



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



Daily reports of Satellite imagery analysis. Date & Time: 31-08-2026, 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	✓	
2	South	✓	✓	X	X	X	✓	X	✓	
3	West	✓	✓	X	X	X	✓	X	X	
4	East	✓	X		✓	X	✓	X	X	Thunder storm
5	central	✓	X	X	X	X	✓	X	X	
6	Northeast	✓	X	X	✓	X	✓	X	X	
7	Southeast	✓	X		✓	X	✓	X	X	
8	Northwest	✓	✓	X	✓	X	✓	X	X	
9	Southwest	✓	✓	X	X	X	✓	X	✓	

Details: according to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, northwestern and southwestern regions have weak warm air mass. The southern, western, northwestern and southwestern regions have weak dust. The eastern and southeastern regions have thunder storm. The eastern, northeastern, southeastern and northwestern regions have cloudy sky. The all-regions have dry water vapor. The northern, southern and southwestern regions have Jetstream.

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

Reported by: Esmatullah Mohammadi

Legend:

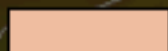
Dust		Water vapor		Air mass		Thunder storm	Cloud	Fog	Jet stream	Cyclone & Anticyclone	
Weak Dust	Dust storm	Weak	Dry	Moderate	Warm	Cold				Cyclon	Anticyclo

UTC: 2026-08-30 23:00

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



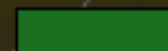
Thick,
low-level cloud



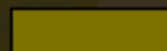
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

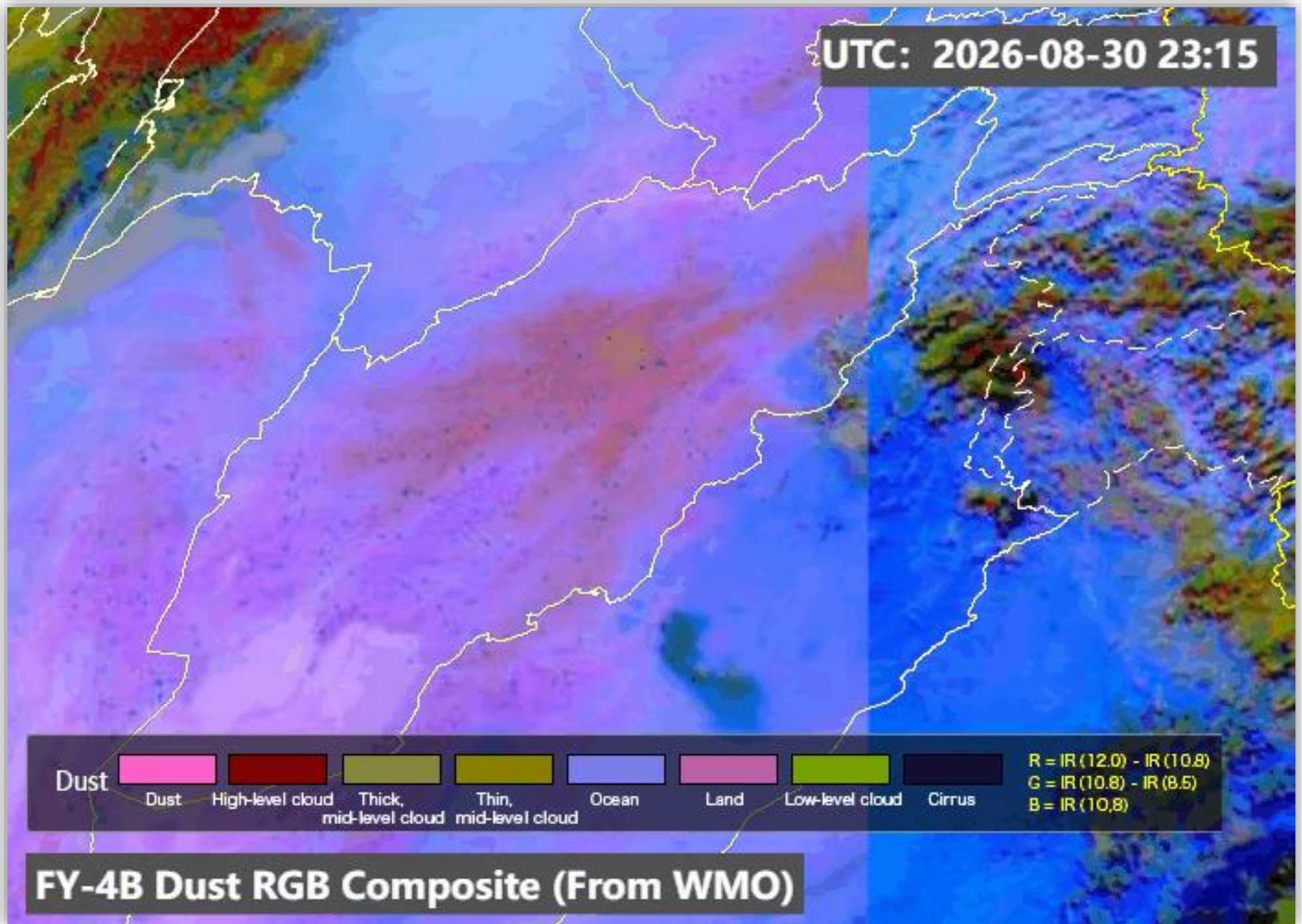
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

