



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



Daily reports of Satellite imagery analysis. Date & Time: 17/05/2026, 03:00 UTC

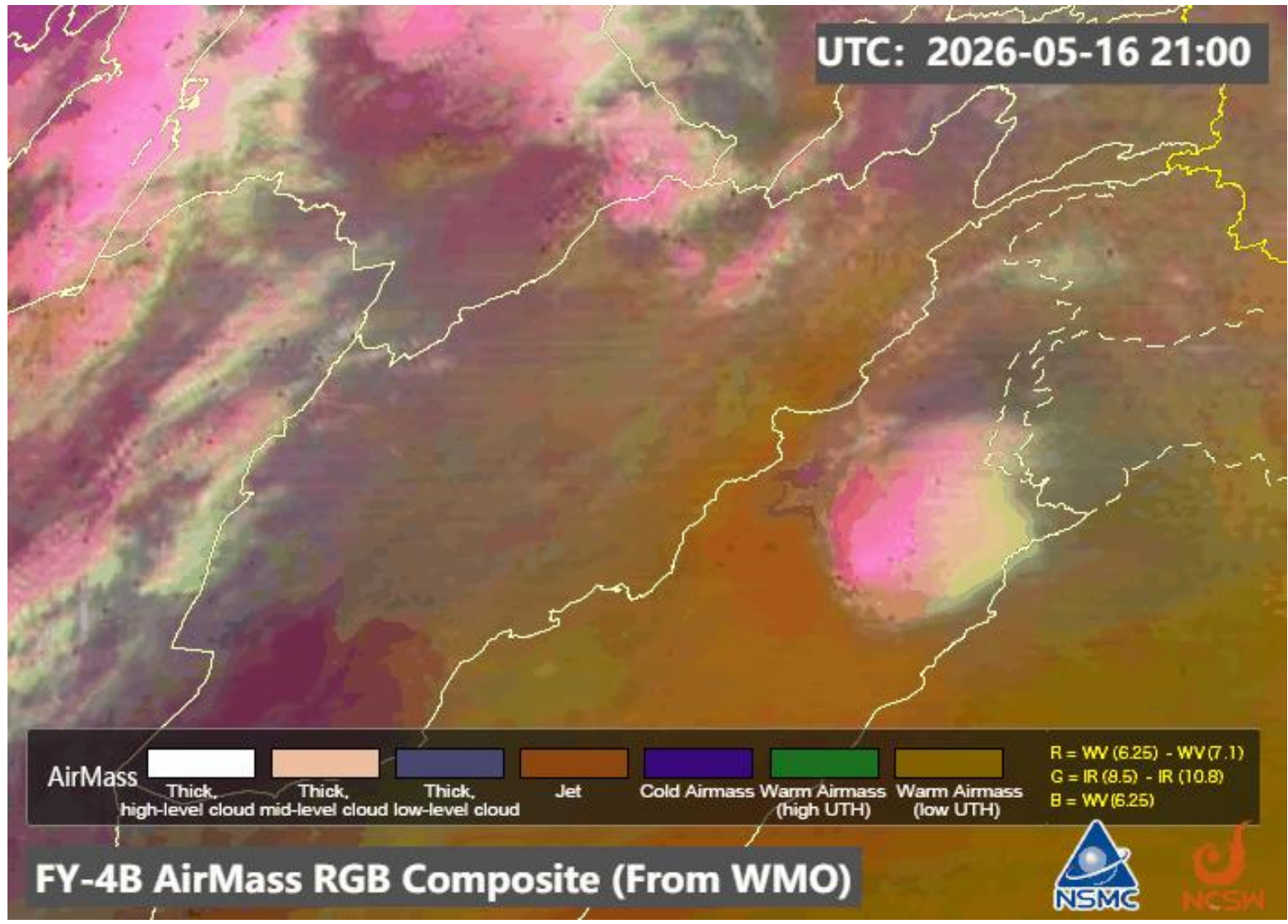
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ Moderate	X	X	
2	South	✓	✓	X	X	X	✓ Moderate	X	X	
3	West	✓	✓	X	✓	X	✓ Moderate	X	X	
4	East	✓	X	X	✓	X	✓ Moderate	X	X	
5	central	✓	✓	X	X	X	✓ Moderate	X	X	
6	Northeast	✓	X	X	✓	X	✓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

