



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



Daily reports of Satellite imagery analysis. Date & Time: 12/04/2026, 03:00 UTC

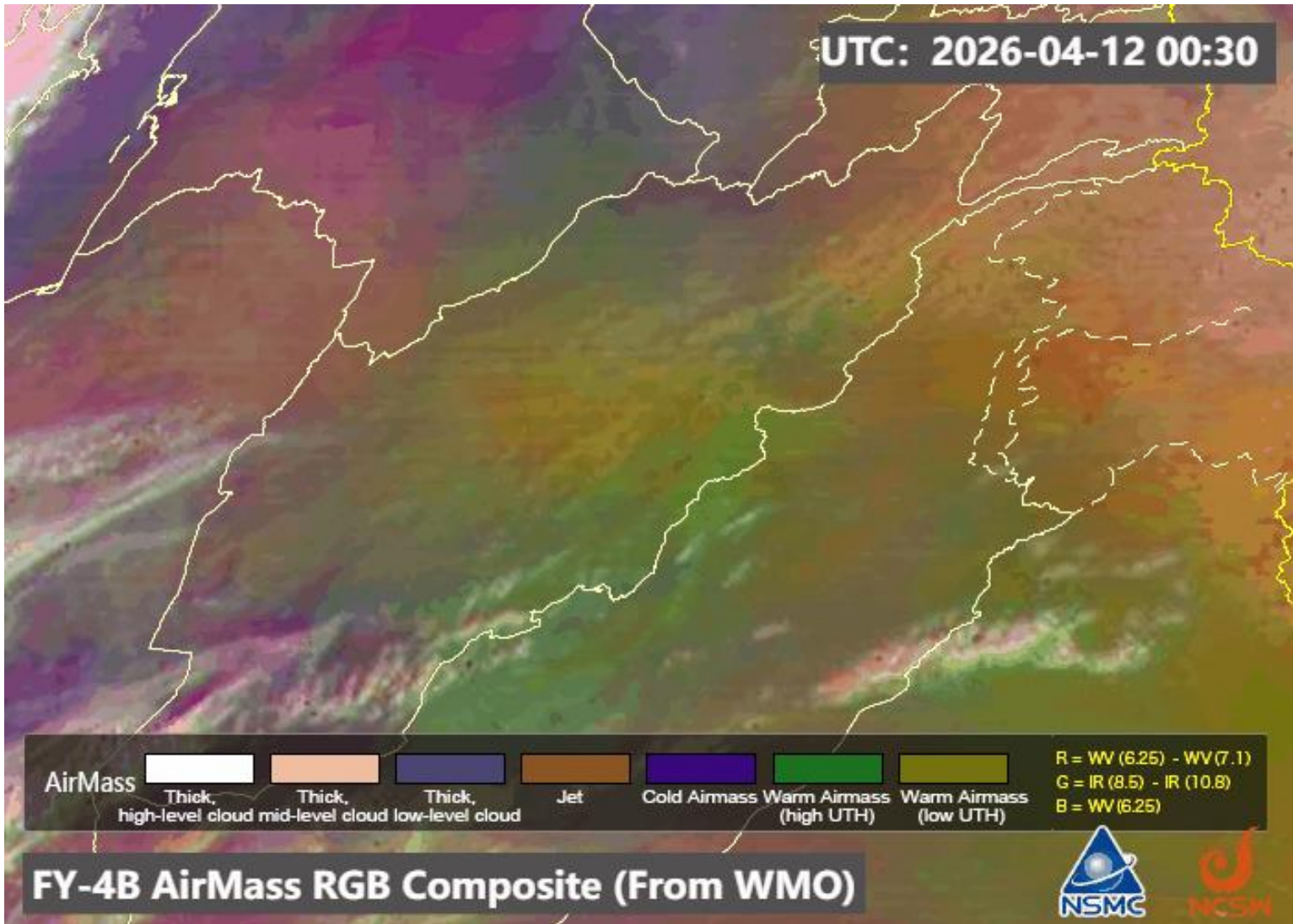
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓ Moderate	X	X	
2	South	✓	X	X	X	X	✓ Moderate	X	X	
3	West	✓	✓	X	✓	X	✓ Moderate	X	X	
4	East	✓	X	X	X	X	✓ Moderate	X	X	
5	central	✓	X	X	X	X	✓ Moderate	X	X	
6	Northeast	✓	X	X	X	X	✓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

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

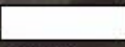
**Note:** X (Not existing phenomena), v (exist phenomena)

- Reported by: Sayed Taher Atlas

UTC: 2026-04-12 00:30



AirMass



Thick,  
high-level cloud



Thick,  
mid-level cloud



Thick,  
low-level cloud



Jet



Cold Airmass



Warm Airmass  
(high UTH)