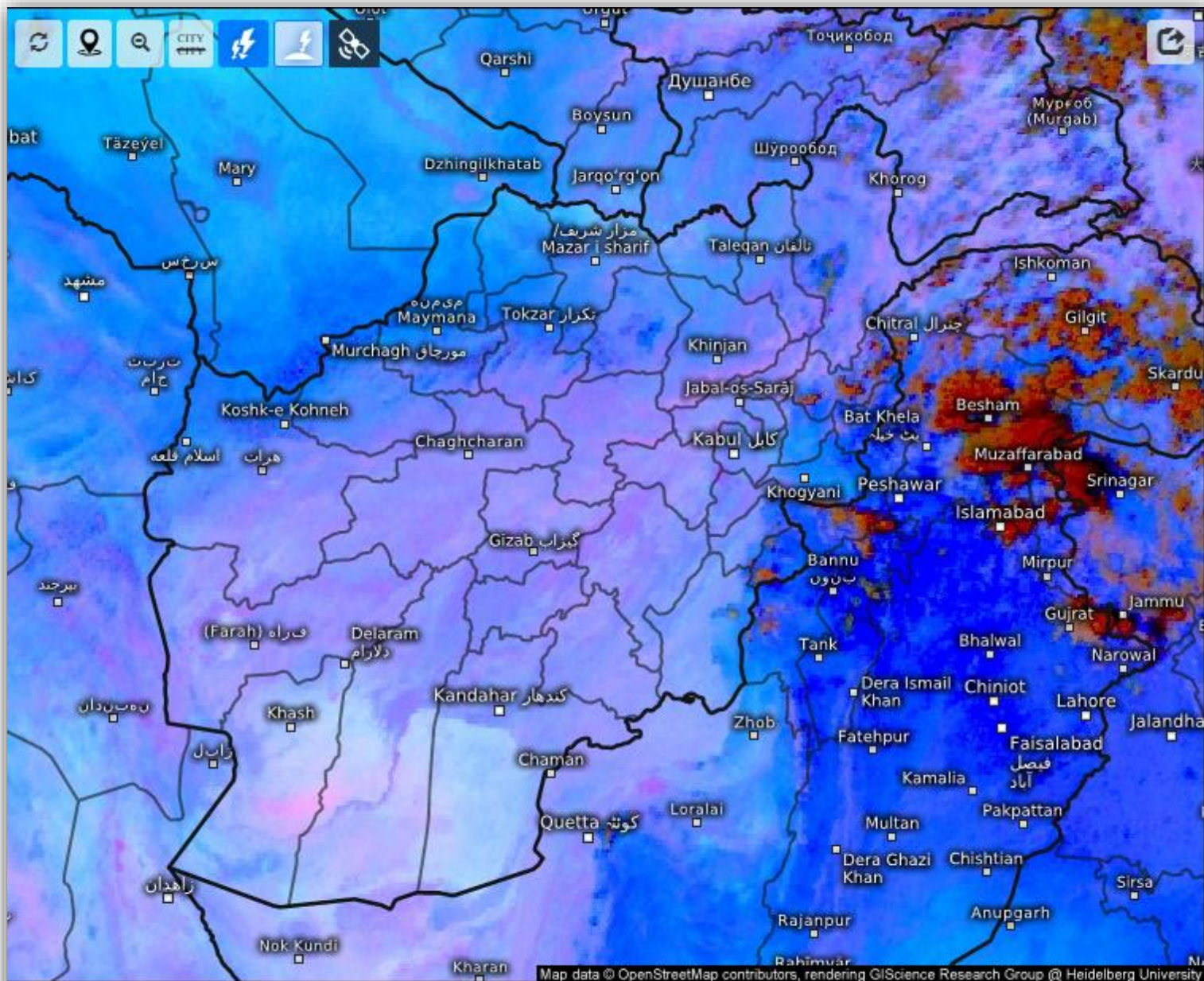
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-08-30 23:15

