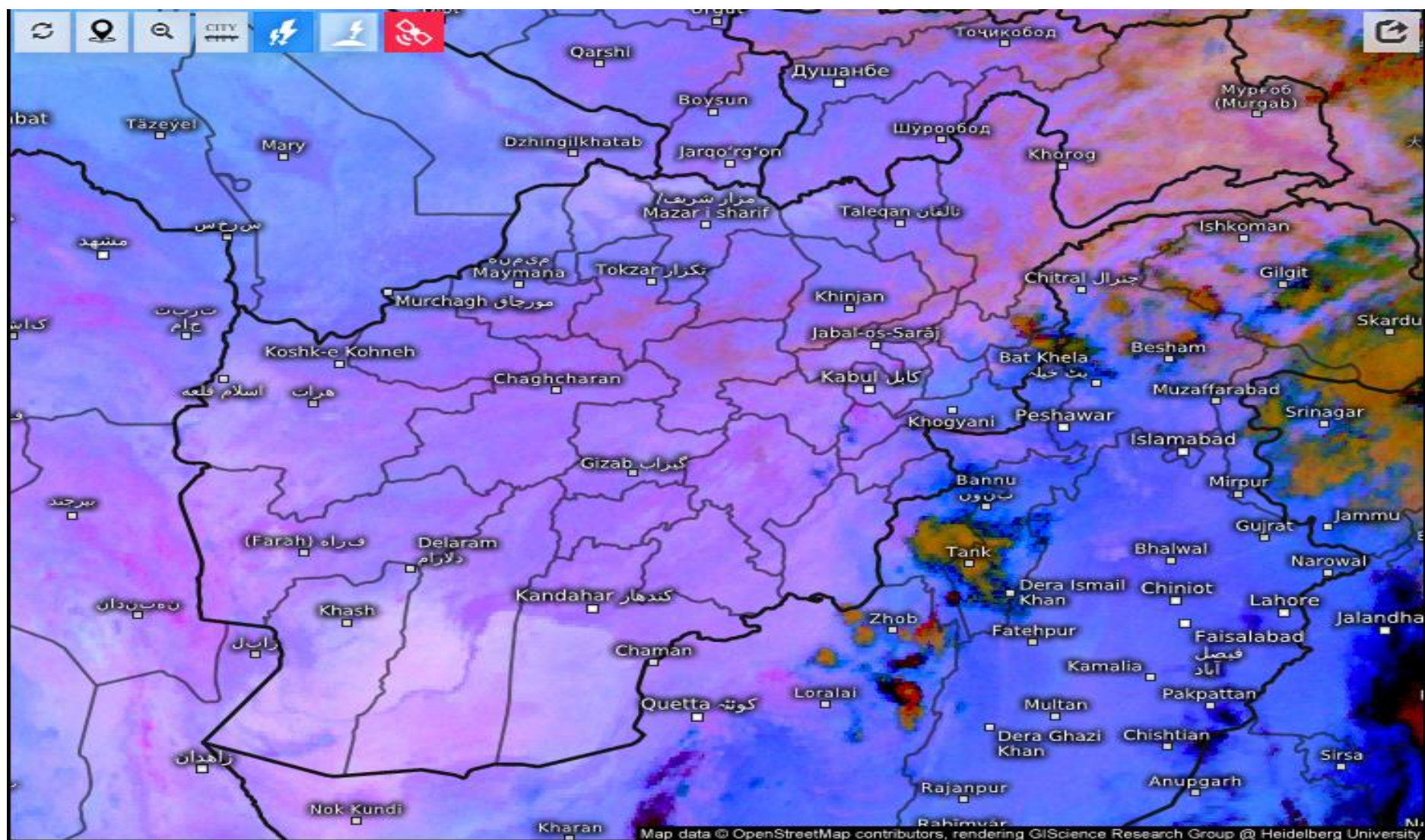
Warm Airmass
(high UTH)

Warm Airmass
(low UTH)

R = WV (0-6000m)
G = IR (8-12000m)
B = WV (12-18000m)

FY-4B AirMass RGB Composite (From WMO)

