



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



**Daily reports of Satellite imagery analysis. Date & Time: 13-06-2026, 06:00 UTC**

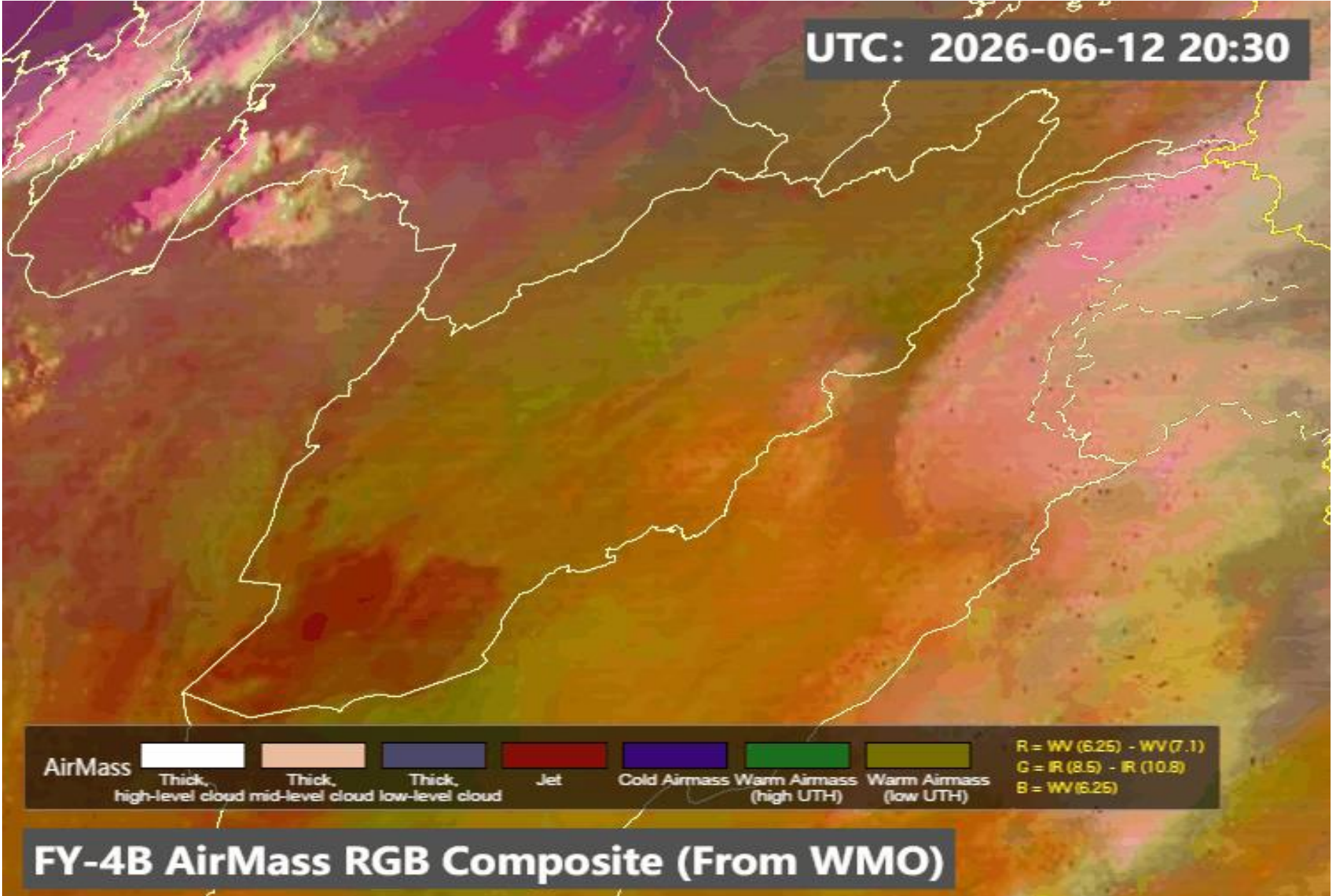
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	X	X	✓ weak	X	X	
2	South	X	light	X	X	X	✓ Dry/warm	X	✓	
3	West	✓	Moderate	X	X	X	✓ weak	X	X	
4	East	✓	X	X	✓	X	✓ weak	X	X	
5	central	✓	light	X	✓	X	✓ weak	X	X	
6	Northeast	X	X	X	✓	X	✓ weak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

