



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



Daily reports of Satellite imagery analysis. Date & Time: 29-08-2026, 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	✓ Dry/warm	X	✓	
2	South	X	light	X	X	X	✓ Dry/warm	X	✓	
3	West	✓	light	X	X	X	✓ Dry/warm	X	X	
4	East	✓	X	✓	✓	X	✓ Weak	X	X	
5	central	✓	X	X	X	X	✓ Dry/warm	X	X	
6	Northeast	✓	X	X	✓	X	✓ Weak	X	X	
7	Southeast	X	X	X	✓	X	✓ Dry/warm	X	X	
8	Northwest	✓	light	X	X	X	✓ Dry/warm	X	X	
9	Southwest	X	light	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 southern, western, northwestern and southwestern regions have dust storm. The eastern regions have lightning. The eastern, northeastern and southeastern regions have cloudy skies. The all-regions have dry/warm water vapor with the exception of eastern, northeastern regions have weak water vapor. The northern, southern and northwestern regions have Jetstream.

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

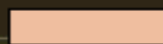
Reported by: Esmatullah Mohammad

UTC: 2026-08-28 23:30

AirMass



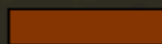
Thick,
high-level cloud



Thick,
mid-level cloud



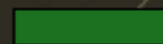
Thick,
low-level cloud



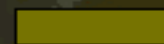
Jet



Cold Airmass



Warm Airmass
(high UTH)



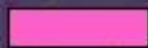
Warm Airmass
(low UTH)

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)

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Dust



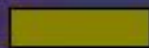
Dust



High-level cloud



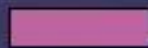
Thick,
mid-level cloud



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)

