



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



Daily reports of Satellite imagery analysis. Date & Time: 18-08-2026, 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	X	light	X	X	X	✓ dry	X	✓	
4	East	✓	X	✓	✓	X	✓ weak	X	X	
5	central	✓	light	X	X	X	✓ Dry/warm	X	X	
6	Northeast	✓	X	X	✓	X	✓ Dry/warm	X	X	
7	Southeast	✓	X	X	✓	X	✓ weak	X	X	
8	Northwest	✓	light	X	X	X	✓ Dry/warm	X	X	
9	Southwest	X	light	X	X	X	✓ Dry/warm	X	✓	

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

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

Reported by: Esmatullah Mohammadi

UTC: 2026-08-18 00:15

AirMass



Thick,
high-level cloud



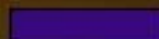
Thick,
mid-level cloud



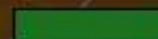
Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

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

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-08-18 00:15

Dust



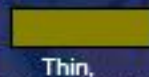
Dust



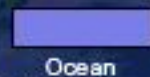
High-level cloud



Thick,
mid-level cloud



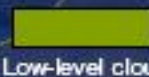
Thin,
mid-level cloud



Ocean



Land



Low-level cloud



Cirrus

R = IR (12.0) - IR (10.8)
G = IR (10.8) - IR (8.5)
B = IR (10.8)

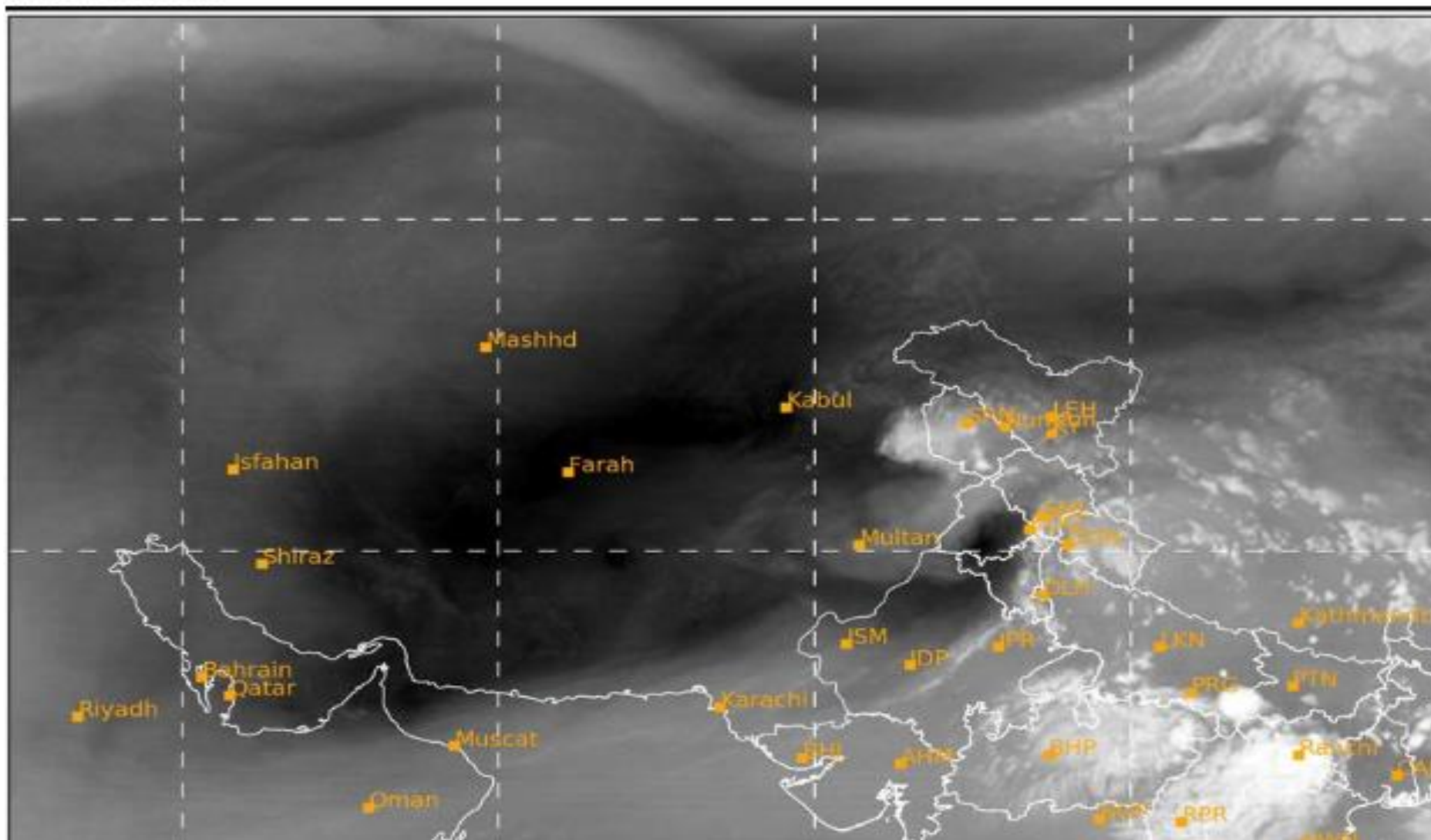
FY-4B Dust RGB Composite (From WMO)