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

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

- Reported by: Sayed Taher Atlas

UTC: 2026-05-16 21:00



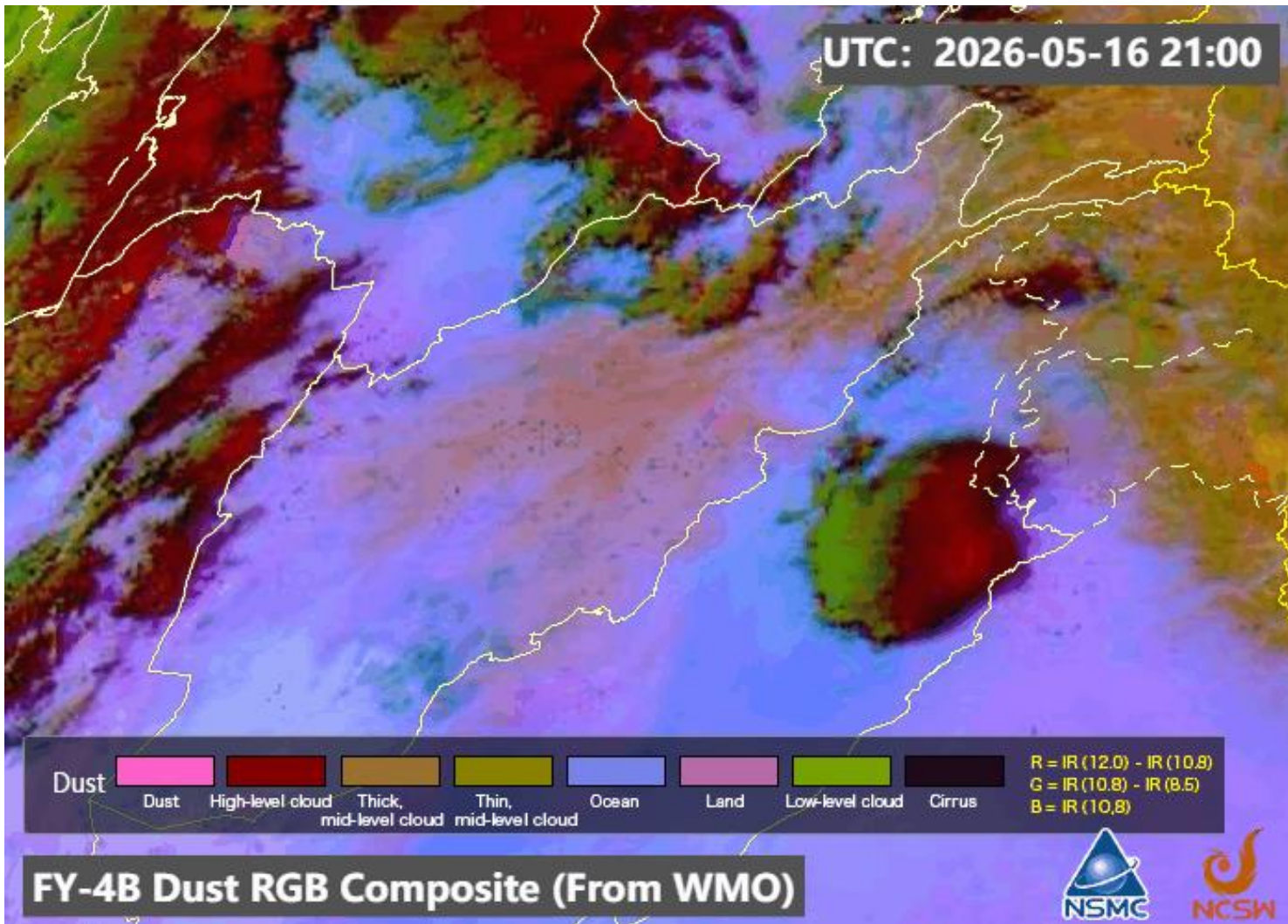
**AirMass**

							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 (9.5) - IR (10.8)
							B = WV (6.25)

