



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



Daily reports of Satellite imagery analysis. Date & Time: 11-08-2026, 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	X	✓ Dry/warm	X	✓	
3	West	✓	light	X	X	X	✓ dry	X	X	
4	East	✓	X	X	✓	X	✓ weak	X	X	
5	central	✓	X	X	✓	X	✓ weak	X	X	
6	Northeast	✓	X	X	✓	X	✓ weak	X	X	
7	Southeast	✓	light	X	✓	X	✓ Dry/warm	X	X	
8	Northwest	✓	X	X	X	X	✓ Dry/warm	X	X	
9	Southwest	X	light	X	X	X	✓ dry	X	✓	

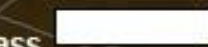
Details: According to satellite imagery analysis, the western, central, northeastern, southeastern, northwestern regions have a warm air mass with (High UTH). The western, southeastern and southwestern regions have dust. The eastern, central, northeastern and southeastern regions have partly cloudy skies. The all- regions have dry/warm water vapor with the exception of eastern, central, northeastern 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: 2026-08-11 00:00

AirMass



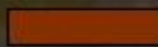
Thick,
high-level cloud



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: 2026-08-11 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)

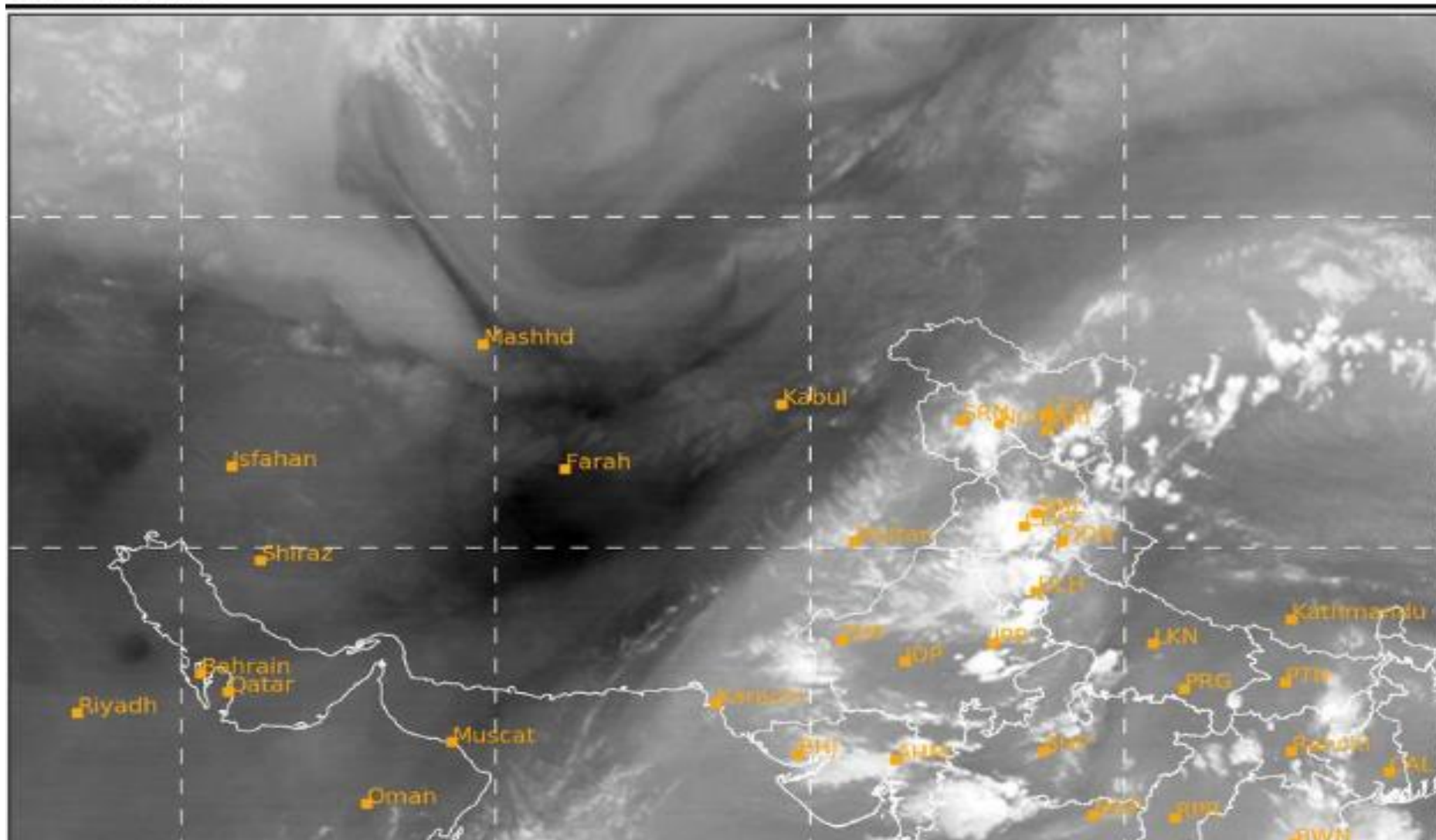
FY-4B Dust RGB Composite (From WMO)

