



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



Daily reports of Satellite imagery analysis. Date & Time: 04-08-2026, 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	✓ Dry/warm	X	X	
2	South	✓	moderate	X	X	X	✓ weak	X	✓	Dust storm
3	West	✓	X	X	X	X	✓ dry	X	X	
4	East	✓	X	✓	✓	✓	✓ Wet	X	X	
5	central	✓	X	X	✓	X	✓ dry	X	X	
6	Northeast	✓	X	X	✓	X	✓ weak	X	X	
7	Southeast	✓	light	✓	✓	X	✓ weak	X	X	
8	Northwest	✓	light	X	X	X	✓ Dry/warm	X	X	
9	Southwest	✓	moderate	X	X	X	✓ dry	X	✓	Dust storm

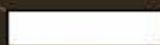
Details: According to satellite imagery analysis, the northern, western, central, northeastern, southeastern, northwestern and southwestern regions have a warm air mass with (High UTH). The southern, southeastern, northwestern and southwestern regions have dust storm. The eastern and southeastern regions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

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

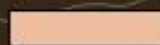
Reported by: Esmatullah Mohammadi

UTC: 2026-08-03 23:45

AirMass



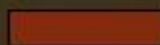
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



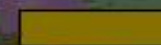
Jet



Cold Airmass



Warm Airmass
(high UTH)



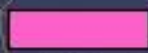
Warm Airmass
(low UTH)

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

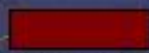
FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-08-04 00:00

Dust



Dust



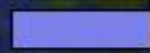
High-level cloud



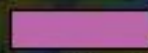
Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



Low-level cloud



Cirrus

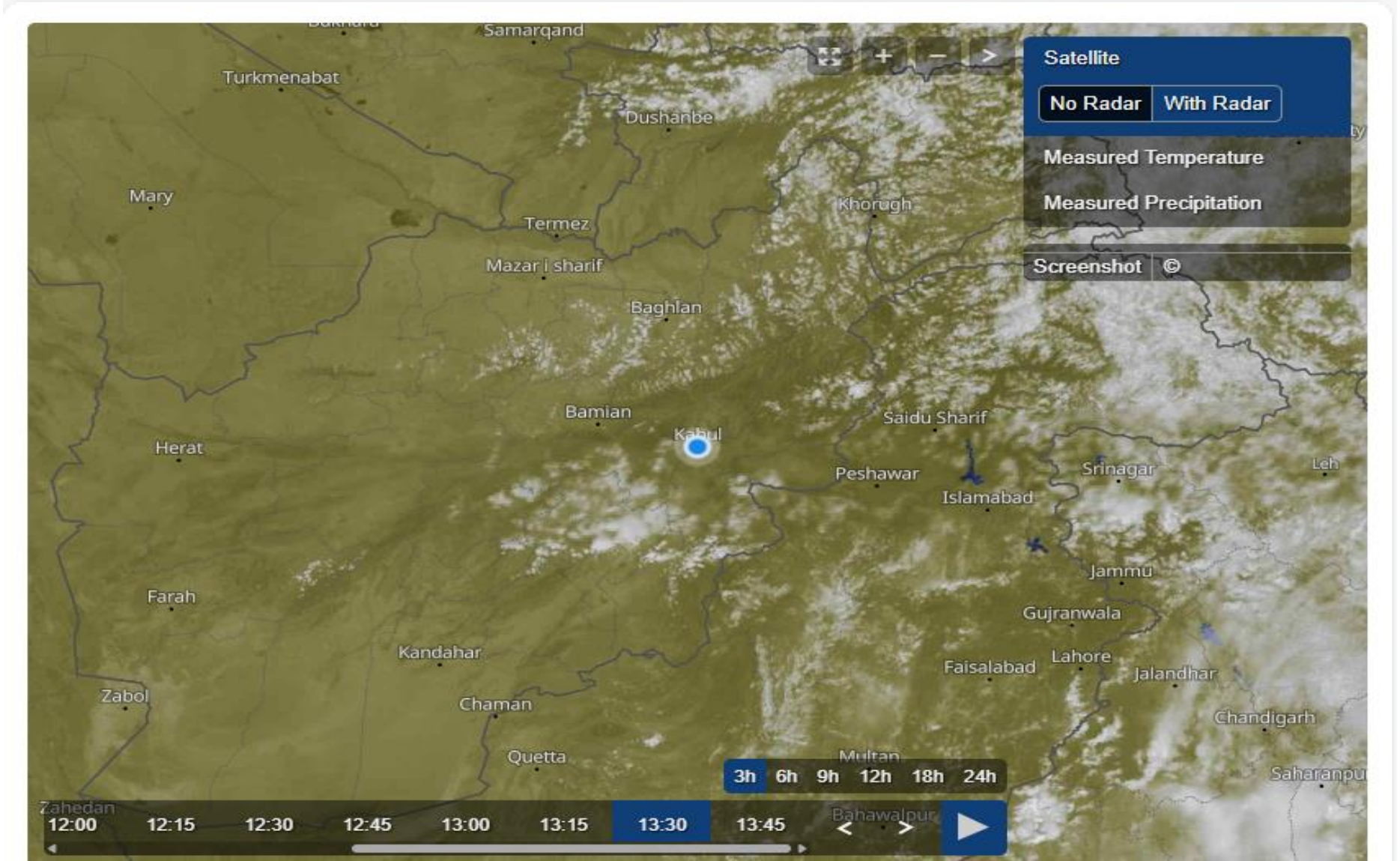
R = IR (12.0) - IR (10.8)

