



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



Daily reports of Satellite imagery analysis. Date & Time: 12-08-2026, 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	X	✓ Dry/warm	X	✓	
2	South	✓	X	X	X	X	✓ Dry/warm	X	✓	
3	West	✓	light	X	X	X	✓ dry	X	X	
4	East	✓	X	X	✓	✓	✓ Moderate	X	X	CTH
5	central	✓	X	X	✓	X	✓ weak	X	X	
6	Northeast	✓	X	X	✓	✓	✓ weak	X	X	
7	Southeast	✓	X	✓	✓	X	✓ Moderate	X	X	CTH+ lightning
8	Northwest	✓	light	X	X	X	✓ Dry/warm	X	X	
9	Southwest	X	light	X	X	X	✓ dry	X	✓	DUST STORM

Details: According to satellite imagery analysis, the western, central, northeastern, northwestern regions have a warm air mass with (High UTH). The southern, southeastern regions have clod air mass. The western, northwestern and southwestern regions have dust. The southern region has lightning. The eastern, central, northeastern and southeastern regions have partly cloudy skies. The eastern and northeastern regions have Fog or water cloud. The all- regions have dry/warm water vapor with the exception of central, northeastern regions have weak water vapor and the eastern, southeastern regions have moderate water vapor. The northern, southern and southwestern regions have Jetstream.

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

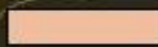
Reported by: Esmatullah Mohammadi

UTC: 2026-08-12 00:15

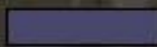
AirMass



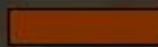
Thick,
high-level cloud



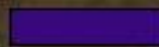
Thick,
mid-level cloud



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: 2026-08-12 00:15

Dust



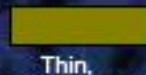
Dust



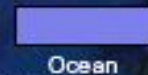
High-level cloud



Thick,
mid-level cloud



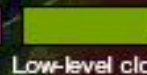
Thin,
mid-level cloud



Ocean



Land



Low-level cloud



Cirrus

R = IR (12.0) - IR (10.8)

G = IR (10.8) - IR (8.5)

B = IR (10.8)

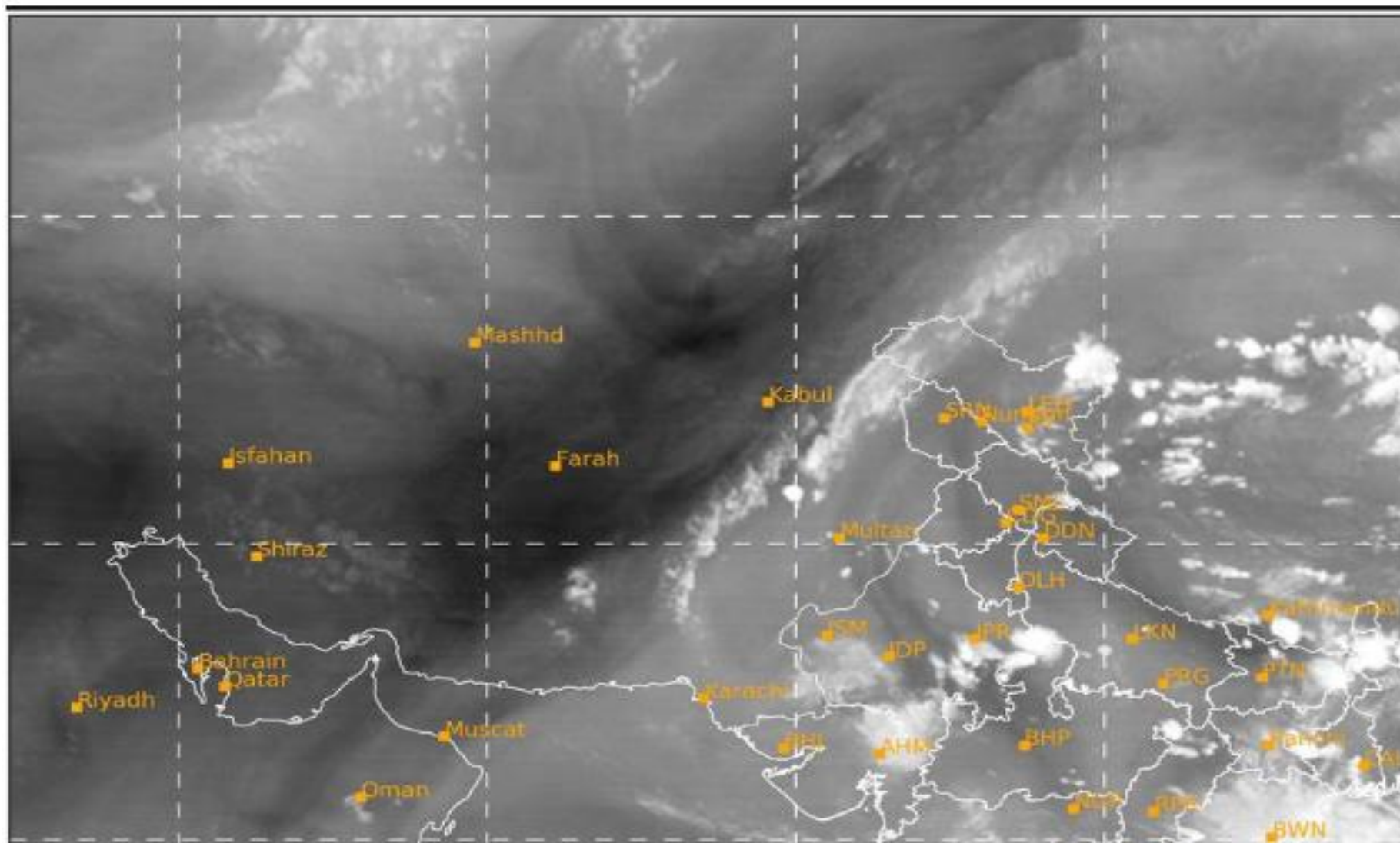
FY-4B Dust RGB Composite (From WMO)