Live satellite map, Afghanistan



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

11-08-2026/(0745 to 0812) GMT
11-08-2026/(1315 to 1342) IST



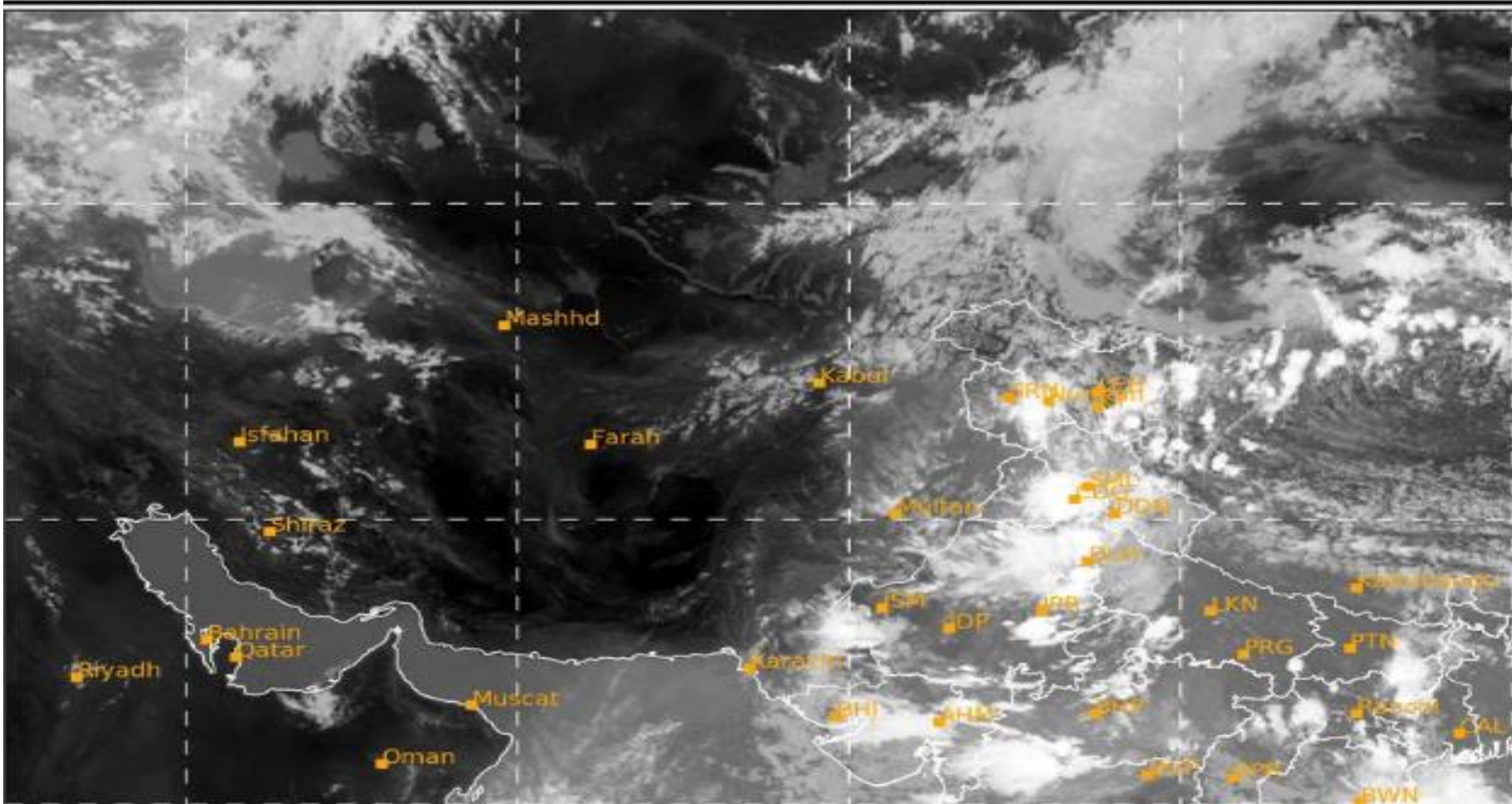
SAT : INSAT-3DR IMG

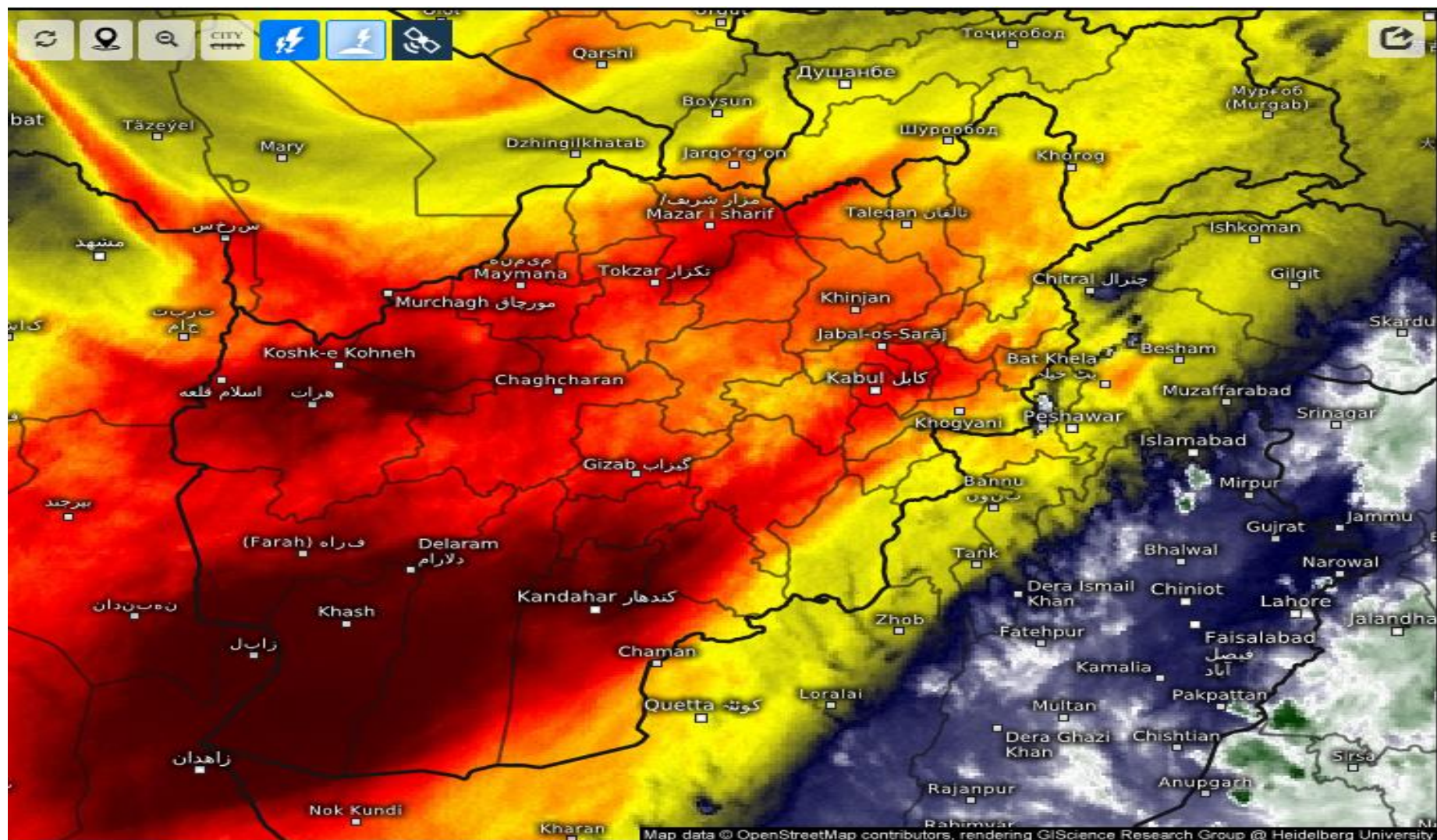
IMG_TIR1 10.8 um

L1C Mercator

11-08-2026/(0745 to 0812) GMT

11-08-2026/(1315 to 1342) IST

