



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



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

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

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, central, southeastern, northwestern and southwestern regions have dust storm. The eastern and central regions have lightning. The northern, eastern, central, northeastern and southeastern regions have partly cloudy skies. The all- regions have dry/warm water vapor with the exception of northern, central, northeastern regions have weak water vapor. The northern, southern and southwestern regions have Jetstream.

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

Reported by: Esmatullah Mohammadi

UTC: 2026-08-08 00:00

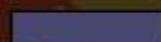
AirMass



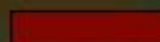
Thick,
high-level cloud



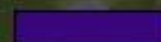
Thick,
mid-level cloud



Thick,
low-level cloud



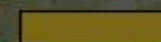
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-08-08 00:00

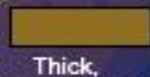
Dust



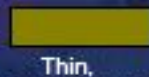
Dust



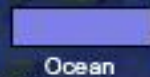
High-level cloud



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)

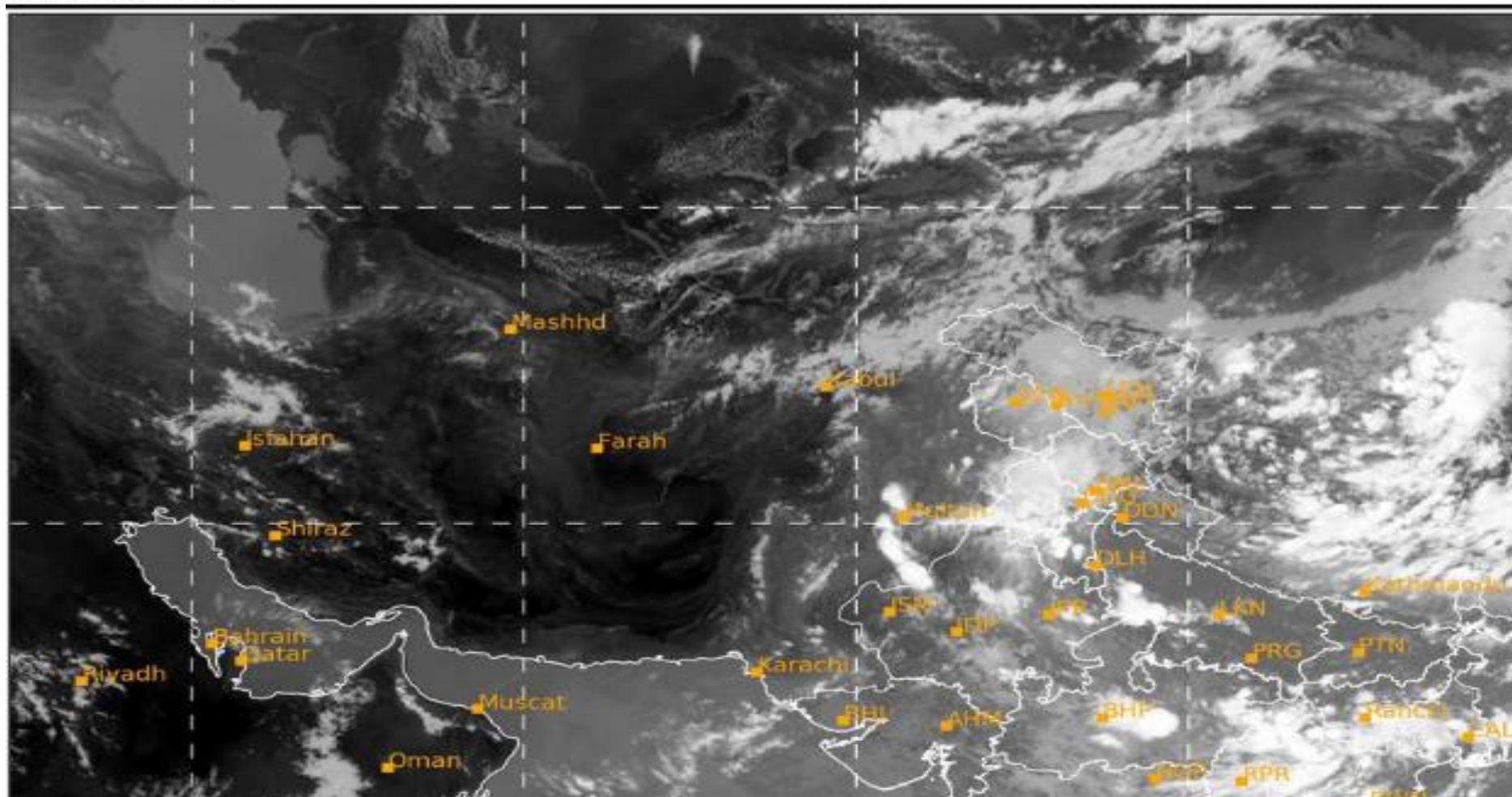
FY-4B Dust RGB Composite (From WMO)

