



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



Daily reports of Satellite imagery analysis. Date & Time: 11/08/2025, 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	√ weak	X	X	
3	West	X	✓	X	X	X	√ weak	X	X	
4	East	✓	X	X	✓	X	√ moderate	X	X	
5	central	✓	X	X	X	X	√ weak	X	X	
6	Northeast	✓	X	X	✓	X	√ weak	X	X	
7	Southeast	X	X	X	X	X	√ weak	X	X	
8	Northwest	X	✓	X	X	X	√ weak	X	X	
9	Southwest	X	✓	X	X	X	√ weak	X	X	

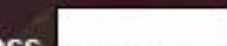
- **Details:** According to satellite imagery analysis, the northern, eastern, central, northeastern, areas have warm air mass (Low UTH). The southern, western, northwestern and southwestern areas have dust. The eastern, northeastern areas have cloudy sky. The all region have weak water vapor with the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

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-08-11 05:00

AirMass



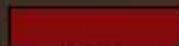
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



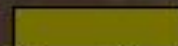
Jet



Cold Airmass



Warm Airmass
(high UTH)

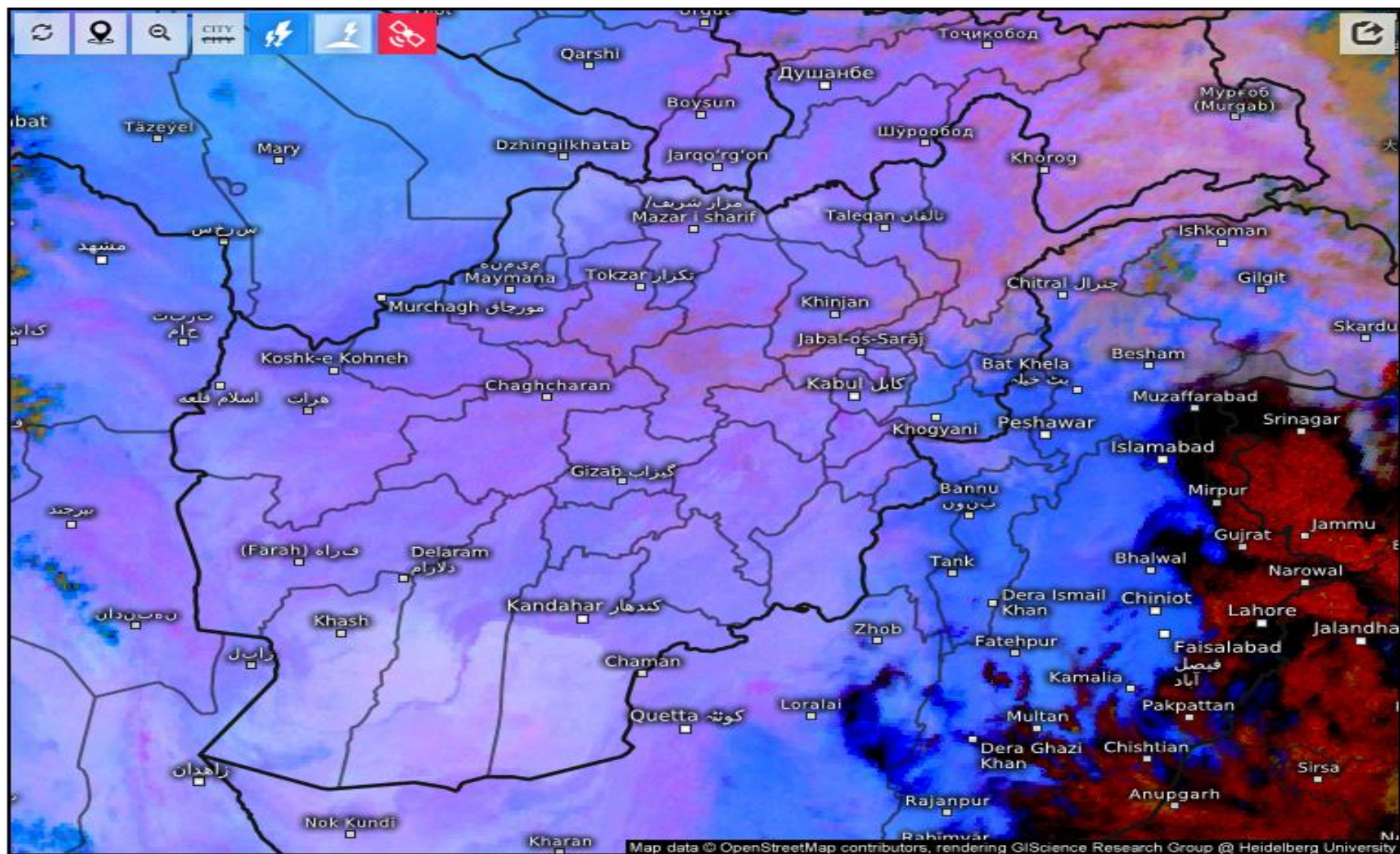


Warm Airmass
(low UTH)

R = WV (6.2)
G = IR (8.5)
B = WV (6.2)

FY-4B AirMass RGB Composite (From WMO)

