



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



**Daily reports of Satellite imagery analysis. Date & Time: 11-06-2026, 06:00 UTC**

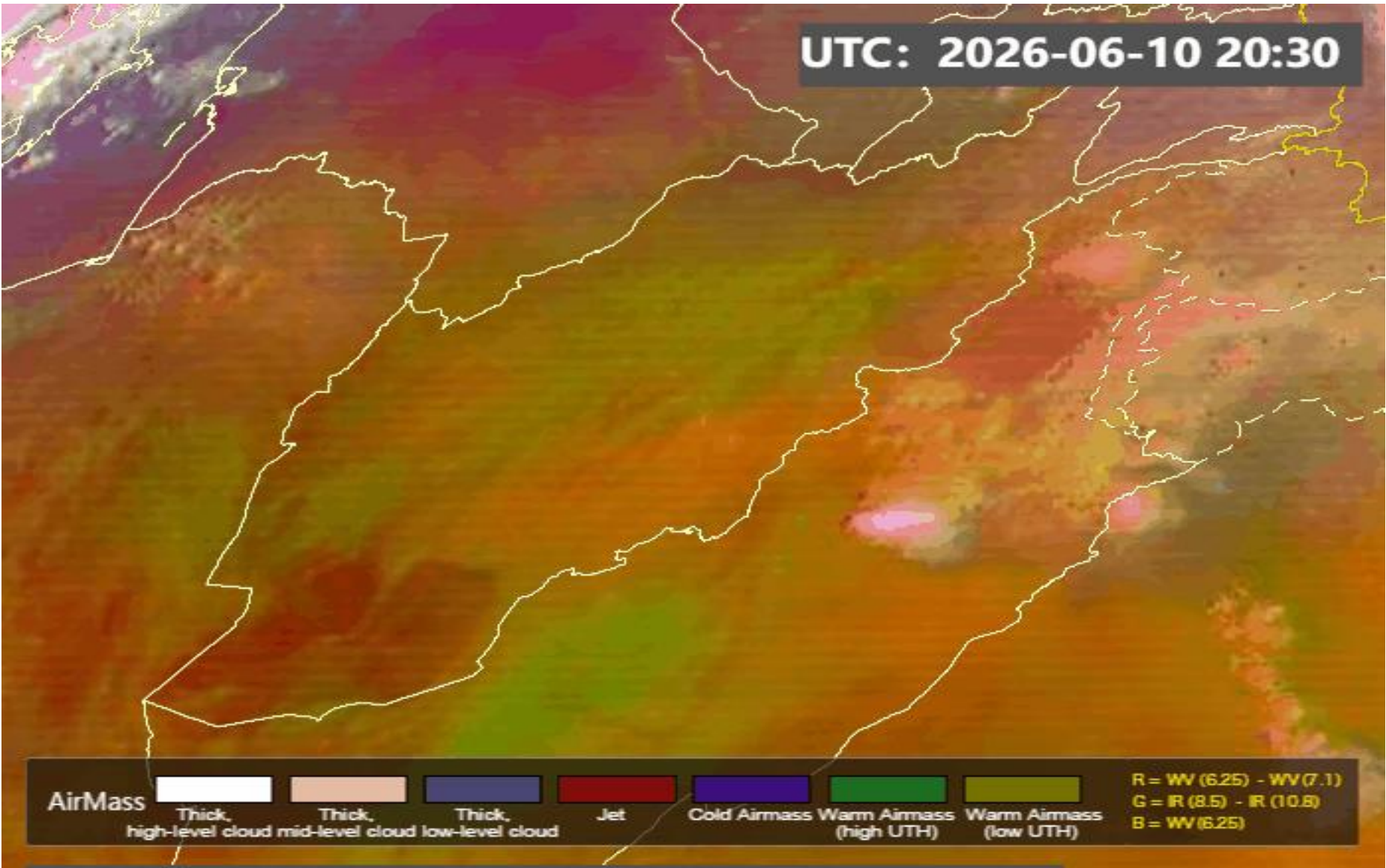
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓ weak	X	X	
2	South	✓	light	X	X	X	✓ Dry/warm	X	X	
3	West	✓	Moderate	X	X	X	✓ Dry/warm	X	X	
4	East	✓	X	X	X	X	✓ weak	X	X	
5	central	✓	light	X	✓	X	✓ weak	X	X	
6	Northeast	✓	X	X	✓	X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

