



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



Daily reports of Satellite imagery analysis. Date & Time: 12/01/2026, 03:00 UTC

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

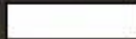
**Details:** According to satellite imagery analysis, the eastern, northeastern, southeastern, and southwestern areas have cold air mass. The northern, southern, western, central, and northwestern areas have warm air mass. Some parts of northern and western areas have dust storm. Some parts of eastern and southeastern areas have partly cloudy sky. The northern and northwestern areas have weak water vapor. The southern, western, eastern, central, northeastern, southeastern, and southwestern areas have moderate water vapor.

**Note:** X (Not existing phenomena), ✓ (exist phenomena)

- Reported by: Sayed Taher Atlas

UTC : 2026-01-12 01:00

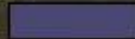
AirMass



Thick,  
high-level cloud



Thick,  
mid-level cloud



Thick,  
low-level cloud



Jet



Cold Airmass



Warm Airmass  
(high UTH)



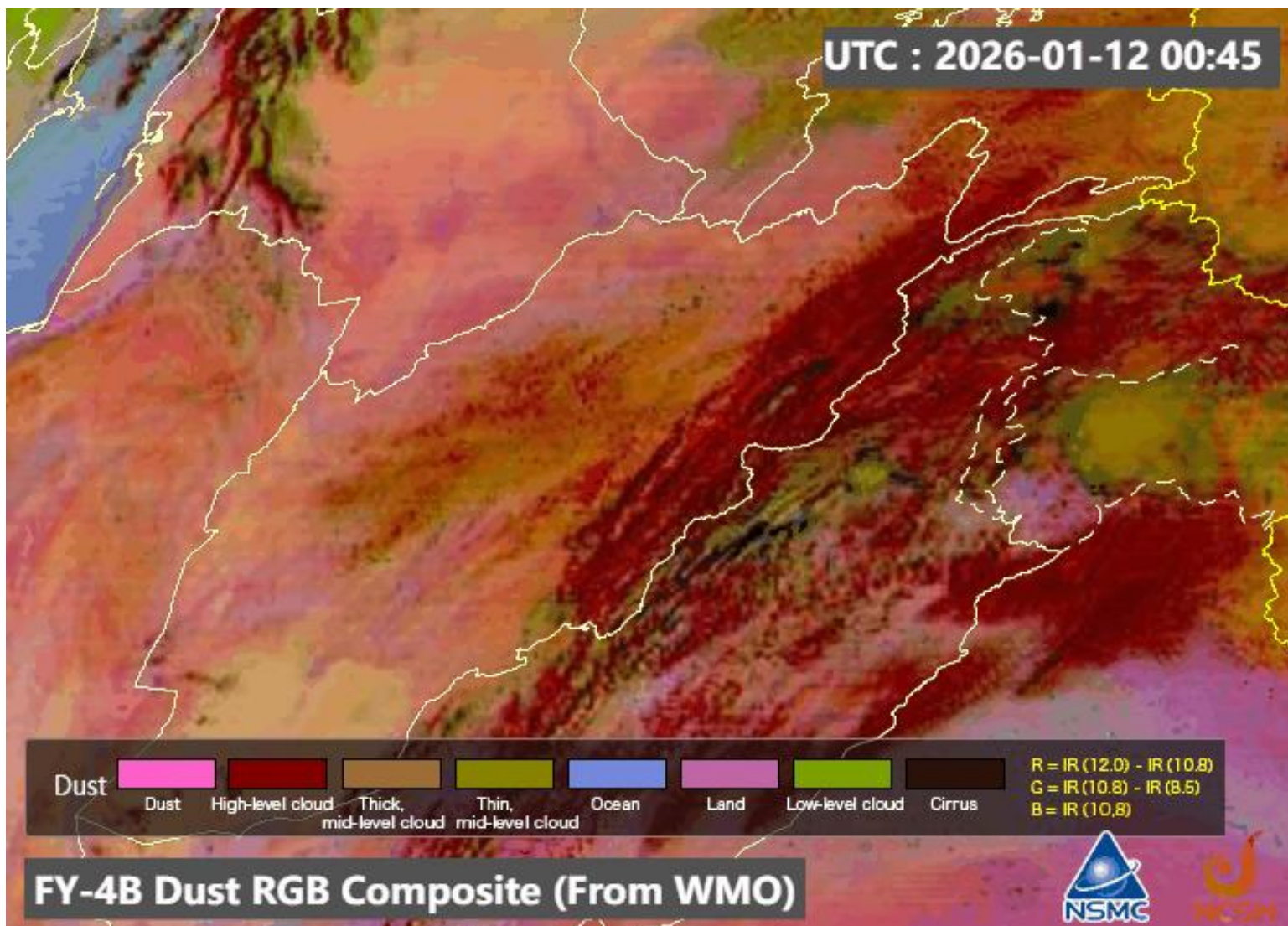
Warm Airmass  
(low UTH)