G = IR (10.8) - IR (8.5)

B = IR (10.8)

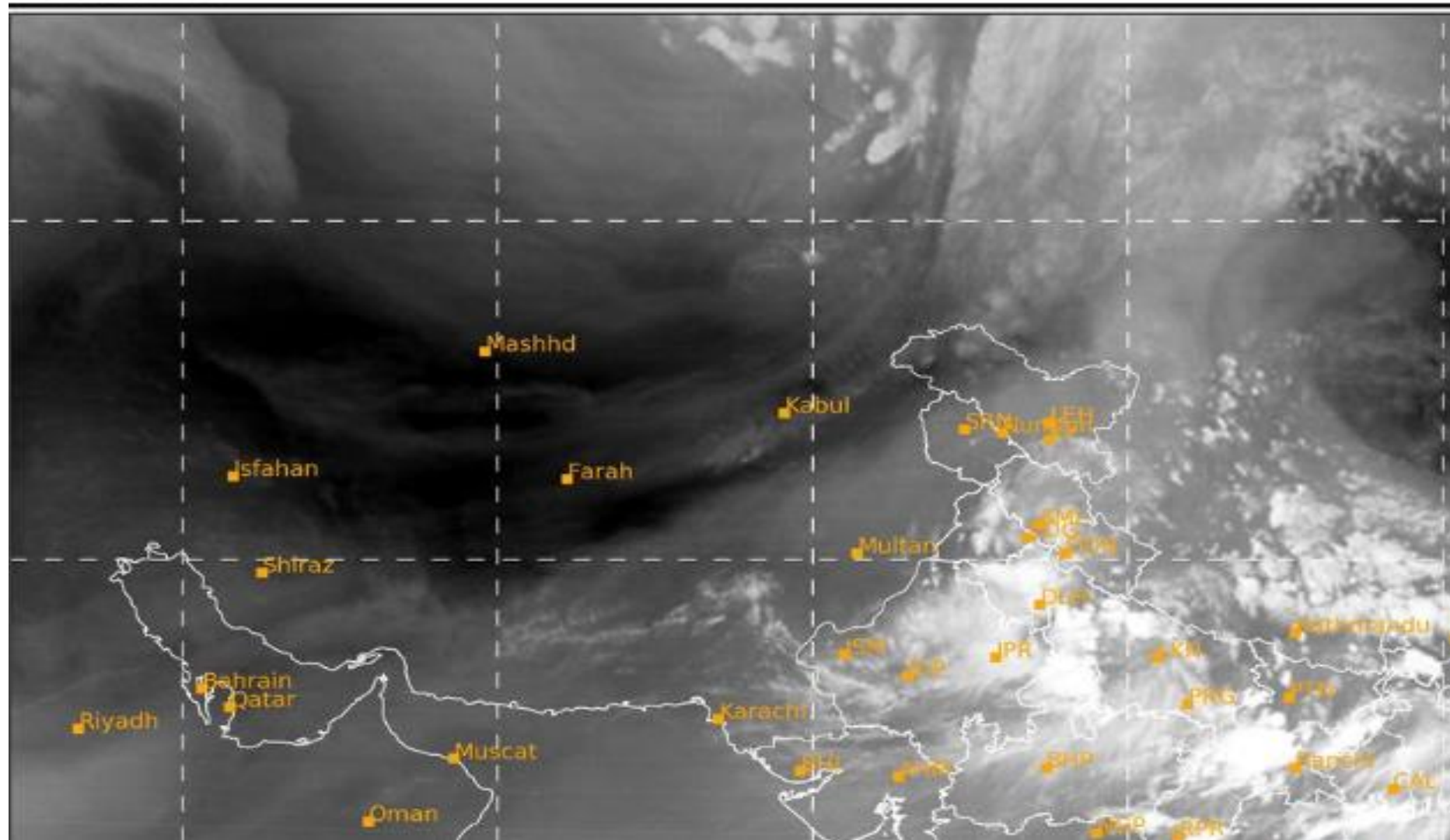
FY-4B Dust RGB Composite (From WMO)

