



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



Satellite General Management

Daily reports of Satellite imagery analysis. Date & Time: 13/10/2025, 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	√ moderate	X	X	
2	South	✓	✓	X	X	X	√ dry	X	X	
3	West	✓	✓	X	X	X	√ weak	X	X	
4	East	✓	X	X	X	X	√ moderate	X	X	
5	central	✓	X	X	X	X	√ moderate	X	X	
6	Northeast	✓	X	X	X	X	√ moderate	X	X	
7	Southeast	✓	✓	X	X	X	√ weak	X	X	
8	Northwest	✓	✓	X	X	X	√ weak	X	X	
9	Southwest	✓	✓	X	X	X	√ dry	X	X	

- Details:** According to satellite imagery analysis, the northern, northeastern and northwestern areas have cold air mass. The southern, western, eastern, central, southeastern, southwestern areas have warm air mass with (high UTH). The southern, western, southeastern, southwestern and northwestern areas have dust. The western, eastern, southeastern and northwestern areas have weak water. The southern, southwestern areas have dry water vapor. The northern, eastern, central, northeastern areas are moderate.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-10-13 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)

FY-4B AirMass RGB Composite (From WMO)

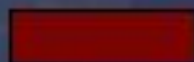


UTC : 2025-10-13 05:00

Dust



Dust



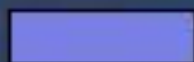
High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



