



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



**Daily reports of Satellite imagery analysis. Date & Time: 21-06-2026, 06:00 UTC**

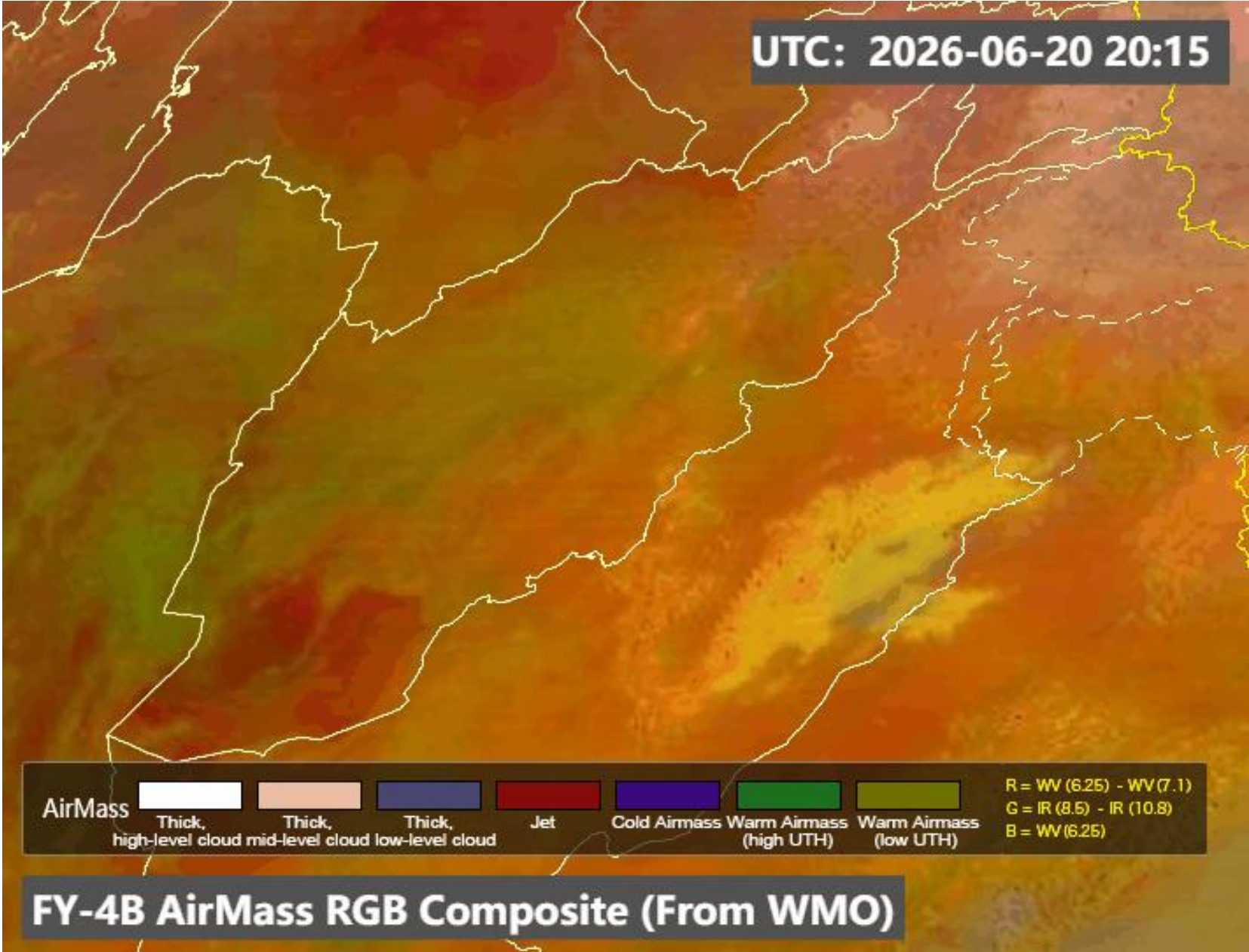
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	✓	X	✓ weak	X	✓	
2	South	X	X	X	X	X	✓ Dry/warm	X	✓	
3	West	✓	moderate	X	X	X	✓ Dry/warm	X	X	
4	East	✓	X	✓	✓	X	✓ weak	X	X	
5	central	✓	X	X	✓	X	✓ weak	X	X	
6	Northeast	✓	X	✓	✓	X	✓ moderate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

**Details:** According to satellite imagery analysis, the western, eastern, central, northeastern, southeastern and northwestern regions have a warm air mass with (High UTH). The western, northwestern and southwestern regions have dust. The eastern and northeastern regions have lightning. The northern, eastern, central, northeastern regions have cloudy skies. The northern, eastern, central regions have weak water vapor, the northeastern regions have moderate water vapor and the southern, western, southeastern, northwestern, southwestern regions have dry/warm water vapor. The northern, southern and southwestern regions have Jetstream.

