



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



Daily reports of Satellite imagery analysis. Date & Time: 03/09/2025, 00:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	X	X	√ 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	√ dry	X	X	
7	Southeast	✓	X	X	✓	X	√ dry	X	X	
8	Northwest	✓	✓	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, southwestern, and northwestern areas have warm air mass (High UTH). The northern, southern, western, central, northwestern and southwestern areas have dust. The eastern, northeastern and southeastern areas have cloudy sky. The all region have dry water vapor.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-09-02 13:45

AirMass

Thick,
high-level cloud

Thick,

mid-level cloud

Thick,

low-level cloud

Jet

Cold Airmass

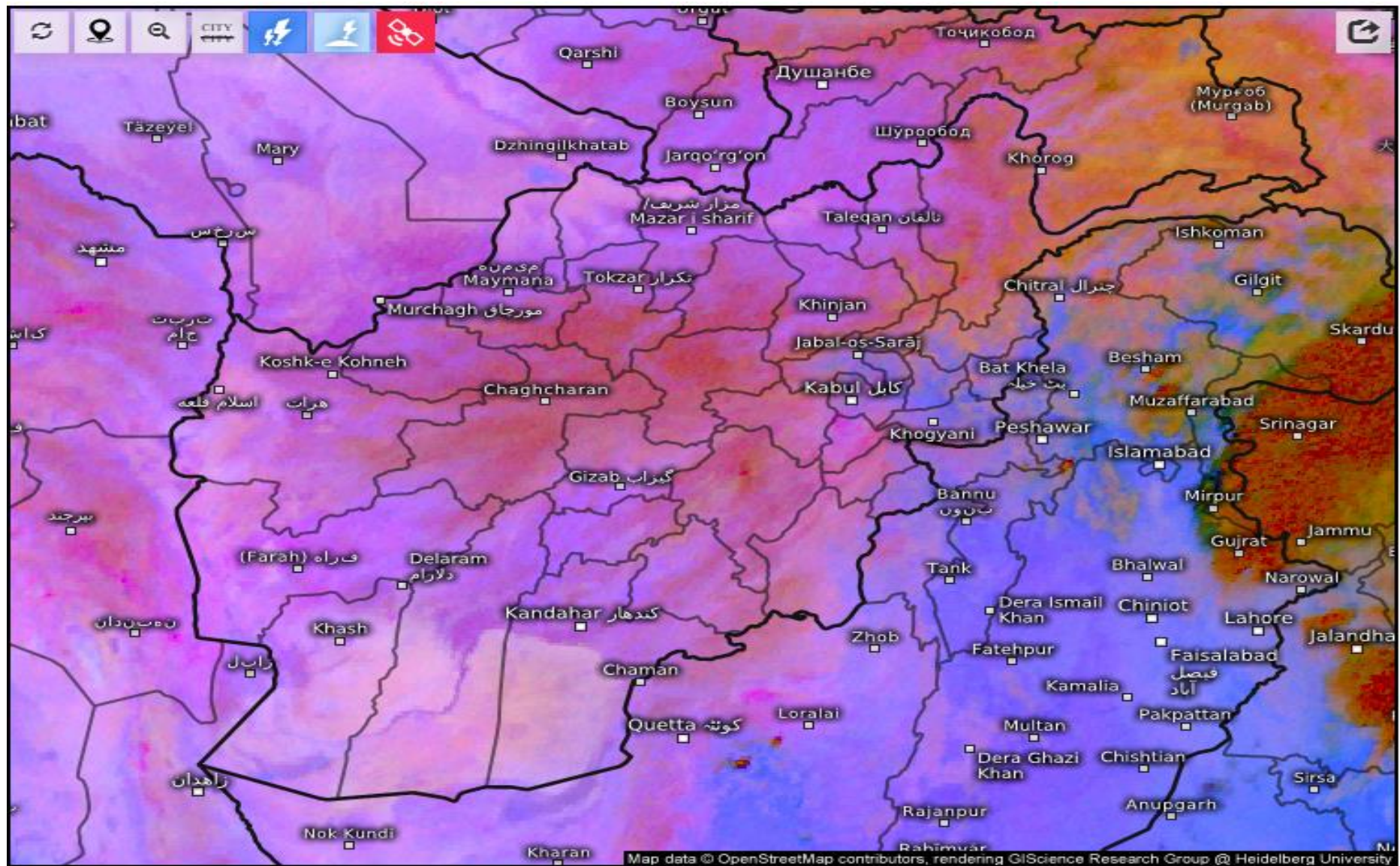
Warm Airmass
(high UTH)

Warm Airmass
(low UTH)

