



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



Daily reports of Satellite imagery analysis. Date & Time: 23-07-2026, 07:30 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ dry	X	X	
2	South	✓	moderate	X	X	X	✓ dry	X	X	dust
3	West	✓	light	X	X	X	✓ dry	X	X	
4	East	X	X	✓	✓	✓	✓ wet	X	X	
5	central	✓	X	✓	✓	X	✓ wet	X	X	
6	Northeast	X	X	X	✓	X	✓ dry	X	X	
7	Southeast	X	moderate	✓	✓	✓	✓ wet	X	X	Thunder storm
8	Northwest	✓	light	X	X	X	✓ dry	X	X	
9	Southwest	✓	moderate	X	X	X	✓ dry	X	✓	

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

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

Reported by: Esmatullah Mohammadi

UTC: 2026-07-22 22:15

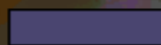
AirMass



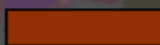
Thick,
high-level cloud



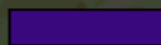
Thick,
mid-level cloud



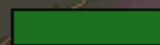
Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

R = WV (6.25) - WV (7.1)

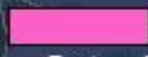
G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-07-22 22:15

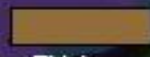
Dust



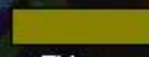
Dust



High-level cloud



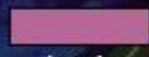
Thick,
mid-level cloud



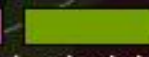
Thin,
mid-level cloud



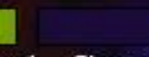
Ocean



Land



Low-level cloud

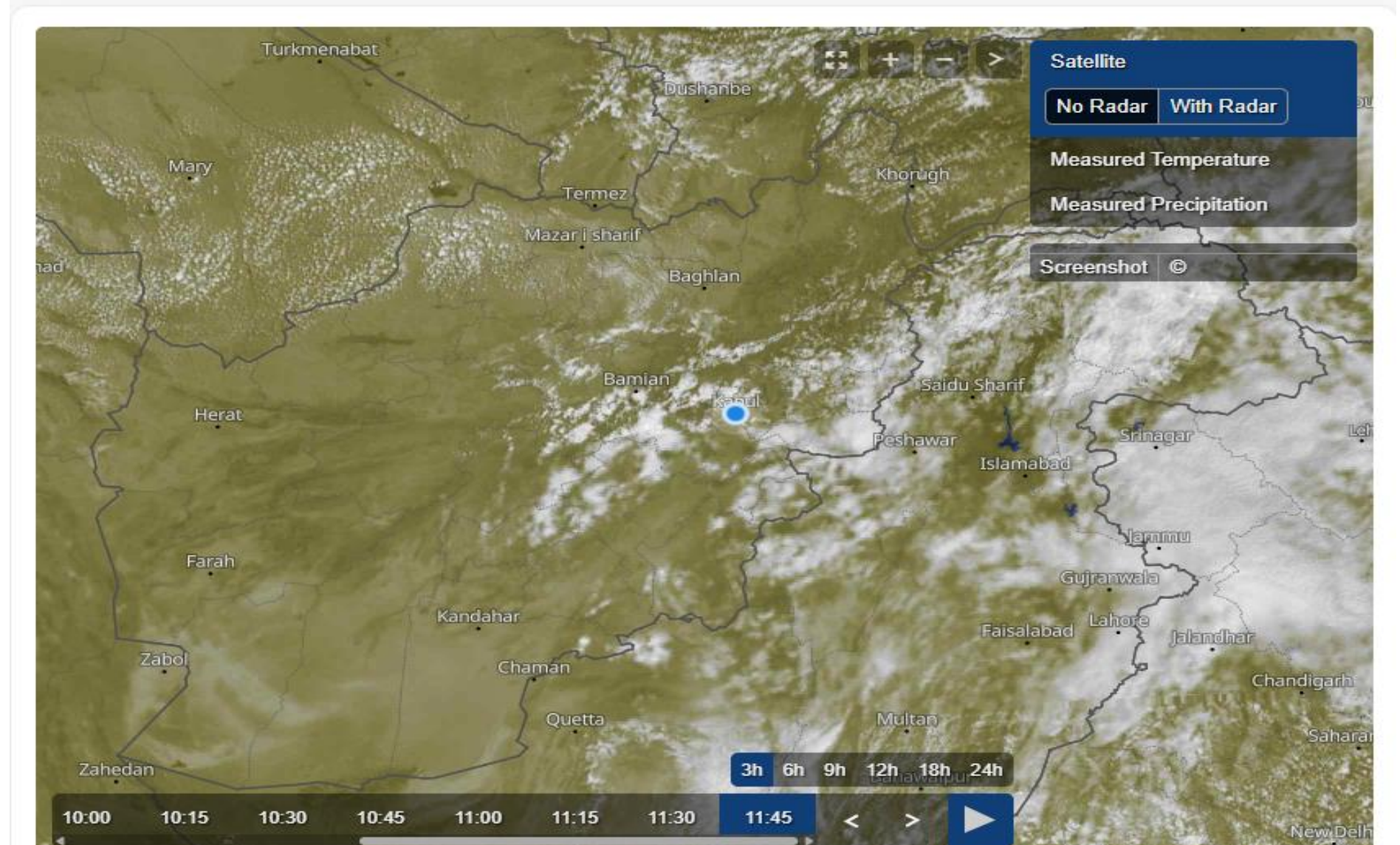


Cirrus

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

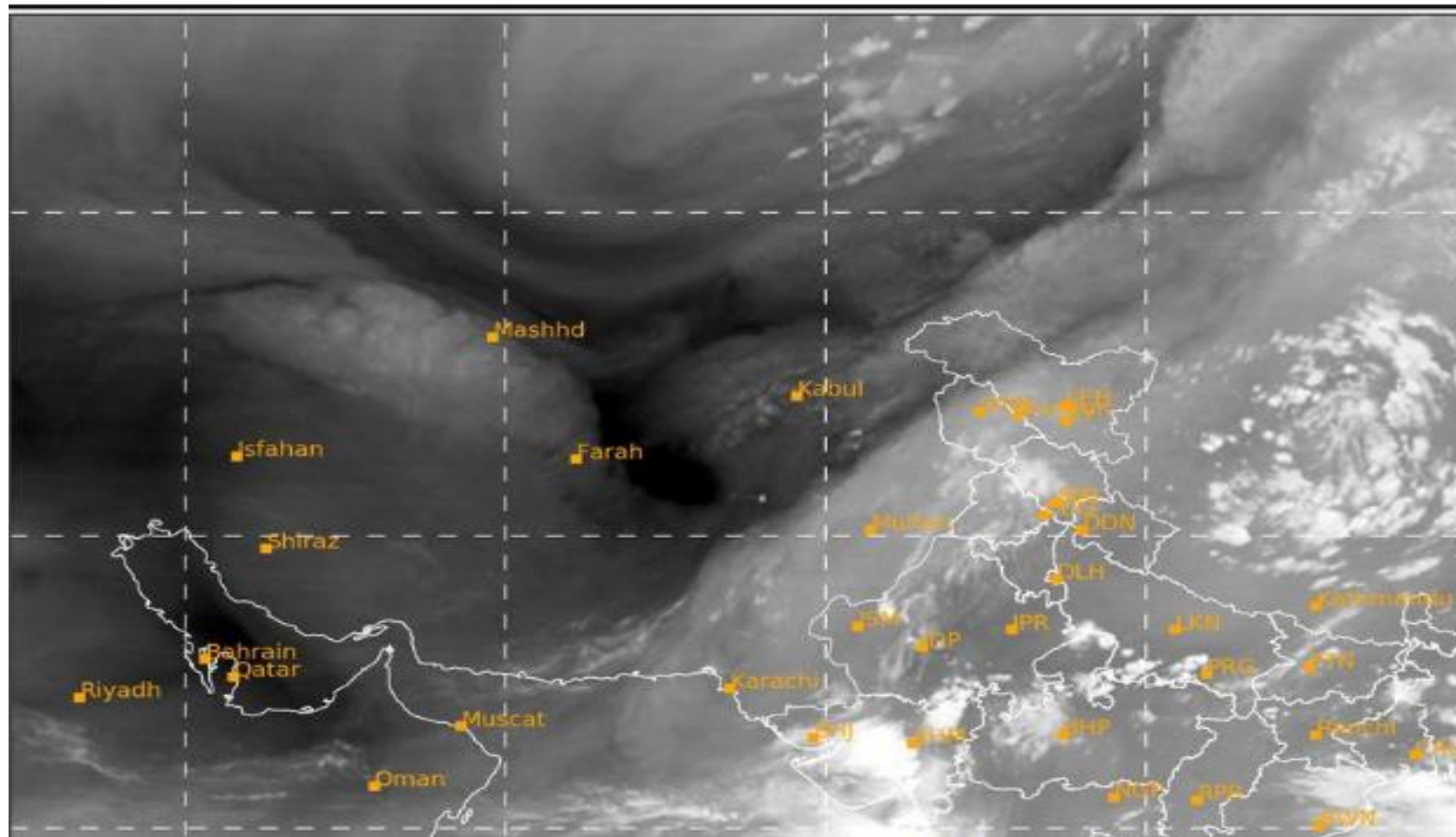
FY-4B Dust RGB Composite (From WMO)