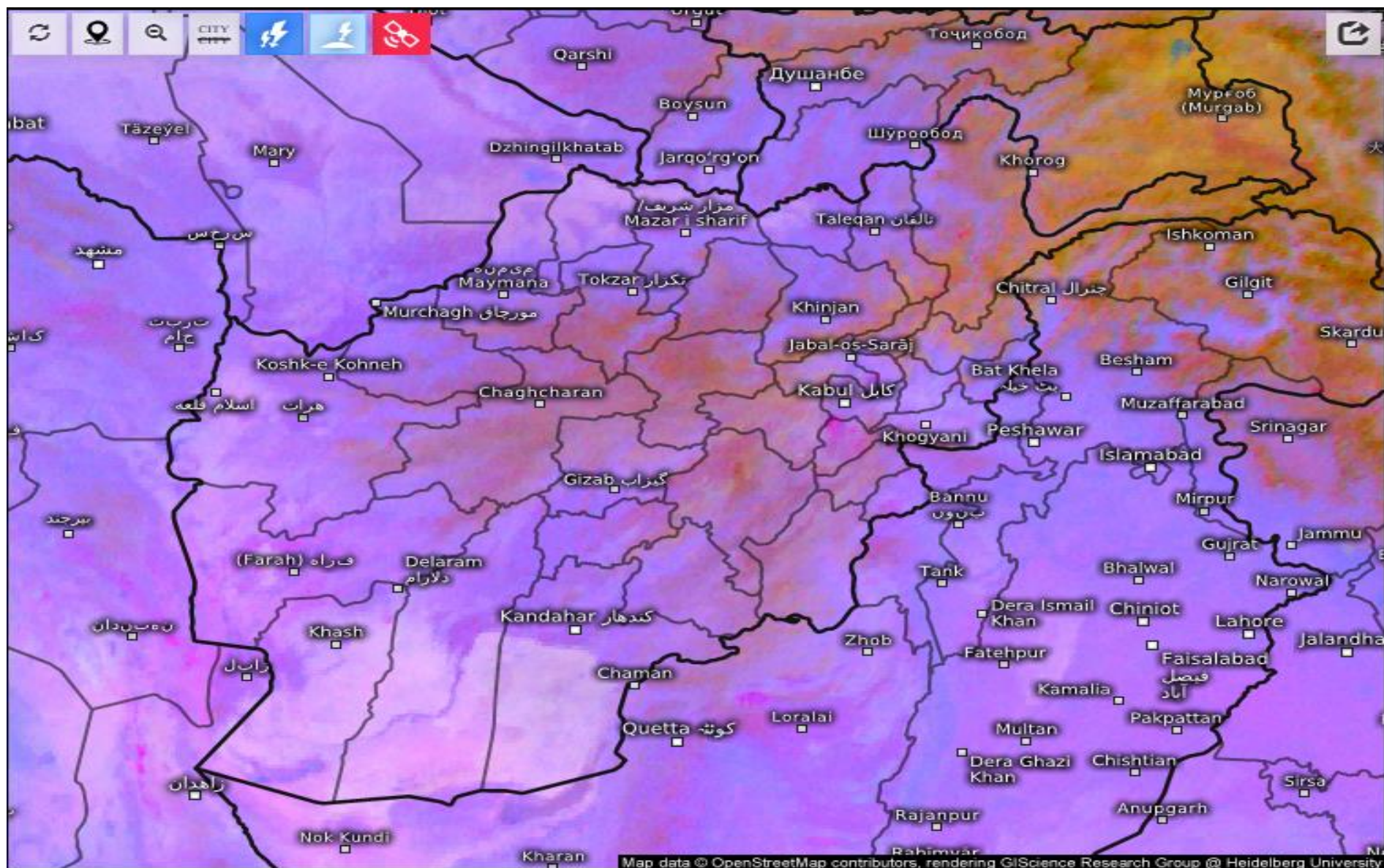
Low-level cloud



Cirrus

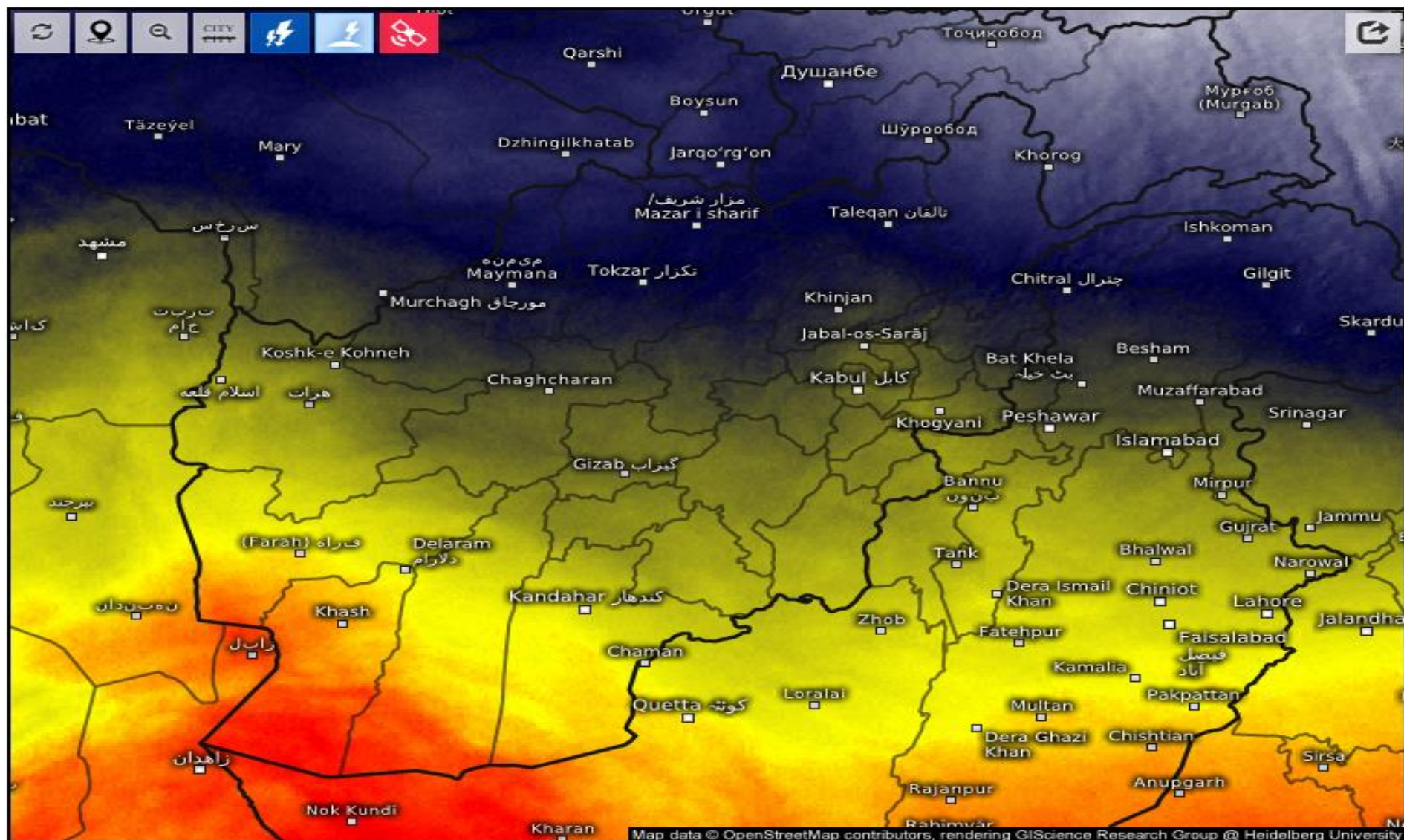
FY-4B Dust RGB Composite (From WMO)





