



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



**Daily reports of Satellite imagery analysis. Date & Time: 20-04-2026, 06:00 UTC**

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

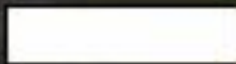
**Details:** according to satellite imagery analysis, the northern, southern, western, northeastern, northwestern, southwestern regions have cold air mass. The eastern, central, southeastern regions have warm air mass with (High UTH). The northern, southern, western, central, northeastern, northwestern, southwestern regions have cloudy sky. The northeastern regions have fog or water cloud. The western, eastern, central, northeastern, southeastern, northwestern, regions have moderate water and the northern, southern, southwestern regions have wet water vapor.

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

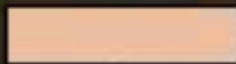
Reported by: Esmatullah Mohammadi

UTC: 2026-04-19 20:15

AirMass



Thick,  
high-level cloud



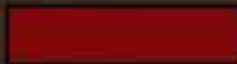
Thick,

mid-level cloud



Thick,

low-level cloud



Jet



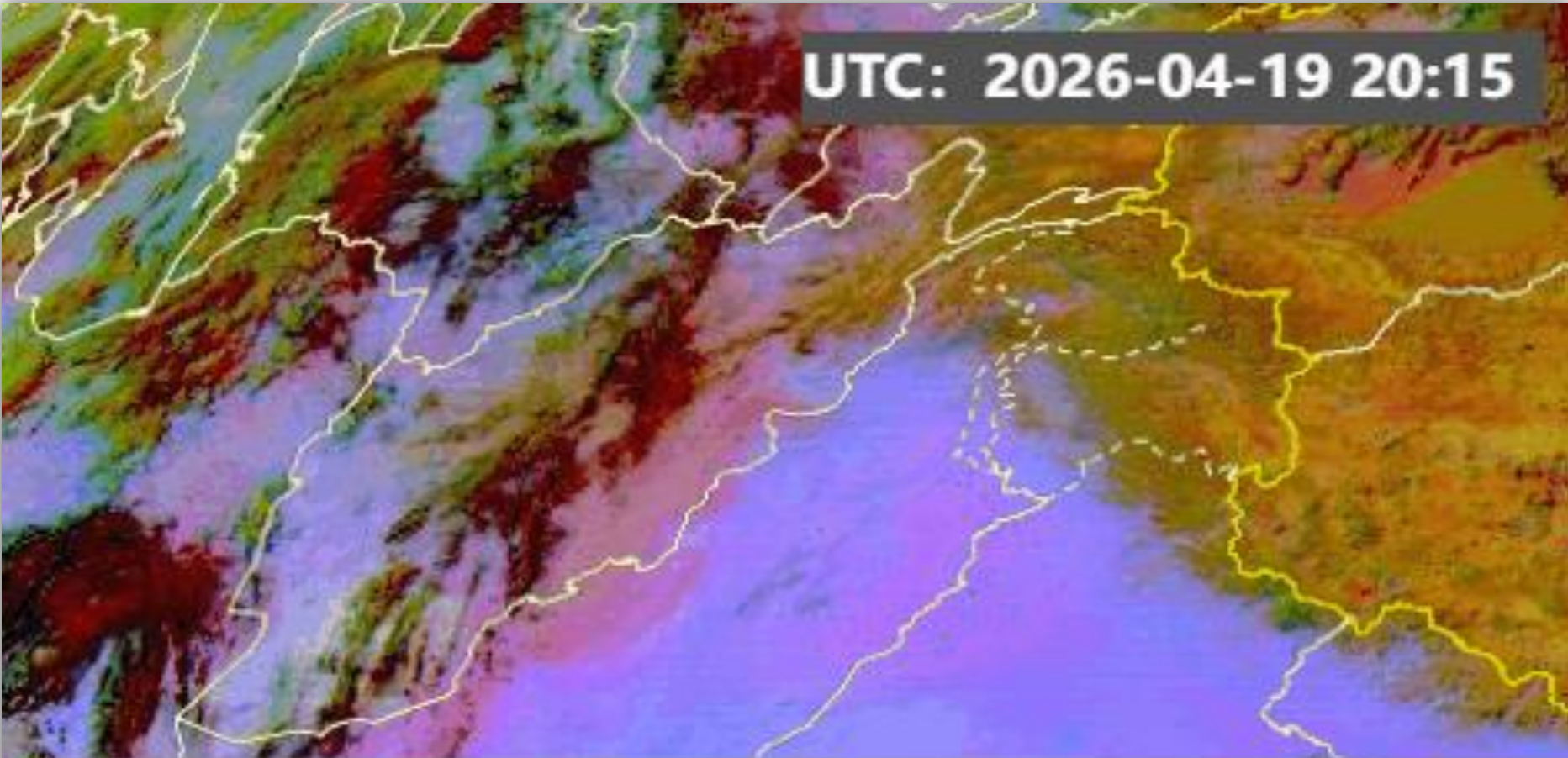
Cold Airmass



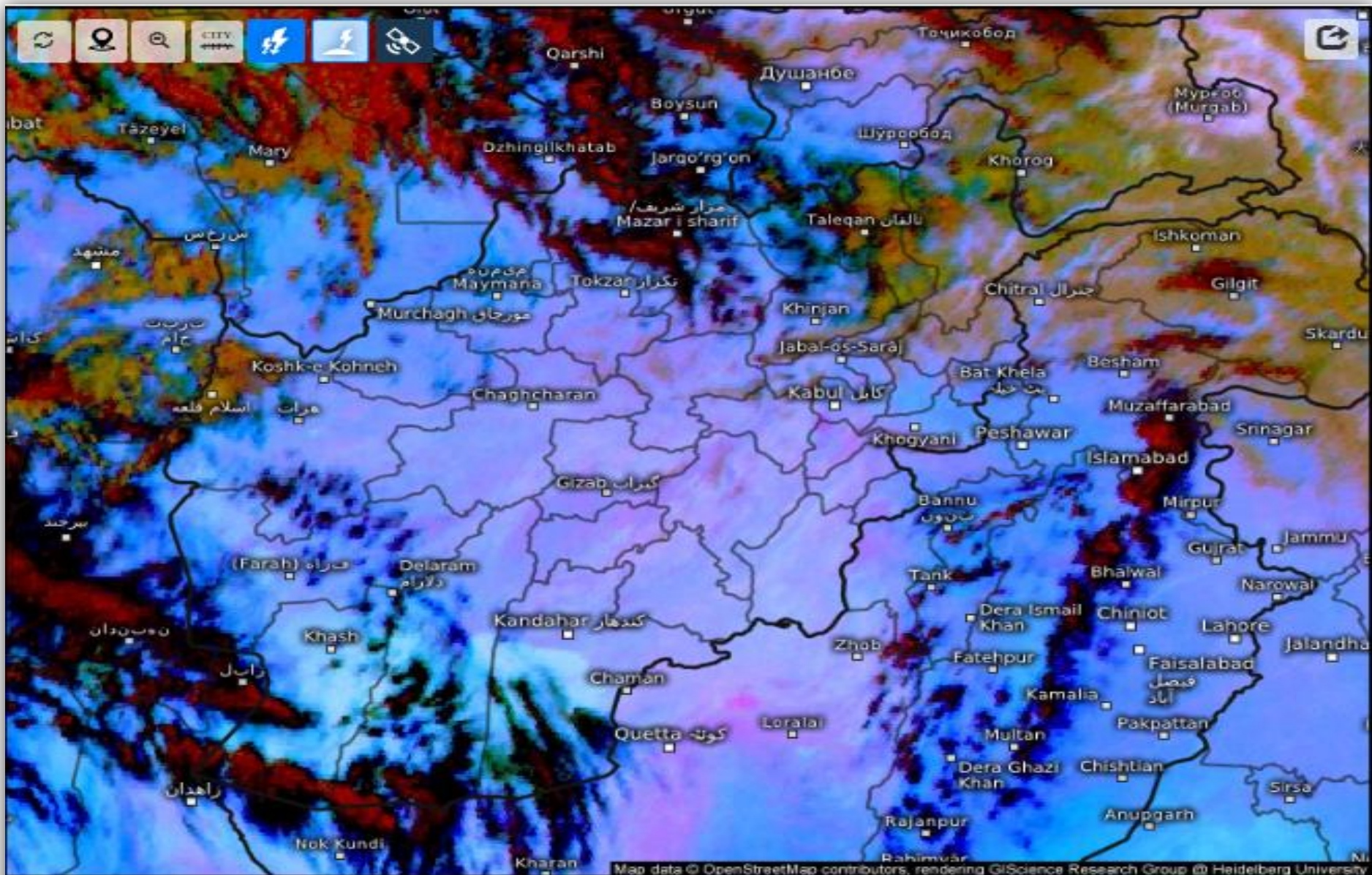
Warm Airmass  
(high UTH)