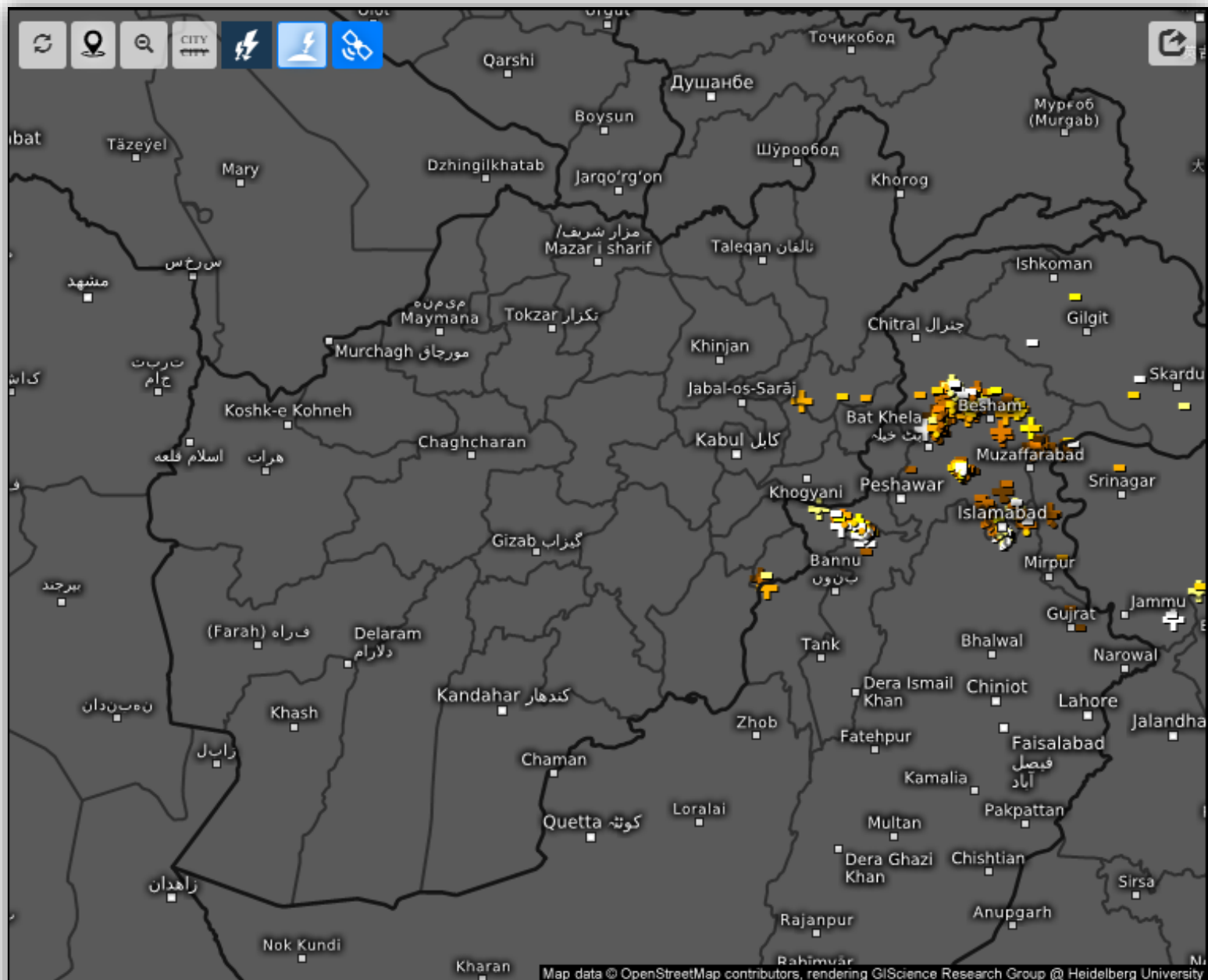


FY-4B Dust RGB Composite (From WMO)