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

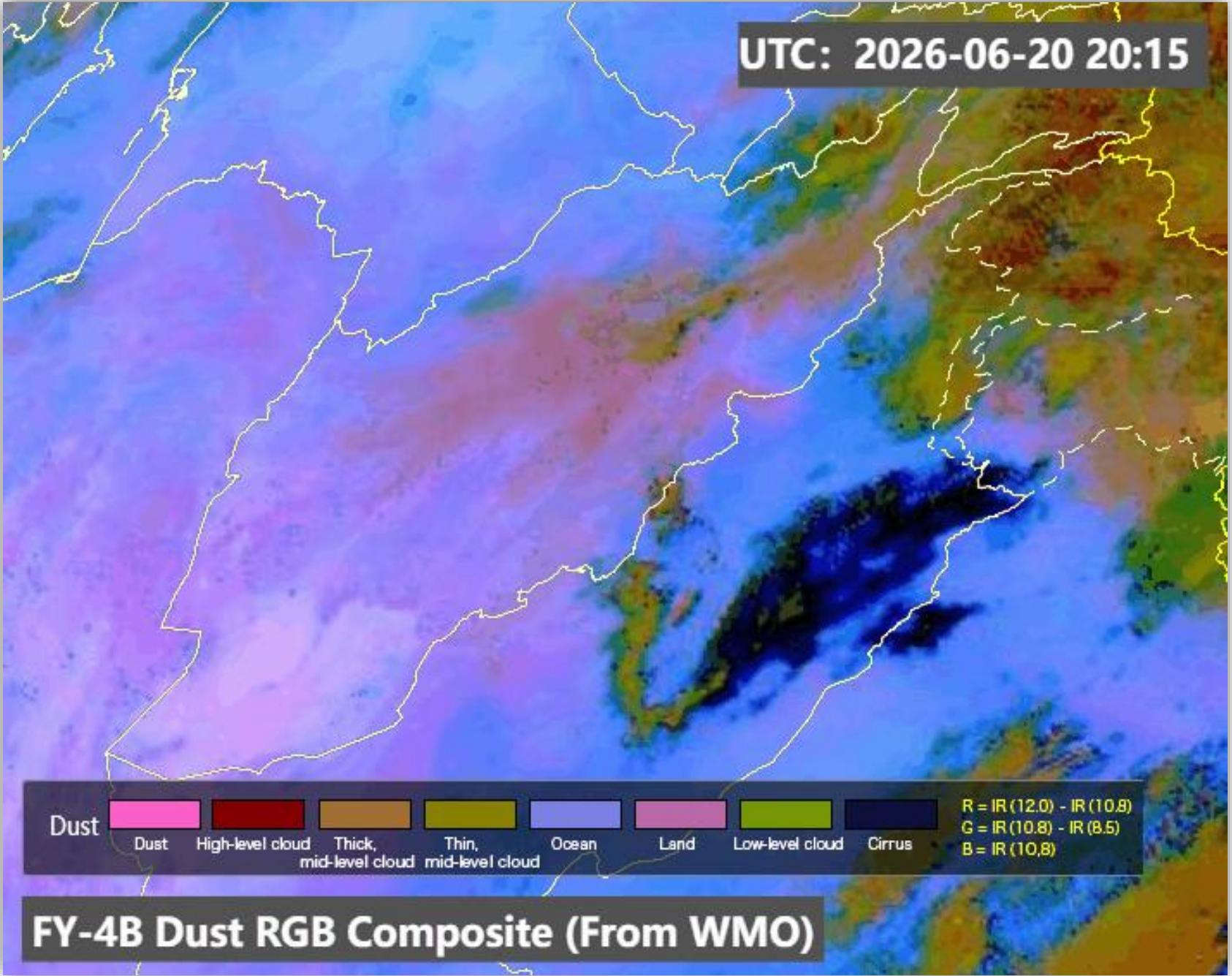
**Reported by:** Esmatullah Mohammadi

UTC: 2026-06-20 20:15



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

UTC: 2026-06-20 20:15



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

# Sand And Dust Identification

2026-06-21 05:30(UTC)