R = WV (6.25) - WV (7.1)  
G = IR (8.5) - IR (10.8)  
B = WV (6.25)

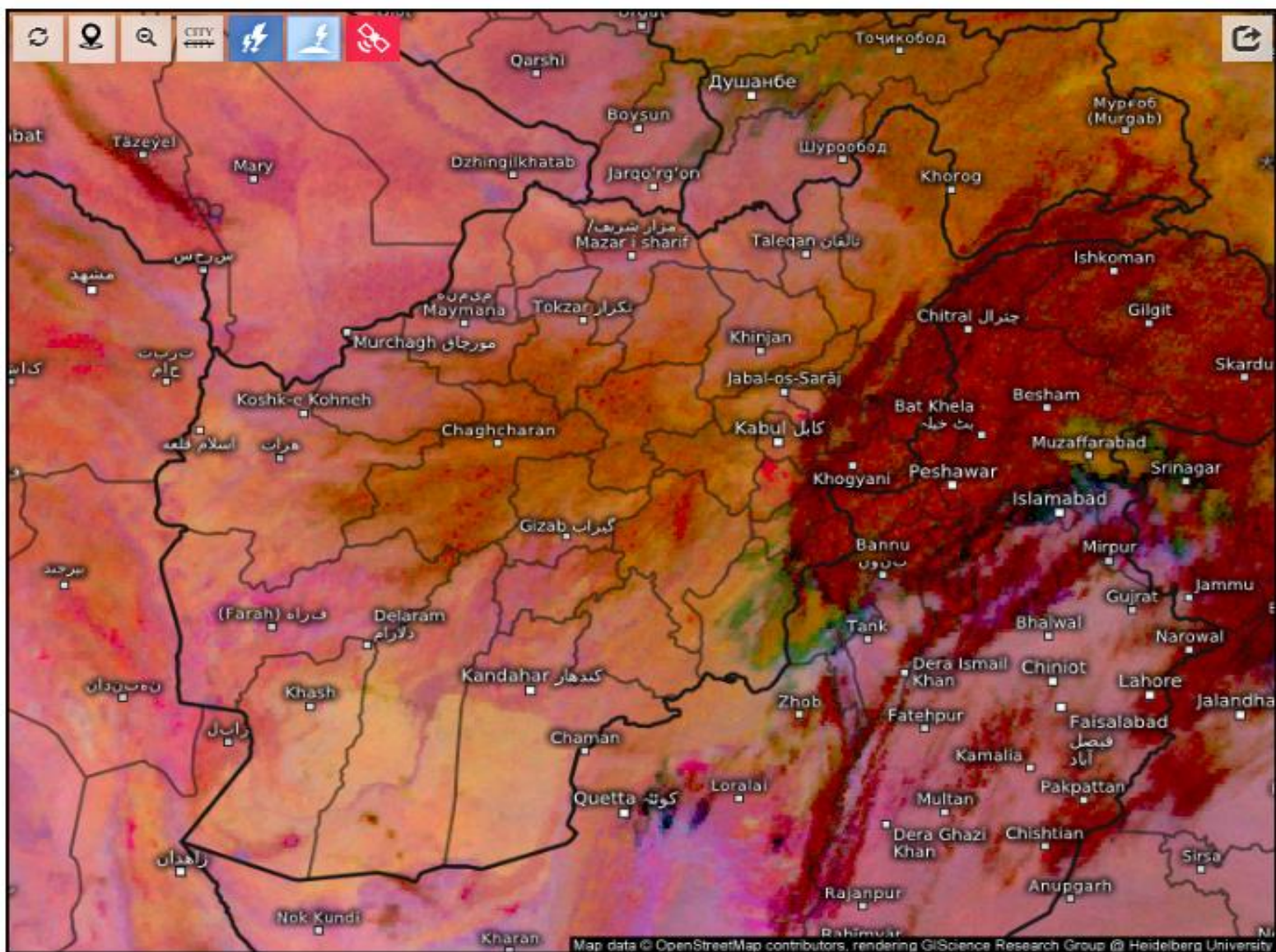
**FY-4B AirMass RGB Composite (From WMO)**