Live satellite map, Afghanistan



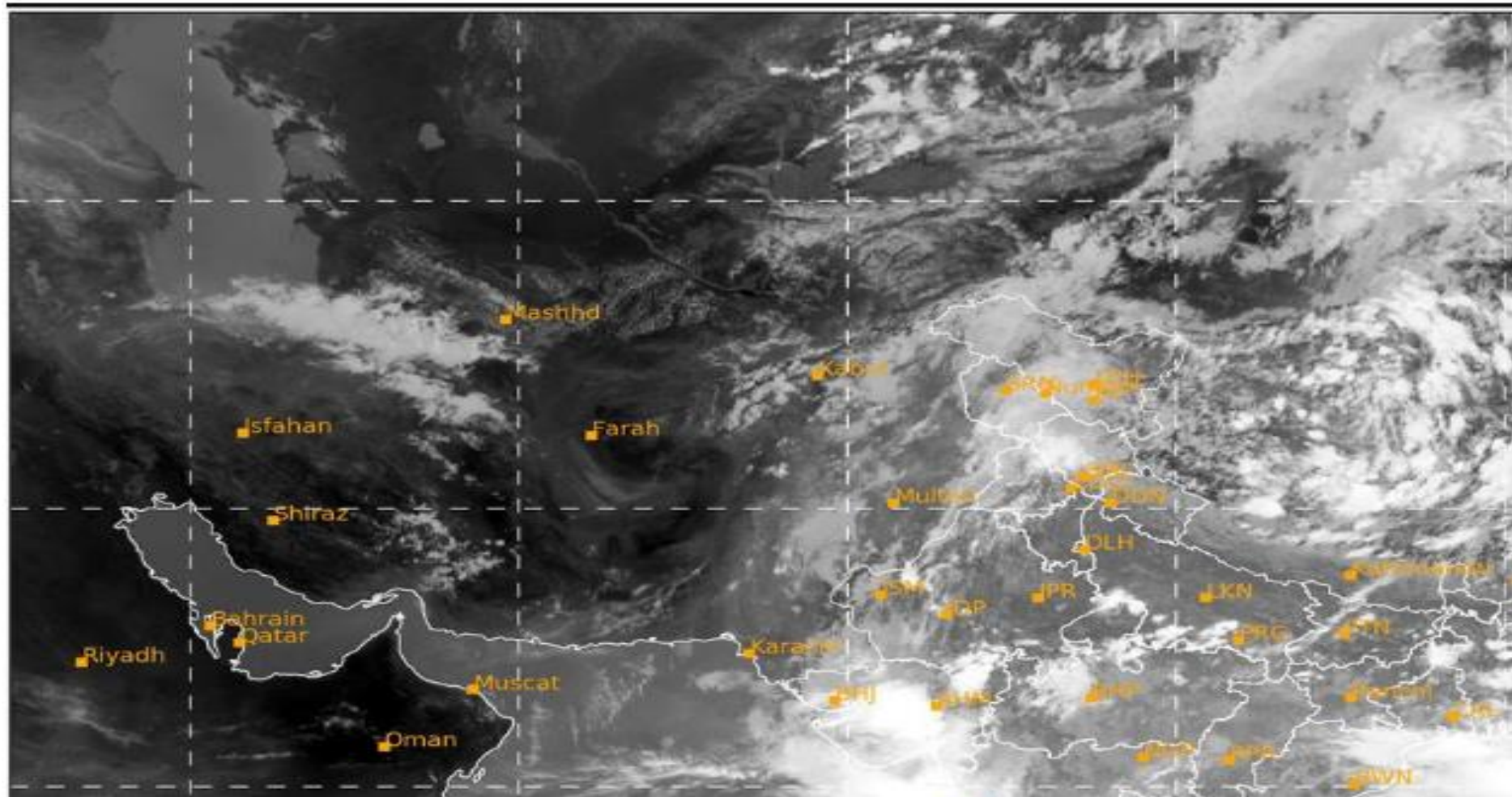
L1C Mercator

23-07-2026/(1215 to 1242) IST