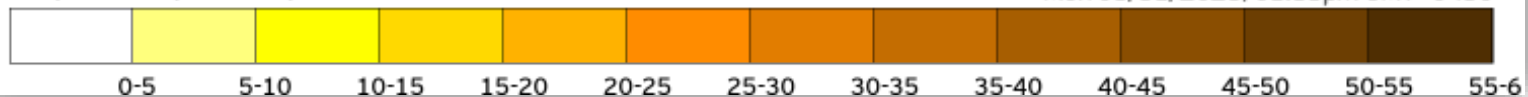
Satellite Dust 

Mon 08/31/2026, 01:30pm GMT+0430



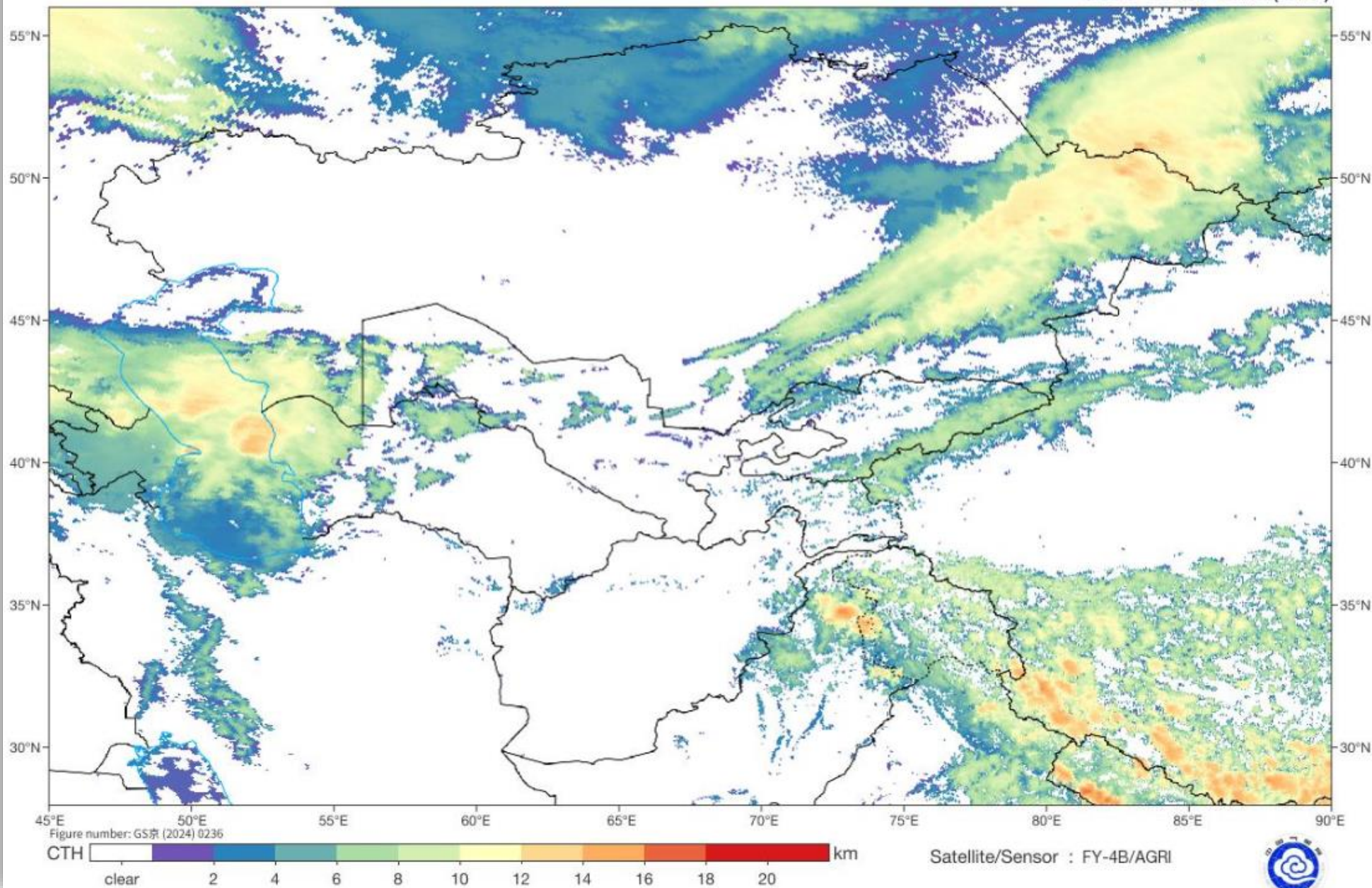
Age of lightning (minutes) 

