



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



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

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	√ dry	X	X	
2	South	X	✓	X	X	X	√ dry	X	X	
3	West	✓	✓	X	X	X	√ dry/warm	X	X	
4	East	✓	X	X	✓	X	√ dry	X	X	
5	central	✓	X	X	✓	X	√ dry	X	X	
6	Northeast	✓	X	X	✓	X	√ dry	X	X	
7	Southeast	X	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 northern, western, eastern, central, northeastern, northwestern and southwestern areas have warm air mass (high UTH). The southern, western, southwestern areas have dust. The eastern, central, northeastern and southeastern areas have cloudy sky. The all region have dry water vapor.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-08-07 14:30

AirMass

Thick,
high-level cloud

Thick,
mid-level cloud

Thick,
low-level cloud

Jet

Cold Airmass

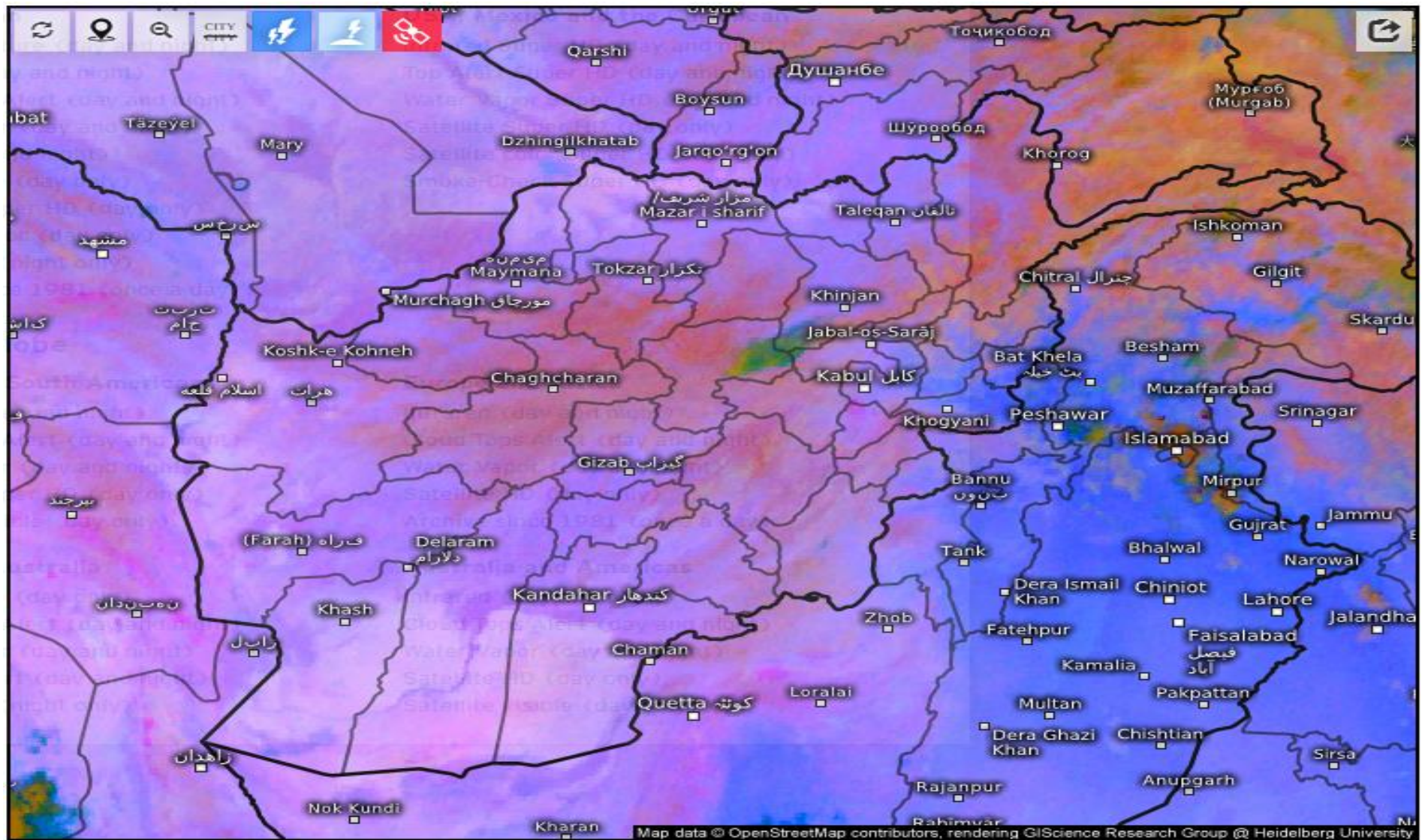
Warm Airmass
(high UTH)