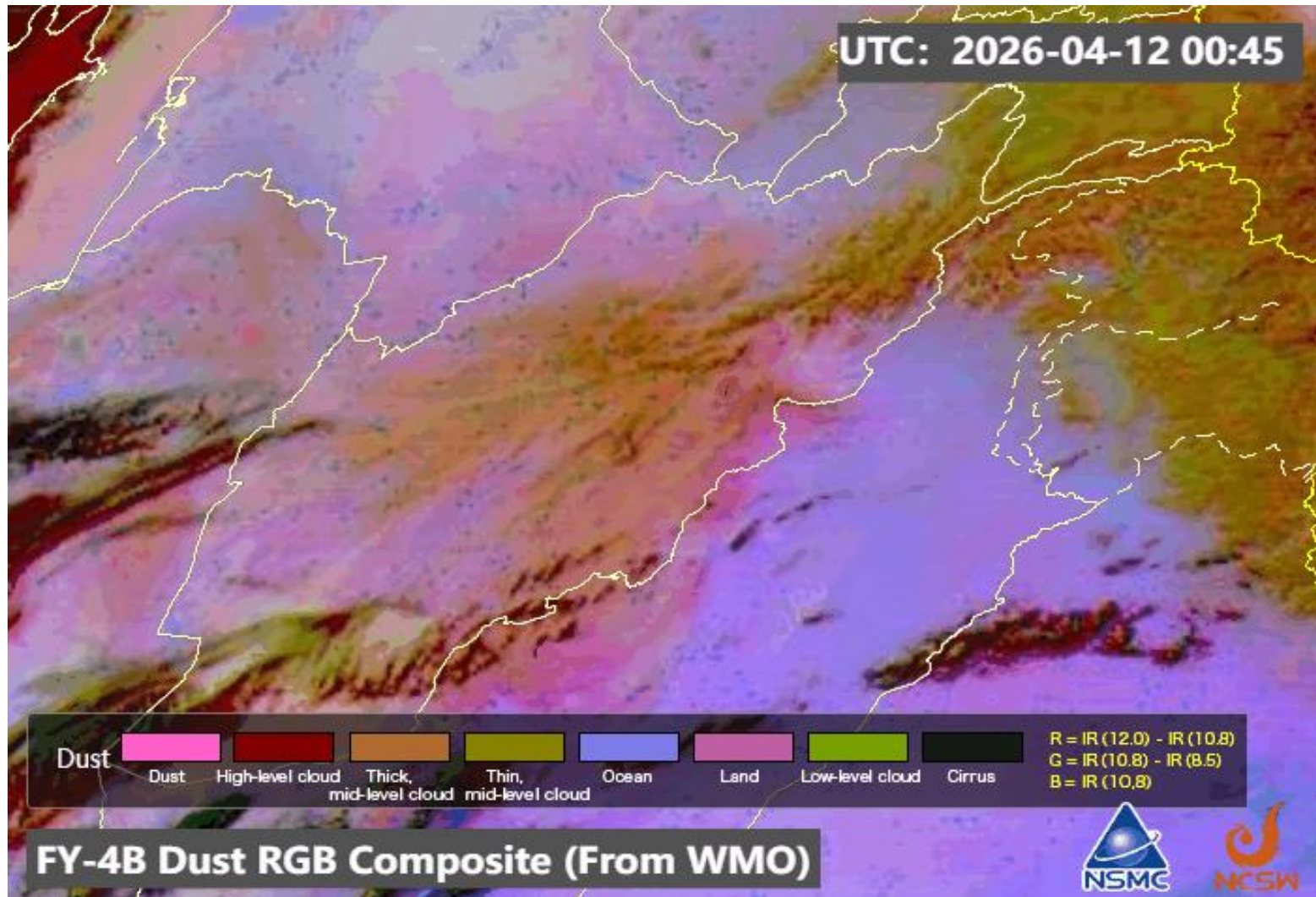
Warm Airmass  
(low UTH)