Mon 08/31/2026, 01:55pm GMT+0430

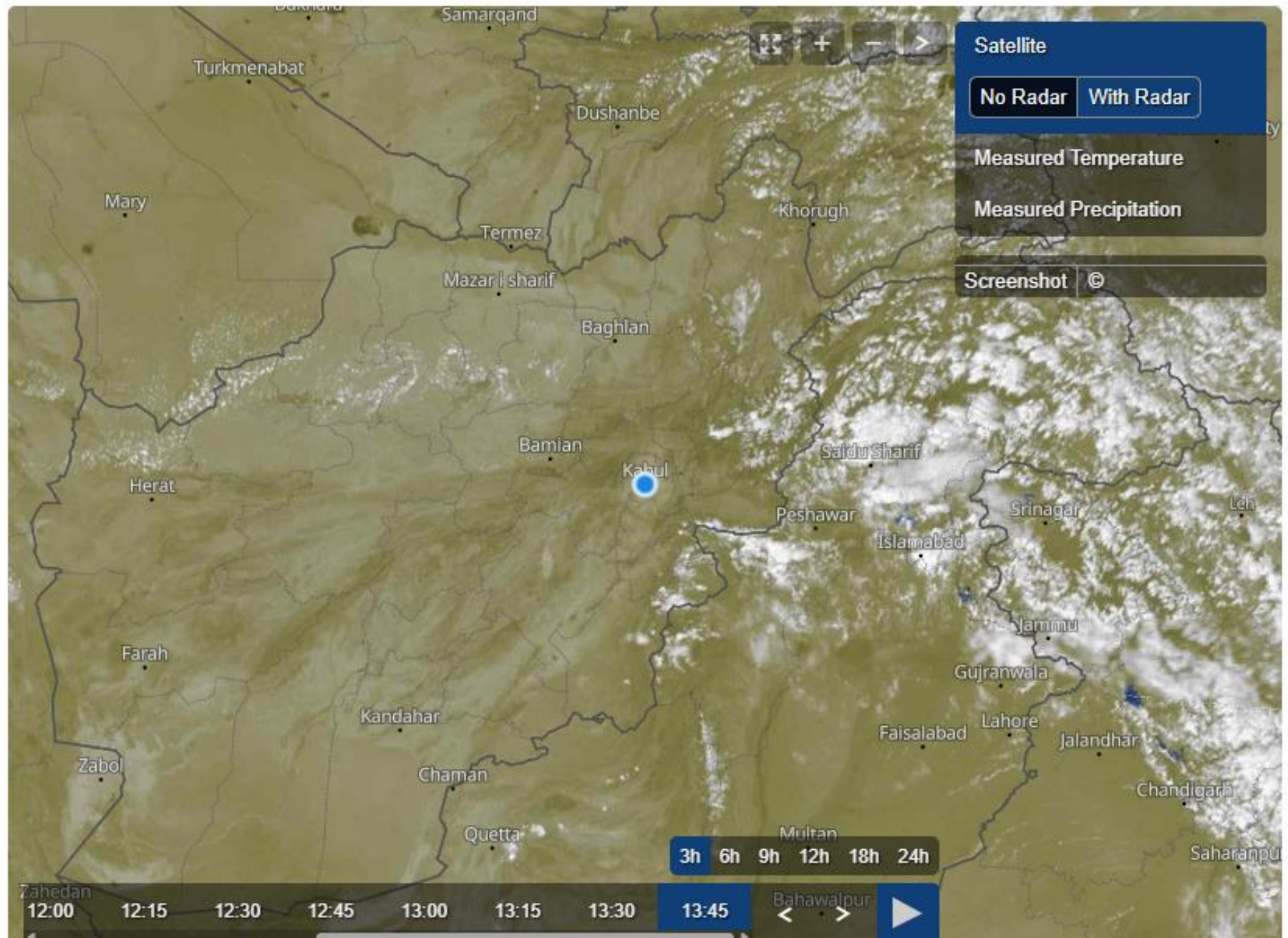


Cloud Top Height

2026-08-31 08:15(UTC)