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

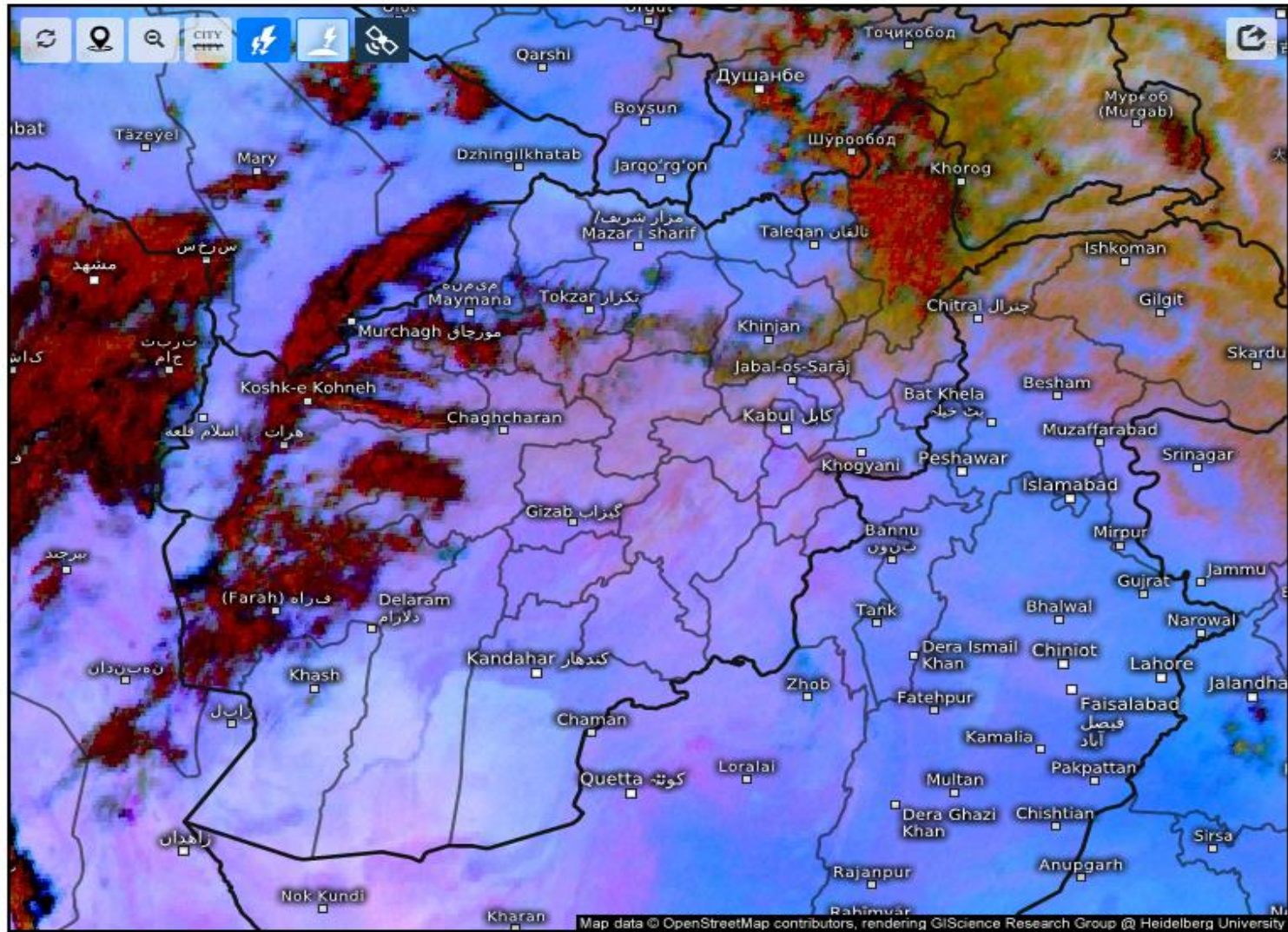


UTC: 2026-05-16 21:00



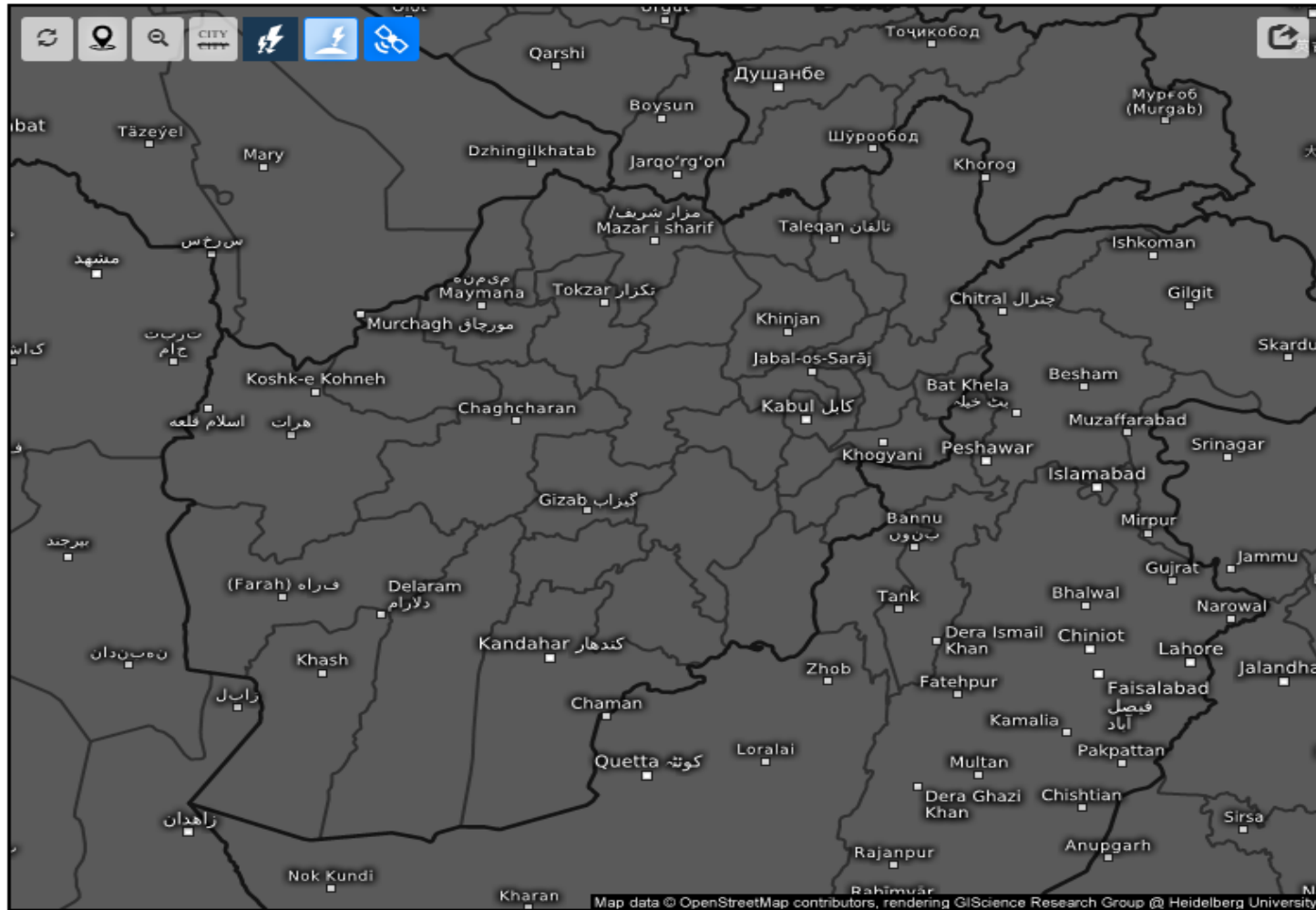
