



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



Daily reports of Satellite imagery analysis. Date & Time: 04/07/2025, 15:00 UTC, Number of reports: 1088

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	√ moderate	X	X	
3	West	✓	✓	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	X	X	√ dry	X	X	
7	Southeast	✓	X	X	✓	X	√ dry	X	X	
8	Northwest	✓	✓	X	X	X	√ dry	X	X	
9	Southwest	✓	✓	X	✓	X	√ moderate	X	X	

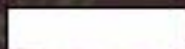
- Details:** According to satellite imagery analysis, the western, eastern, central, southwestern, northwestern areas have warm air mass (High UTH). The southern and southeastern areas have cold air mass. The western, northwestern and southwestern areas have dust. The eastern, southern, southeastern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

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

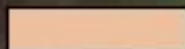
- Reported by: Esmatullah Mohammadi

UTC : 2025-07-04 05:00

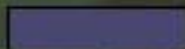
AirMass



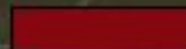
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)

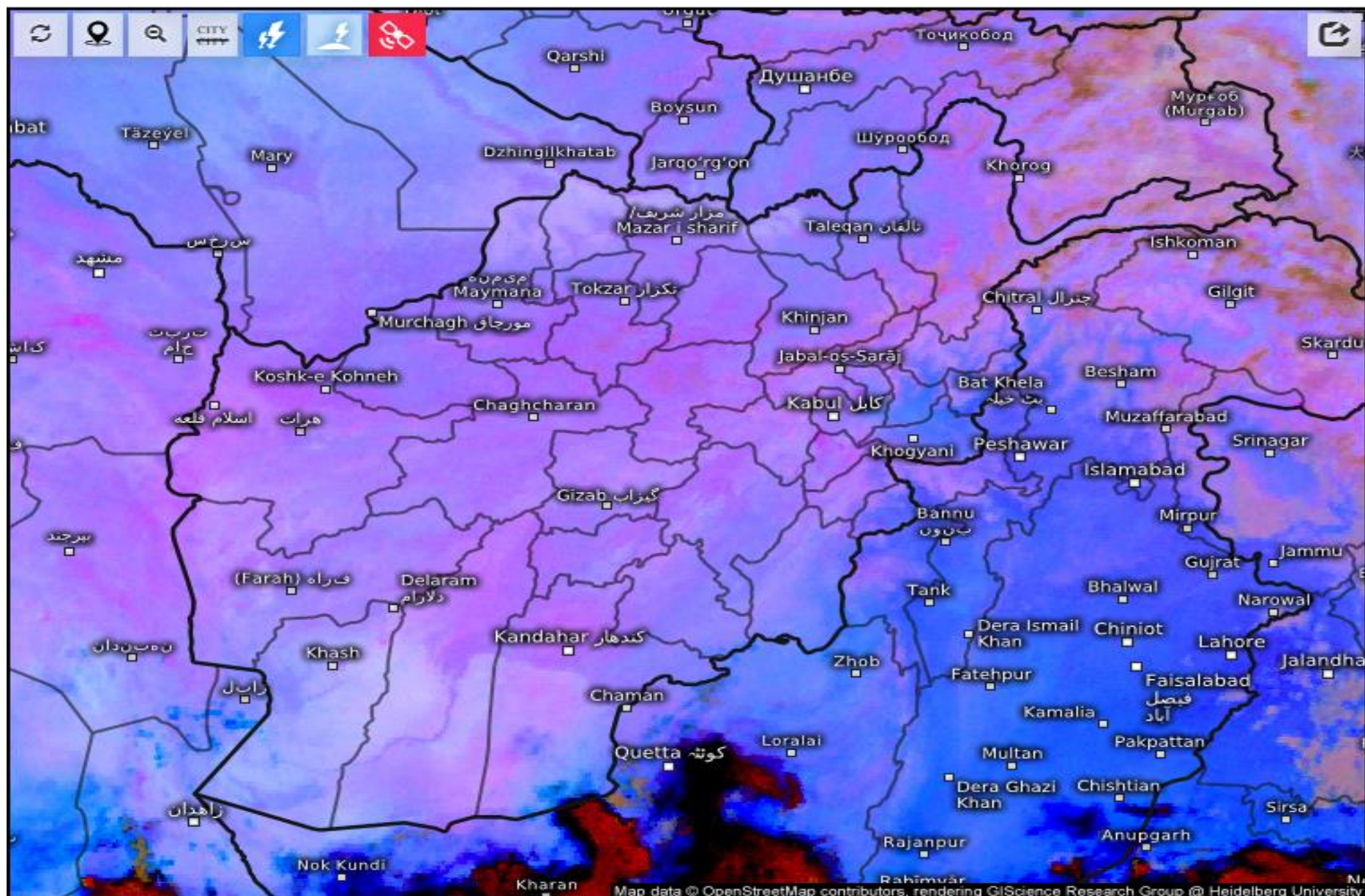


Warm Airmass
(low UTH)

R =
G =
B =

FY-4B AirMass RGB Composite (From WMO)





UTC : 2025-07-04 05:00

Dust



Dust



High-level cloud



Thick,
mid-level cloud



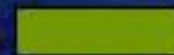
Thin,
mid-level cloud



Ocean



Land



Low-level cloud



Cirrus

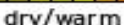
R = IR (10.4)
G = IR (10.4)
B = IR (10.4)

FY-4B Dust RGB Composite (From WMO)



