



Islamic Emirate of Afghanistan
Ministry of Transport & Aviation
Afghanistan meteorological Department
Forecast Division



Satellite General Management

Daily reports of Satellite imagery analysis. Date & Time: 30/11/2025, 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	√ moderate	X	X	
2	South	X	X	X	X	X	√ weak	X	X	
3	West	X	✓	X	X	X	√ moderate	X	X	
4	East	X	X	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	X	√ moderate	X	X	

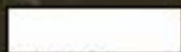
- Details:** According to satellite imagery analysis, the northern, central, northeastern, southeastern regions have warm air mass with (low UTH). The northwestern region have cold air mass. The western areas have dust. The all regions have moderate water vapor with the exception of southern region have weak water vapor.

Note: X (Not existing phenomena), √ (exist phenomena)

- Reported by: Esmatullah Mohammadi

UTC : 2025-11-29 20:30

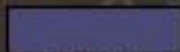
AirMass



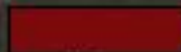
Thick,
high-level cloud



Thick,
mid-level cloud



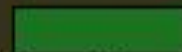
Thick,
low-level cloud



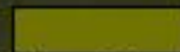
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

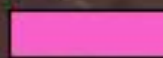
R = WV (6.2)
G = IR (8.5)
B = WV (6.2)

FY-4B AirMass RGB Composite (From WMO)