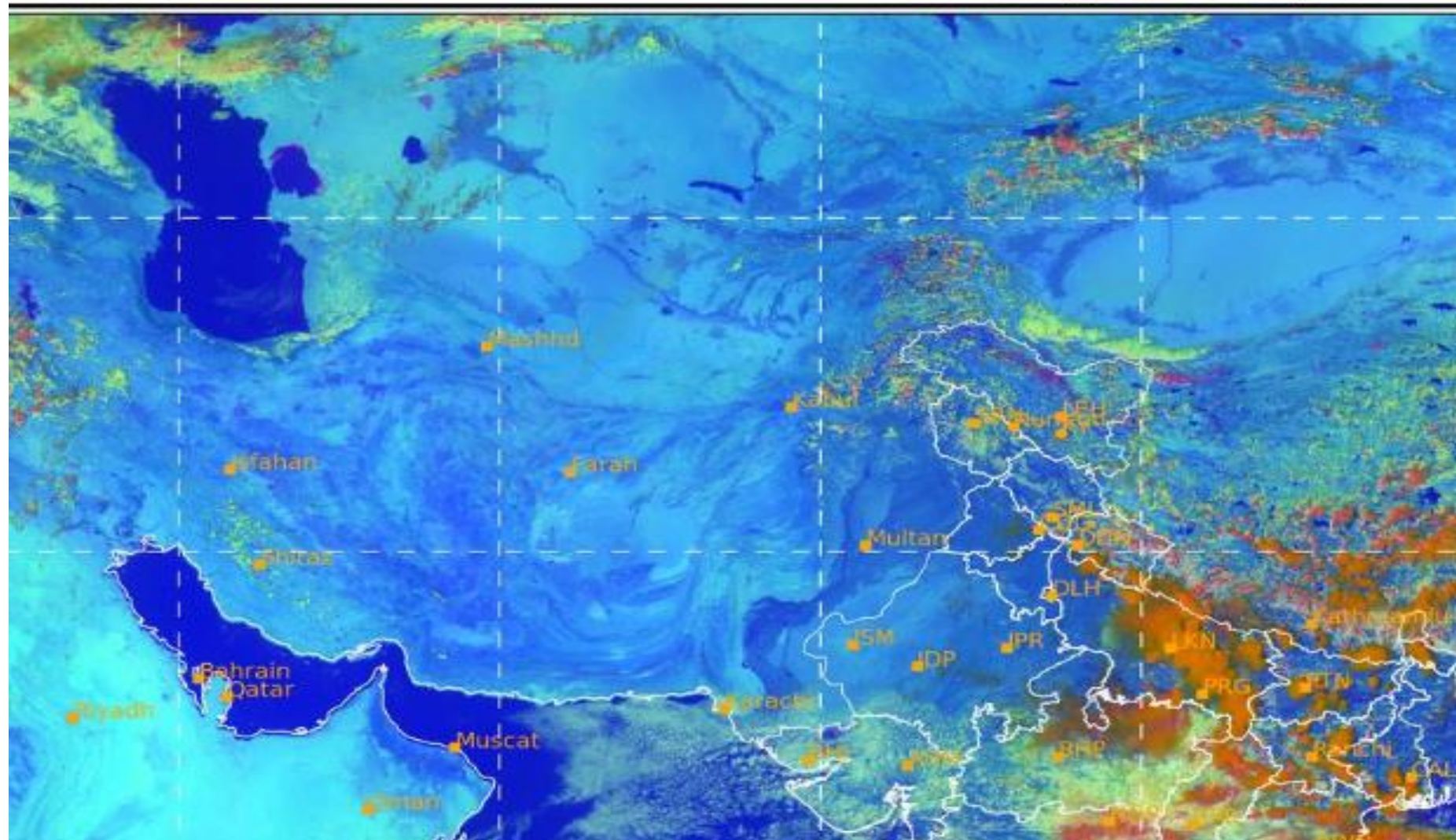
SAT : INSAT-3DR IMG

29-08-2026/(0815 to 0842) GMT

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

L1C Mercator

29-08-2026/(1345 to 1412) IST