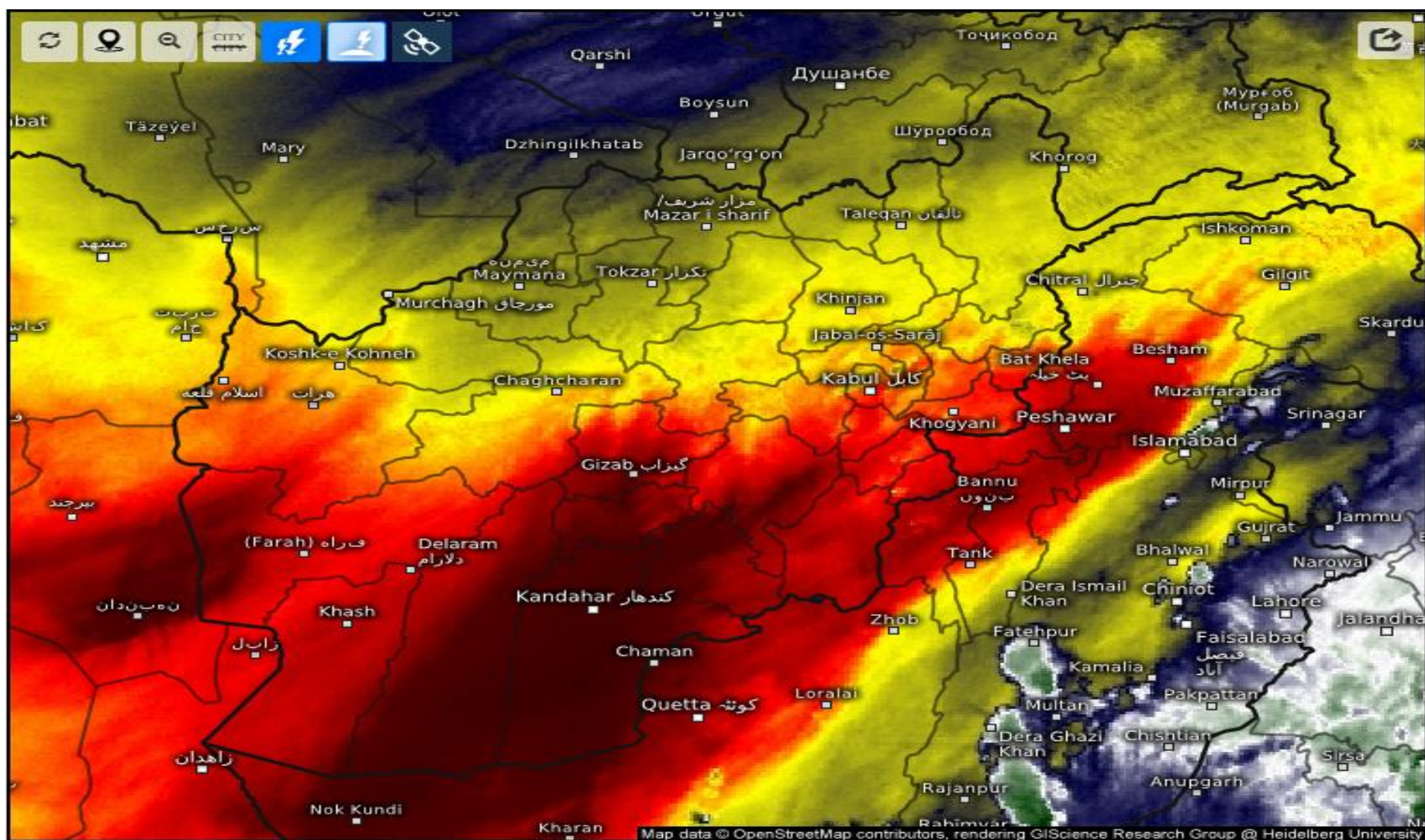
Live satellite map, Afghanistan



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

08-08-2026/(0845 to 0912) GMT
08-08-2026/(1415 to 1442) IST

