



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



Daily reports of Satellite imagery analysis. Date & Time: 27/04/2026, 03:00 UTC

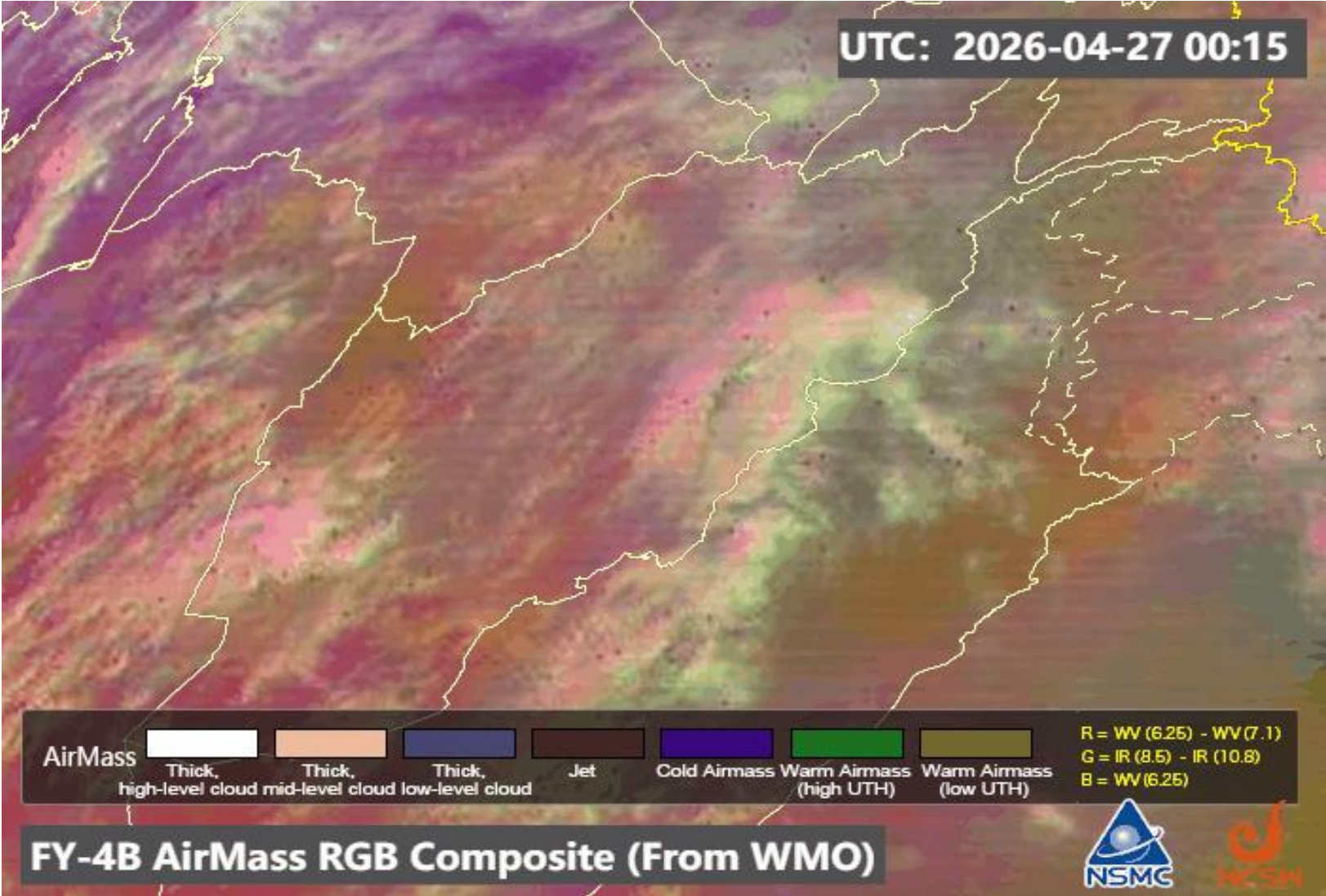
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓ Moderate	X	X	
2	South	X	X	X	✓	X	✓ Moderate	X	X	
3	West	X	X	✓	✓	X	✓ Moderate	X	X	
4	East	✓	X	X	✓	X	✓ Moderate	X	X	
5	central	X	X	X	✓	X	✓ Moderate	X	X	
6	Northeast	X	X	X	✓	X	✓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