UTC : 2026-01-12 00:45

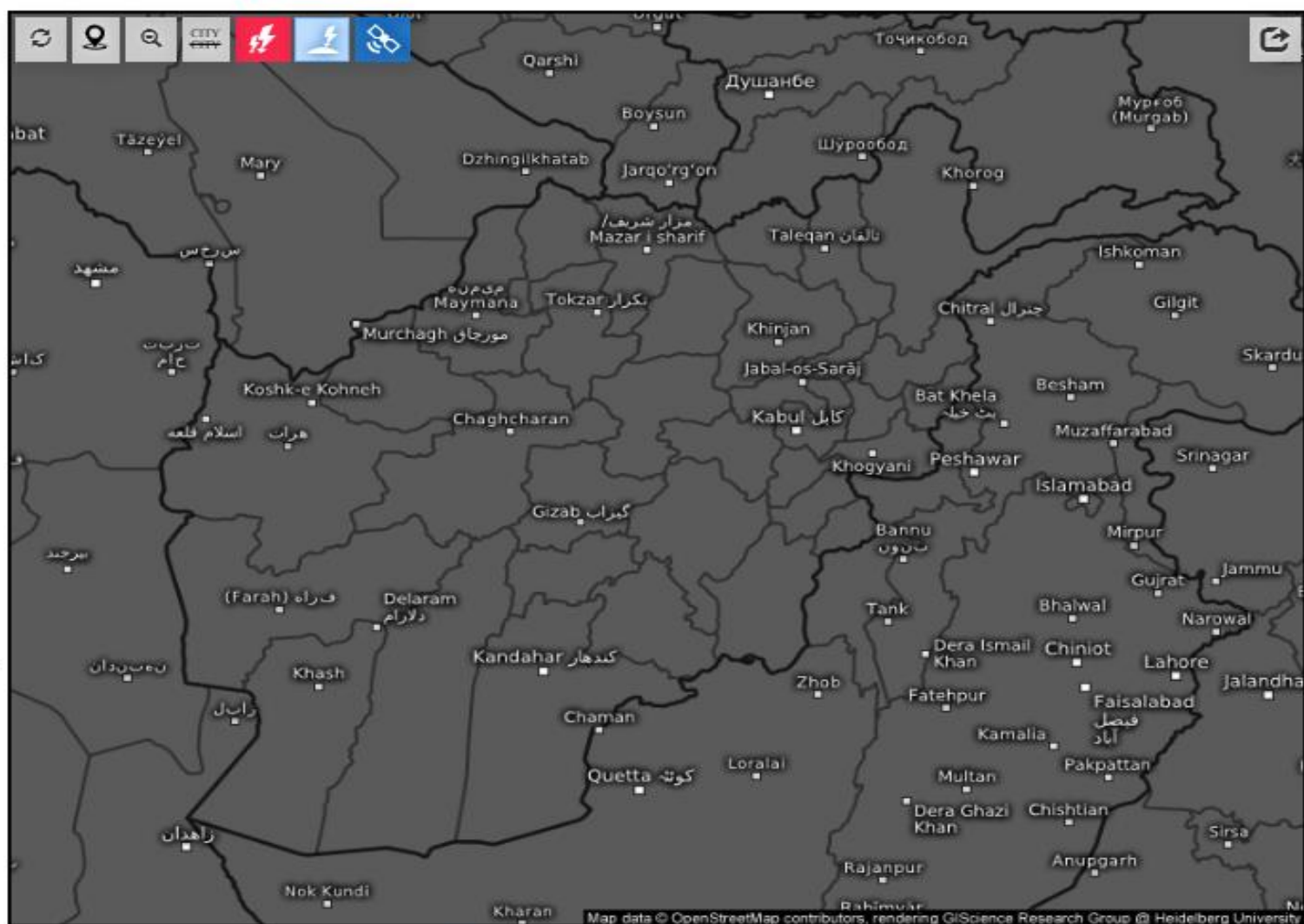






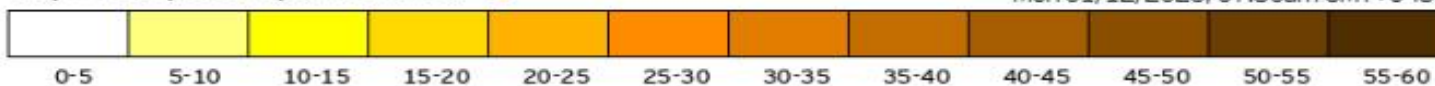