Live satellite map, Afghanistan



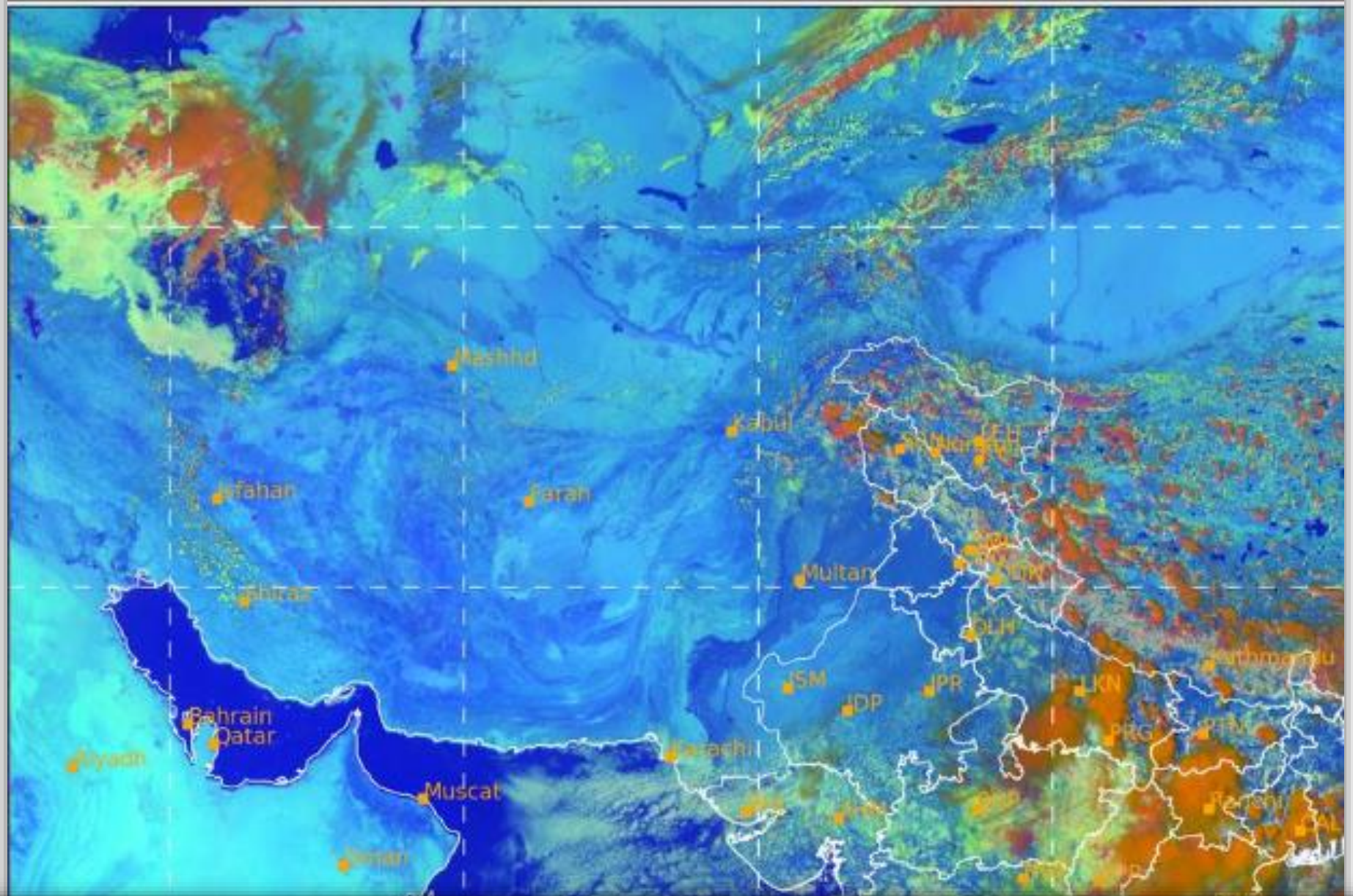
SAT : INSAT-3DR IMG

31-08-2026/(0815 to 0841) GMT

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

L1C Mercator