Warm Airmass
(low UTH)

R=
G=
B=

FY-4B AirMass RGB Composite (From WMO)

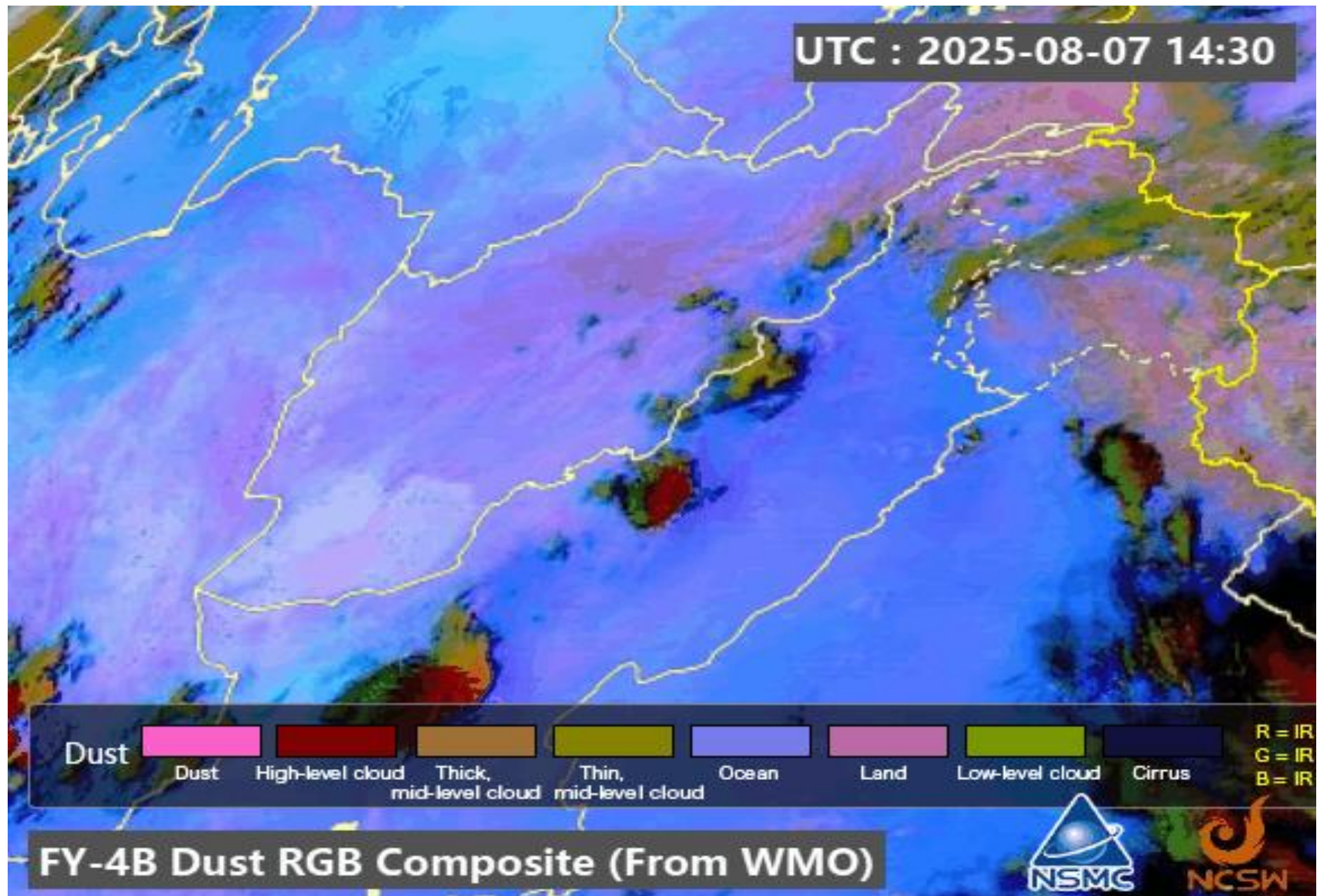




Satellite Dust 

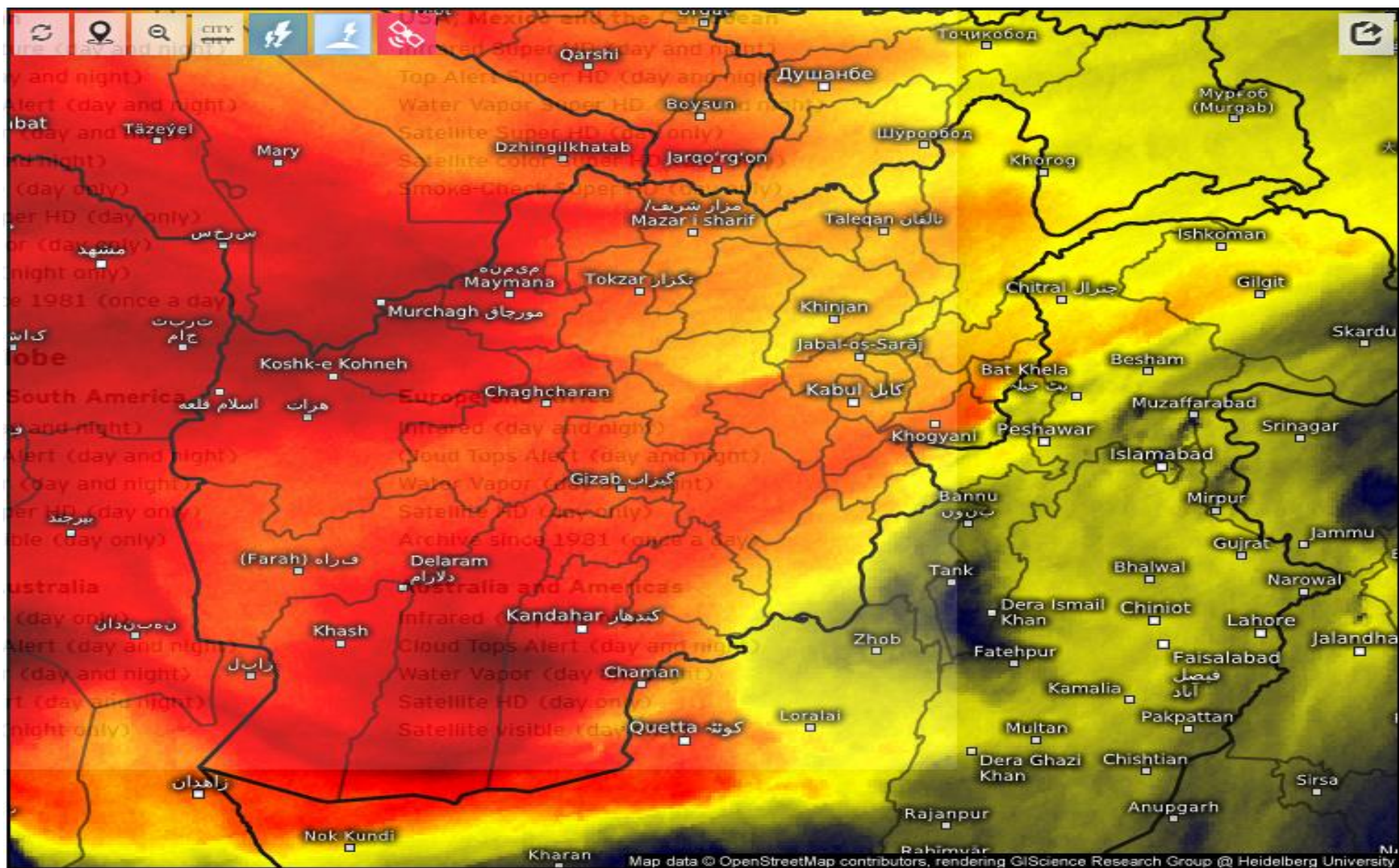
Fri 08/08/2025, 04:00am GMT+0430

UTC : 2025-08-07 14:30



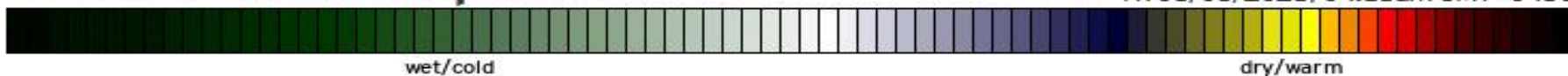
FY-4B Dust RGB Composite (From WMO)