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)**



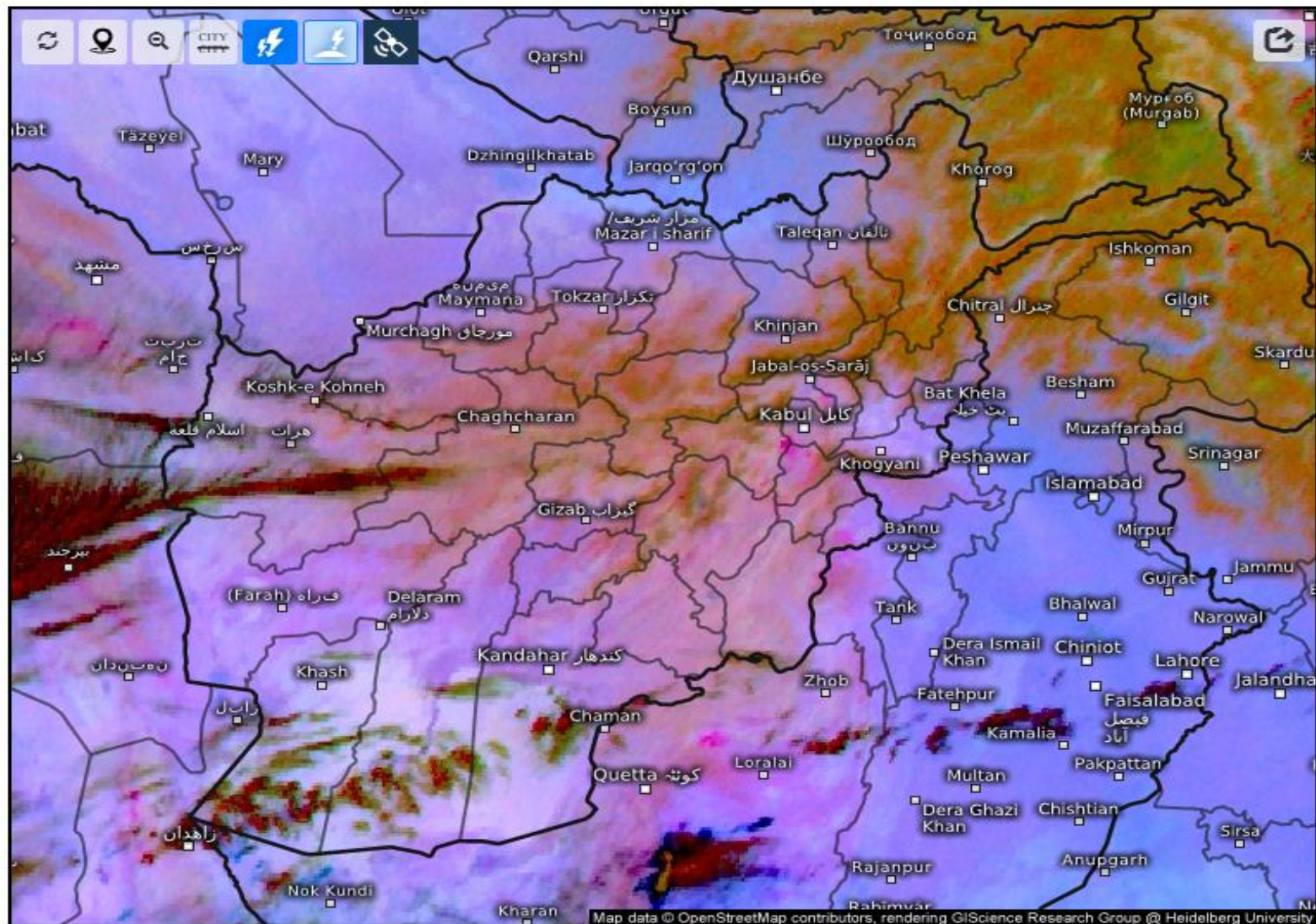
UTC: 2026-04-12 00:45



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

