



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



Satellite General Management

Daily reports of Satellite imagery analysis. Date & Time: 17/09/2025, 00:00 UTC

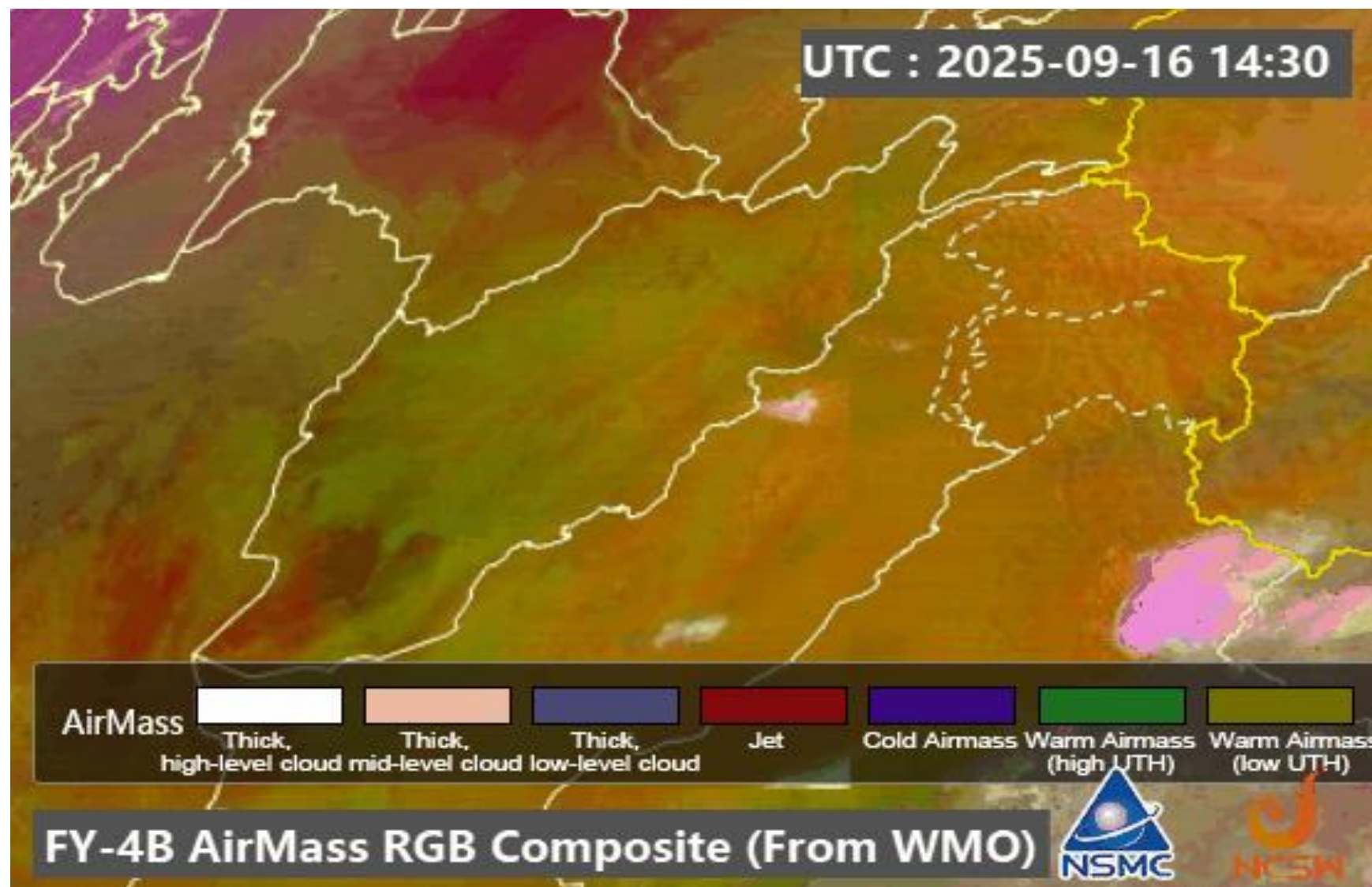
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	√ weak	X	X	
2	South	✓	✓	X	X	X	√ dry	X	X	
3	West	✓	✓	X	X	X	√ dry	X	X	
4	East	✓	X	X	✓	X	√ dry	X	X	
5	central	✓	X	X	X	X	√ weak	X	X	
6	Northeast	✓	X	X	✓	X	√ weak	X	X	
7	Southeast	✓	✓	X	X	X	√ dry	X	X	
8	Northwest	✓	X	X	X	X	√ dry	X	X	
9	Southwest	✓	✓	X	X	X	√ dry	X	X	