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

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

- Reported by: Sayed Taher Atlas

UTC: 2026-04-27 00:15



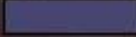
AirMass



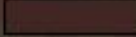
Thick,  
high-level cloud



Thick,  
mid-level cloud



Thick,  
low-level cloud



Jet



Cold Airmass



Warm Airmass  
(high UTH)



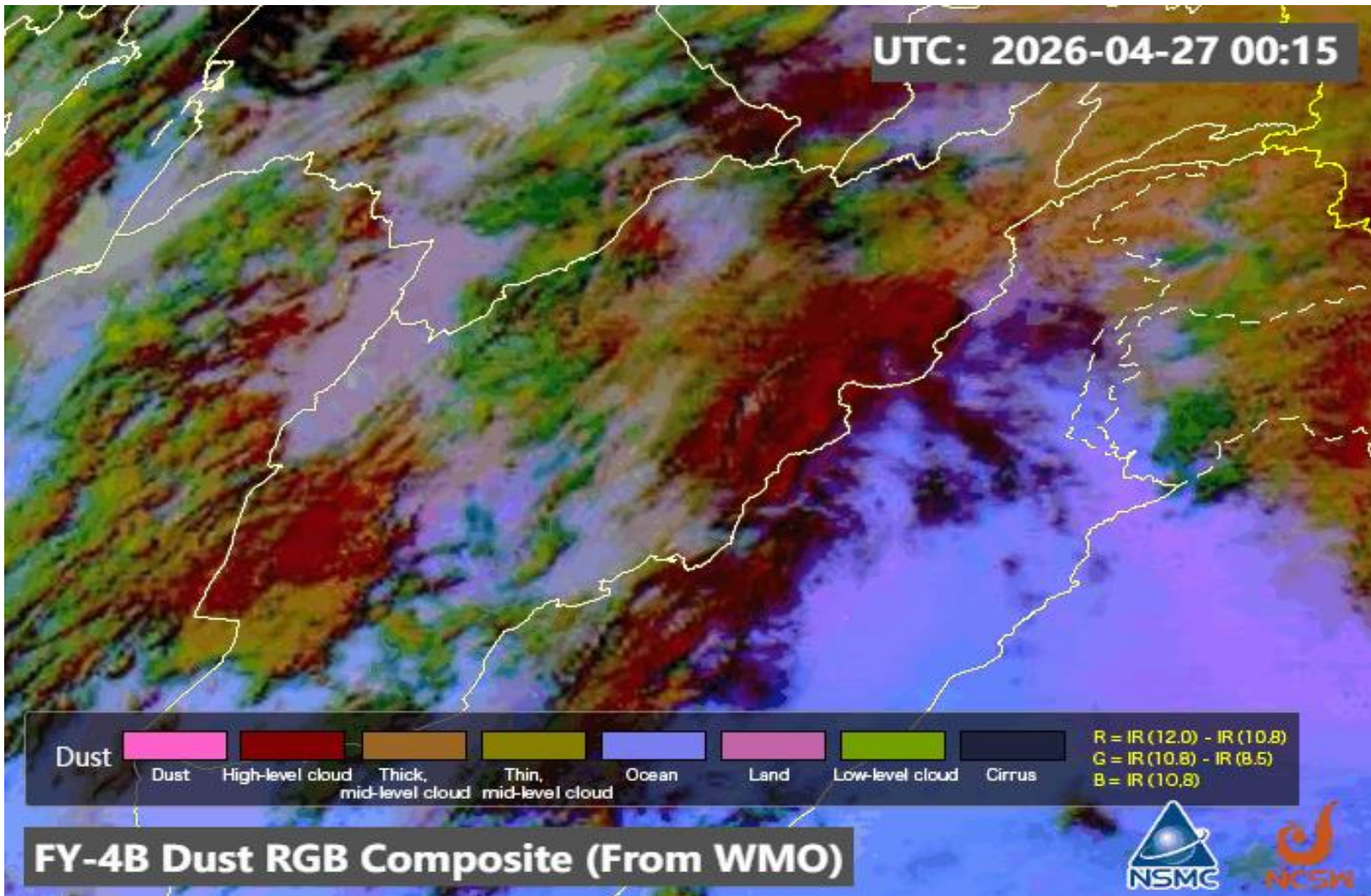
Warm Airmass  
(low UTH)