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

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

Reported by: Esmatullah Mohammadi

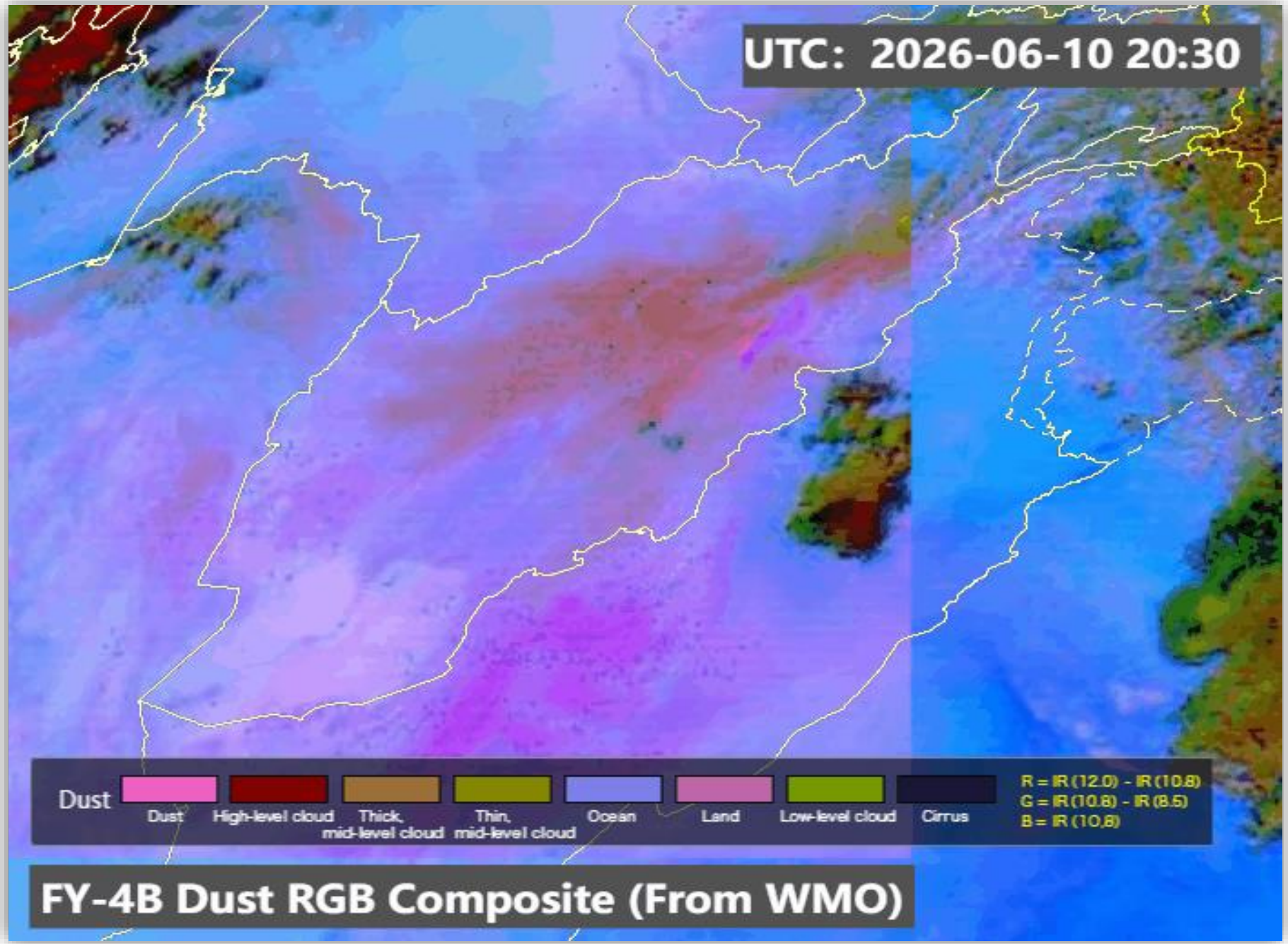
UTC: 2026-06-10 20:30



**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: 