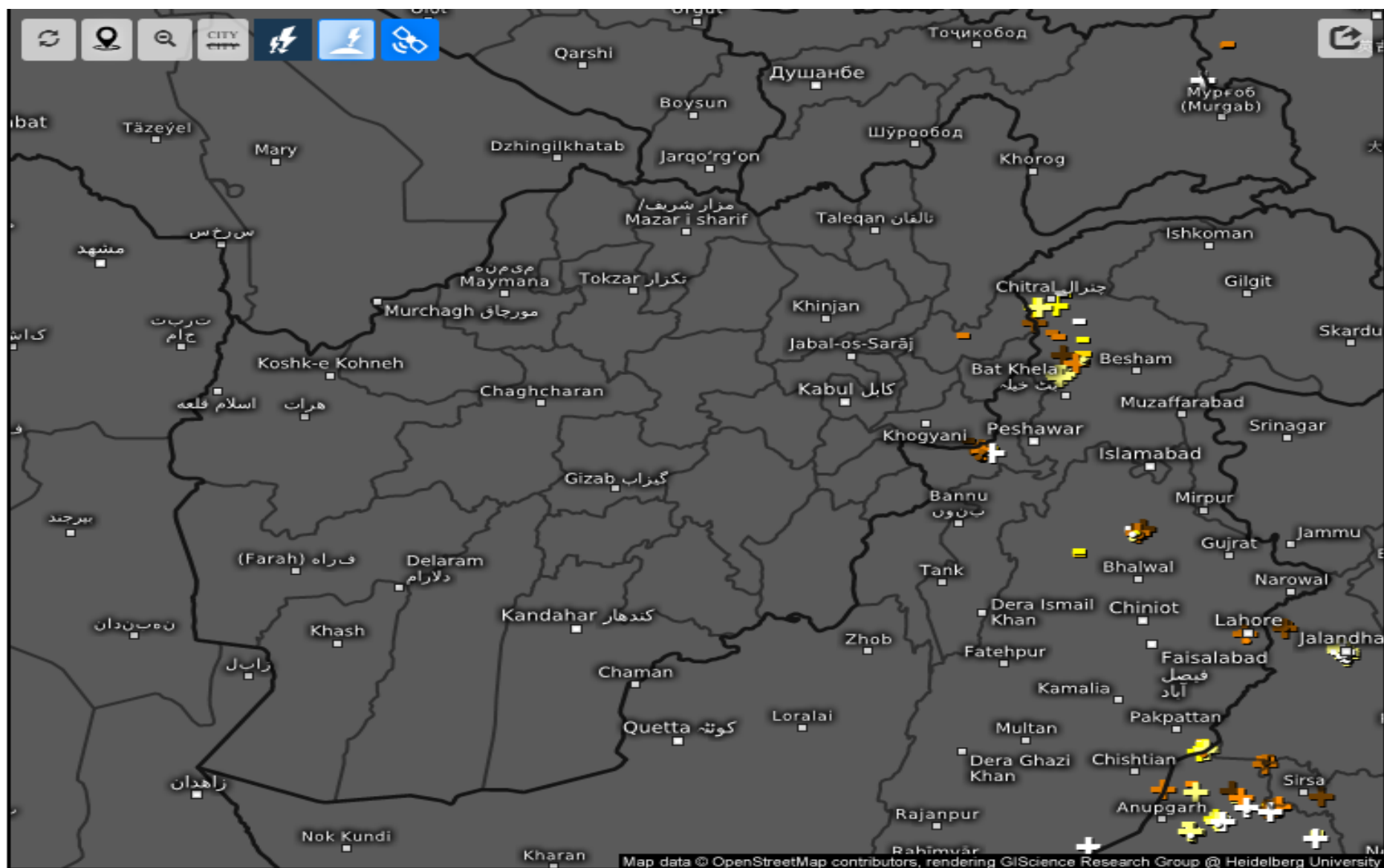




Satellite Water Vapor

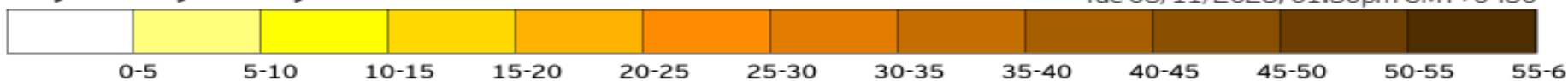
Tue 08/11/2026, 01:30pm GMT+0430





