



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



Daily reports of Satellite imagery analysis. Date & Time: 08/09/2025, 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	√ dry	X	X	
2	South	✓	✓	X	X	X	√ dry	X	X	
3	West	✓	✓	X	X	X	√ dry	X	X	
4	East	X	X	✓	✓	X	√ dry	X	X	
5	central	✓	X	X	✓	X	√ dry	X	X	
6	Northeast	✓	X	X	X	X	√ dry	X	X	
7	Southeast	X	X	X	✓	X	√ moderate	X	X	
8	Northwest	✓	X	X	X	X	√ dry	X	X	
9	Southwest	✓	✓	X	X	X	√ dry	X	X	

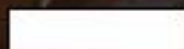
- Details:** According to satellite imagery analysis, the northern, southern, western, central, northeastern, southwestern, and northwestern areas have warm air mass (Low UTH). The southern, western and southwestern areas have dust. The eastern areas have lightning. The eastern, central, southeastern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

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

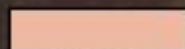
- Reported by: Esmatullah Mohammadi

UTC : 2025-09-08 05:00

AirMass

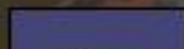


Thick,
high-level cloud



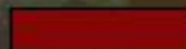
Thick,

mid-level cloud



Thick,

low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)

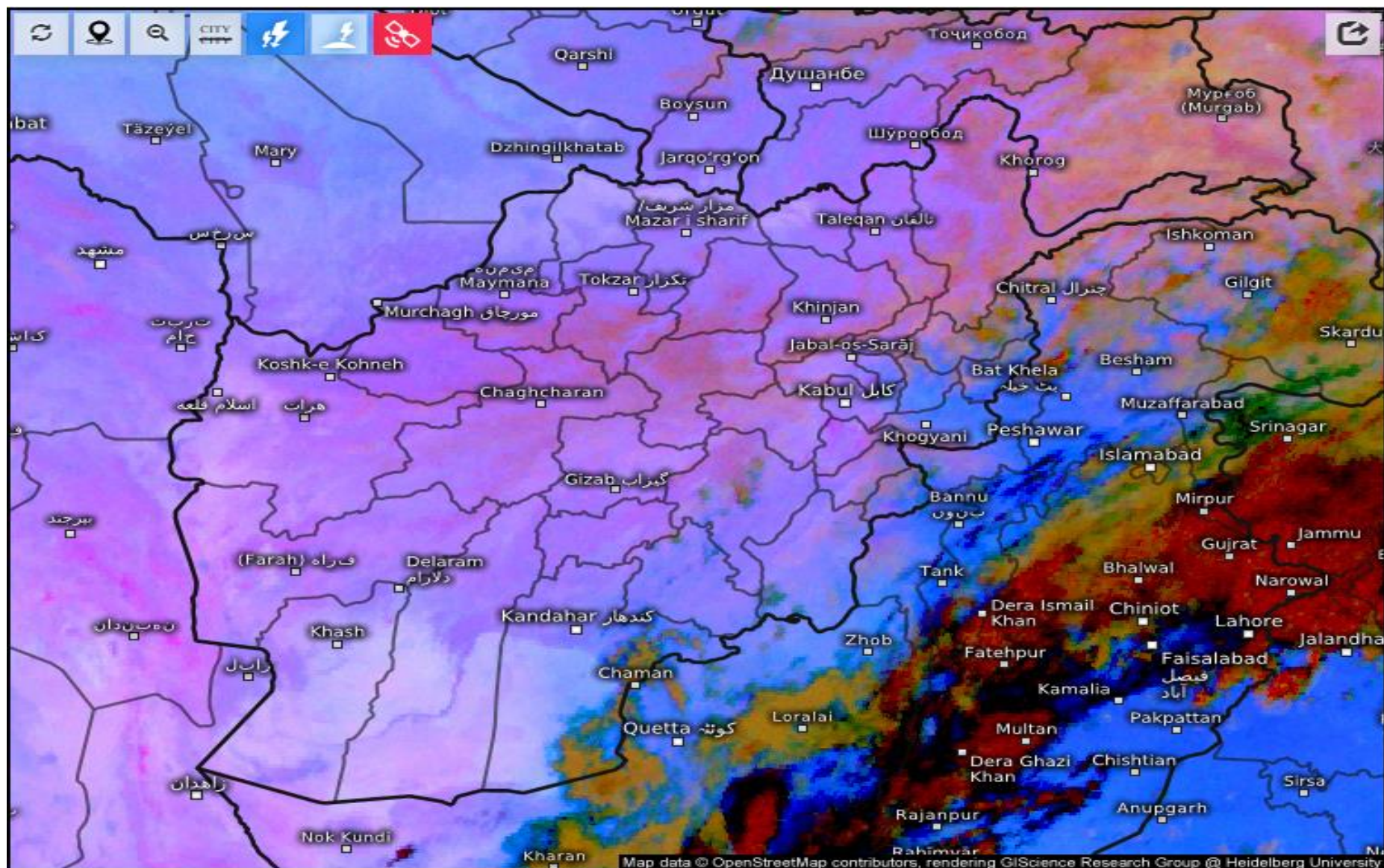


Warm Airmass
(low UTH)

R = W
G = IR
B = W

FY-4B AirMass RGB Composite (From WMO)



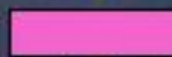


Satellite Dust 

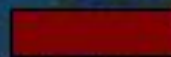
Mon 09/08/2025, 07:00pm GMT+0430

UTC : 2025-09-08 05:00

Dust



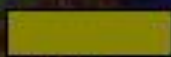
Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



Low-level cloud



Cirrus

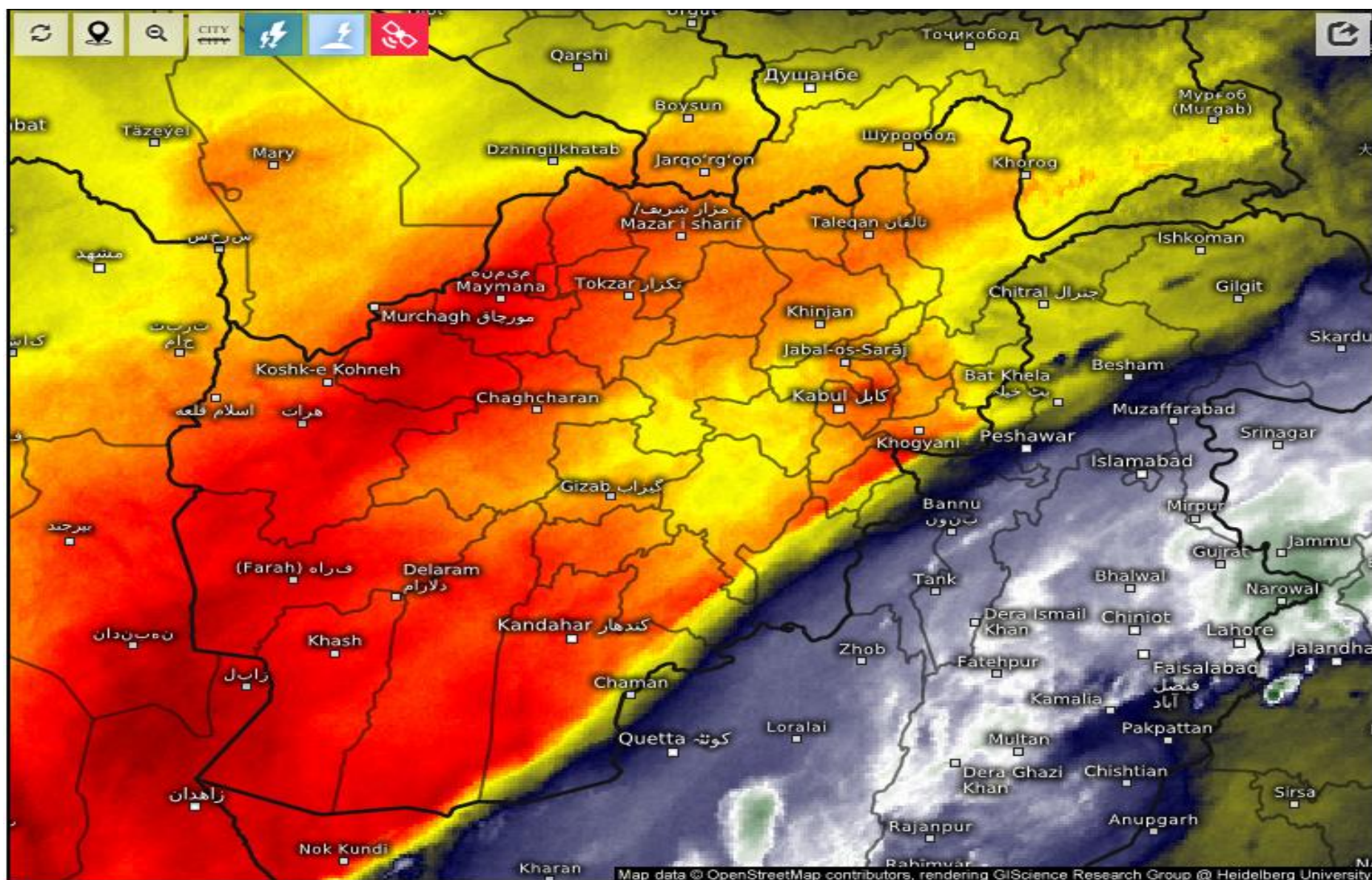
R = IR (12)

