



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



Daily reports of Satellite imagery analysis. Date & Time: 13-08-2026, 07:30 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	✓	
2	South	✓	X	X	X	X	✓ weak	X	✓	
3	West	✓	light	X	X	X	✓ dry	X	X	
4	East	✓	X	X	✓	X	✓ weak	X	X	
5	central	✓	X	X	X	X	✓ weak	X	X	
6	Northeast	✓	X	X	✓	X	✓ weak	X	X	
7	Southeast	✓	X	X	✓	X	✓ weak	X	X	
8	Northwest	✓	light	X	X	X	✓ Dry/warm	X	X	
9	Southwest	✓	light	X	X	X	✓ weak	X	✓	DUST STORM

Details: According to satellite imagery analysis, the northern, western, central, northeastern, northwestern regions have a warm air mass with (High UTH). The southern, southeastern and southwestern regions have clod air mass. The western, northwestern and southwestern regions have dust. The eastern, northeastern and southeastern regions have partly cloudy skies. The northern, western, northwestern regions have dry/warm water vapor and the southern, eastern, central, northeastern, southeastern, southwestern regions have weak water vapor. The northern, southern and southwestern regions have Jetstream.

Not: X (Not existing phenomena) V (existing phenomena)

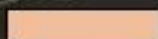
Reported by: Esmatullah Mohammadi

UTC: 2026-08-12 22:15

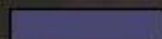
AirMass



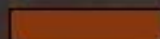
Thick,
high-level cloud



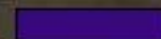
Thick,
mid-level cloud



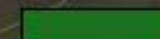
Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-08-12 22:30

Dust



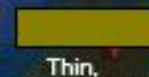
Dust



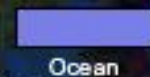
High-level cloud



Thick,
mid-level cloud



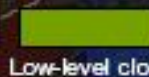
Thin,
mid-level cloud



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)