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)

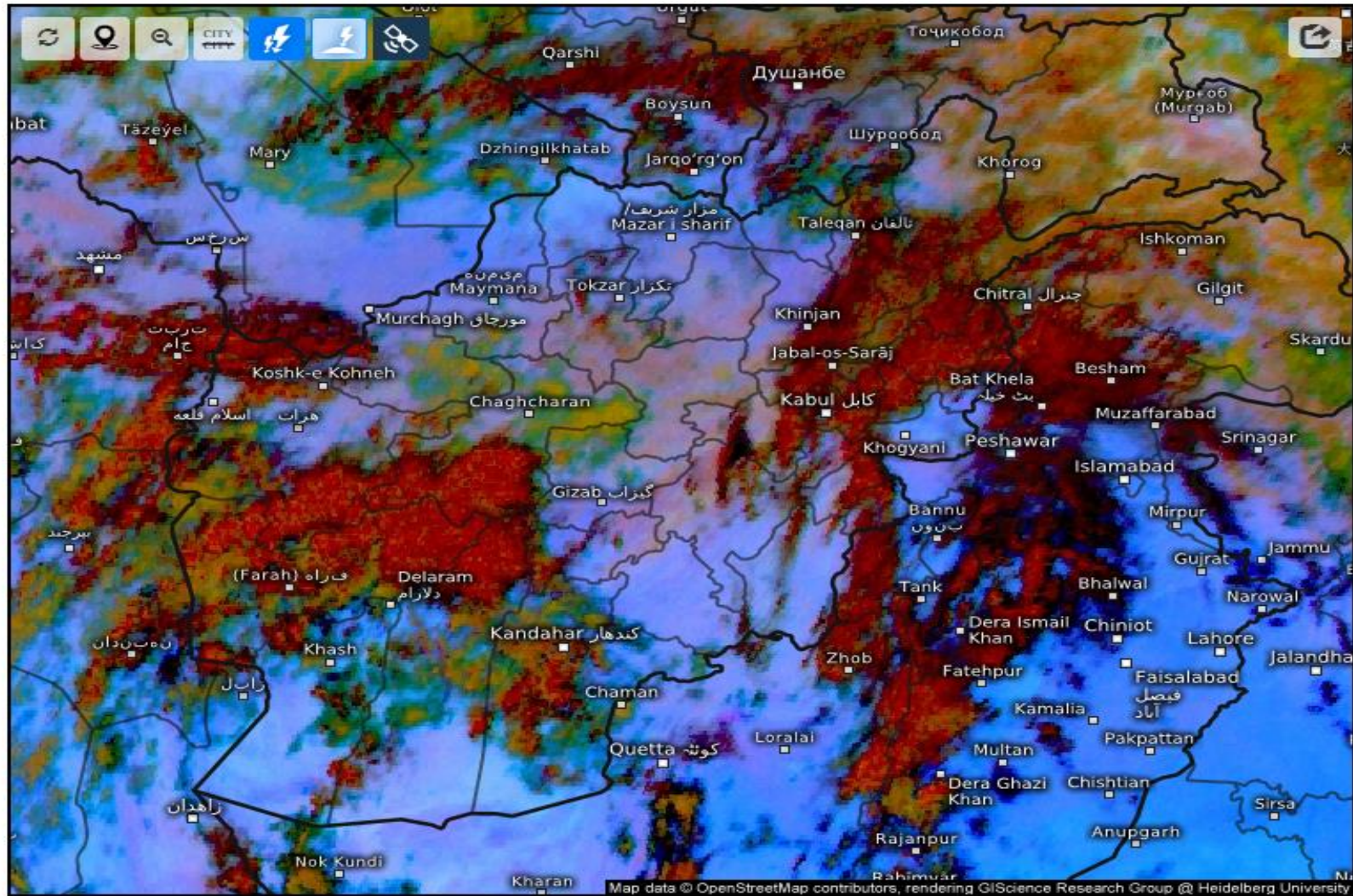


UTC: 2026-04-27 00:15