31-08-2026/(1345 to 1411) IST



0

100% 0

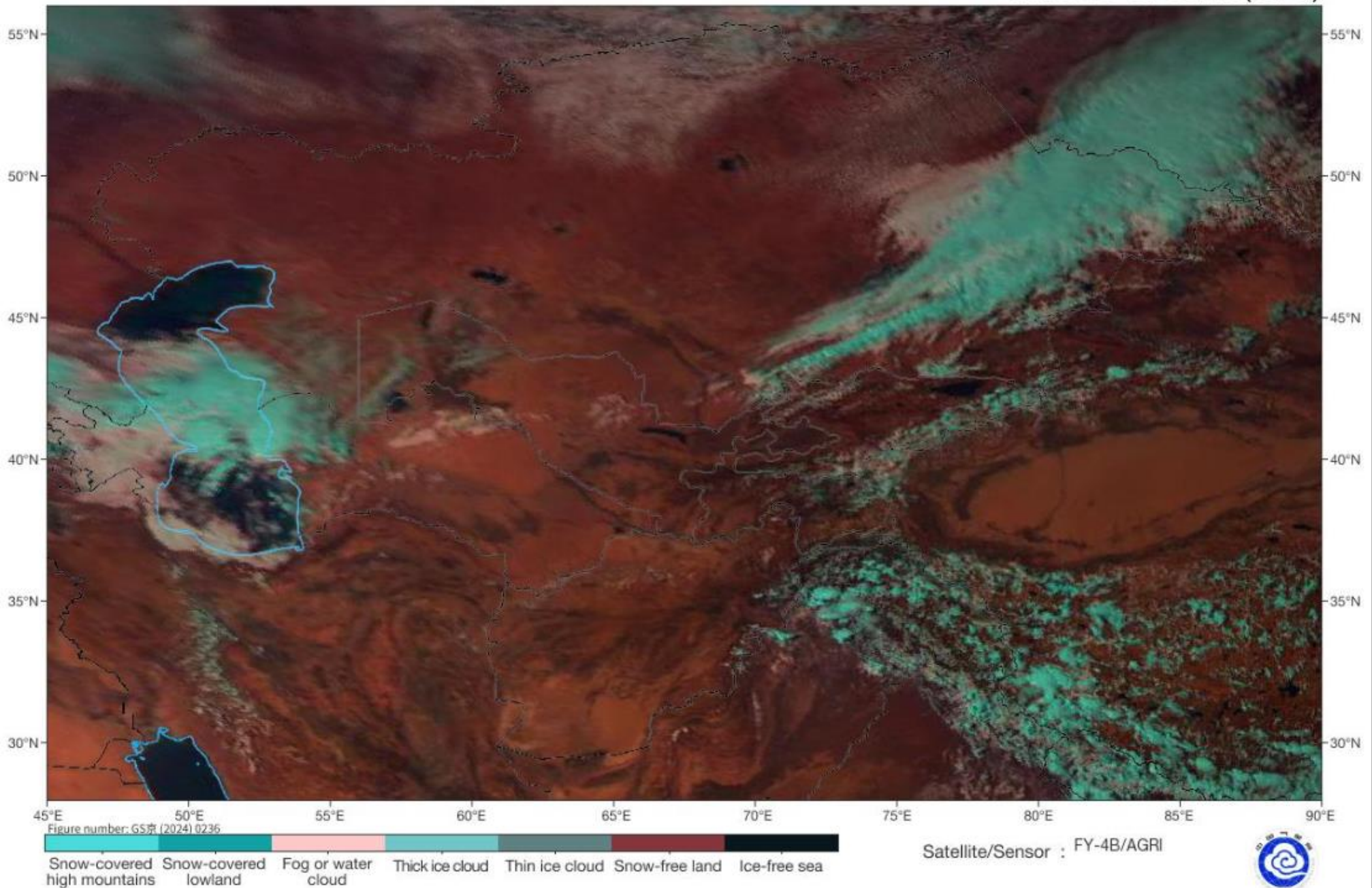
60% 203

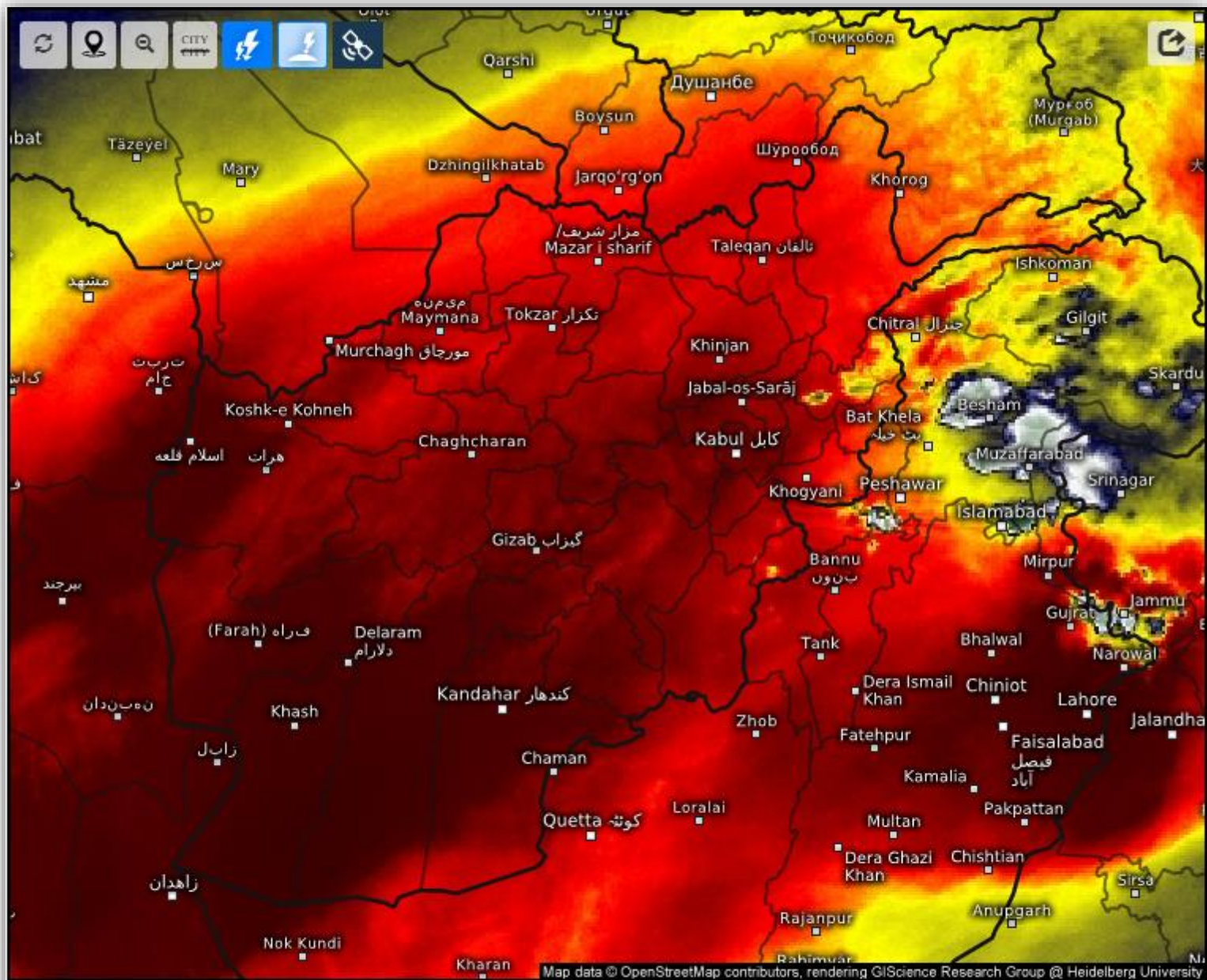
323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