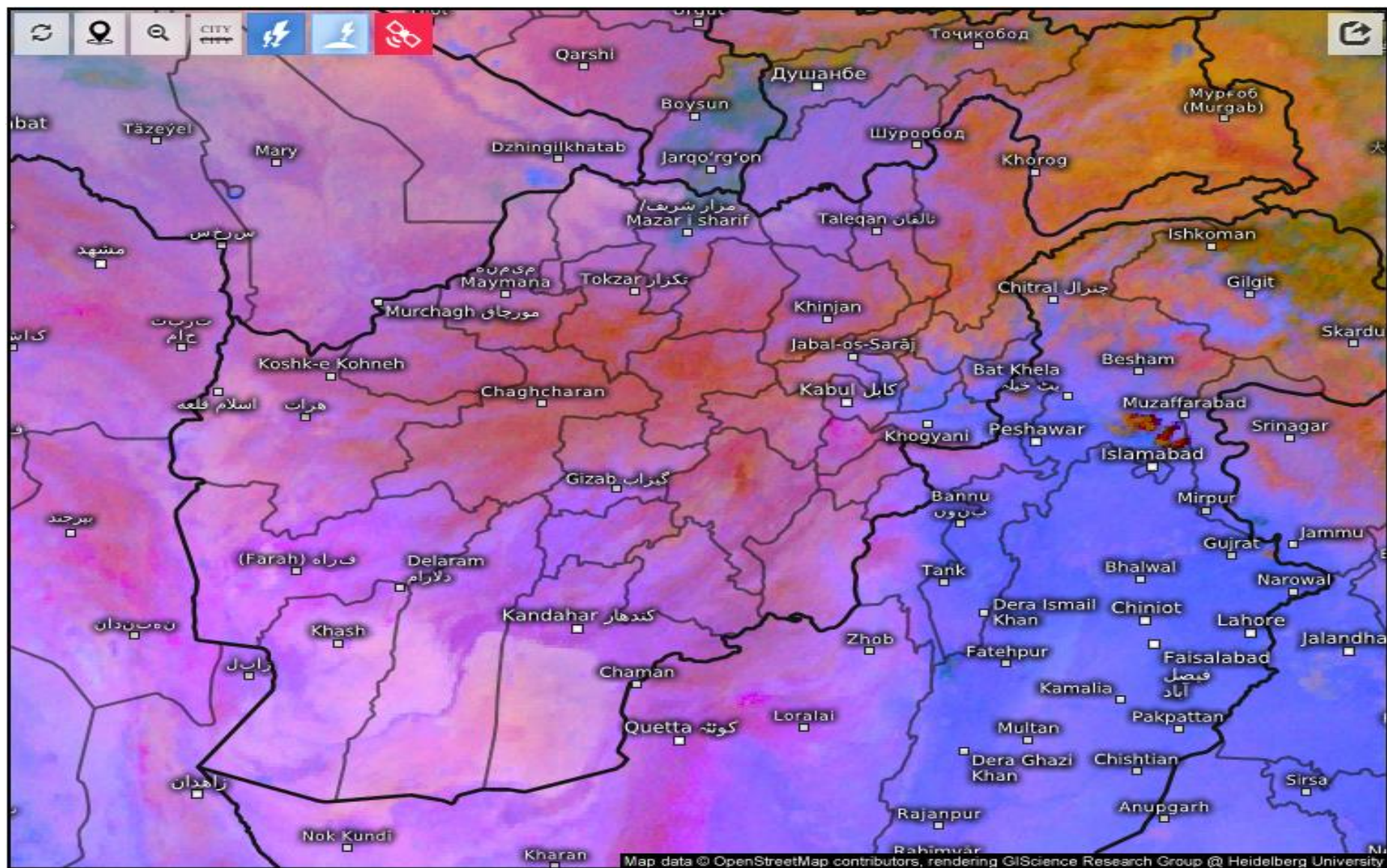
- Details:** According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, northwestern, southwestern areas have warm air mass (Low UTH). The southern, western, southeastern and southwestern areas have dust. The northern, eastern and northeastern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