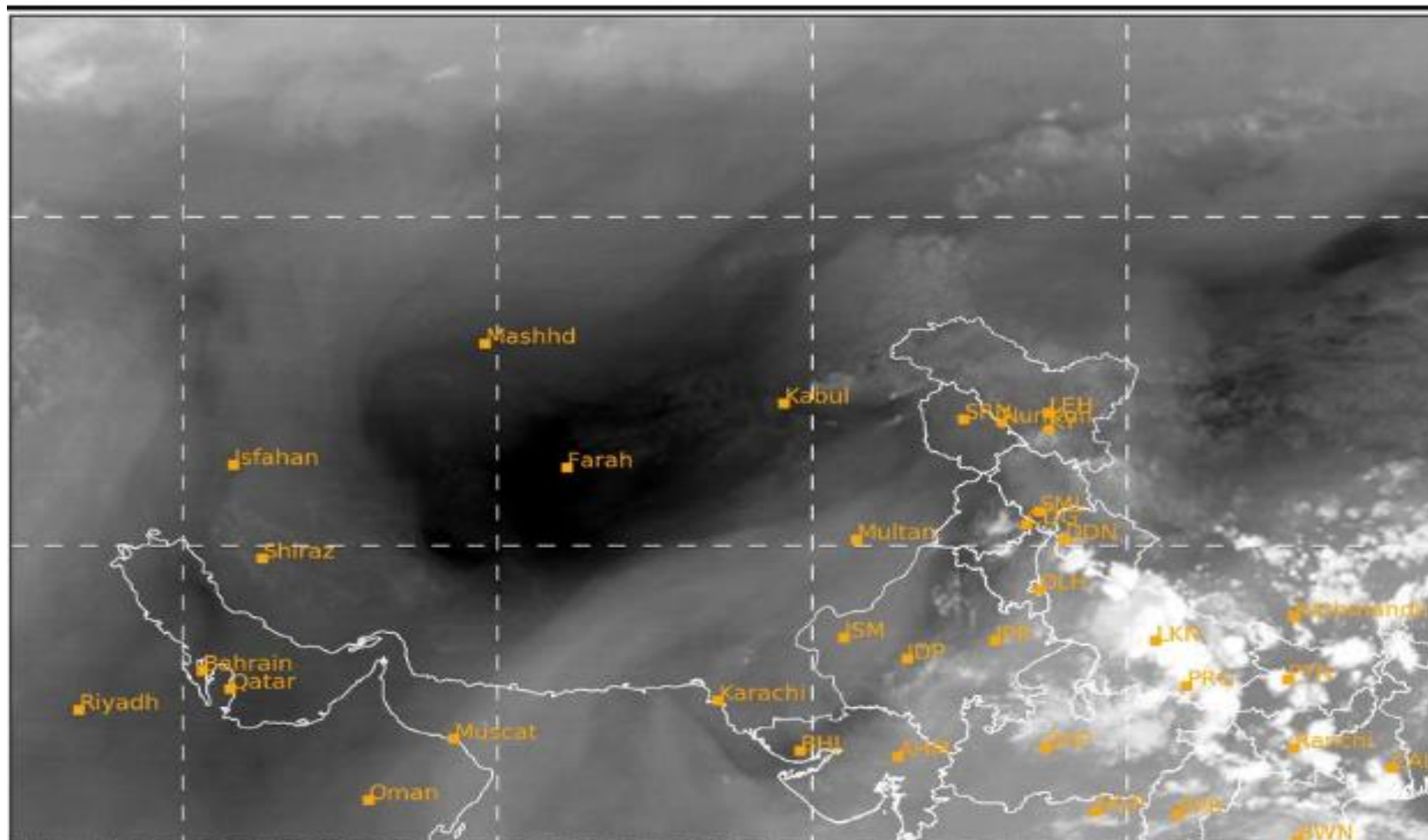


Live satellite map, Afghanistan



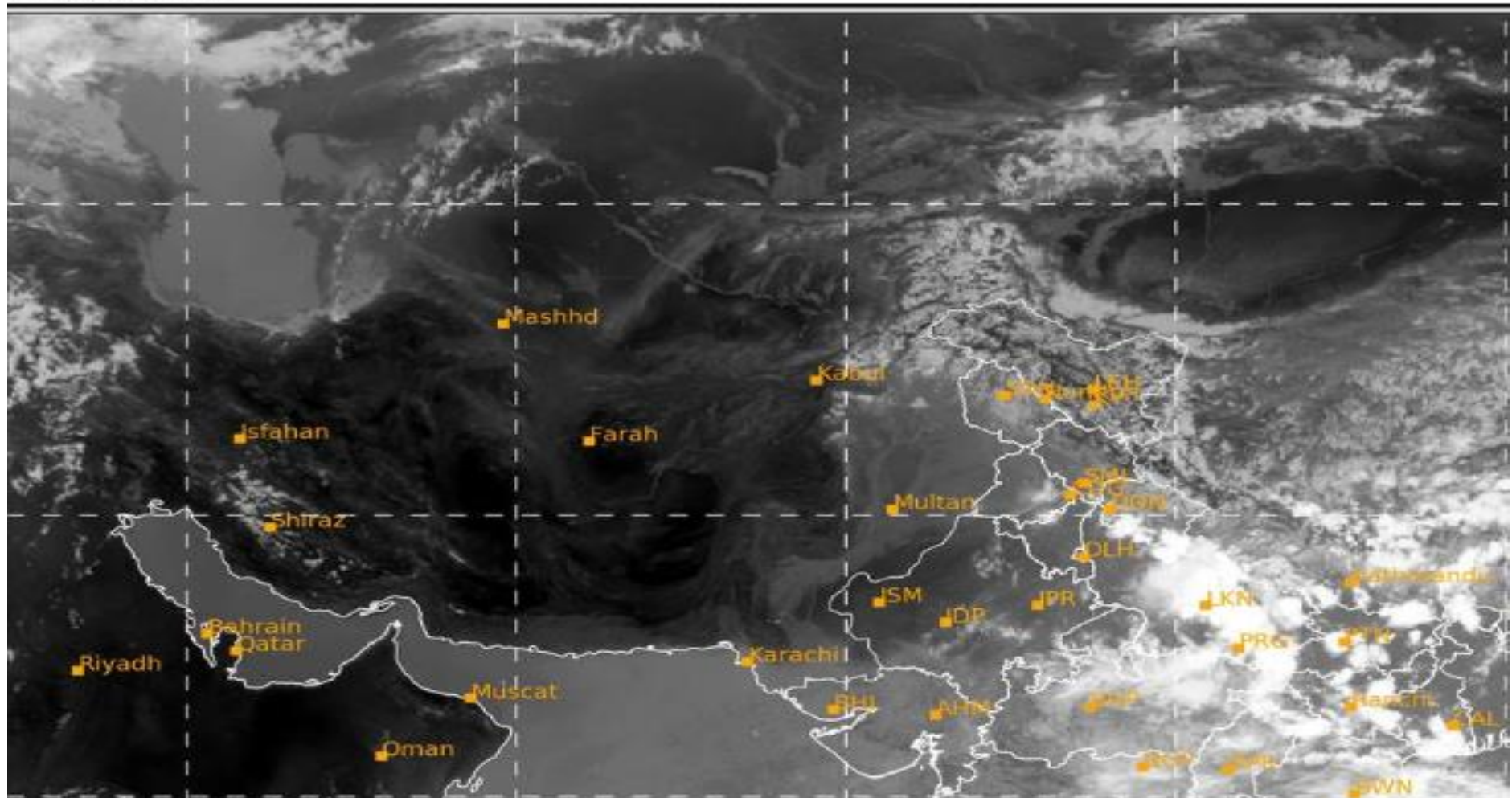
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