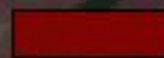


UTC : 2025-11-29 20:30

Dust



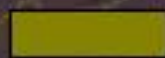
Dust



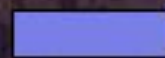
High-level cloud



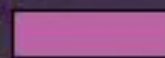
Thick,
mid-level cloud



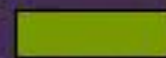
Thin,
mid-level cloud



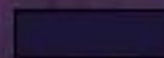
Ocean



Land



Low-level cloud

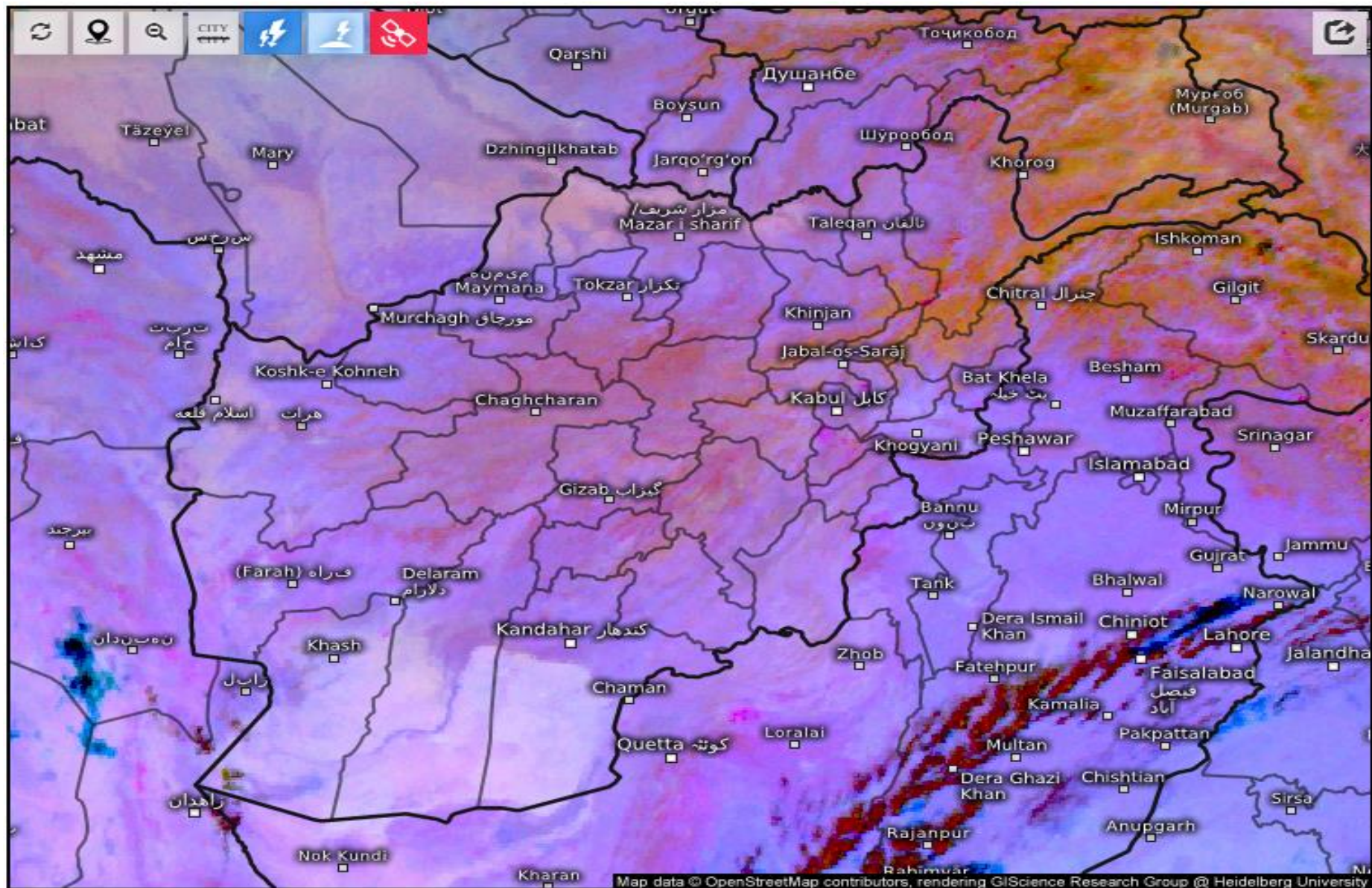


Cirrus

R = IR (12.0) - IR (10.8)
G = IR (10.8) - IR (6.5)
B = IR (10.8)

