



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



Daily reports of Satellite imagery analysis. Date & Time: 23-08-2026, 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	✓ 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	✓ Moderate	X	X	
5	central	✓	X	X	X	X	✓ Dry/warm	X	X	
6	Northeast	X	X	✓	✓	X	✓ Moderate	X	X	
7	Southeast	✓	light	✓	✓	X	✓ Moderate	X	X	CTH+ lightning
8	Northwest	✓	Severe	X	X	X	✓ weak	X	X	dust storm
9	Southwest	✓	Severe	X	X	X	✓ Dry/warm	X	X	dust storm

Details: According to satellite imagery analysis, the southern, western, eastern, central, 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 eastern, northeastern, southeastern regions have lightning. The eastern, northeastern, southeastern regions have cloudy skies. The southern, western, central, southwestern regions have dry/warm water vapor, the northern, northwestern regions have weak water vapor and the eastern, northeastern, southeastern regions have moderate water vapor.

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

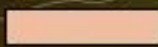
Reported by: Esmatullah Mohammadi

UTC: 2026-08-23 00:45

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

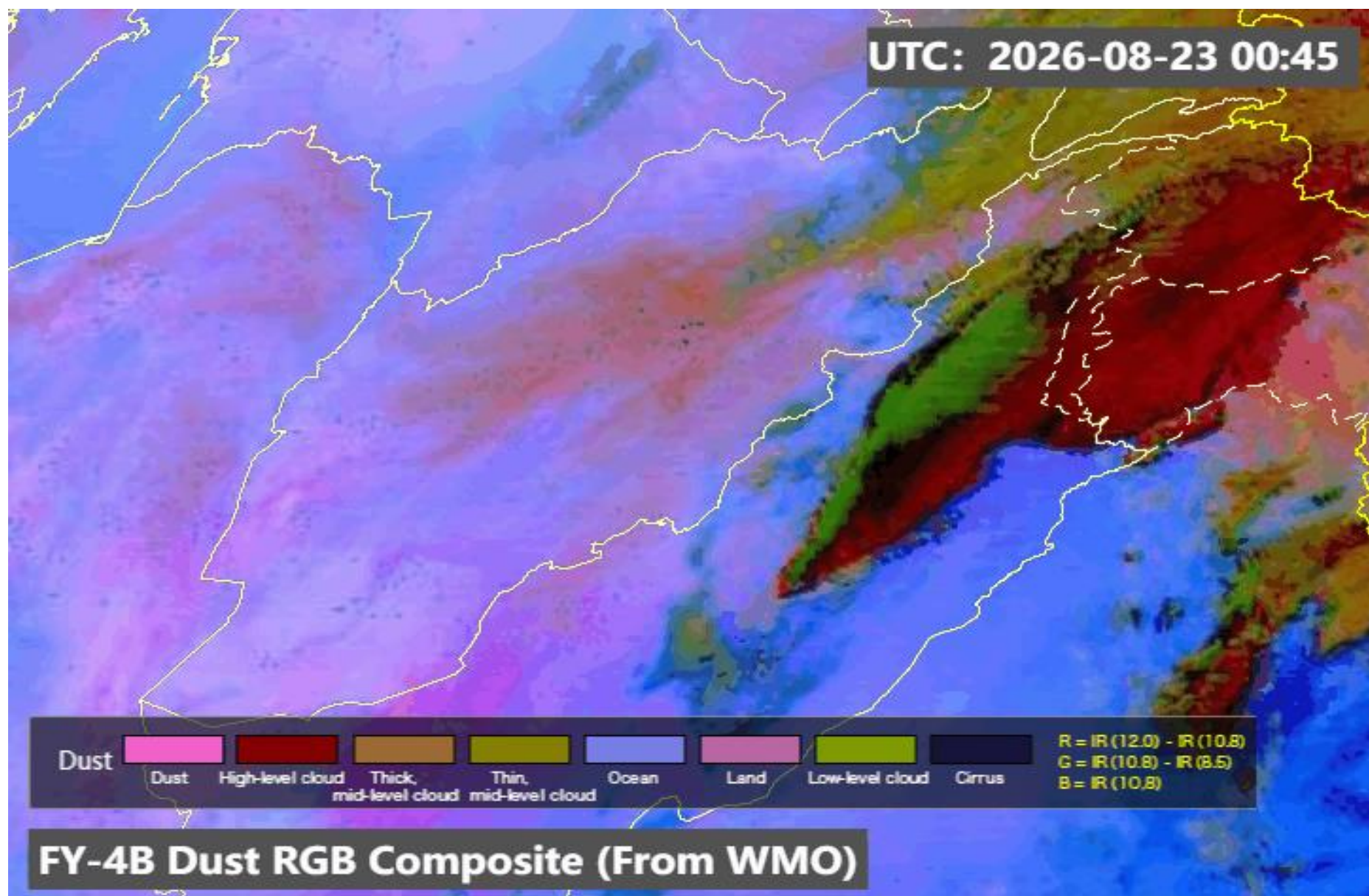
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-08-23 00:45