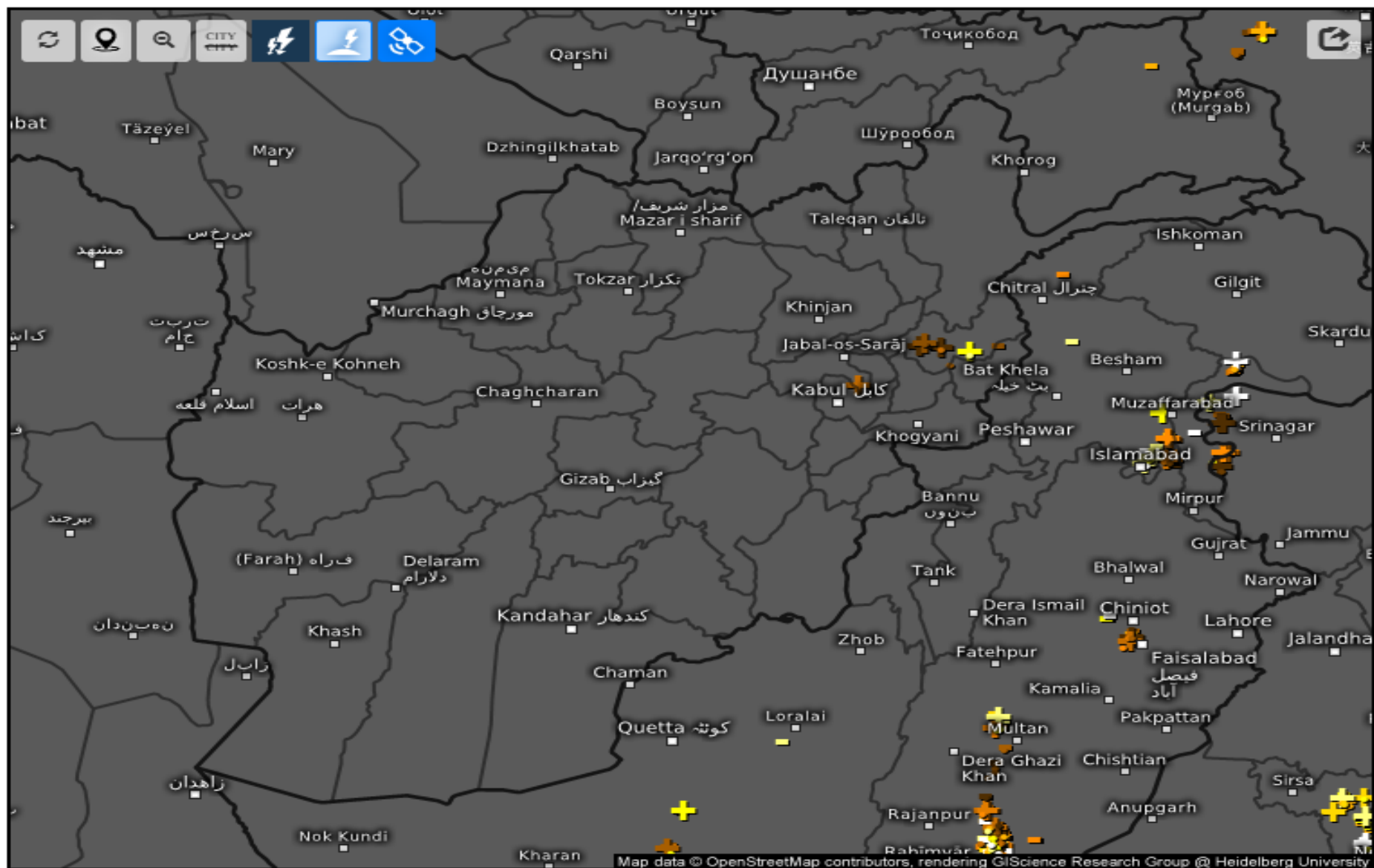




Satellite Water Vapor

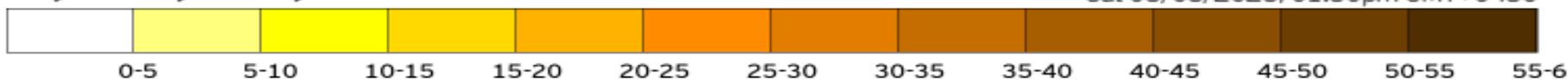
Sat 08/08/2026, 01:30pm GMT+0430