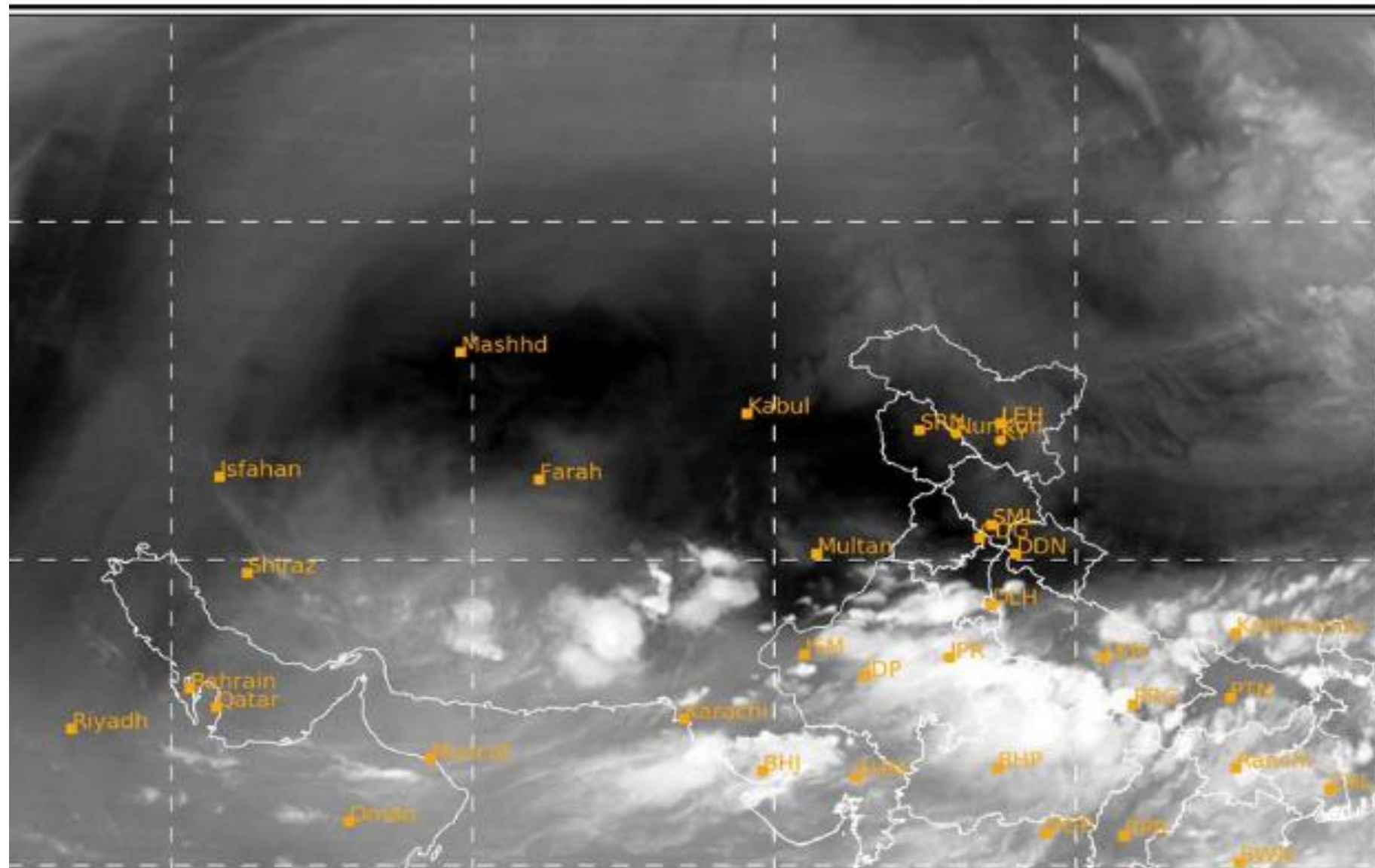


Fri 07/04/2025, 07:00pm GMT+0430



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

04-07-2025/(1315 to 1342) GMT
04-07-2025/(1845 to 1912) IST