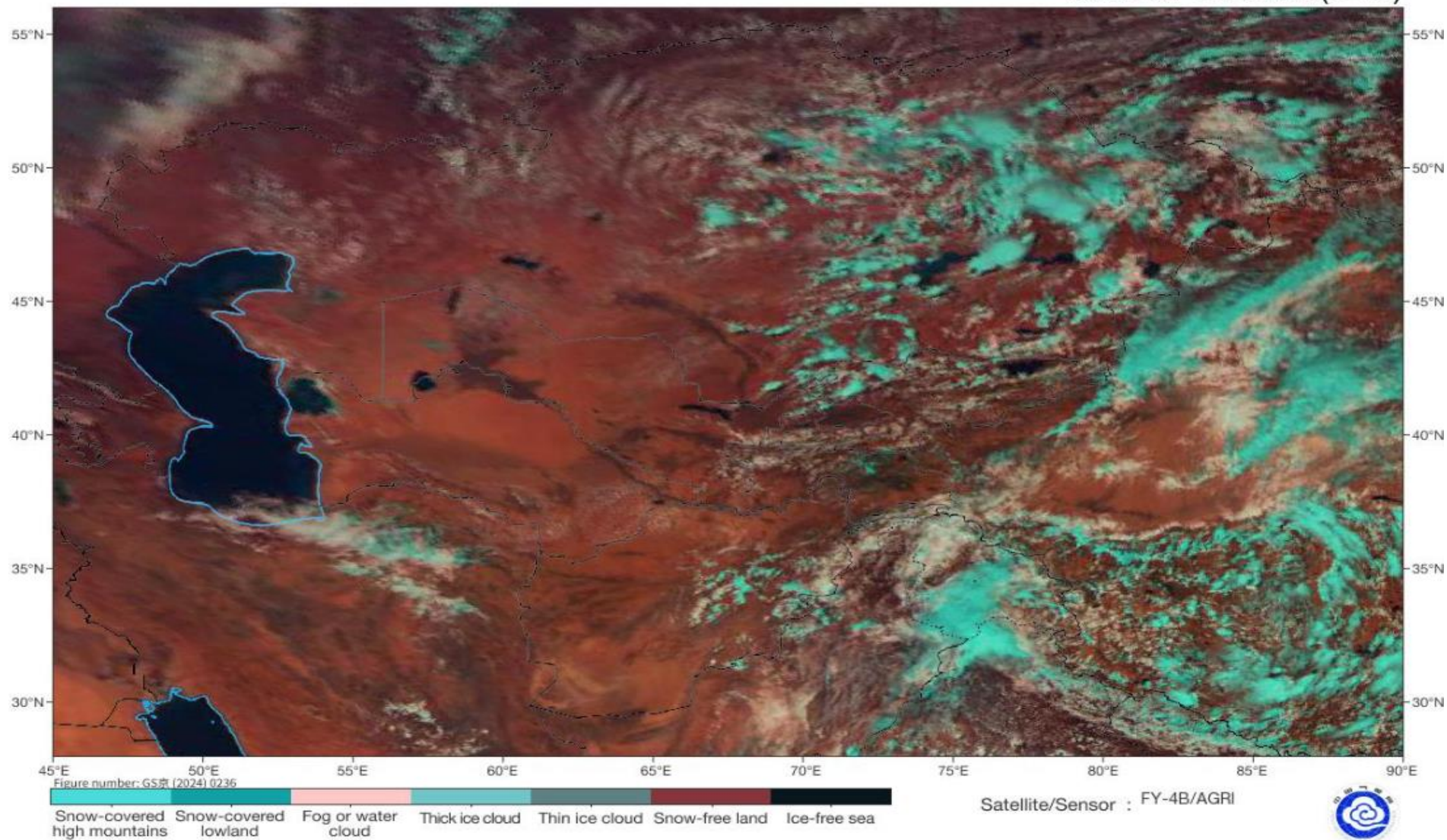
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