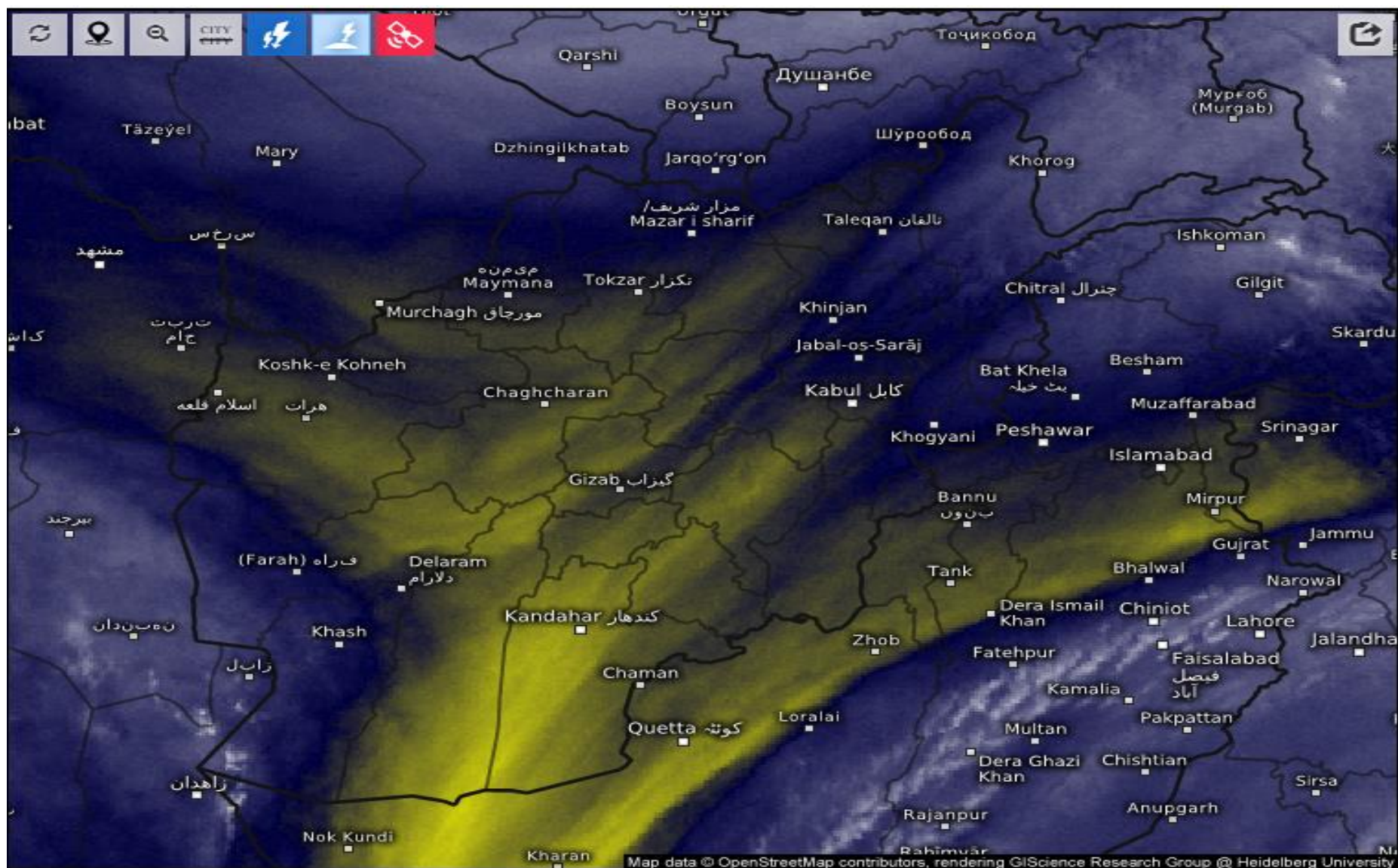
FY-4B Dust RGB Composite (From WMO)