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-09-16 14:30





Satellite Dust 

Wed 09/17/2025, 04:00am GMT+0430

UTC : 2025-09-16 14:30

Dust



Dust



High-level cloud



Thick,
mid-level cloud



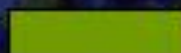
Thin,
mid-level cloud



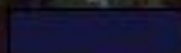
Ocean



Land



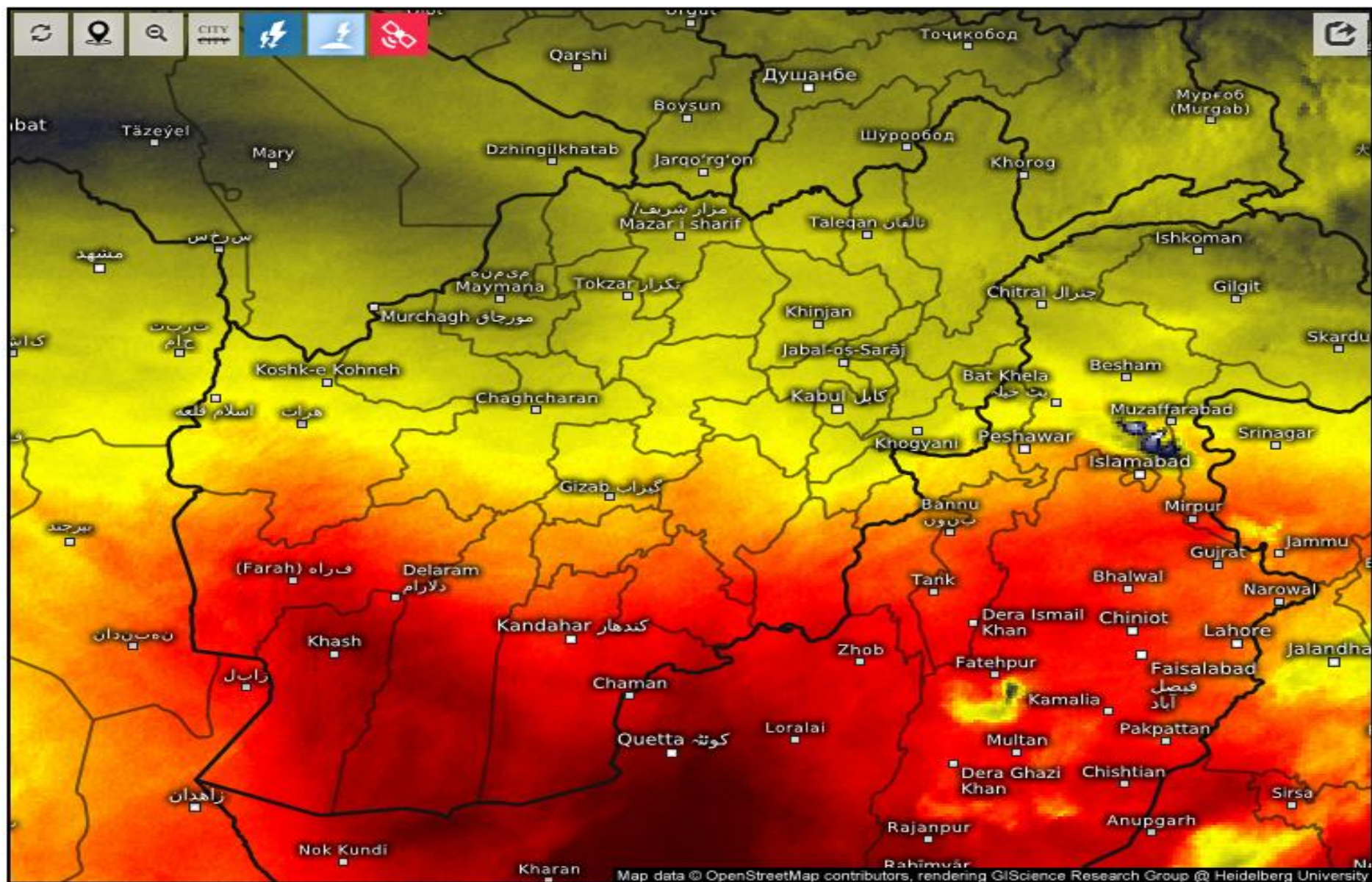
Low-level cloud



Cirrus

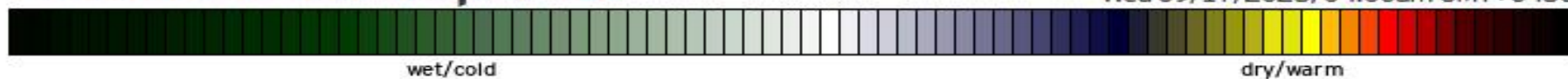
FY-4B Dust RGB Composite (From WMO)