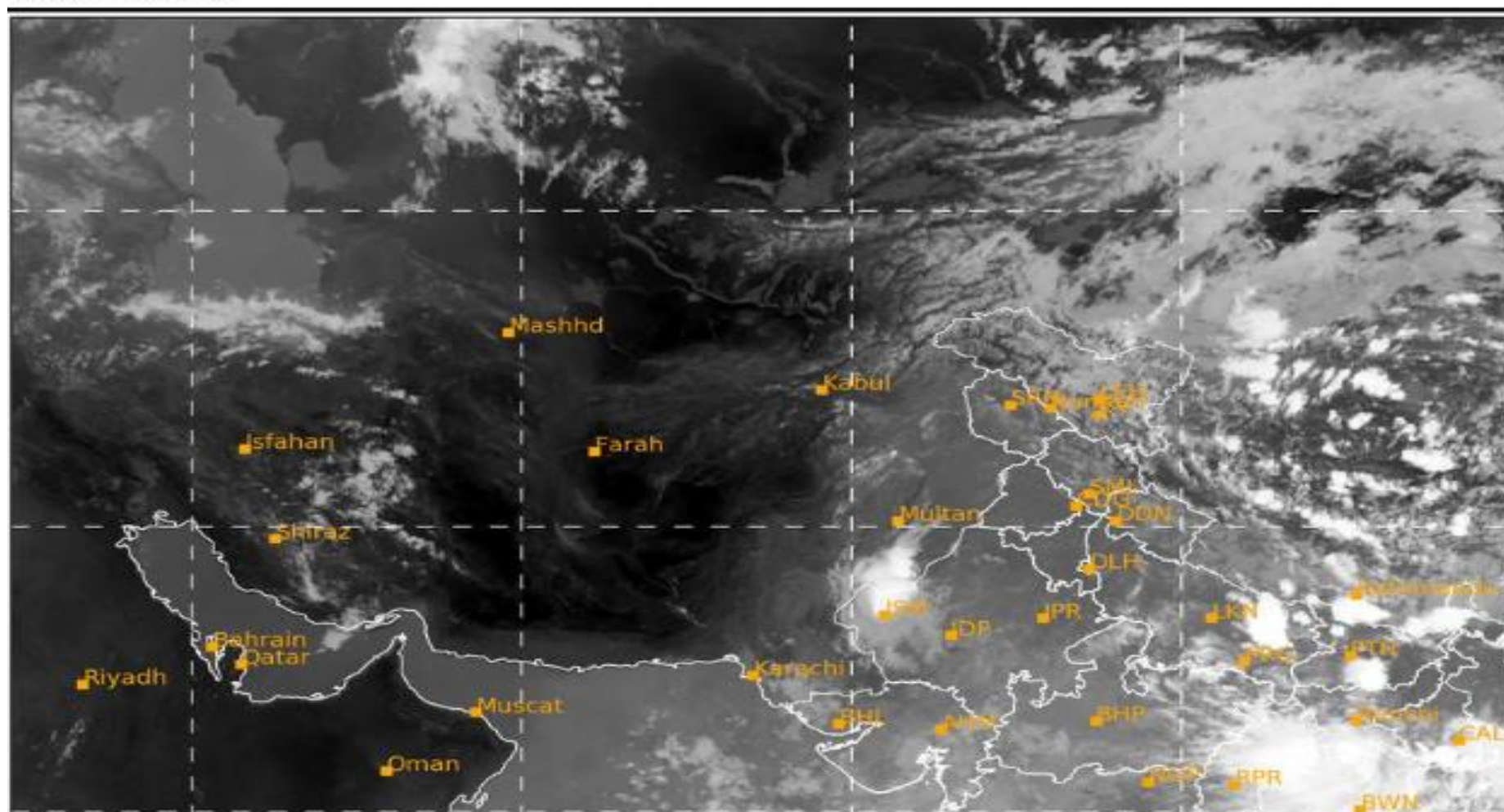
Live satellite map, Afghanistan

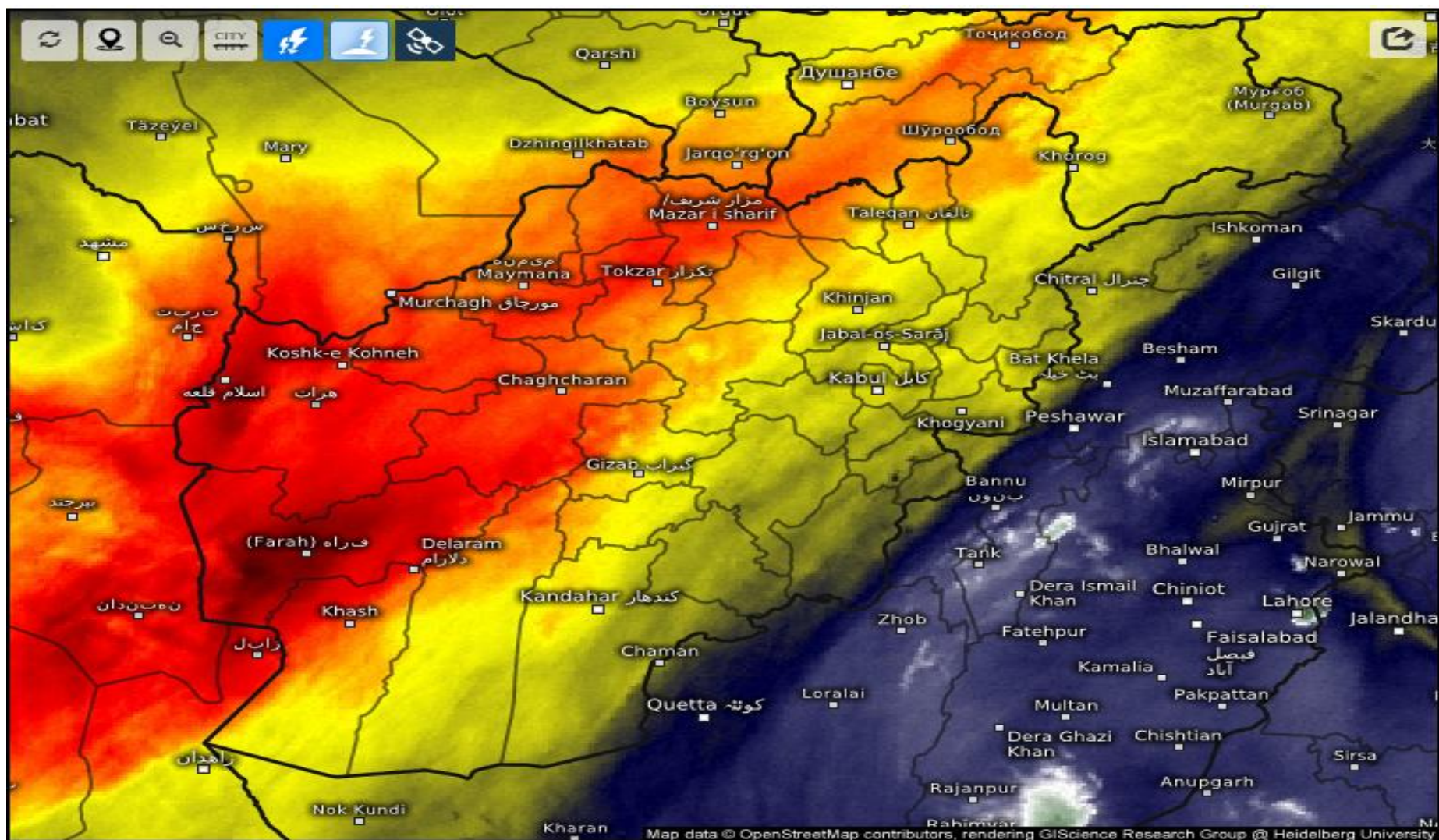


[illegible]