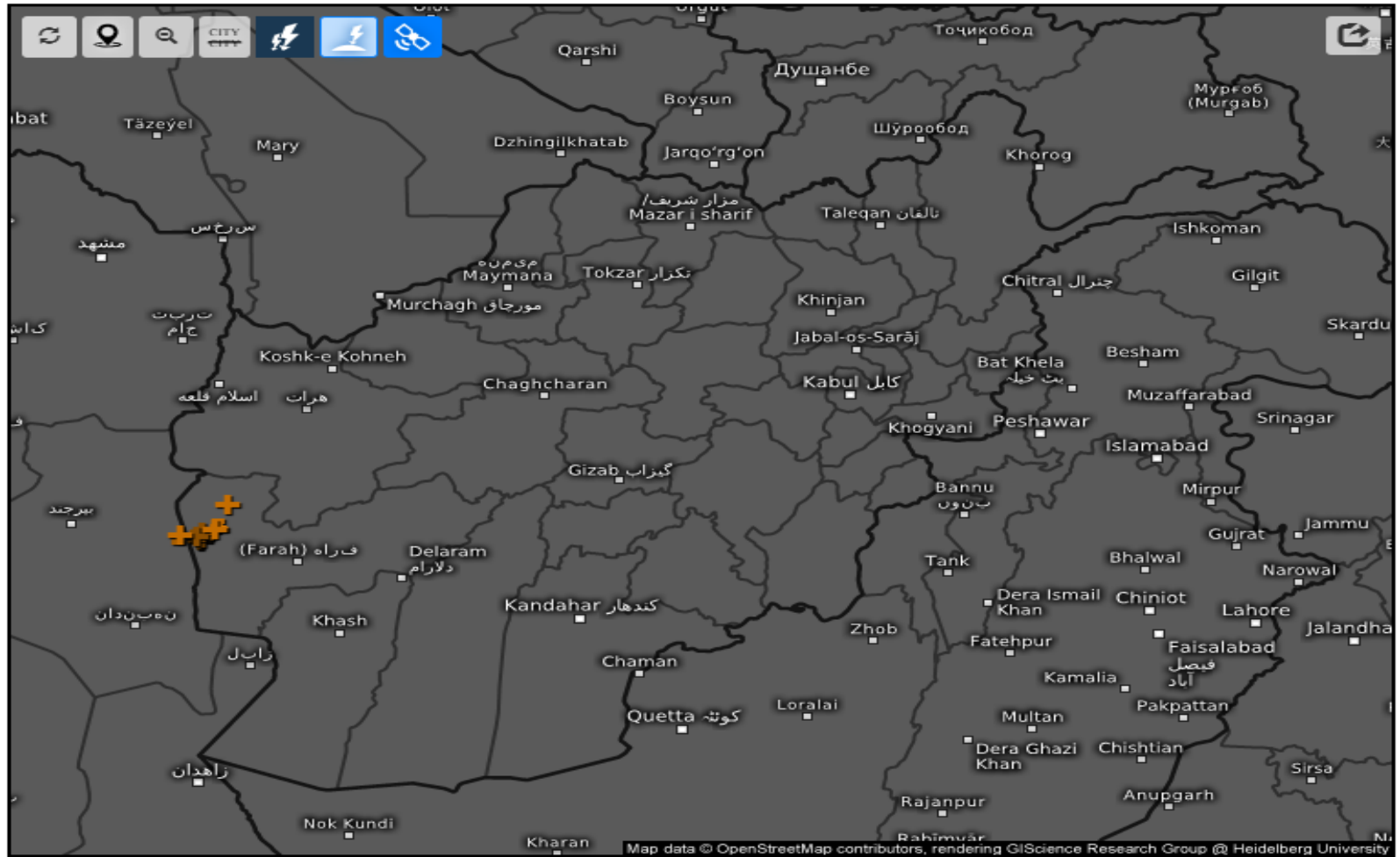
**FY-4B Dust RGB Composite (From WMO)**





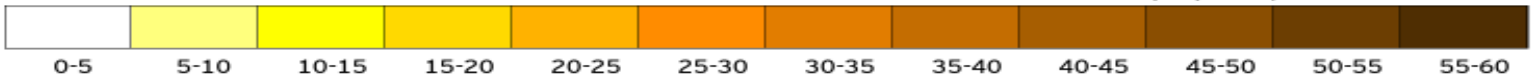