Live satellite map, Afghanistan



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

18-08-2026/(0715 to 0742) GMT
18-08-2026/(1245 to 1312) IST



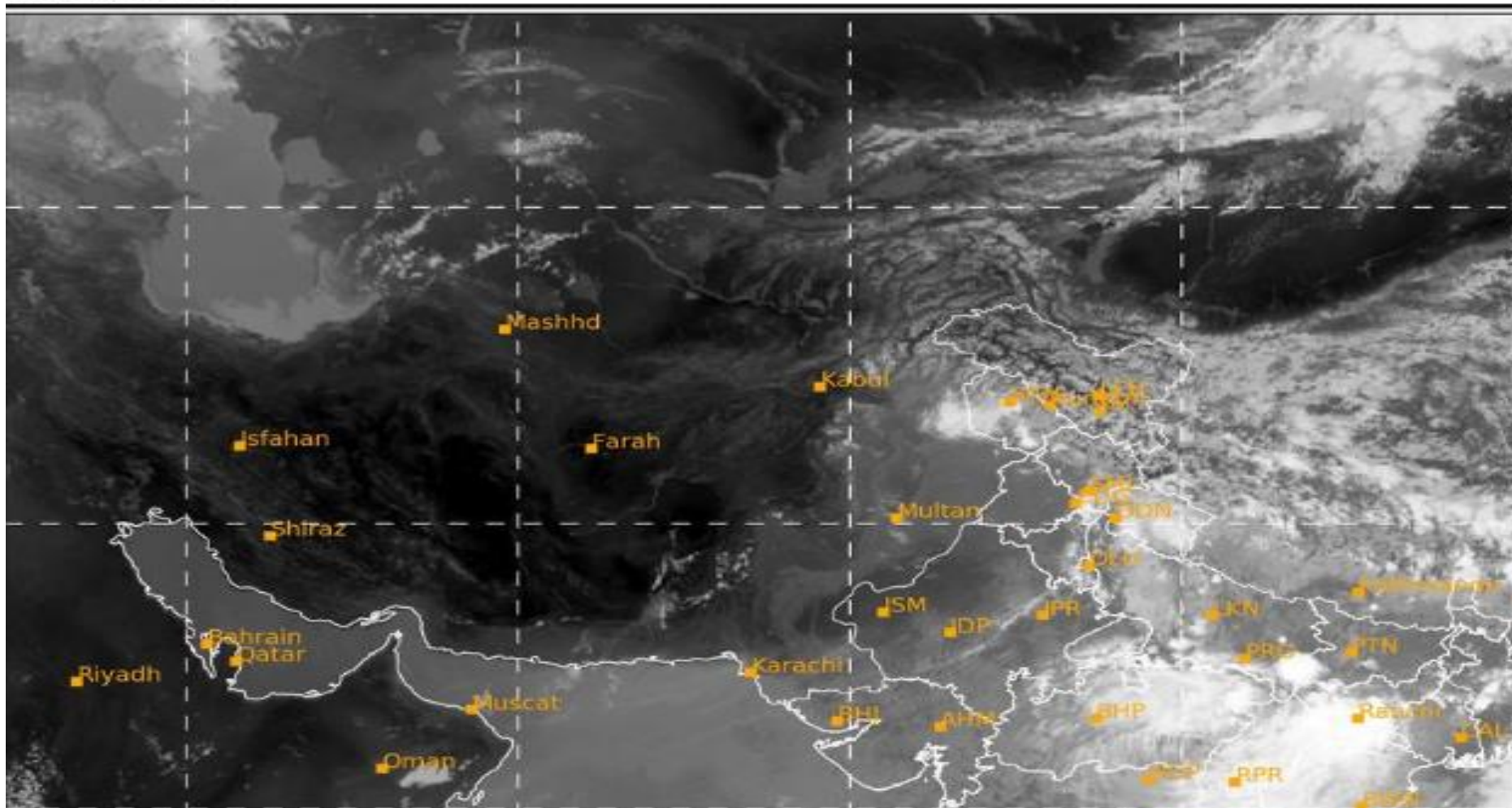
SAT : INSAT-3DR IMG

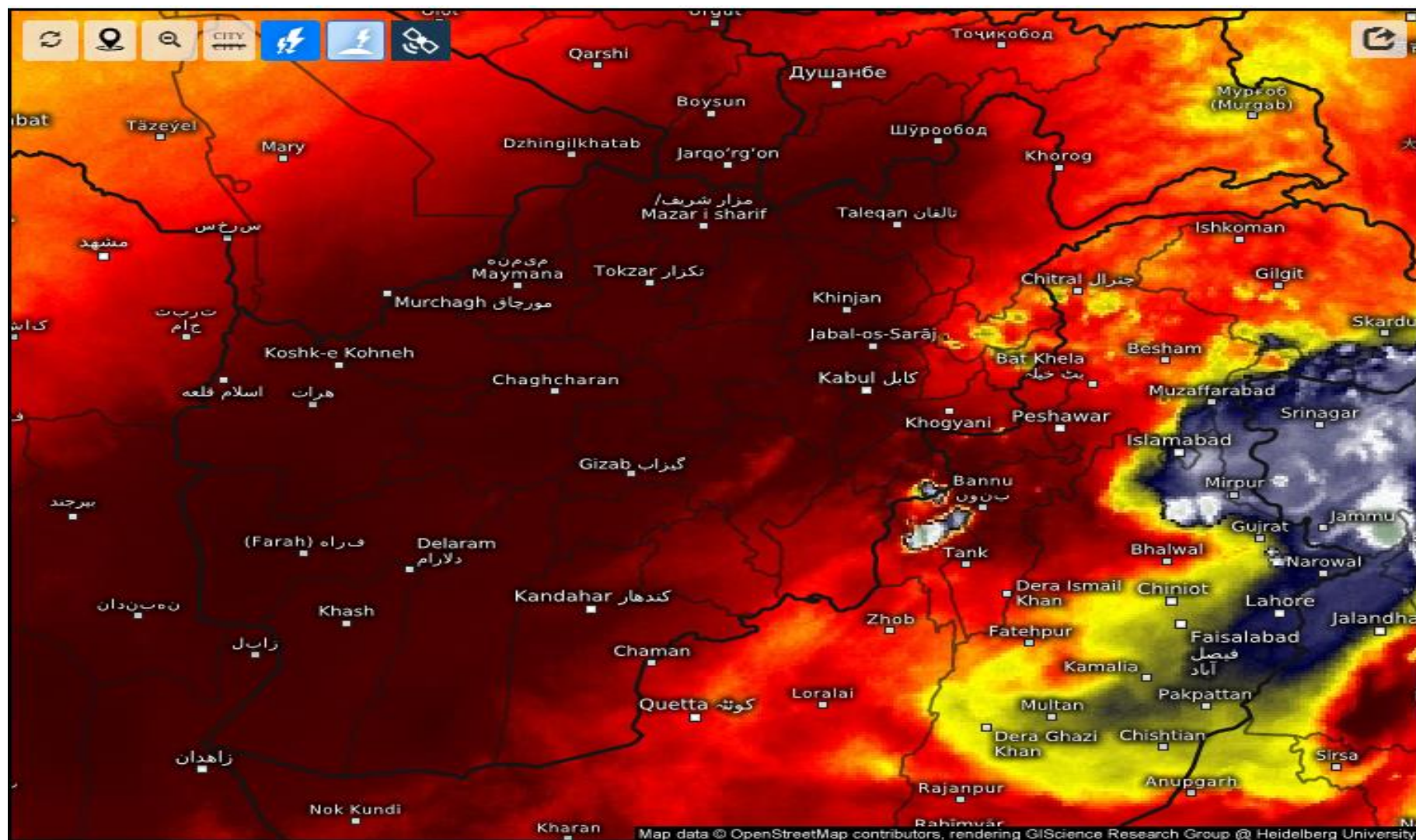
IMG_TIR1 10.8 um

L1C Mercator

18-08-2026/(0715 to 0742) GMT

18-08-2026/(1245 to 1312) IST