R = W
G = IF
B = W

FY-4B AirMass RGB Composite (From WMO)



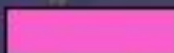


Satellite Dust 

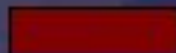
Wed 09/03/2025, 04:00am GMT+0430

UTC : 2025-09-02 13:45

Dust



Dust



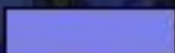
High-level cloud



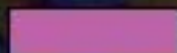
Thick,
mid-level cloud



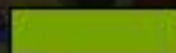
Thin,
mid-level cloud



Ocean



Land



Low-level cloud

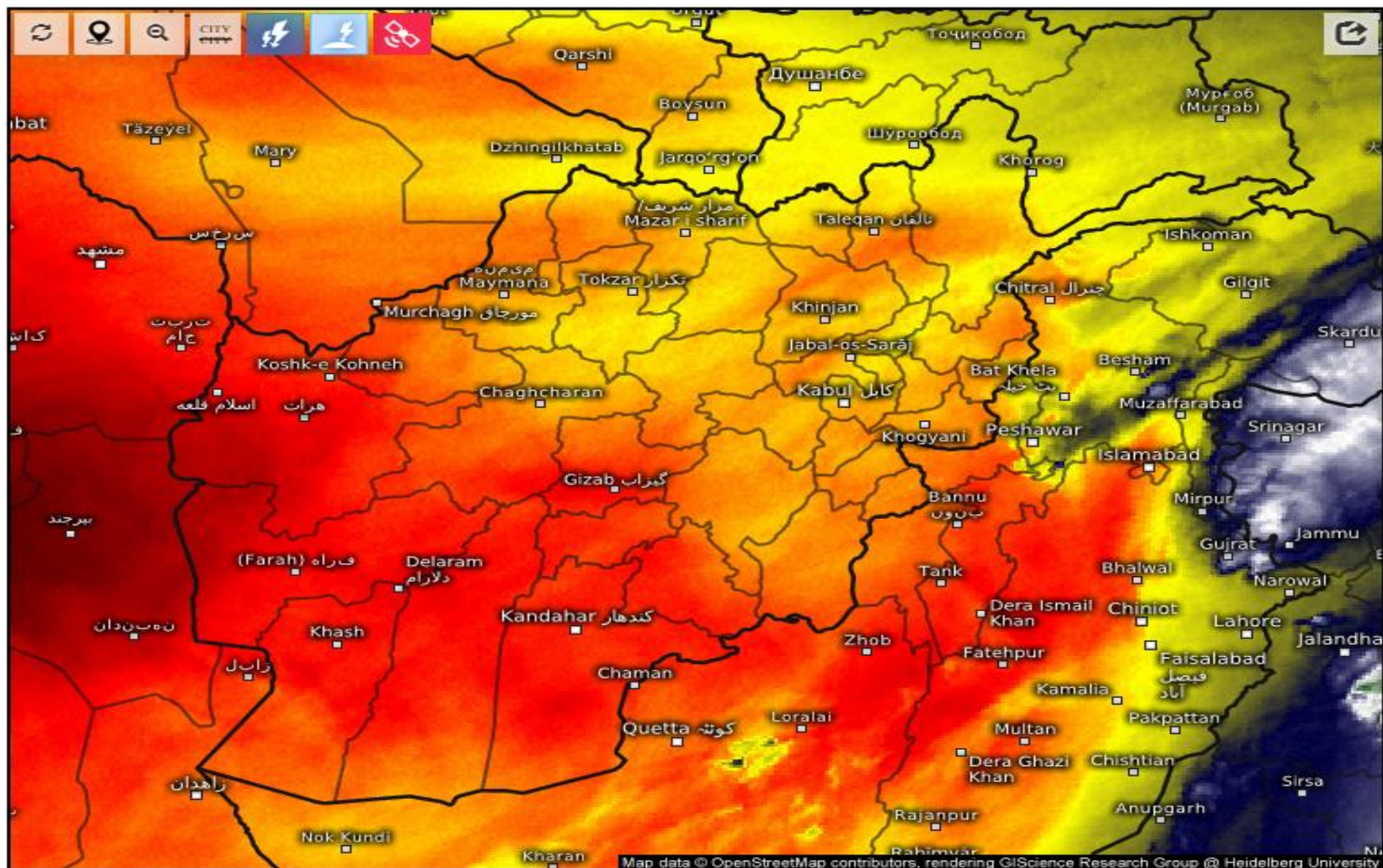


Cirrus

R = IR
G = IR
B = IR

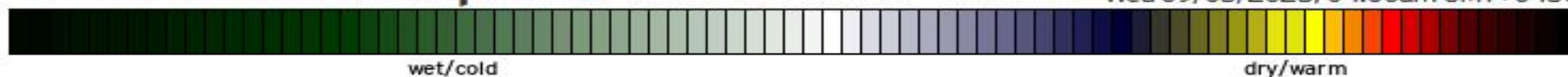
FY-4B Dust RGB Composite (From WMO)