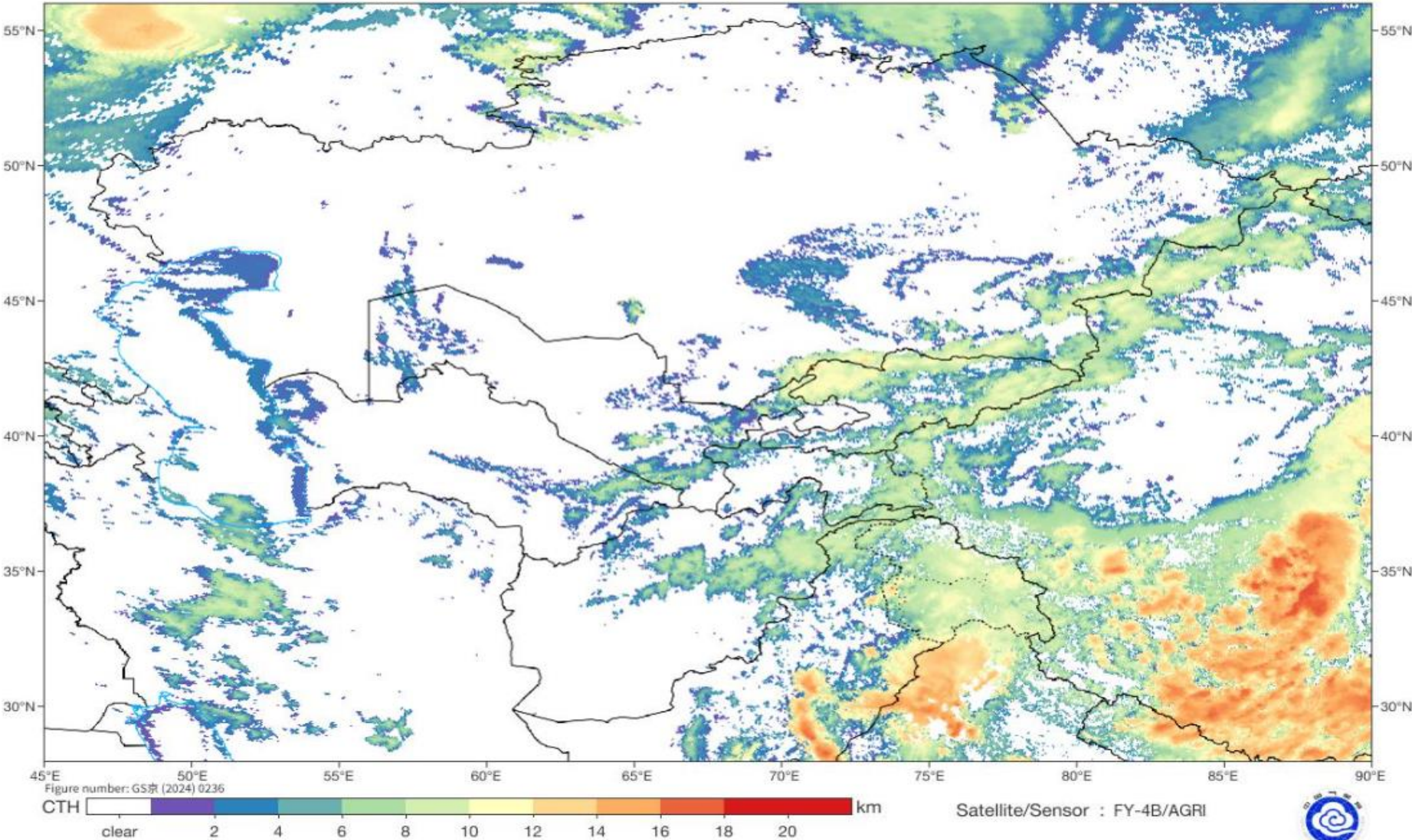
Age of lightning (minutes) 

Sat 08/08/2026, 01:30pm GMT+0430



Cloud Top Height

2026-08-08 09:00(UTC)



Fog Identification

2026-08-08 09:00(UTC)