Fog Identification

2026-08-31 09:15(UTC)





Satellite Water Vapor

Mon 08/31/2026, 01:30pm GMT+0430



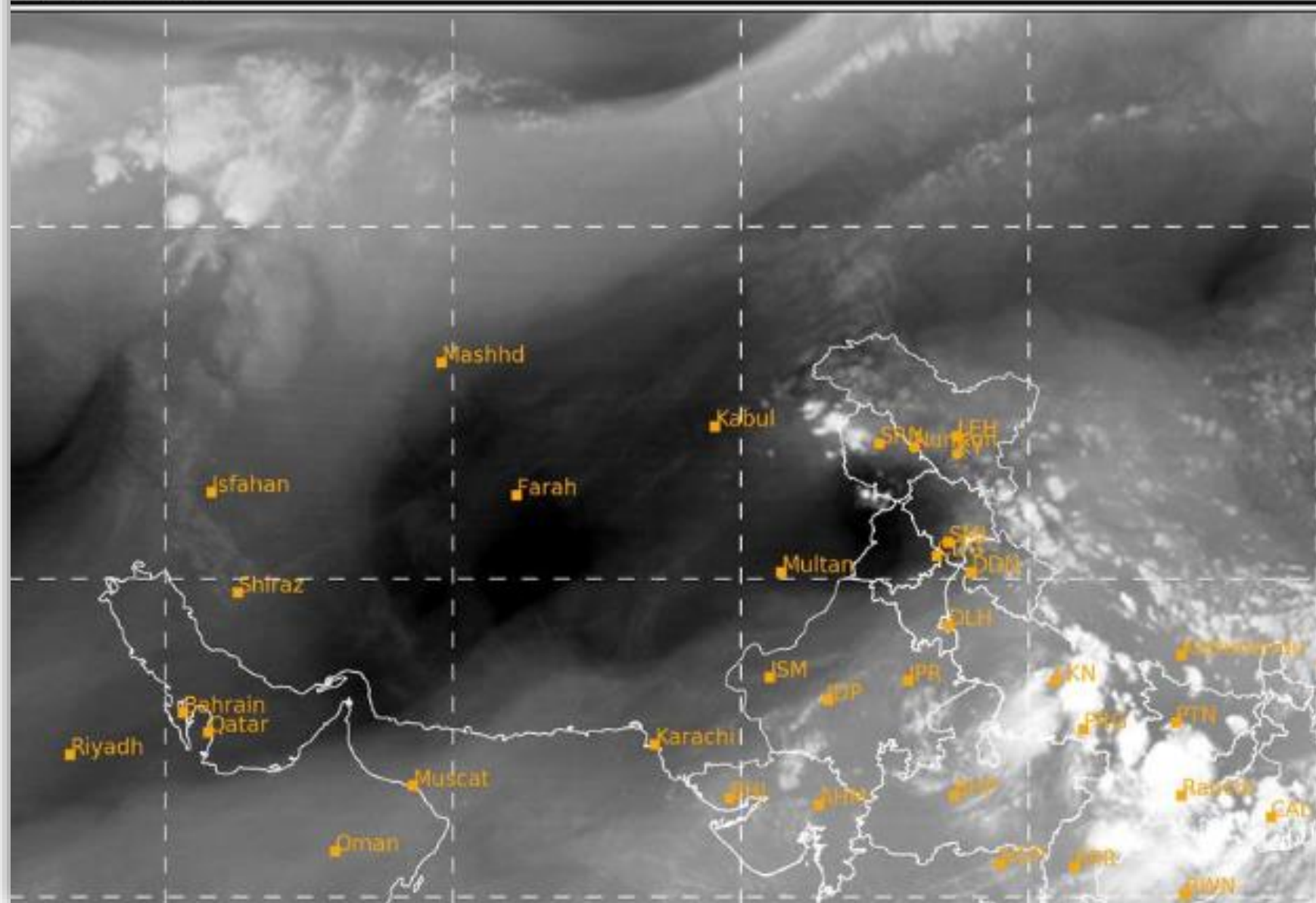
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

31-08-2026/(0815 to 0841) GMT

31-08-2026/(1345 to 1411) IST



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

31-08-2026/(0815 to 0841) GMT
31-08-2026/(1345 to 1411) IST