G = IR (10)

B = IR (10)

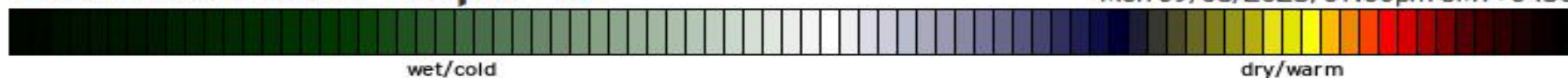
FY-4B Dust RGB Composite (From WMO)





Satellite Water Vapor

Mon 09/08/2025, 07:00pm GMT+0430



SAT : INSAT-3DR IMG

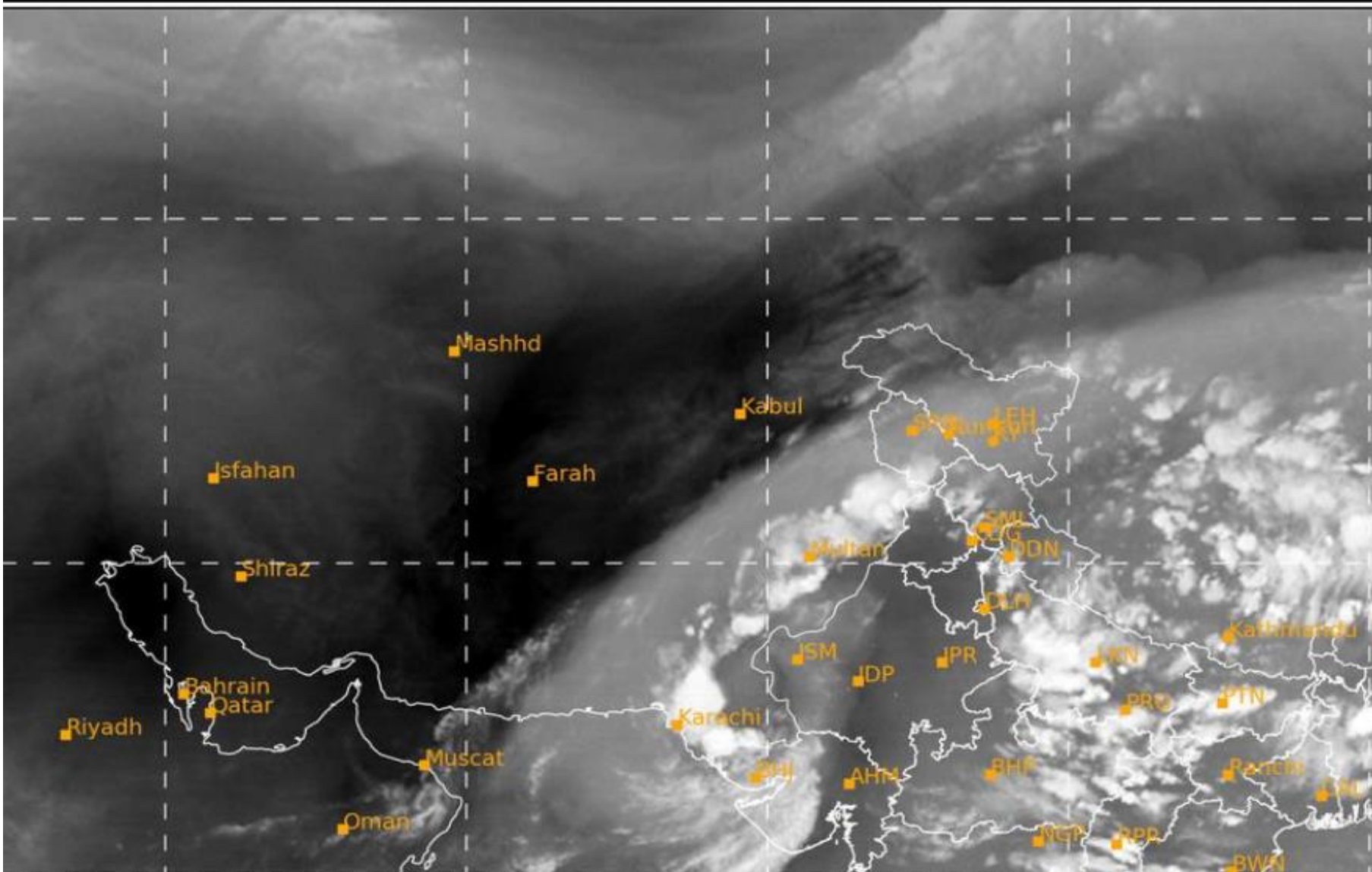