**FY-4B Dust RGB Composite (From WMO)**





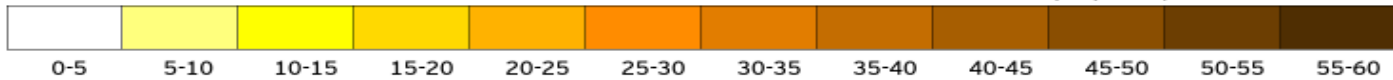
Satellite Dust 

Sun 05/17/2026, 07:30am GMT+0430



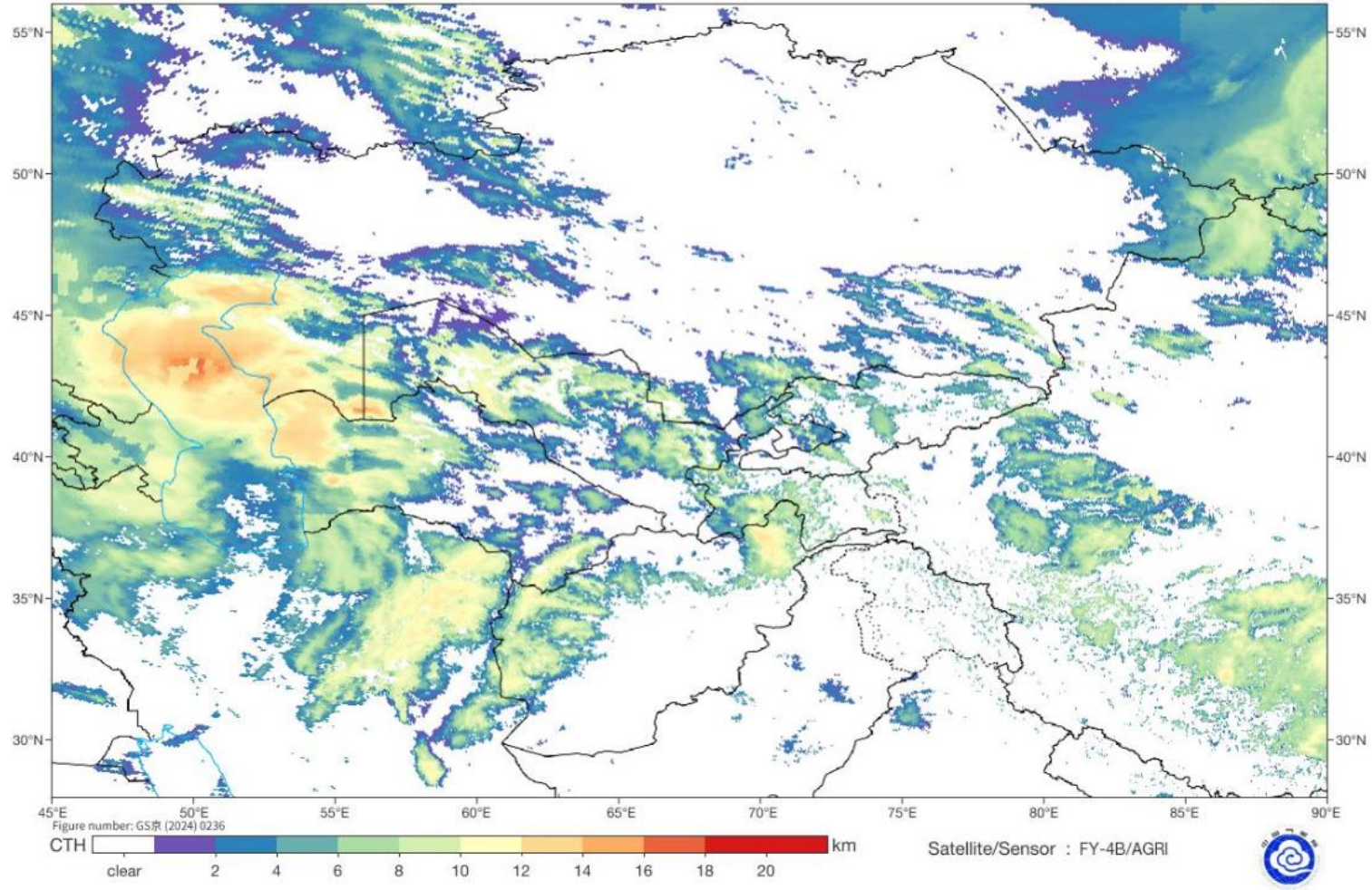
Age of lightning (minutes) 