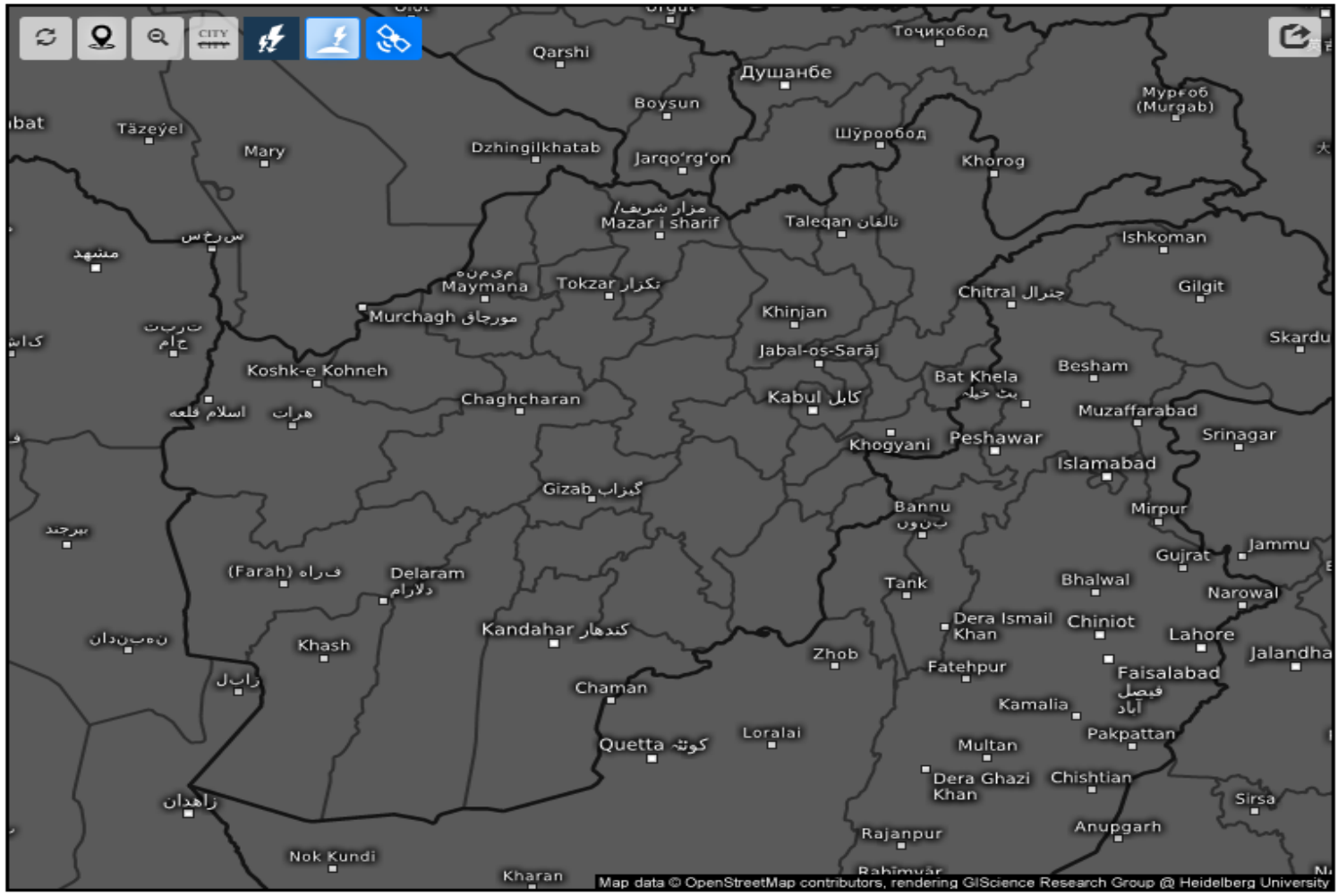






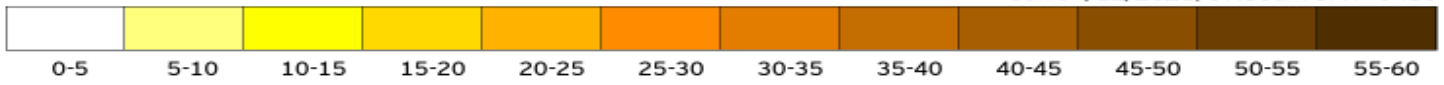
Satellite Dust 

Sun 04/12/2026, 07:30am GMT+0430



Age of lightning (minutes) i