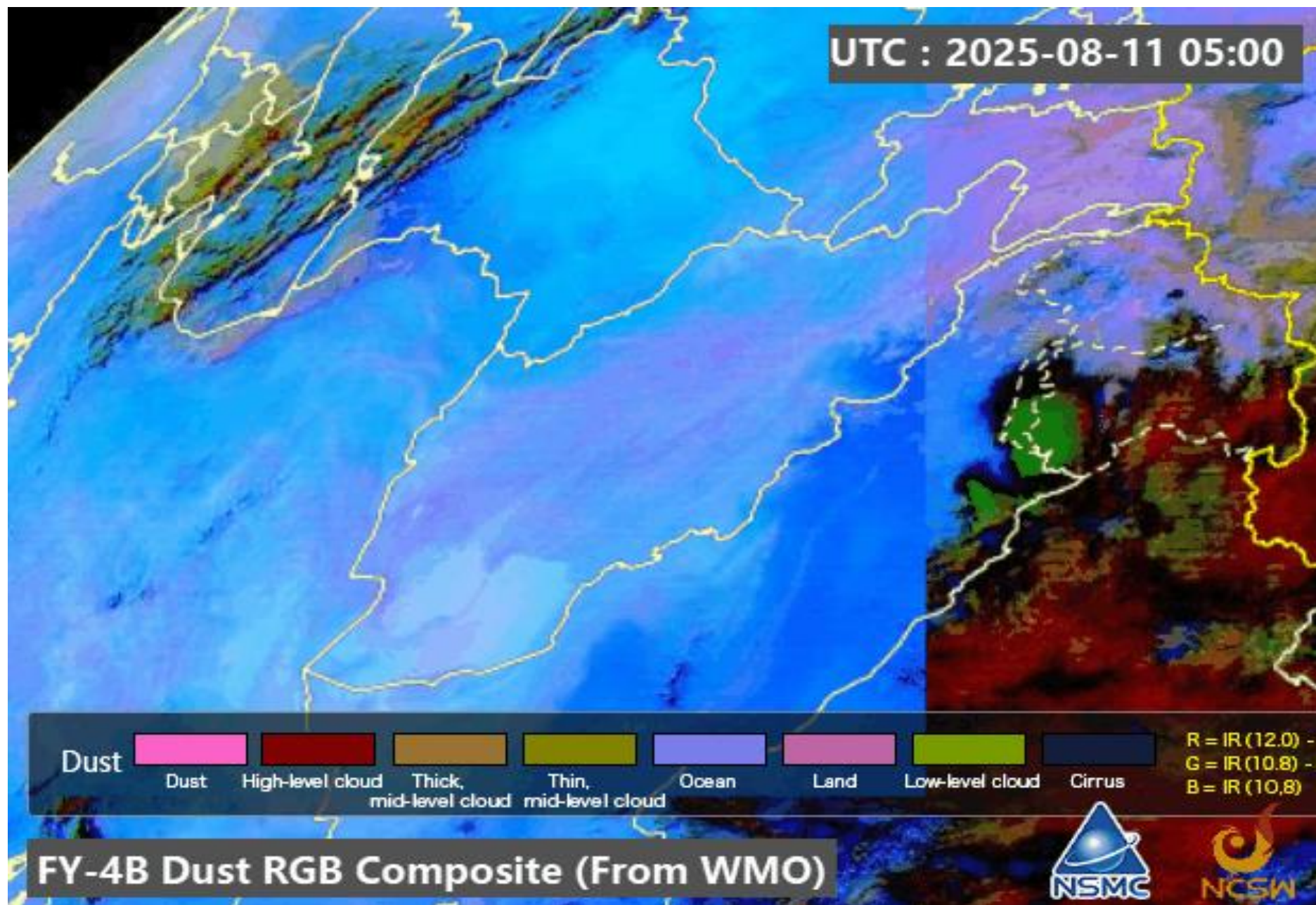


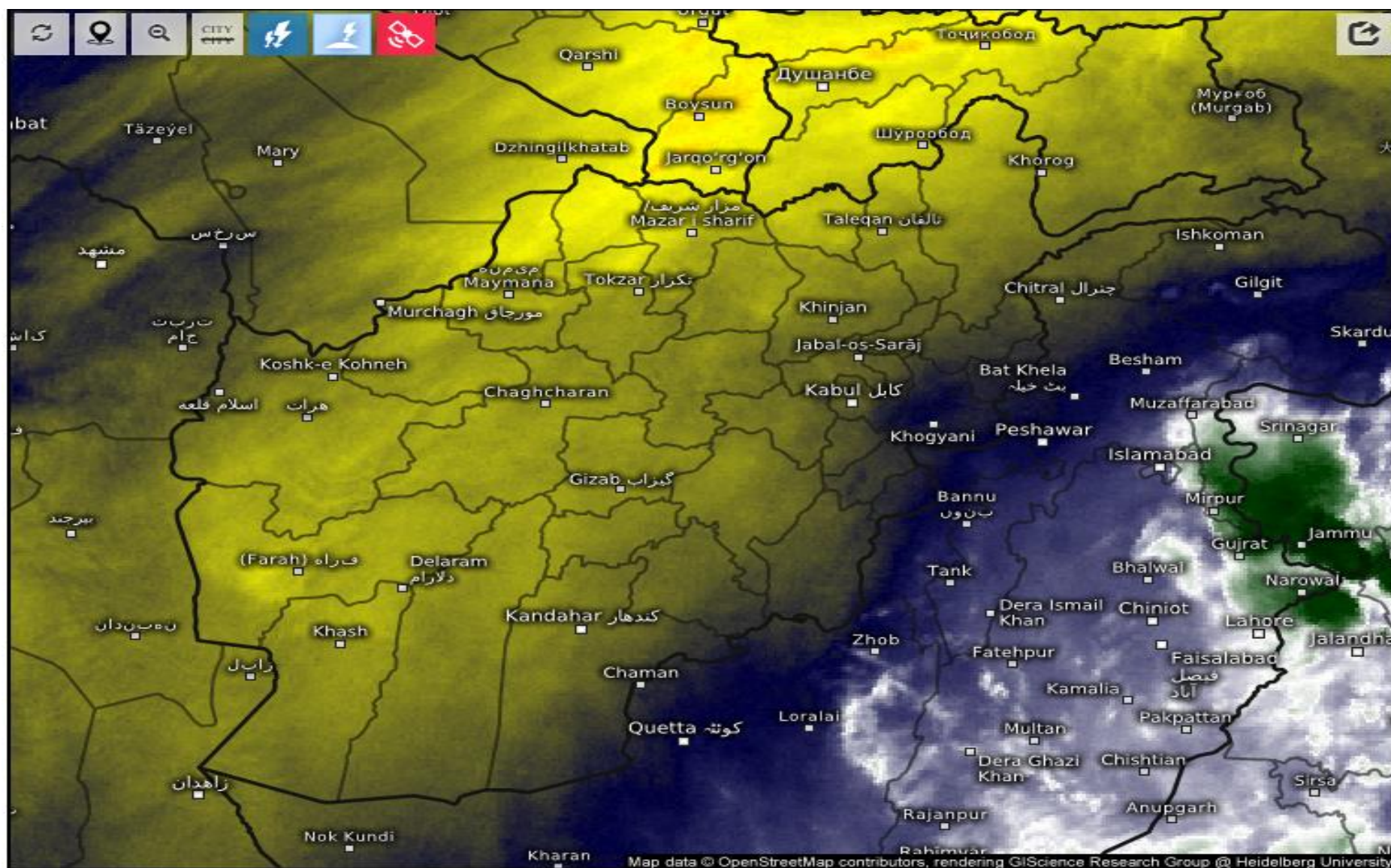


Satellite Dust 

Mon 08/11/2025, 07:00pm GMT+0430