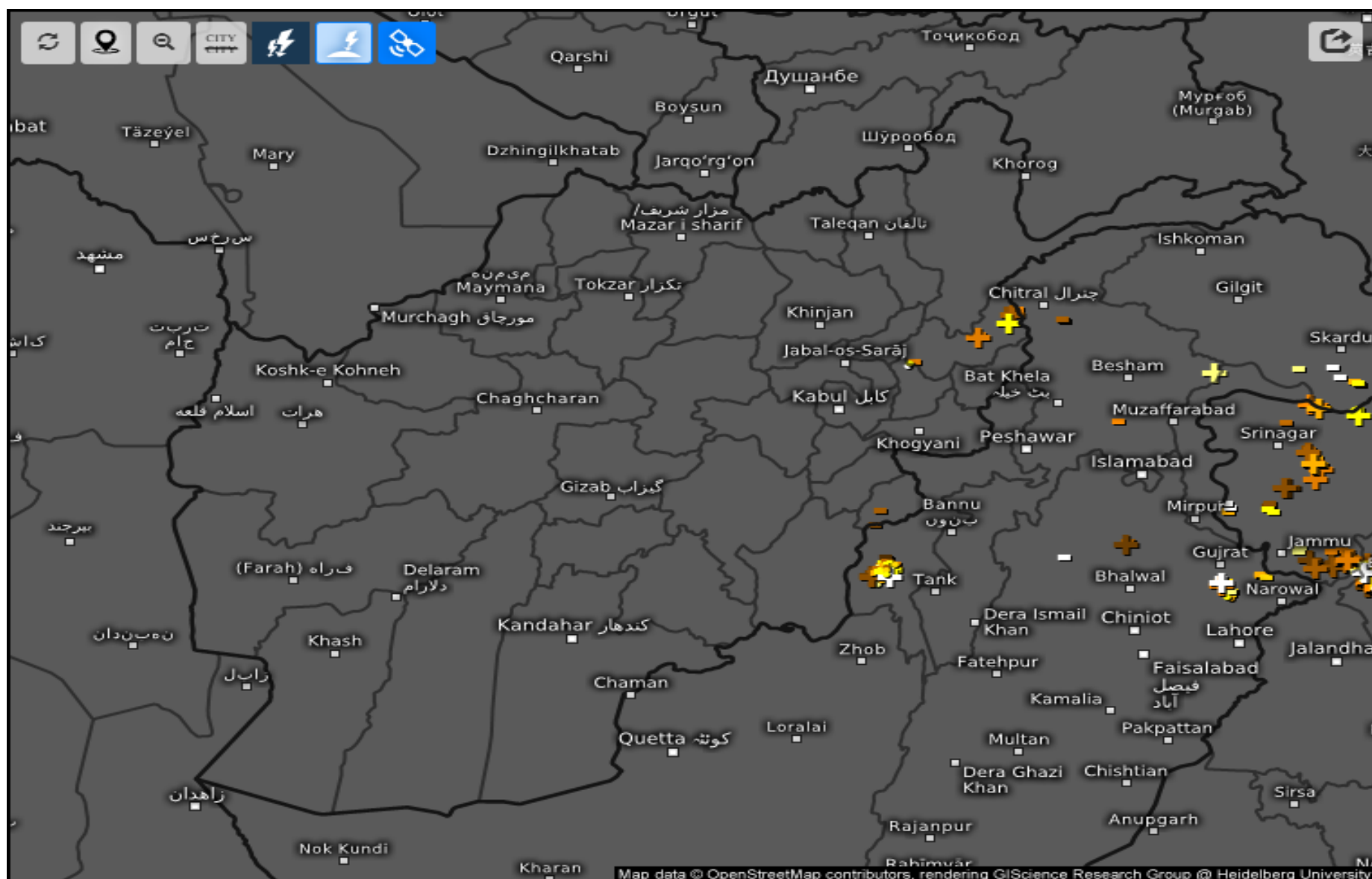




Satellite Water Vapor

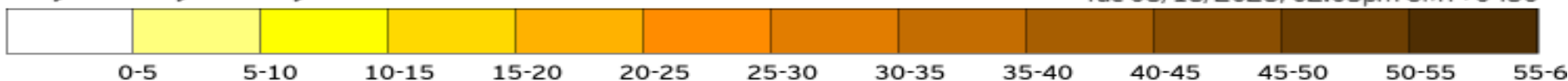
Tue 08/18/2026, 01:45pm GMT+0430