23-07-2026/(0645 to 0712) GMT
23-07-2026/(1215 to 1242) IST



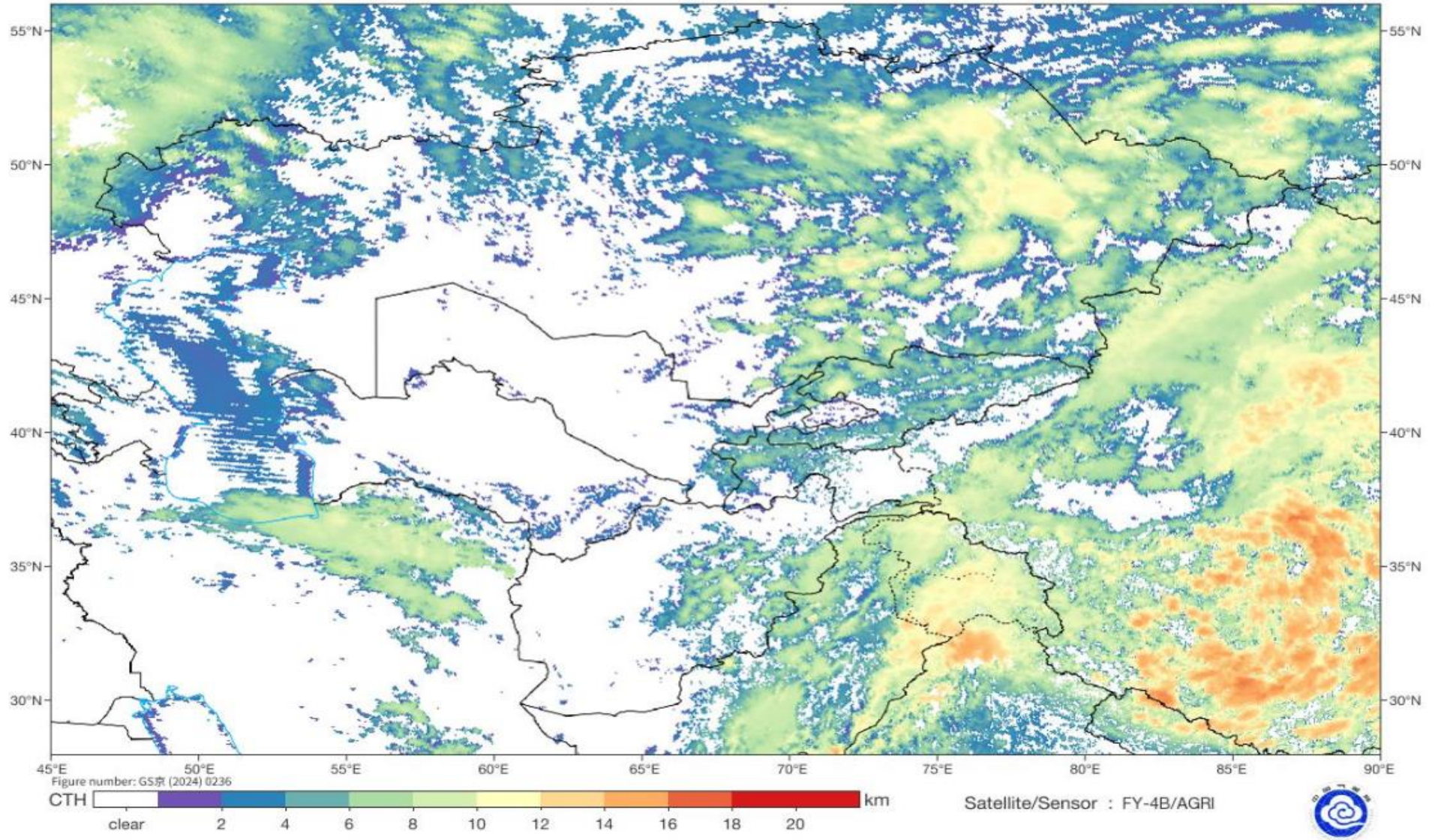
Fog Identification

