



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



Daily reports of Satellite imagery analysis. Date & Time: 22-08-2026, 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	X	
2	South	✓	Severe	X	X	X	✓ Dry/warm	X	X	dust storm
3	West	✓	light	X	X	X	✓ Dry/warm	X	X	
4	East	✓	X	X	✓	X	✓ Dry/warm	X	X	
5	central	✓	X	X	X	X	✓ Dry/warm	X	X	
6	Northeast	✓	X	X	✓	X	✓ weak	X	X	
7	Southeast	✓	Severe	✓	✓	X	✓ weak	X	X	
8	Northwest	✓	light	X	✓	X	✓ Dry/warm	X	X	
9	Southwest	✓	Severe	X	X	X	✓ Dry/warm	X	X	dust storm

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

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

Reported by: Esmatullah Mohammadi

UTC: 2026-08-22 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)

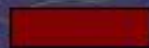
FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-08-22 00:00

Dust



Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



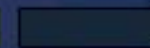
Ocean



Land



Low-level cloud



Cirrus

R = IR (12.0) - IR (10.8)

G = IR (10.8) - IR (8.5)

B = IR (10.8)

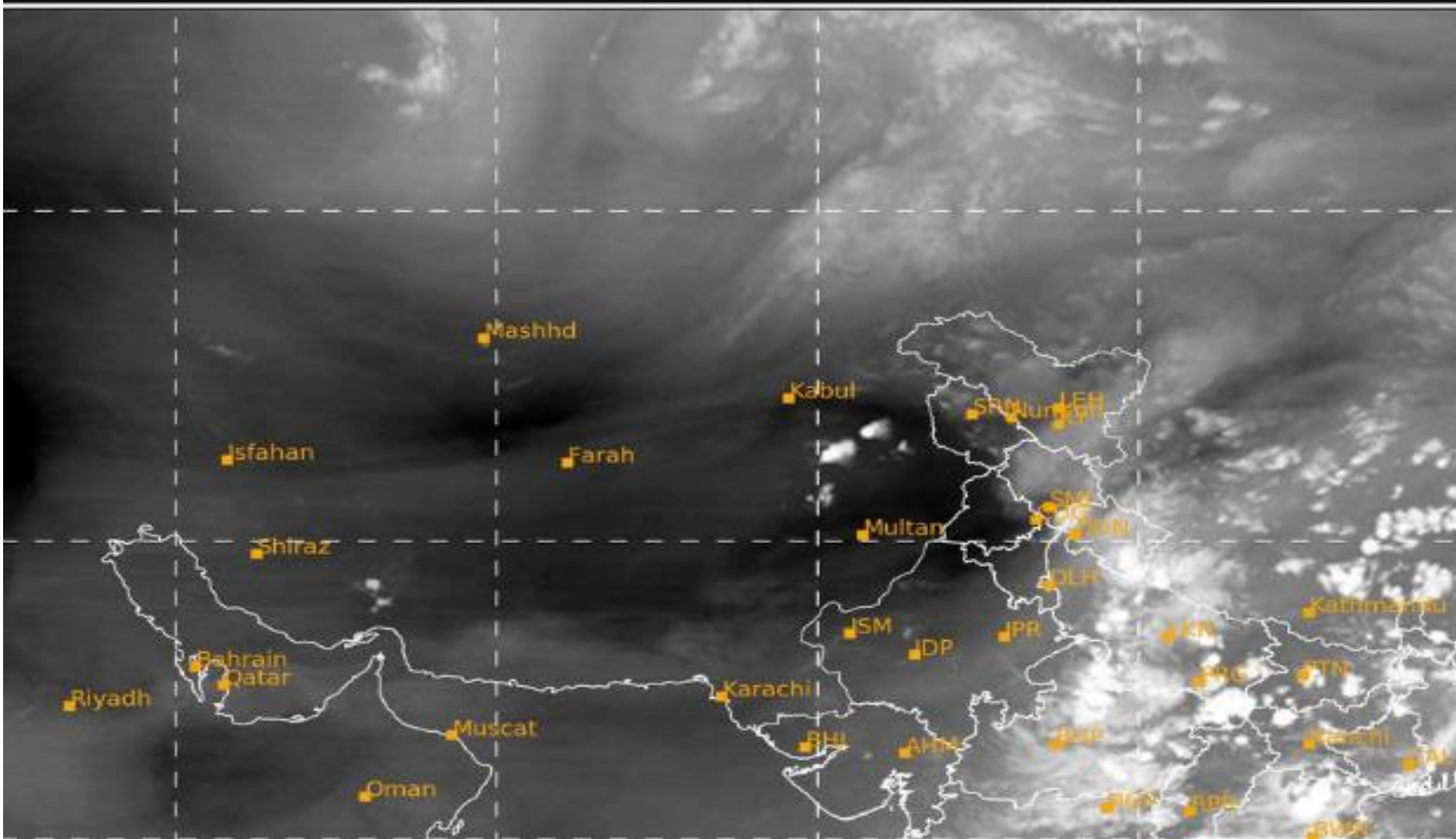
FY-4B Dust RGB Composite (From WMO)