Live satellite map, Afghanistan



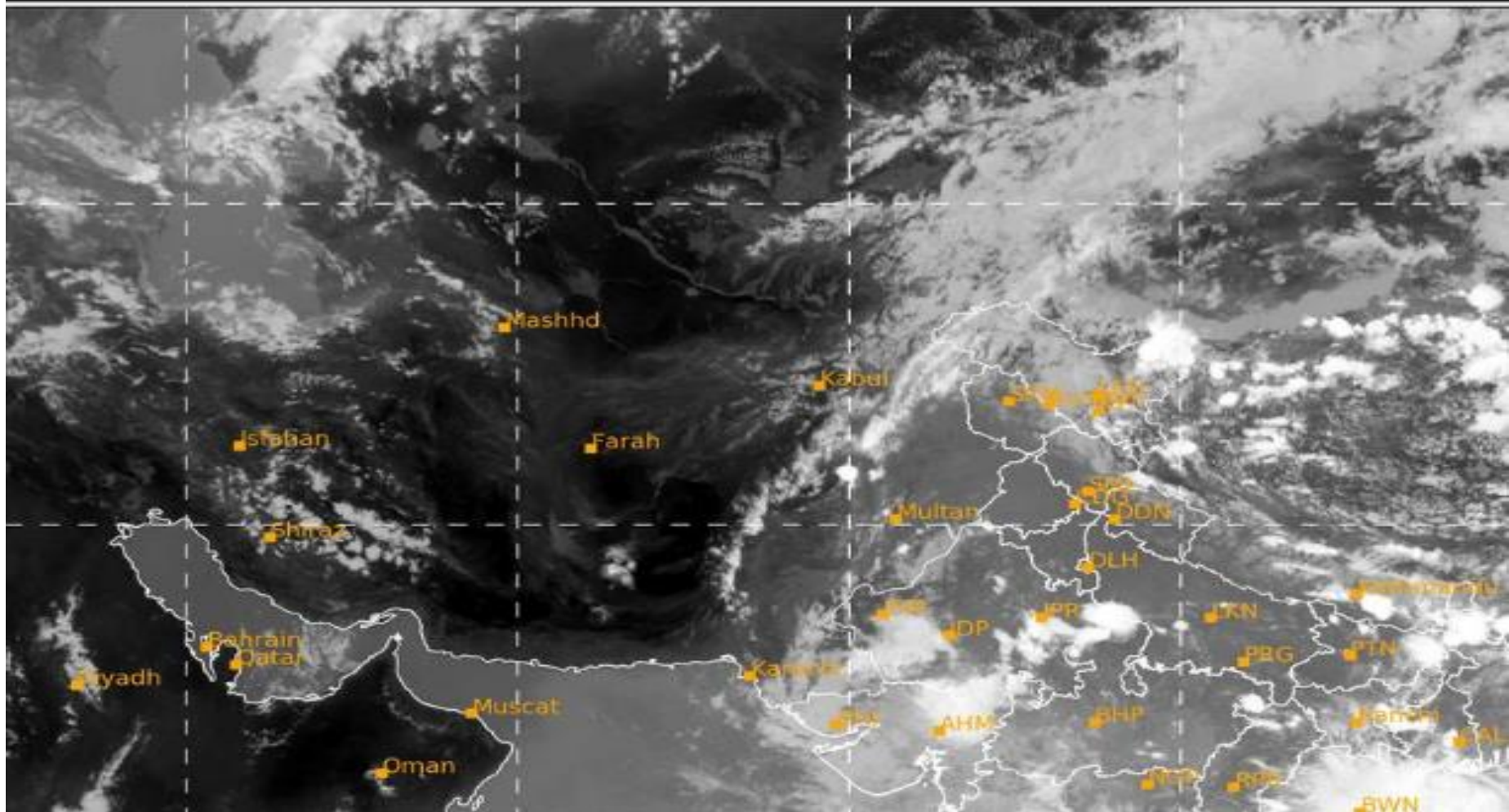
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

