



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



Daily reports of Satellite imagery analysis. Date & Time: 27-08-2026, 07:30 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	X	X	✓ Dry/warm	X	✓	
2	South	X	X	X	X	X	✓ Dry/warm	X	✓	
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	✓ Dry/warm	X	X	
7	Southeast	X	X	X	X	X	✓ Dry/warm	X	X	
8	Northwest	✓	light	X	X	X	✓ Dry/warm	X	X	
9	Southwest	X	Moderate	X	X	X	✓ Dry/warm	X	✓	

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

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

Reported by: Esmatullah Mohammad

UTC: 2026-08-26 22:15

AirMass



Thick,
high-level cloud



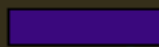
Thick,
mid-level cloud



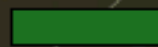
Thick,
low-level cloud



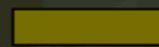
Jet



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: 2026-08-26 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)

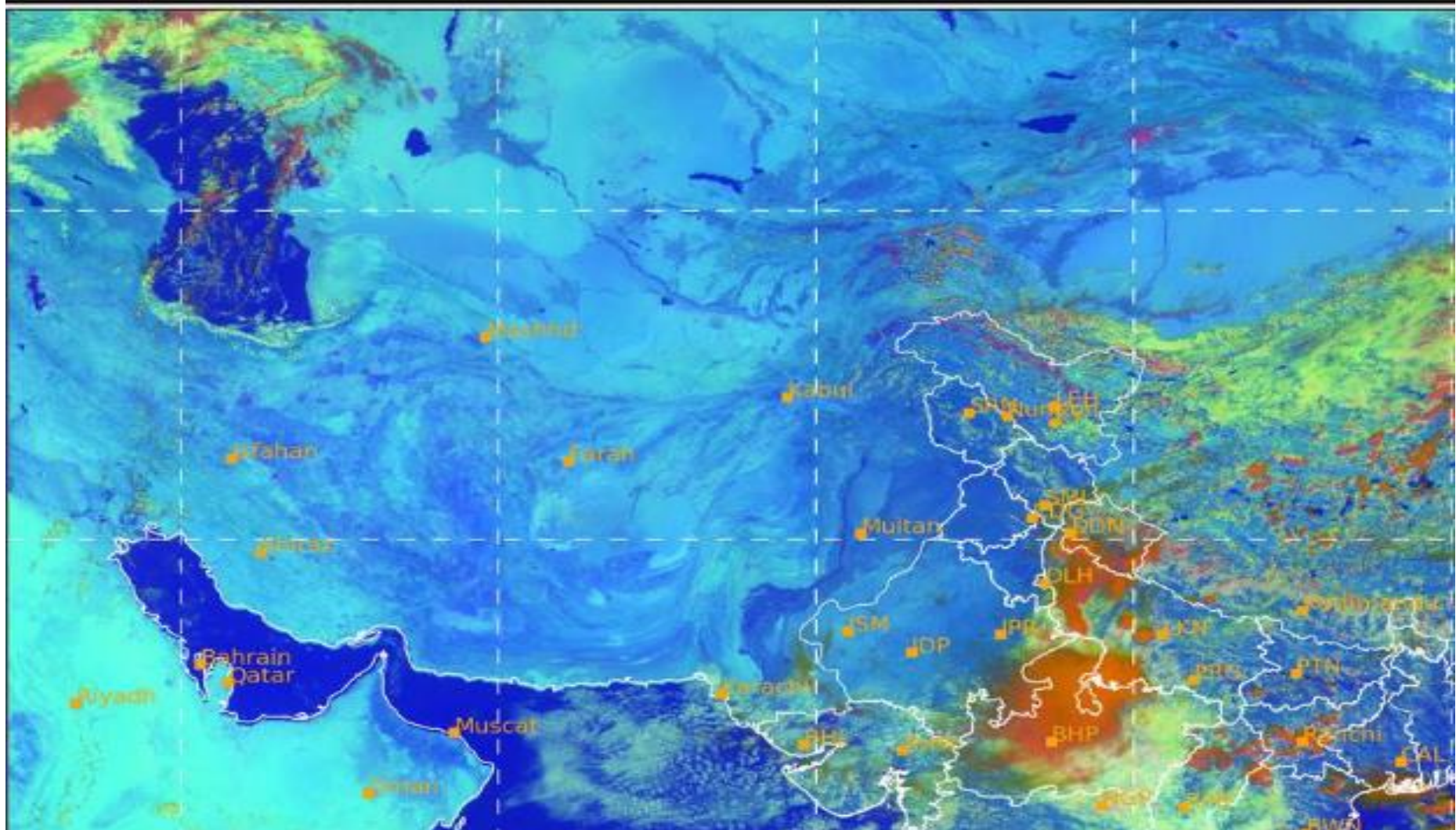
SAT : INSAT-3DR IMG

27-08-2026/(0615 to 0642) GMT

Day Microphysics: VIS_REFL (R), SWIR_REFL (G), TIR1_BT (B)