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

UTC: 2026-04-19 20:15



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

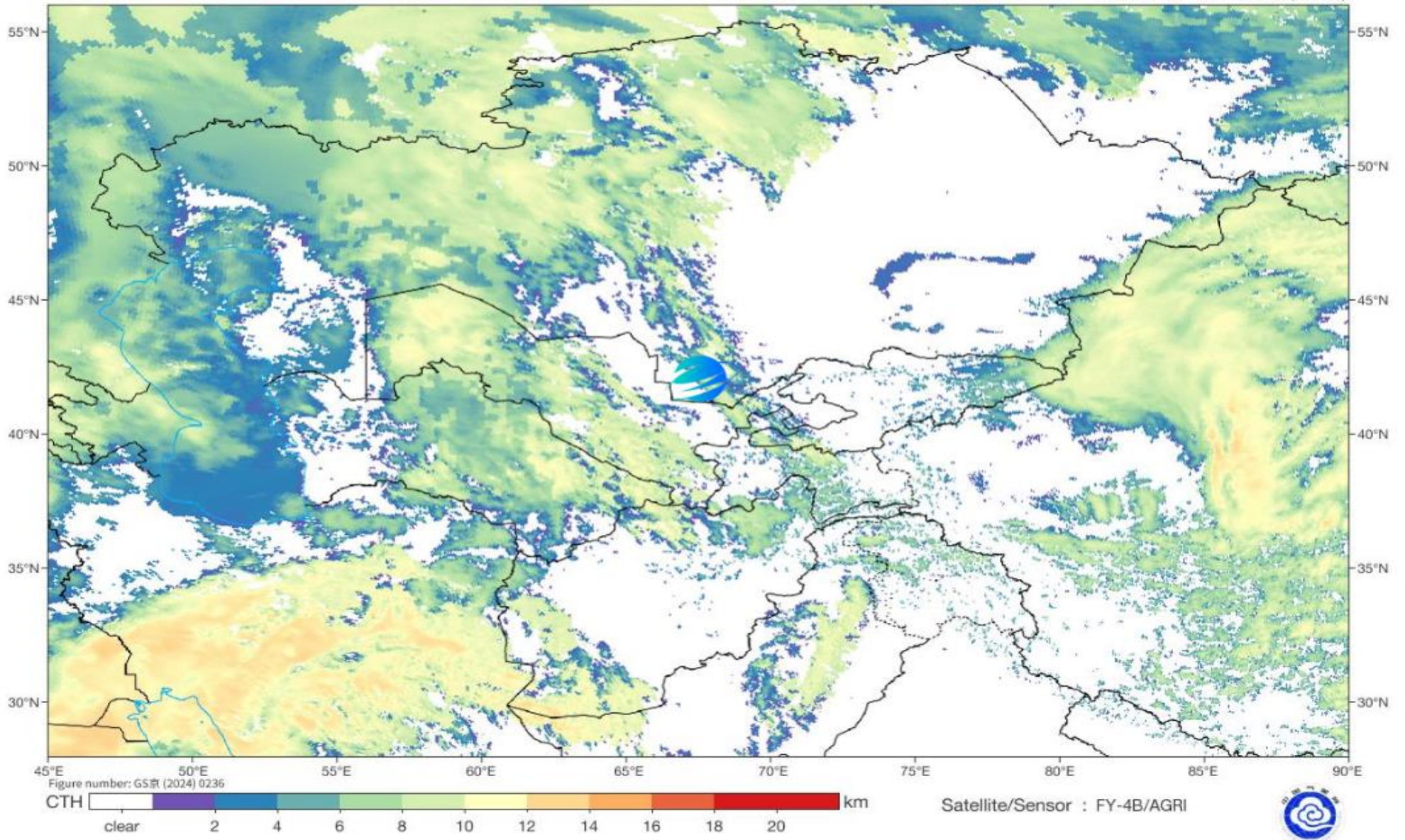


# Satellite Dust

Mon 04/20/2026, 10:00am GMT+0430

# Cloud Top Height

2026-04-20 05:15(UTC)