2026-06-10 20:30

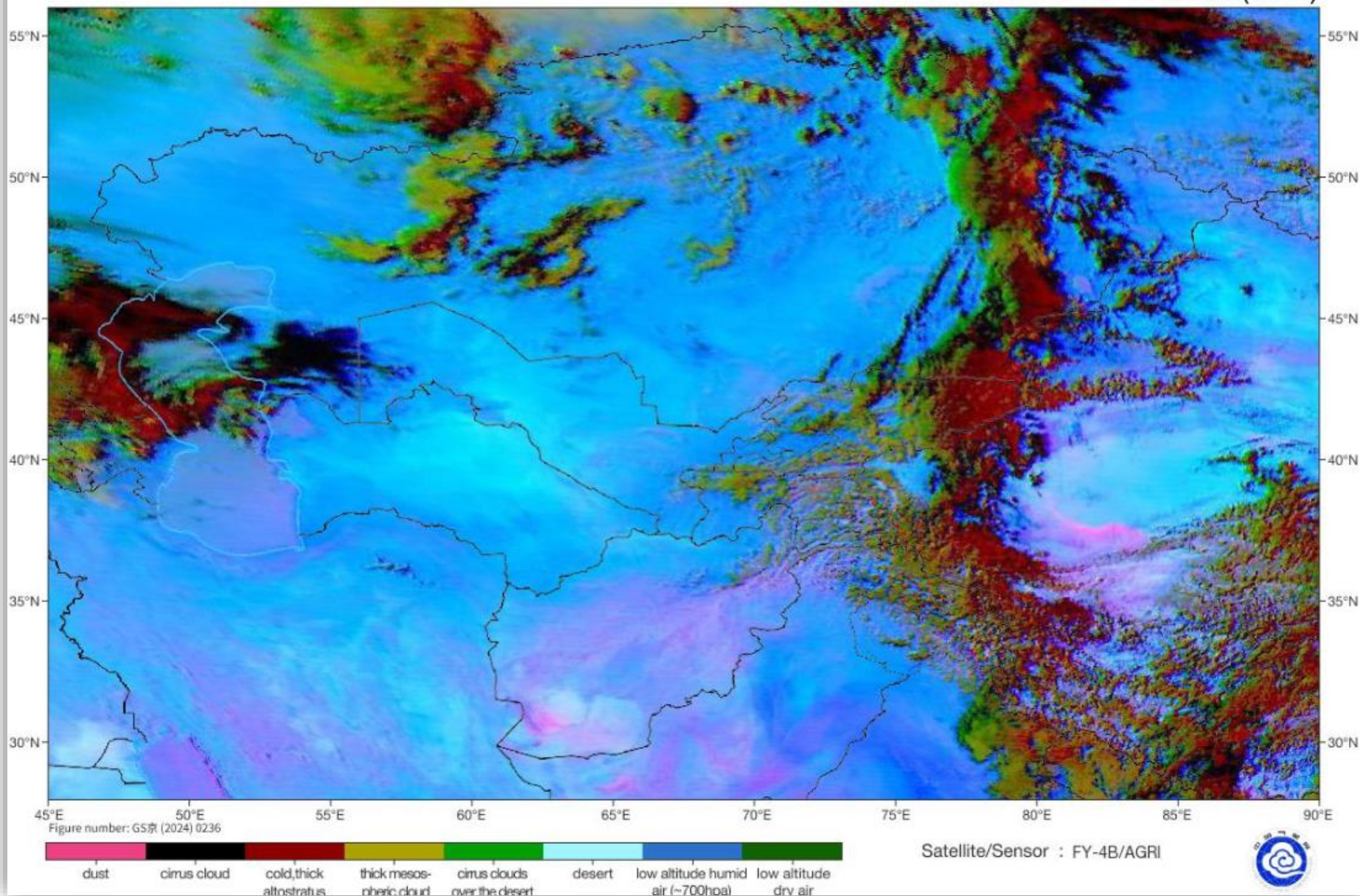


<b>Dust</b>									<b>R = IR (12.0) - IR (10.8)</b>
	Dust	High-level cloud	Thick, mid-level cloud	Thin, mid-level cloud	Ocean	Land	Low-level cloud	Cirrus	<b>G = IR (10.8) - IR (8.5)</b>
									<b>B = IR (10.8)</b>