Satellite Water Vapor

Fri 08/08/2025, 04:15am GMT+0430



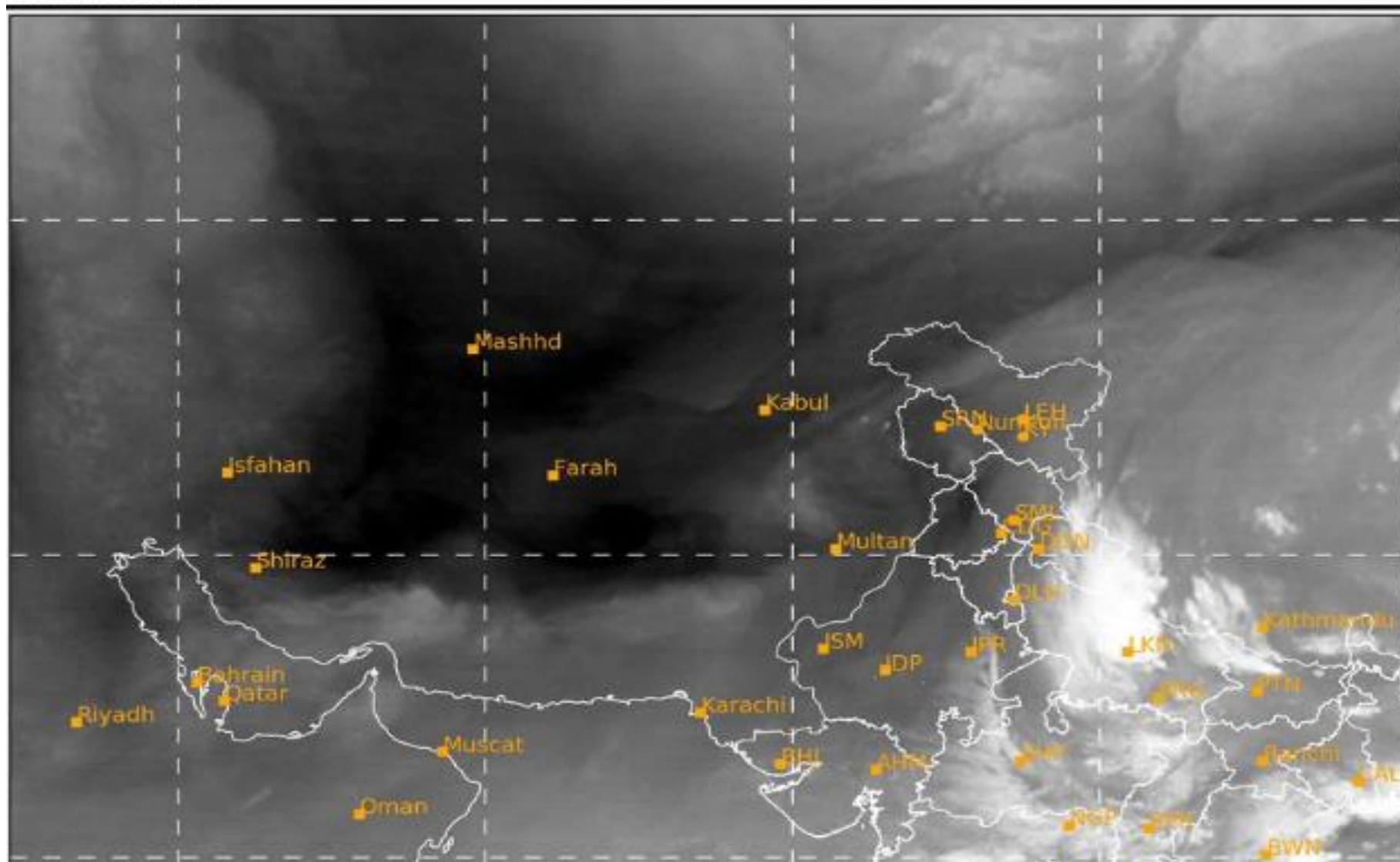
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

