



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



Daily reports of Satellite imagery analysis. Date & Time: 02/09/2025, 15:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	X	X	√ 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	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	

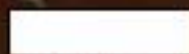
- **Details:** According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, southwestern, and northwestern areas have warm air mass (High UTH). The southern, western, northwestern and southwestern areas have dust. The eastern, northeastern and 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 05:30

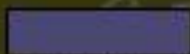
AirMass



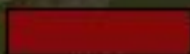
Thick,
high-level cloud



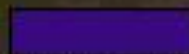
Thick,
mid-level cloud



Thick,
low-level cloud



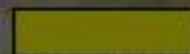
Jet



Cold Airmass



Warm Airmass
(high UTH)

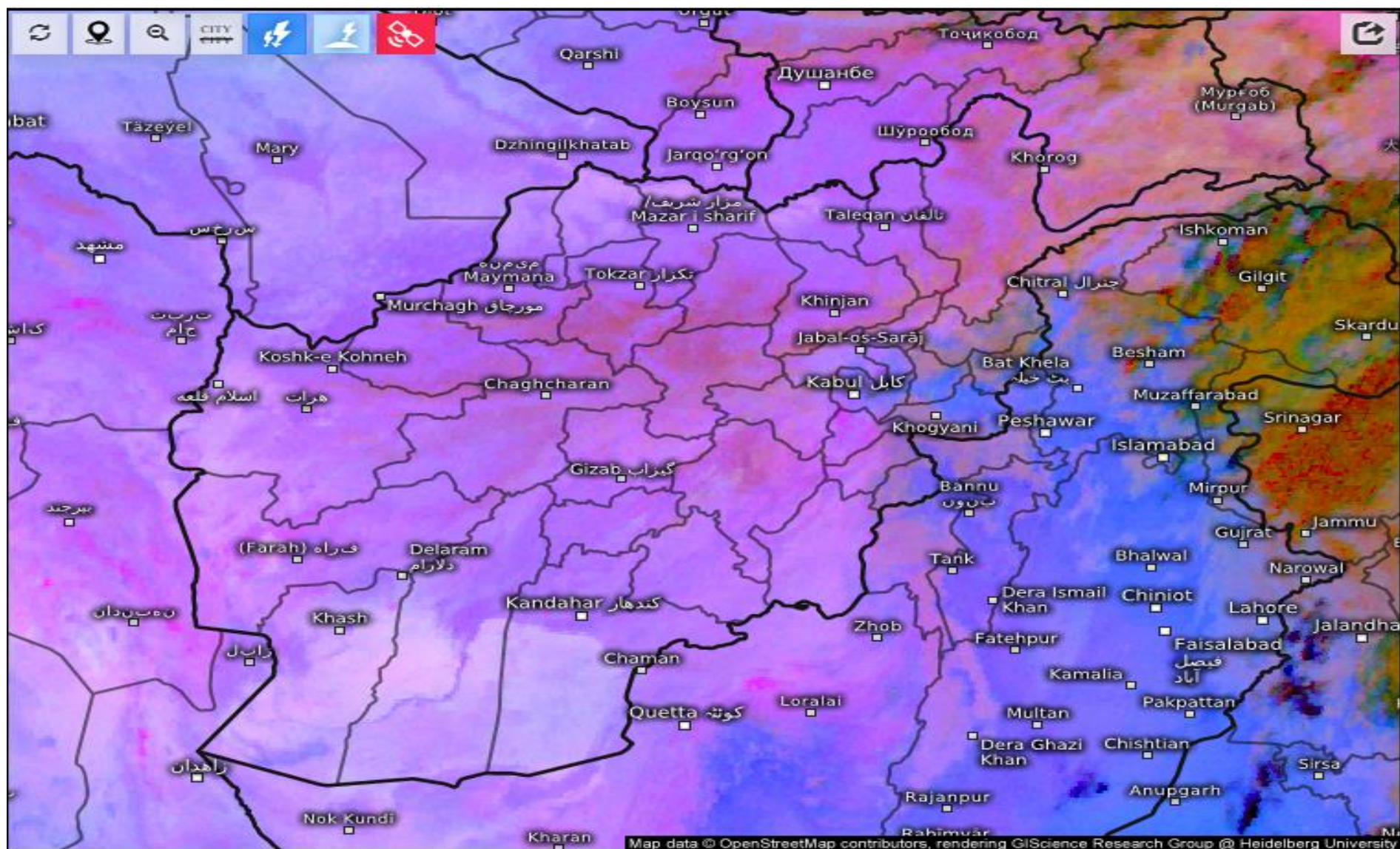


Warm Airmass
(low UTH)

R = W
G = IF
B = W

FY-4B AirMass RGB Composite (From WMO)