Live satellite map, Afghanistan



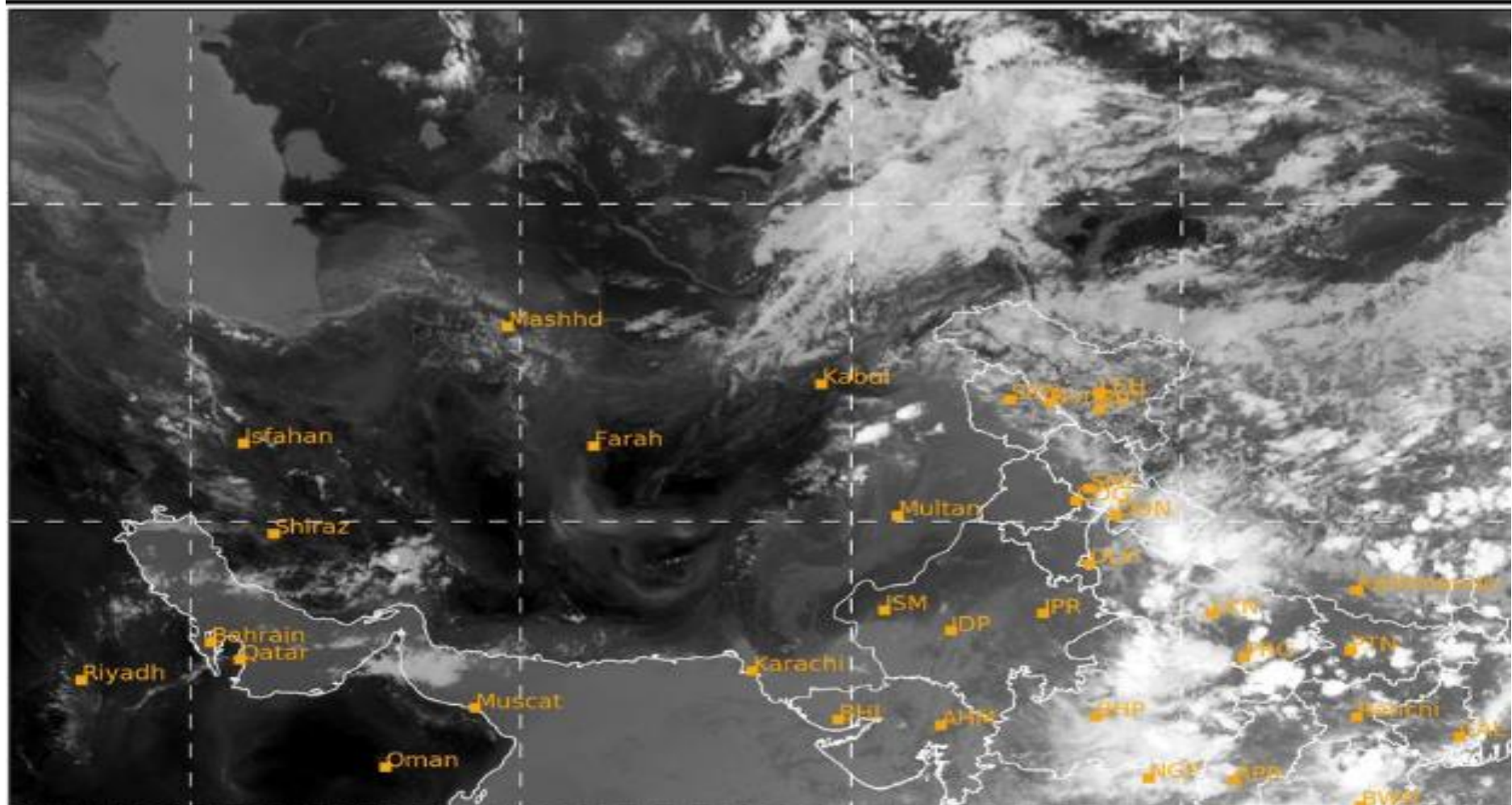
L1C Mercator

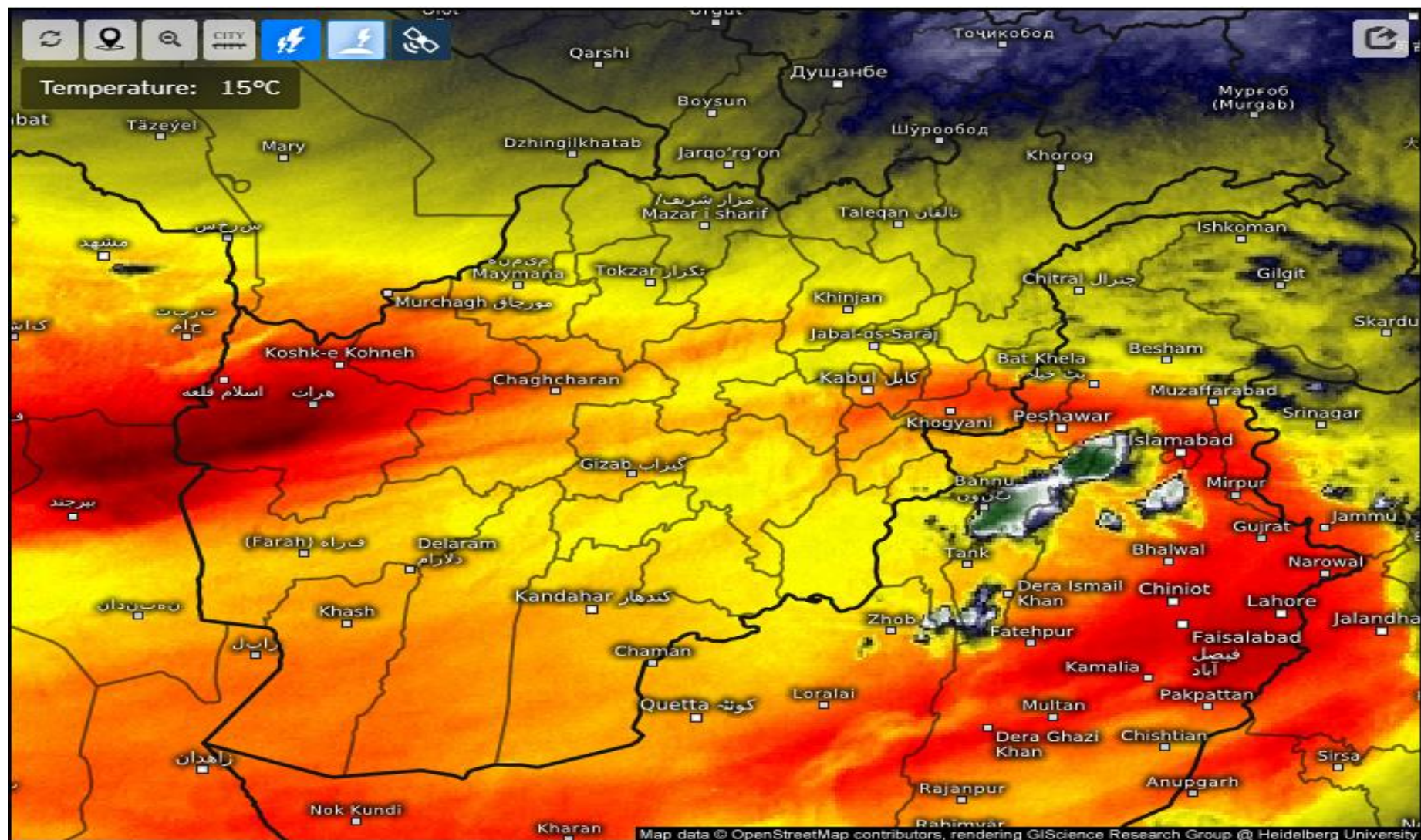
22-08-2026/(1345 to 1412) IST