07-08-2025/(2244 to 2311) GMT

08-08-2025/(0414 to 0441) IST



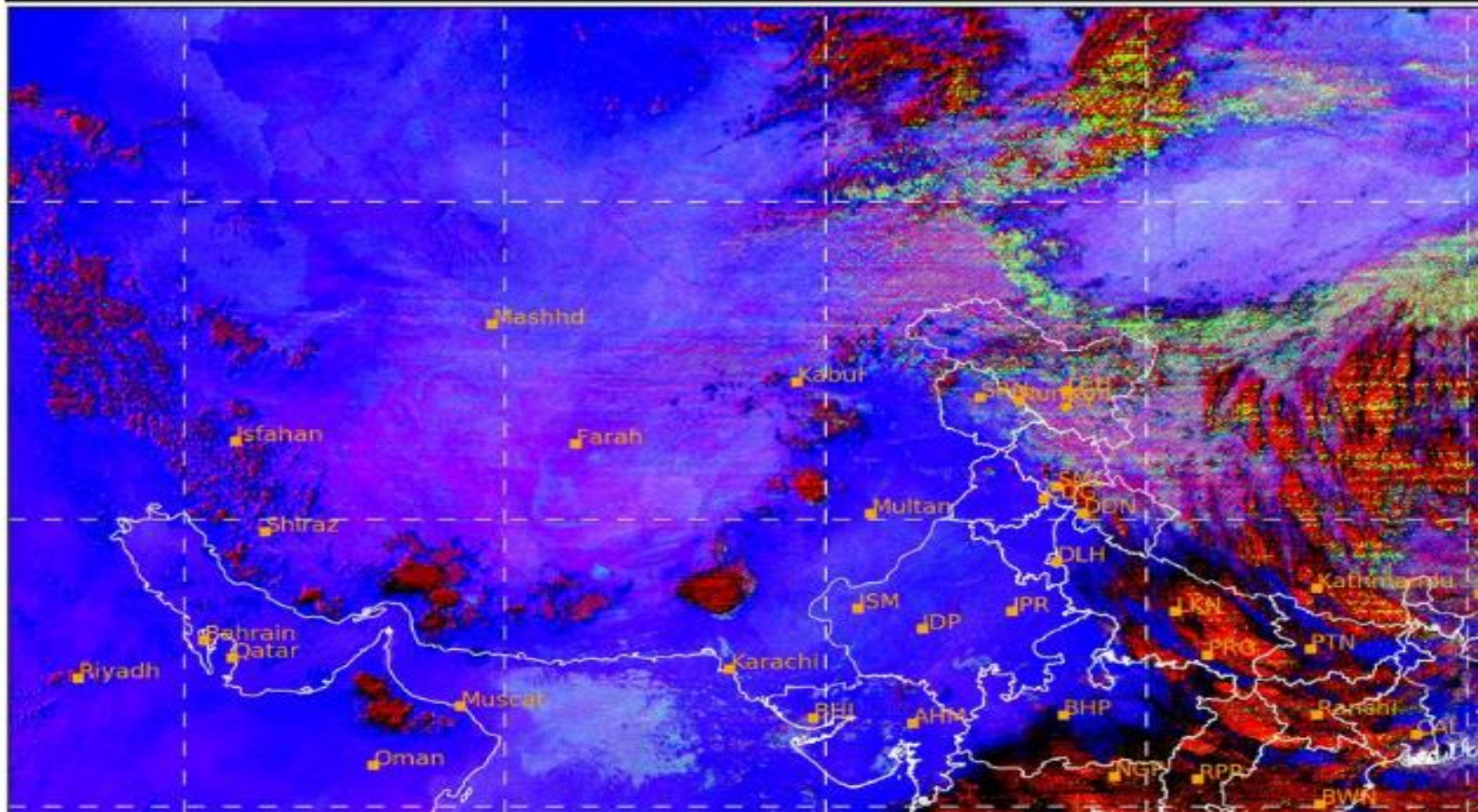
SAT : INSAT-3DR IMG

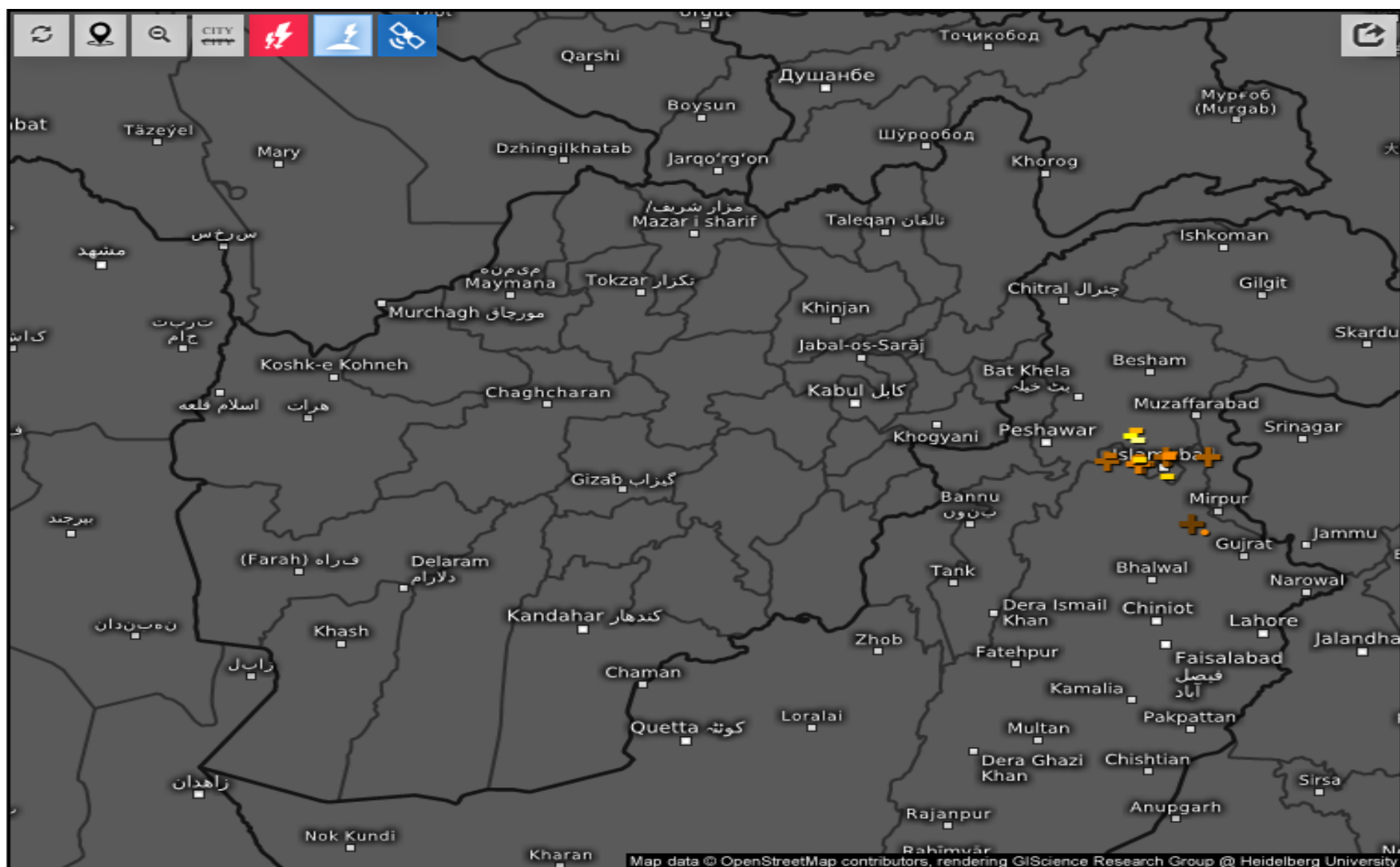
07-08-2025/(1345 to 1411) GMT