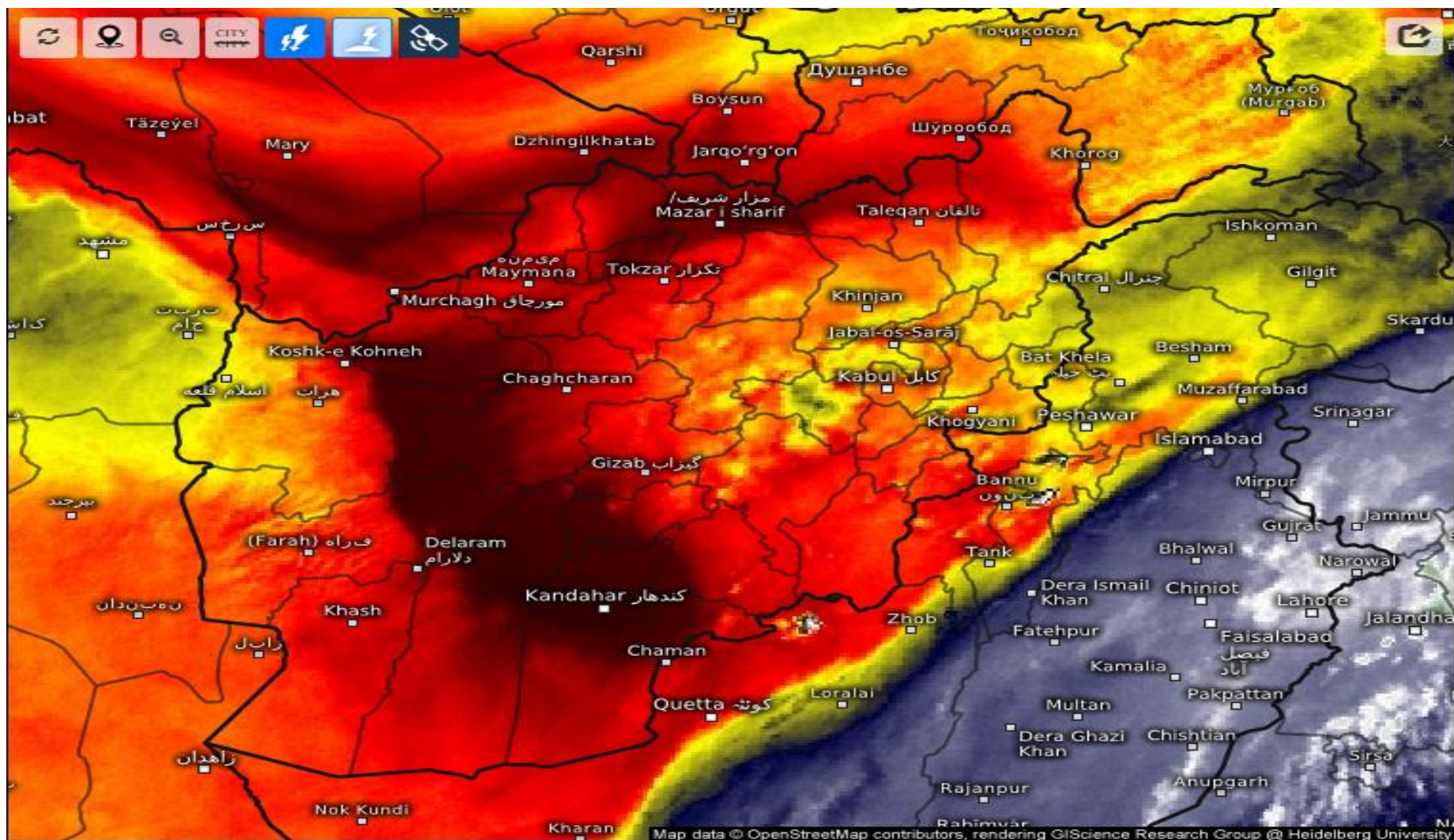
2026-07-23 07:15(UTC)



Cloud Top Height

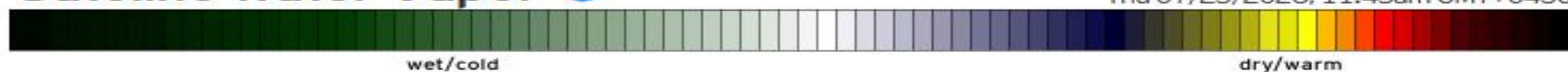
2026-07-23 07:15(UTC)