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

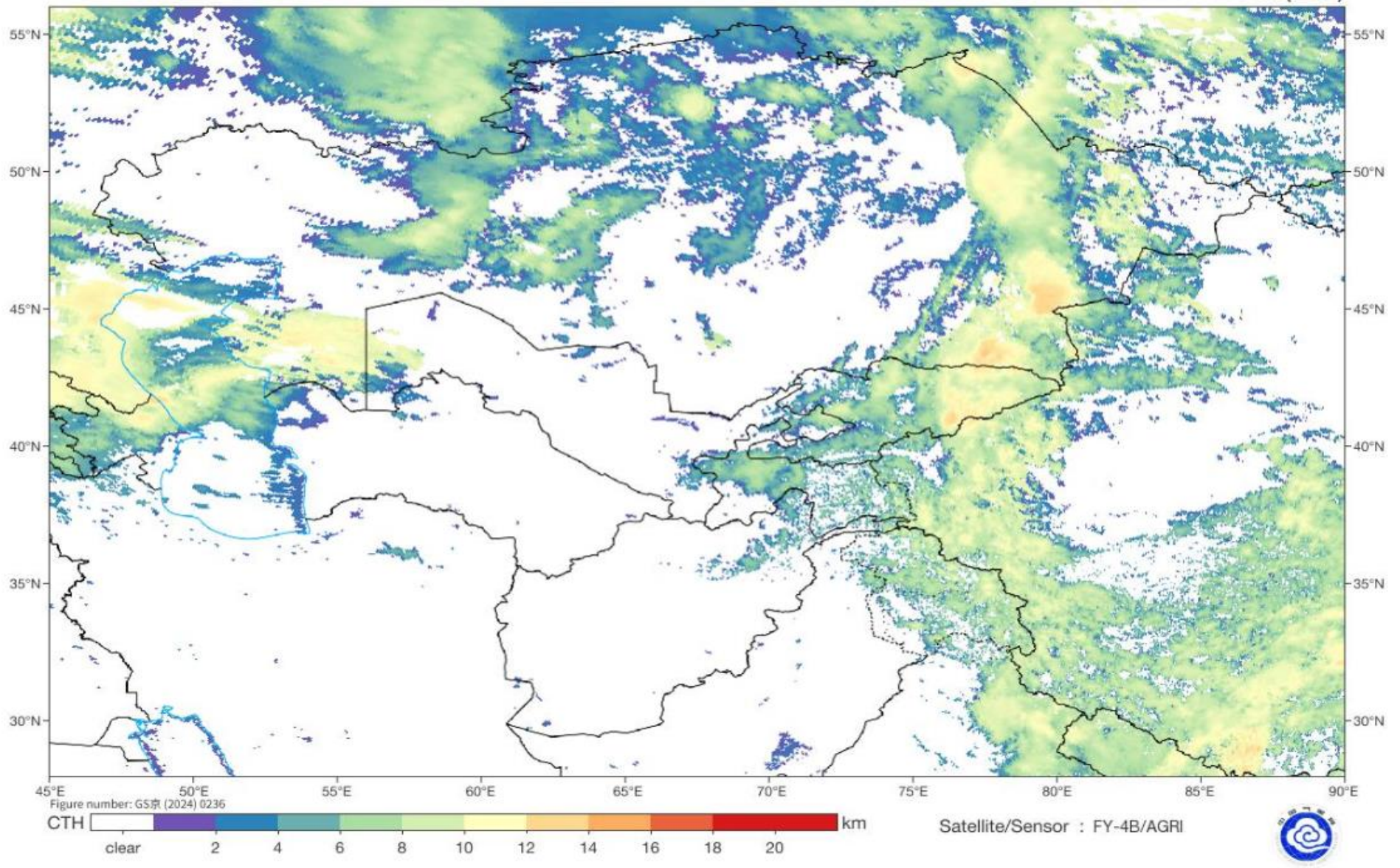
# Sand And Dust Identification

2026-06-11 05:30(UTC)

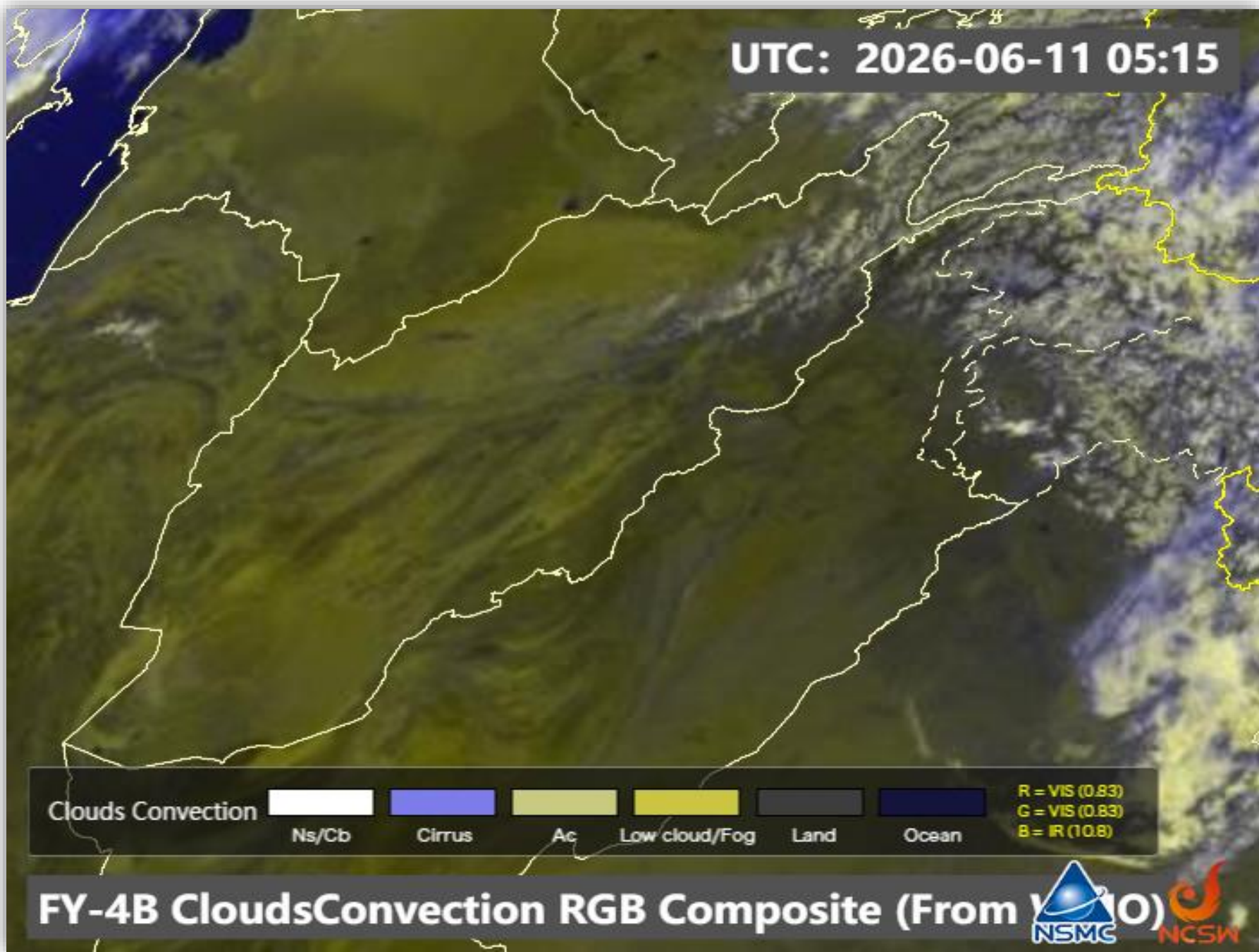


# Cloud Top Height

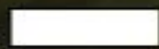
2026-06-11 05:30(UTC)