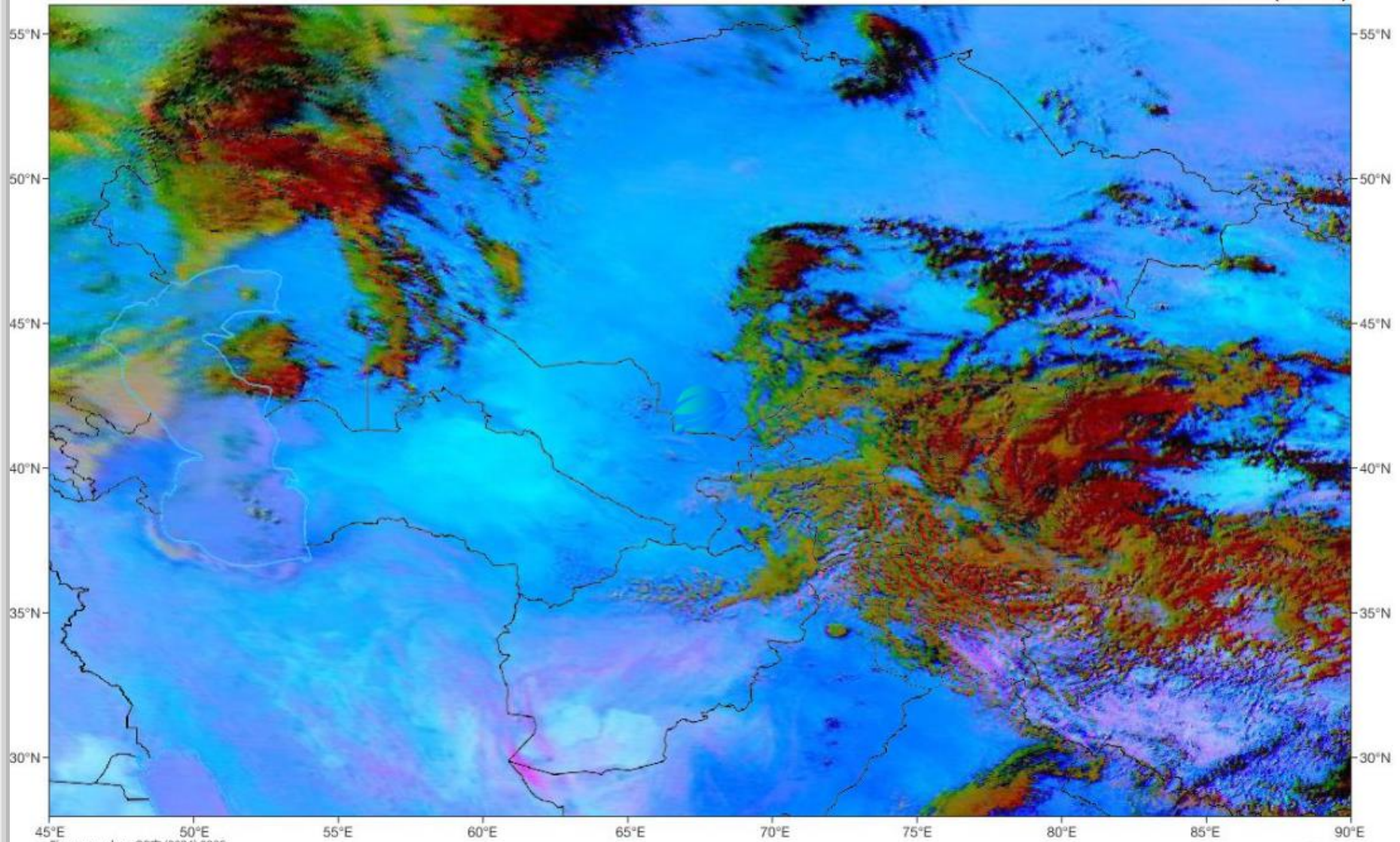
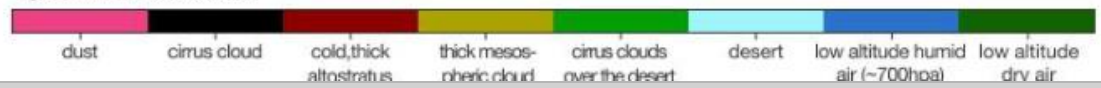