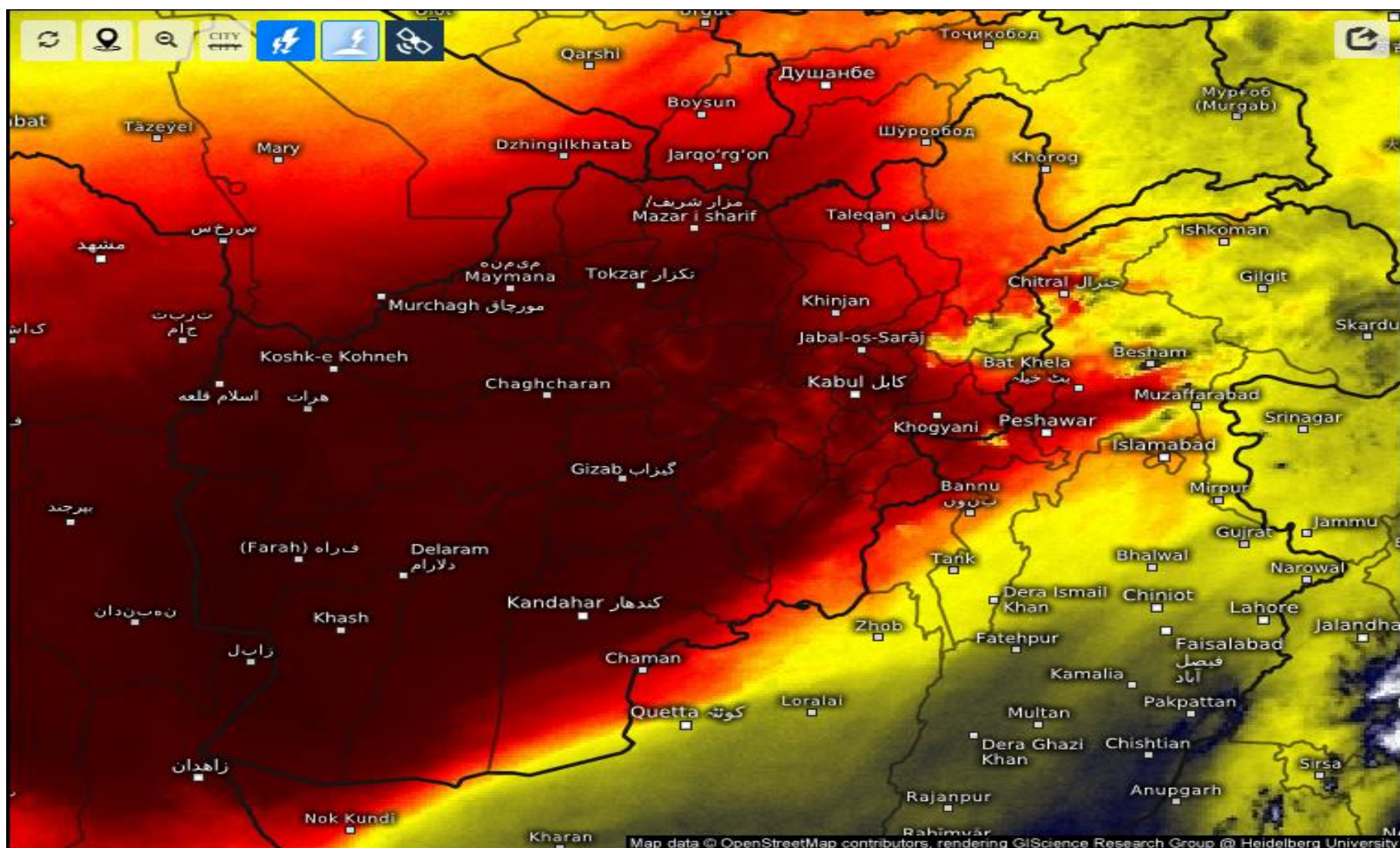
29-08-2026/(0815 to 0842) GMT
29-08-2026/(1345 to 1412) IST