L1C Mercator

27-08-2026/(1145 to 1212) IST

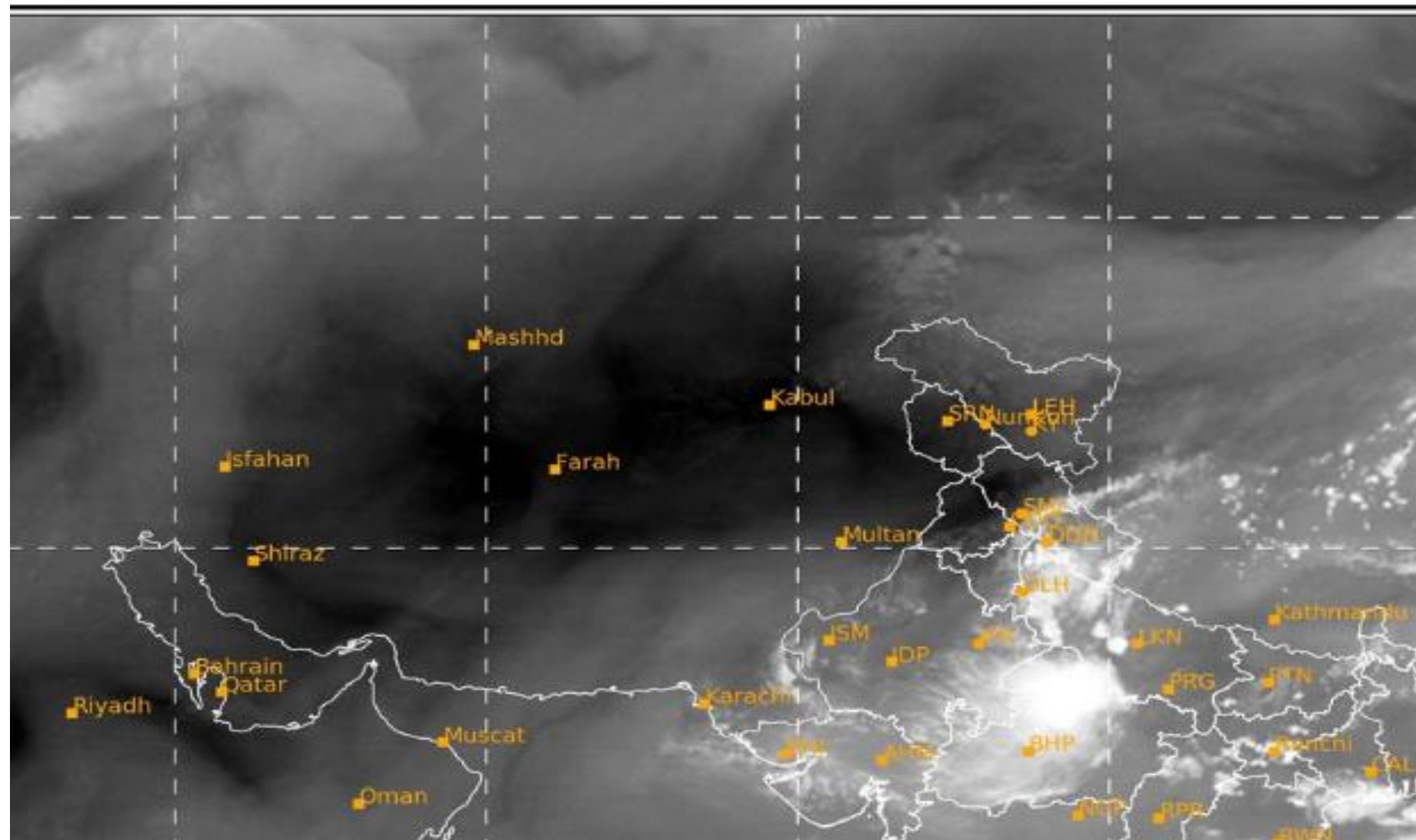


Live satellite map, Afghanistan