UTC: 2026-06-11 05:15



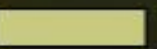
Clouds Convection



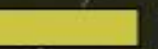
Ns/Cb



Cirrus



Ac



Low cloud/Fog



Land



Ocean

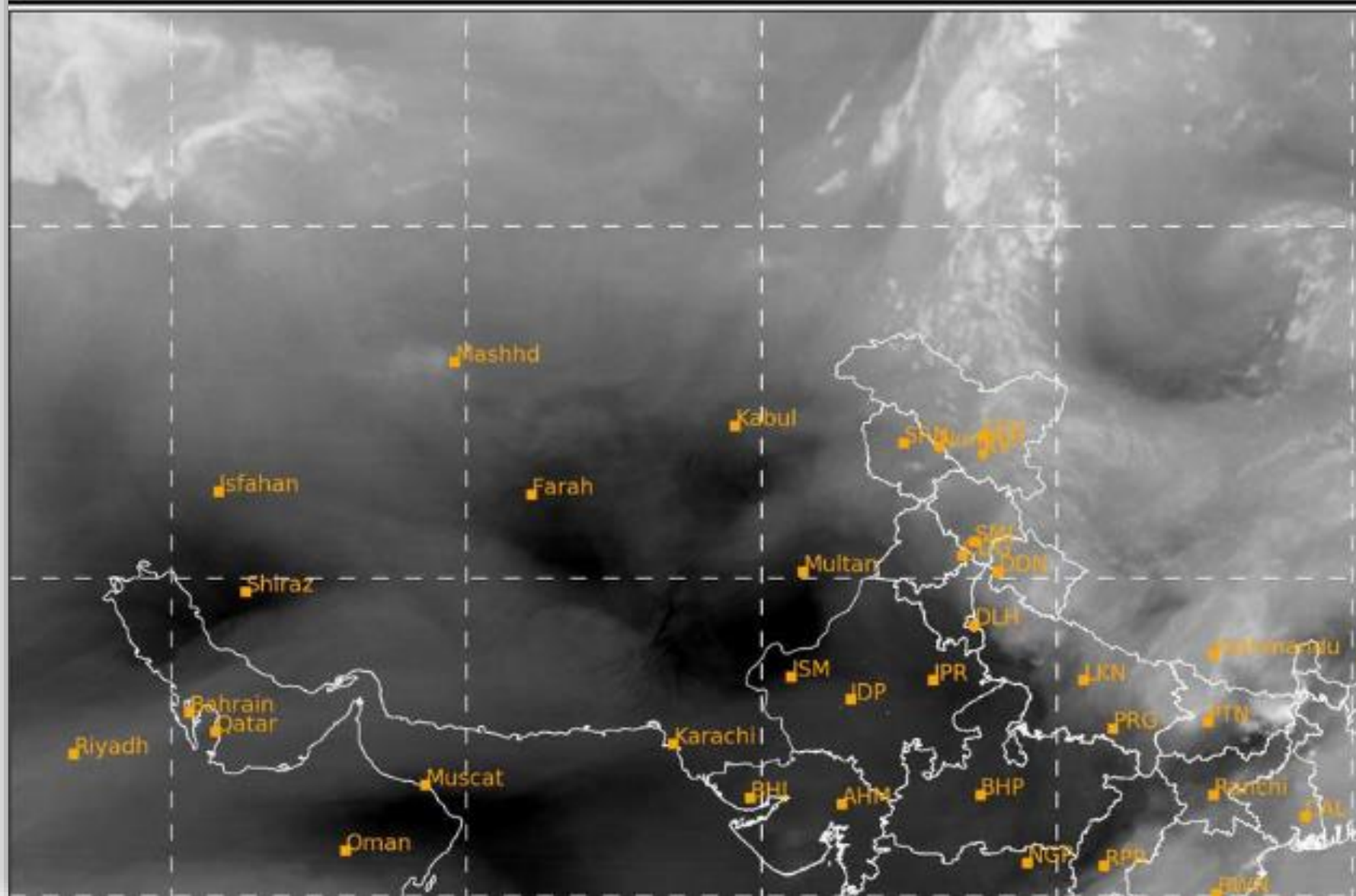
R = VIS (0.83)  
G = VIS (0.83)  
B = IR (10.8)