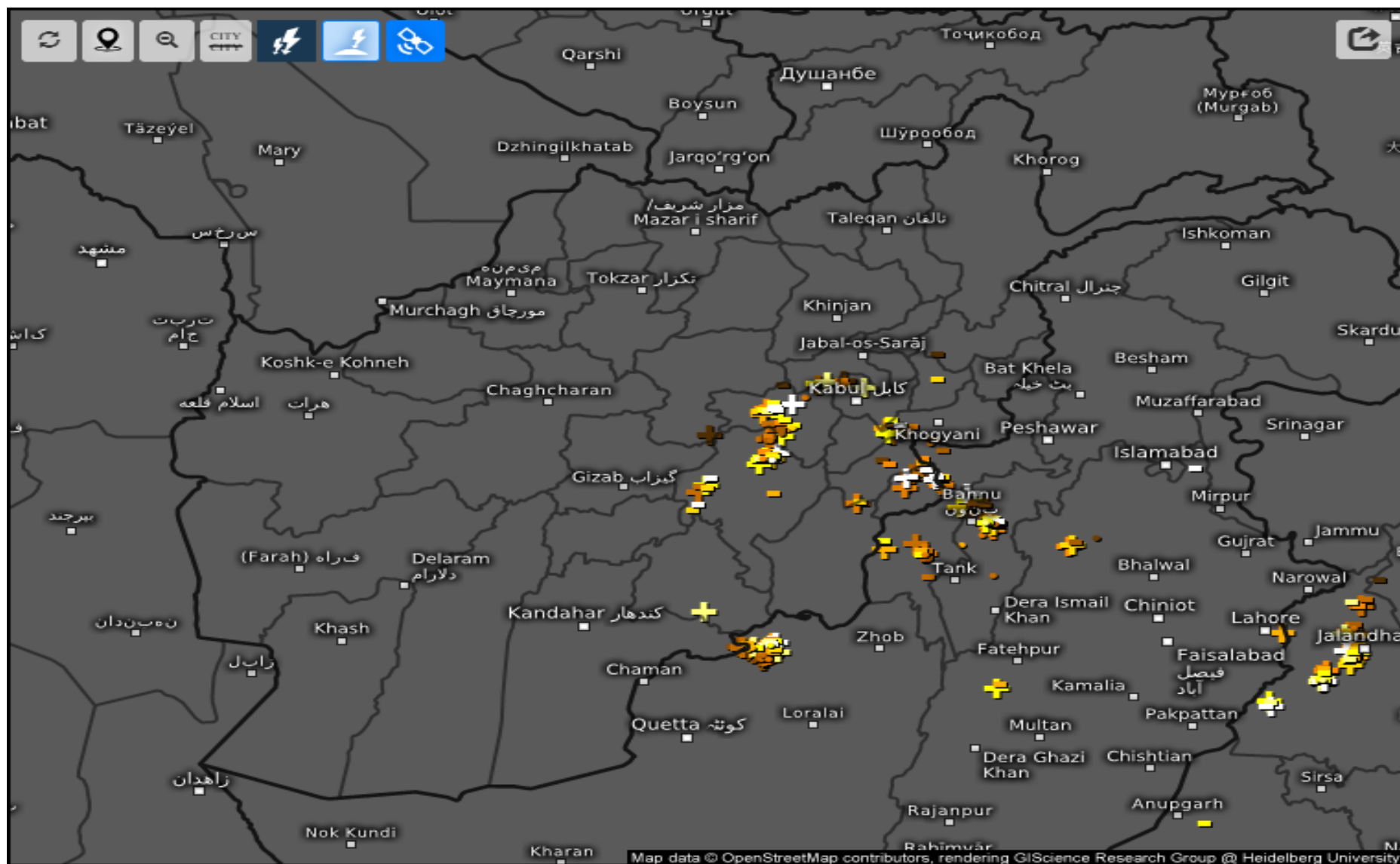




Satellite Water Vapor

Thu 07/23/2026, 11:45am GMT+0430





Age of lightning (minutes) 

Thu 07/23/2026, 12:10pm GMT+0430