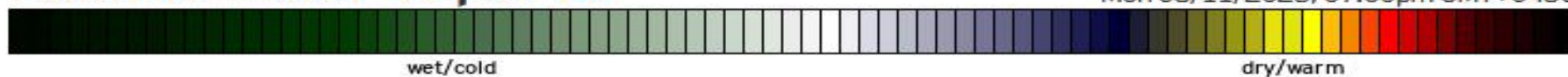
UTC : 2025-08-11 05:00





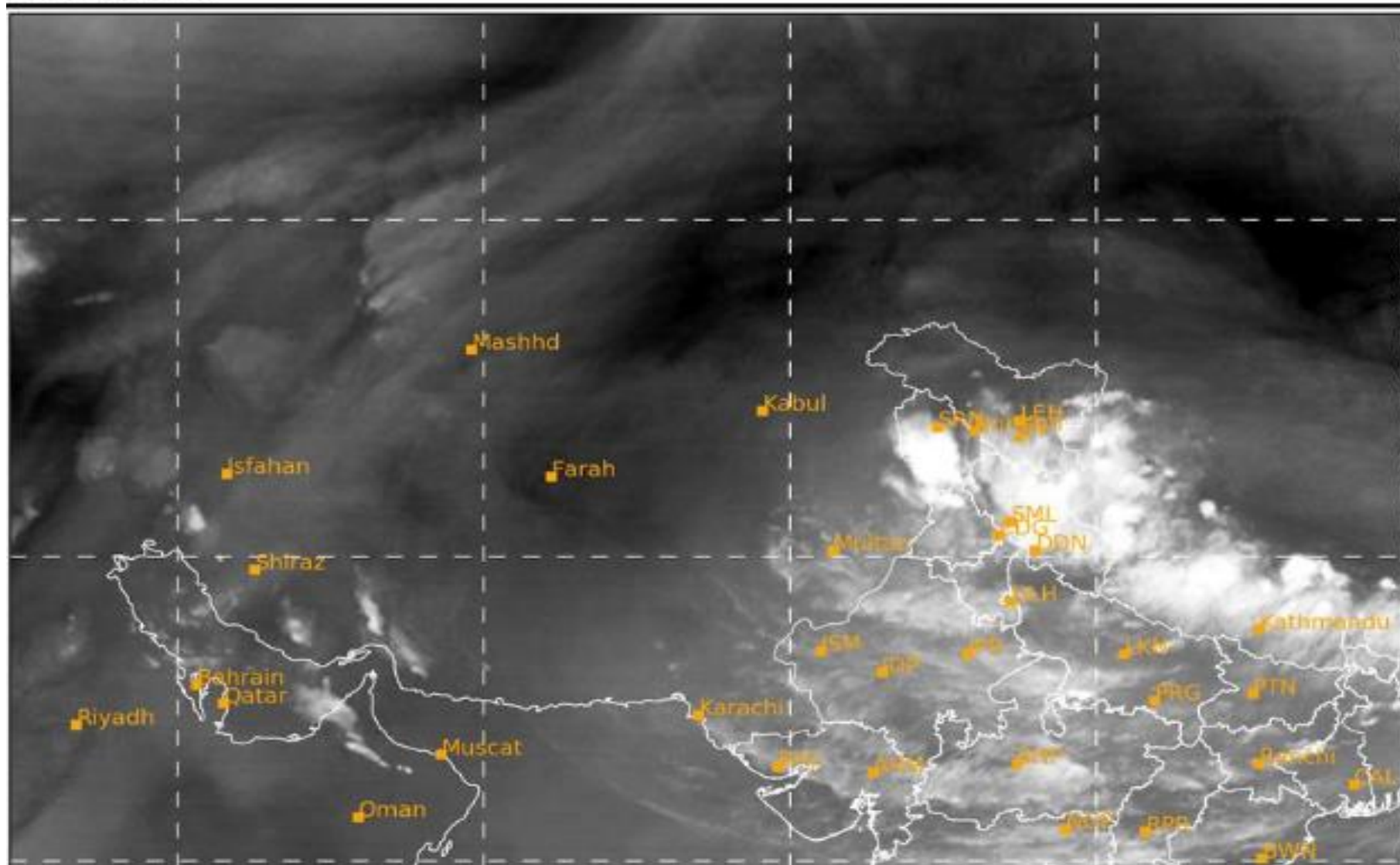
Satellite Water Vapor

Mon 08/11/2025, 07:00pm GMT+0430