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

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

**Reported by:** Esmatullah Mohammadi

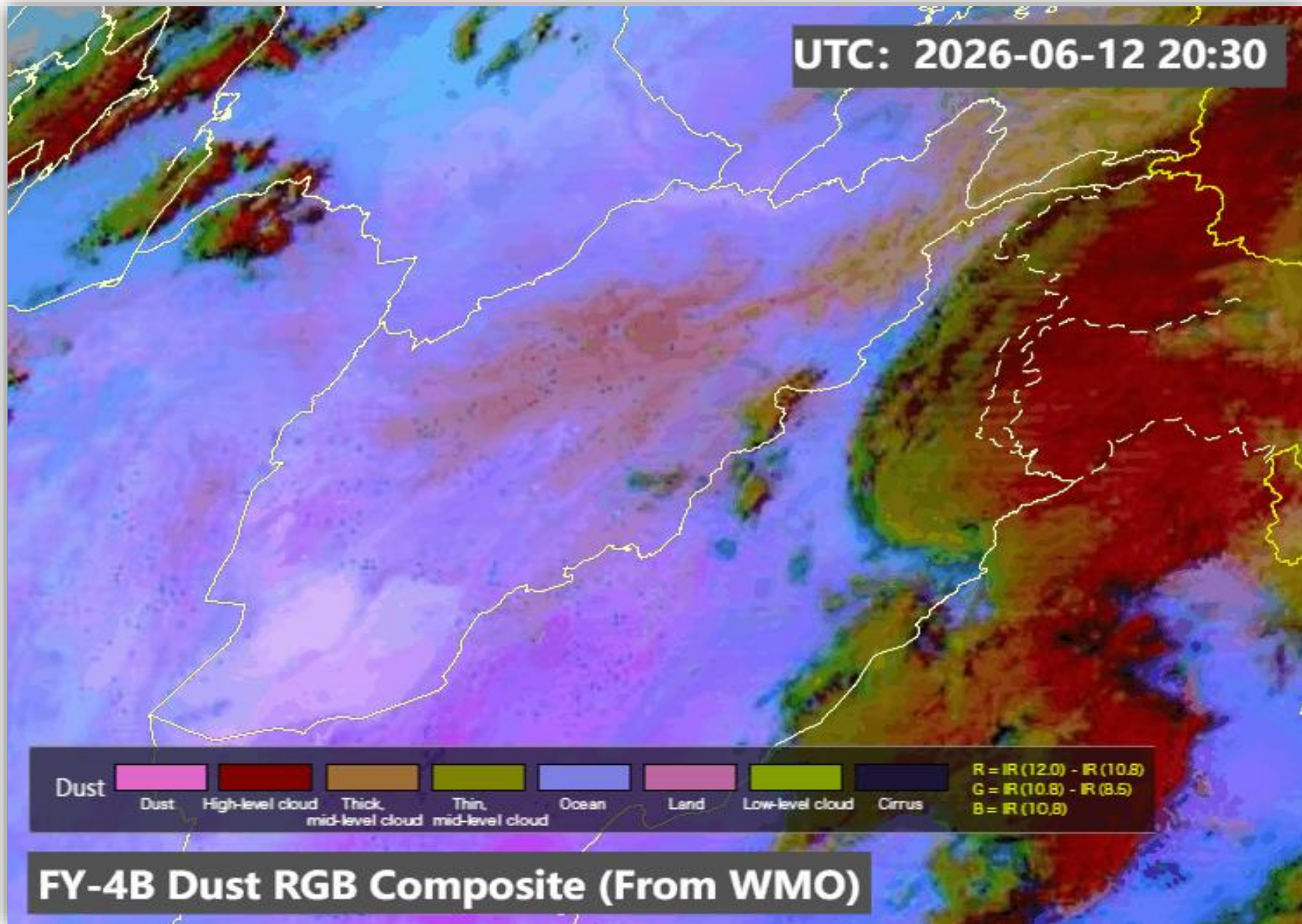
UTC: 2026-06-12 20:30



<b>AirMass</b>								R = WV (6.25) - WV(7.1)
	Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)	G = IR (8.5) - IR (10.8)
								B = WV (6.25)

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

UTC: 2026-06-12 20:30



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

# Sand And Dust Identification

2026-06-13 05:30(UTC)