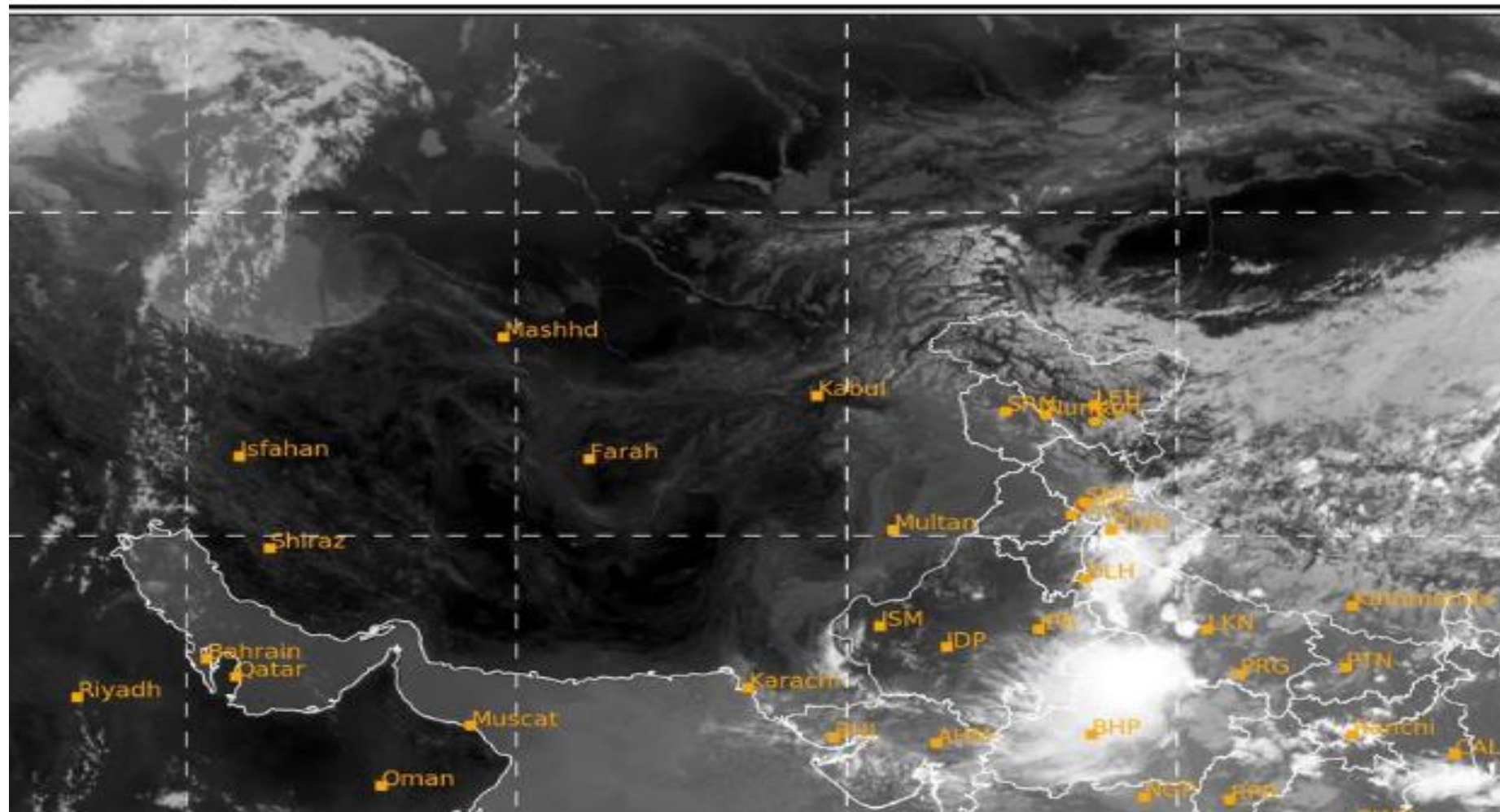
L1C Mercator

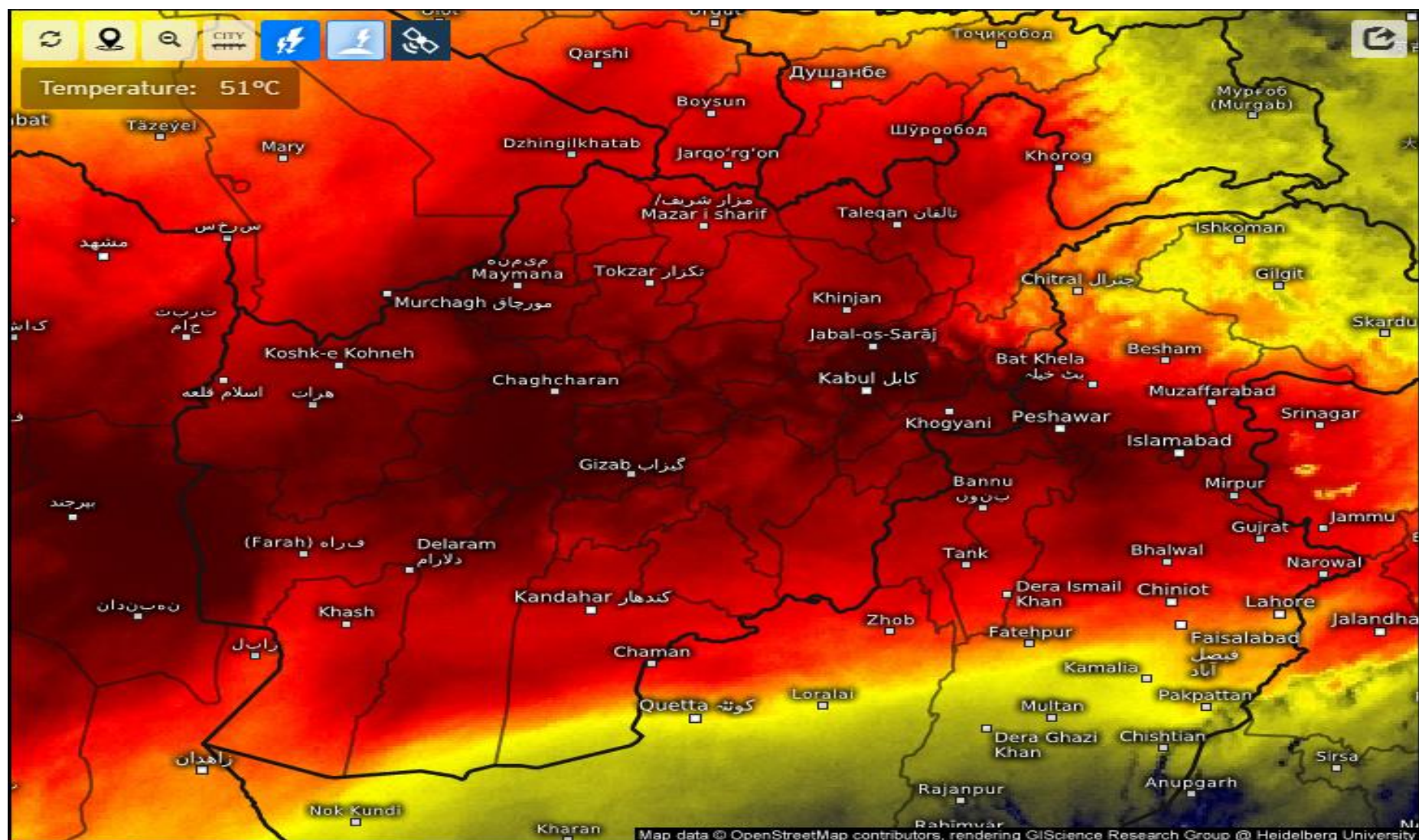
27-08-2026/(1145 to 1212) IST



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

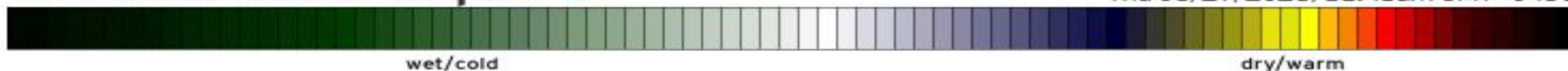
27-08-2026/(0615 to 0642) GMT
27-08-2026/(1145 to 1212) IST