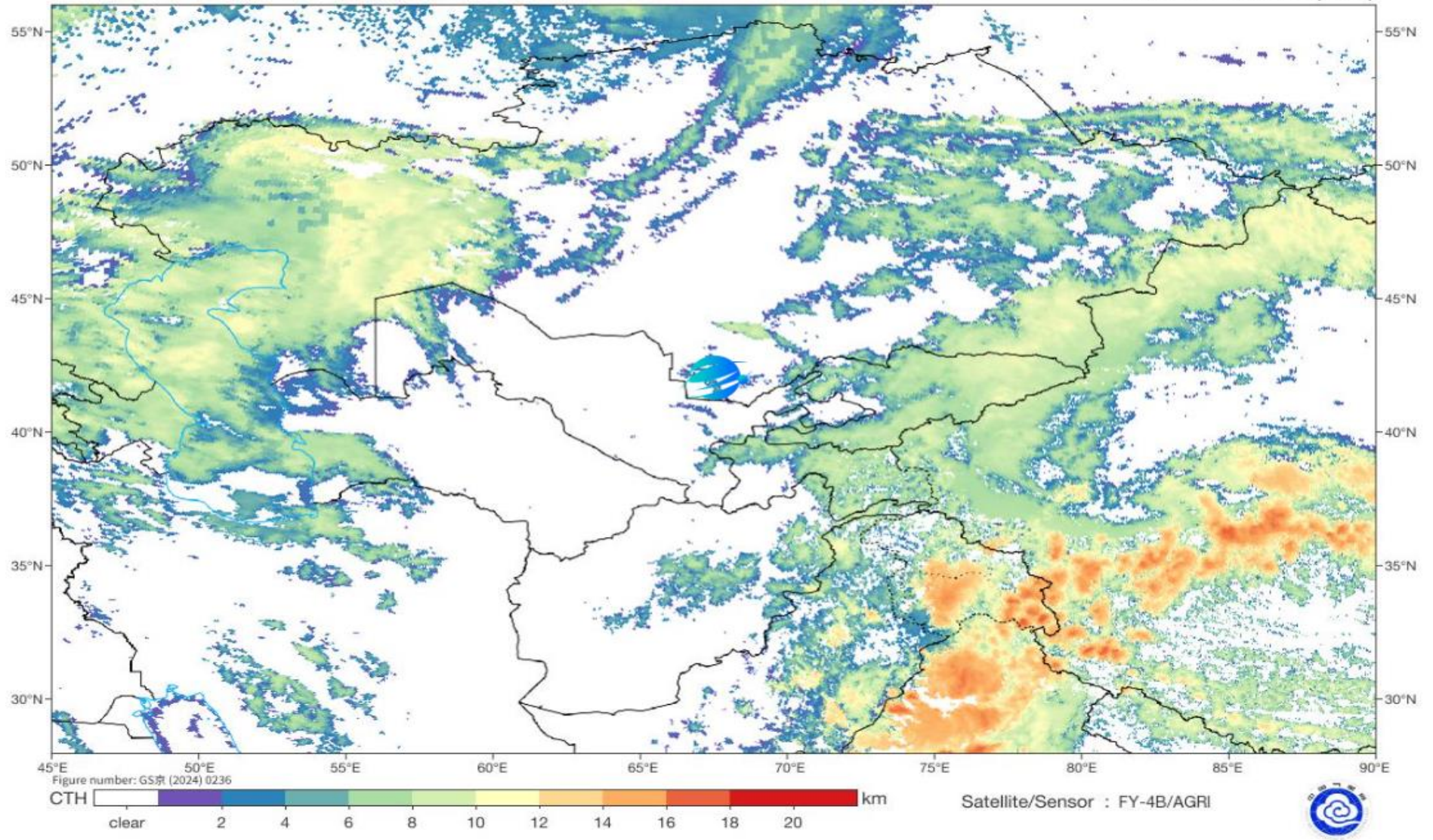
Age of lightning (minutes) 

Tue 08/11/2026, 01:50pm GMT+0430



Cloud Top Height

2026-08-11 08:45(UTC)



Fog Identification

2026-08-11 09:00(UTC)