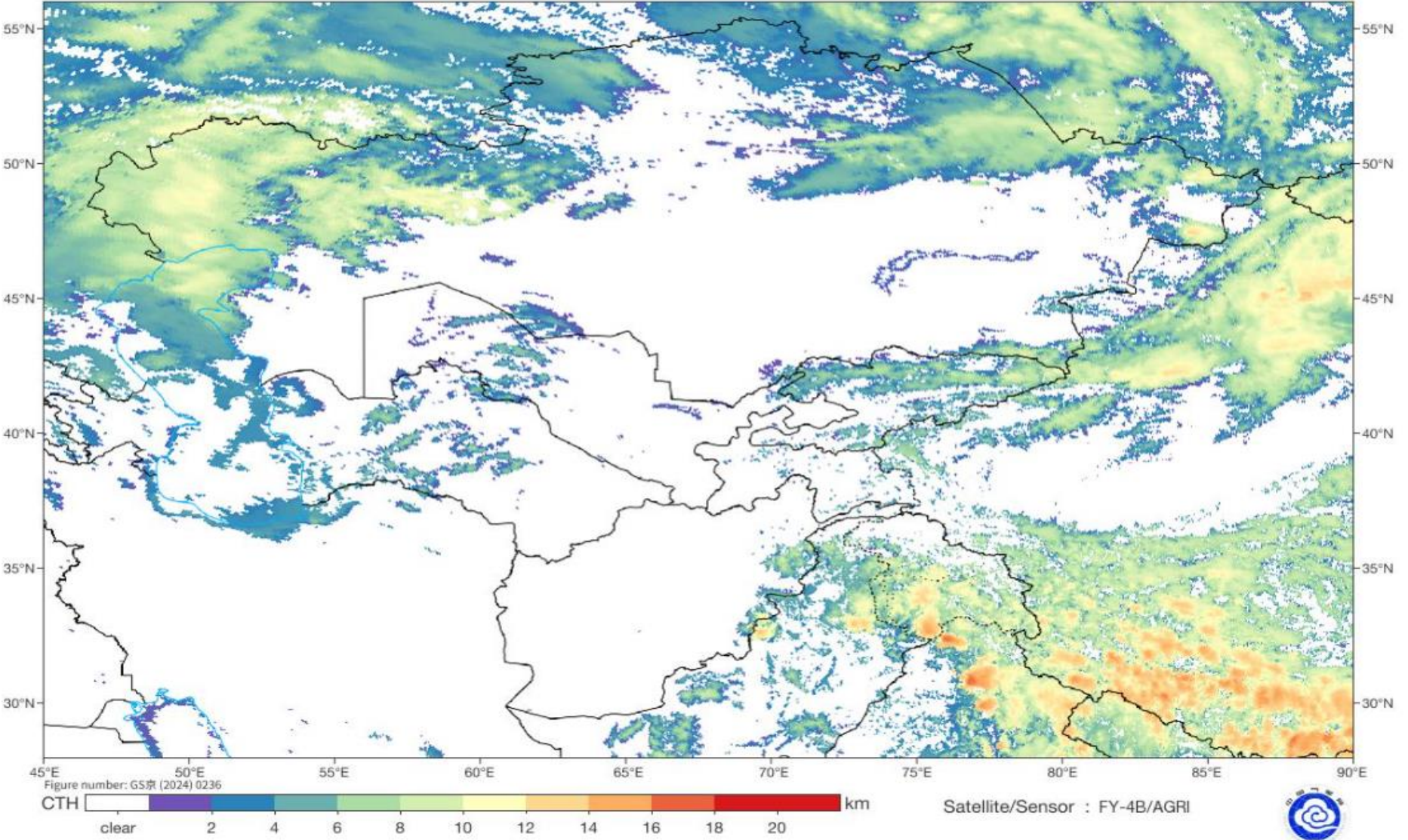
Age of lightning (minutes) 

Tue 08/18/2026, 02:05pm GMT+0430



Cloud Top Height

2026-08-18 09:15(UTC)



Fog Identification

2026-08-18 09:00(UTC)