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

11-08-2025/(1345 to 1412) GMT
11-08-2025/(1915 to 1942) IST



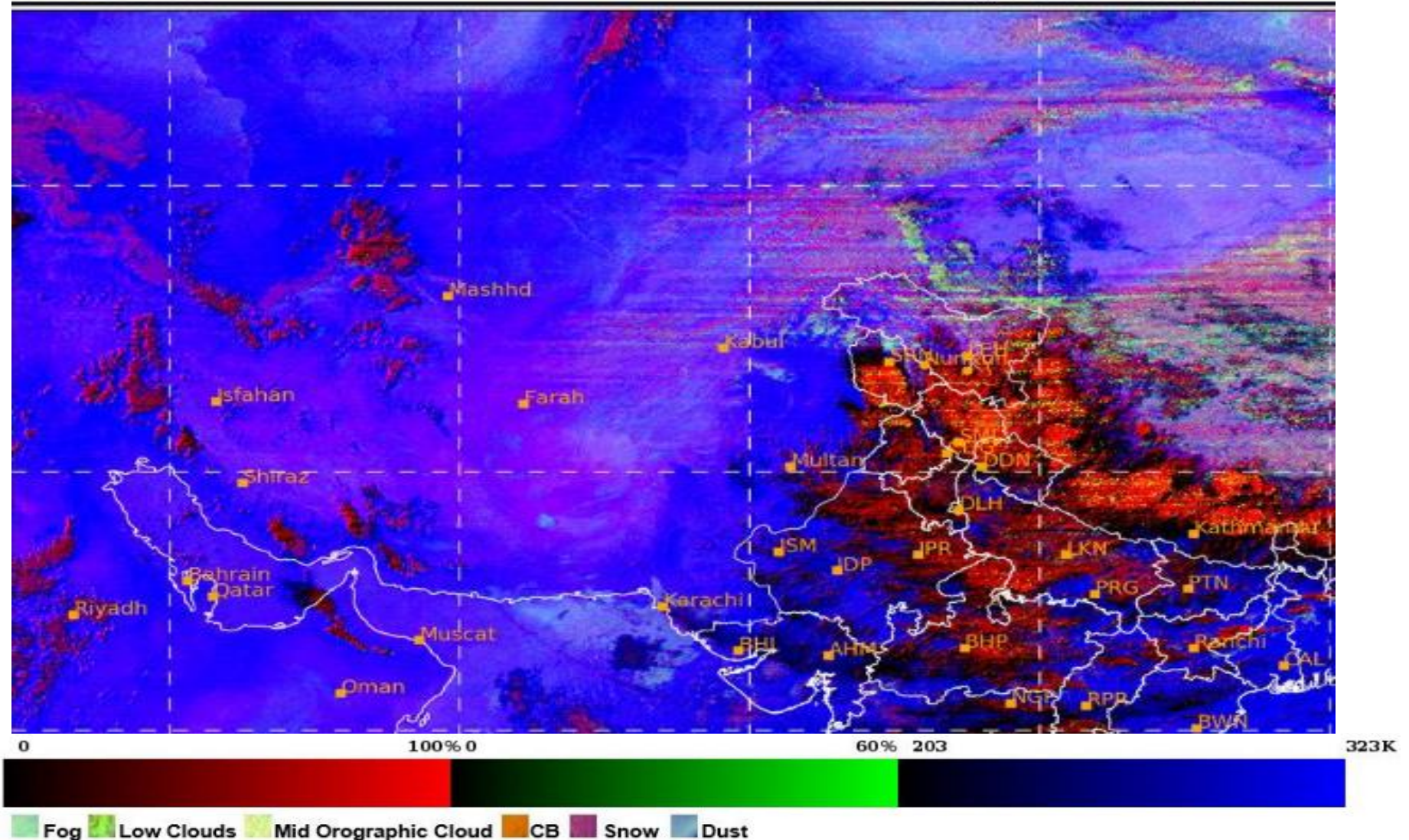