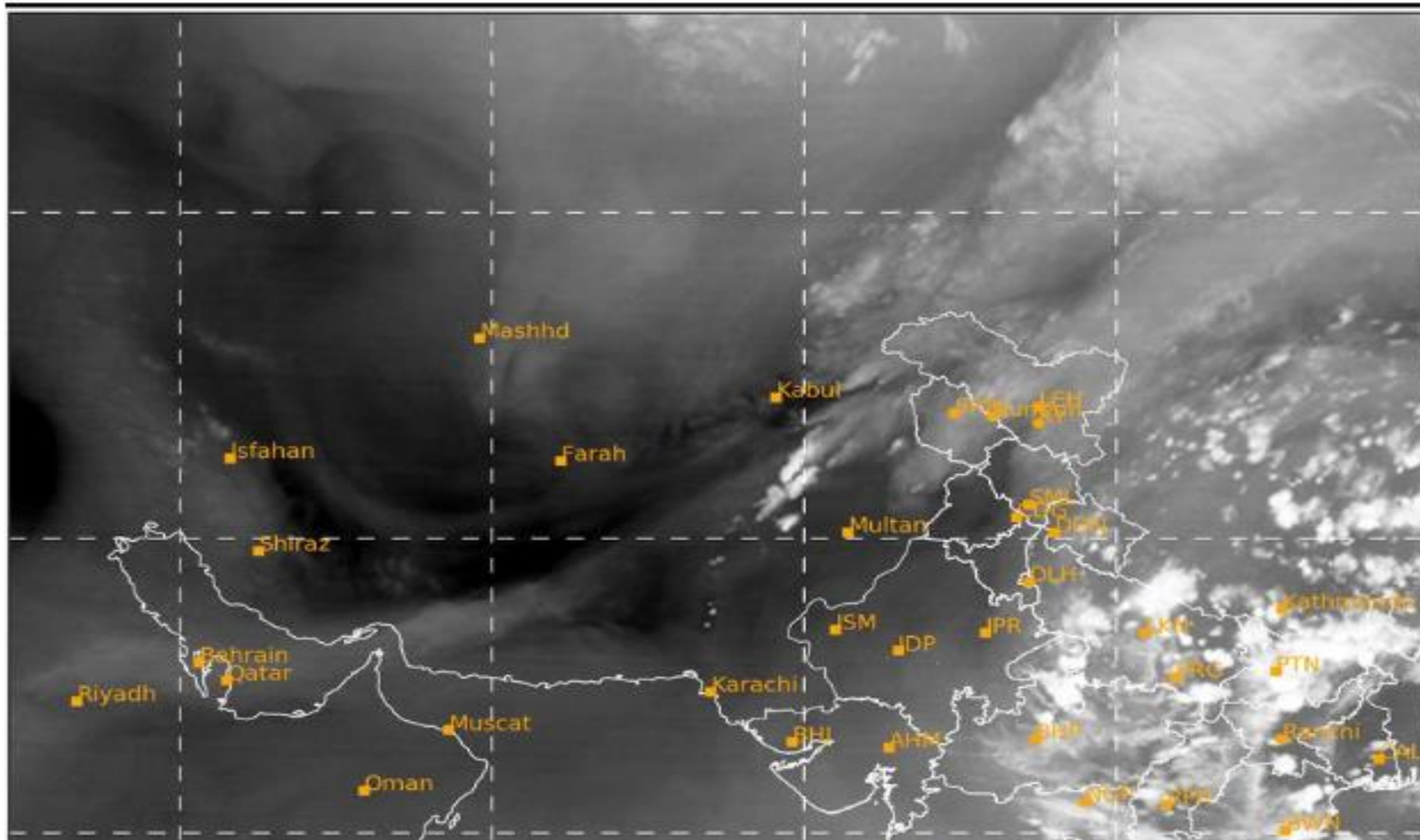


Live satellite map, Afghanistan