Satellite Dust 

Mon 01/12/2026, 07:30am GMT+0430



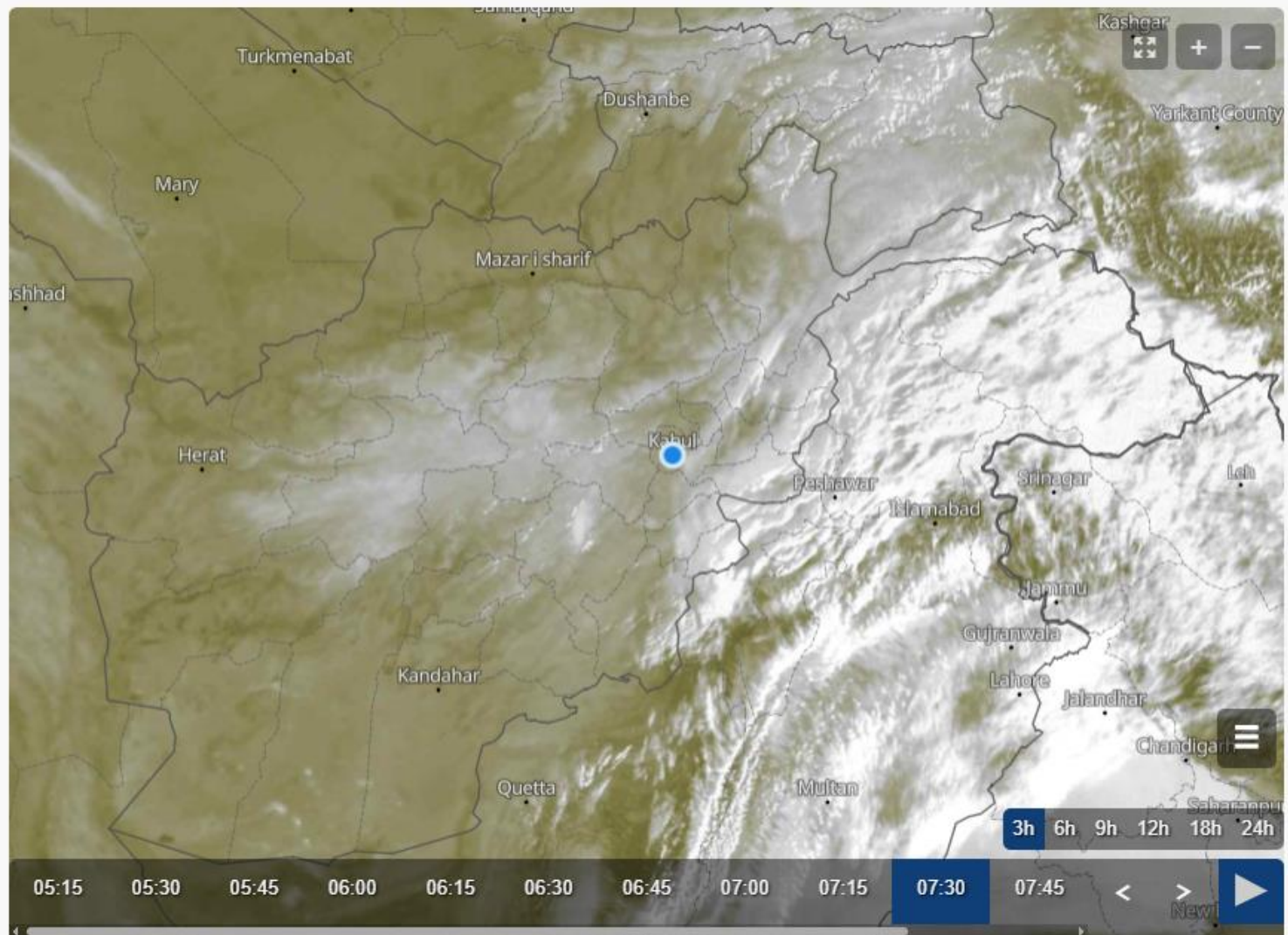
Age of lightning (minutes) 