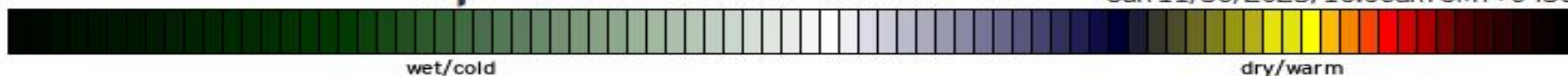
Satellite Dust 

Sun 11/30/2025, 10:00am GMT+0430



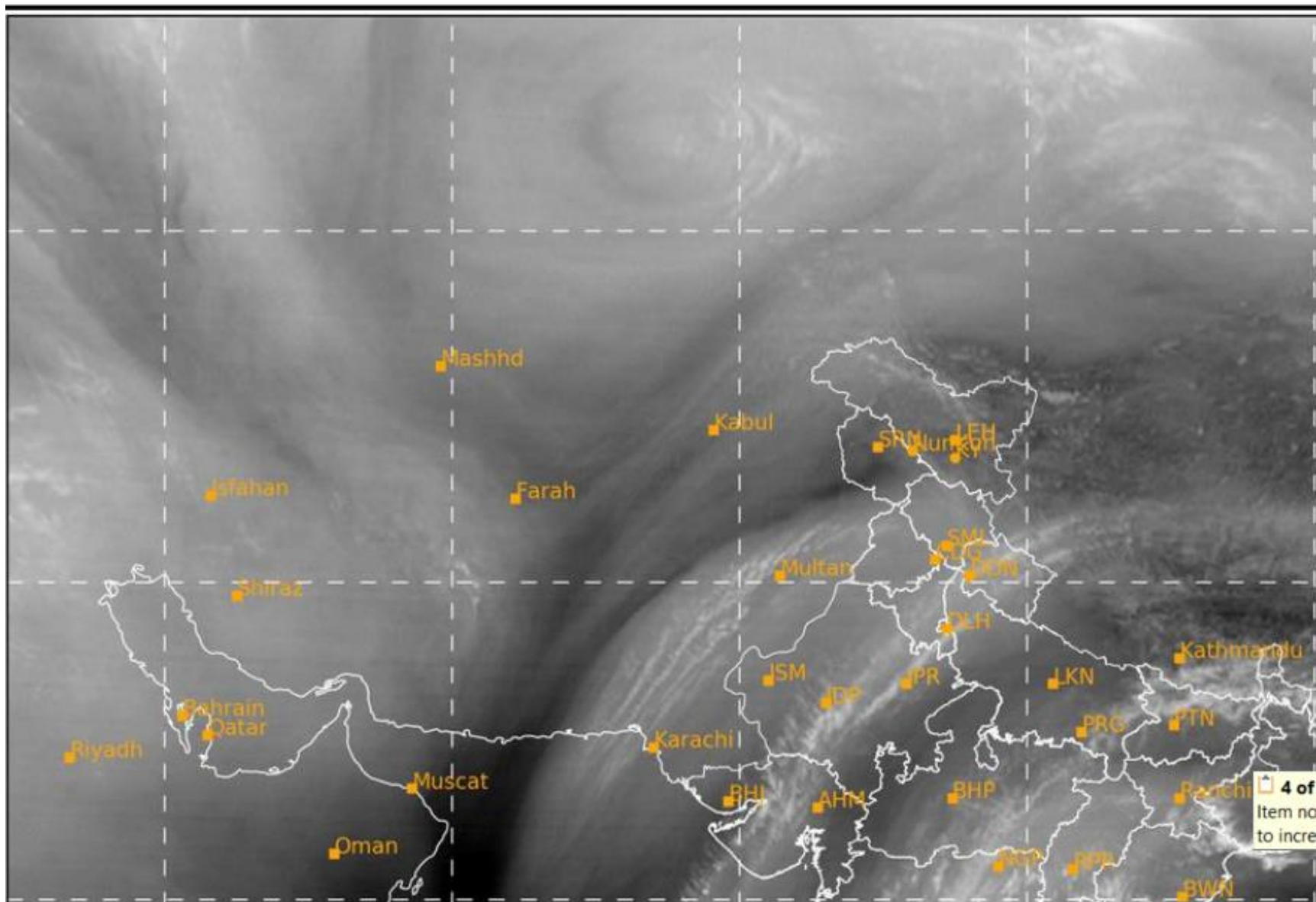
Satellite Water Vapor

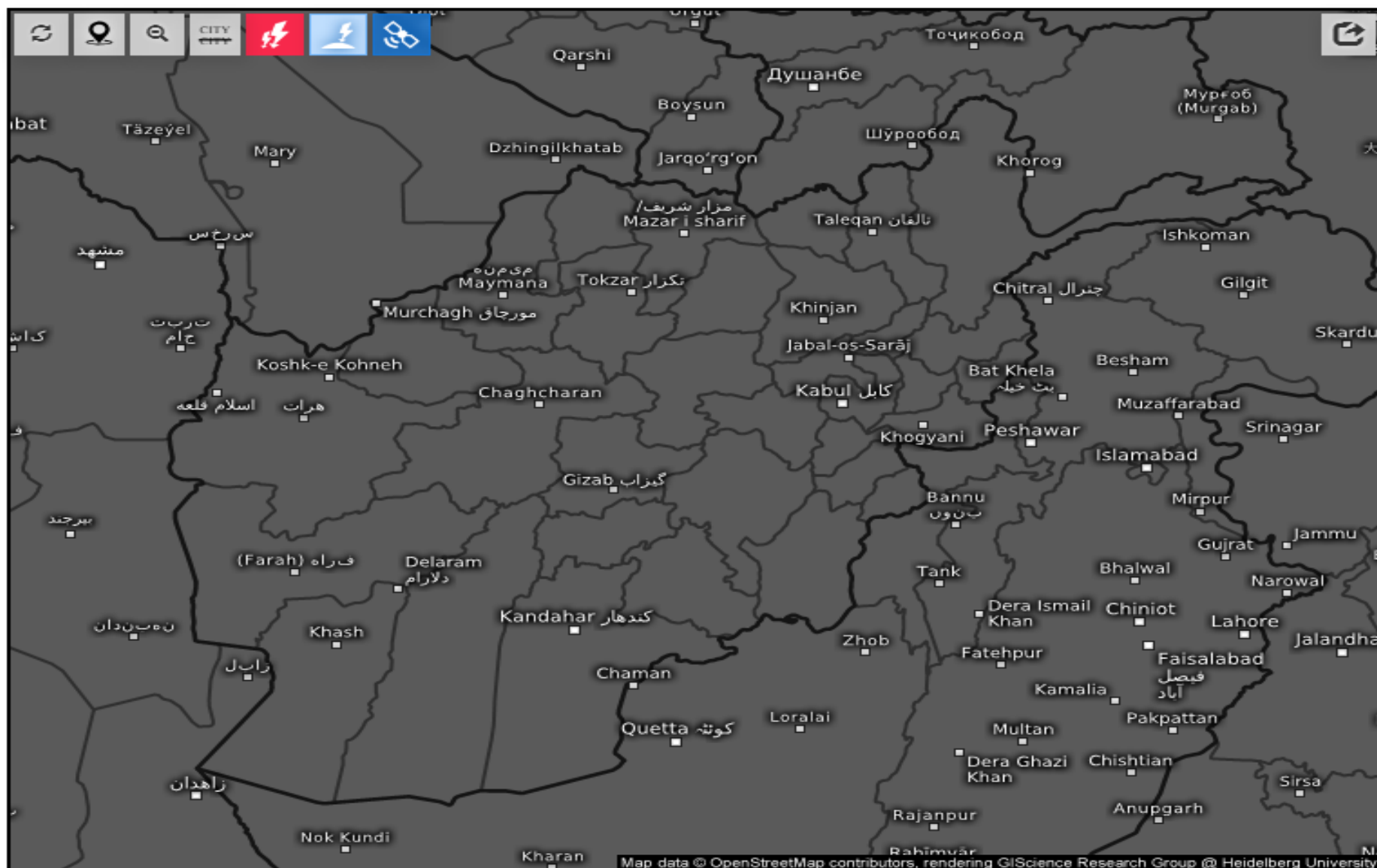
Sun 11/30/2025, 10:00am GMT+0430



SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

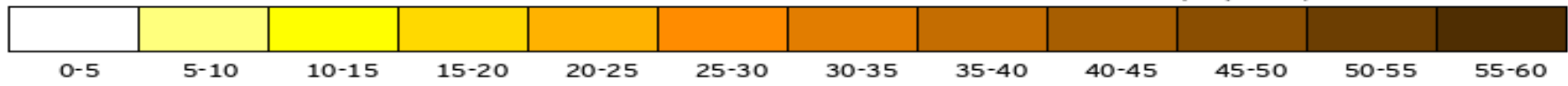
30-11-2025/(0445 to 0512) GMT
30-11-2025/(1015 to 1042) IST