IMG_WV 6.8 um

L1C Mercator

08-09-2025/(1045 to 1112) GMT

08-09-2025/(1615 to 1642) IST



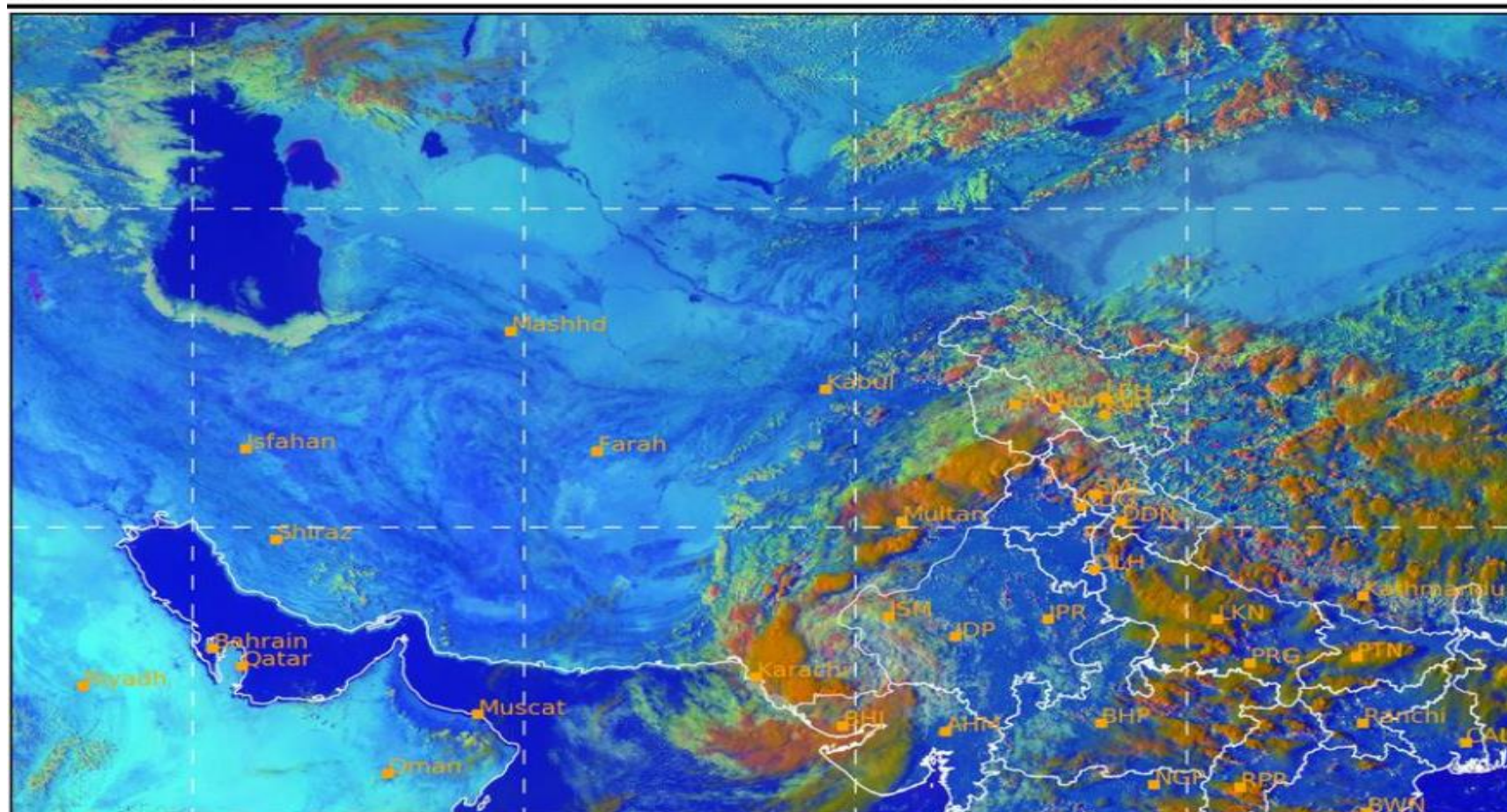
SAT : INSAT-3DR IMG

08-09-2025/(1045 to 1112) GMT

Day Microphysics: VIS_REFL (R), SWIR_REFL (G), TIR1_BT (B)