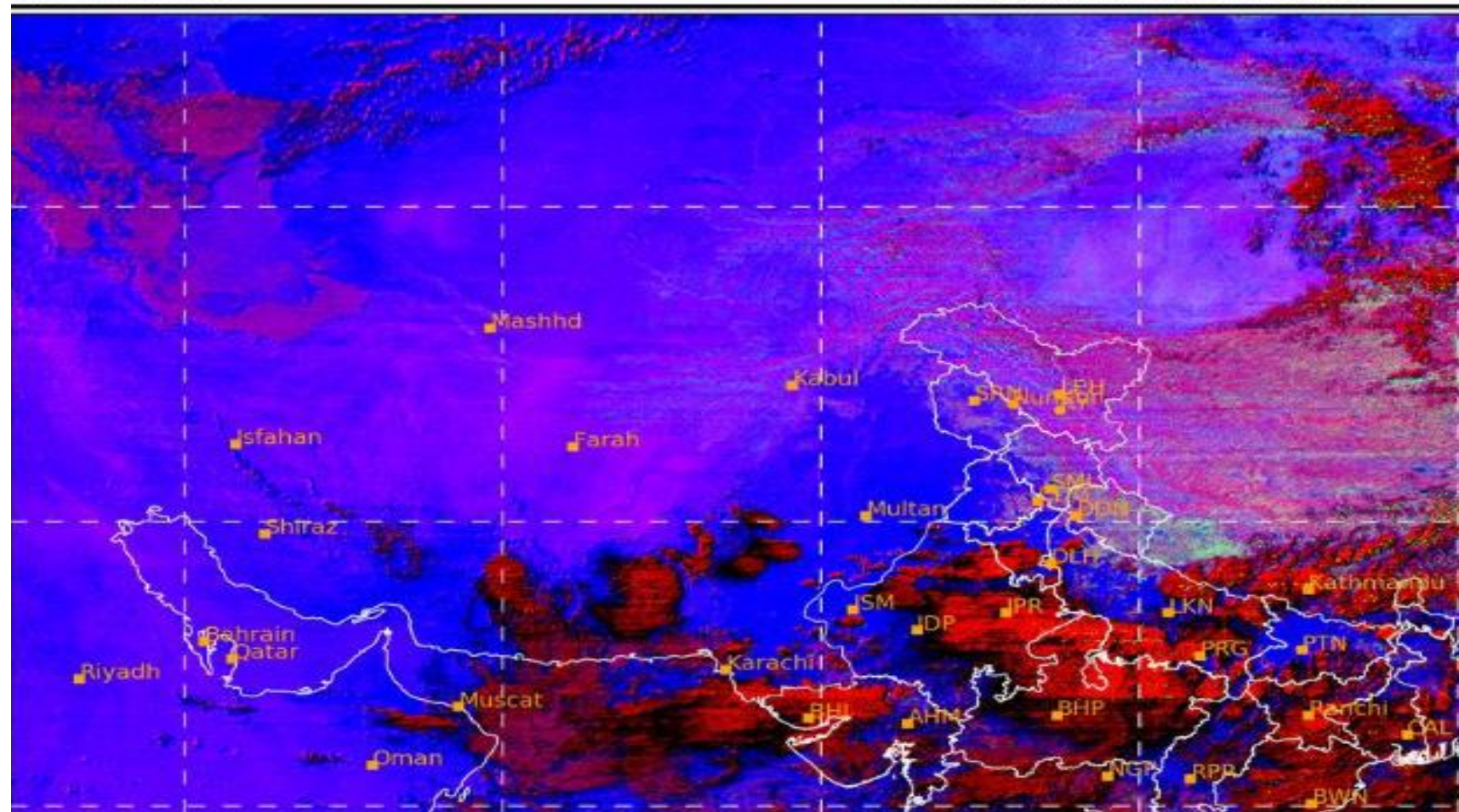
SAT : INSAT-3DR IMG

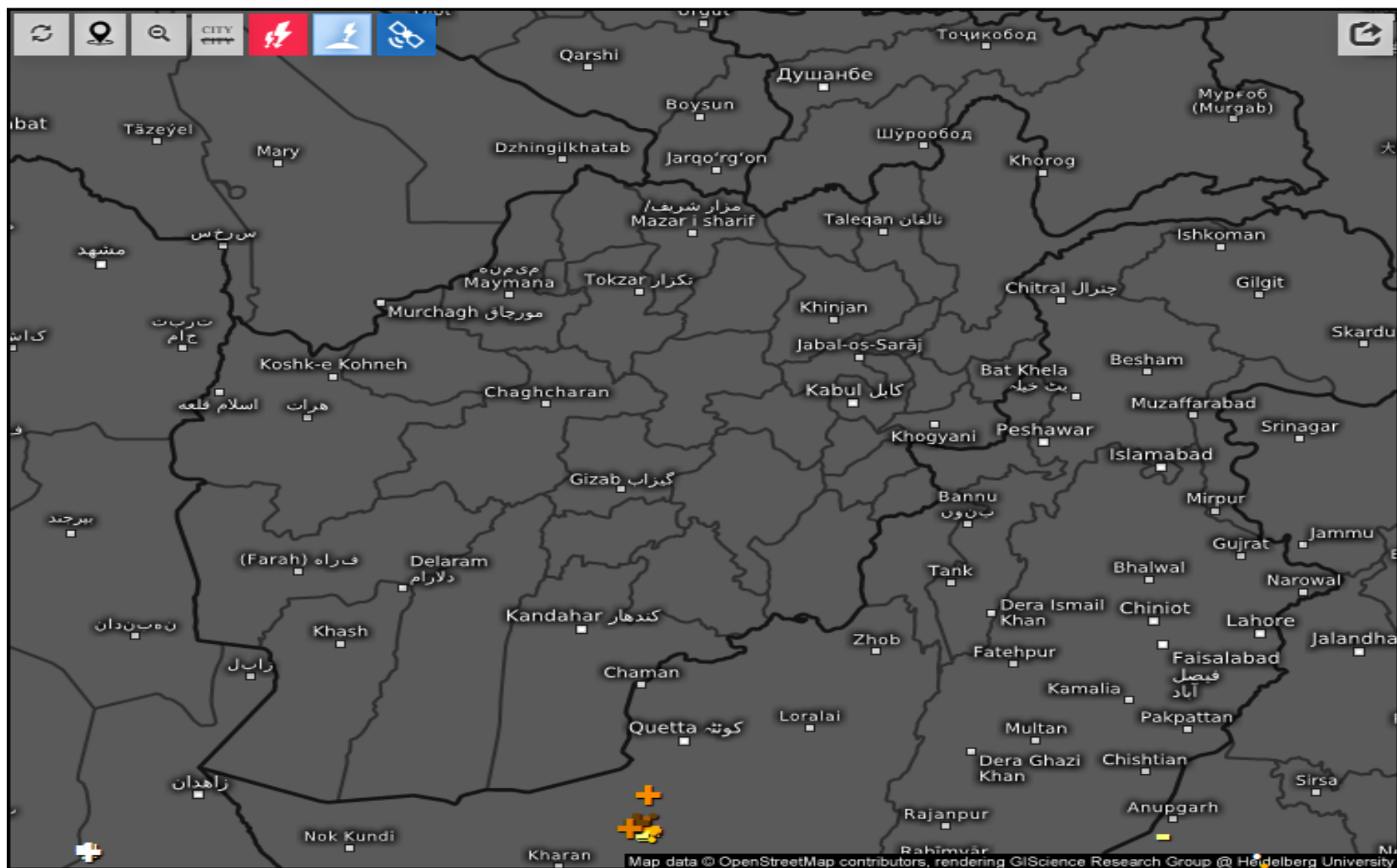
04-07-2025/(1315 to 1342) GMT

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