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

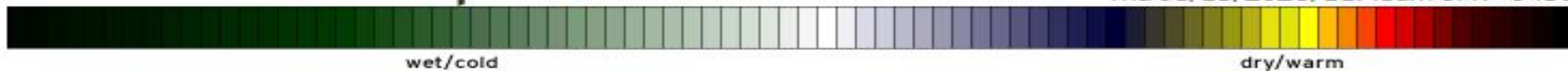
13-08-2026/(0615 to 0642) GMT
13-08-2026/(1145 to 1212) IST

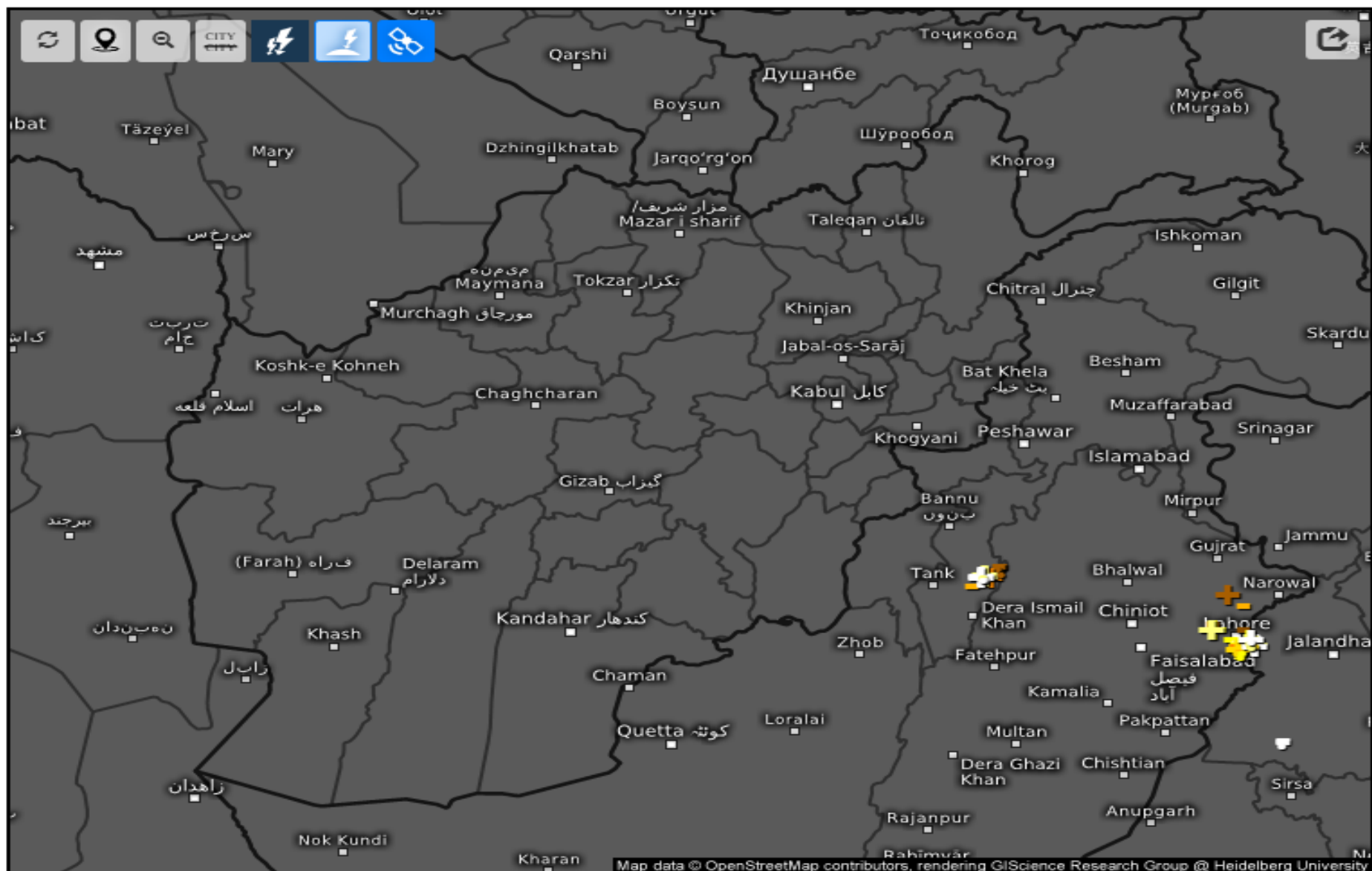




Satellite Water Vapor

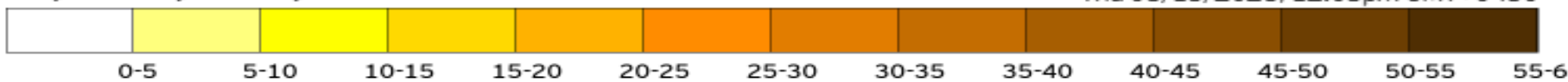