Figure number: GS京 (2024) 0236

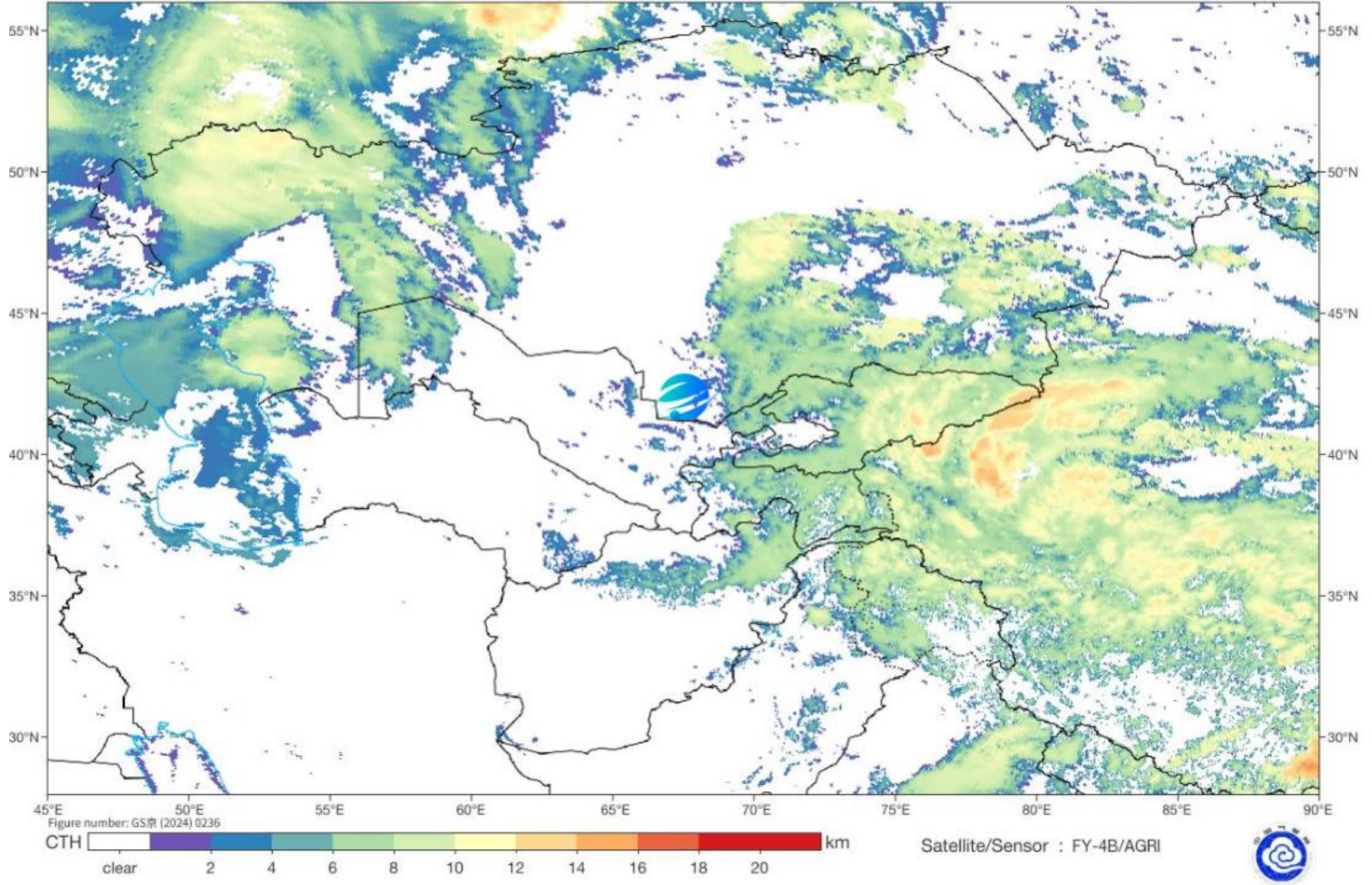


Satellite/Sensor : FY-4B/AGRI

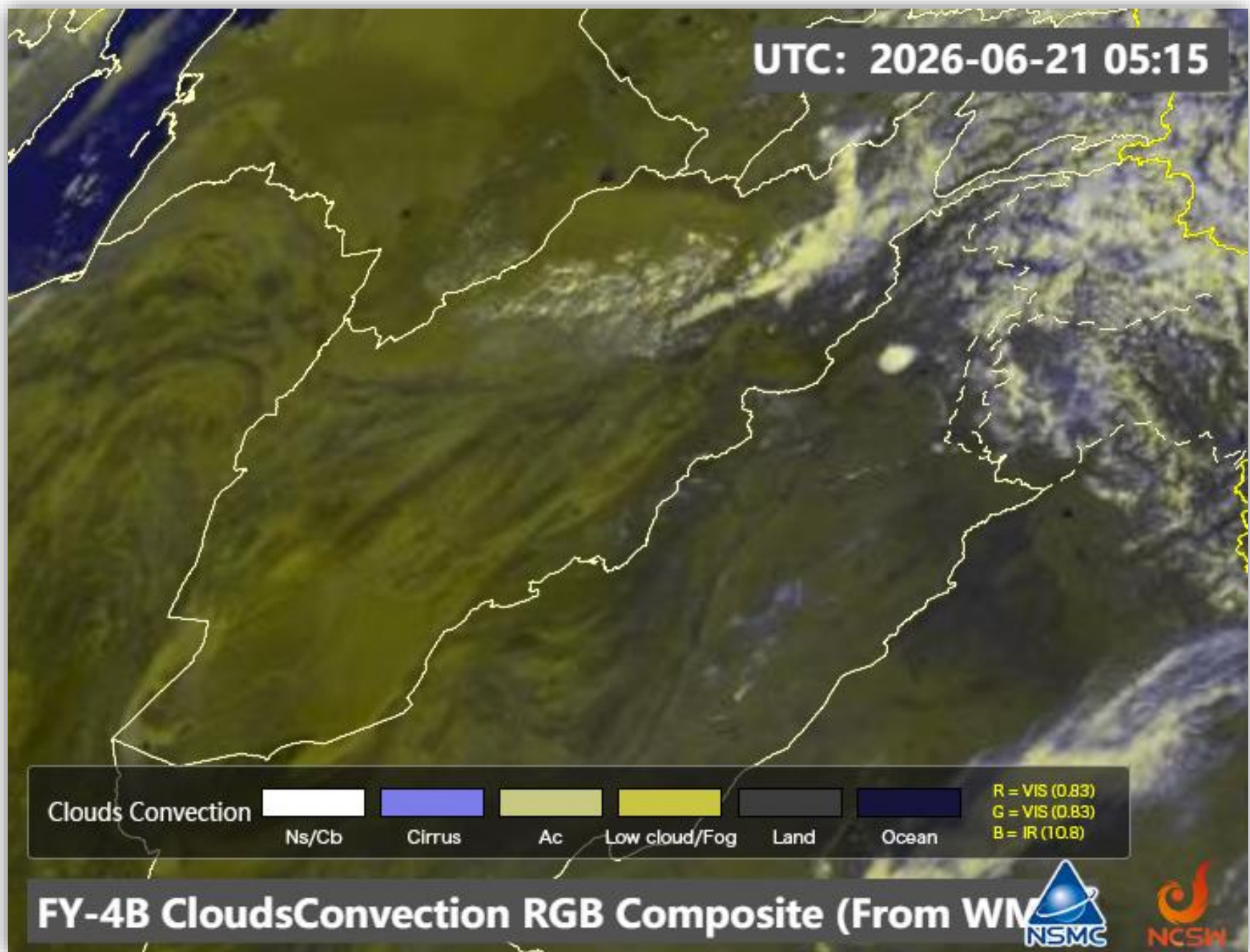


# Cloud Top Height

2026-06-21 05:30(UTC)