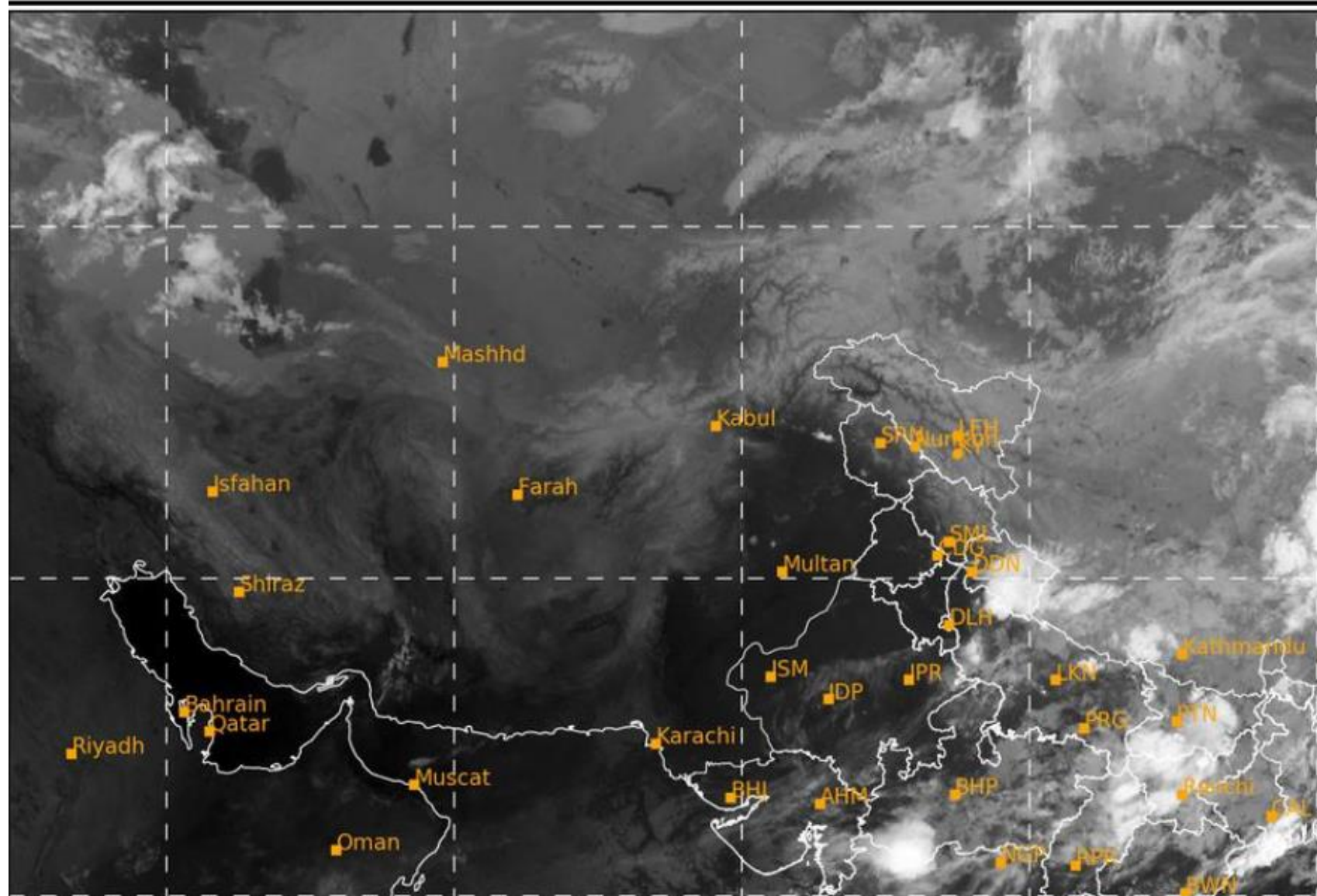
Satellite Water Vapor

Wed 09/17/2025, 04:00am GMT+0430