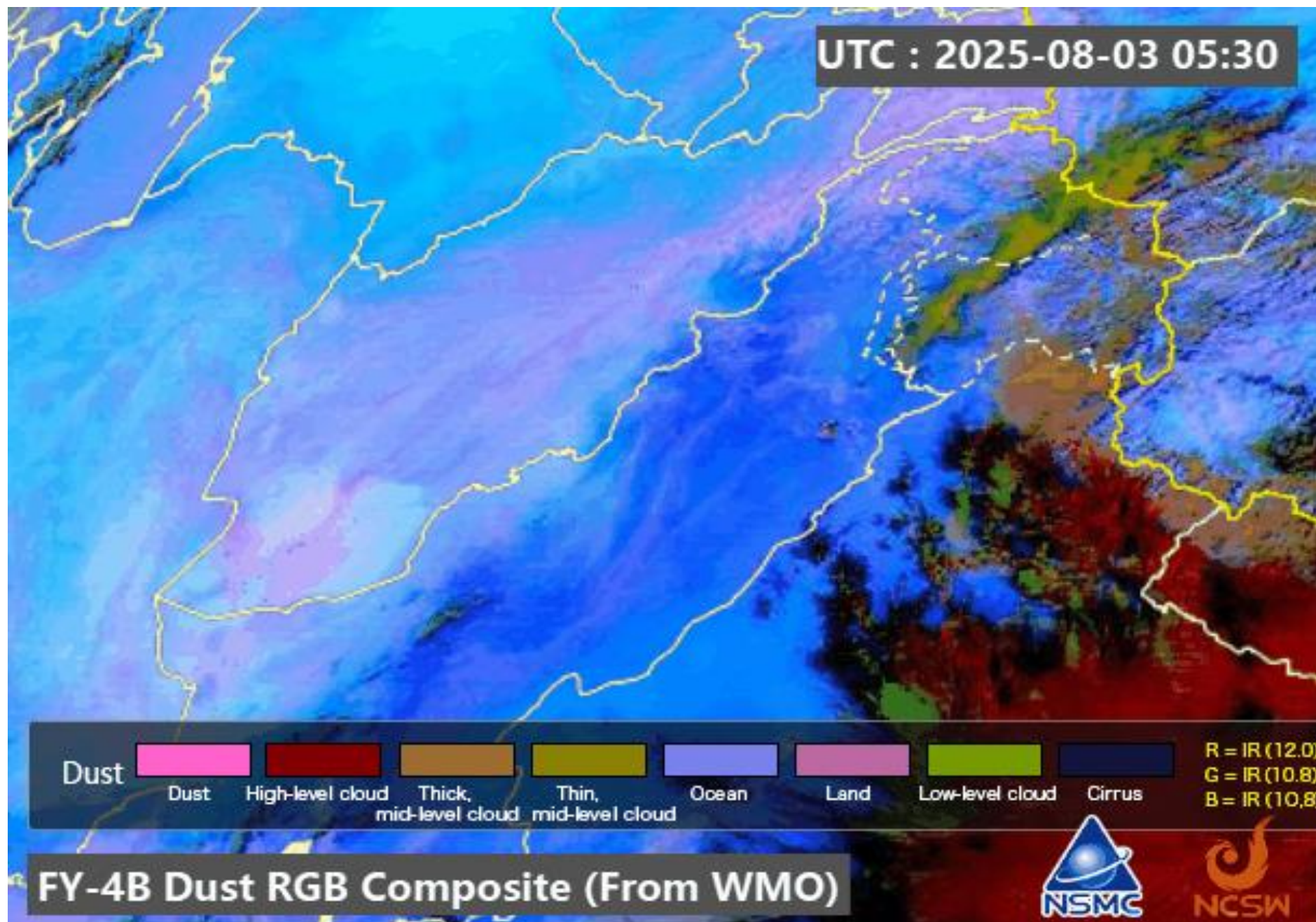


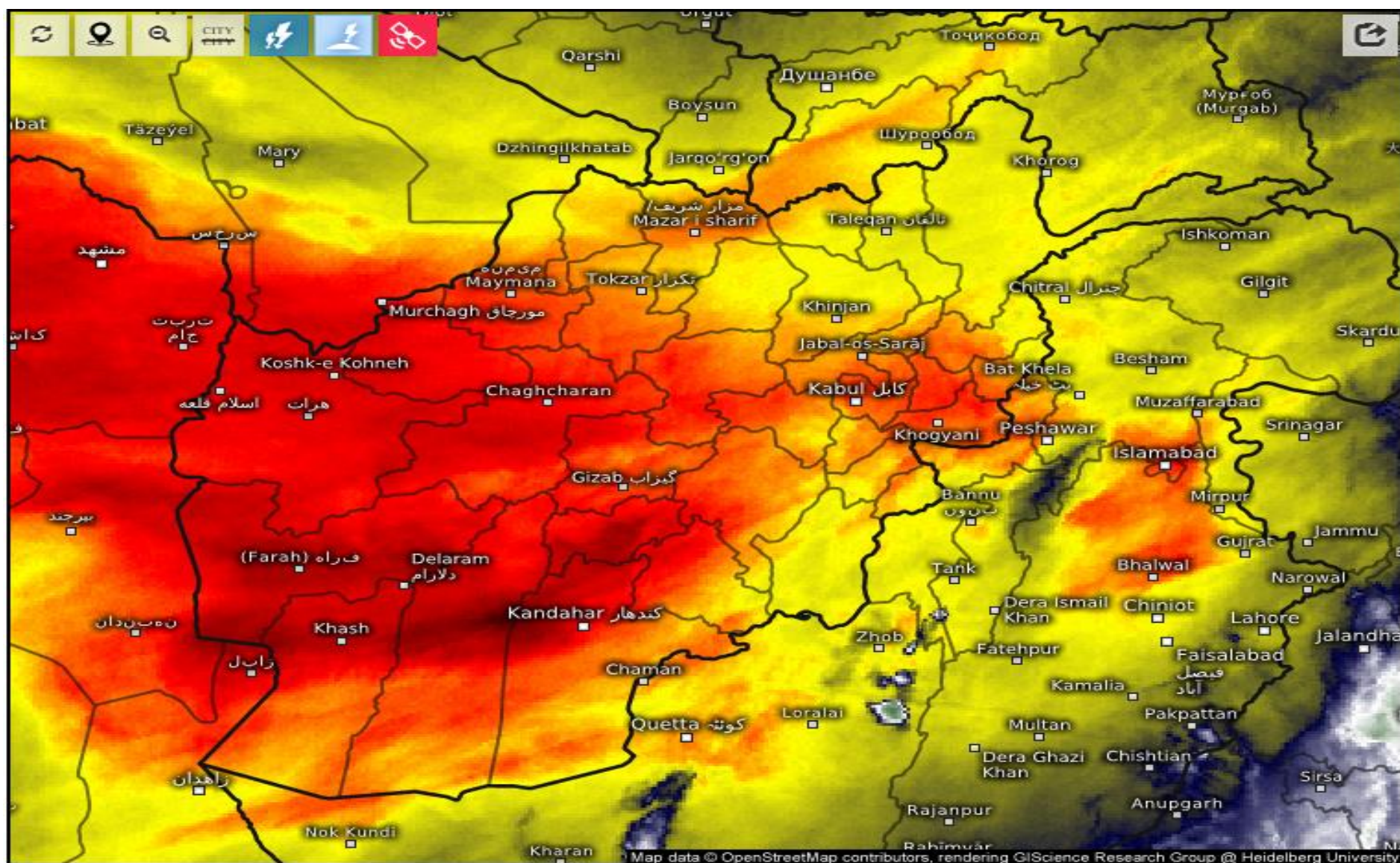


Satellite Dust 

Sun 08/03/2025, 07:00pm GMT+0430

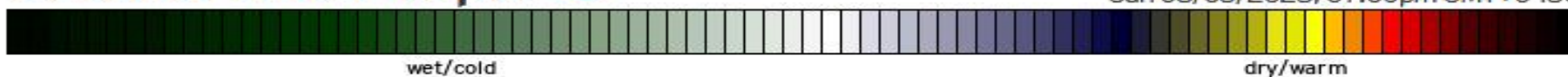