Sun 05/17/2026, 07:30am GMT+0430

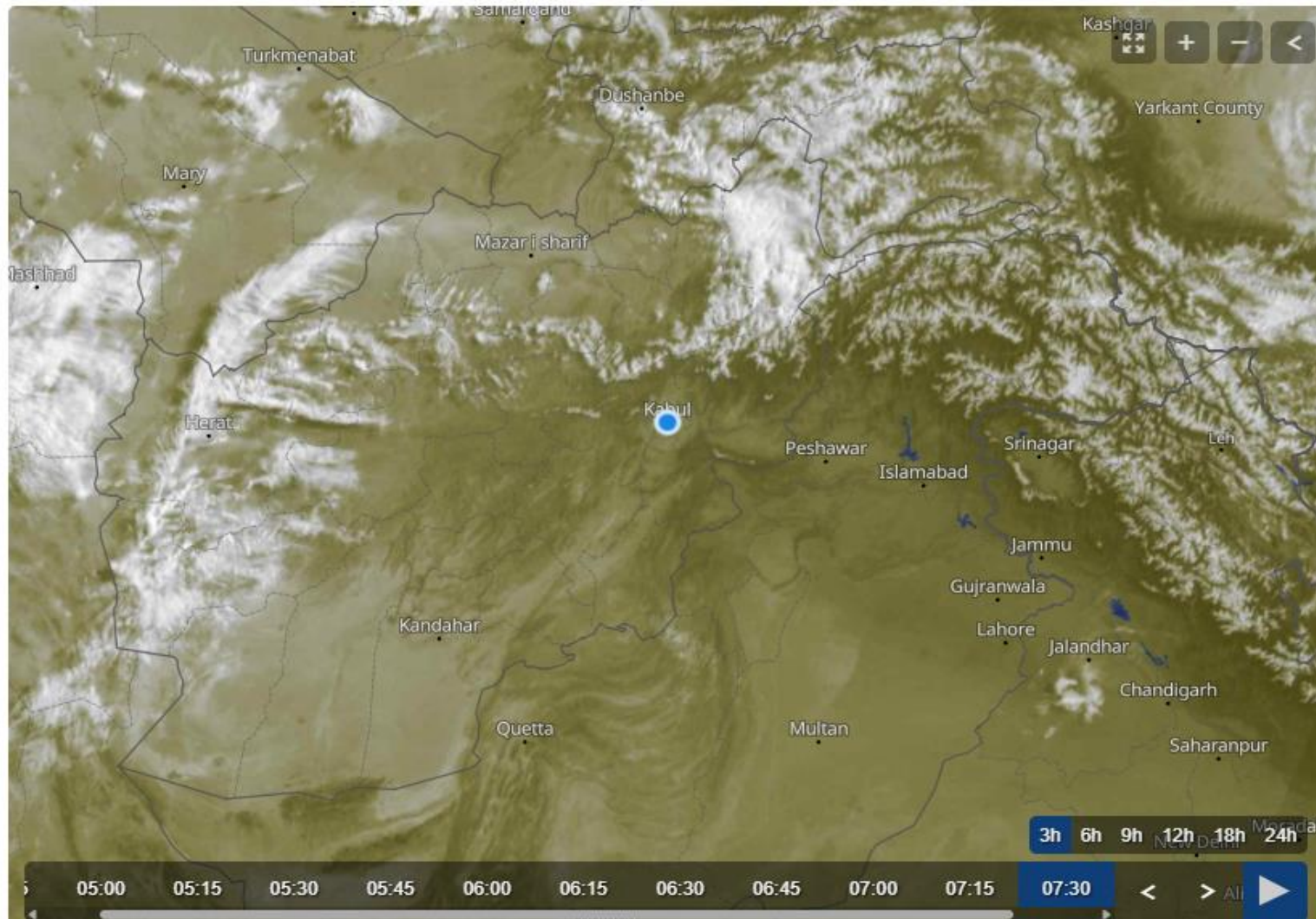


# Cloud Top Height

2026-05-17 02:45(UTC)