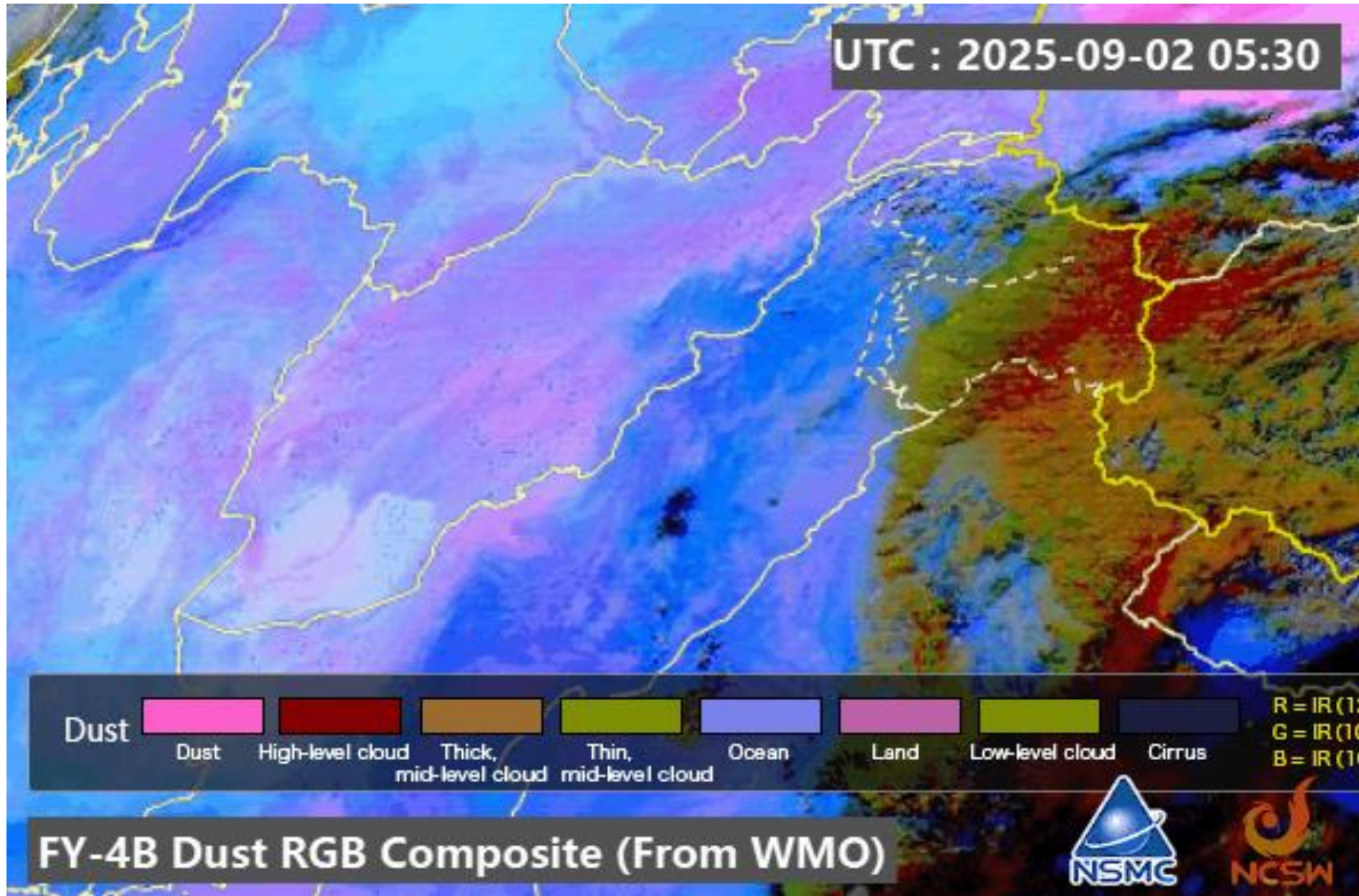




Satellite Dust 

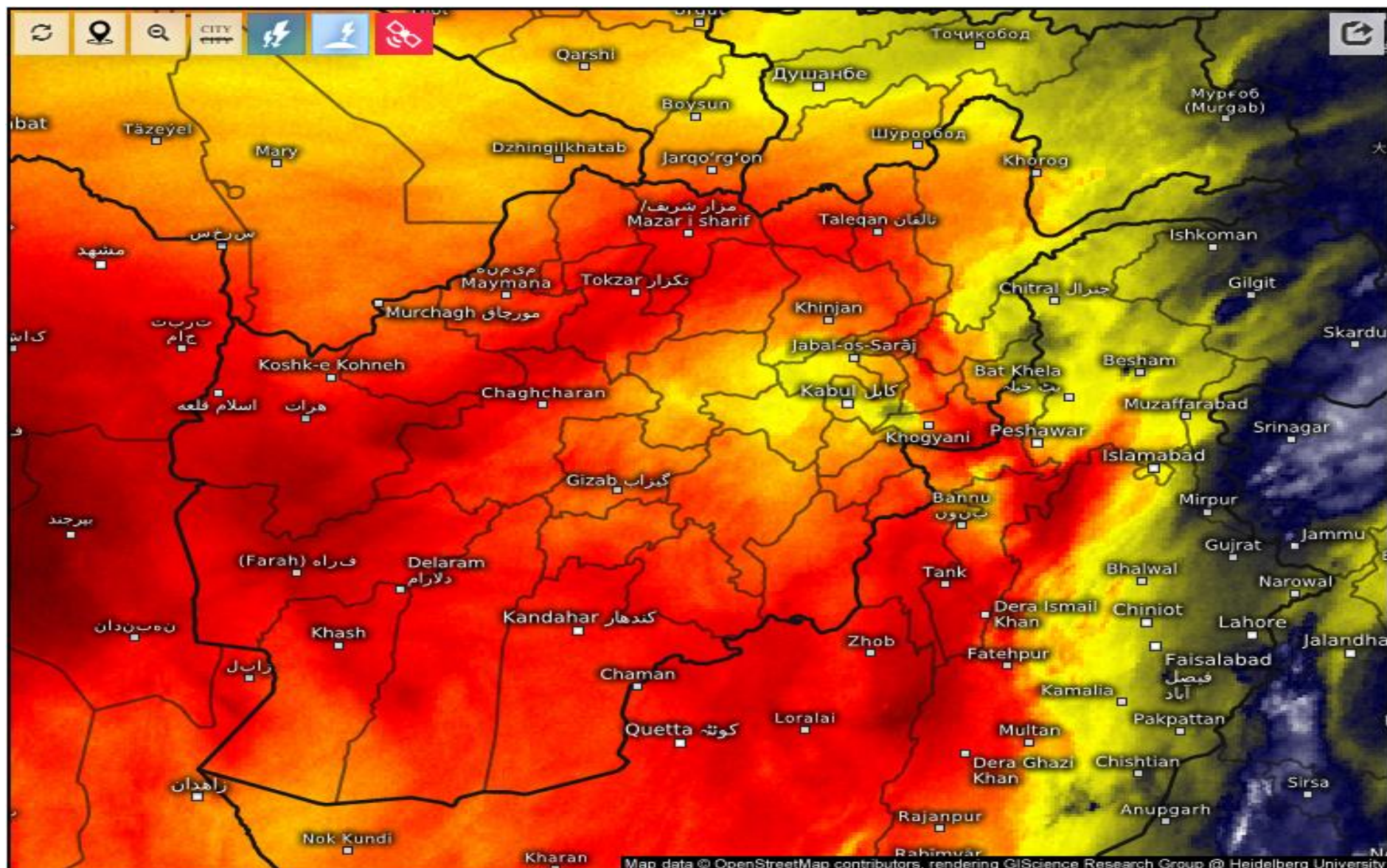
Tue 09/02/2025, 07:00pm GMT+0430

UTC : 2025-09-02 05:30



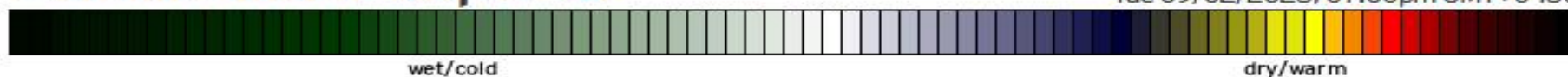
FY-4B Dust RGB Composite (From WMO)