UTC : 2025-08-03 05:30





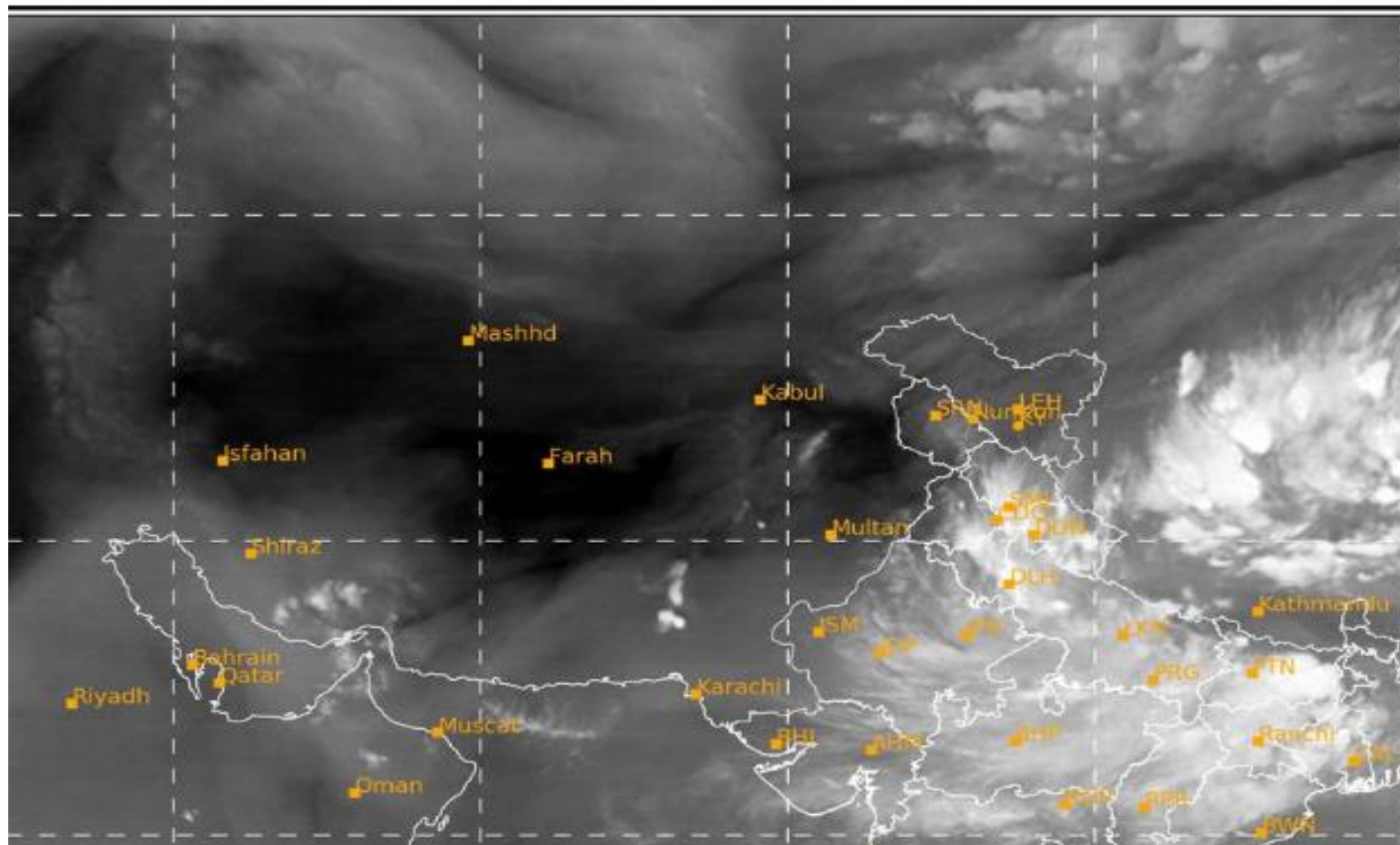
Satellite Water Vapor

Sun 08/03/2025, 07:00pm GMT+0430