Satellite Dust 

Mon 04/27/2026, 07:30am GMT+0430



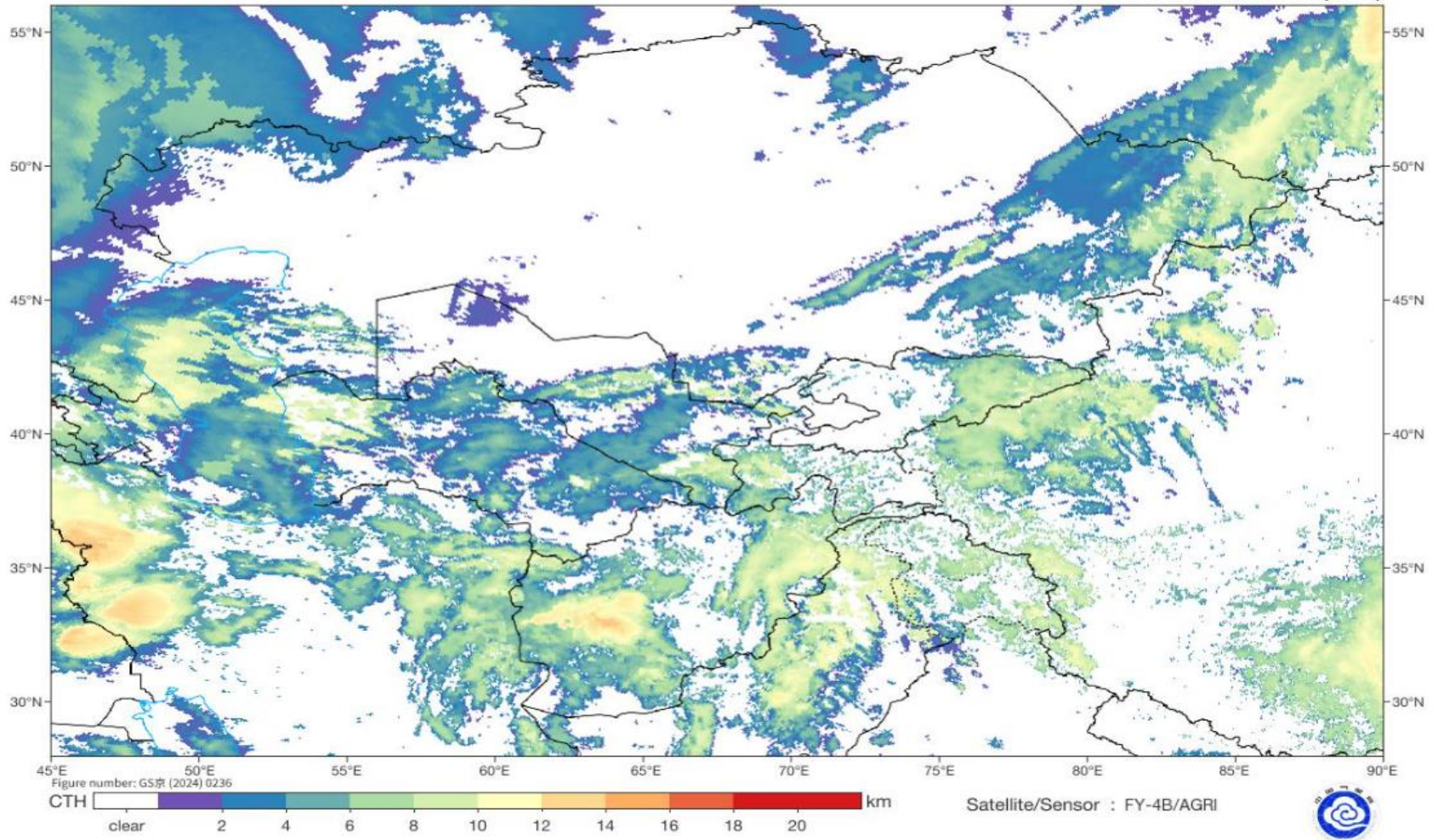
Age of lightning (minutes)