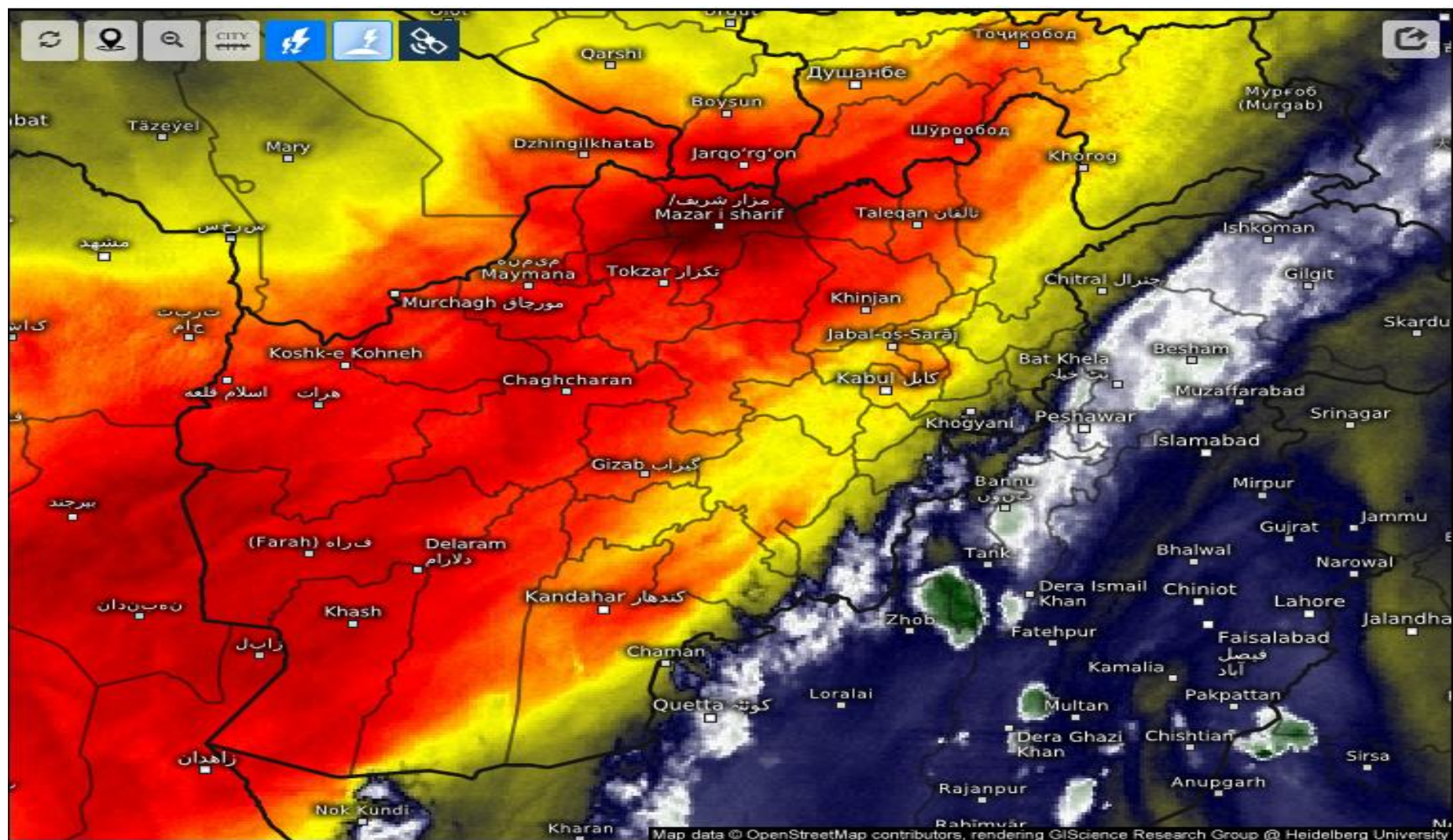
12-08-2026/(0815 to 0841) GMT
12-08-2026/(1345 to 1411) IST