L1C Mercator

04-07-2025/(1845 to 1912) IST





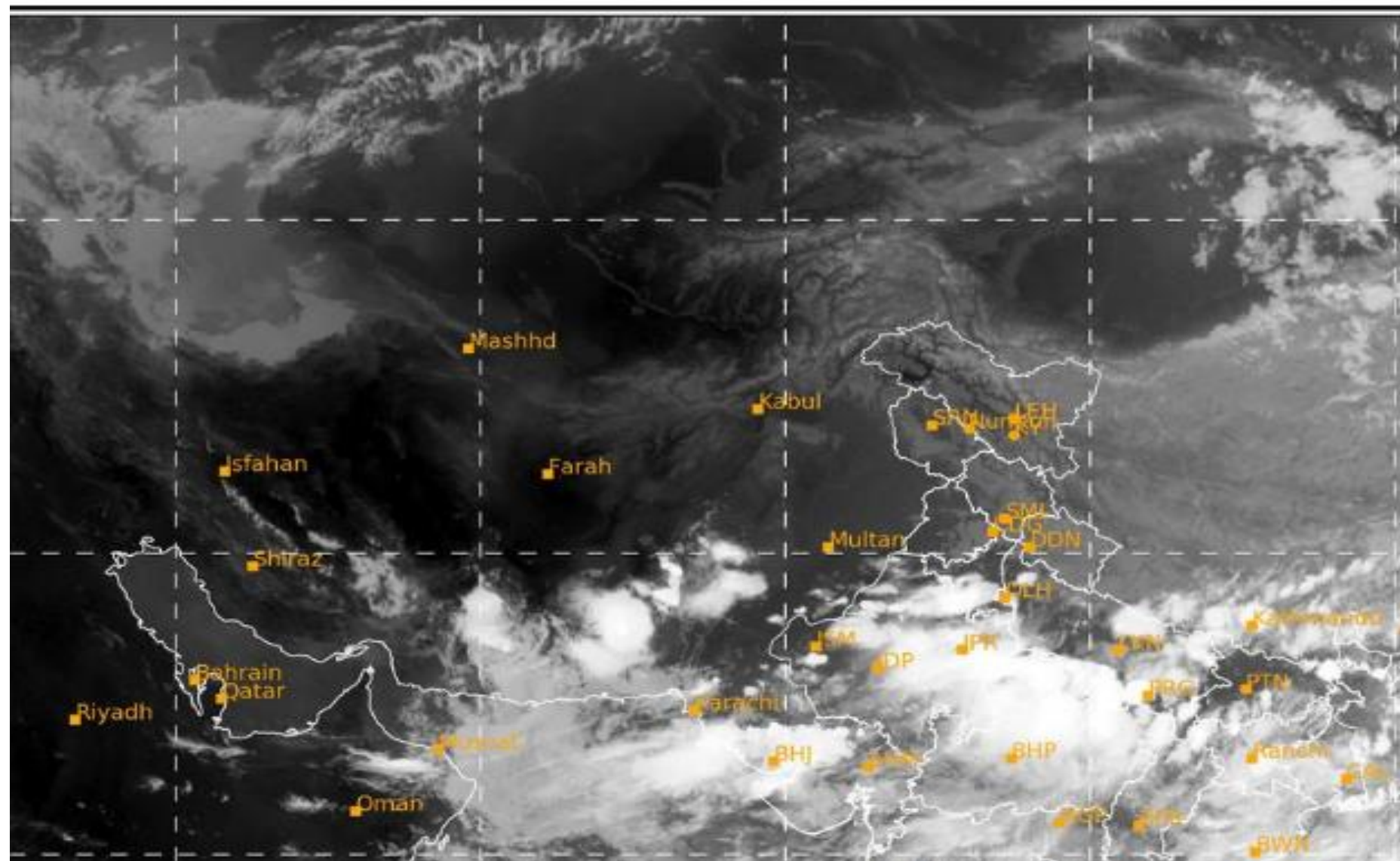
Age of lightning (minutes) 

Fri 07/04/2025, 07:10pm GMT+0430



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

04-07-2025/(1315 to 1342) GMT
04-07-2025/(1845 to 1912) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-07-04 14:15(UTC)