Mon 04/27/2026, 07:30am GMT+0430

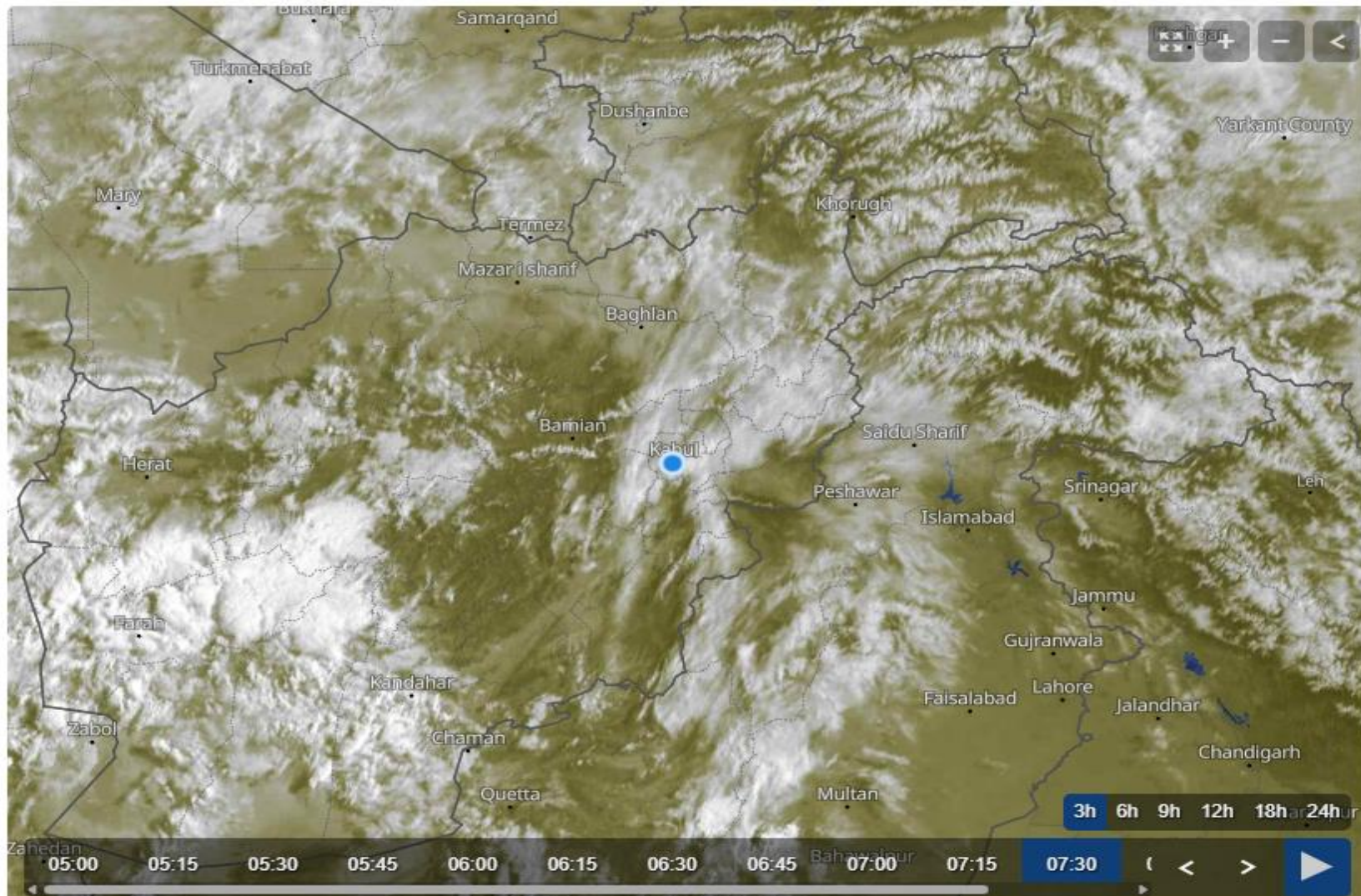


# Cloud Top Height

2026-04-27 03:00(UTC)