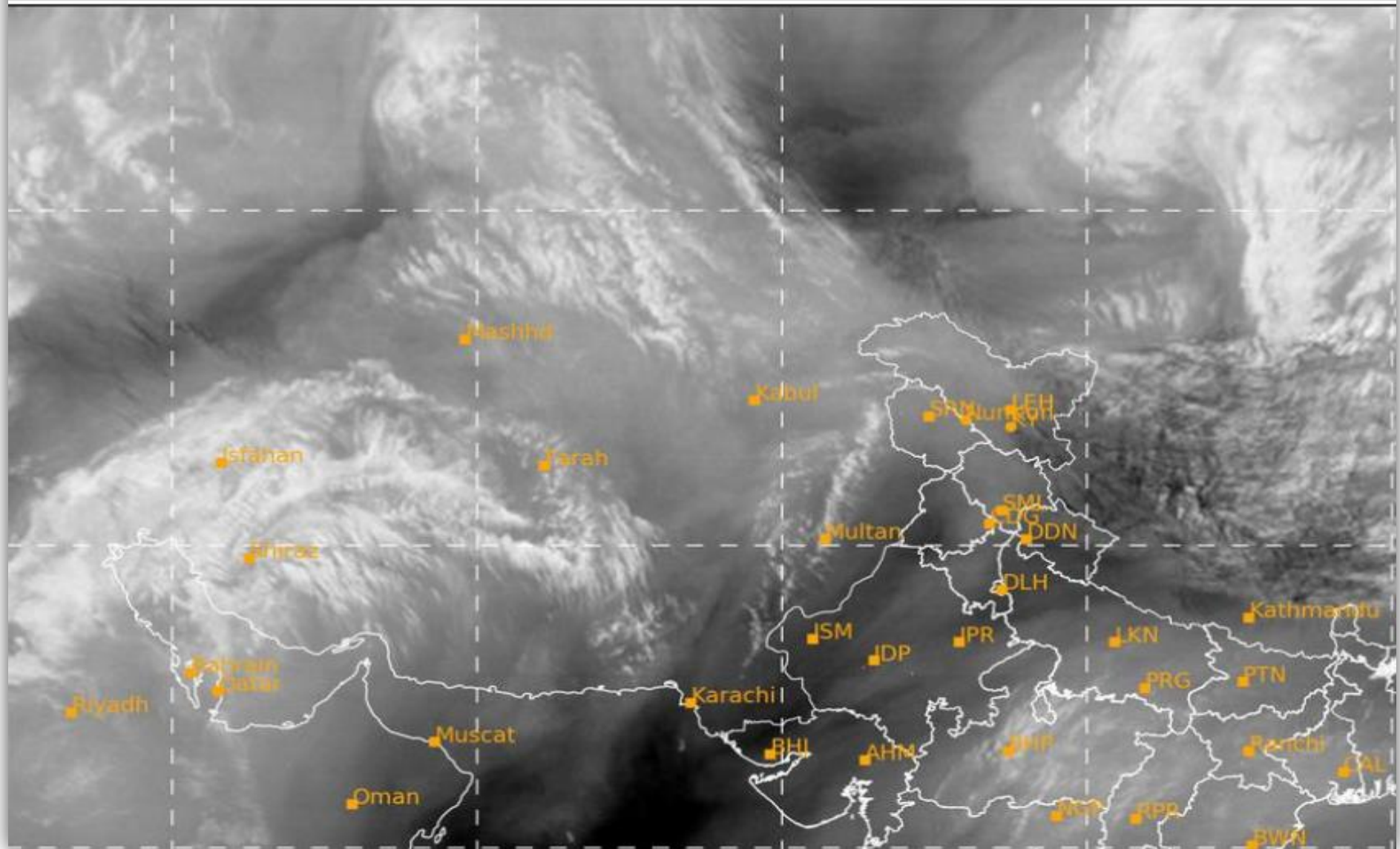


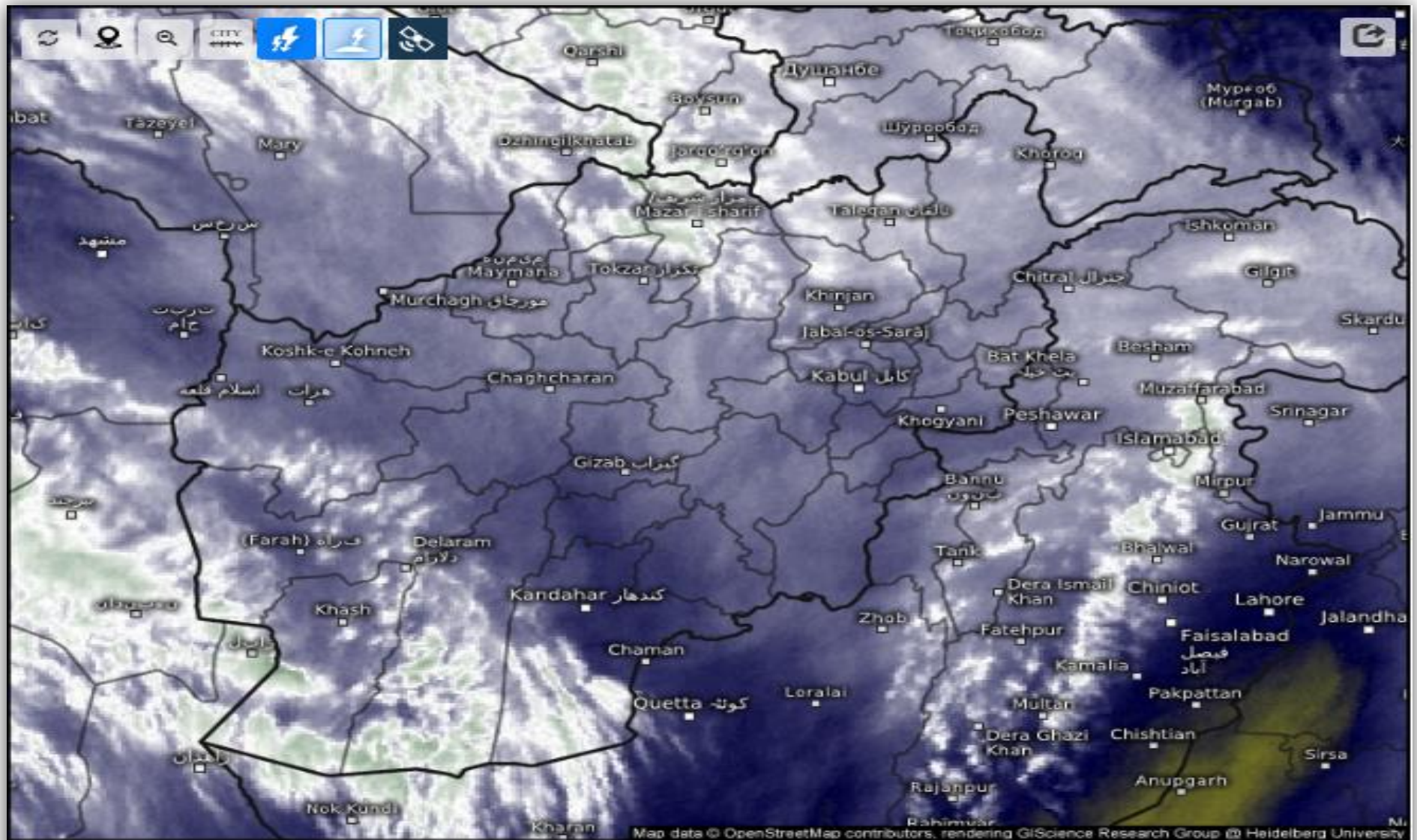
## Live satellite map, Afghanistan



SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
L1C Mercator

20-04-2026/(0445 to 0512) GMT  
20-04-2026/(1015 to 1042) IST





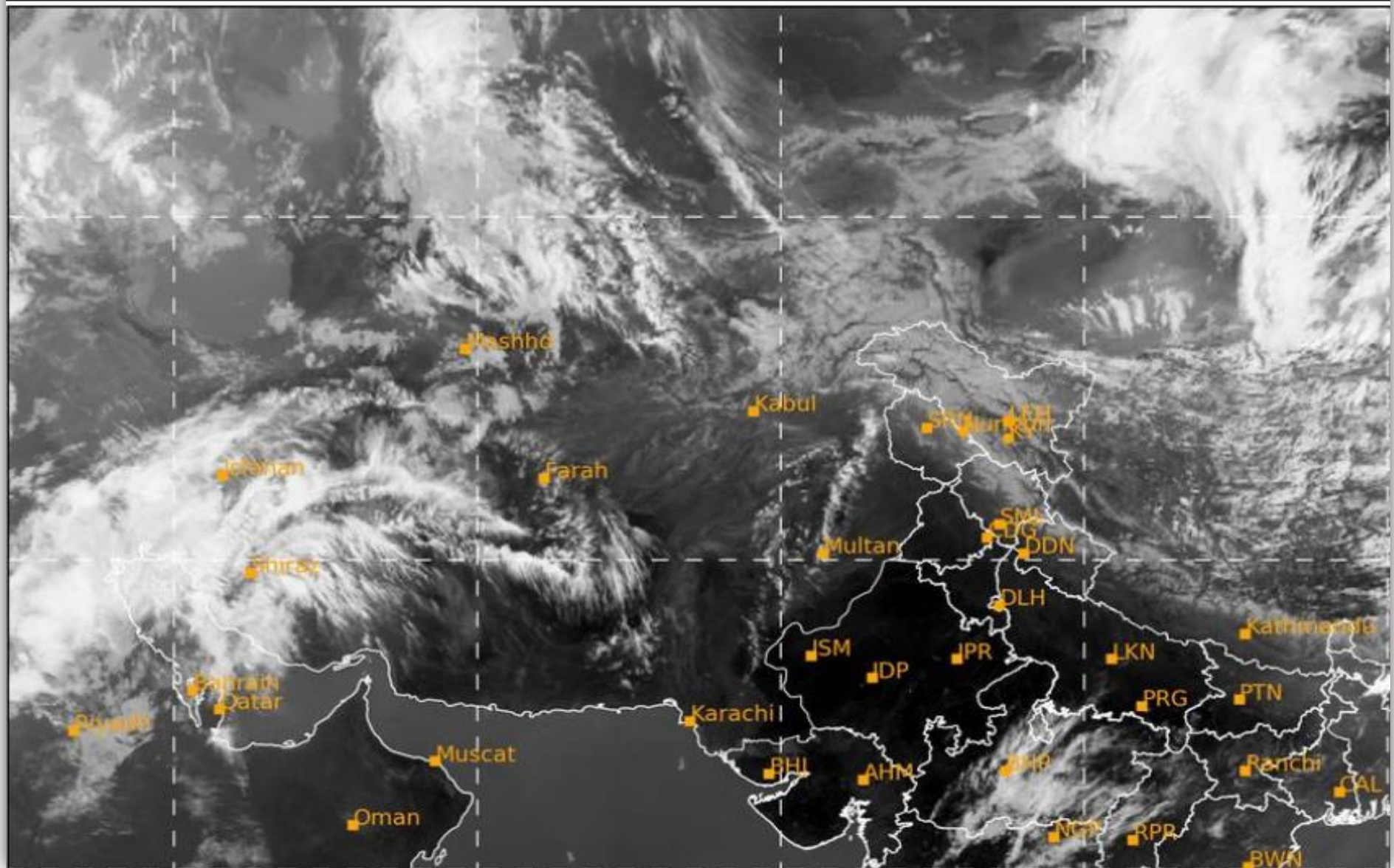
## Satellite Water Vapor

Mon 04/20/2026, 10:00am GMT+0430