Thu 08/13/2026, 11:45am GMT+0430





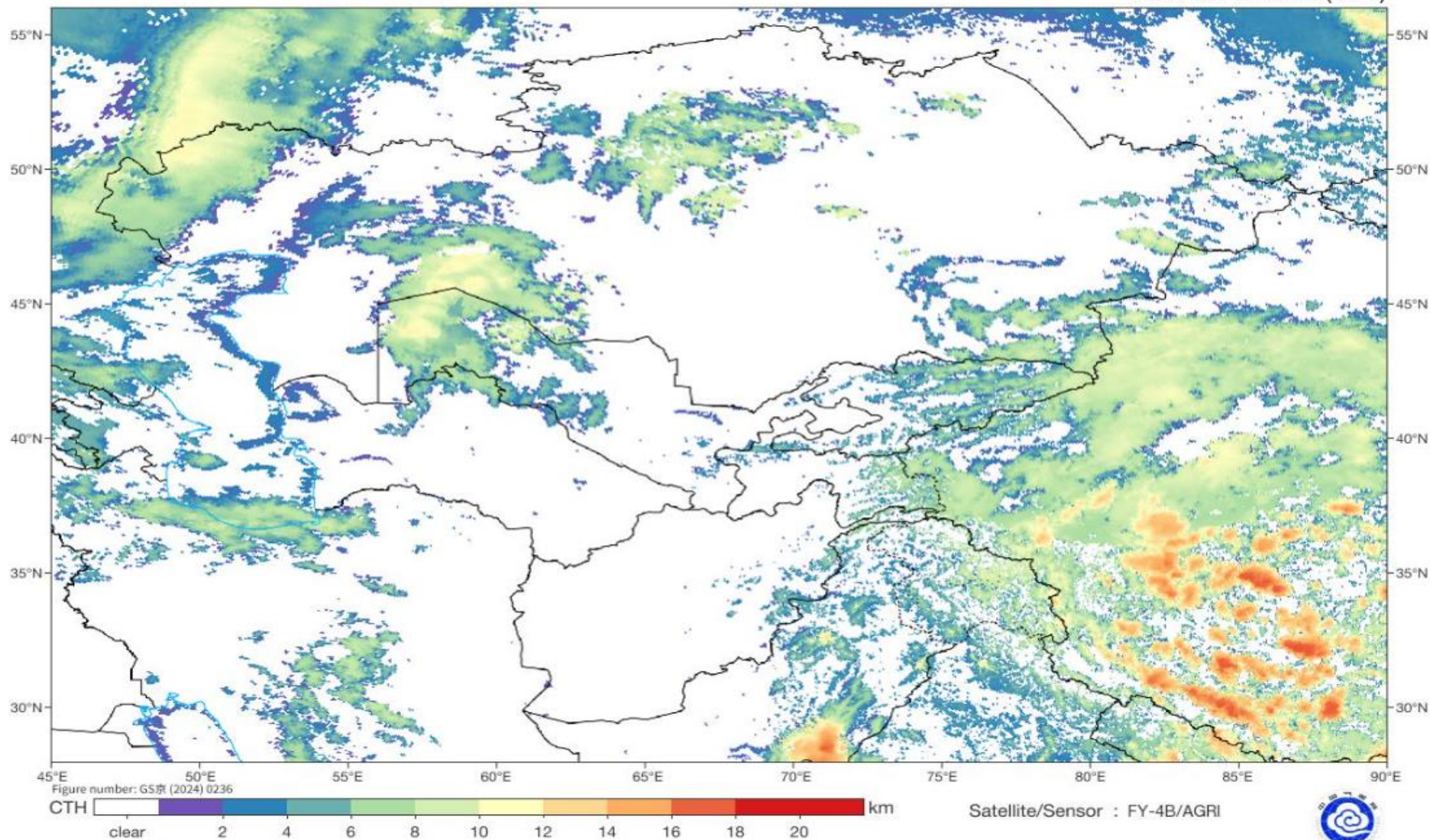
Age of lightning (minutes) 

Thu 08/13/2026, 12:05pm GMT+0430



Cloud Top Height

2026-08-13 07:00(UTC)



Fog Identification

2026-08-13 07:15(UTC)