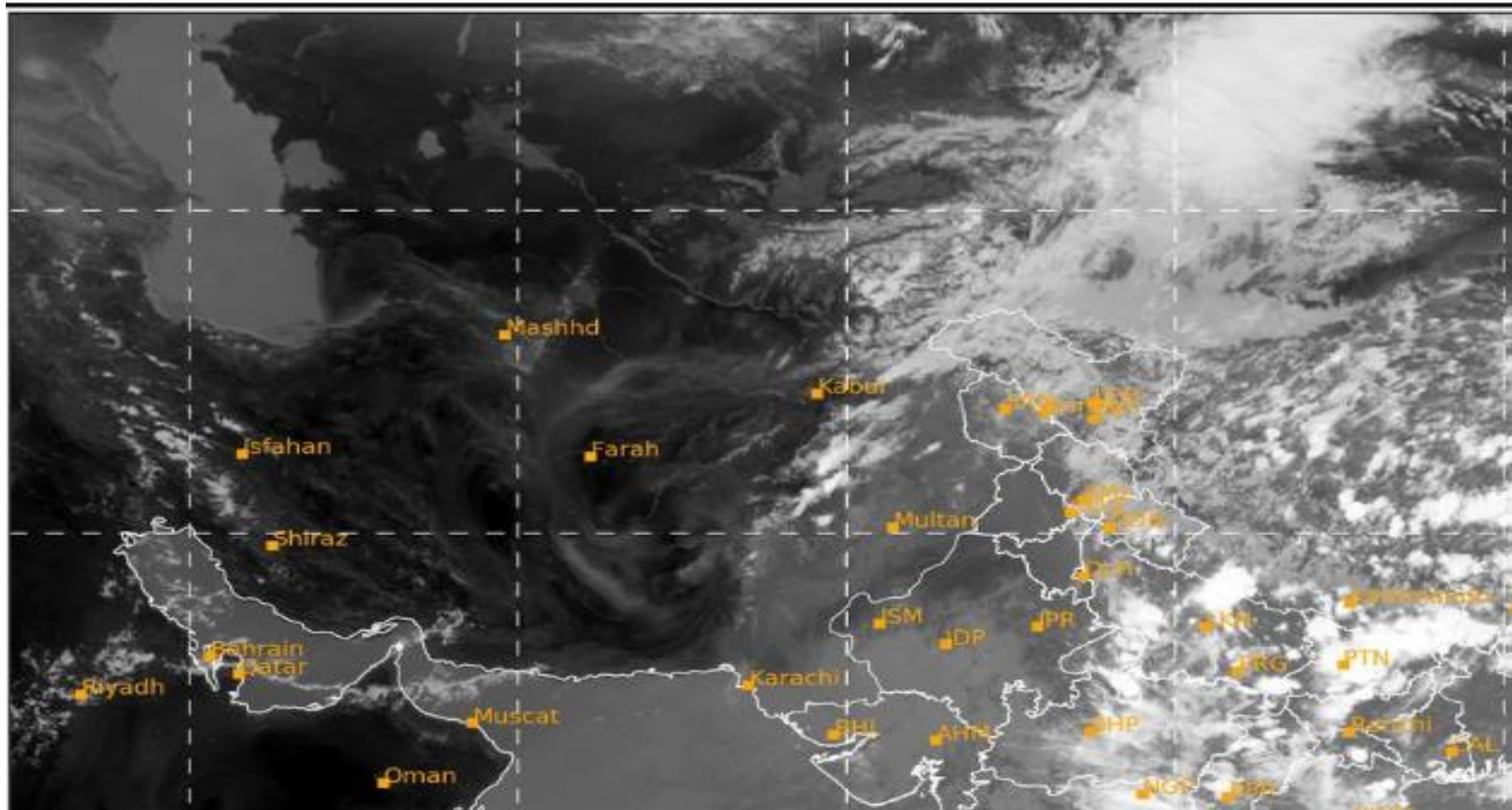
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