SAT : INSAT-3DR IMG

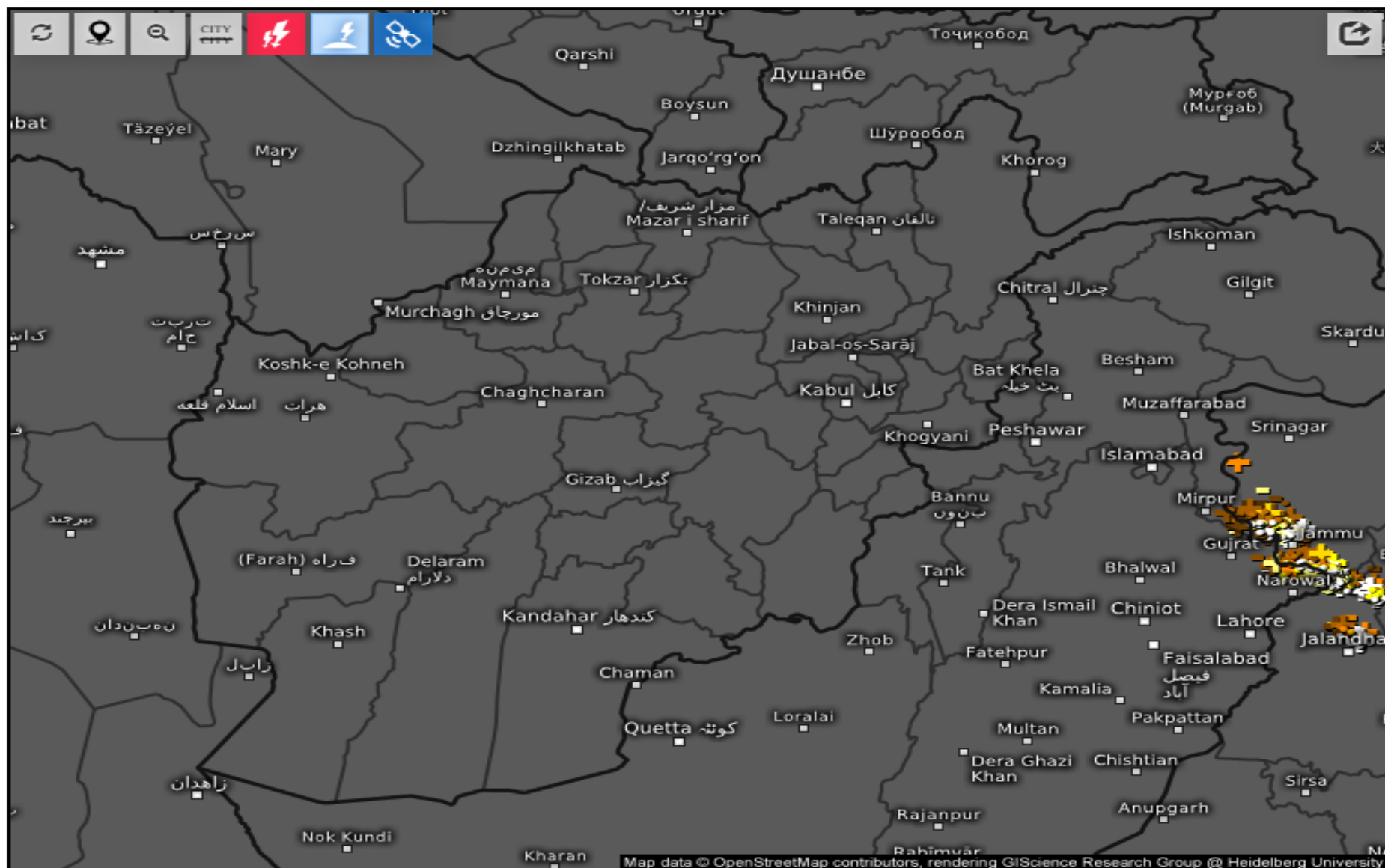
11-08-2025/(1345 to 1412) GMT

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