UTC: 2026-06-21 05:15



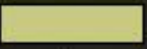
Clouds Convection



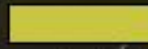
Ns/Cb



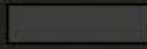
Cirrus



Ac



Low cloud/Fog



Land



Ocean

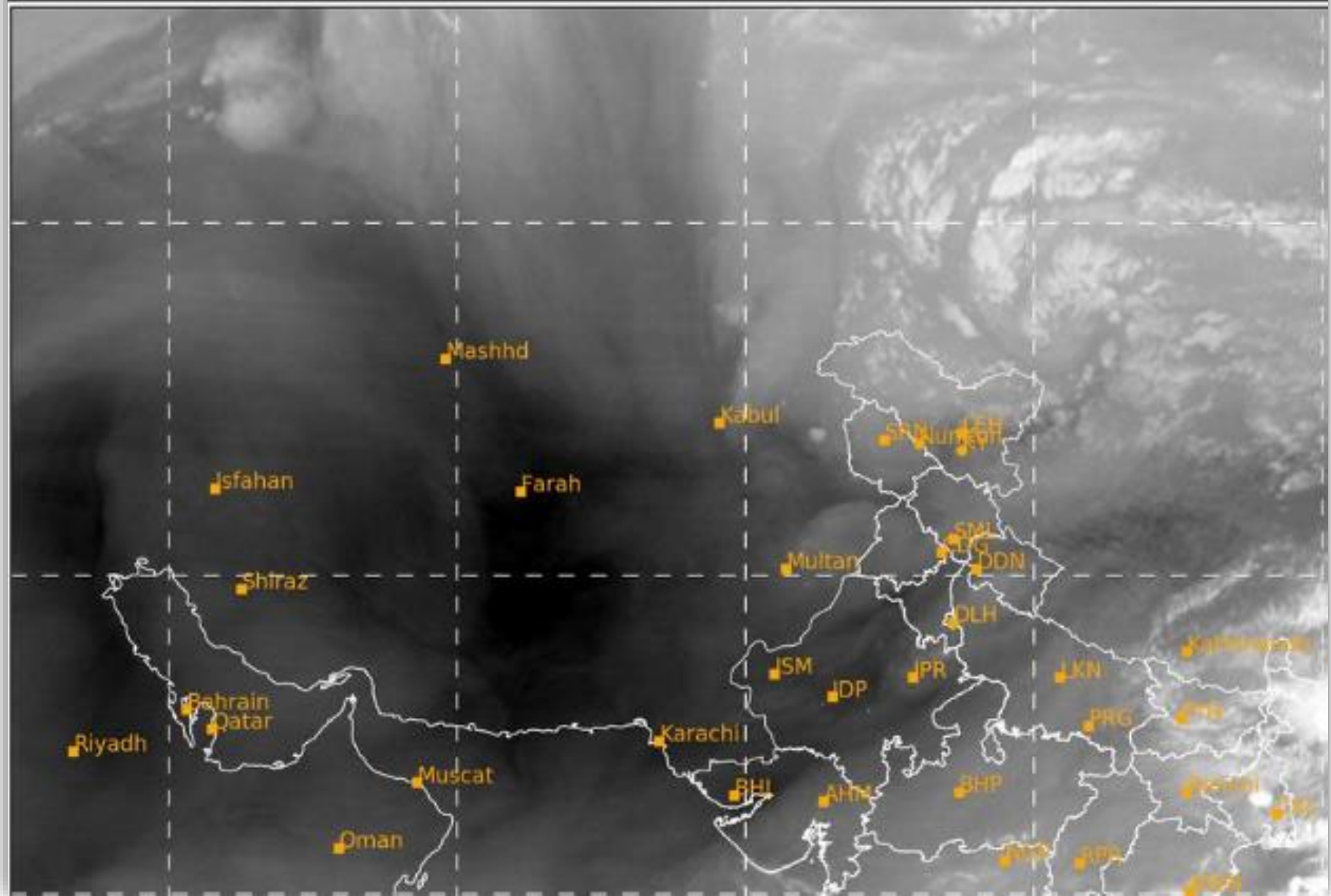
R = VIS (0.83)  
G = VIS (0.83)  
B = IR (10.8)