Mon 01/12/2026, 07:30am GMT+0430



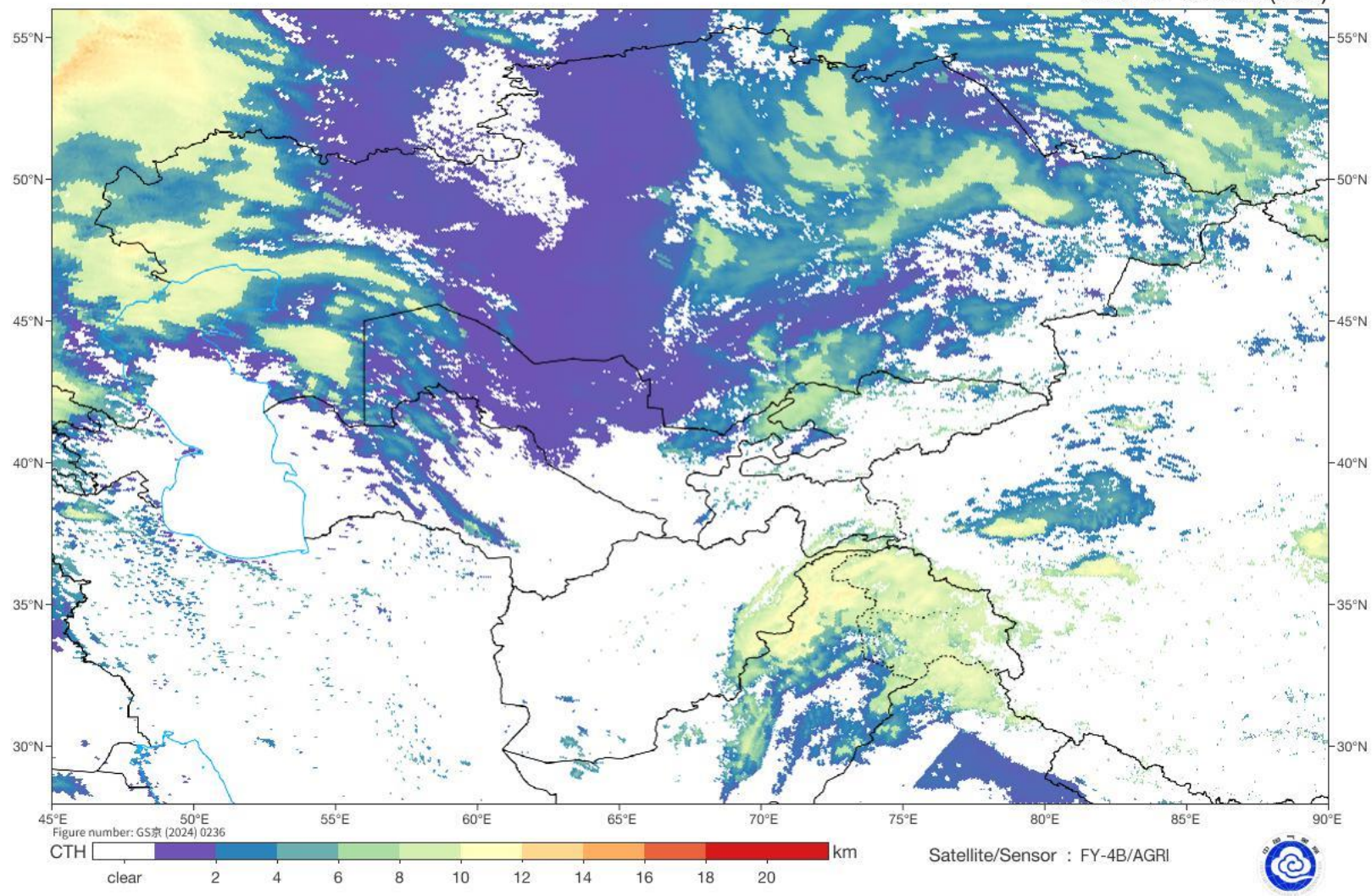


## Live satellite map, Afghanistan



# Cloud Top Height

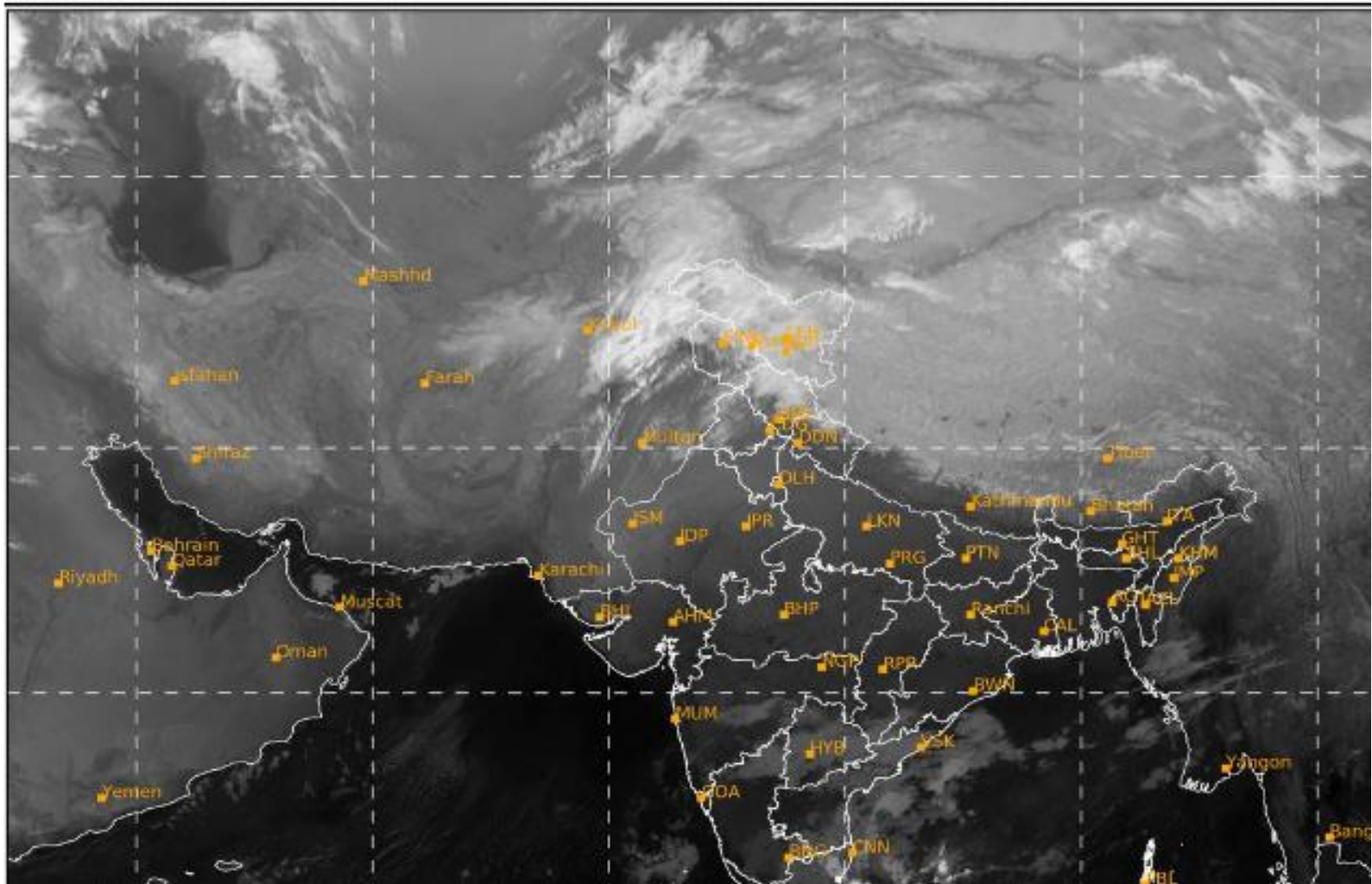
2026-01-12 03:00(UTC)