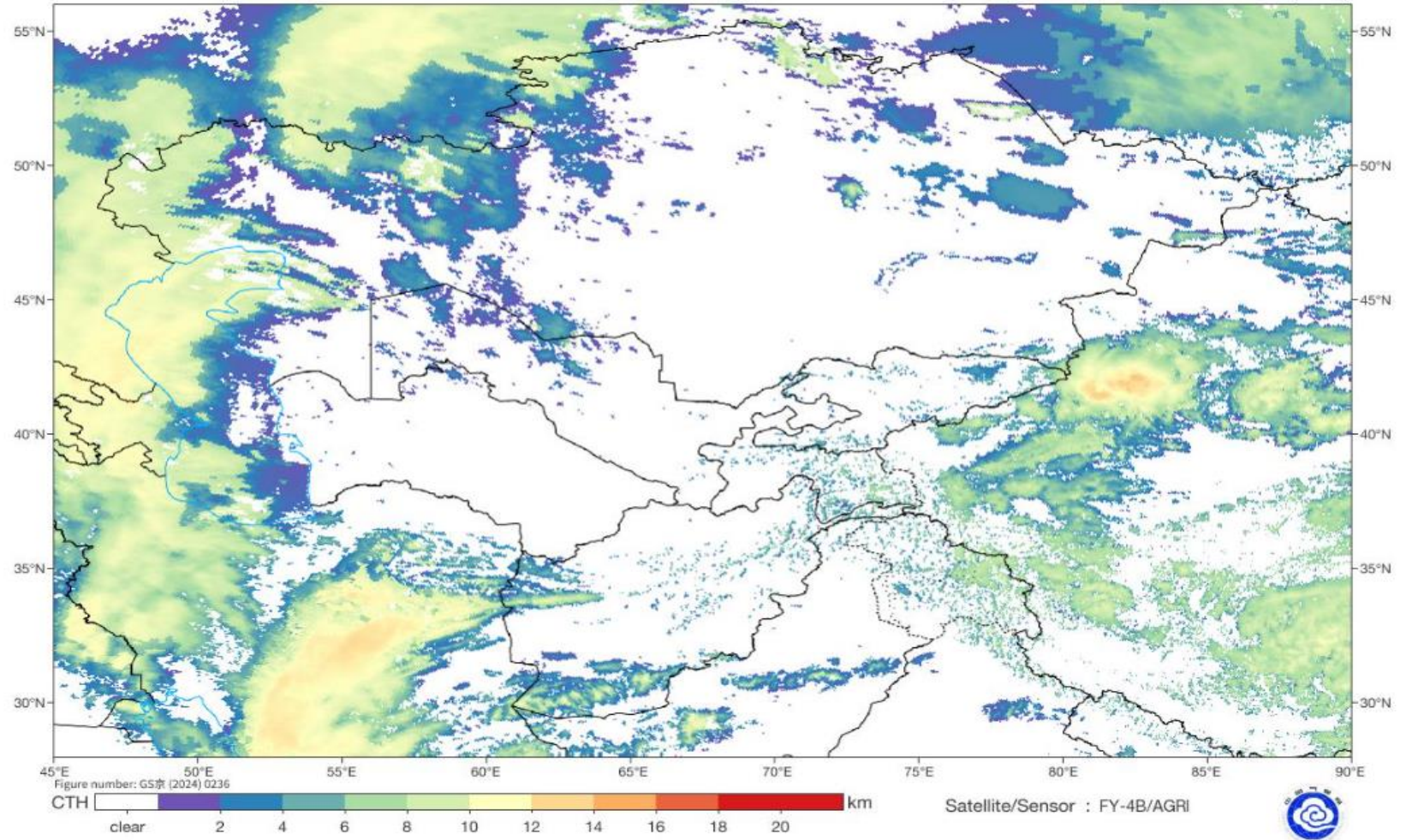
Sun 04/12/2026, 07:30am GMT+0430



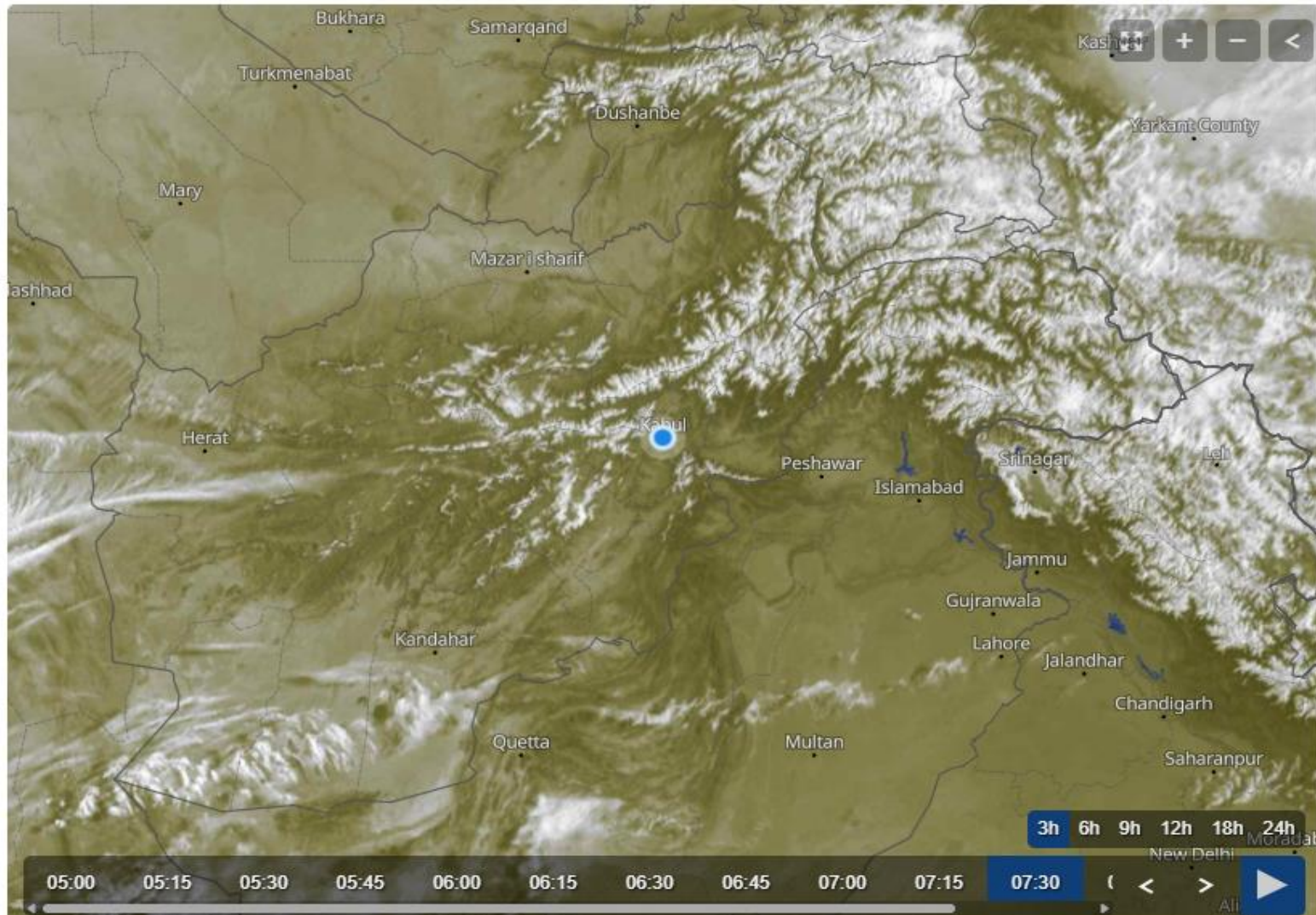


# Cloud Top Height

2026-04-12 03:00(UTC)