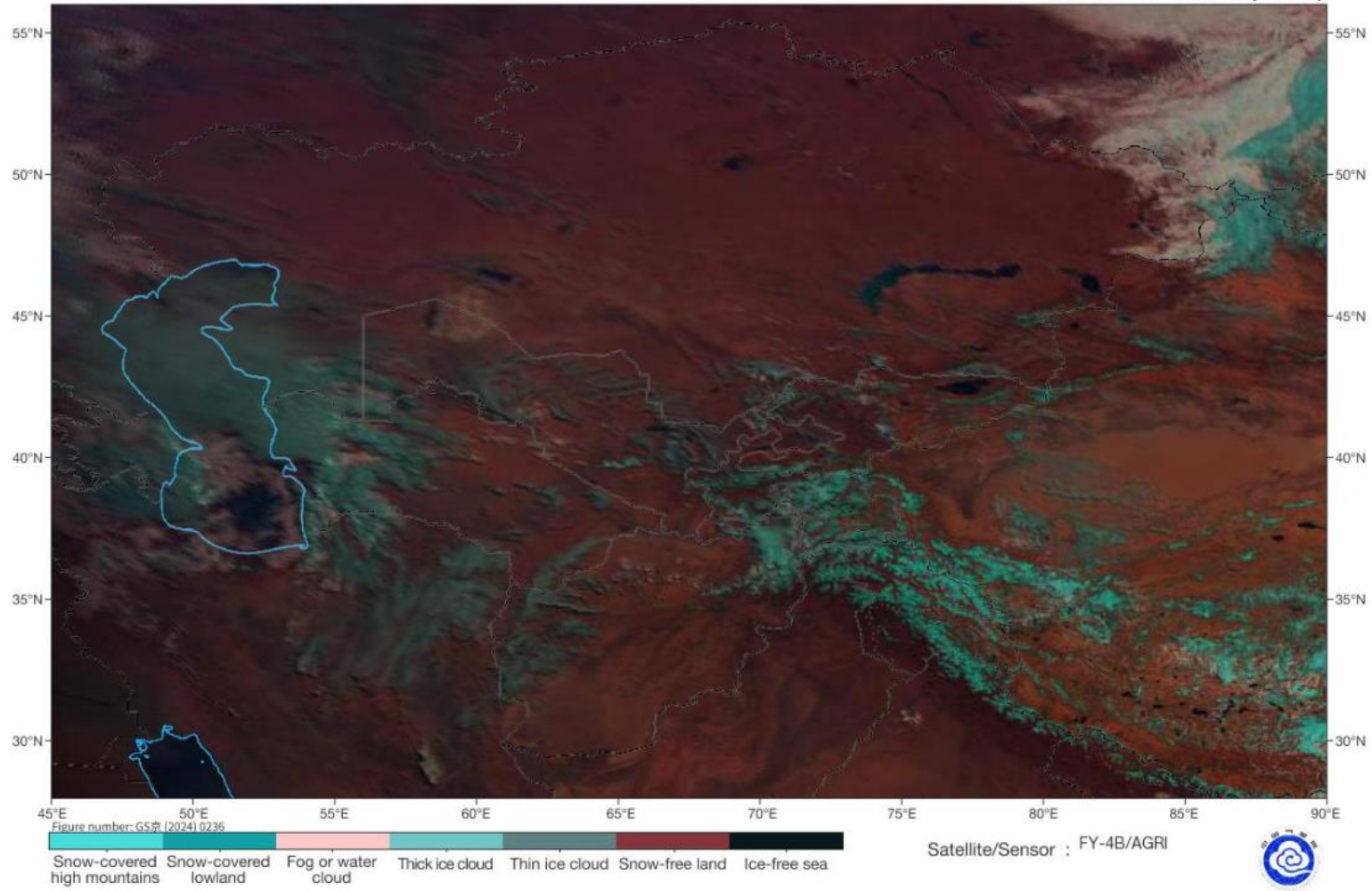


## Live satellite map, Afghanistan



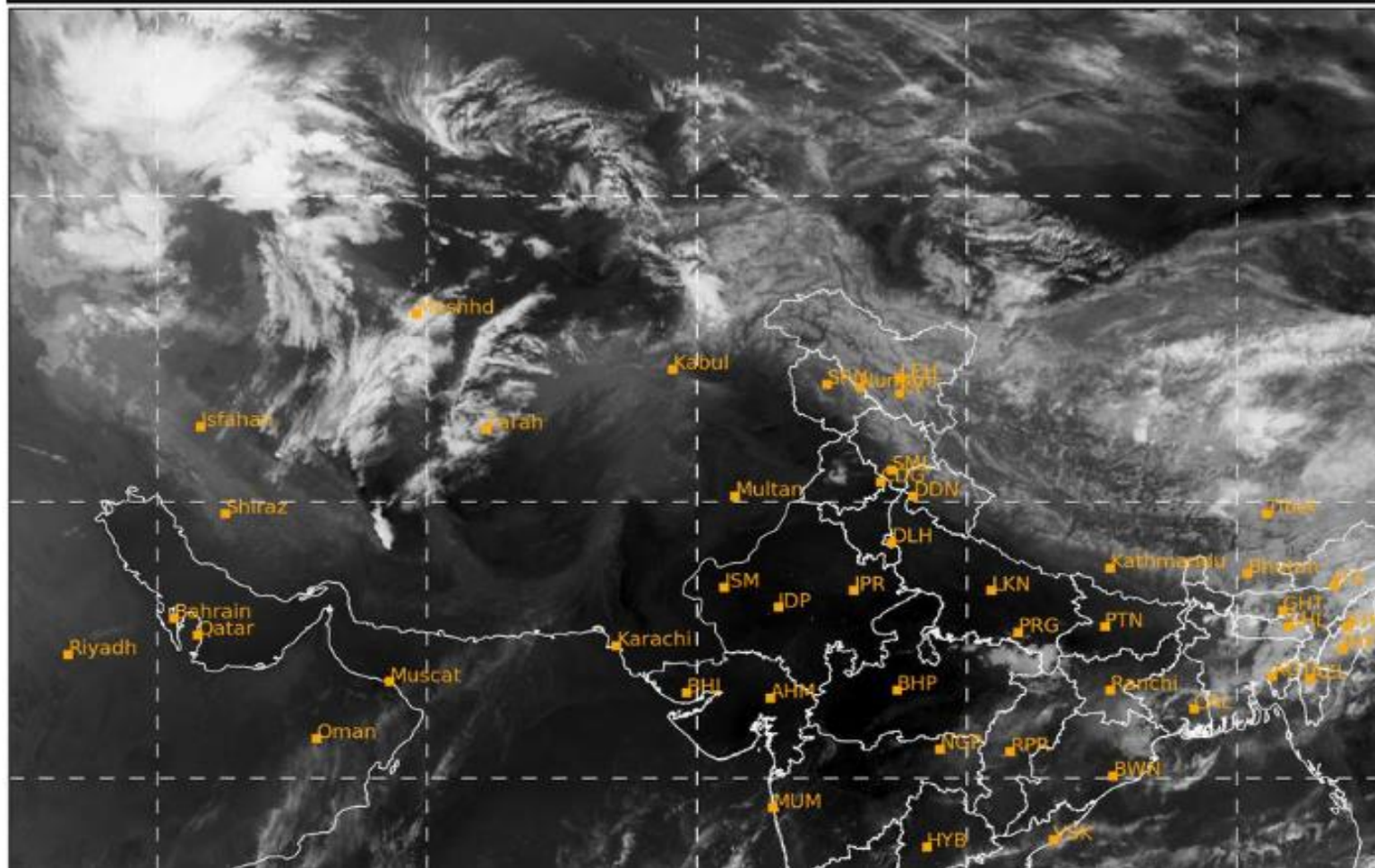