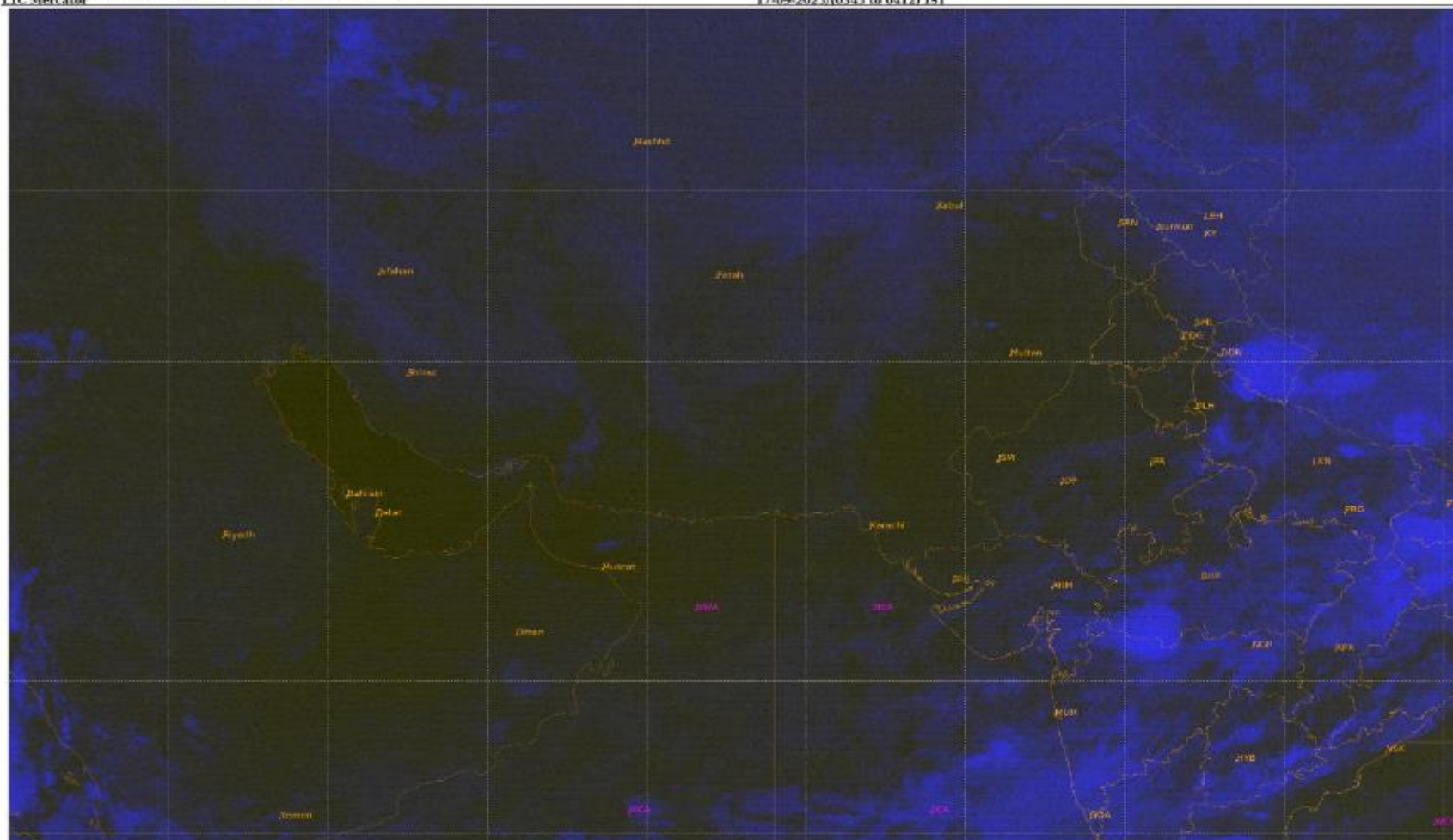
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