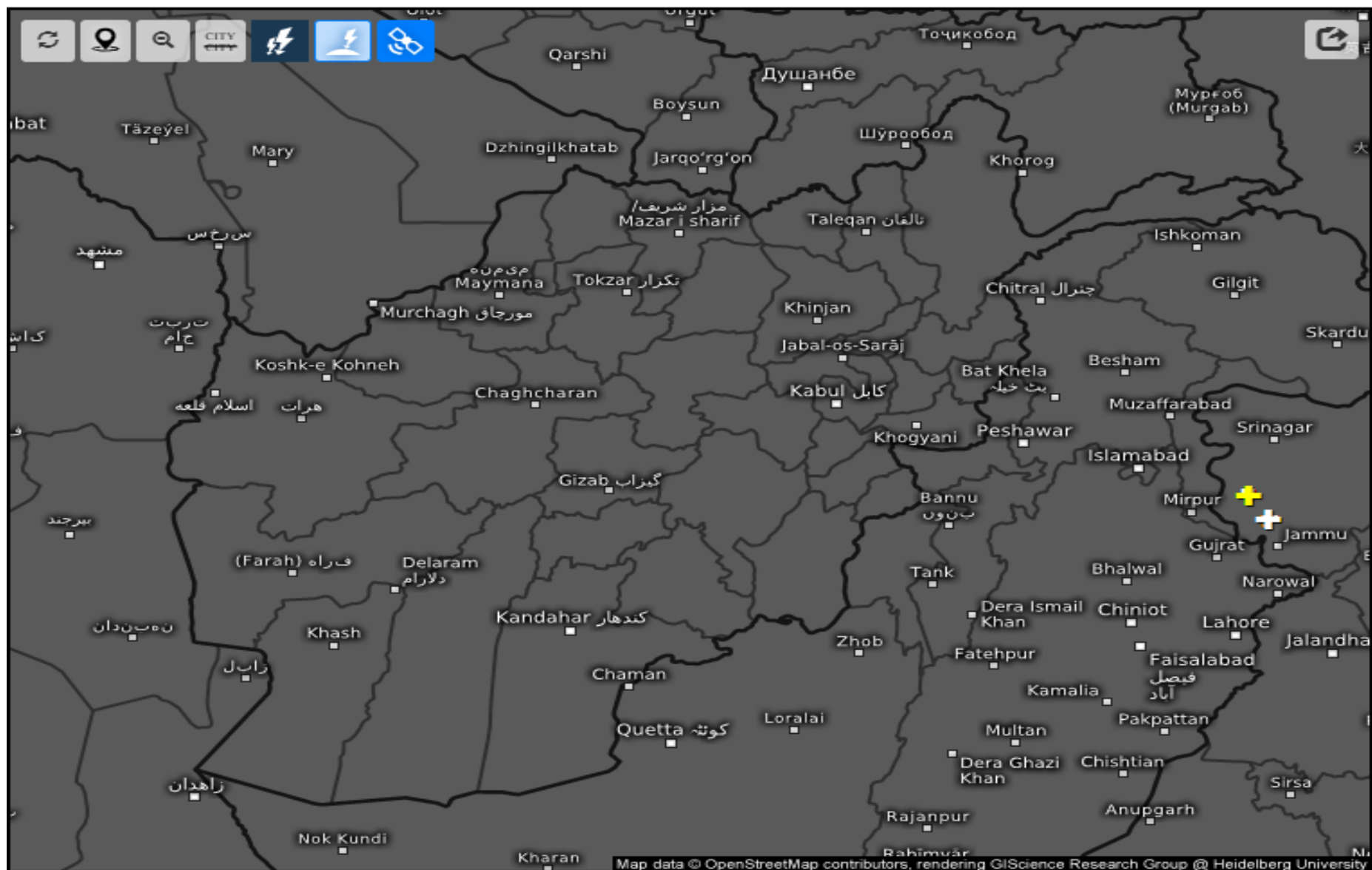




Satellite Water Vapor

Thu 08/27/2026, 11:45am GMT+0430





Age of lightning (minutes) 

Thu 08/27/2026, 12:00pm GMT+0430