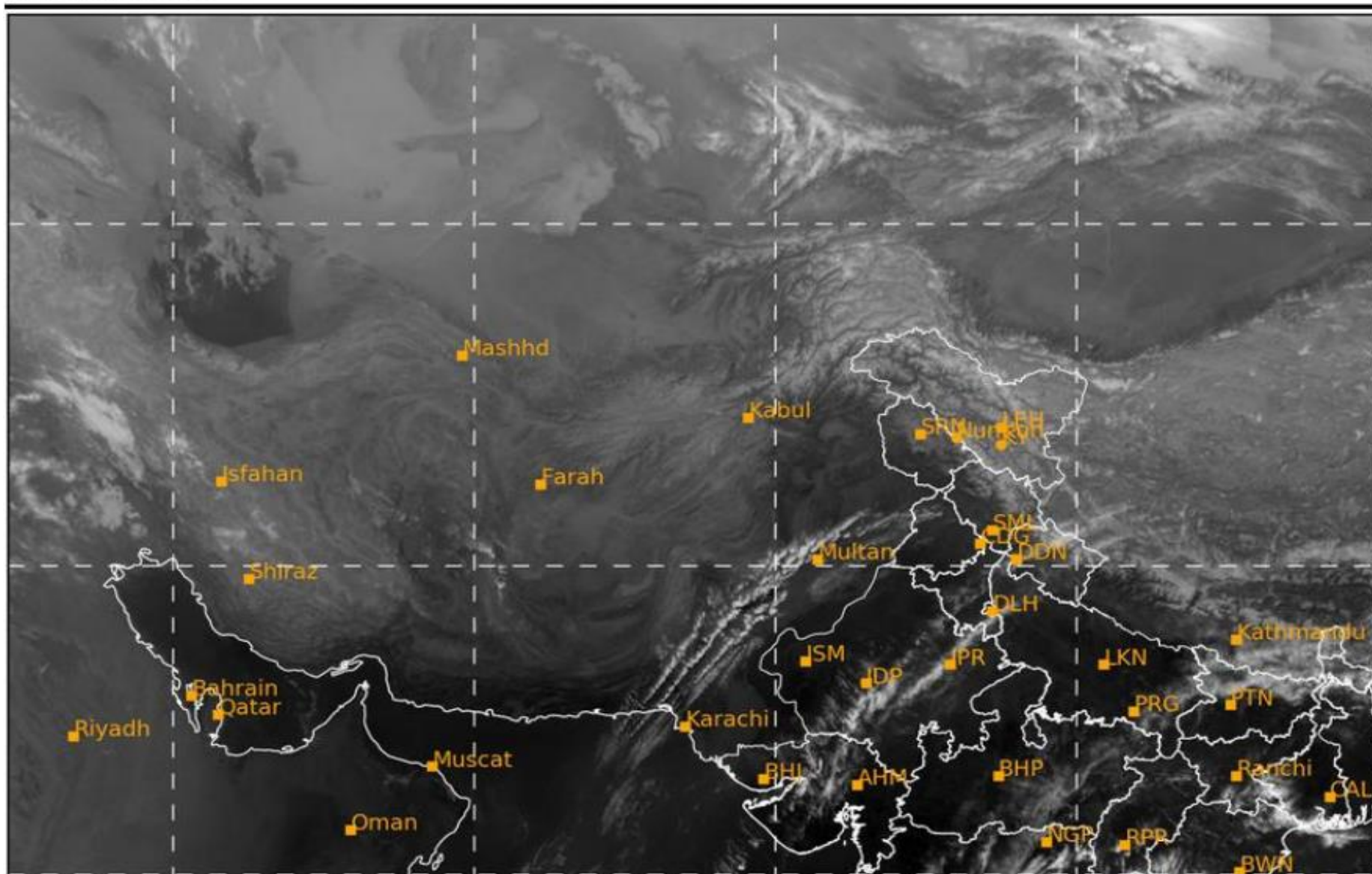
Age of lightning (minutes) 