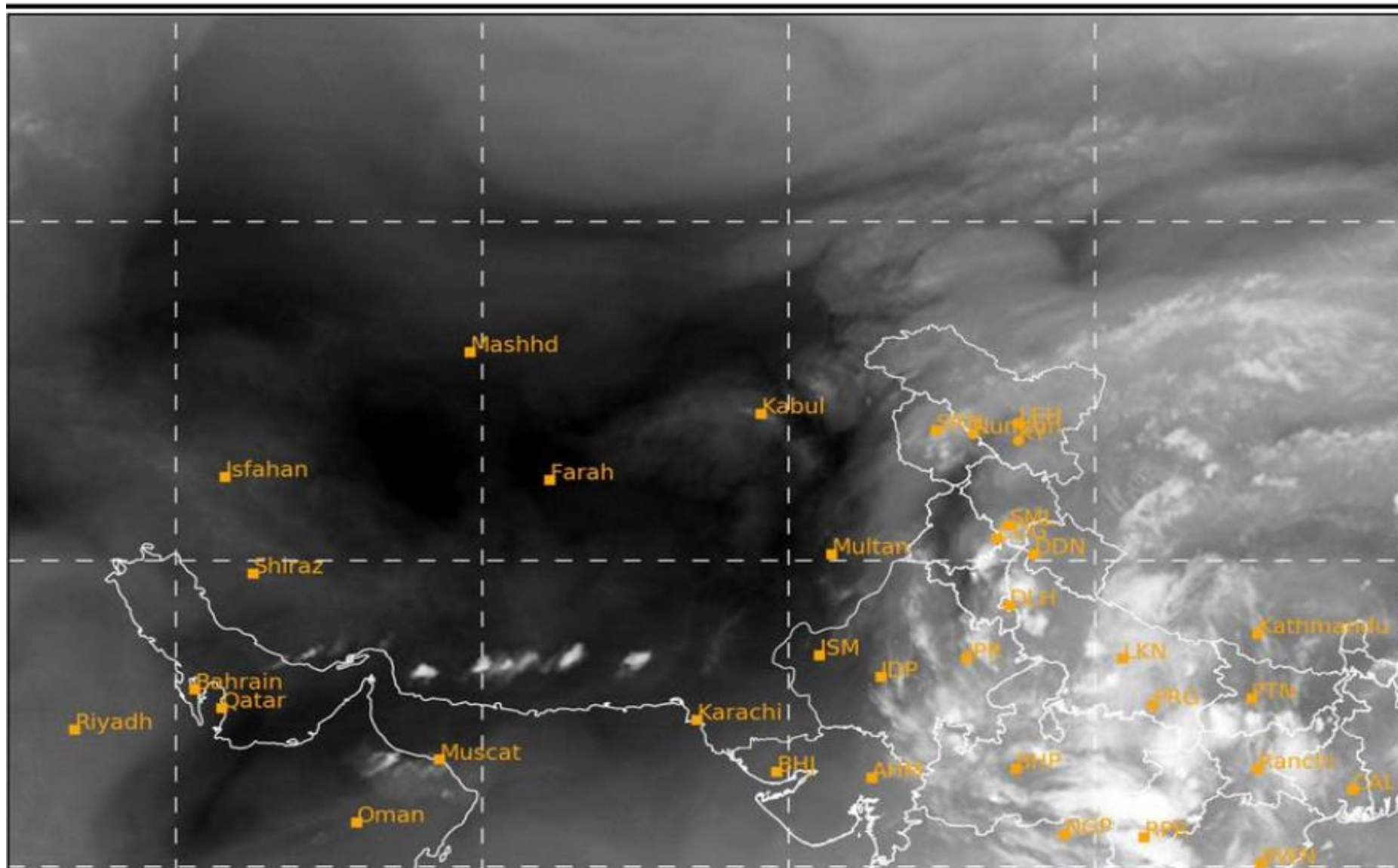
Satellite Water Vapor

Tue 09/02/2025, 07:00pm GMT+0430



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

02-09-2025/(1315 to 1342) GMT
02-09-2025/(1845 to 1912) IST



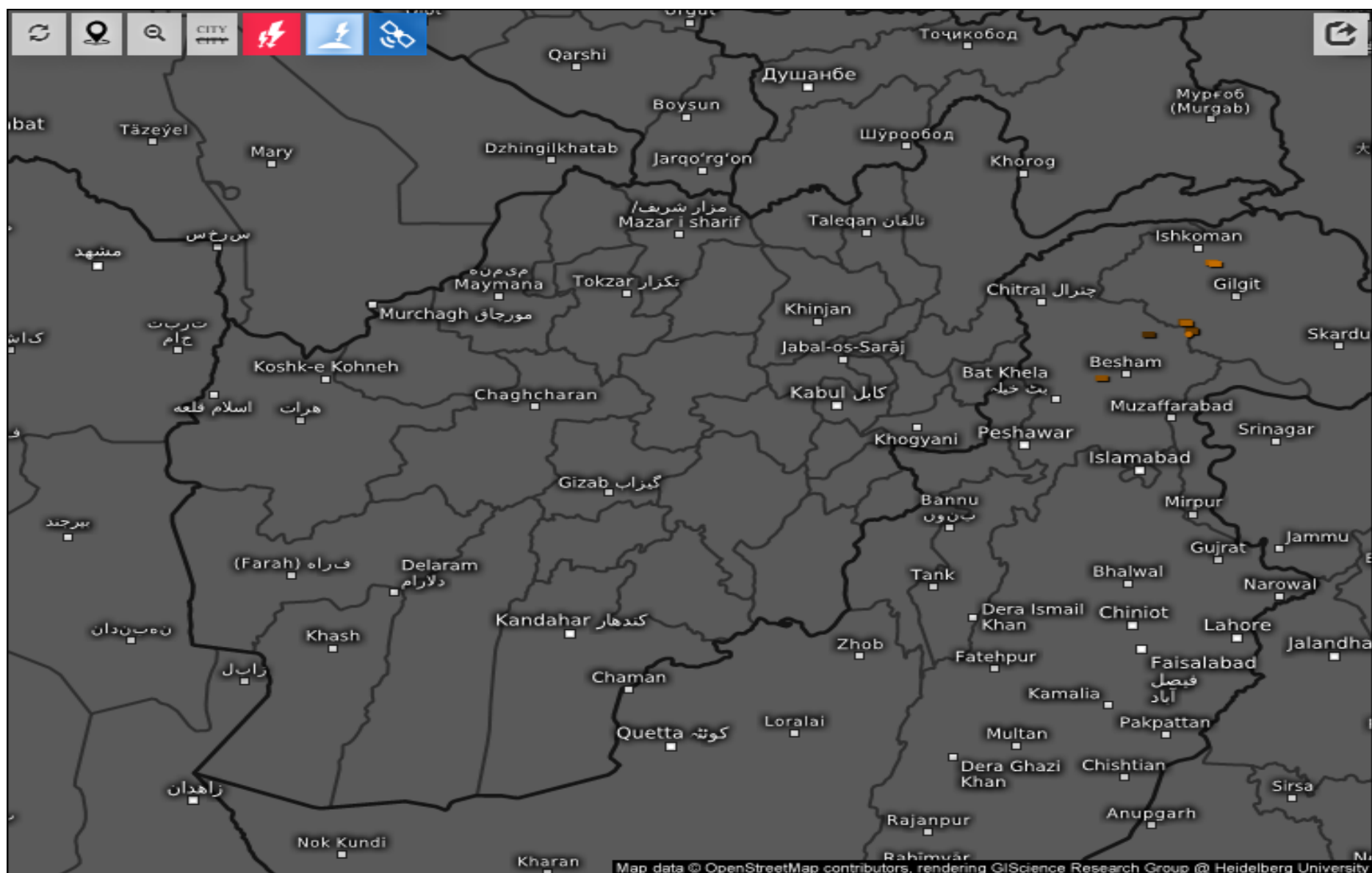
The map displays the Middle East and surrounding areas, including Iraq, Iran, Turkey, and the Arabian Peninsula. The map is overlaid with a grid and various labels for cities and regions. The color scheme is predominantly blue and green, with some yellow and red highlights. Key labels include:

- Regions:** Iraq, Iran, Turkey, Syria, Jordan, Saudi Arabia, Yemen, Oman, United Arab Emirates, Qatar, Kuwait, Bahrain, Oman, Yemen, Saudi Arabia, Iraq, Iran, Turkey, Syria, Jordan, Saudi Arabia, Yemen, Oman, United Arab Emirates, Qatar, Kuwait, Bahrain.
- Cities:** Baghdad, Tehran, Ankara, Damascus, Amman, Riyadh, Jeddah, Mecca, Medina, Jerusalem, Tel Aviv, Haifa, Beirut, Aleppo, Mosul, Erbil, Sulaymaniyah, Basra, Kirkuk, Samarra, Baghdad, Tehran, Ankara, Damascus, Amman, Riyadh, Jeddah, Mecca, Medina, Jerusalem, Tel Aviv, Haifa, Beirut, Aleppo, Mosul, Erbil, Sulaymaniyah, Basra, Kirkuk, Samarra.
- Other Labels:** Iraq, Iran, Turkey, Syria, Jordan, Saudi Arabia, Yemen, Oman, United Arab Emirates, Qatar, Kuwait, Bahrain, Oman, Yemen, Saudi Arabia, Iraq, Iran, Turkey, Syria, Jordan, Saudi Arabia, Yemen, Oman, United Arab Emirates, Qatar, Kuwait, Bahrain.