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

L1C Mercator

07-08-2025/(1915 to 1941) IST





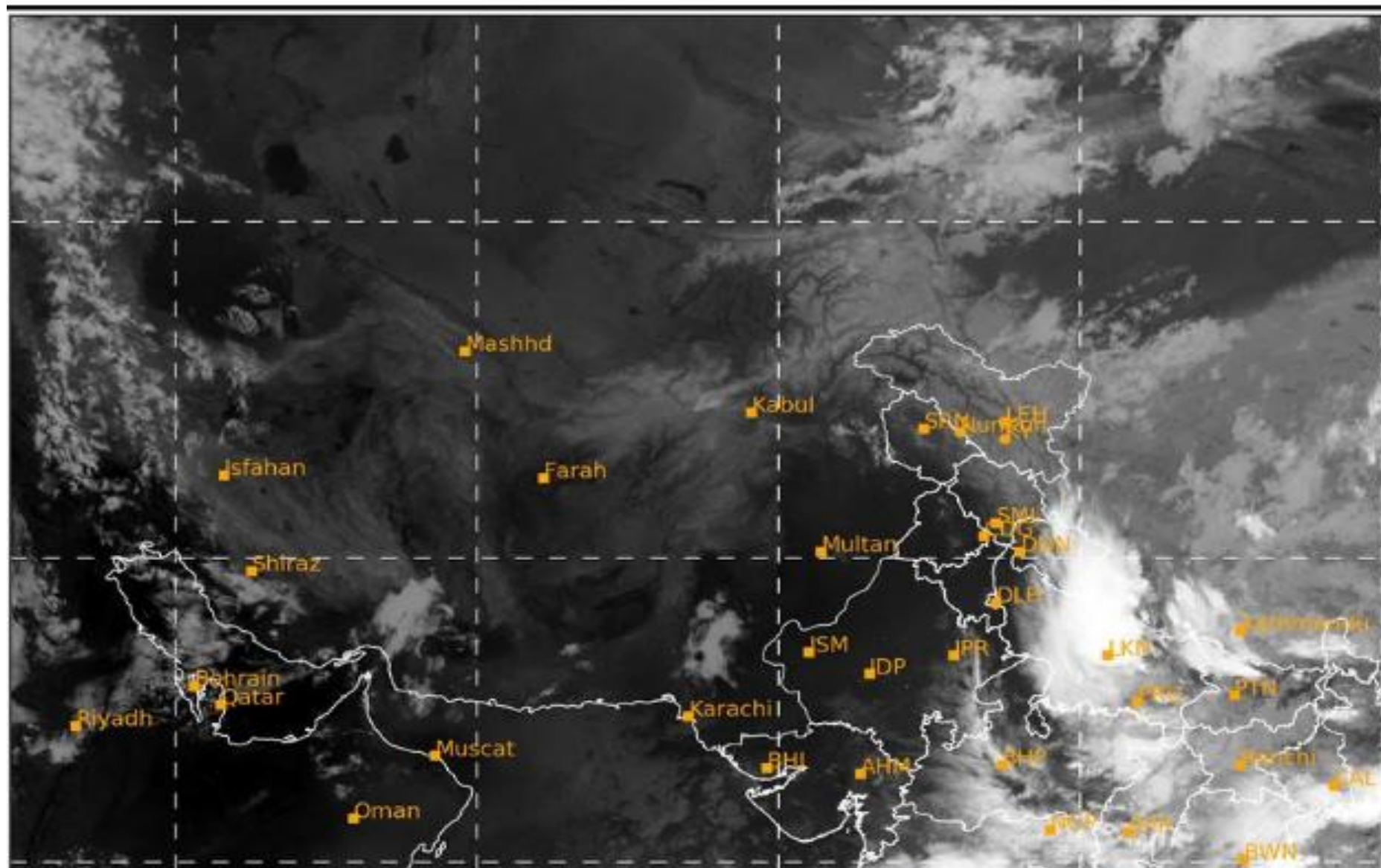
Age of lightning (minutes) 

Fri 08/08/2025, 04:25am GMT+0430



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

07-08-2025/(2244 to 2311) GMT
08-08-2025/(0414 to 0441) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-08-07 23:30(UTC)