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

12-08-2026/(0815 to 0841) GMT
12-08-2026/(1345 to 1411) IST

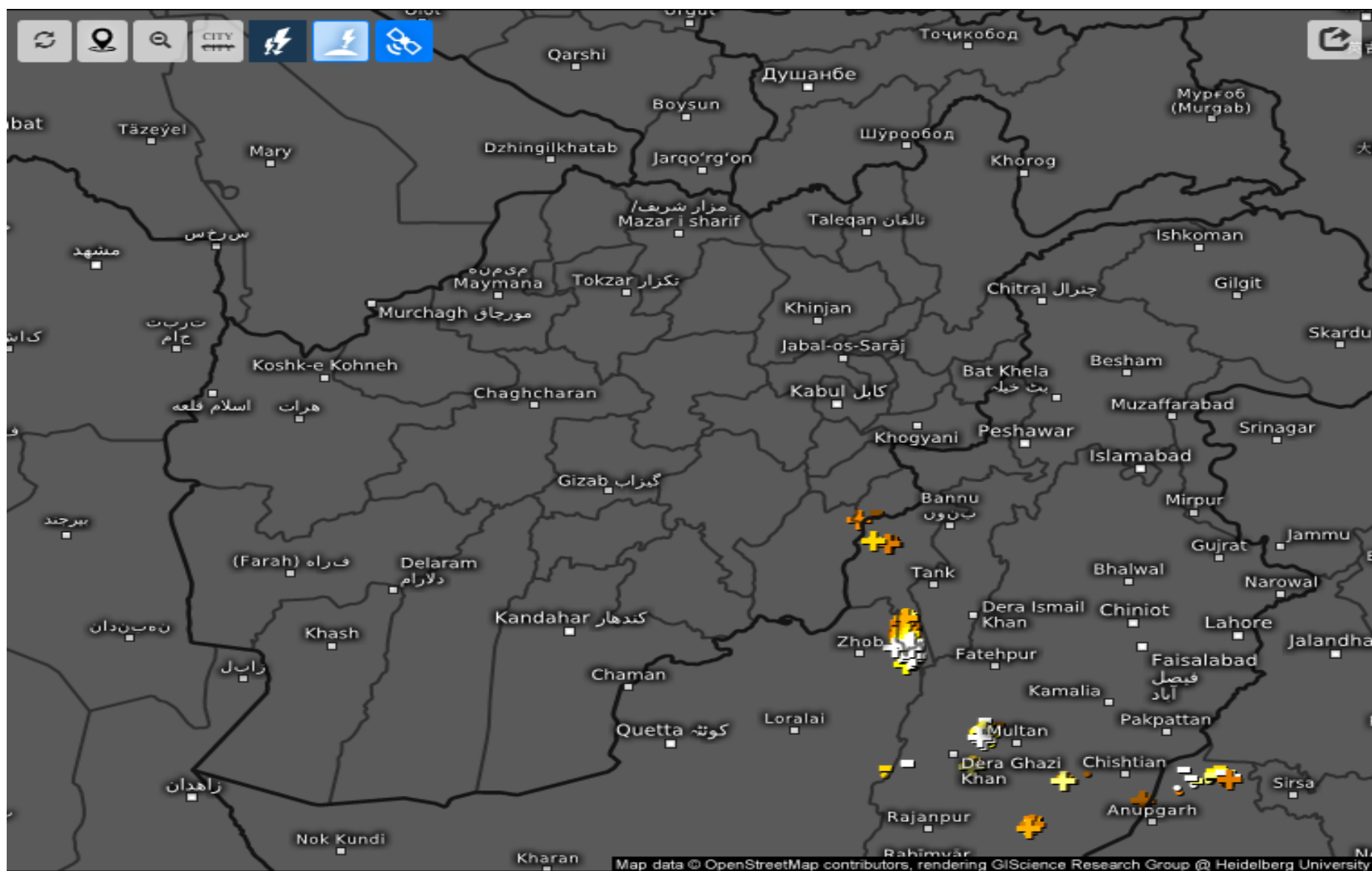




Satellite Water Vapor

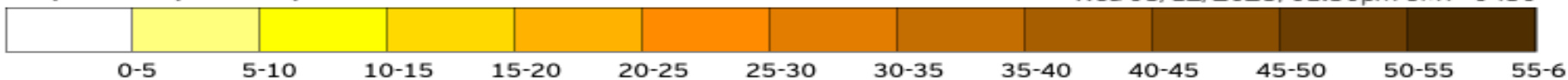