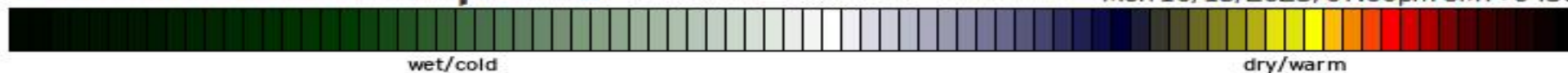
Satellite Dust 

Mon 10/13/2025, 07:00pm GMT+0430



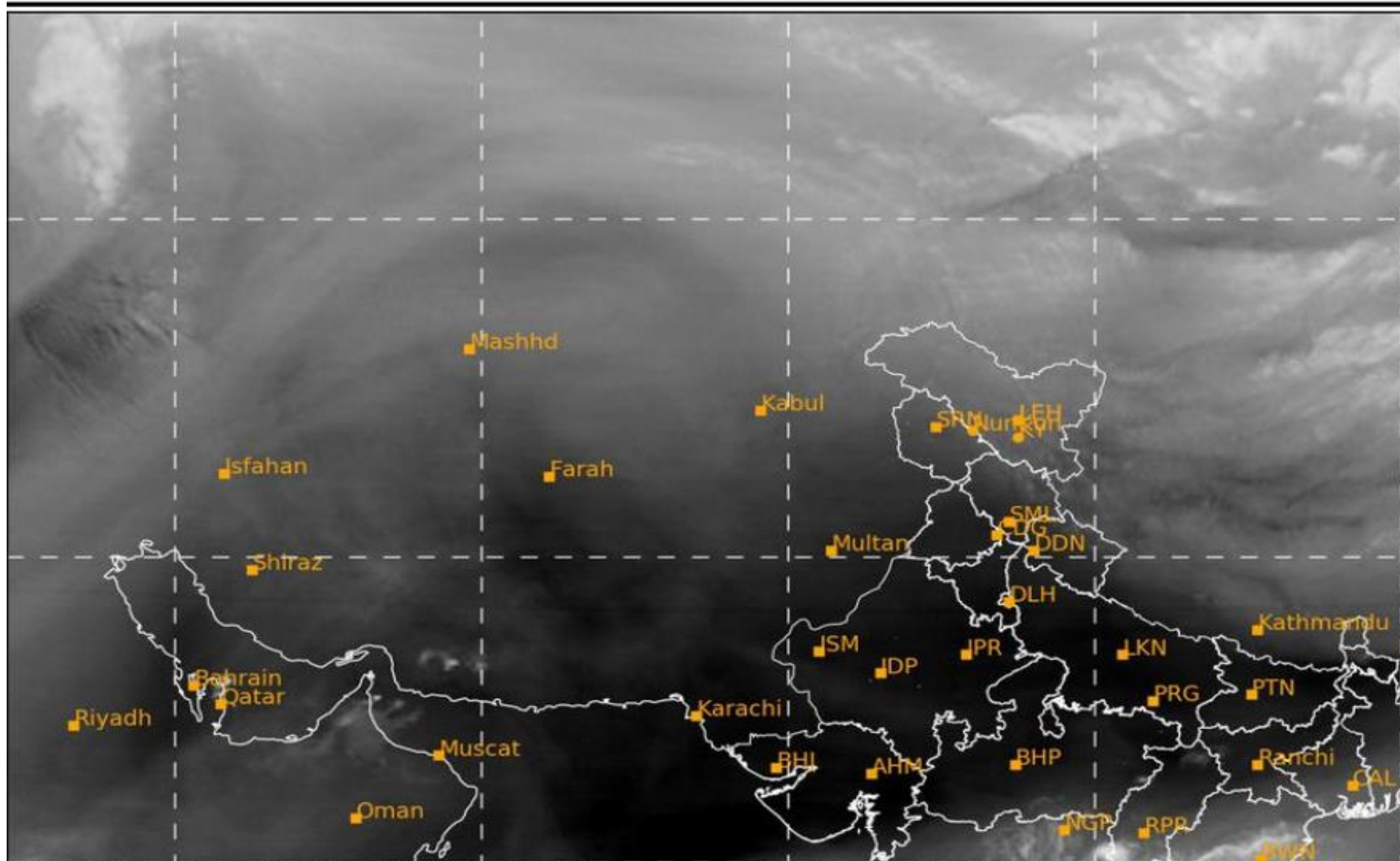
Satellite Water Vapor