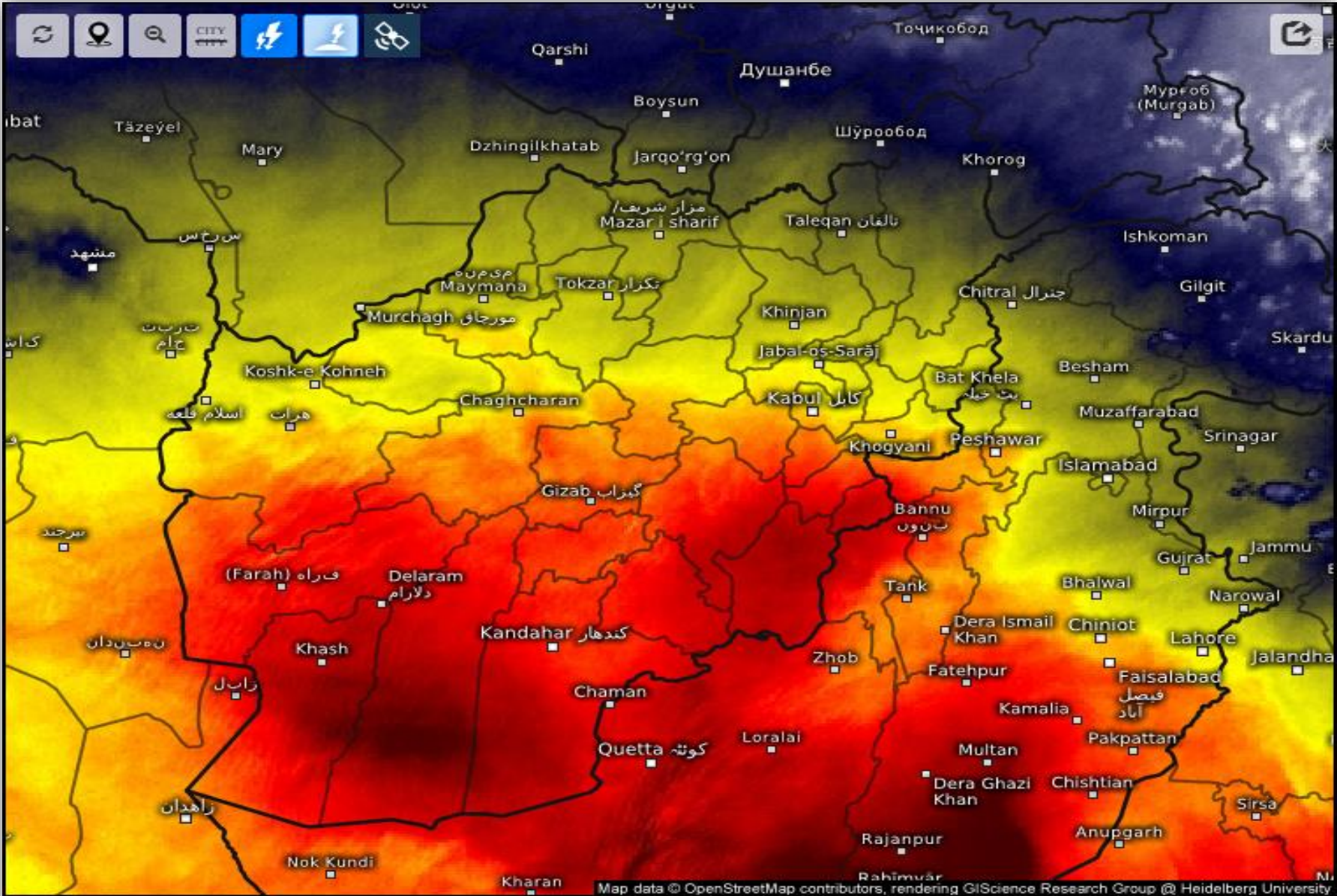
FY-4B CloudsConvection RGB Composite (From