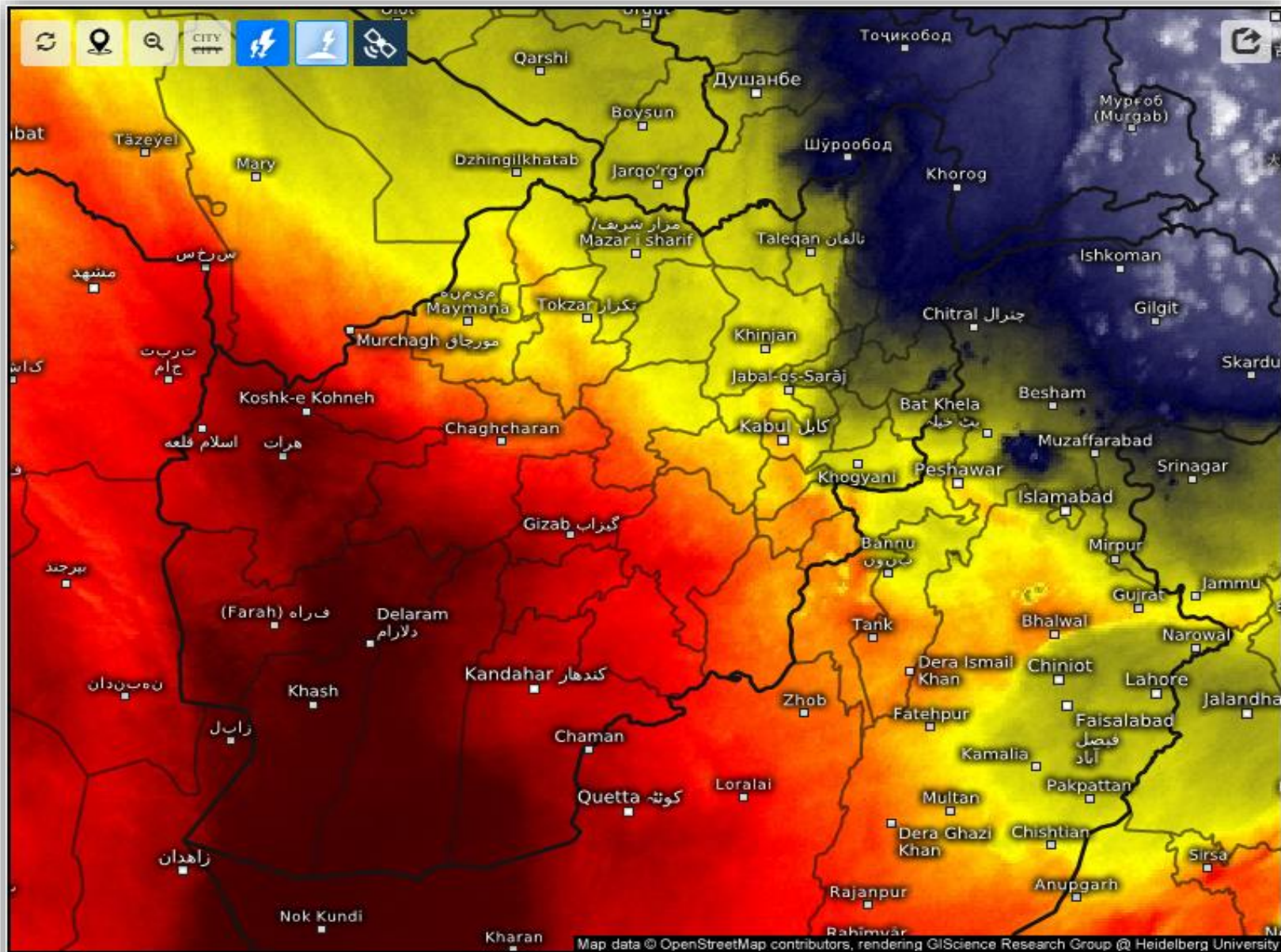
FY-4B CloudsConvection RGB Composite (From WM