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

22-08-2026/(0815 to 0842) GMT
22-08-2026/(1345 to 1412) IST

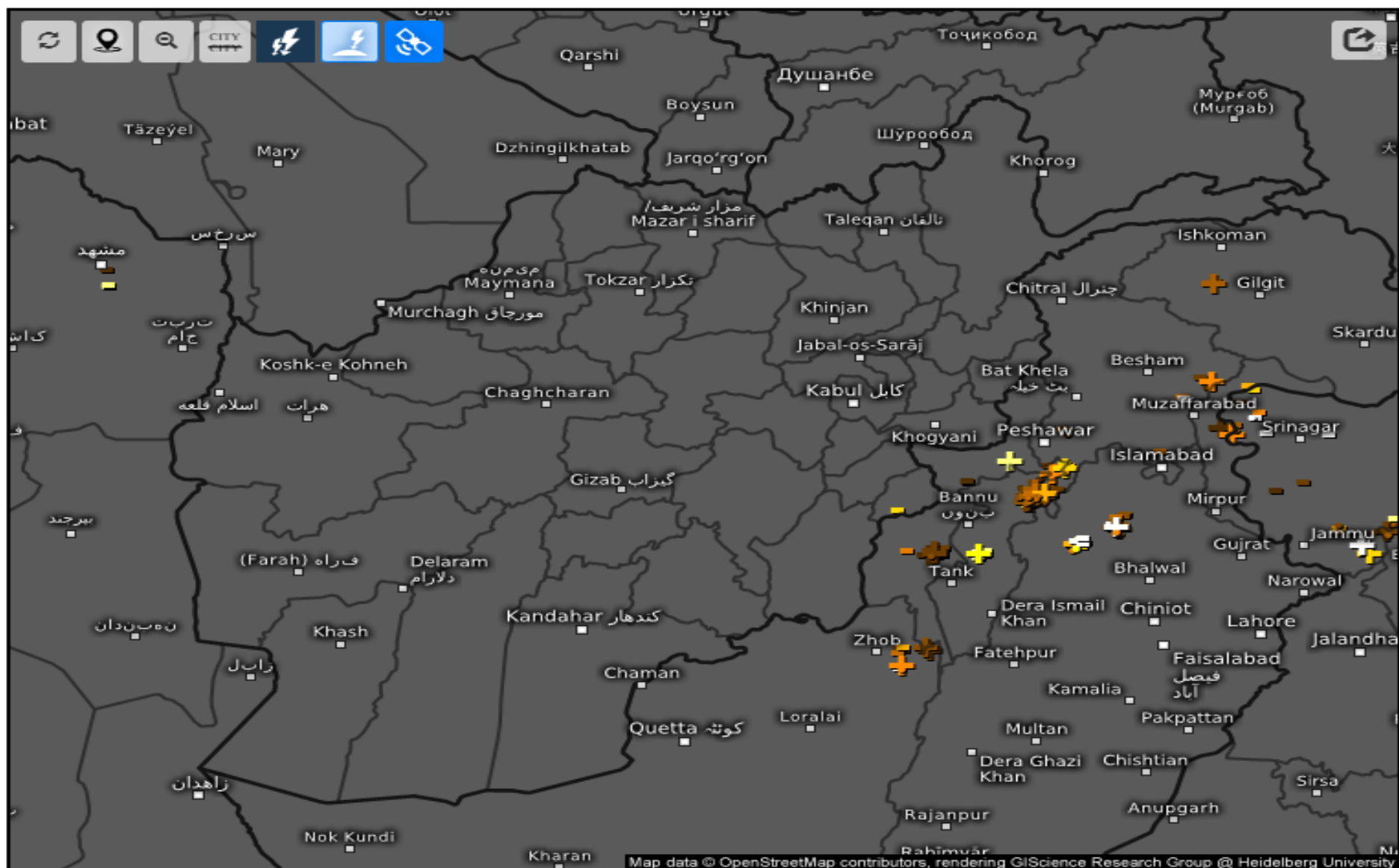




Satellite Water Vapor

Sat 08/22/2026, 01:30pm GMT+0430





Age of lightning (minutes) 

Sat 08/22/2026, 01:55pm GMT+0430