Mon 10/13/2025, 07:00pm GMT+0430



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

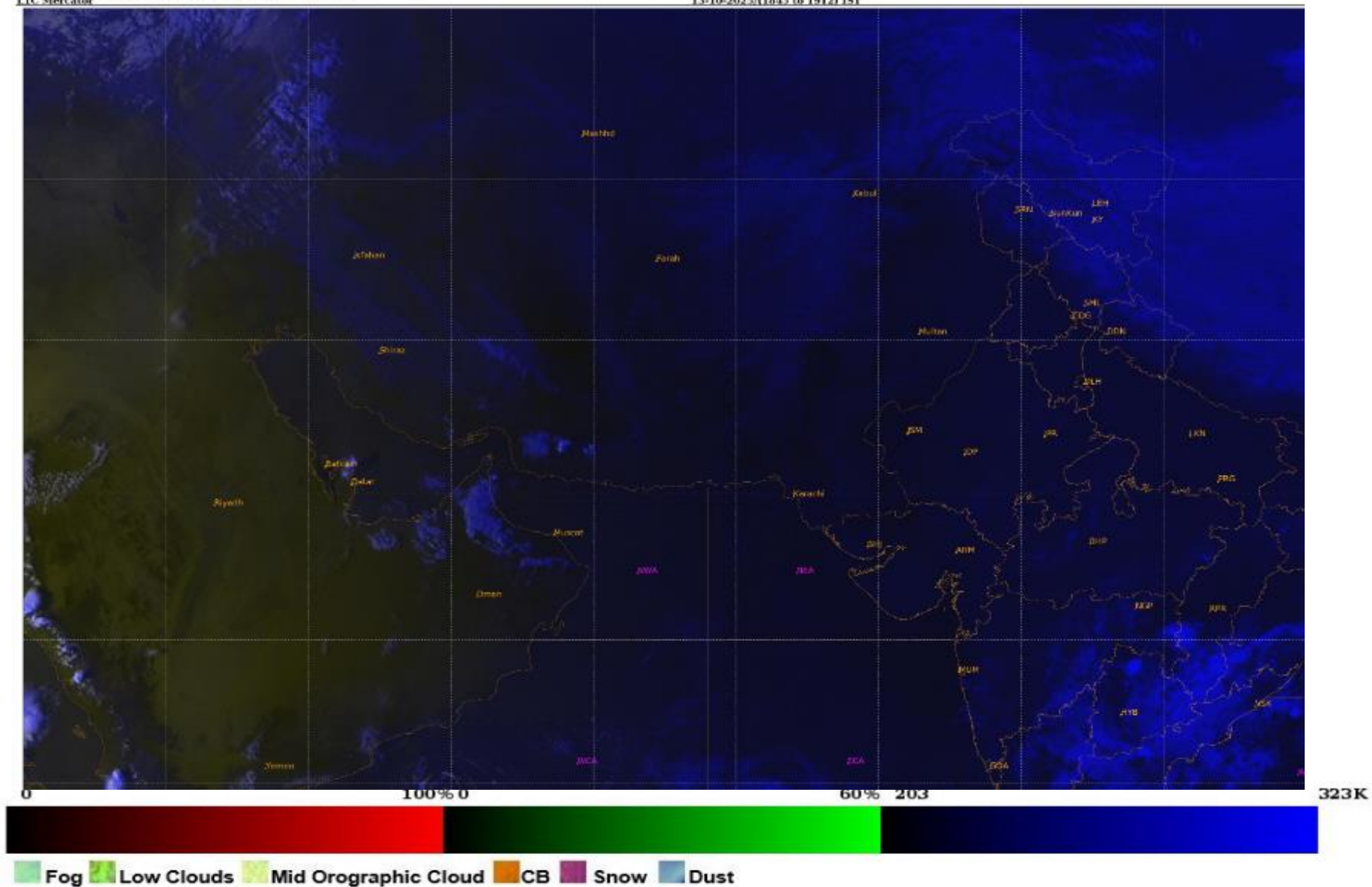
13-10-2025/(1315 to 1342) GMT
13-10-2025/(1845 to 1912) IST