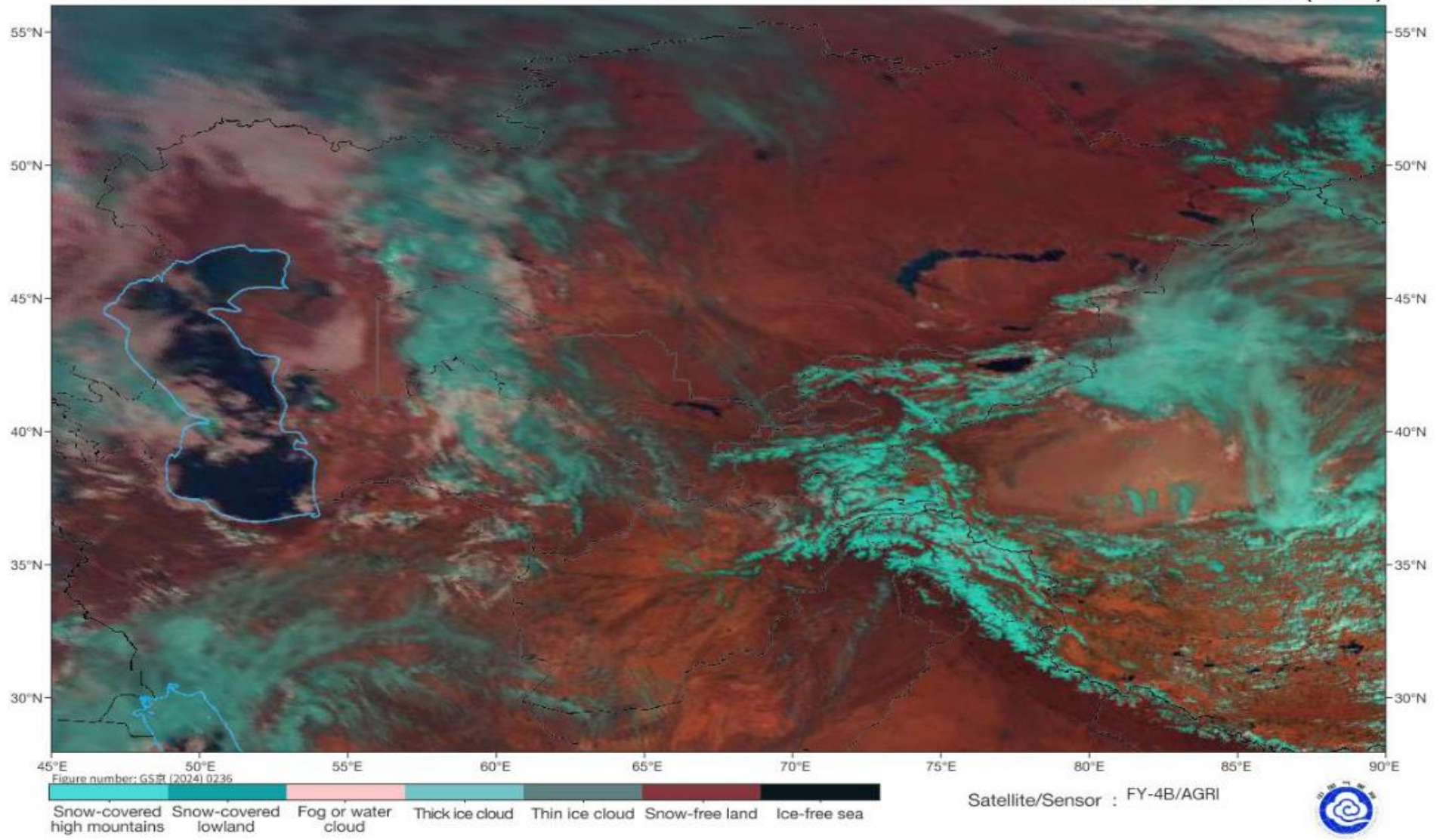
SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
L1C Mercator

