



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



Daily reports of Satellite imagery analysis. Date & Time: 03-08-2026, 09:00 UTC

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

Details: According to satellite imagery analysis, the northern, western, central, northeastern, southeastern, northwestern and southwestern regions have a warm air mass with (High UTH). The southern and southeastern regions have cold air mass. The southern, northwestern and southwestern regions have dust storm. The eastern, northeastern and southeastern regions have thunder storm. The eastern, central, northeastern and southeastern regions have cloudy skies. The eastern regions have Fog or water cloud. The northern, western, central, northwestern, southwestern regions have dry/warm water vapor and the eastern, southeastern regions have wet water vapor. The southern, northeastern regions have moderate water vapor. The southern and southwestern regions have Jetstream.

Not: X (Not existing phenomena) ✓ (existing phenomena)

Reported by: Esmatullah Mohammadi

UTC: 2026-08-02 22:45

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 = WV (6.25) - WV (7.1)

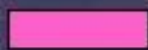
G = IR (9.5) - IR (10.8)

B = WV (6.25)

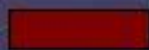
FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-08-02 22:45

Dust



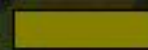
Dust



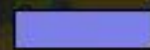
High-level cloud



Thick,
mid-level cloud



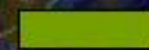
Thin,
mid-level cloud



Ocean



Land



Low-level cloud



Cirrus

R = IR (12.0) - IR (10.8)

G = IR (10.8) - IR (8.5)

B = IR (10.8)

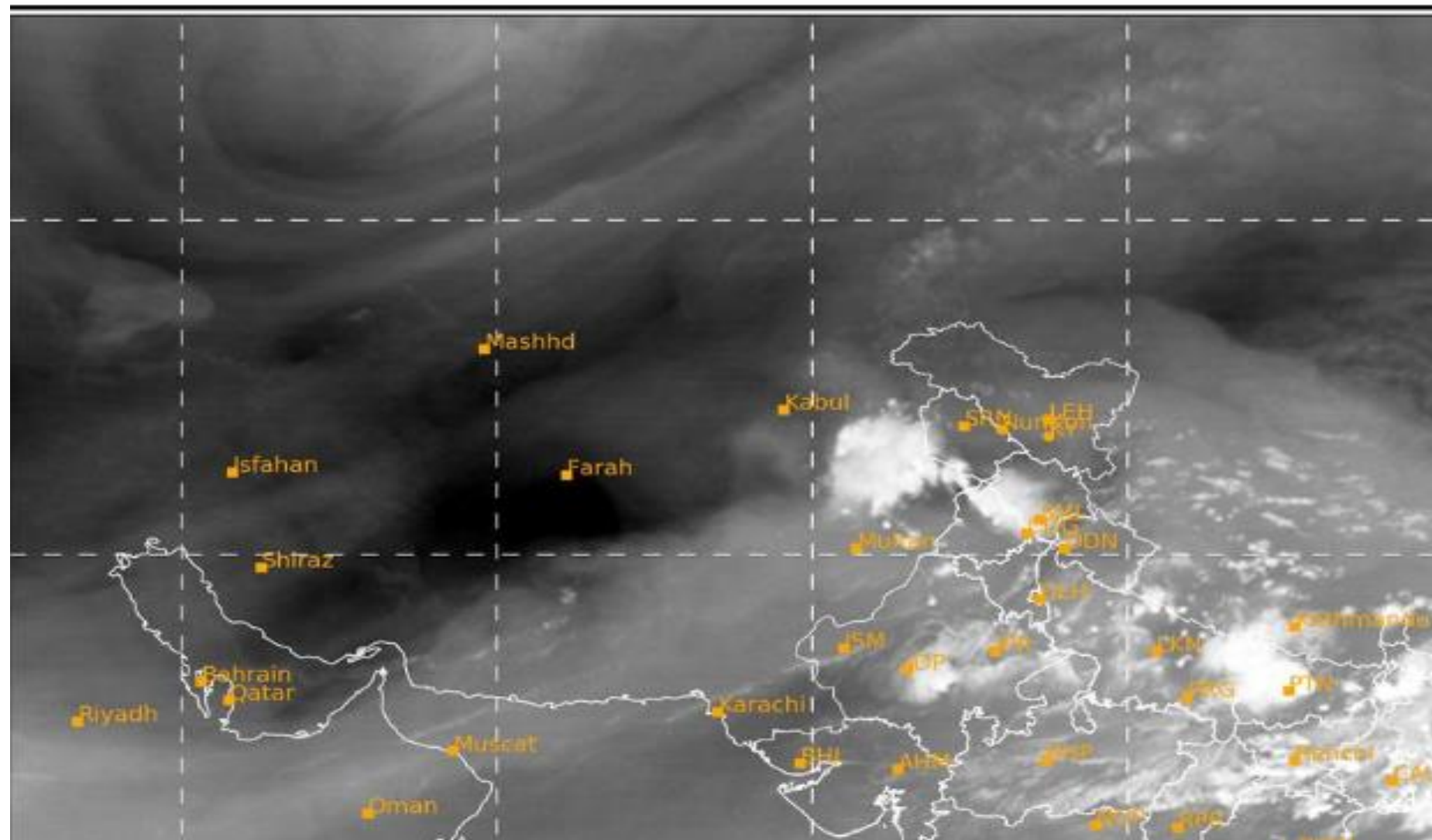
FY-4B Dust RGB Composite (From WMO)