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

21-06-2026/(0445 to 0512) GMT  
21-06-2026/(1015 to 1042) IST





## Satellite Water Vapor i

Sun 06/21/2026, 10:00am GMT+0430

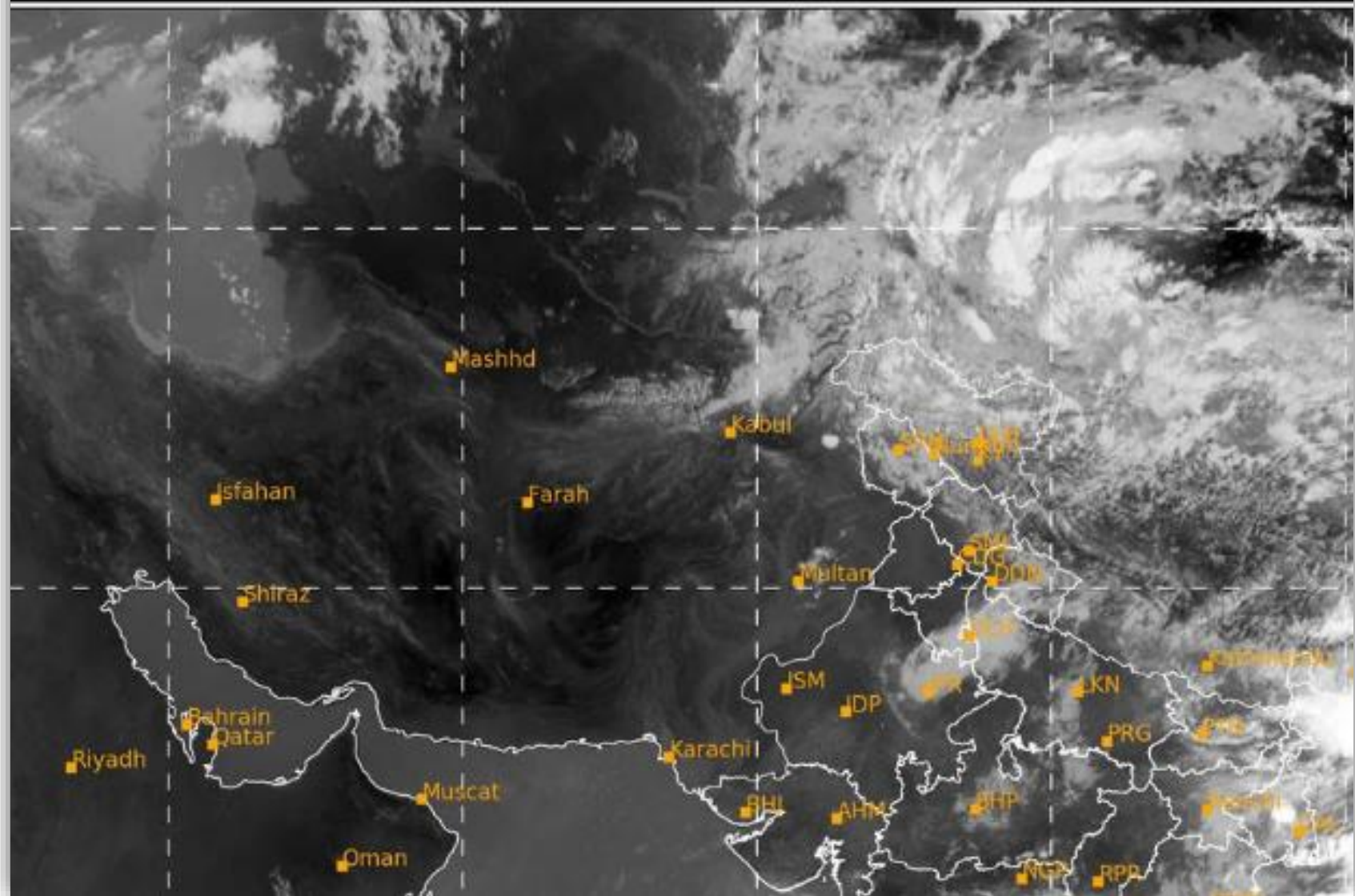


wet/cold

dry/warm

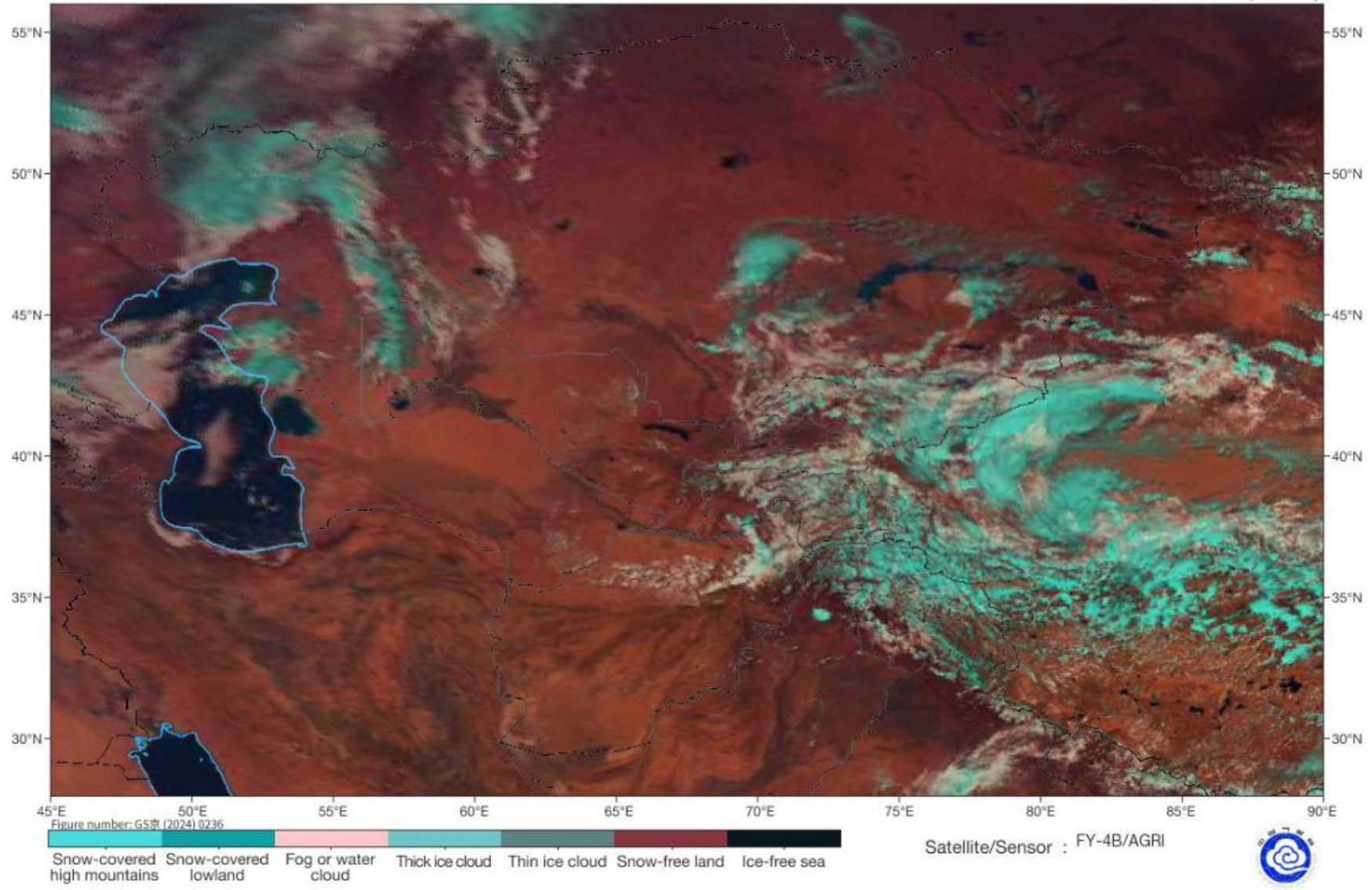
SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
LIC Mercator