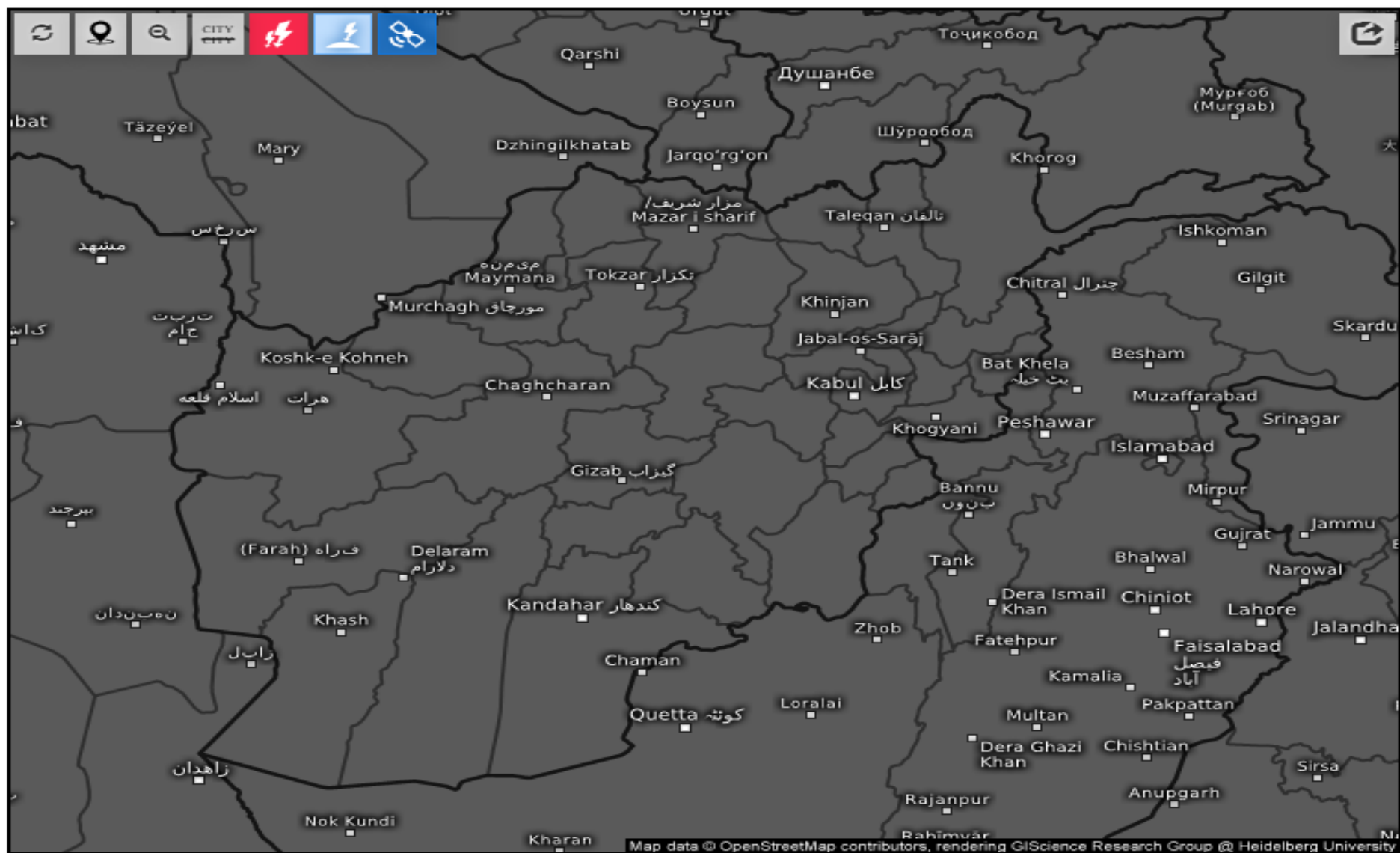


SAT : INSAT-3DR IMG
 IMG_VIS 0.65 um(R), IMG_VIS 0.65 um(G), IMG_TIR1 10.8 um(B)
 L1C Mercator