02-09-2025/1845 to 1912 IST

02-09-2025/1845 to 1912 IST





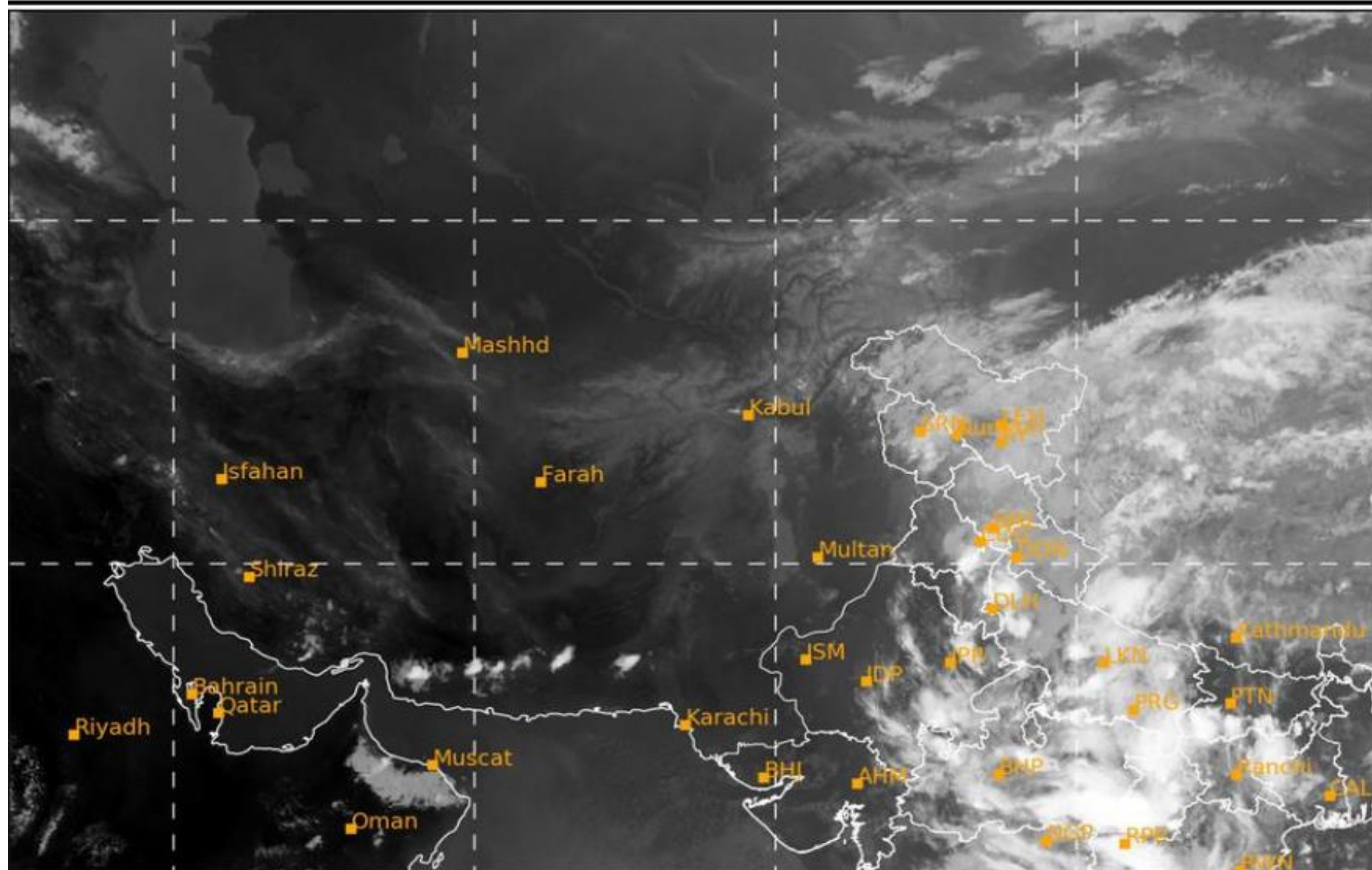
Age of lightning (minutes) 

Tue 09/02/2025, 07:00pm GMT+0430



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

02-09-2025/(1315 to 1342) GMT
02-09-2025/(1845 to 1912) IST



Live satellite map, Afghanistan



Cloud Top Height

2025-09-02 14:15(UTC)