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

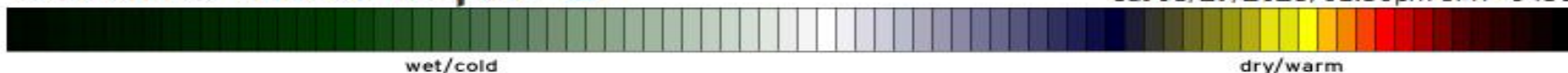
29-08-2026/(0815 to 0842) GMT
29-08-2026/(1345 to 1412) IST

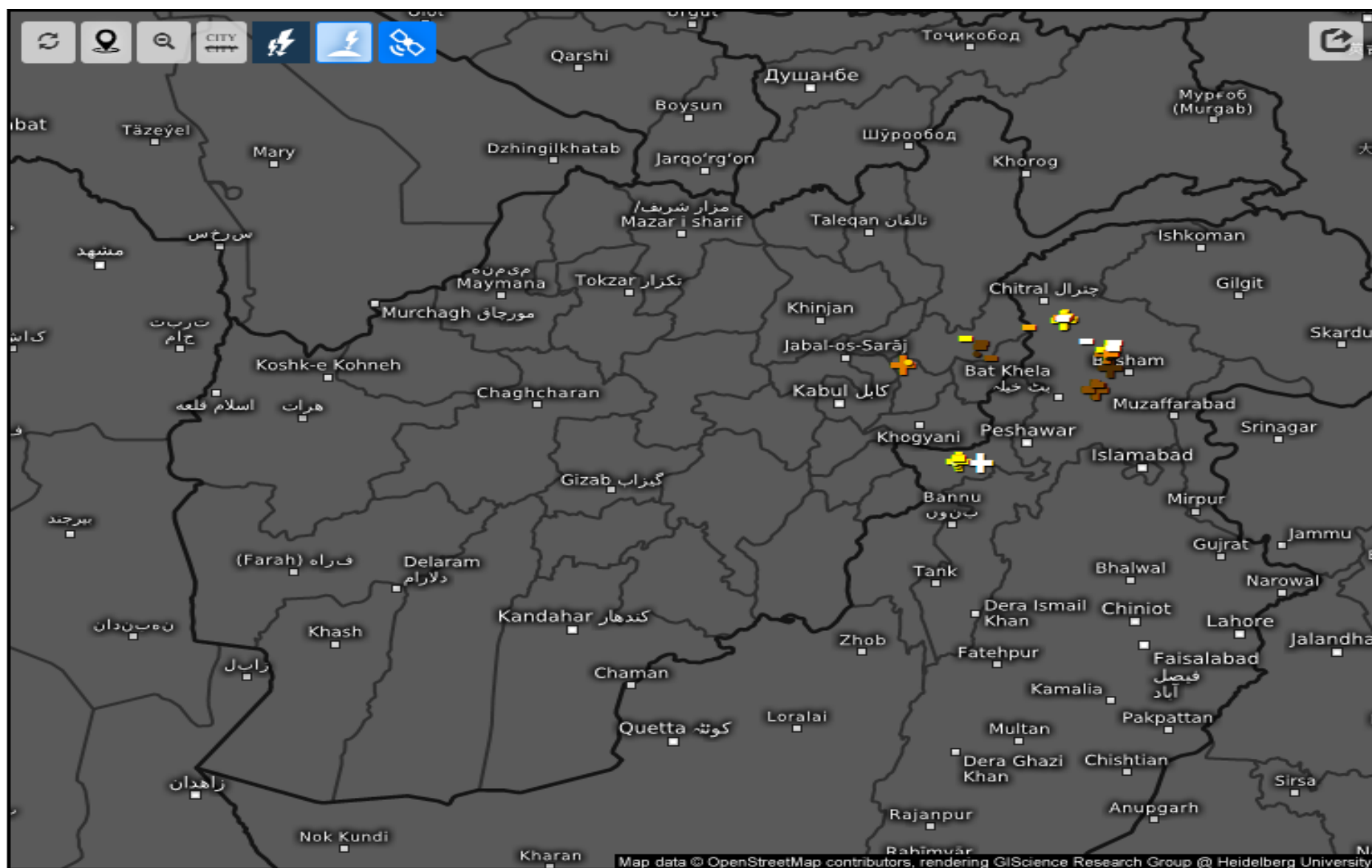




Satellite Water Vapor

Sat 08/29/2026, 01:30pm GMT+0430





Age of lightning (minutes) 

Sat 08/29/2026, 01:50pm GMT+0430