Sun 11/30/2025, 10:20am GMT+0430



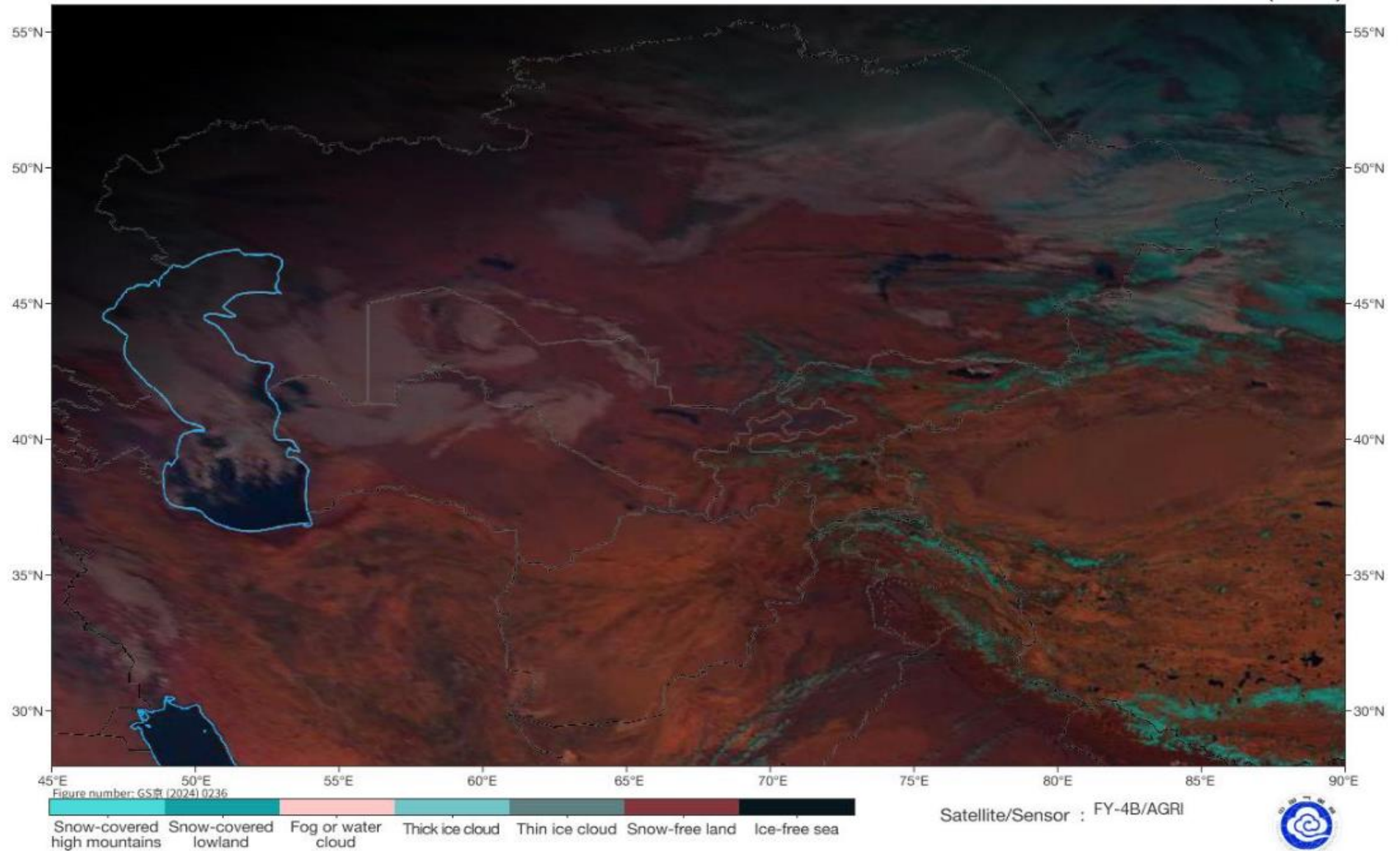
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