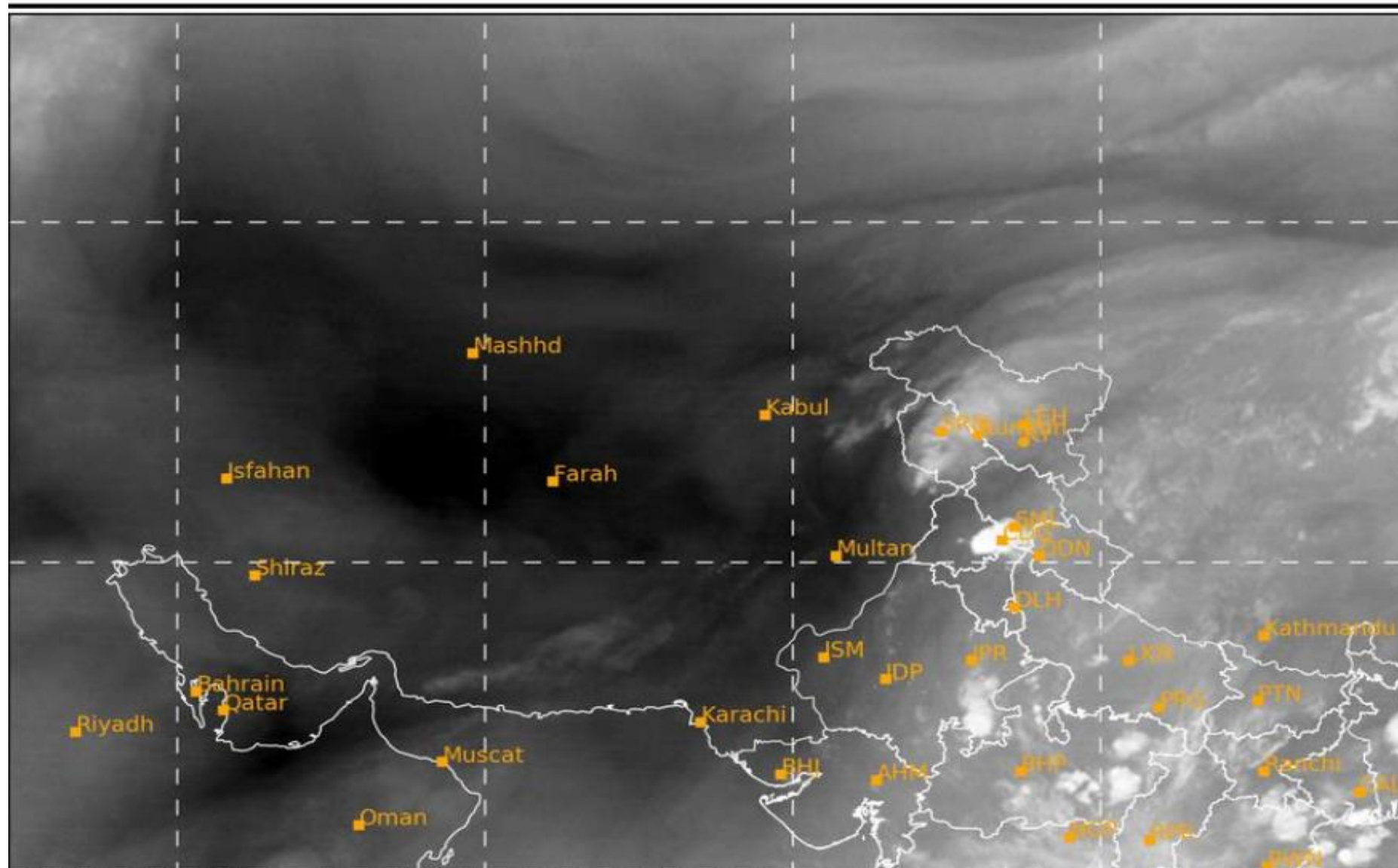
Satellite Water Vapor

Wed 09/03/2025, 04:00am GMT+0430



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

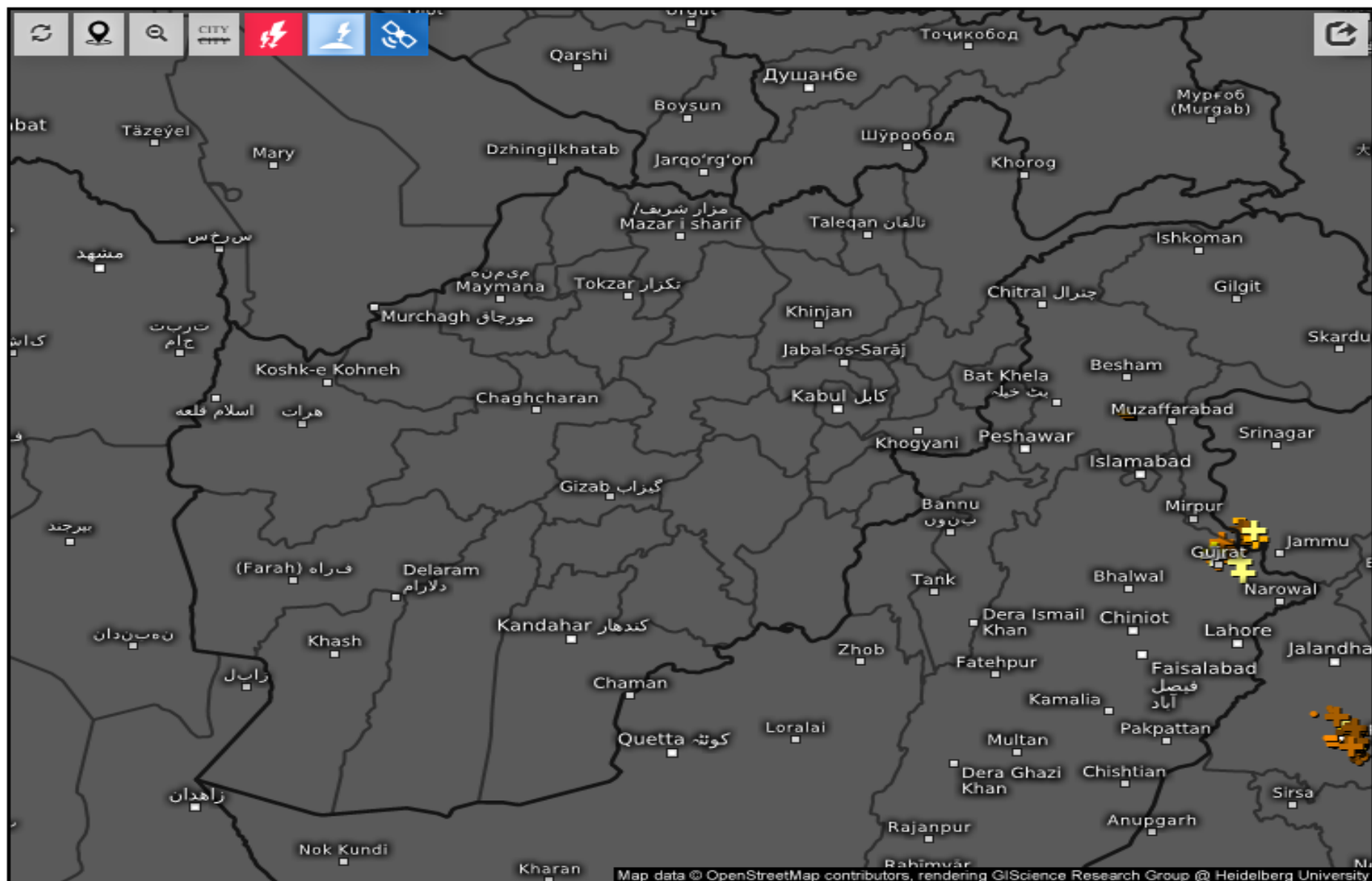
02-09-2025/(2215 to 2242) GMT
03-09-2025/(0345 to 0412) IST



The map displays the Middle East and surrounding regions, including Iraq, Iran, Turkey, and the Arabian Peninsula. The map is overlaid with a grid and various labels for countries and cities. The map is titled "Middle East" in the top left corner.

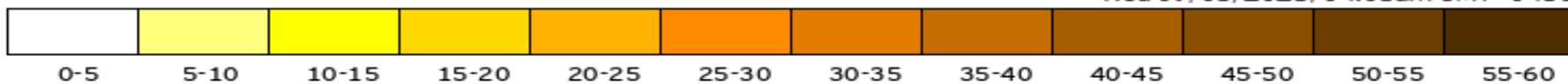
Key locations and labels visible on the map include:

- Countries:** Iraq, Iran, Turkey, Syria, Jordan, Lebanon, Israel, Saudi Arabia, Oman, Yemen, and the United Arab Emirates.
- Cities:** Baghdad, Tehran, Ankara, Damascus, Beirut, Jerusalem, Riyadh, Muscat, and Sana'a.
- Other Labels:** "Middle East" (title), "Iraq", "Iran", "Turkey", "Syria", "Jordan", "Lebanon", "Israel", "Saudi Arabia", "Oman", "Yemen", "UAE", "Iraq", "Iran", "Turkey", "Syria", "Jordan", "Lebanon", "Israel", "Saudi Arabia", "Oman", "Yemen", "UAE".