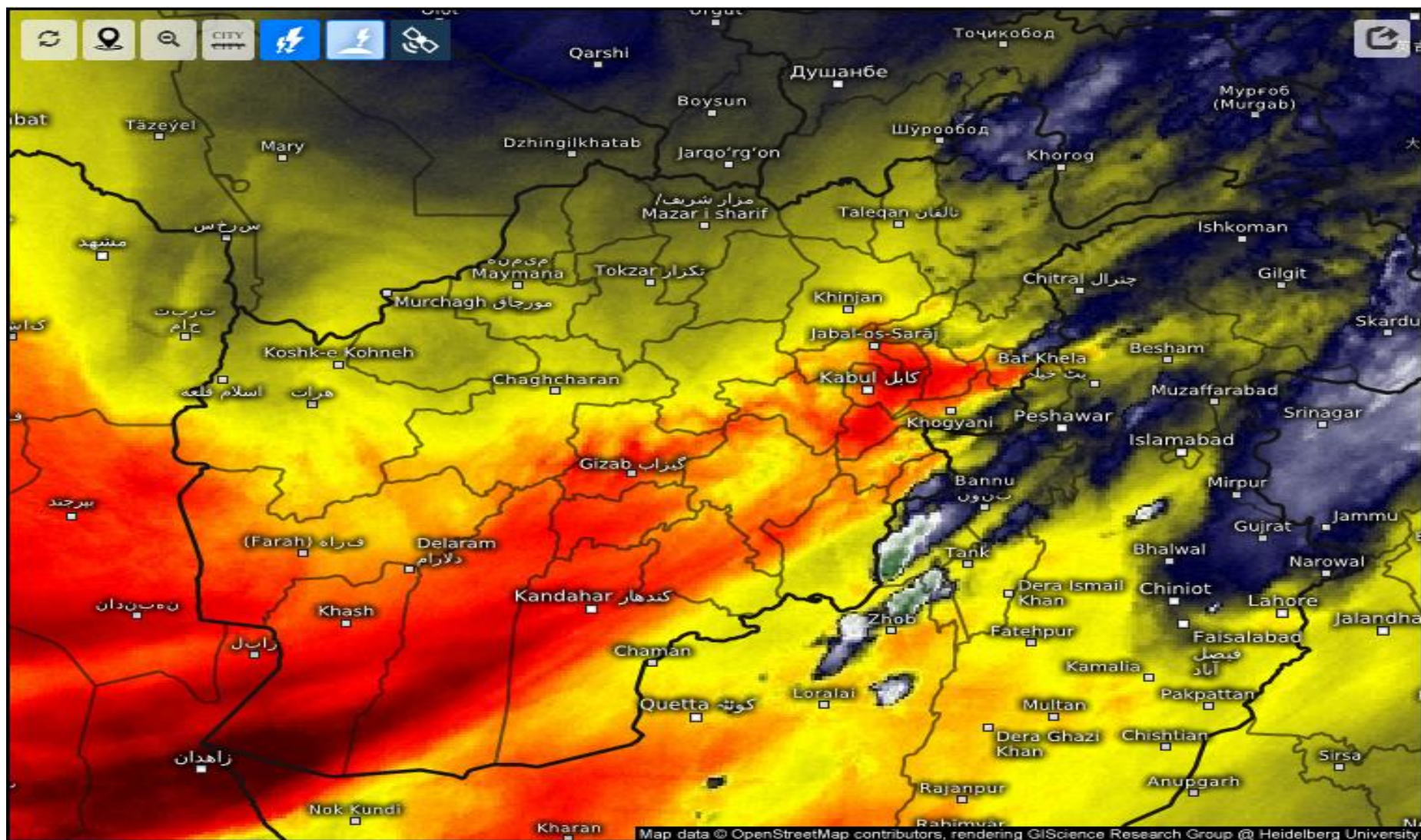
23-08-2026/(0915 to 0942) GMT
23-08-2026/(1445 to 1512) IST