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

03-08-2025/(1315 to 1342) GMT
03-08-2025/(1845 to 1912) IST



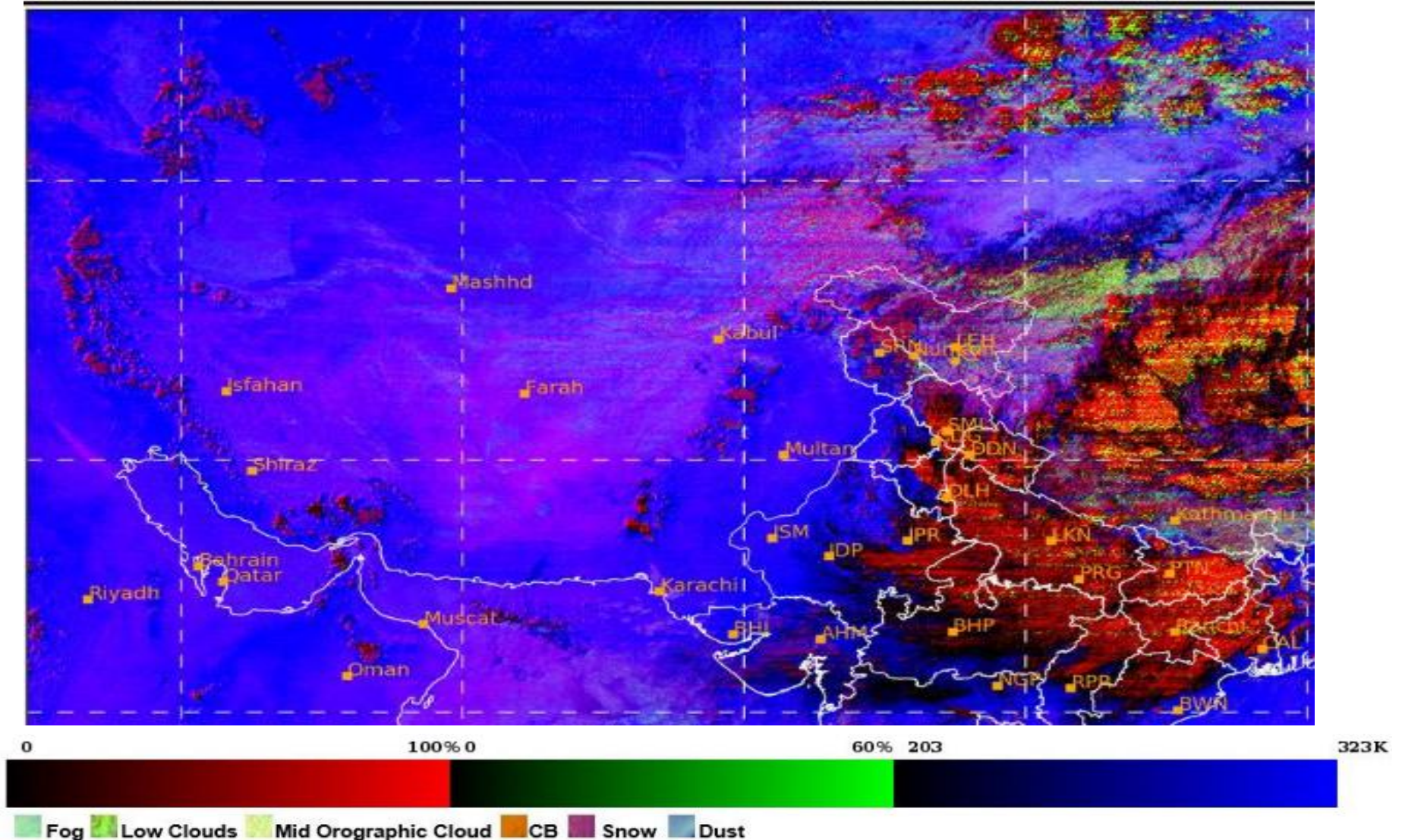