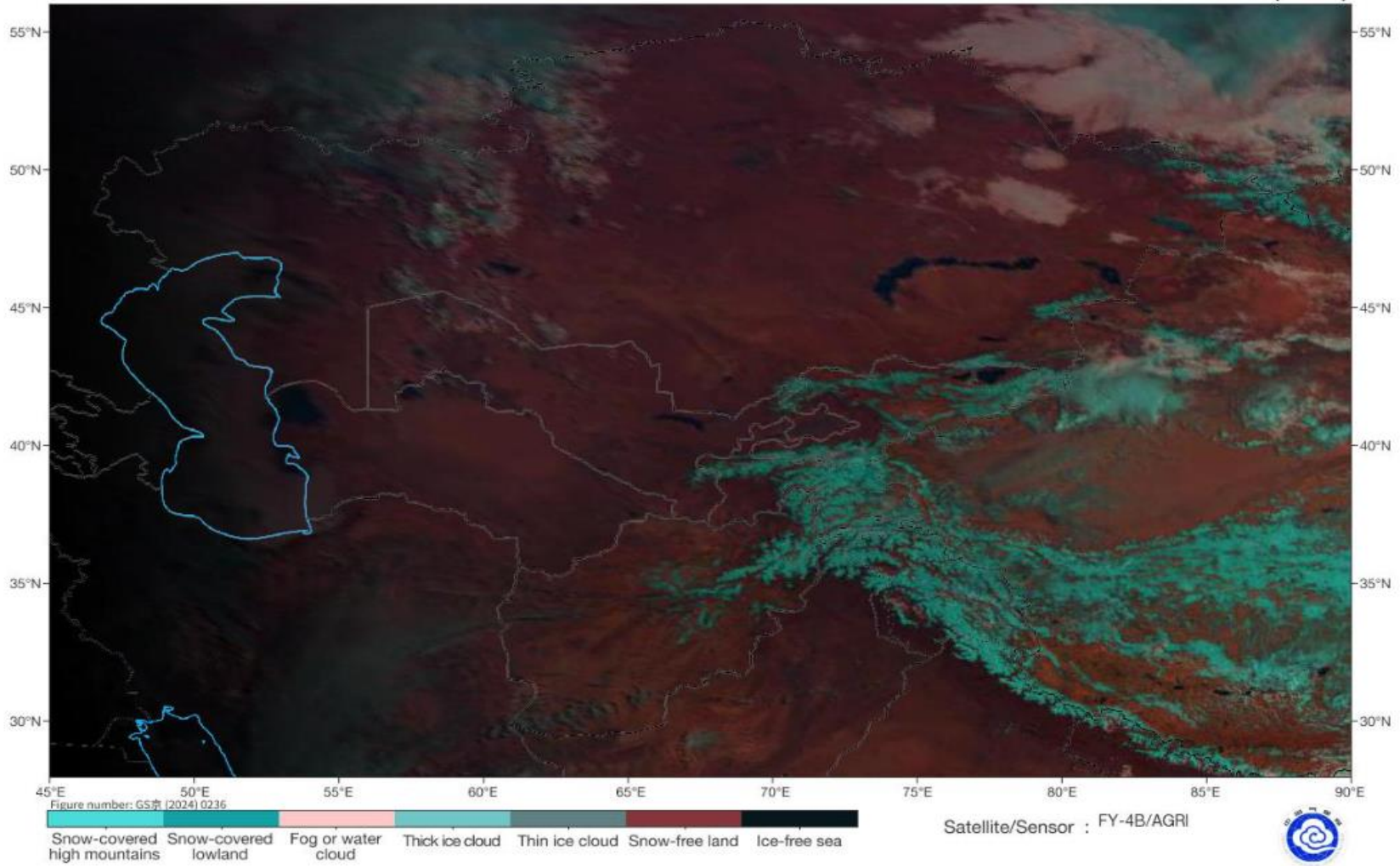
## Live satellite map, Afghanistan