# Fog Identification

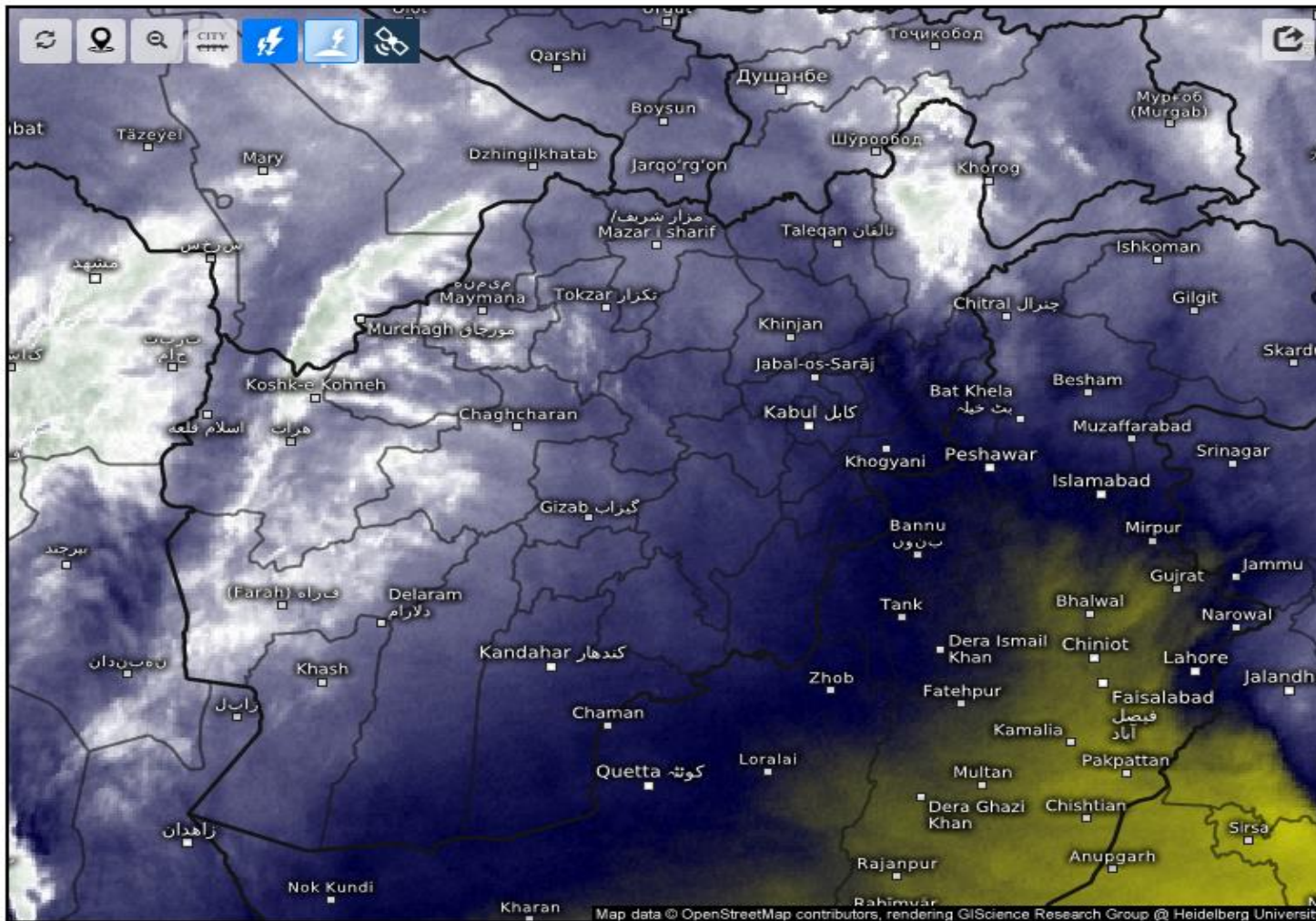
2026-05-17 03:00(UTC)