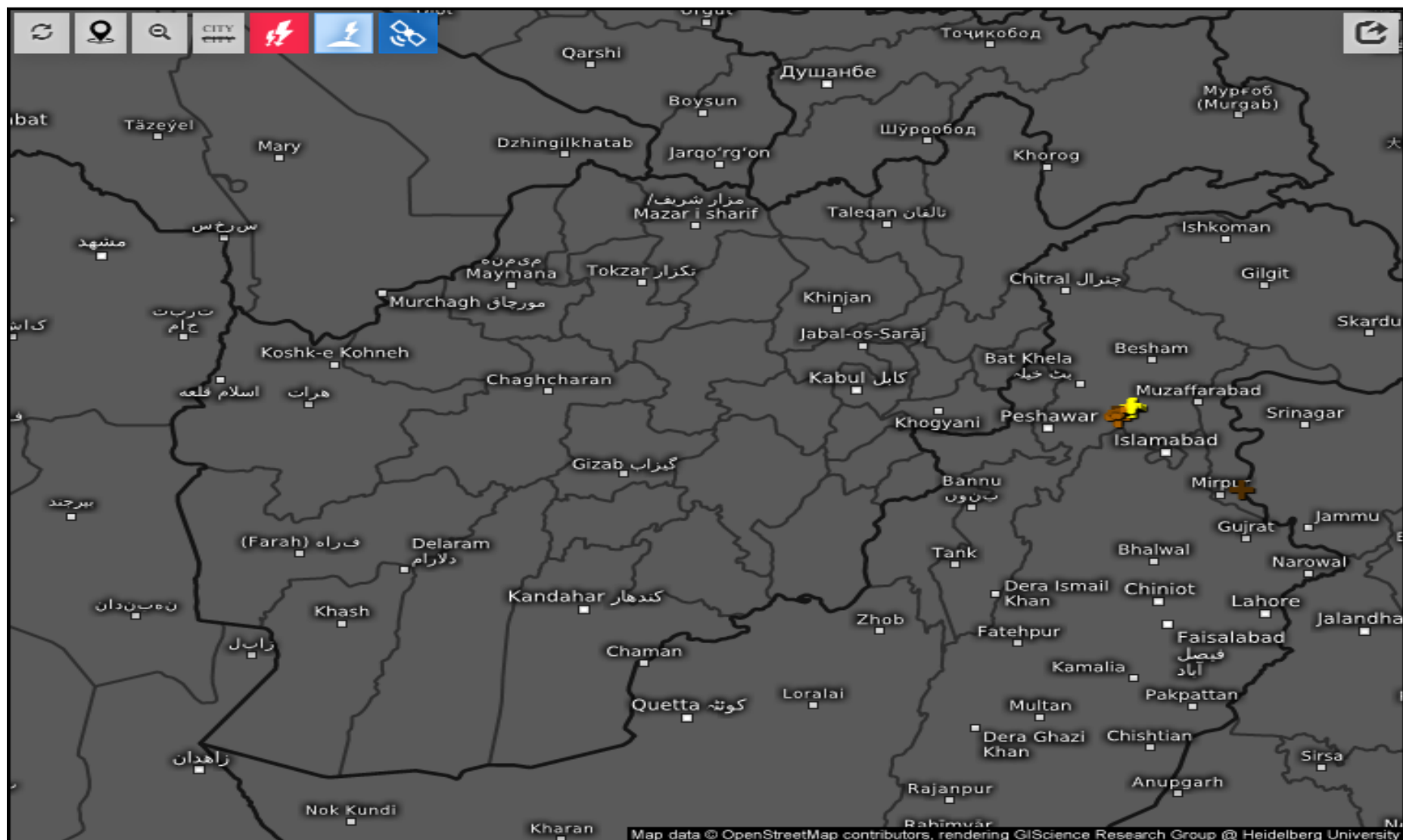
16-09-2025/(2245 to 2312) GMT
17-09-2025/(0415 to 0442) IST