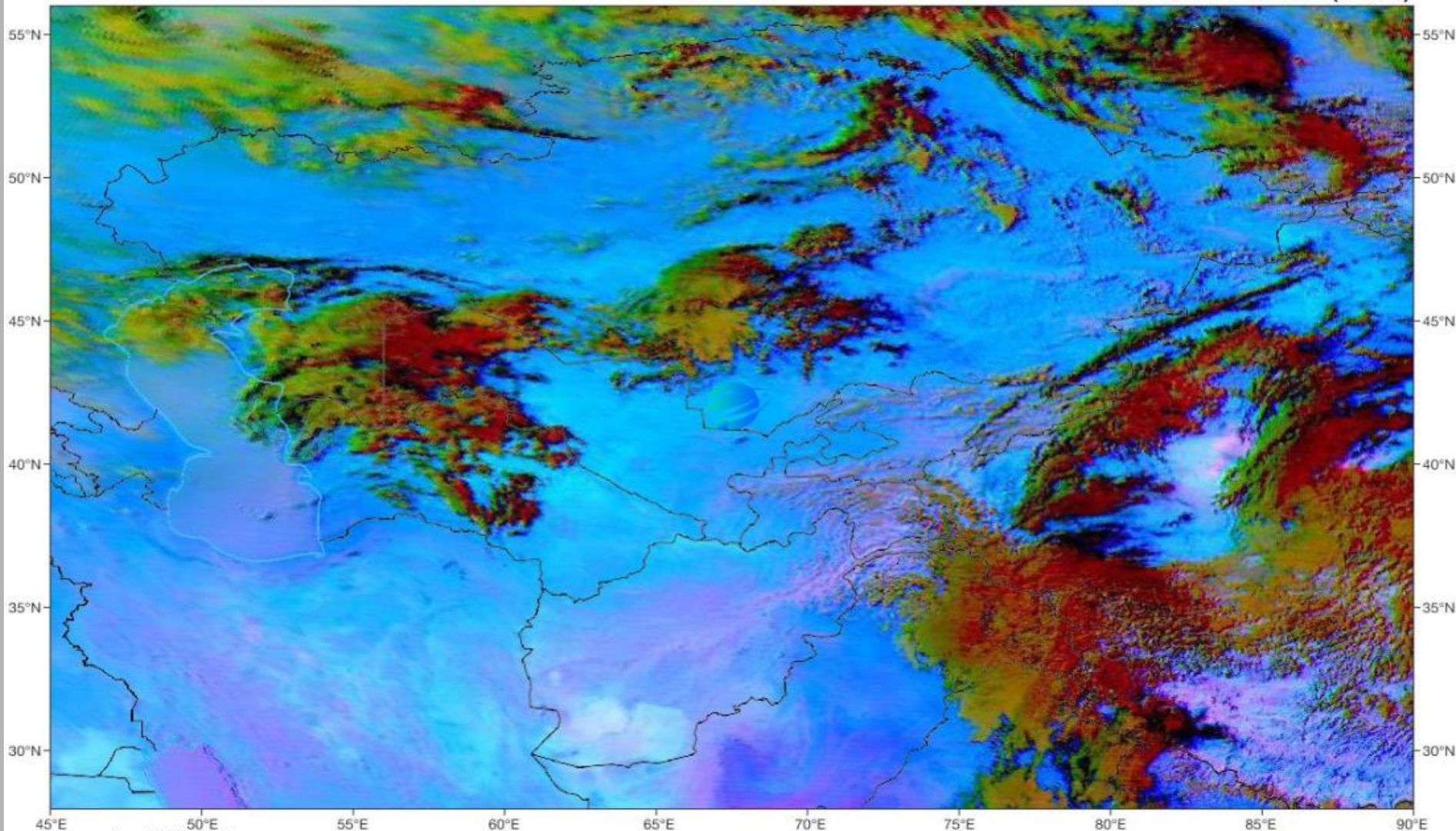


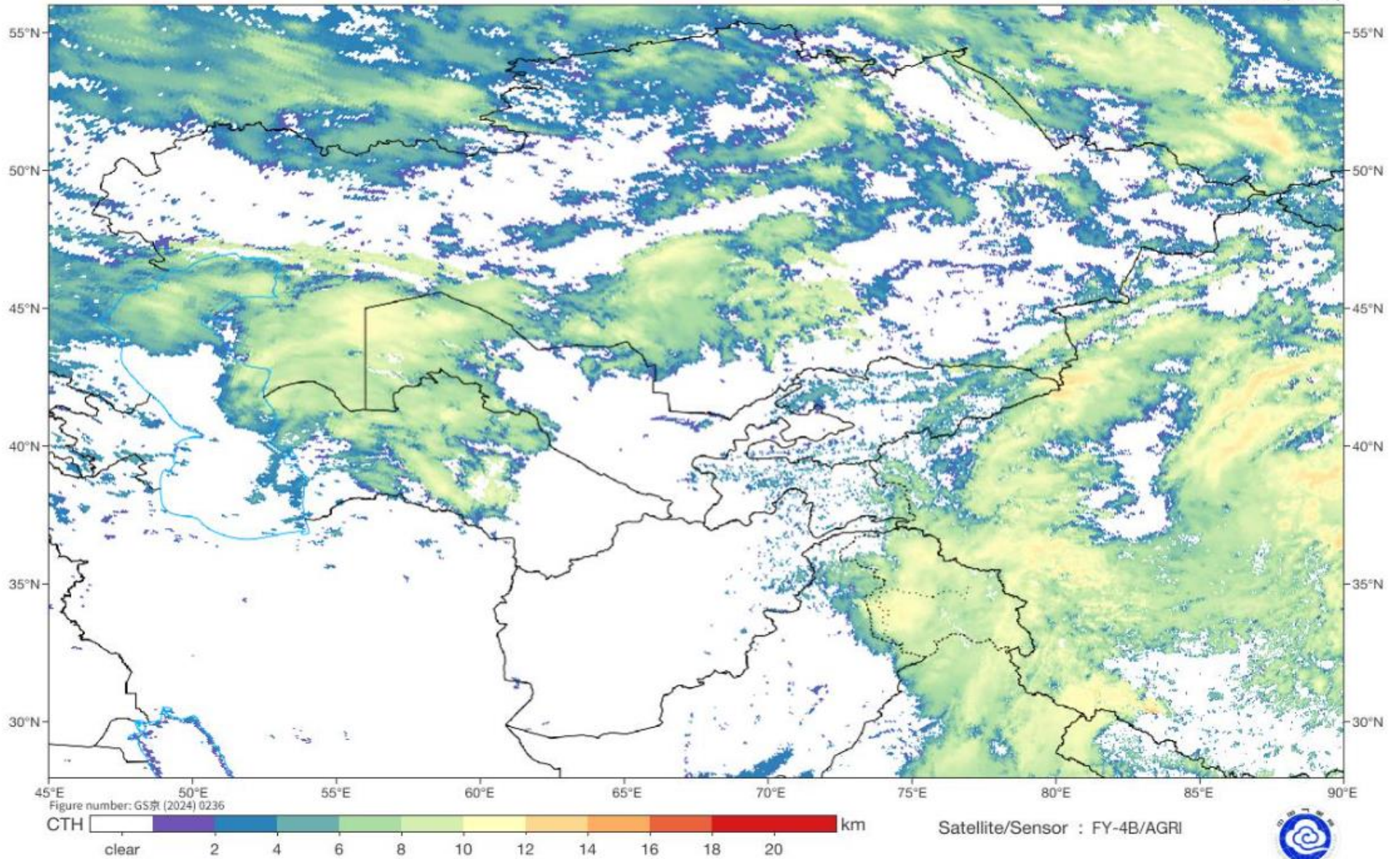
Figure number: GS京 (2024) 0236