Live satellite map, Afghanistan



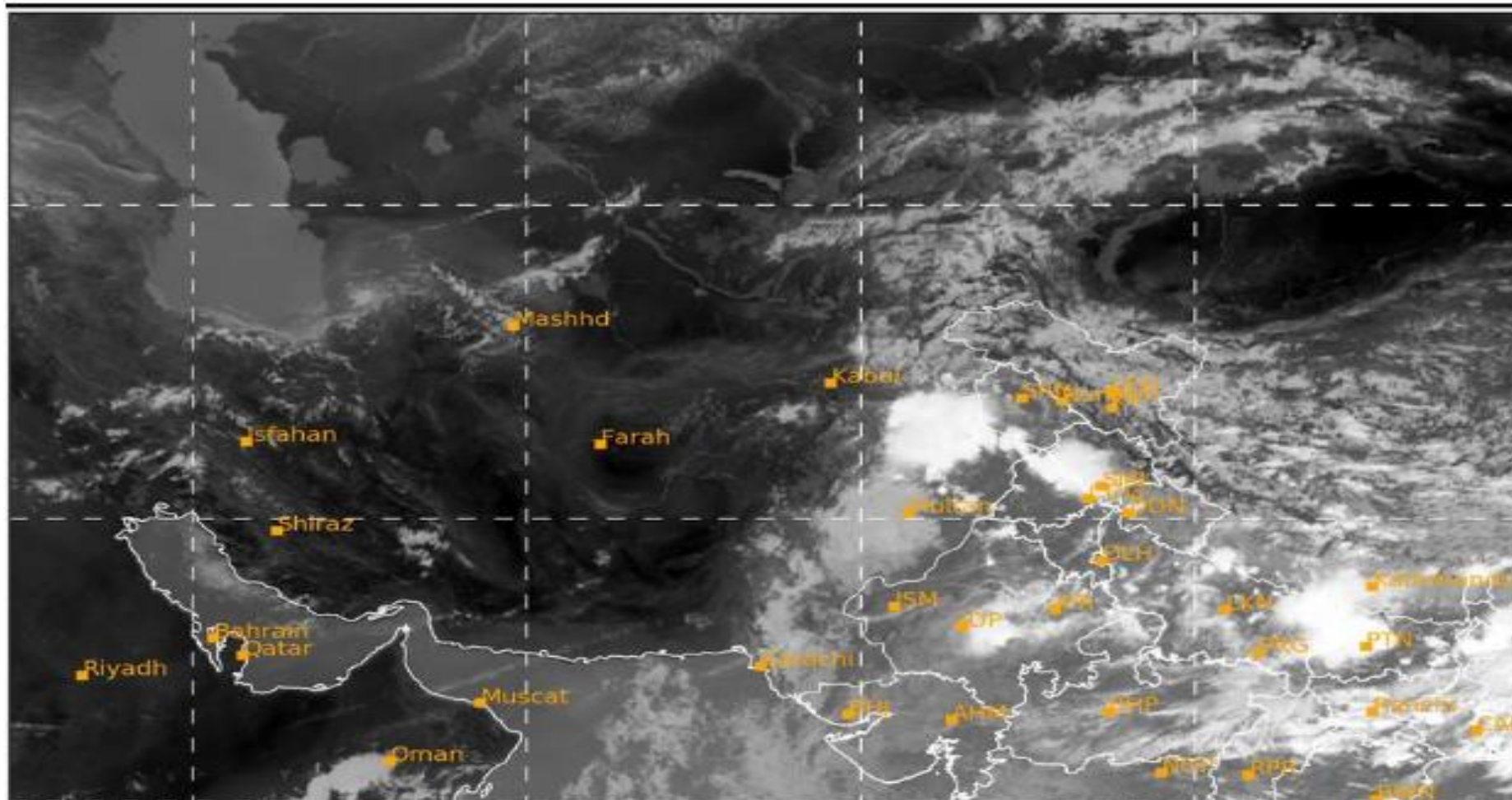
L1C Mercator

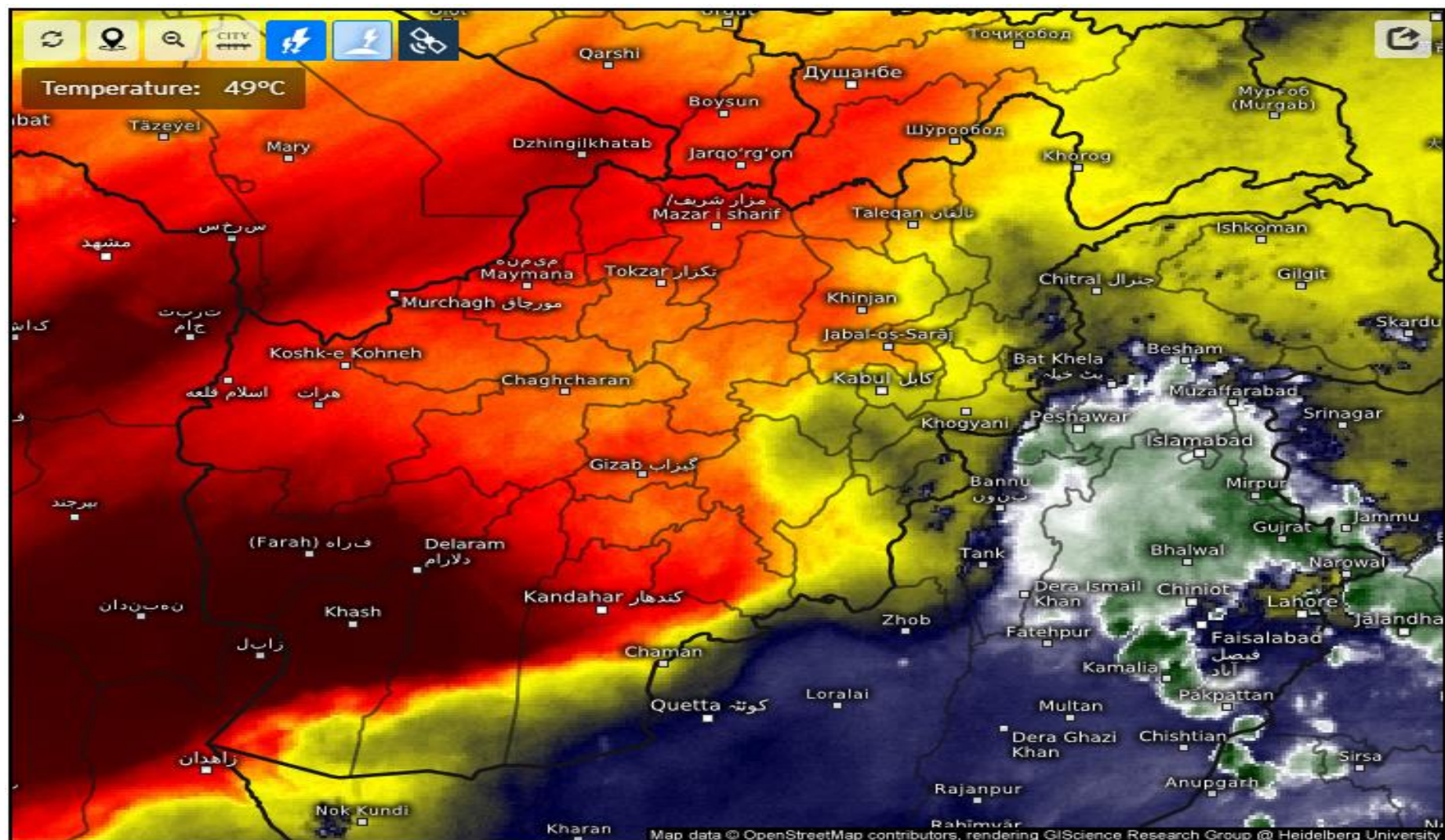
03-08-2026/(1215 to 1242) IST



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

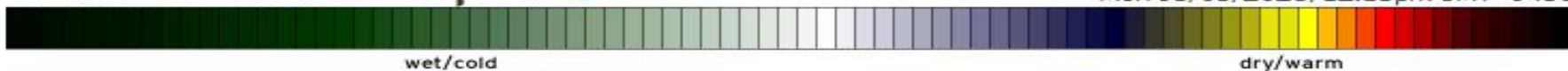
03-08-2026/(0645 to 0712) GMT
03-08-2026/(1215 to 1242) IST