12-01-2026/(0245 to 0311) GMT

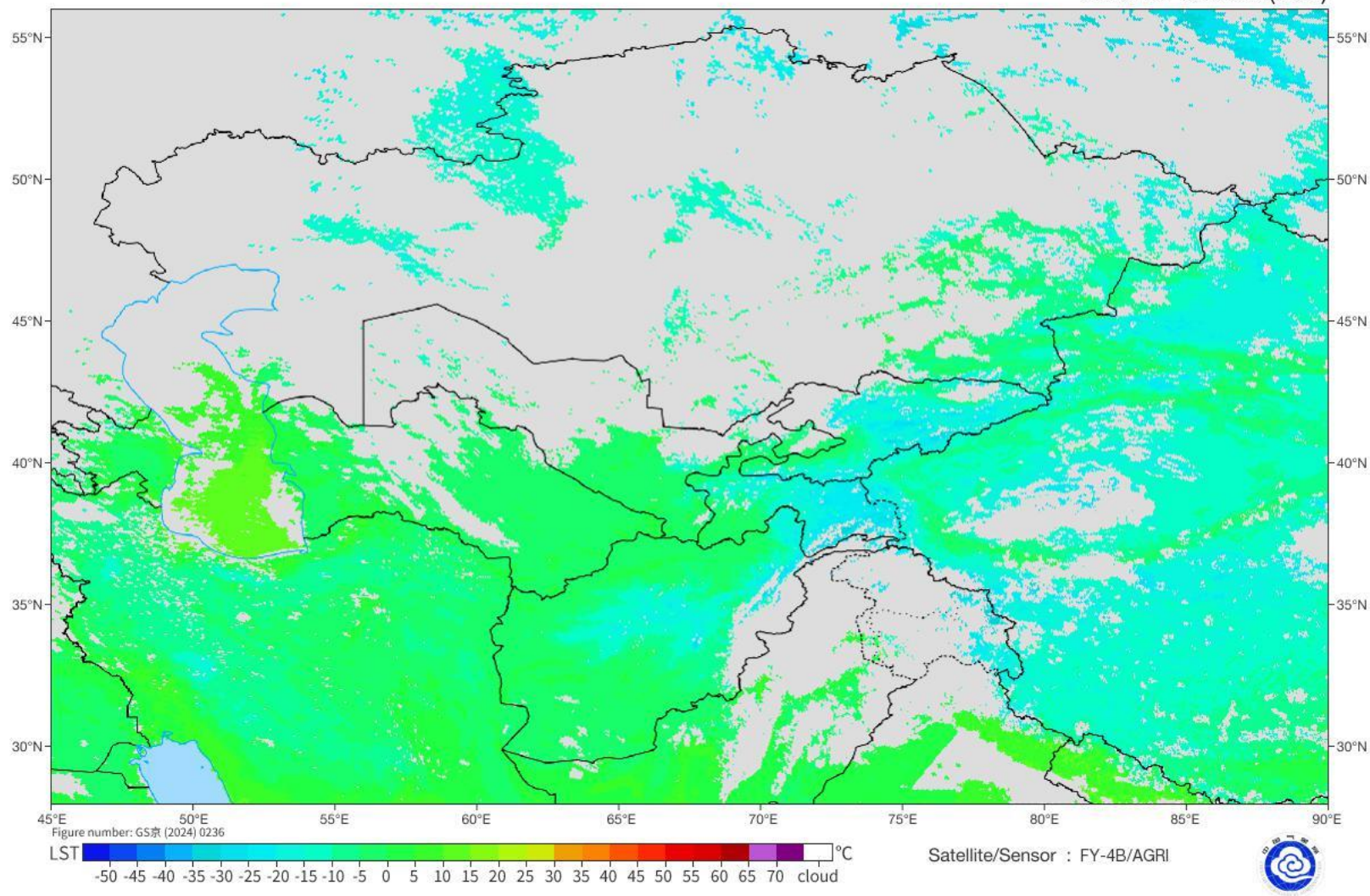
12-01-2026/(0815 to 0841) IST