Satellite/Sensor : FY-4B/AGRI

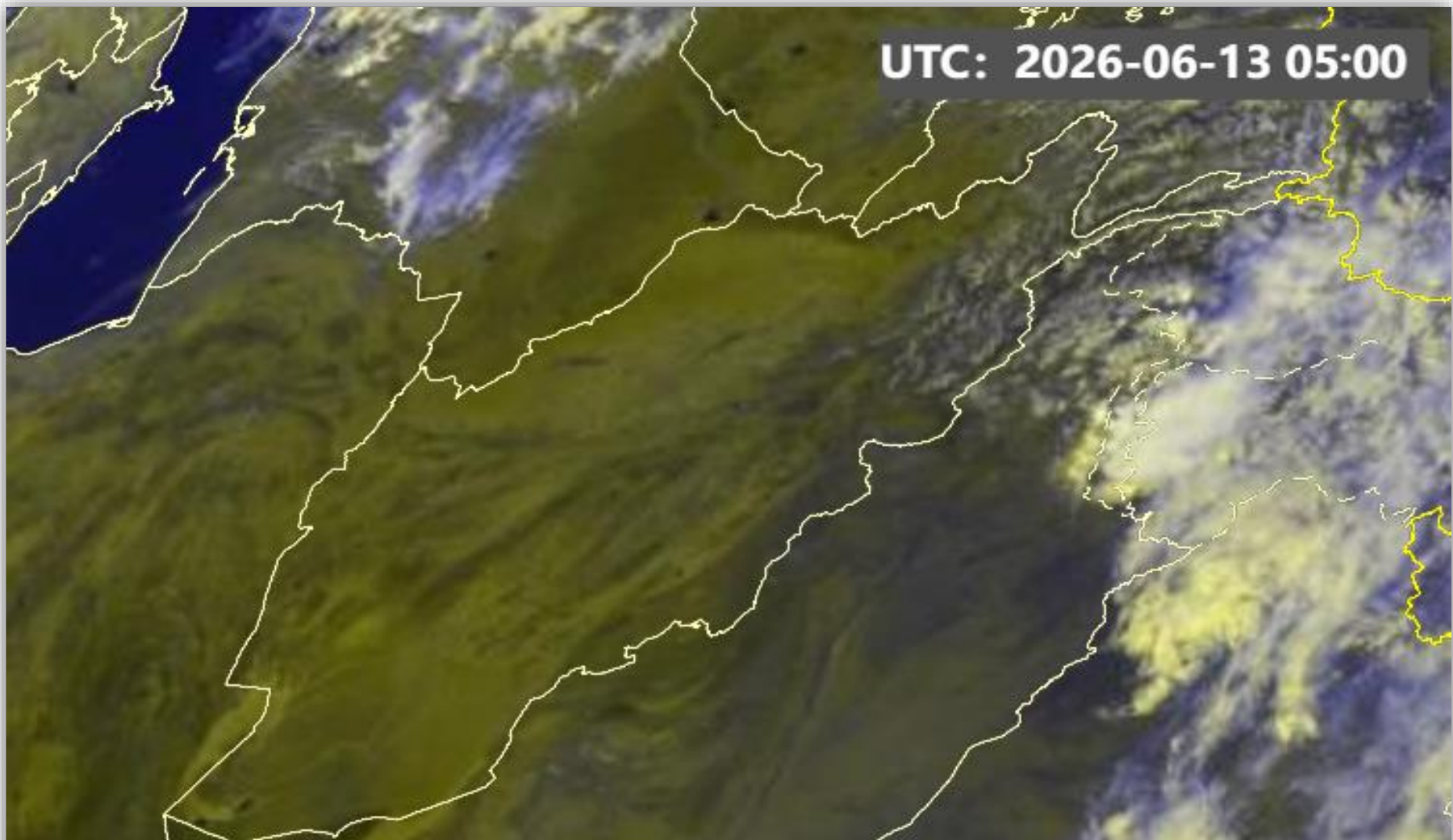


# Cloud Top Height

2026-06-13 05:30(UTC)