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

23-08-2026/(0845 to 0912) GMT
23-08-2026/(1415 to 1442) IST





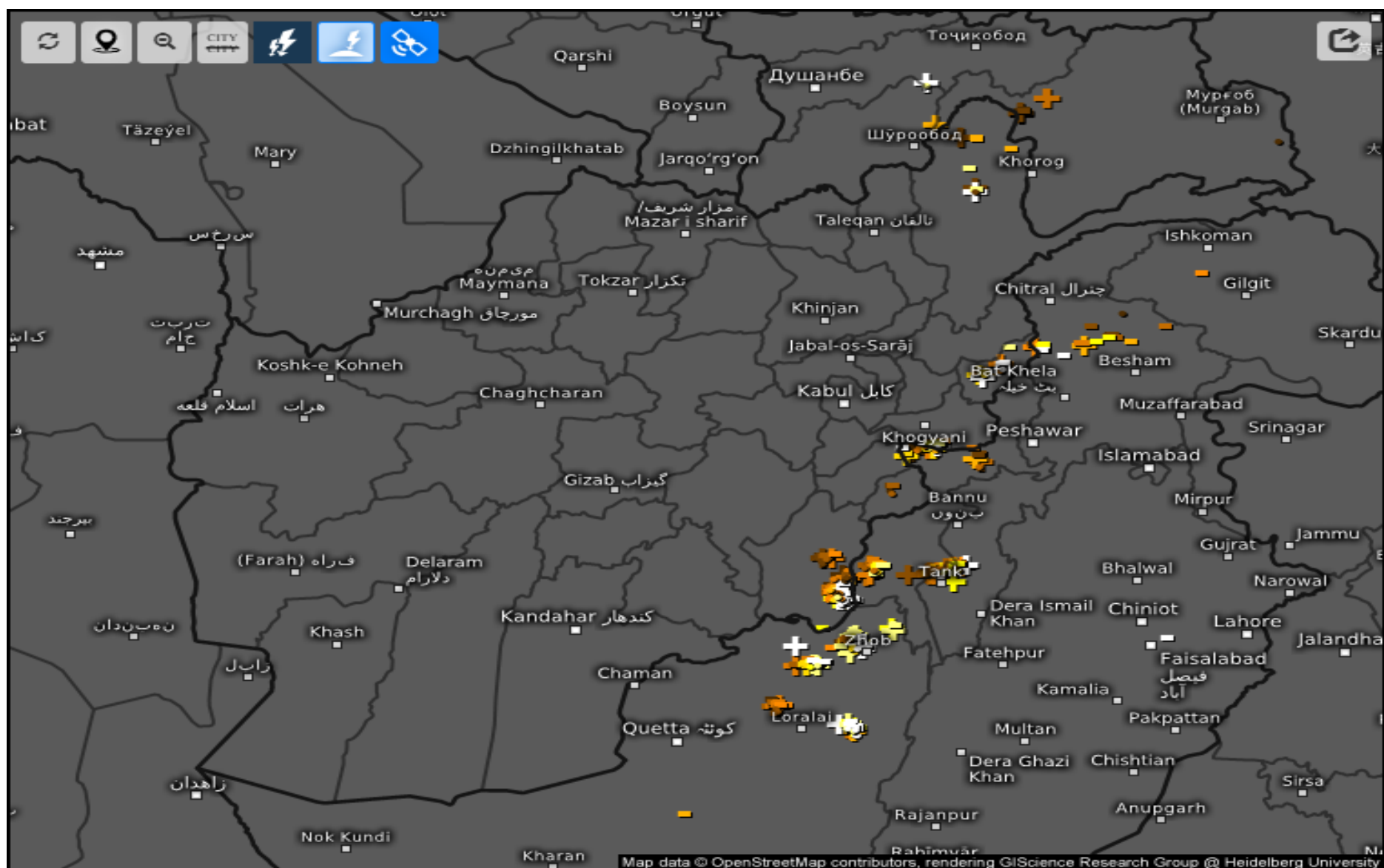
Satellite Water Vapor

Sun 08/23/2026, 01:30pm GMT+0430



wet/cold

dry/warm



Age of lightning (minutes) 

Sun 08/23/2026, 01:30pm GMT+0430