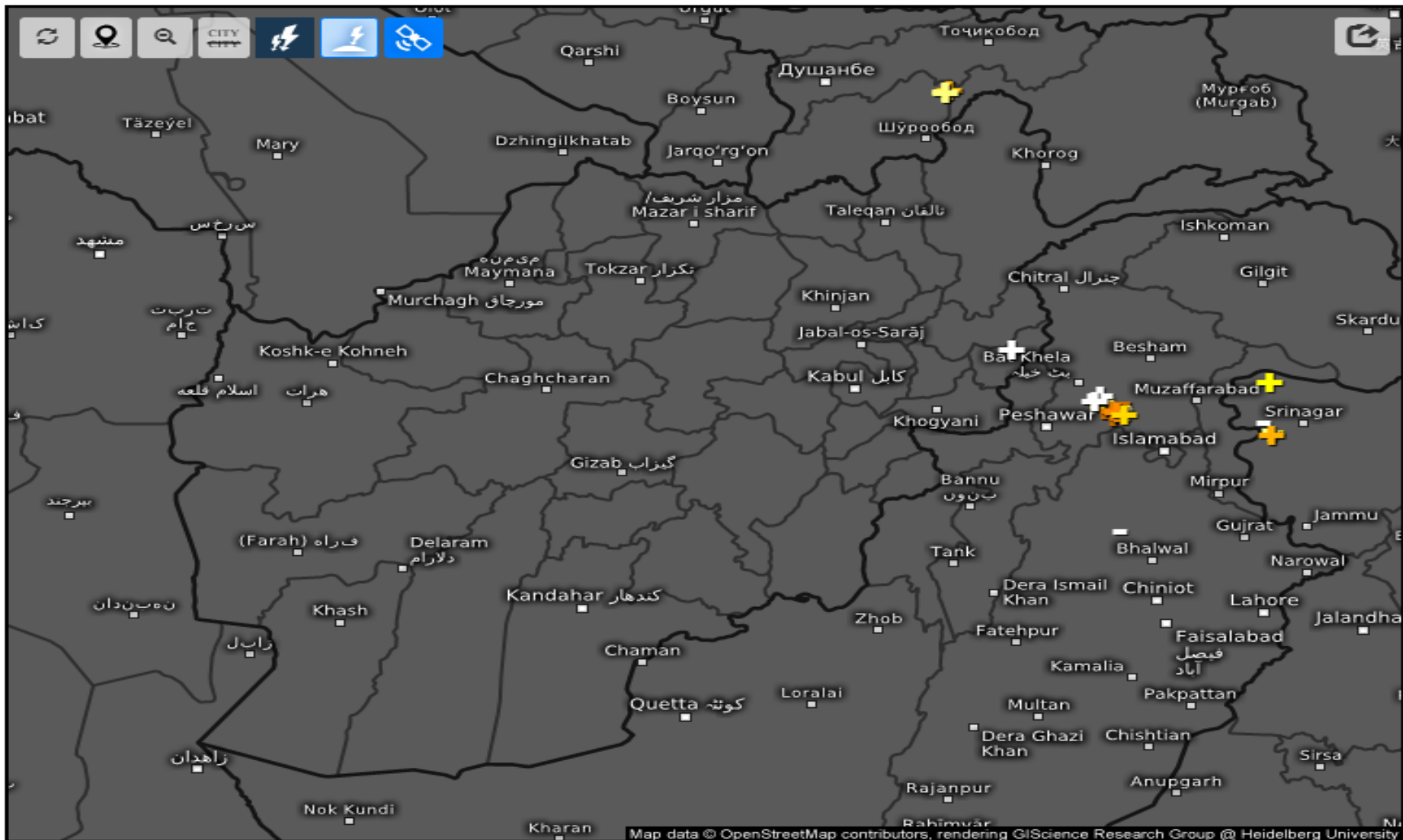
21-06-2026/(0445 to 0512) GMT  
21-06-2026/(1015 to 1042) IST



# Fog Identification

2026-06-21 05:30(UTC)





Age of lightning (minutes) 

Sun 06/21/2026, 10:20am GMT+0430