L1C Mercator

11-08-2025/(1915 to 1942) IST





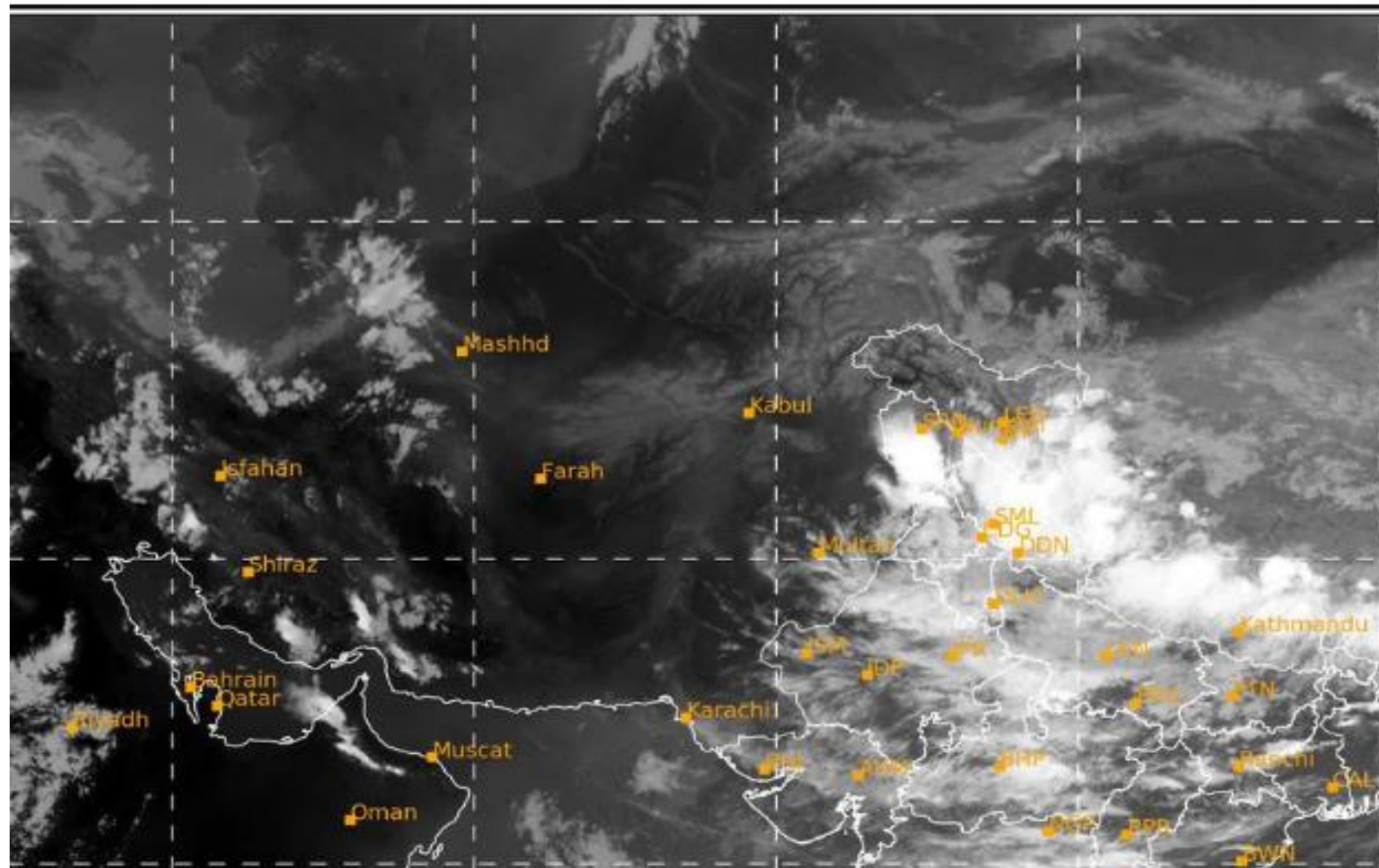
Age of lightning (minutes) 

Mon 08/11/2025, 07:15pm GMT+0430



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

11-08-2025/(1345 to 1412) GMT
11-08-2025/(1915 to 1942) IST



Live satellite map, Afghanistan