UTC: 2026-06-13 05:00



Clouds Convection

					
Ns/Cb	Cirrus	Ac	Low cloud/Fog	Land	Ocean

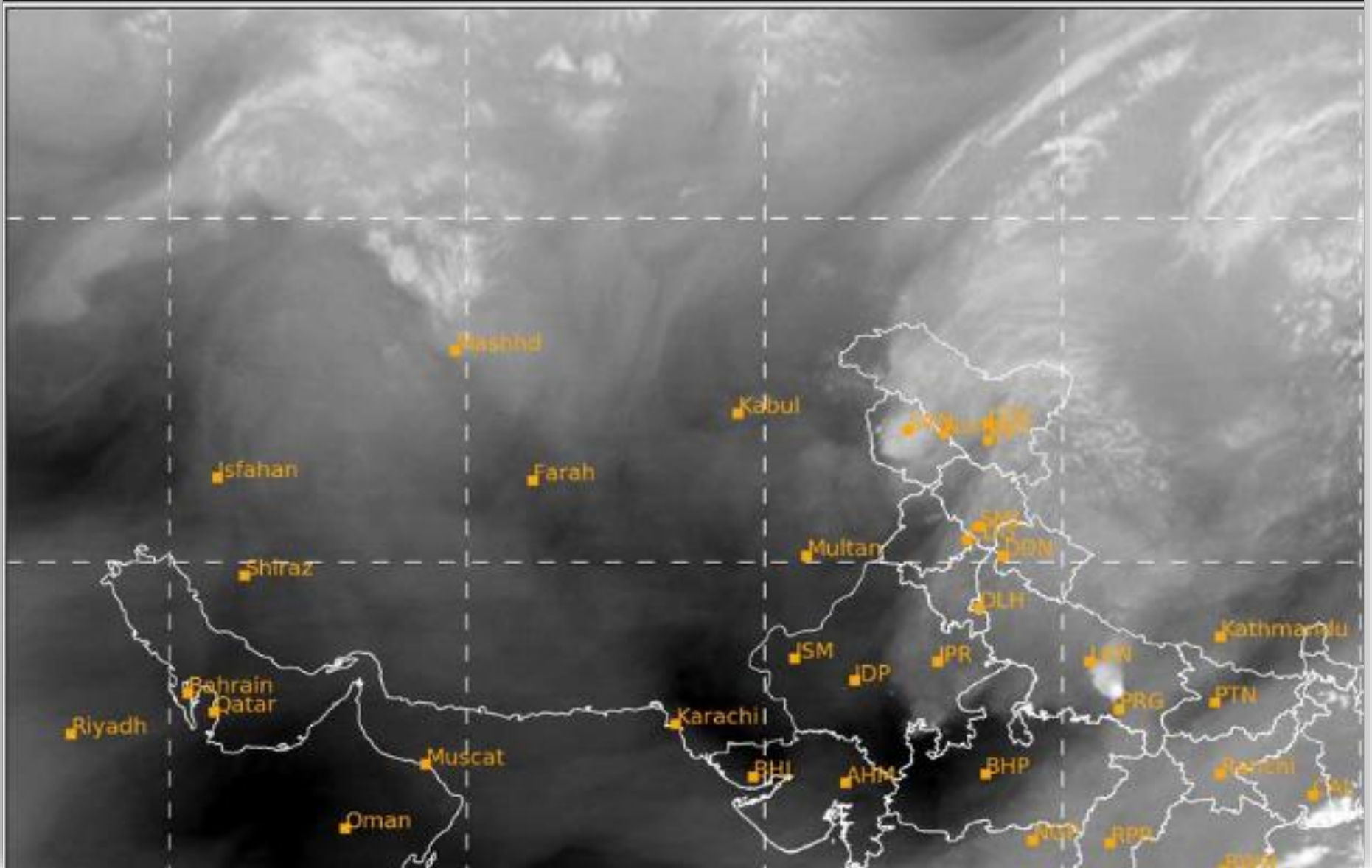
R = VIS (0.83)  
G = VIS (0.83)  
B = IR (10.8)