# Fog Identification

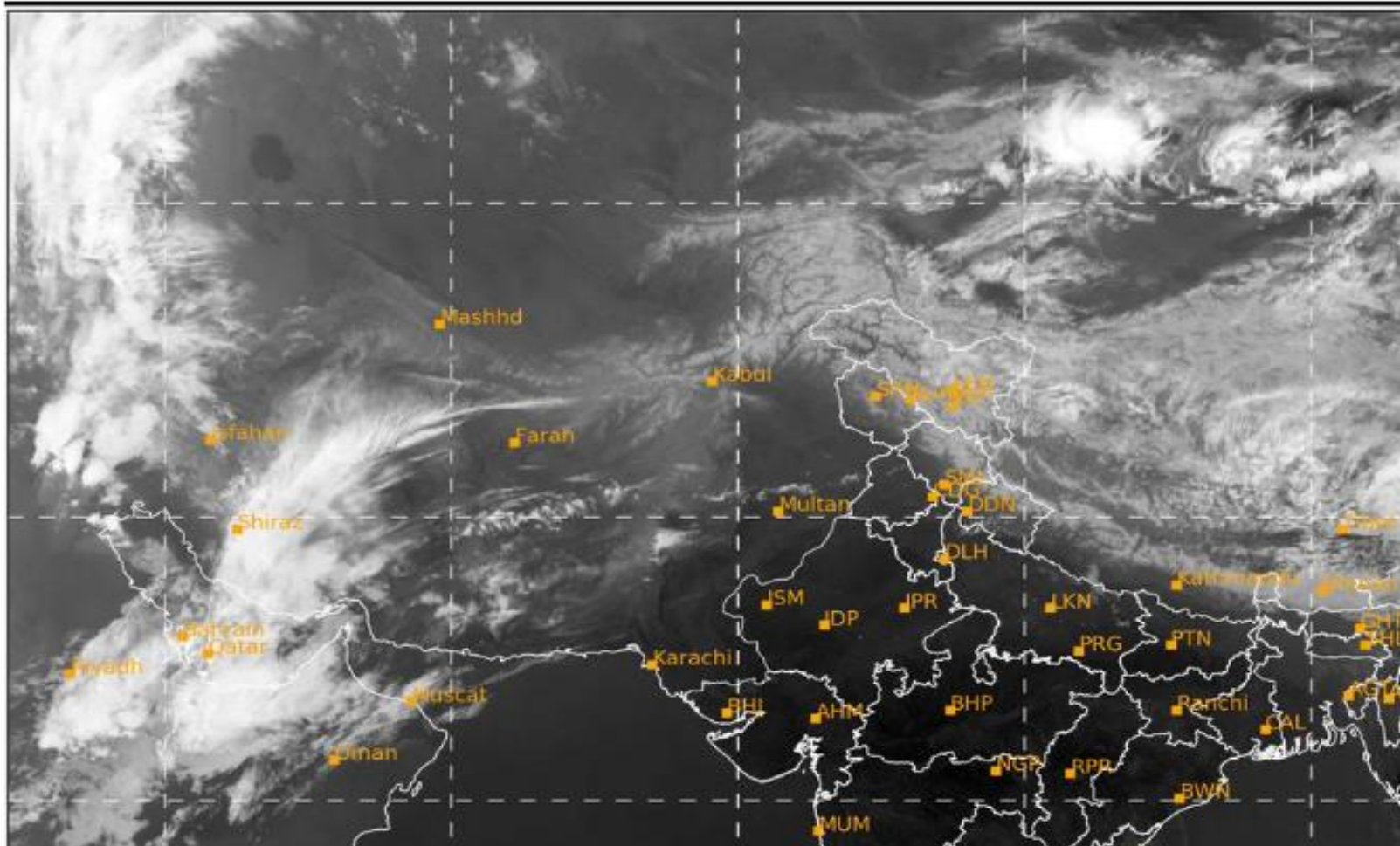
2026-04-12 03:00(UTC)