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

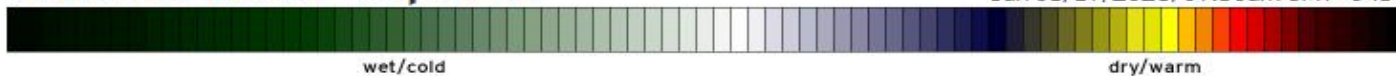
17-05-2026/(0215 to 0242) GMT  
17-05-2026/(0745 to 0812) IST





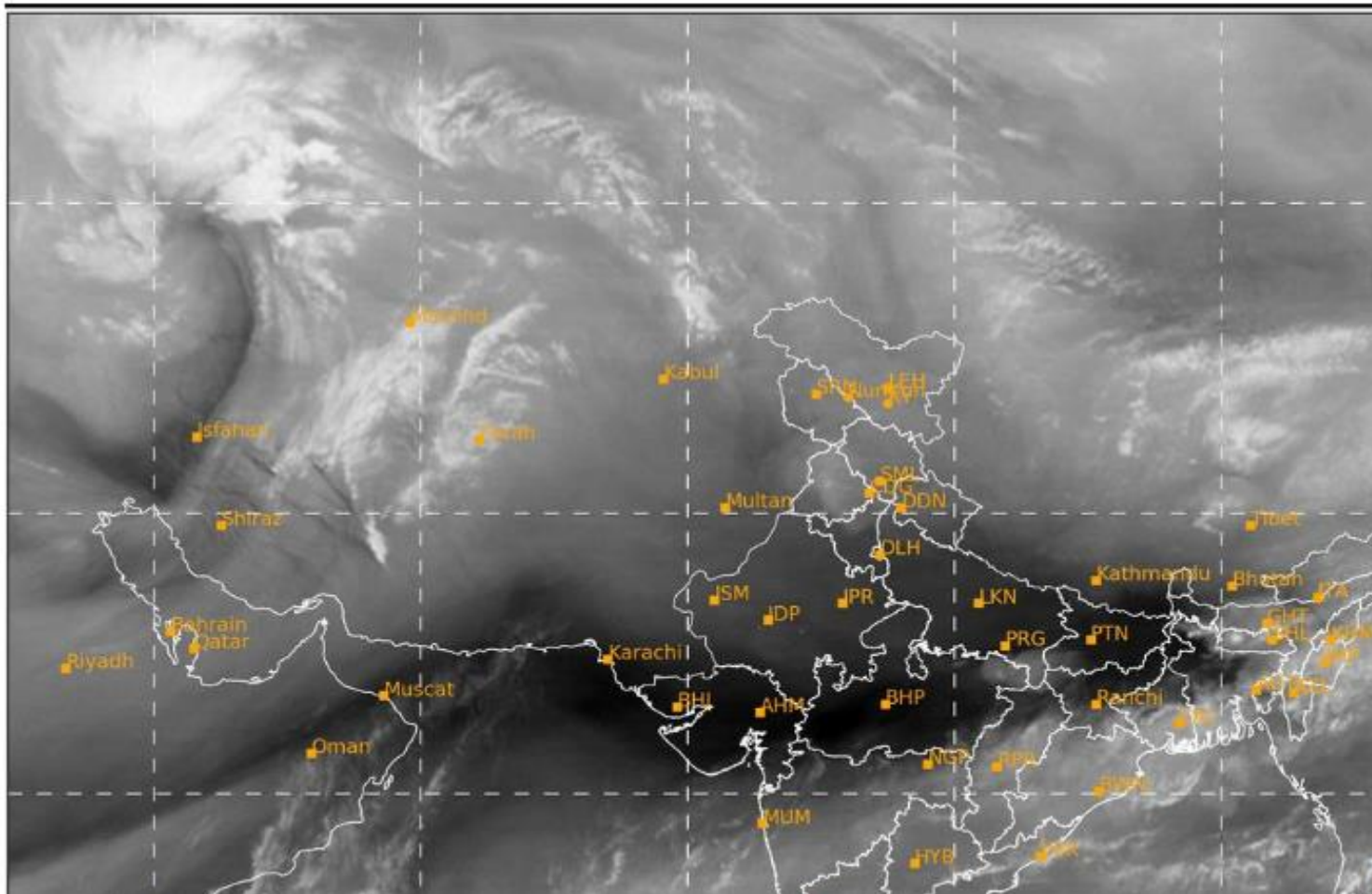
## Satellite Water Vapor

Sun 05/17/2026, 07:30am GMT+0430



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

17-05-2026/(0215 to 0242) GMT  
17-05-2026/(0745 to 0812) IST



# Land Surface Temperature

2026-05-17 03:15(UTC)