Live satellite map, Afghanistan



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

04-08-2026/(0815 to 0842) GMT
04-08-2026/(1345 to 1412) IST



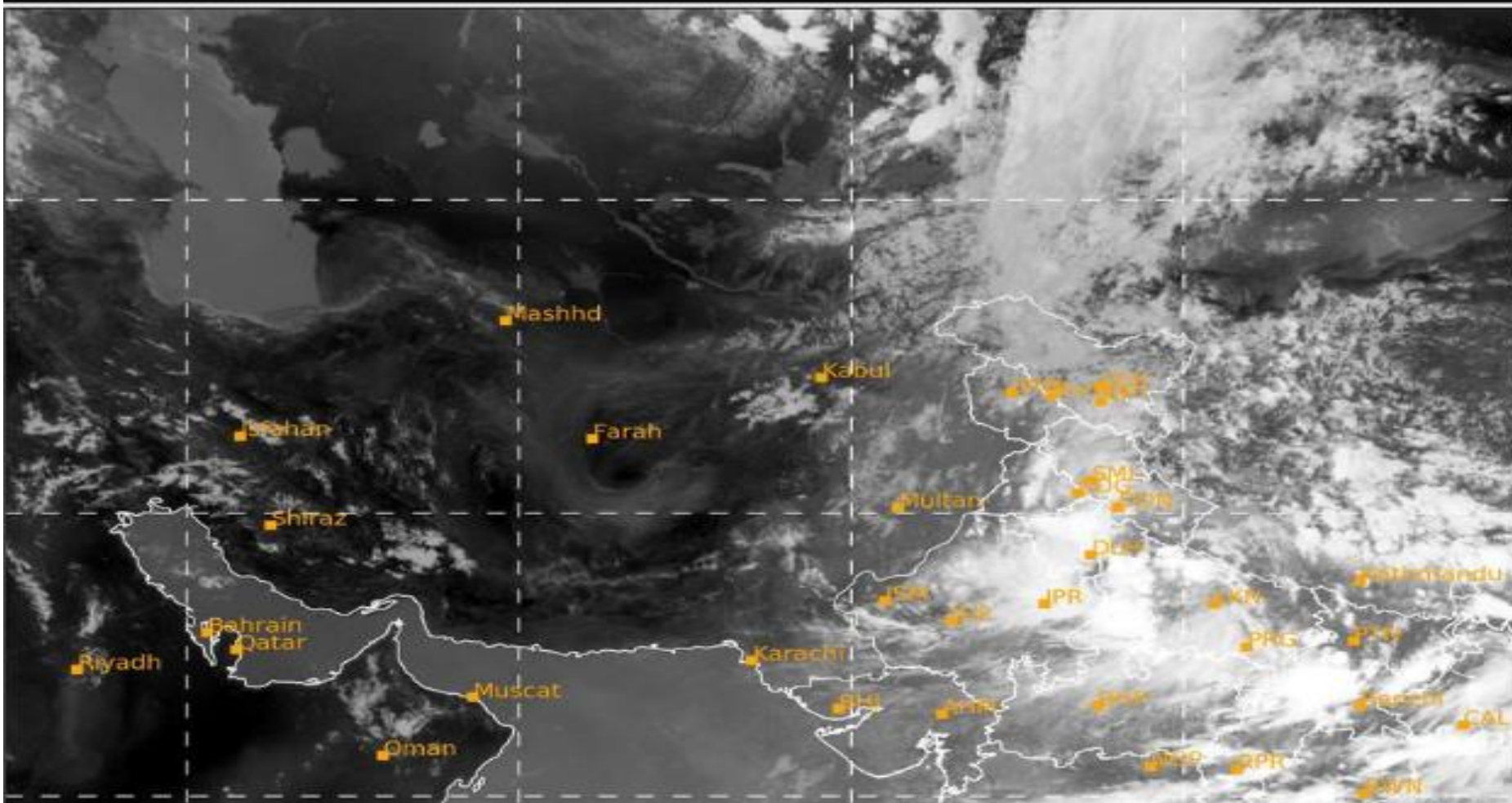