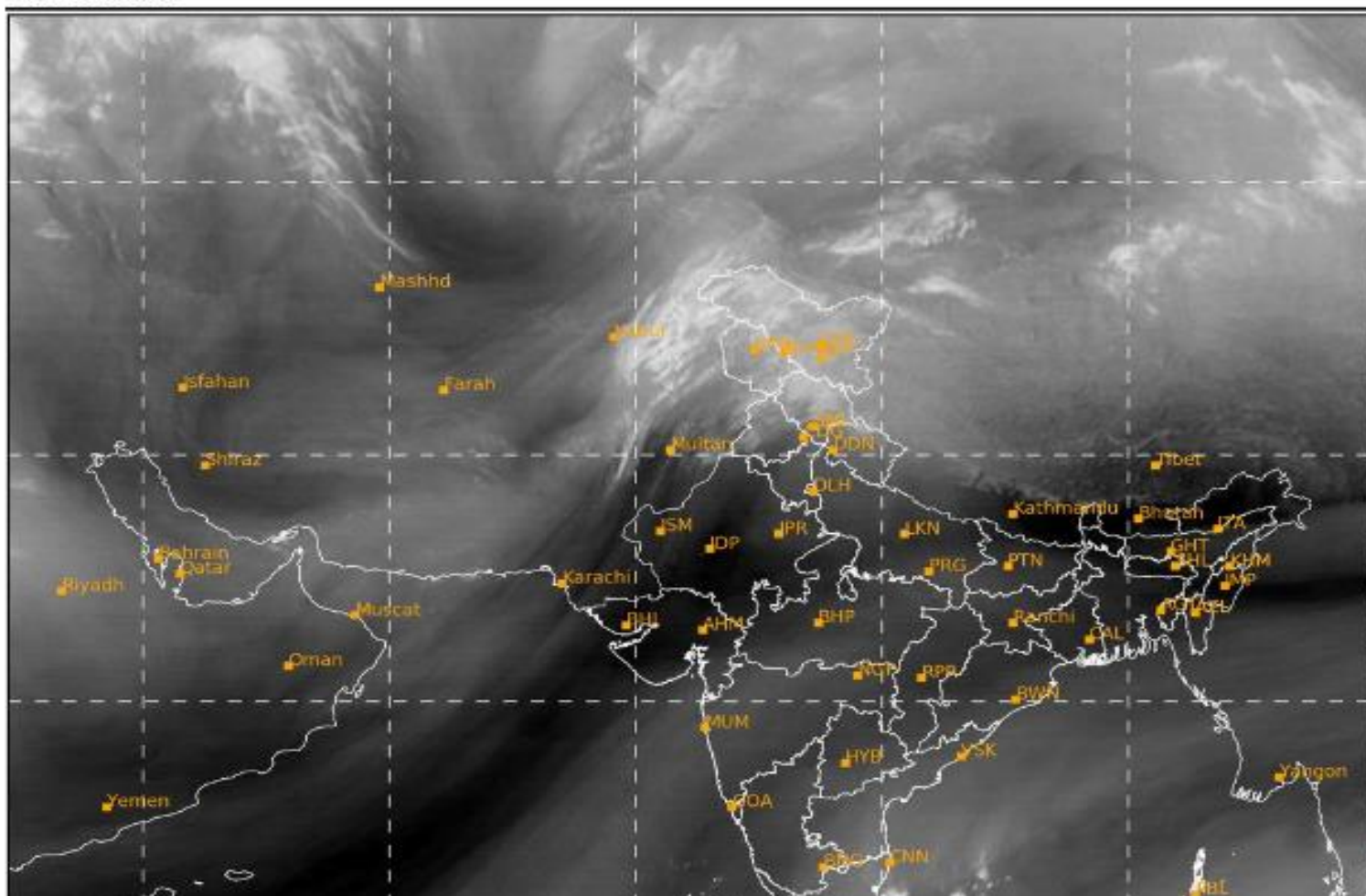
# Land Surface Temperature

2026-01-12 03:00(UTC)