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

11-06-2026/(0445 to 0512) GMT  
11-06-2026/(1015 to 1042) IST





## Satellite Water Vapor

Thu 06/11/2026, 10:00am GMT+0430

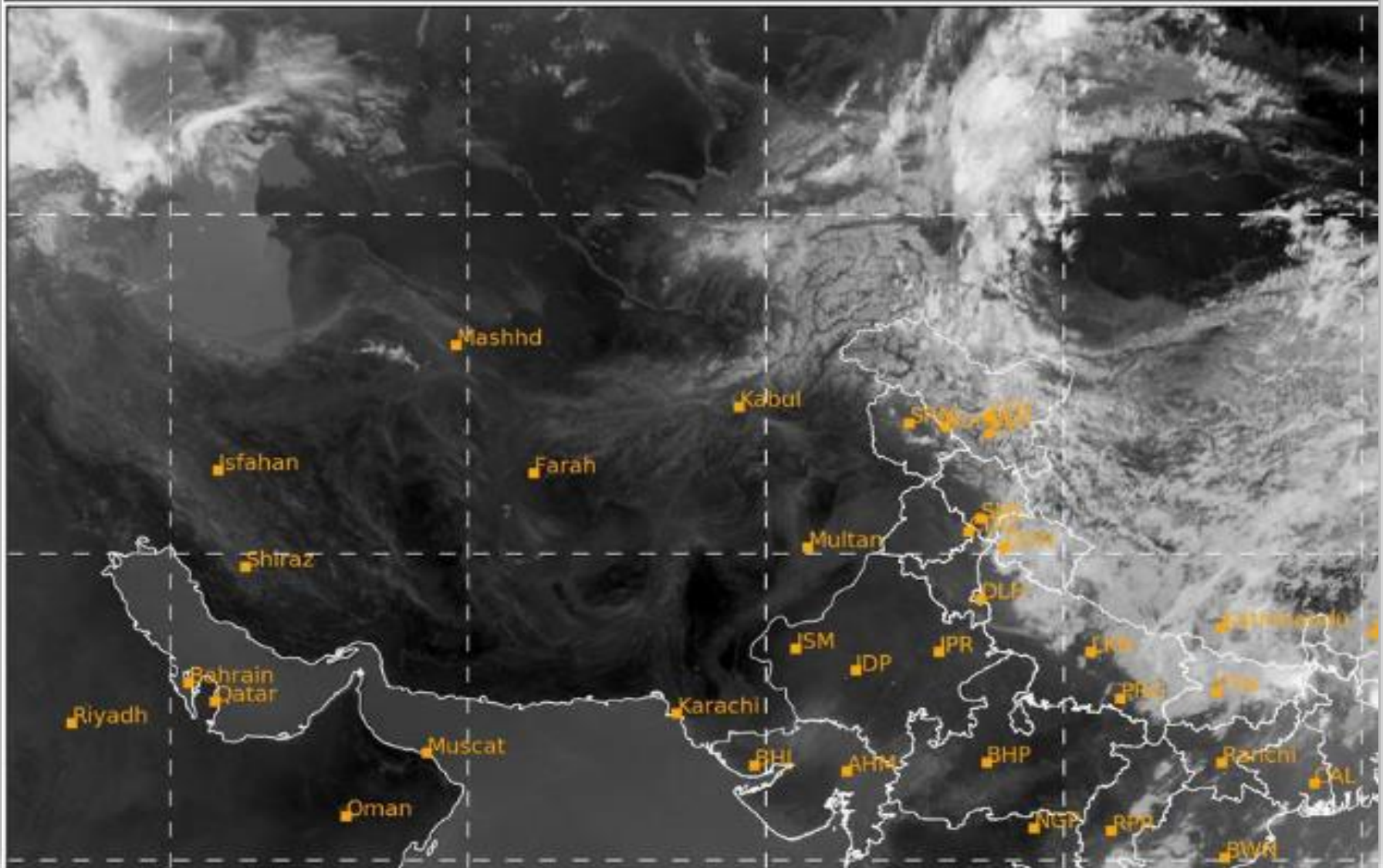


wet/cold

dry/warm

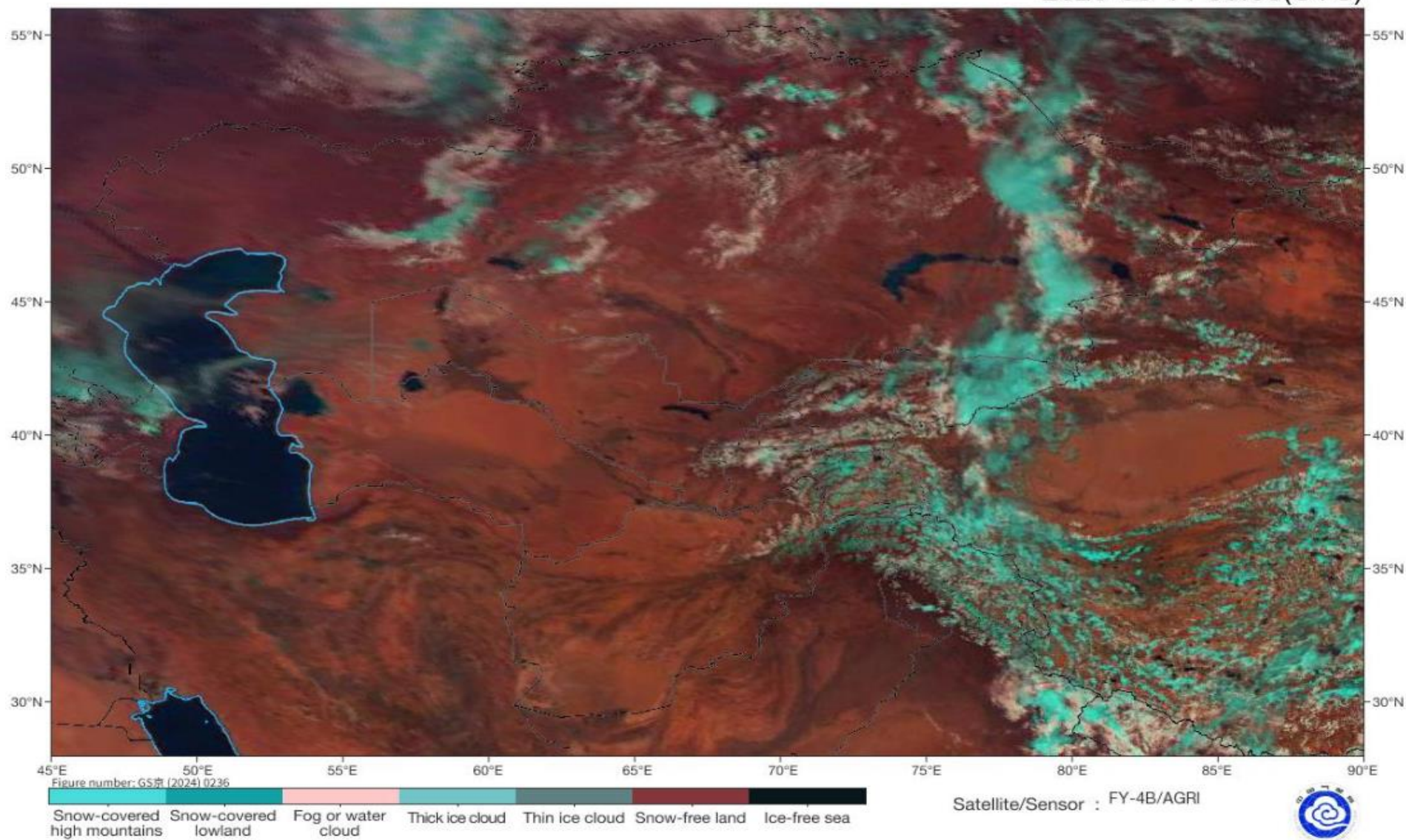
SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
L1C Mercator