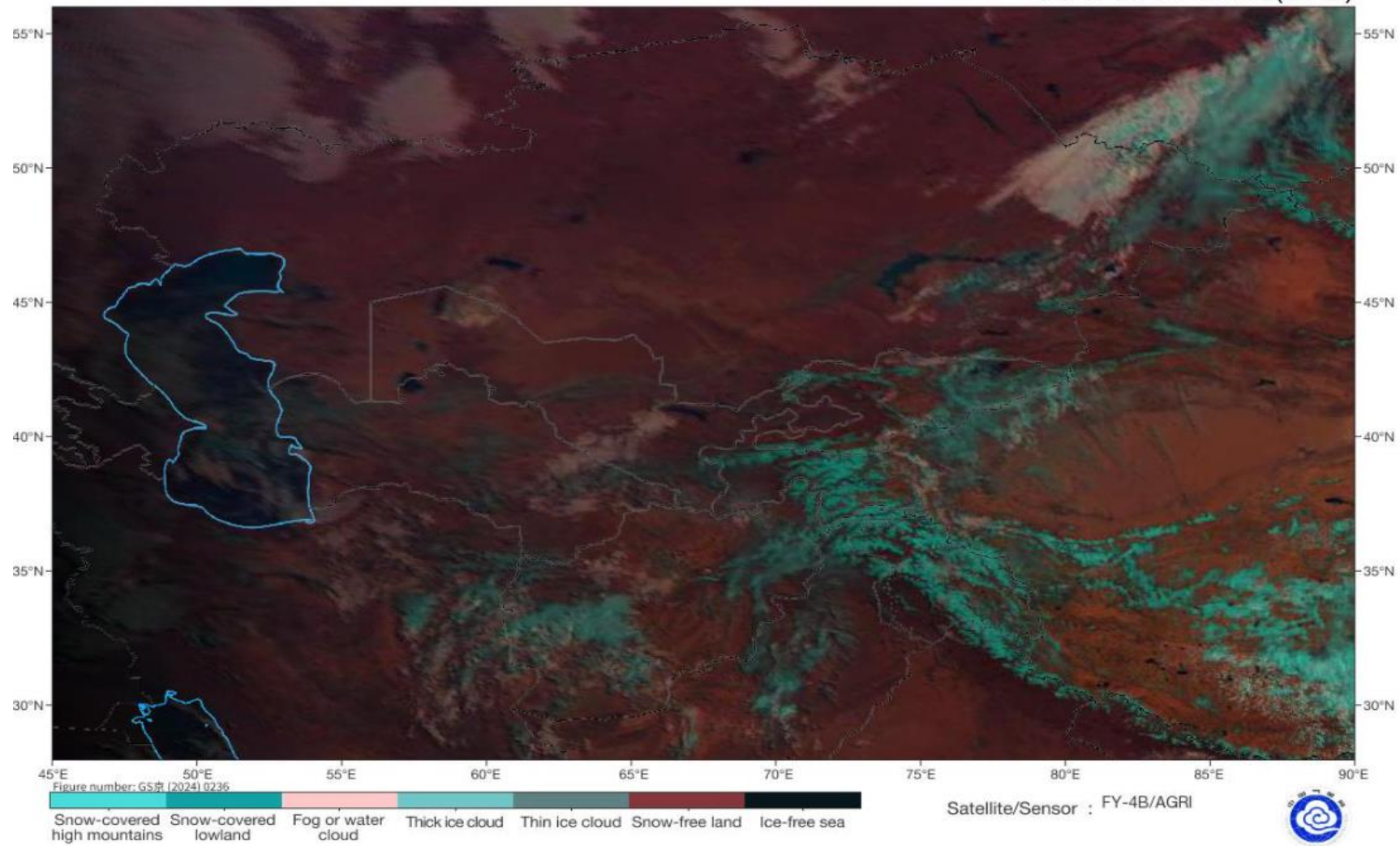


## Live satellite map, Afghanistan



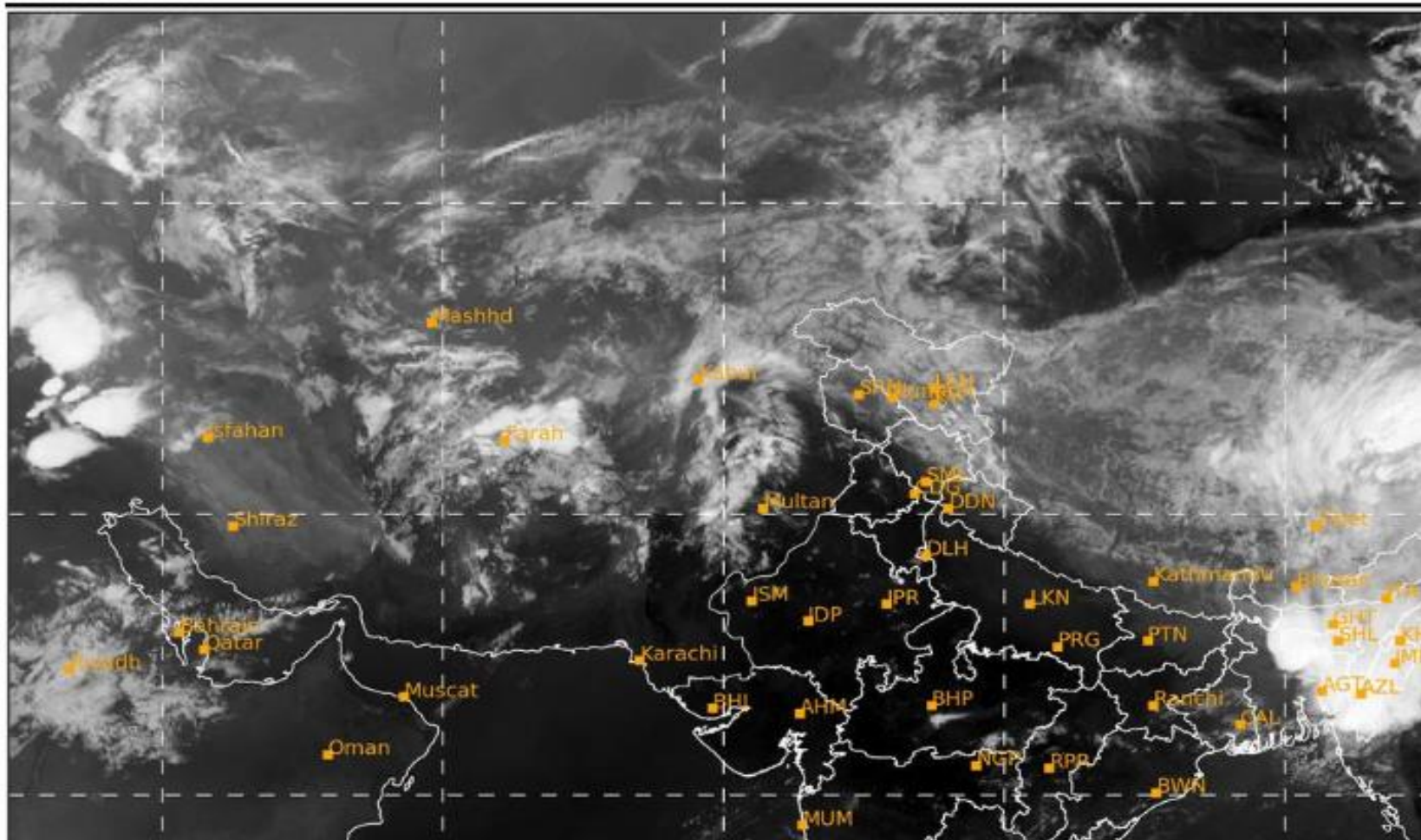
# Fog Identification

2026-04-27 03:00(UTC)



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

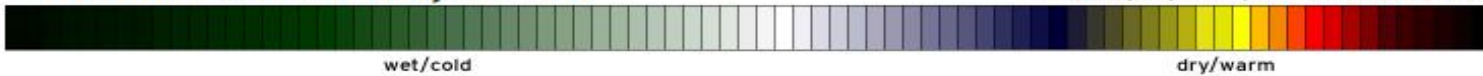
27-04-2026/(0215 to 0242) GMT  
27-04-2026/(0745 to 0812) IST





## Satellite Water Vapor

Mon 04/27/2026, 07:30am GMT+0430





# Land Surface Temperature

2026-04-26 03:00(UTC)