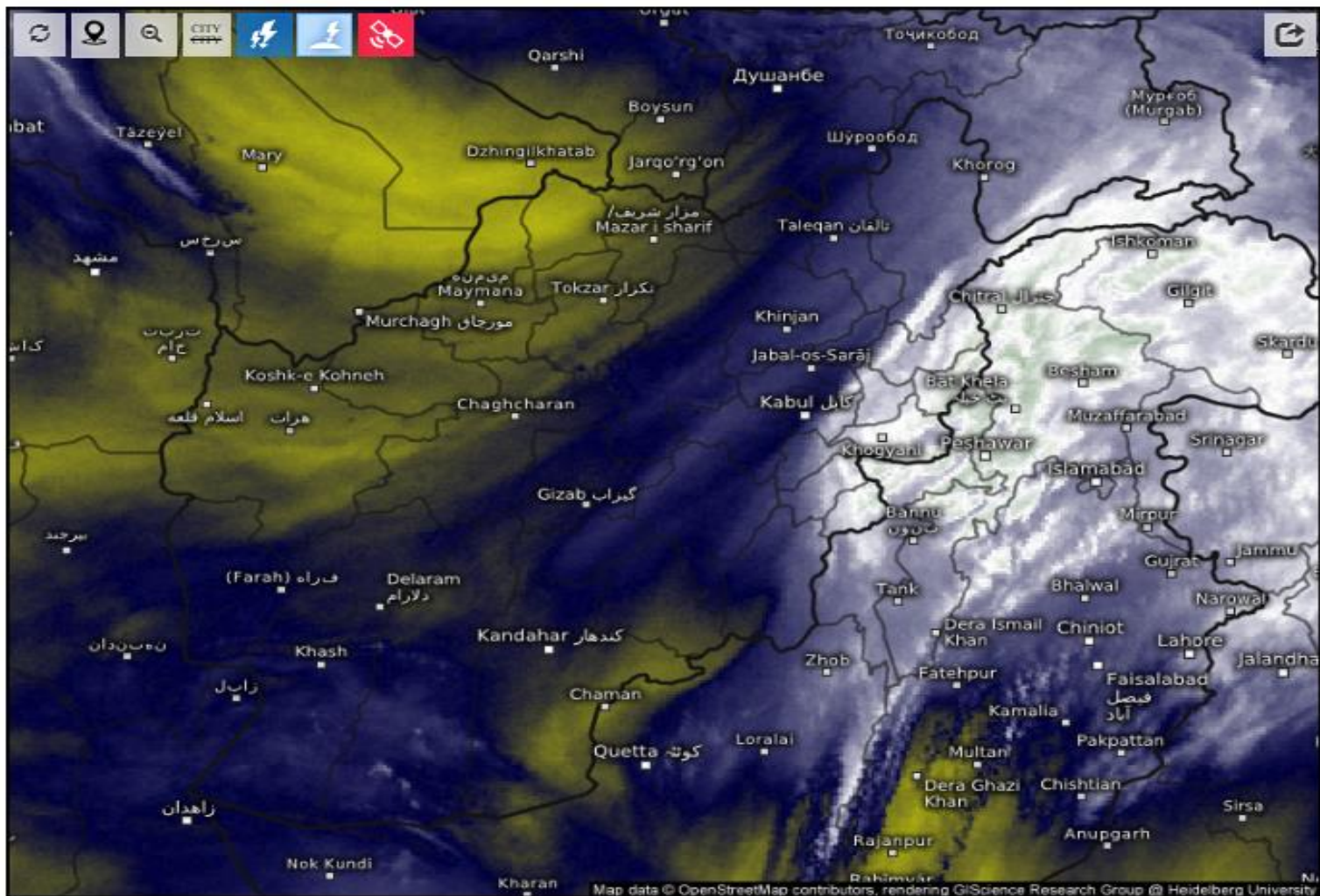


SAT : INSAT-3DR IMG  
IMG WV 6.8 um  
LIC Mercator

12-01-2026/(0245 to 0311) GMT  
12-01-2026/(0815 to 0841) IST







## Satellite Water Vapor

Mon 01/12/2026, 07:30am GMT+0430