30-11-2025/(0445 to 0512) GMT
30-11-2025/(1015 to 1042) IST



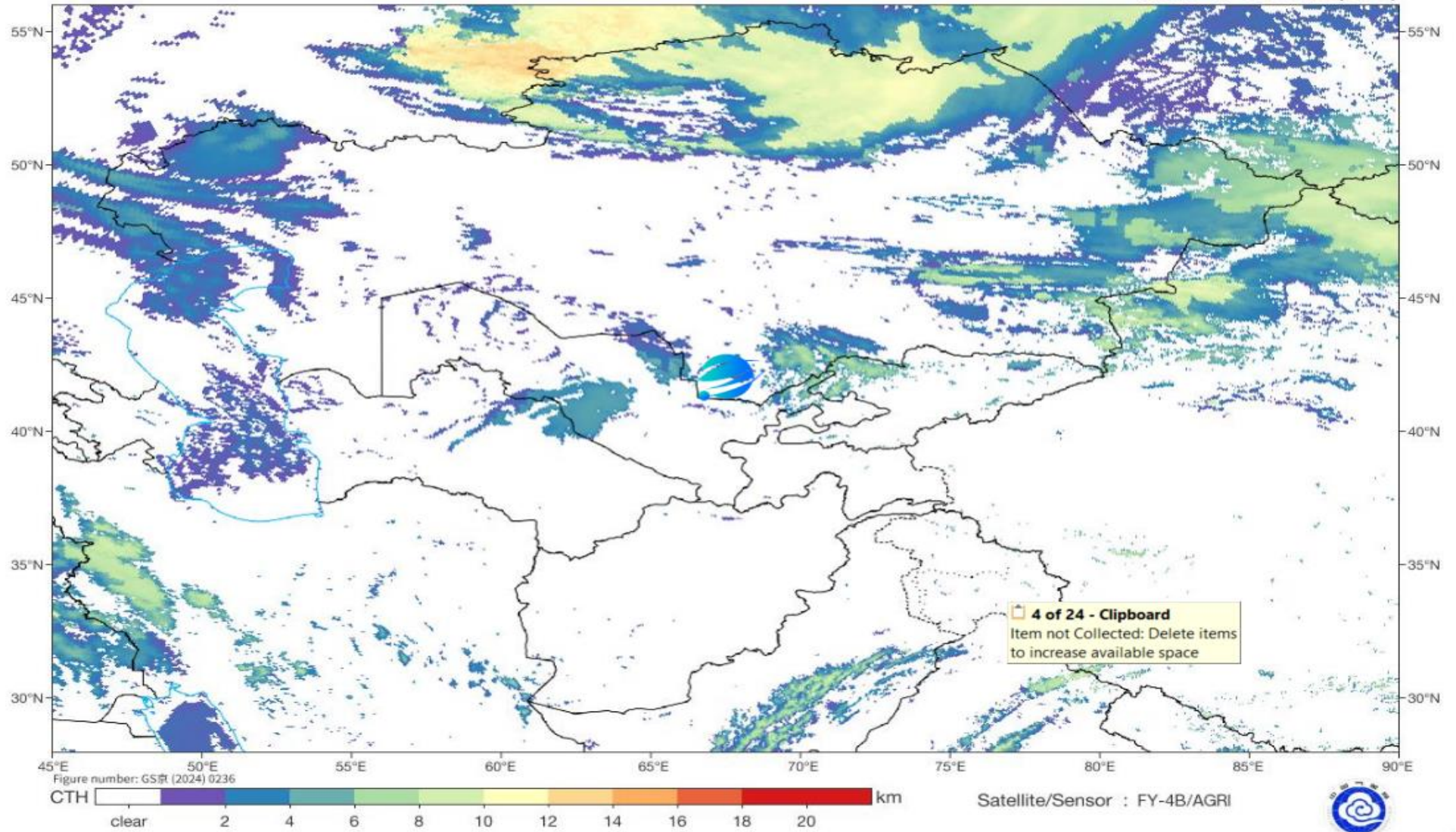
Fog Identification

2025-11-30 05:30(UTC)



Cloud Top Height

2025-11-30 05:00(UTC)



Live satellite map, Afghanistan