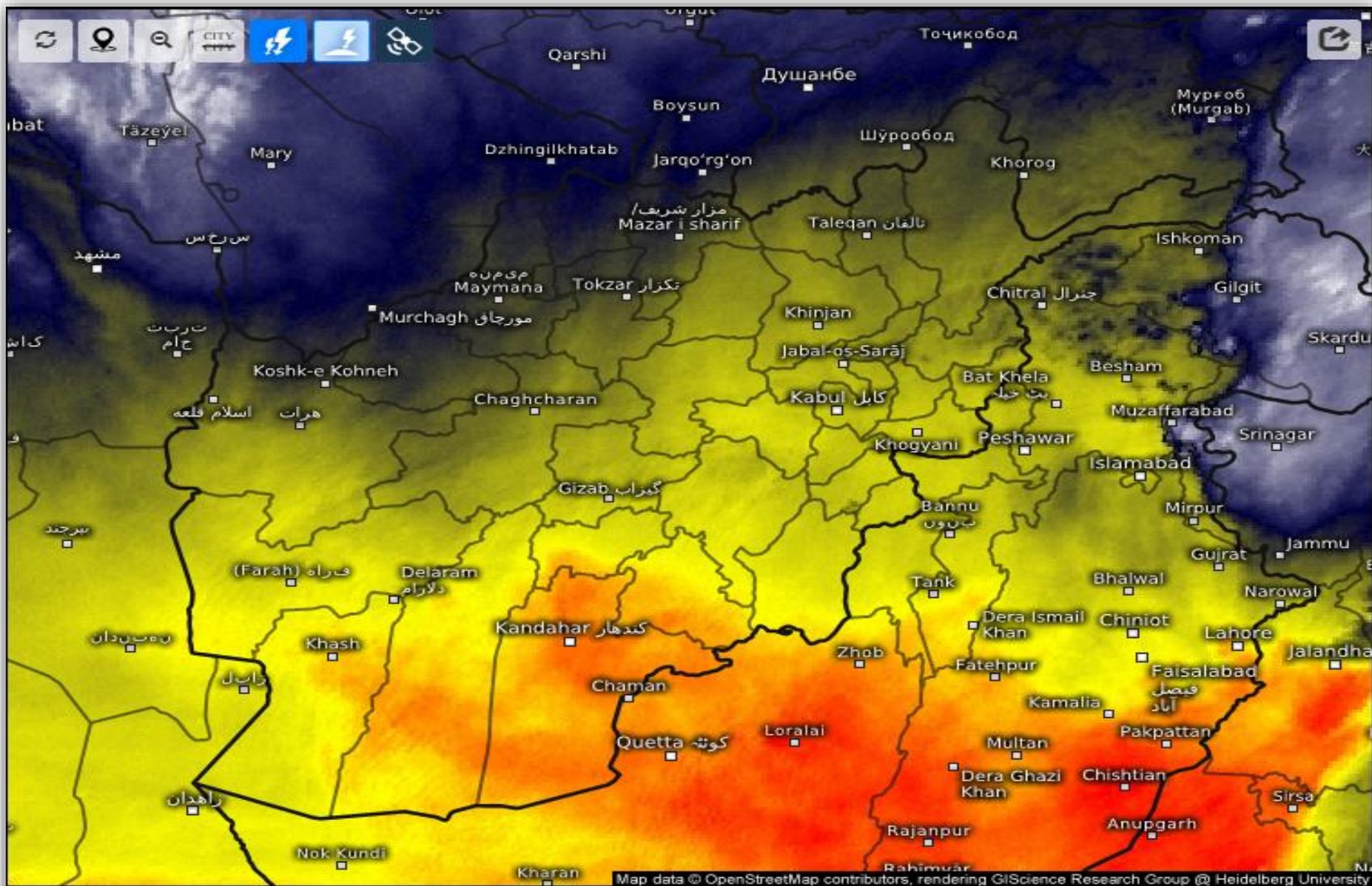
FY-4B CloudsConvection RGB Composite (From WMO)