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

16-09-2025/(2215 to 2242) GMT
 17-09-2025/(0345 to 0412) IST





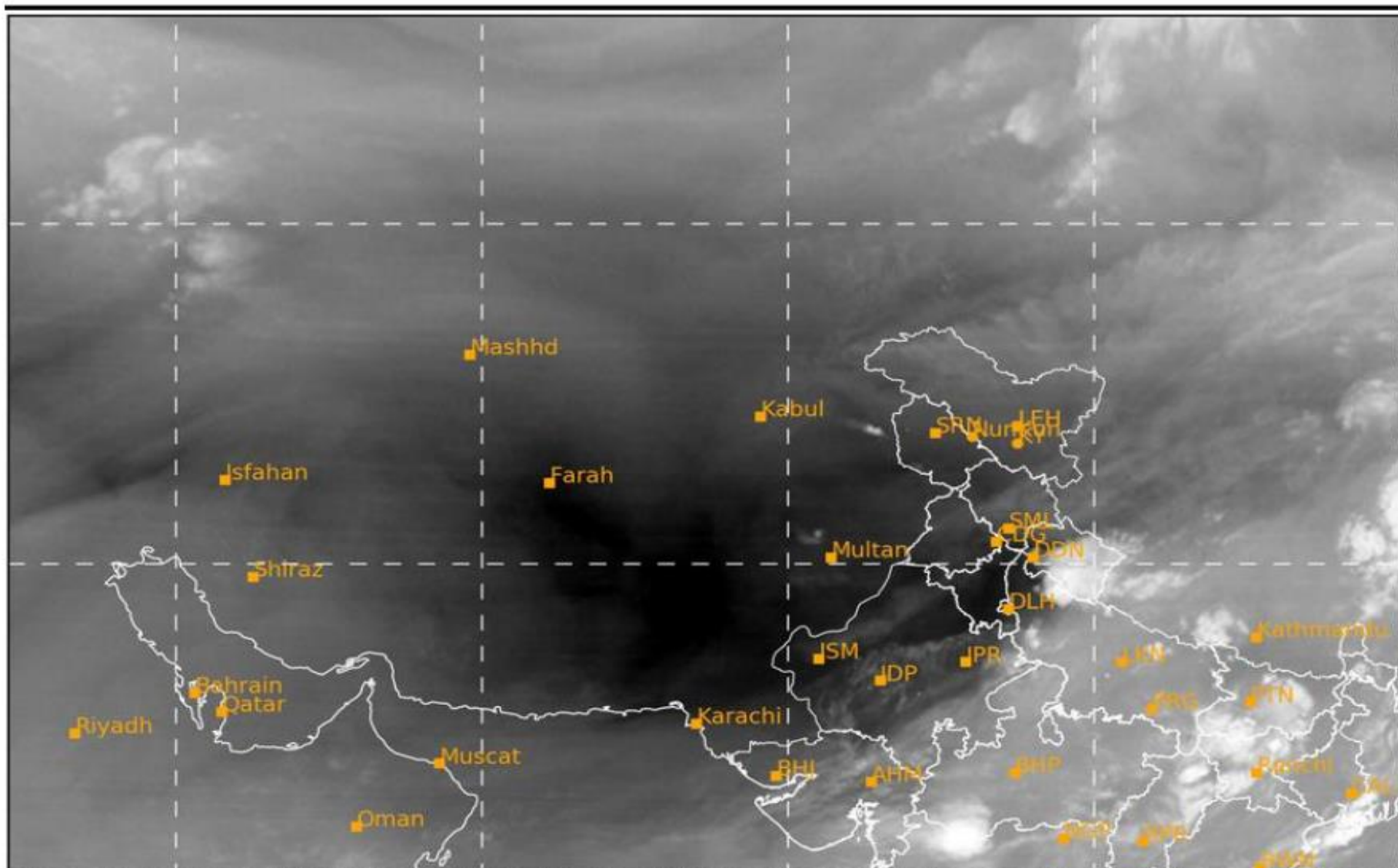
Age of lightning (minutes) 