SAT : INSAT-3DR IMG

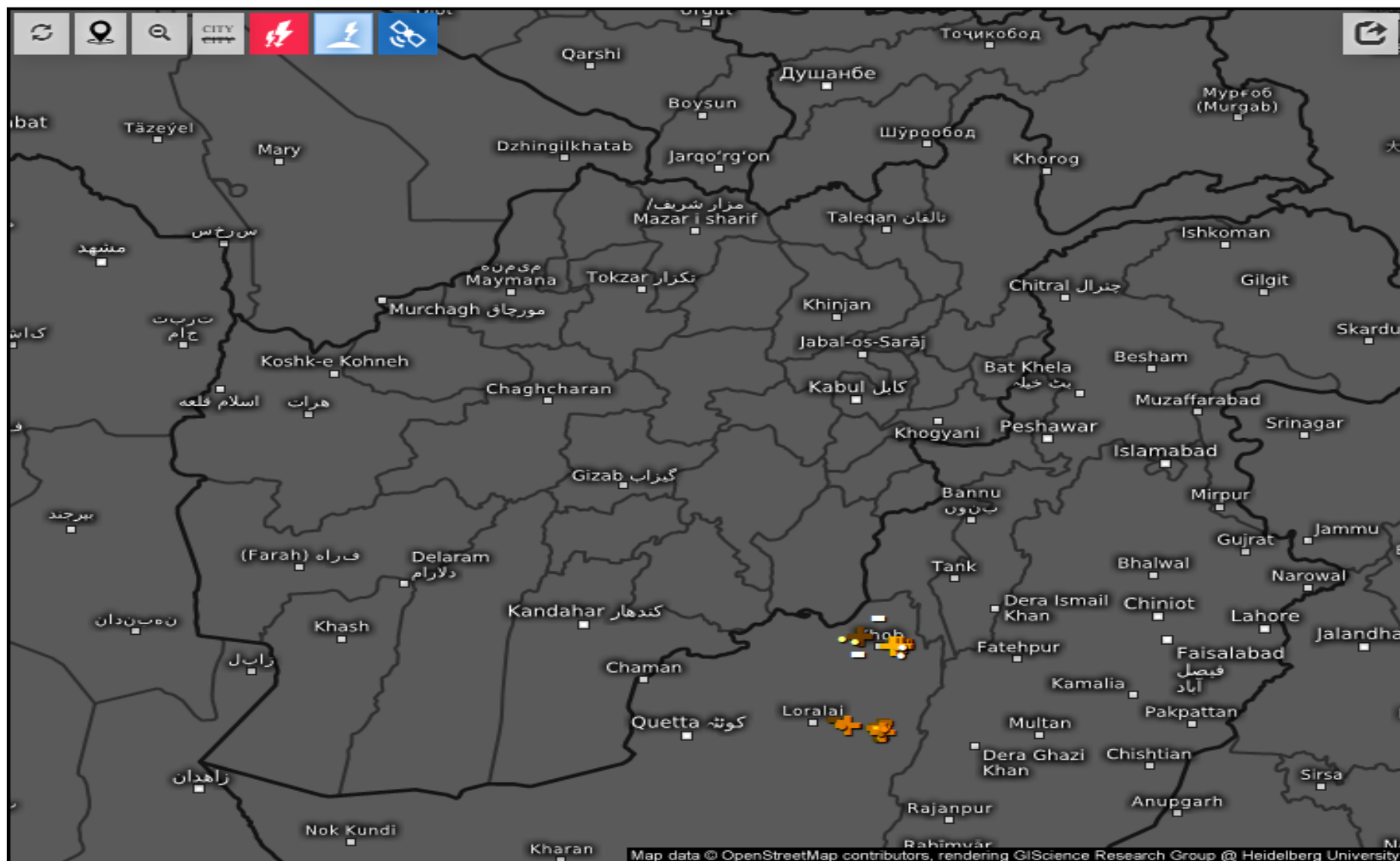
03-08-2025/(1315 to 1342) GMT

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

L1C Mercator