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

13-06-2026/(0415 to 0441) GMT  
13-06-2026/(0945 to 1011) IST





## Satellite Water Vapor

Sat 06/13/2026, 10:00am GMT+0430

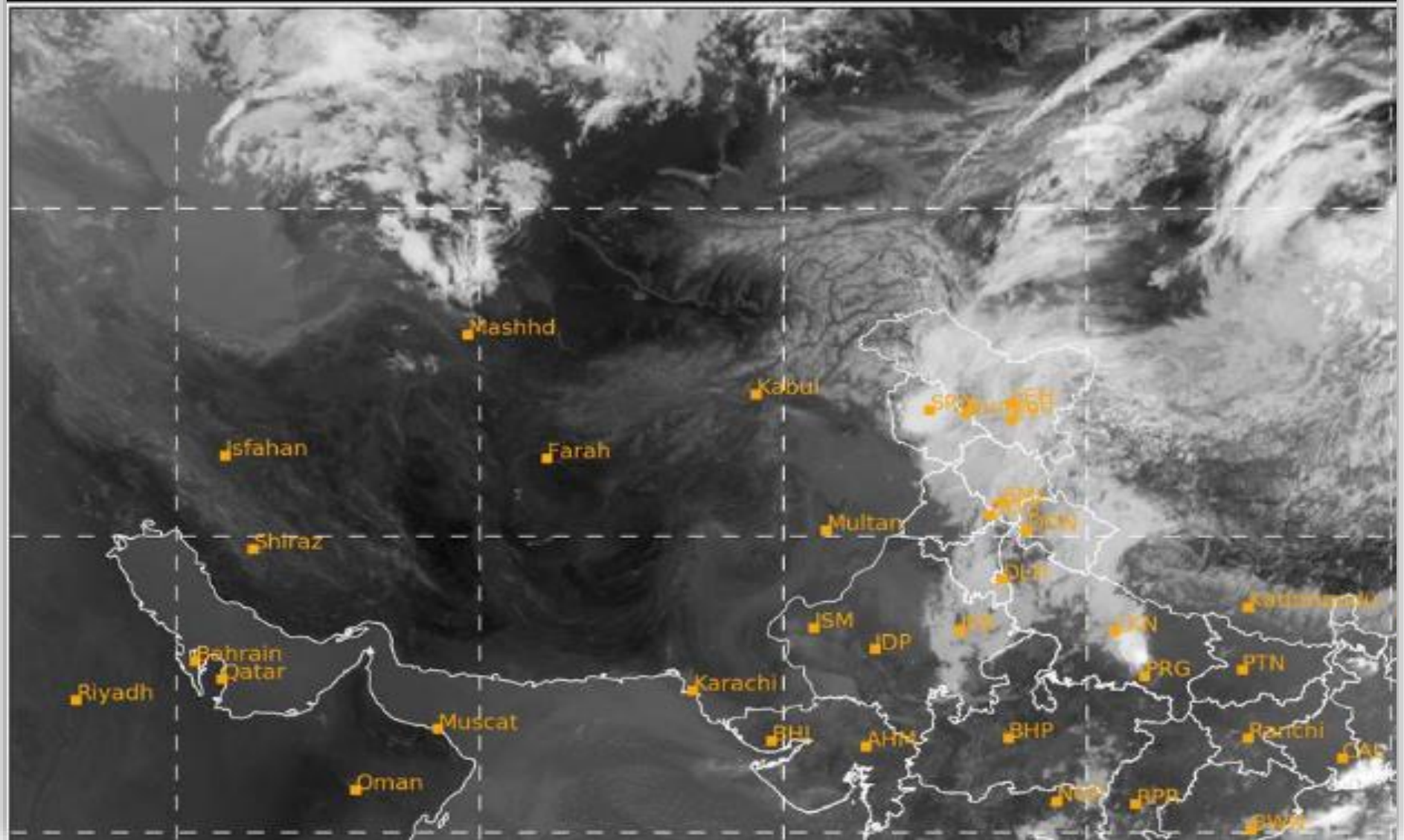


wet/cold

dry/warm

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

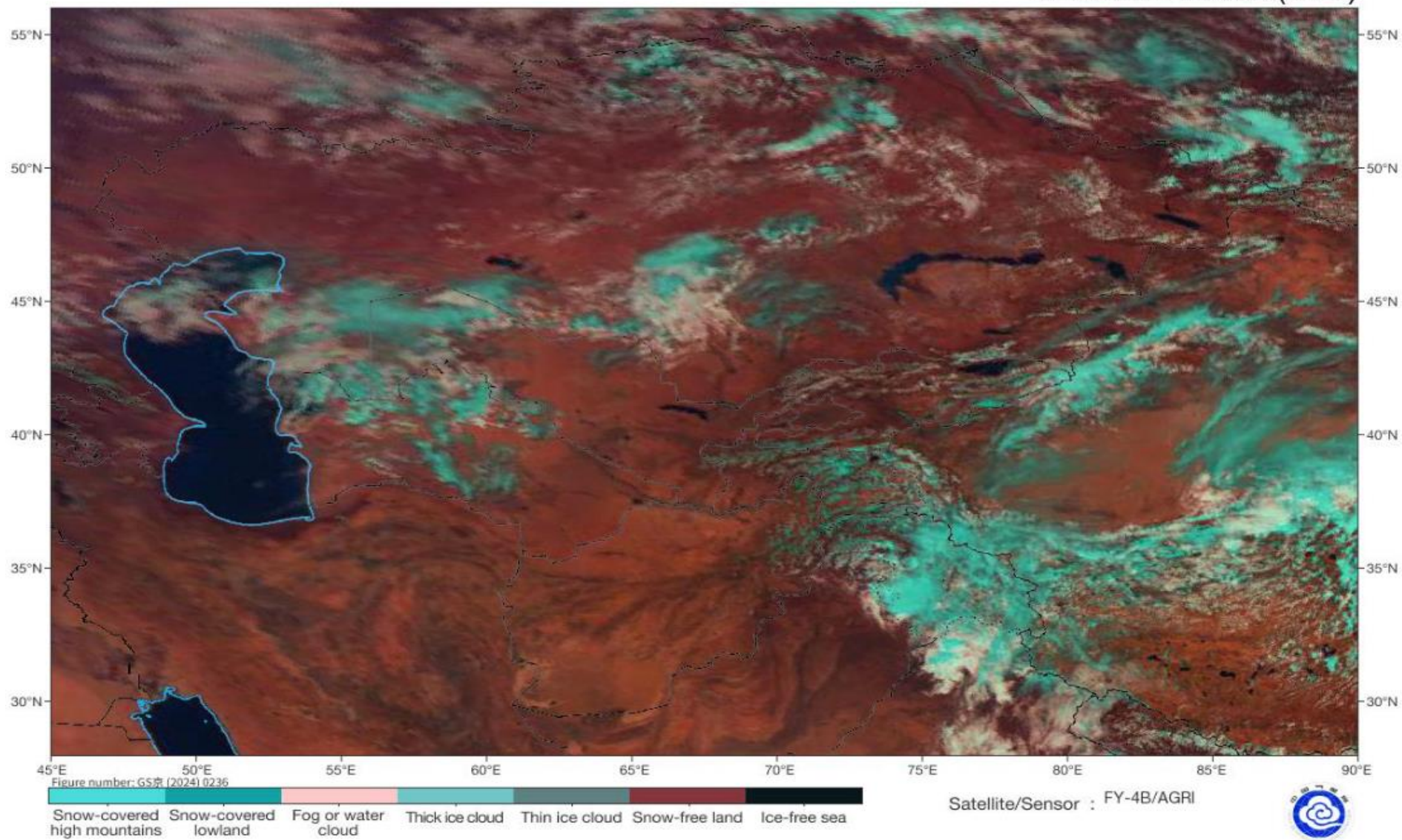
13-06-2026/(0415 to 0441) GMT  
13-06-2026/(0945 to 1011) IST