Wed 09/17/2025, 04:10am GMT+0430

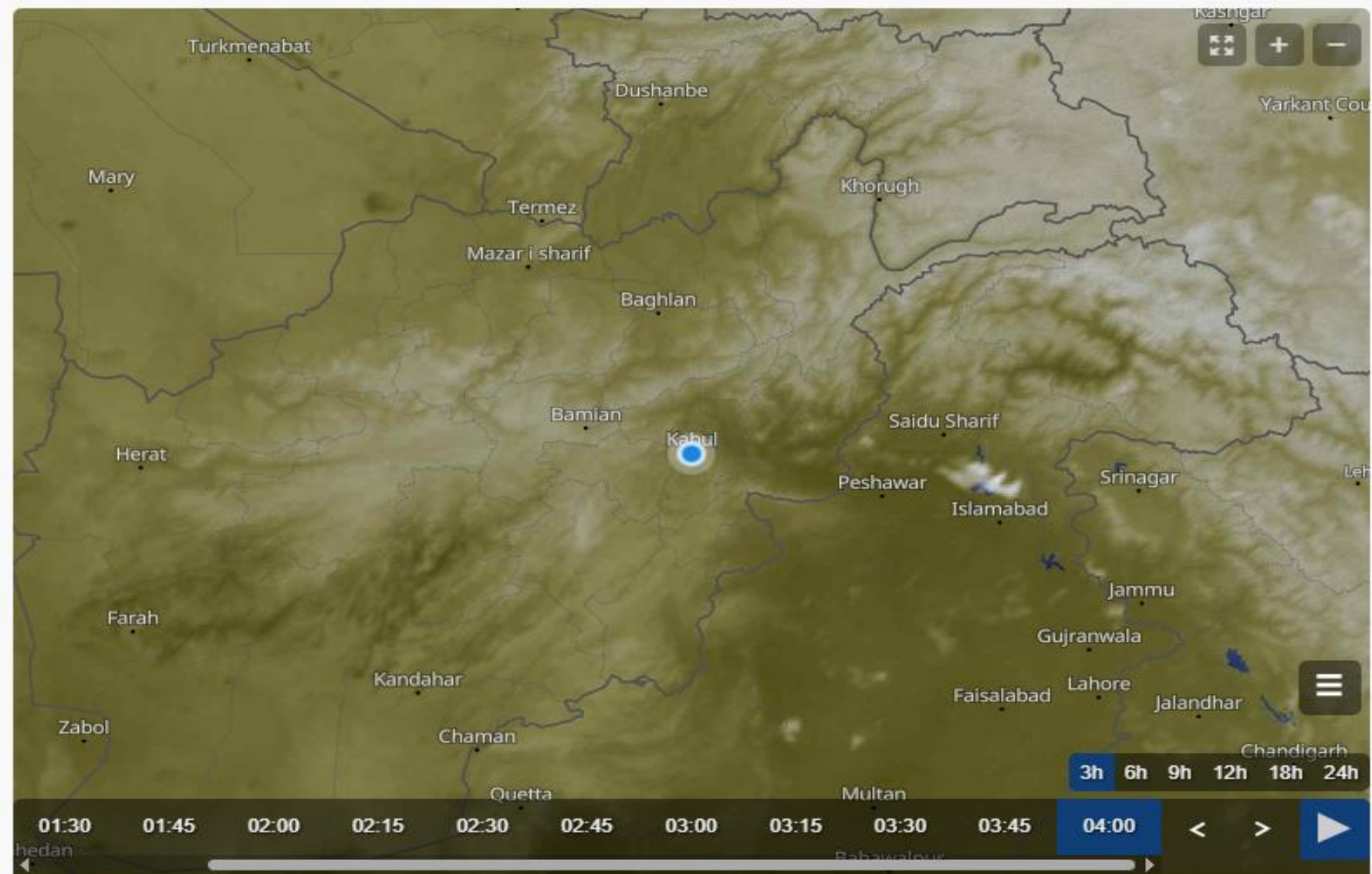


SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

16-09-2025/(2245 to 2312) GMT
17-09-2025/(0415 to 0442) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-09-16 23:15(UTC)