L1C Mercator

08-09-2025/(1615 to 1642) IST



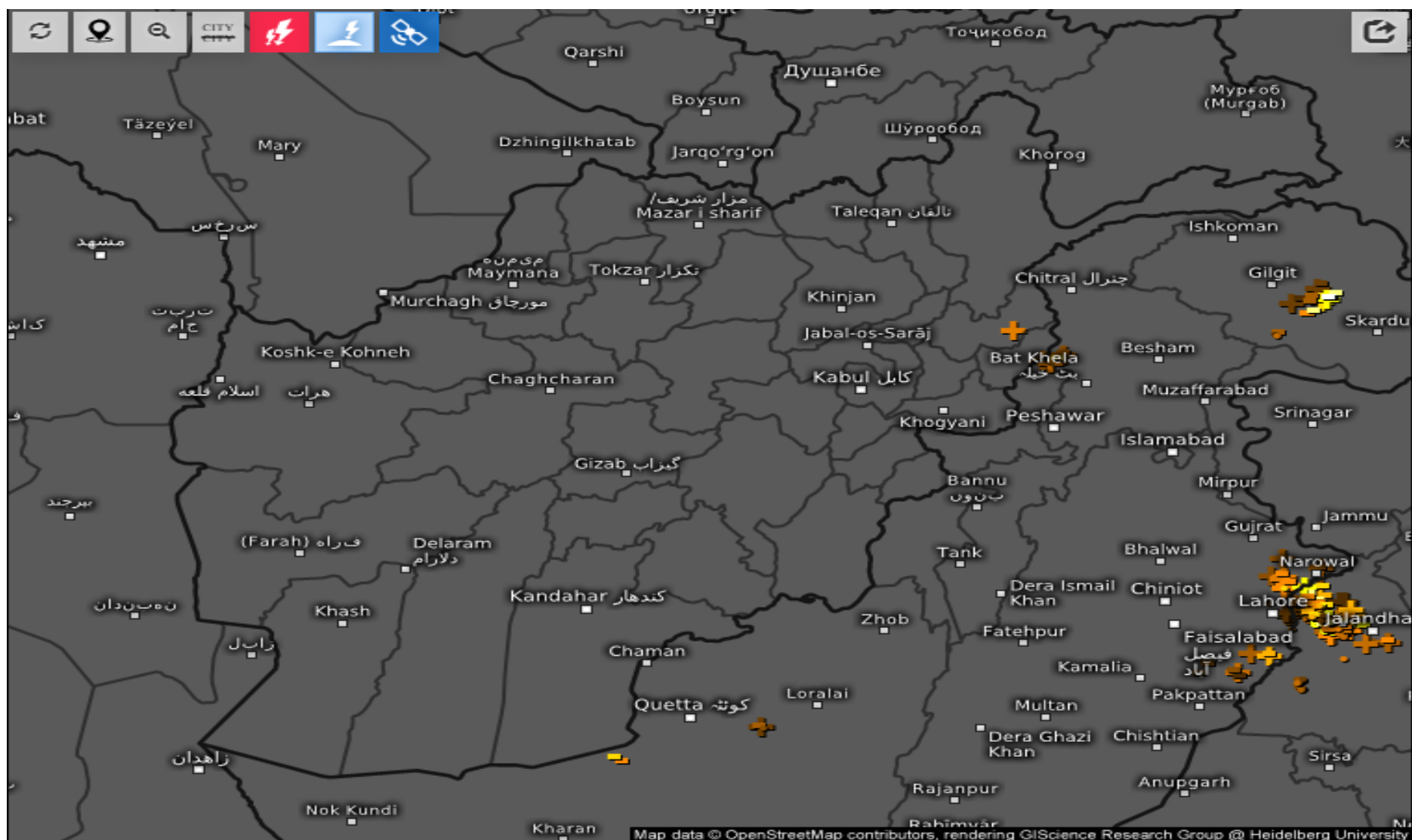
0

100% 0

60% 203

323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust



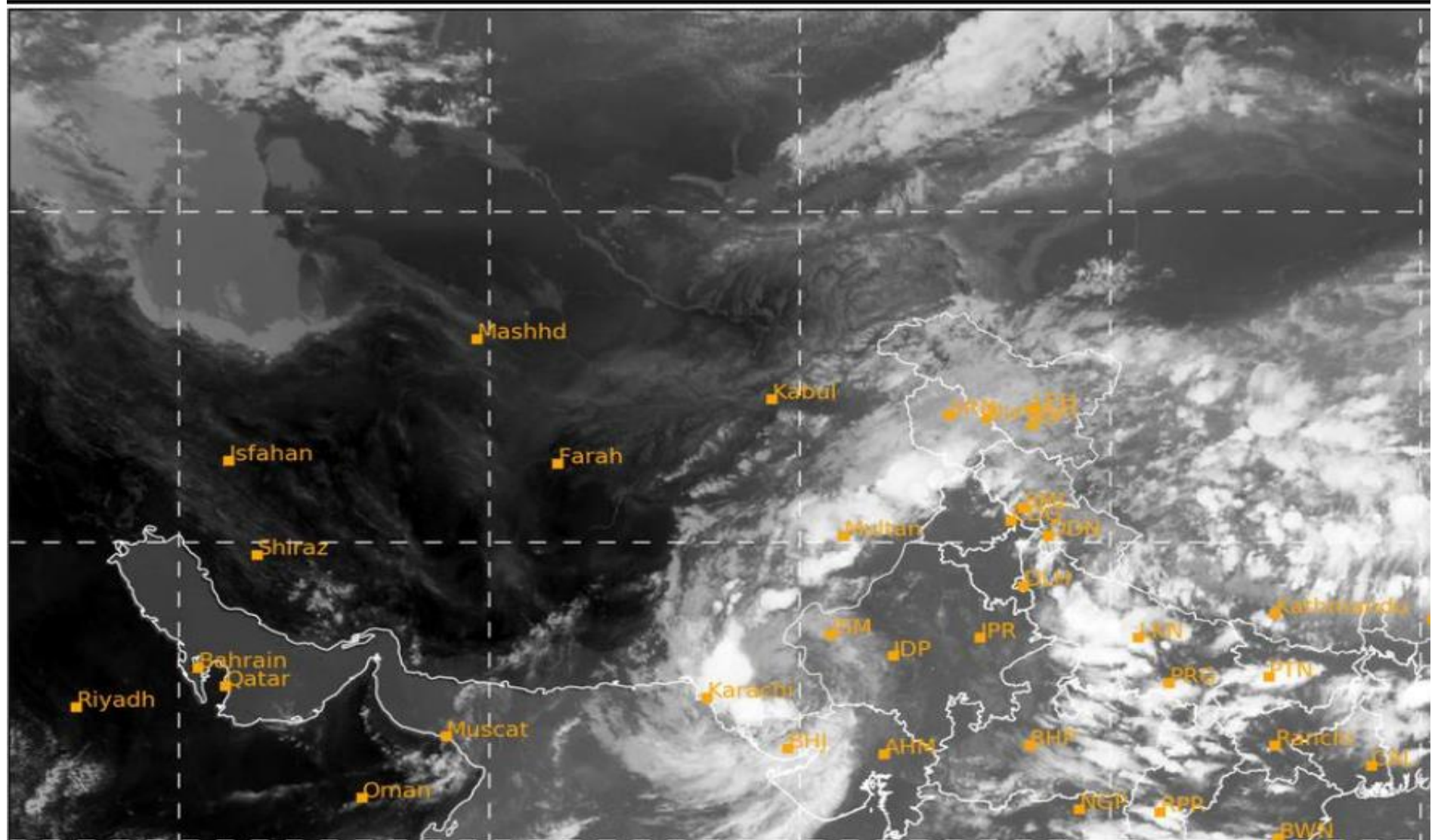
Age of lightning (minutes) 

Mon 09/08/2025, 07:10pm GMT+0430



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

08-09-2025/(1045 to 1112) GMT
08-09-2025/(1615 to 1642) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-09-08 14:15(UTC)