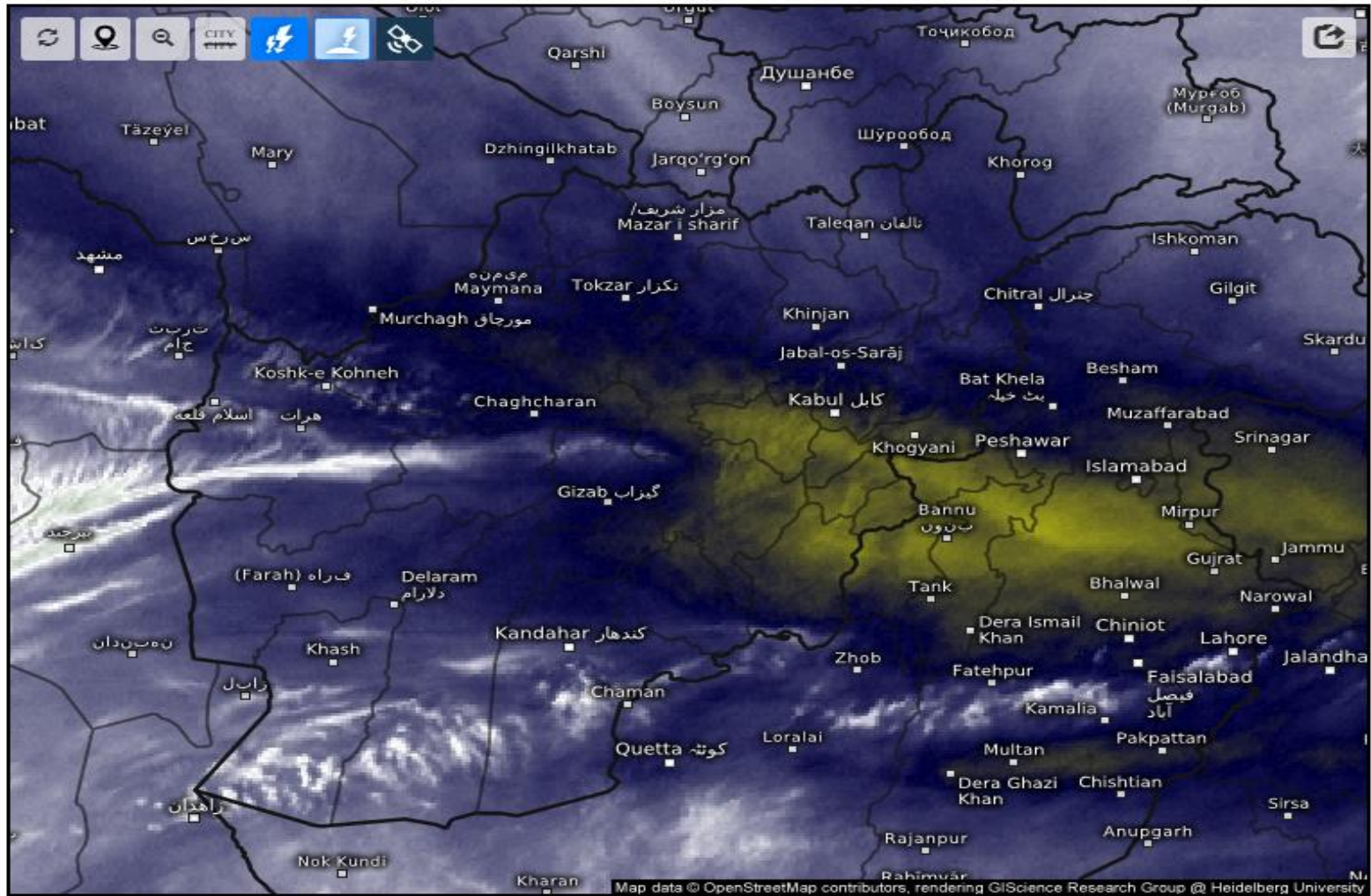




SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
LIC Mercator

12-04-2026/(0245 to 0312) GMT  
12-04-2026/(0815 to 0842) IST





## Satellite Water Vapor

Sun 04/12/2026, 07:30am GMT+0430







# Land Surface Temperature

2026-04-12 03:00(UTC)