SAT : INSAT-3DR IMG

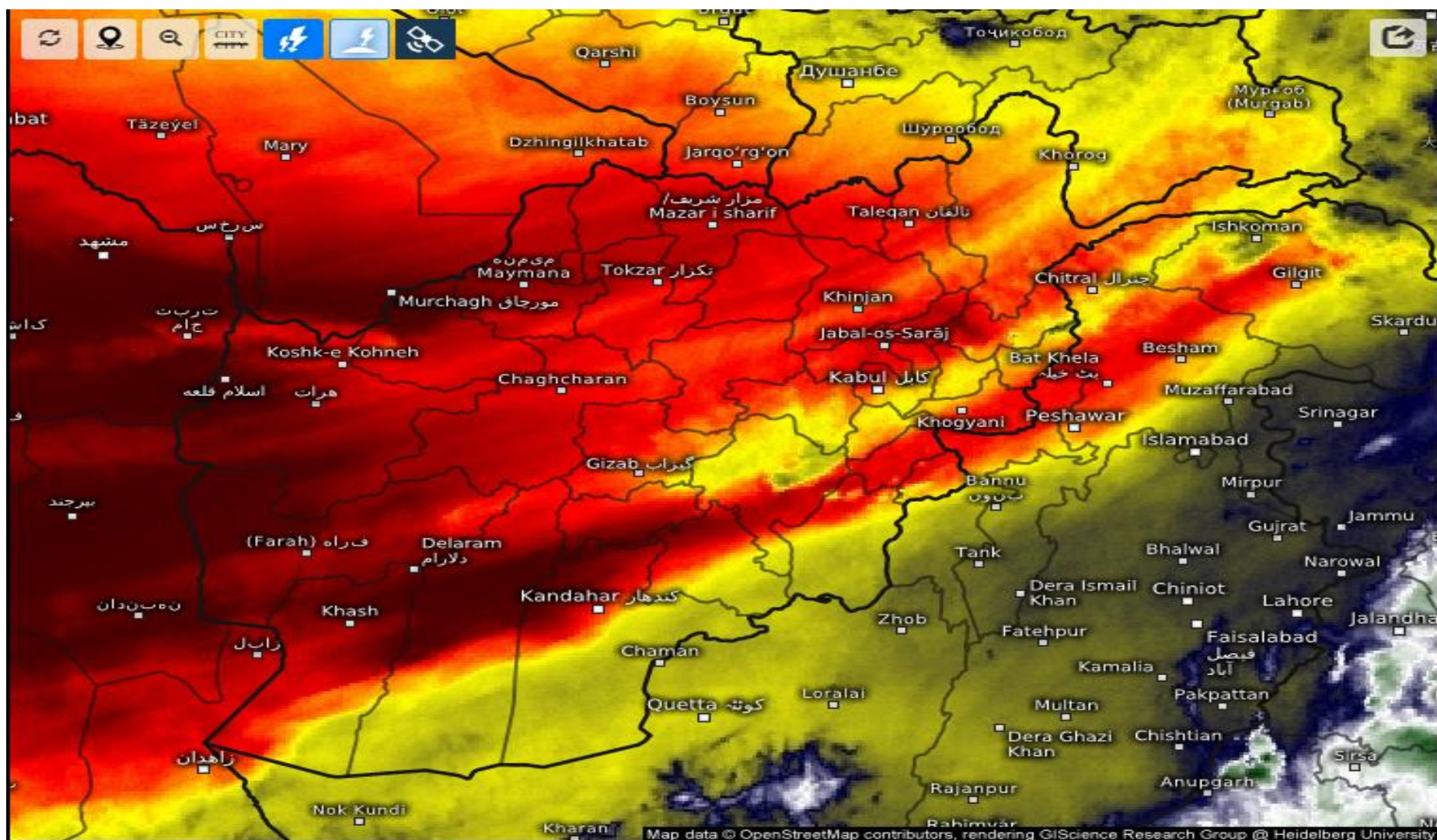
IMG_TIR1 10.8 um

L1C Mercator

04-08-2026/(0815 to 0842) GMT

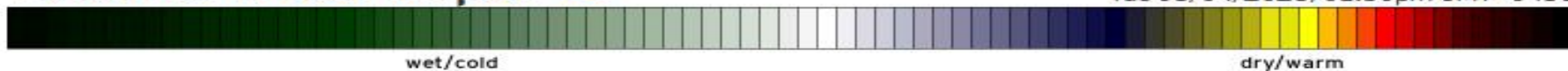