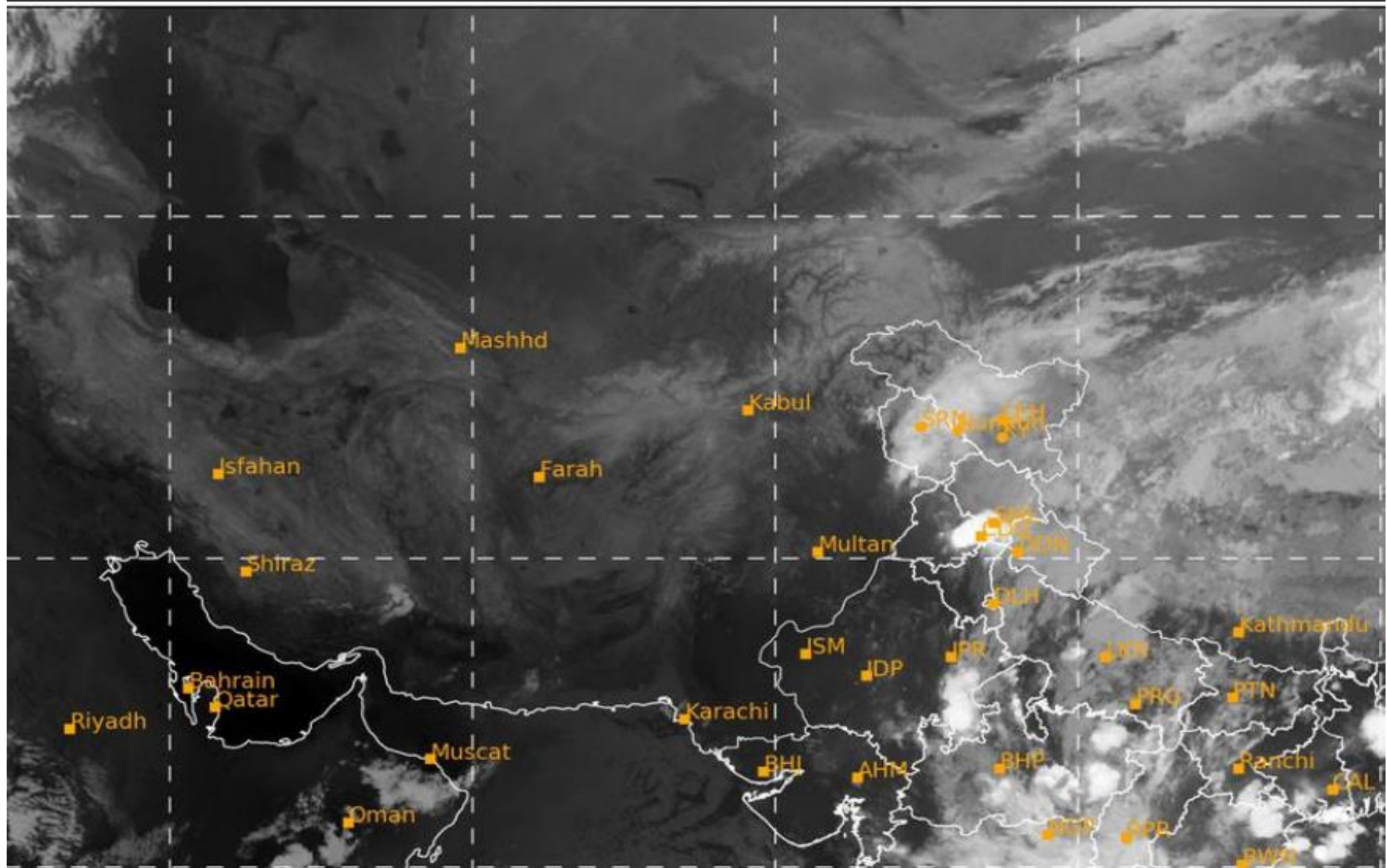
Age of lightning (minutes) 

Wed 09/03/2025, 04:05am GMT+0430



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

02-09-2025/(2215 to 2242) GMT
03-09-2025/(0345 to 0412) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-09-02 23:15(UTC)