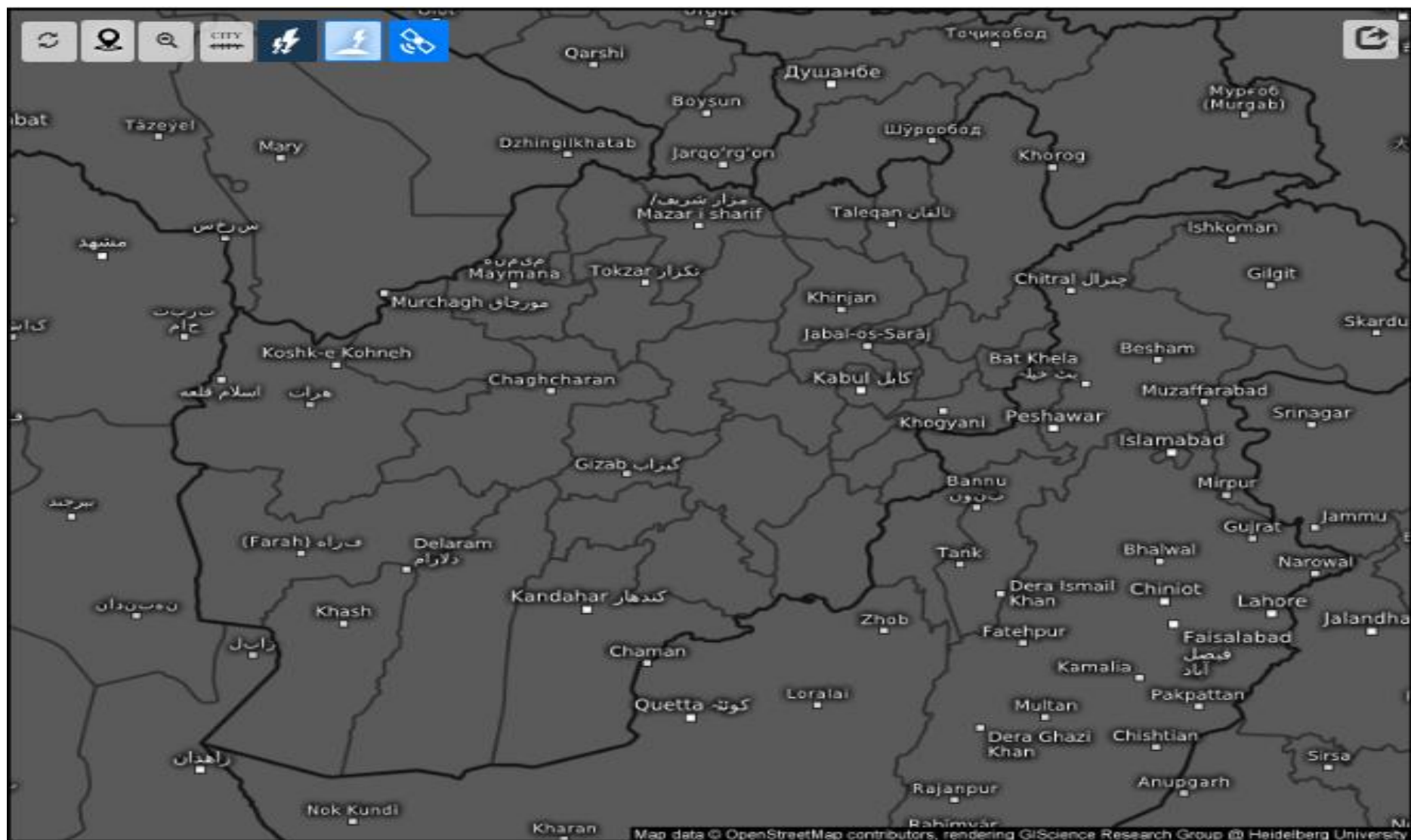
20-04-2026/(0445 to 0512) GMT  
20-04-2026/(1015 to 1042) IST



# Fog Identification

2026-04-20 05:30(UTC)





### Age of lightning (minutes)

Mon 04/20/2026, 10:15am GMT+0430