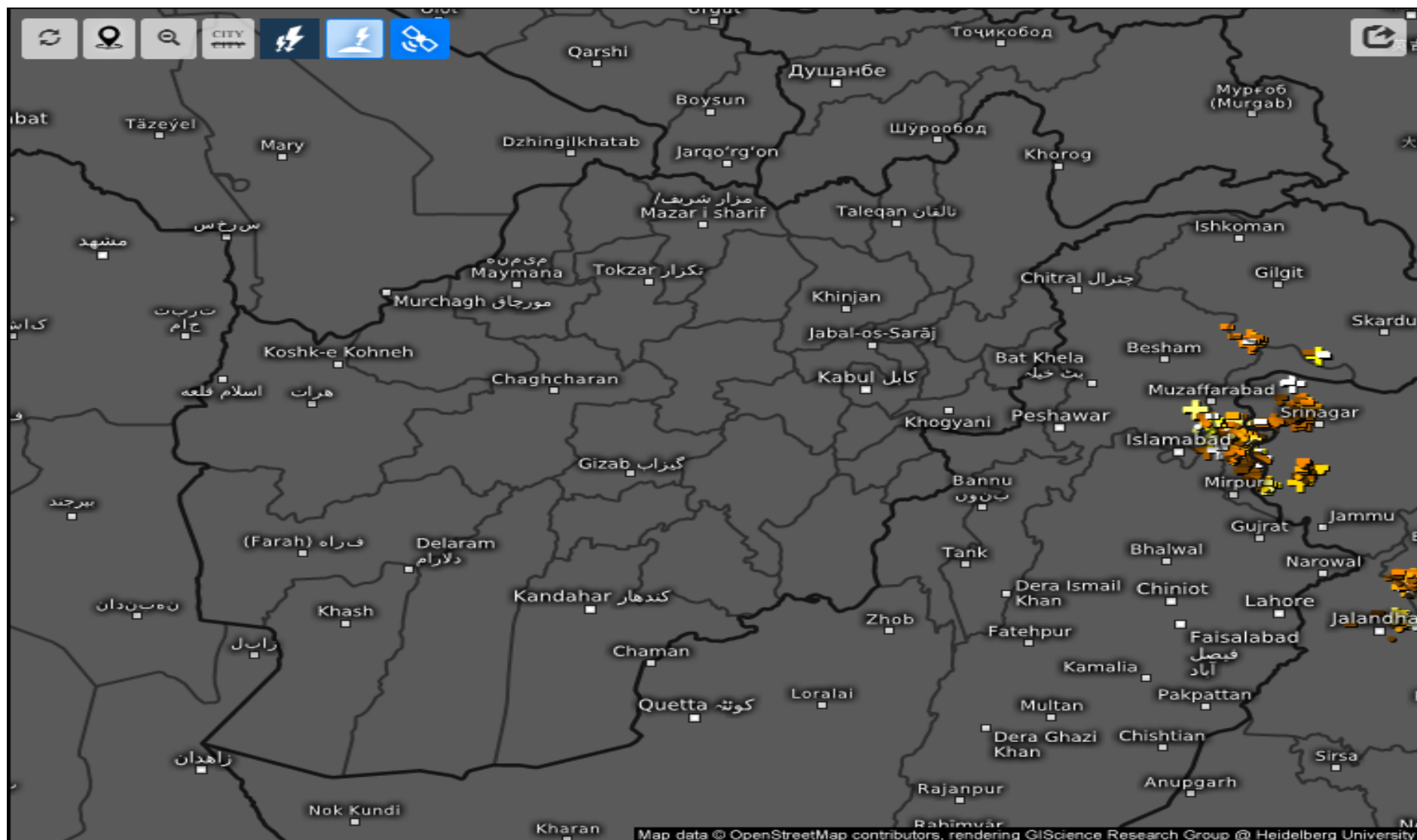




# Fog Identification

2026-06-13 05:30(UTC)





Age of lightning (minutes) 

Sat 06/13/2026, 10:15am GMT+0430