03-08-2025/(1845 to 1912) IST





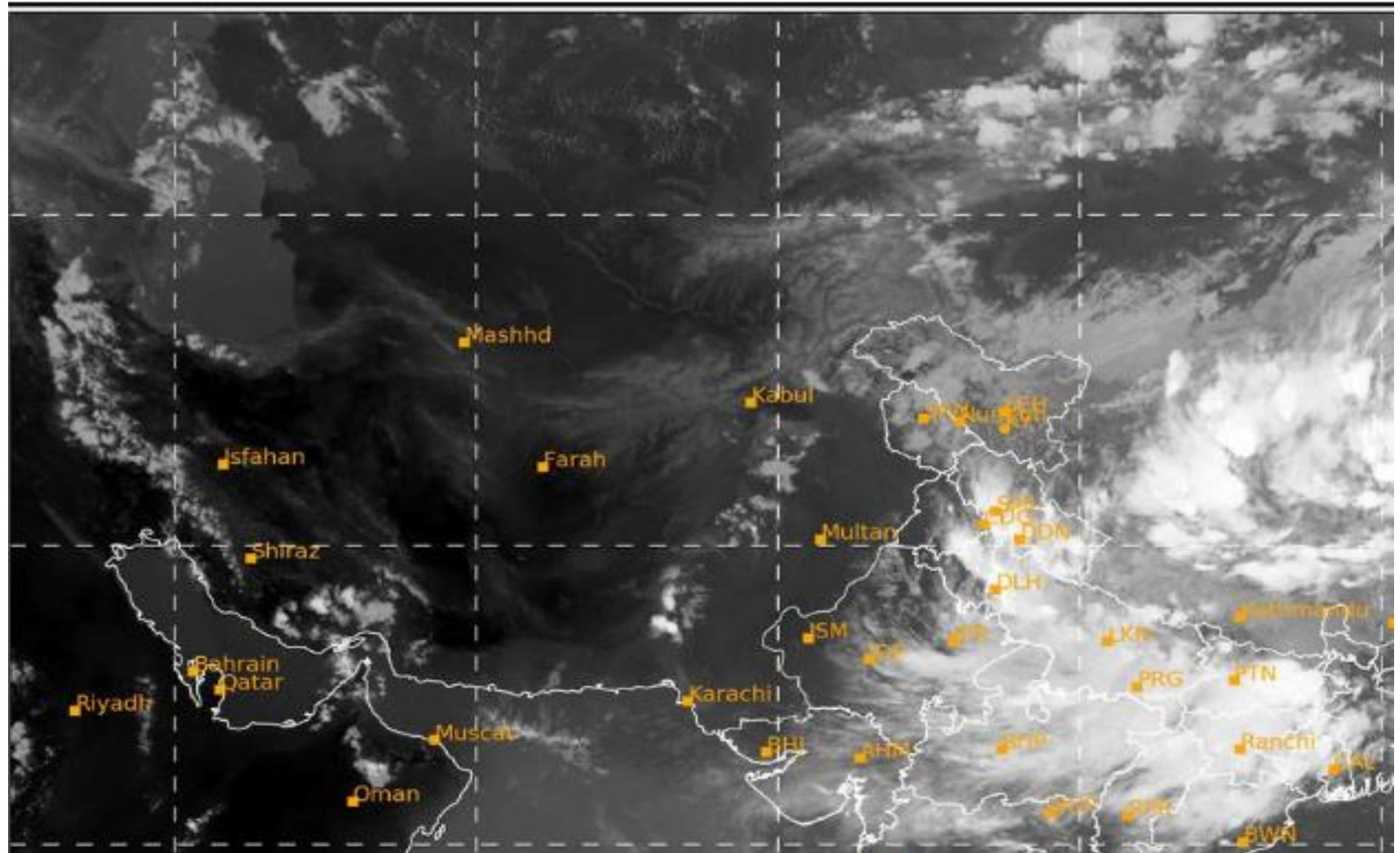
Age of lightning (minutes) 

Sun 08/03/2025, 07:10pm GMT+0430



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

03-08-2025/(1315 to 1342) GMT
03-08-2025/(1845 to 1912) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-08-03 14:15(UTC)