04-08-2026/(1345 to 1412) IST

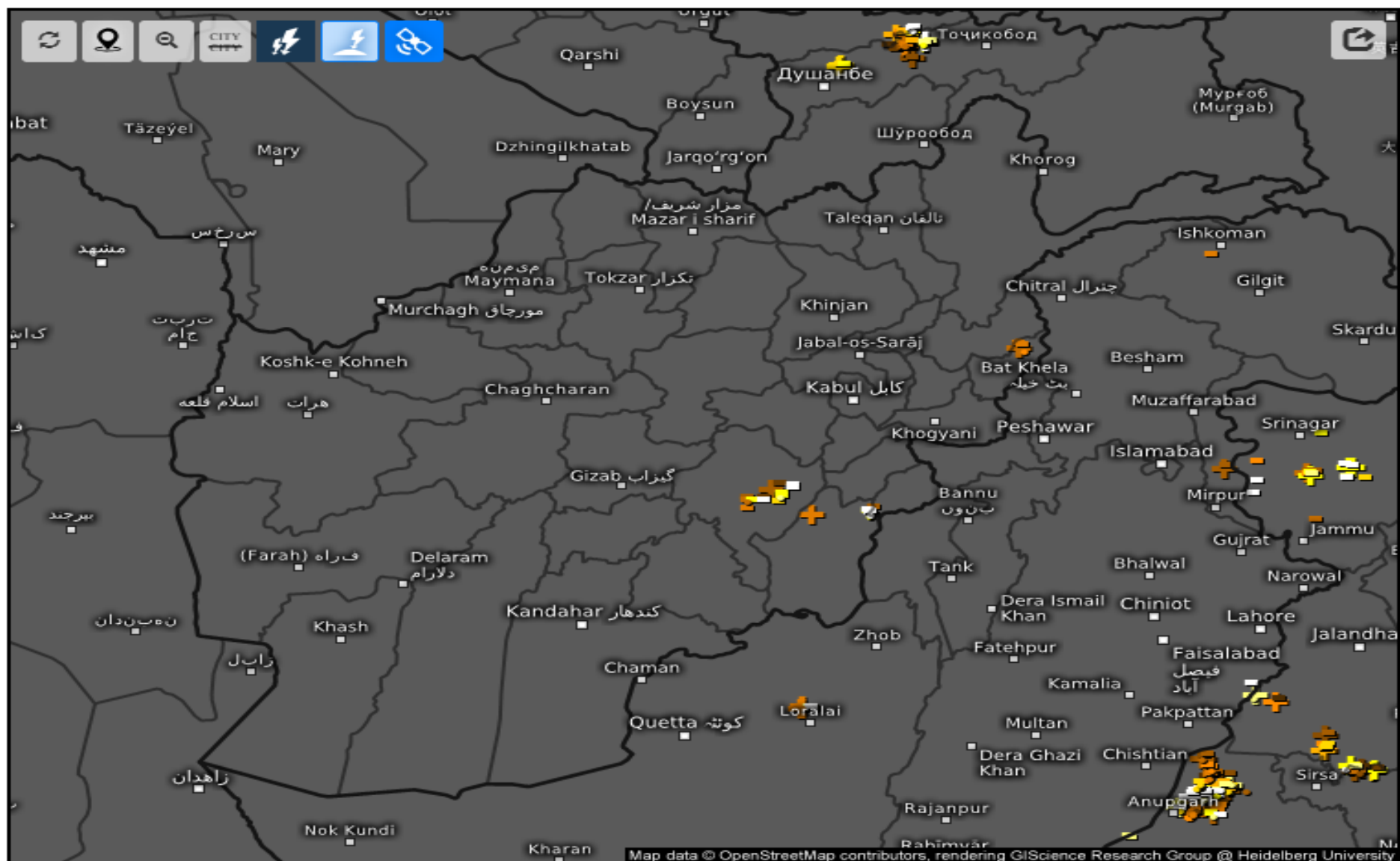




Satellite Water Vapor

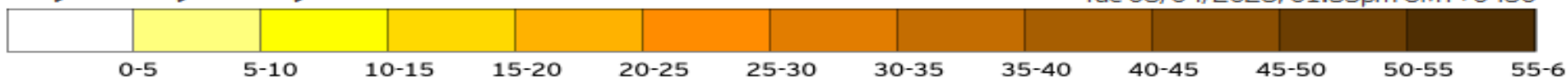
Tue 08/04/2026, 01:30pm GMT+0430