Wed 08/12/2026, 01:30pm GMT+0430





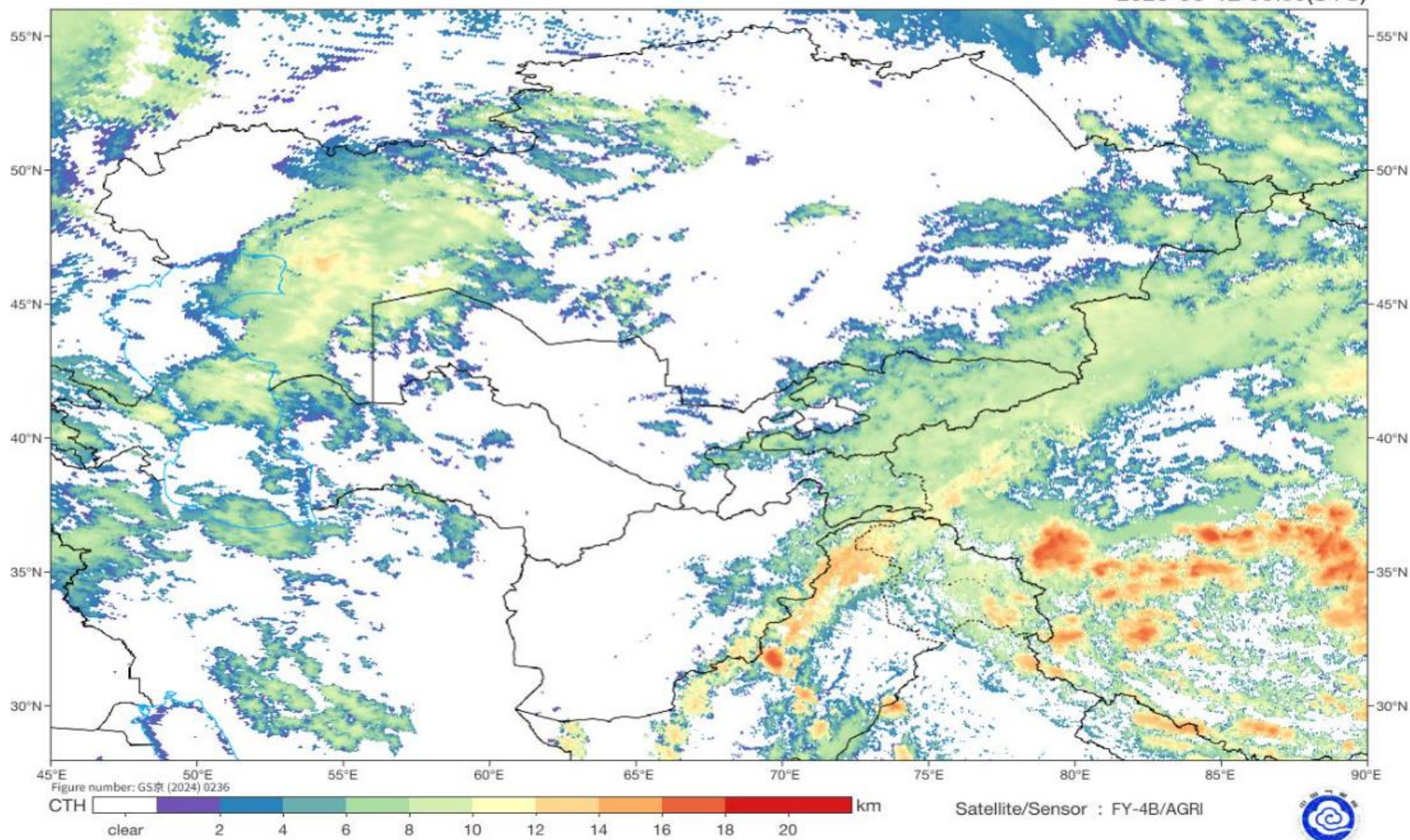
Age of lightning (minutes) 

Wed 08/12/2026, 01:30pm GMT+0430



Cloud Top Height

2026-08-12 09:00(UTC)



Fog Identification

2026-08-12 09:00(UTC)