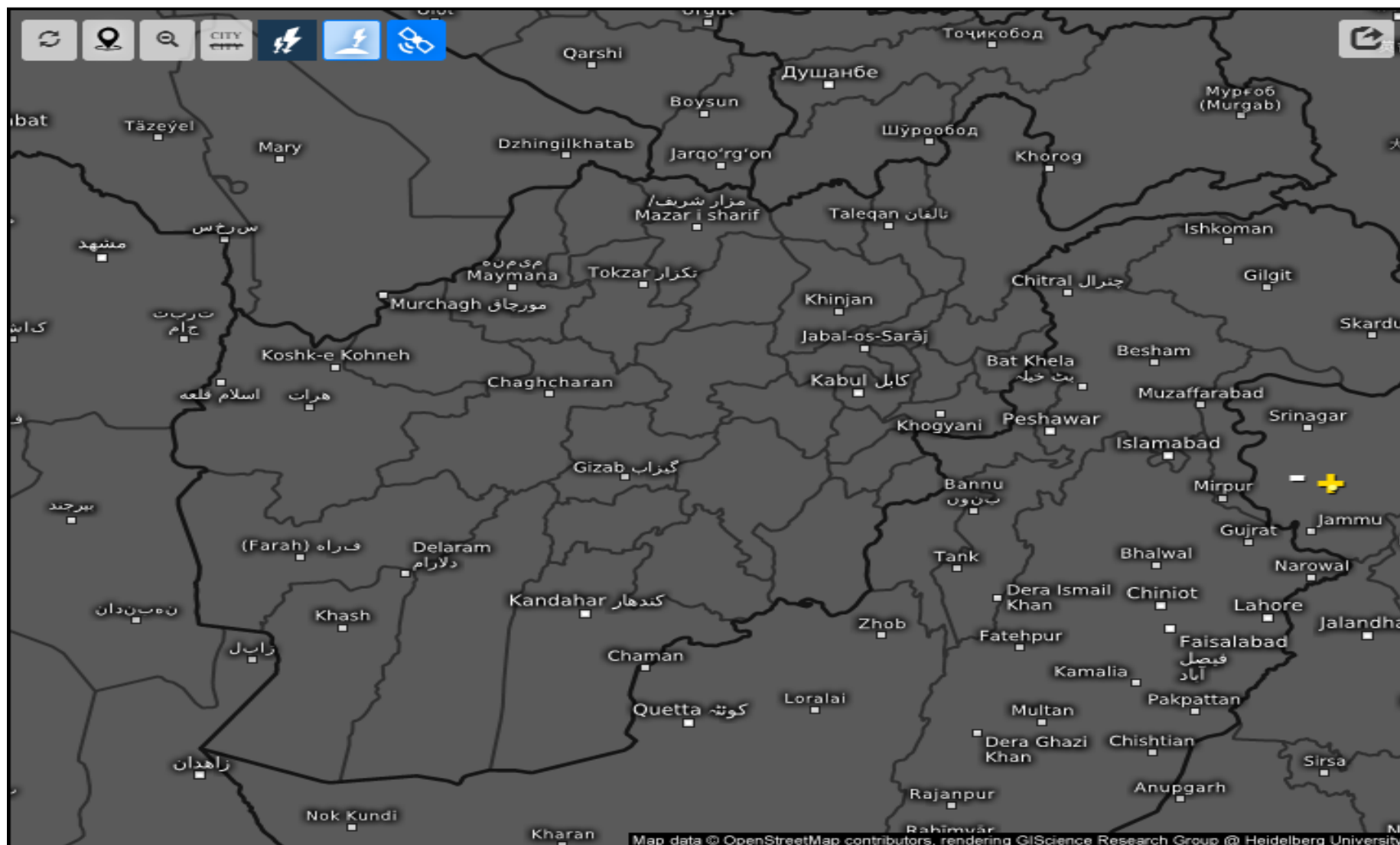
11-06-2026/(0445 to 0512) GMT  
11-06-2026/(1015 to 1042) IST



# Fog Identification

2026-06-11 05:30(UTC)





### Age of lightning (minutes) i

Thu 06/11/2026, 10:20am GMT+0430