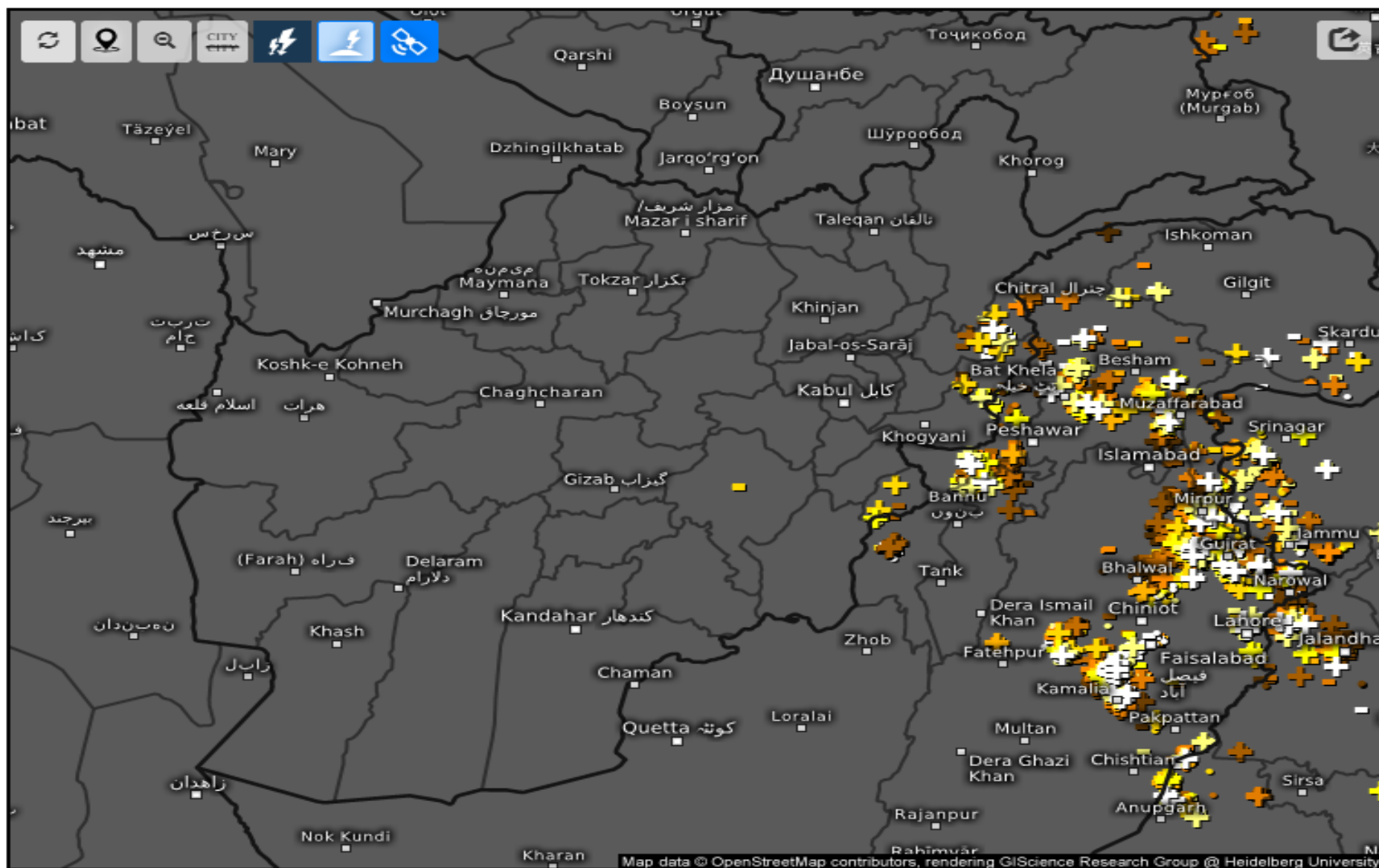




Satellite Water Vapor

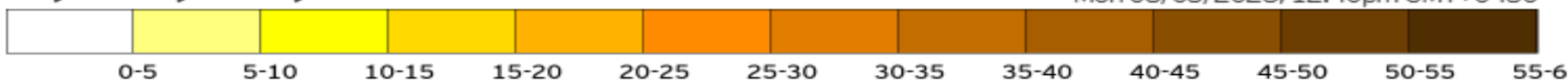
Mon 08/03/2026, 12:15pm GMT+0430





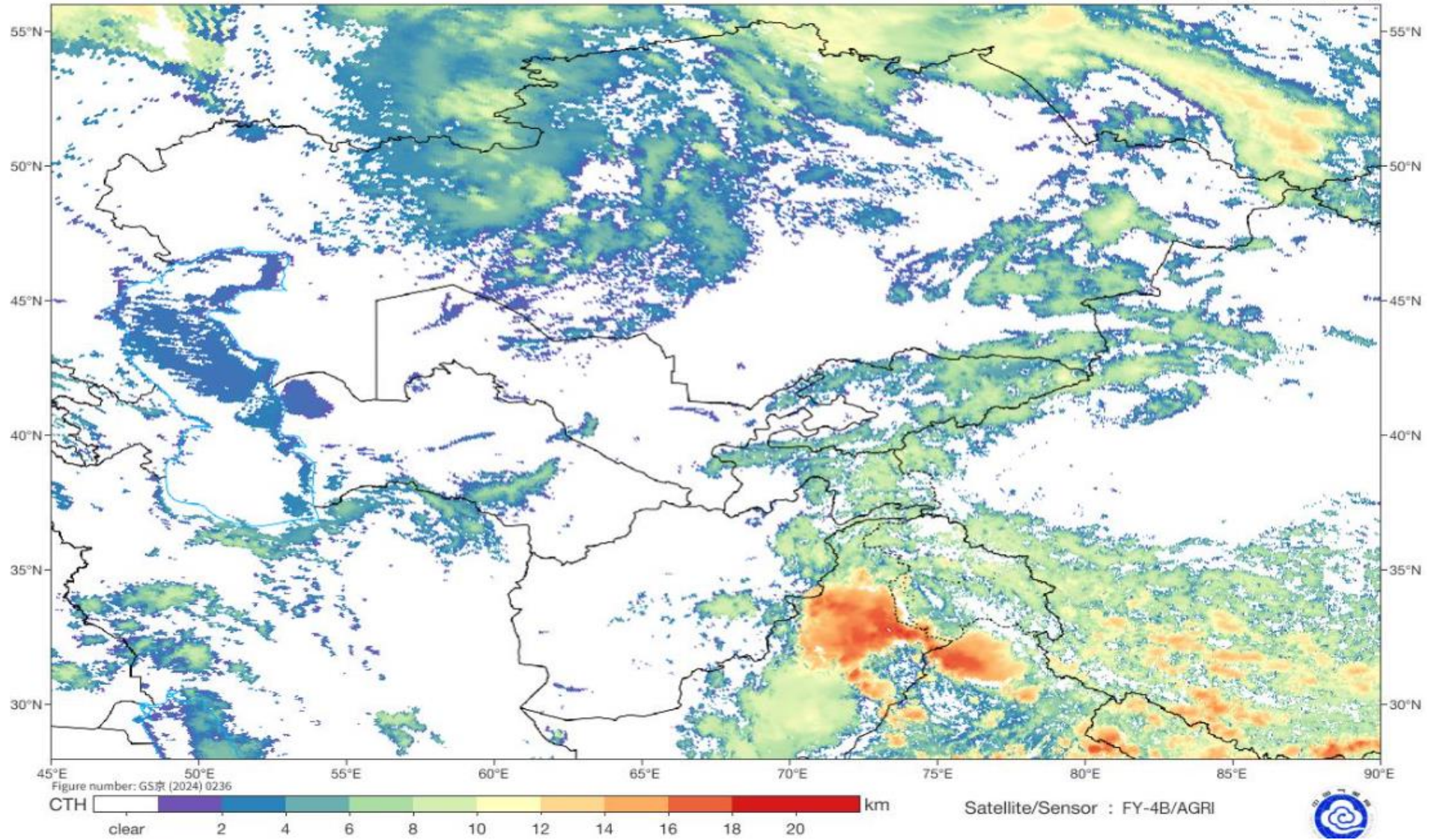
Age of lightning (minutes) 

Mon 08/03/2026, 12:40pm GMT+0430



Cloud Top Height

2026-08-03 07:30(UTC)



Fog Identification

2026-08-03 07:30(UTC)