13-10-2025/(1315 to 1342) GMT

13-10-2025/(1845 to 1912) IST





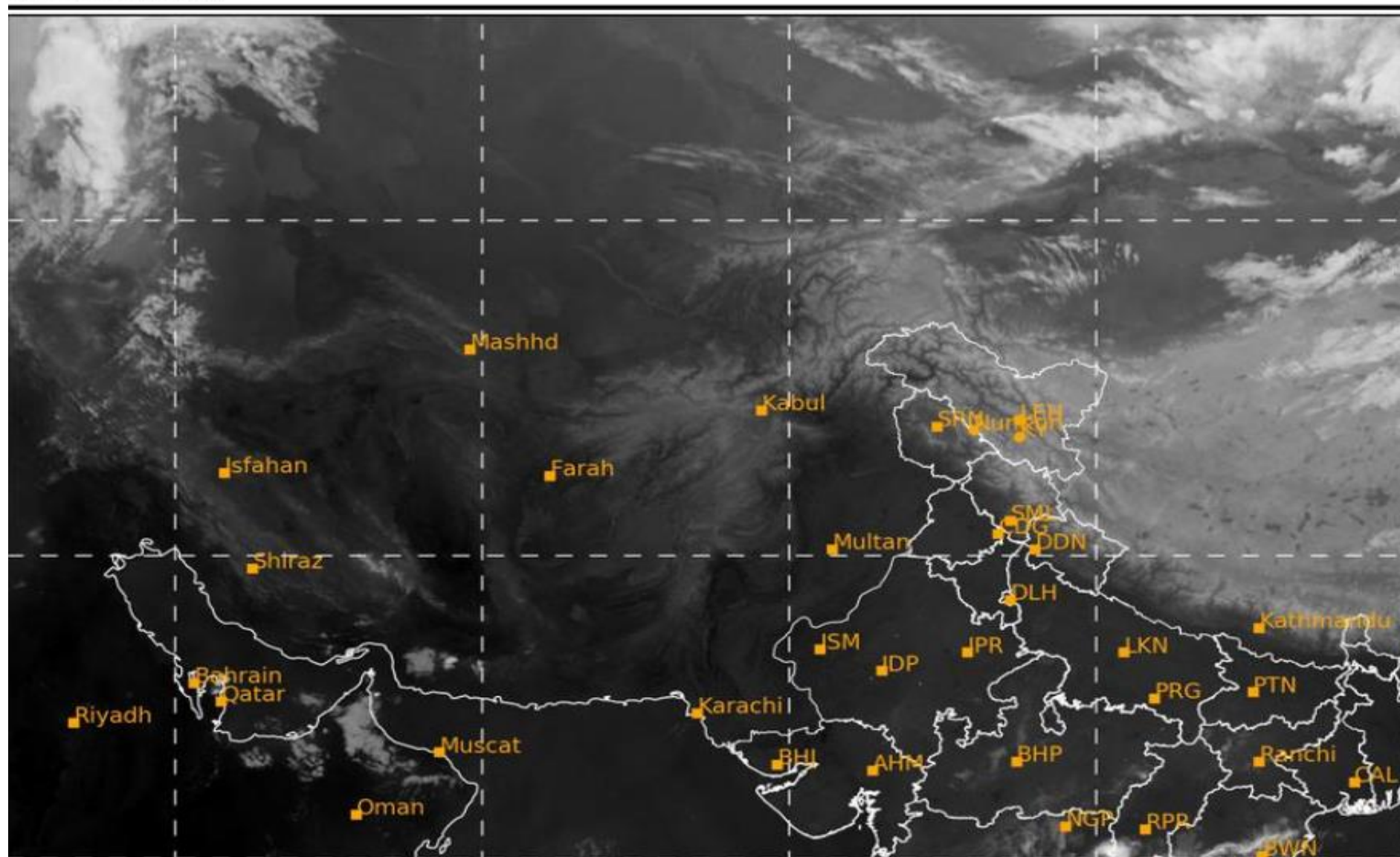
Age of lightning (minutes) 

Mon 10/13/2025, 07:10pm GMT+0430



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

13-10-2025/(1315 to 1342) GMT
13-10-2025/(1845 to 1912) IST



Live satellite map, Afghanistan