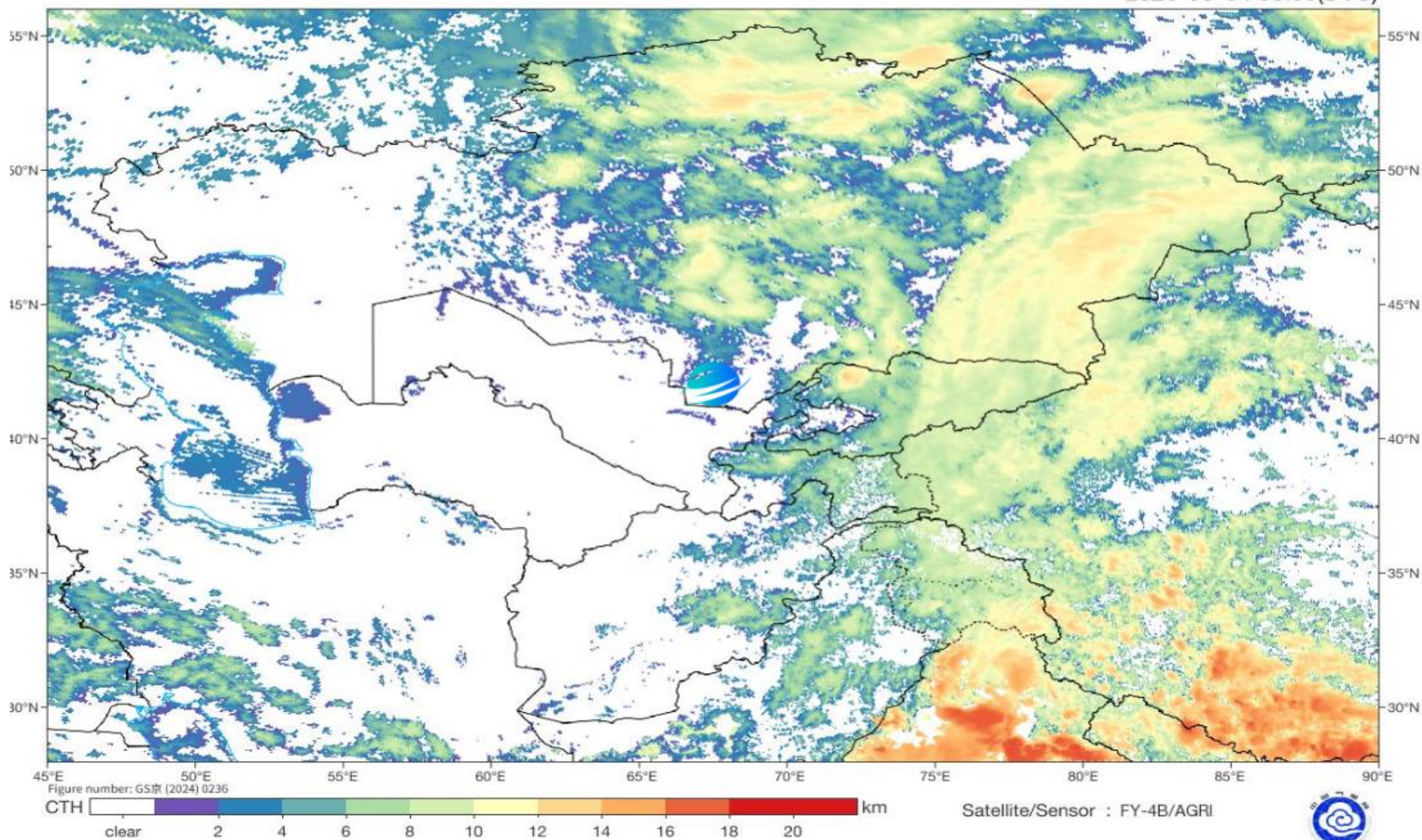
Age of lightning (minutes) 

Tue 08/04/2026, 01:55pm GMT+0430



Cloud Top Height

2026-08-04 09:00(UTC)



Fog Identification

2026-08-04 09:15(UTC)

