



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



Satellite General Management

Daily reports of Satellite imagery analysis. Date & Time: 01/12/2025, 03:00 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	√ moderate	X	X	
4	East	X	X	X	✓	X	√ moderate	X	X	
5	central	✓	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	√ weak	X	X	

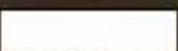
- Details:** According to satellite imagery analysis, the northern, central, northeastern, southeastern regions have warm air mass with (low UTH).
 The northwestern and western regions have cold air mass. The western areas have dust. The eastern and central regions have cloudy sky.
 The all regions have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

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-11-30 18:45

AirMass

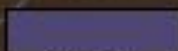


Thick,
high-level cloud



Thick,

mid-level cloud



Thick,

low-level cloud



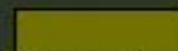
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

R = WV (0-2)
G = IR (0-2)
B = WV (0-2)

FY-4B AirMass RGB Composite (From WMO)

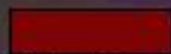


UTC : 2025-11-30 18:45

Dust



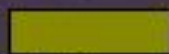
Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



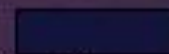
Ocean



Land



Low-level cloud

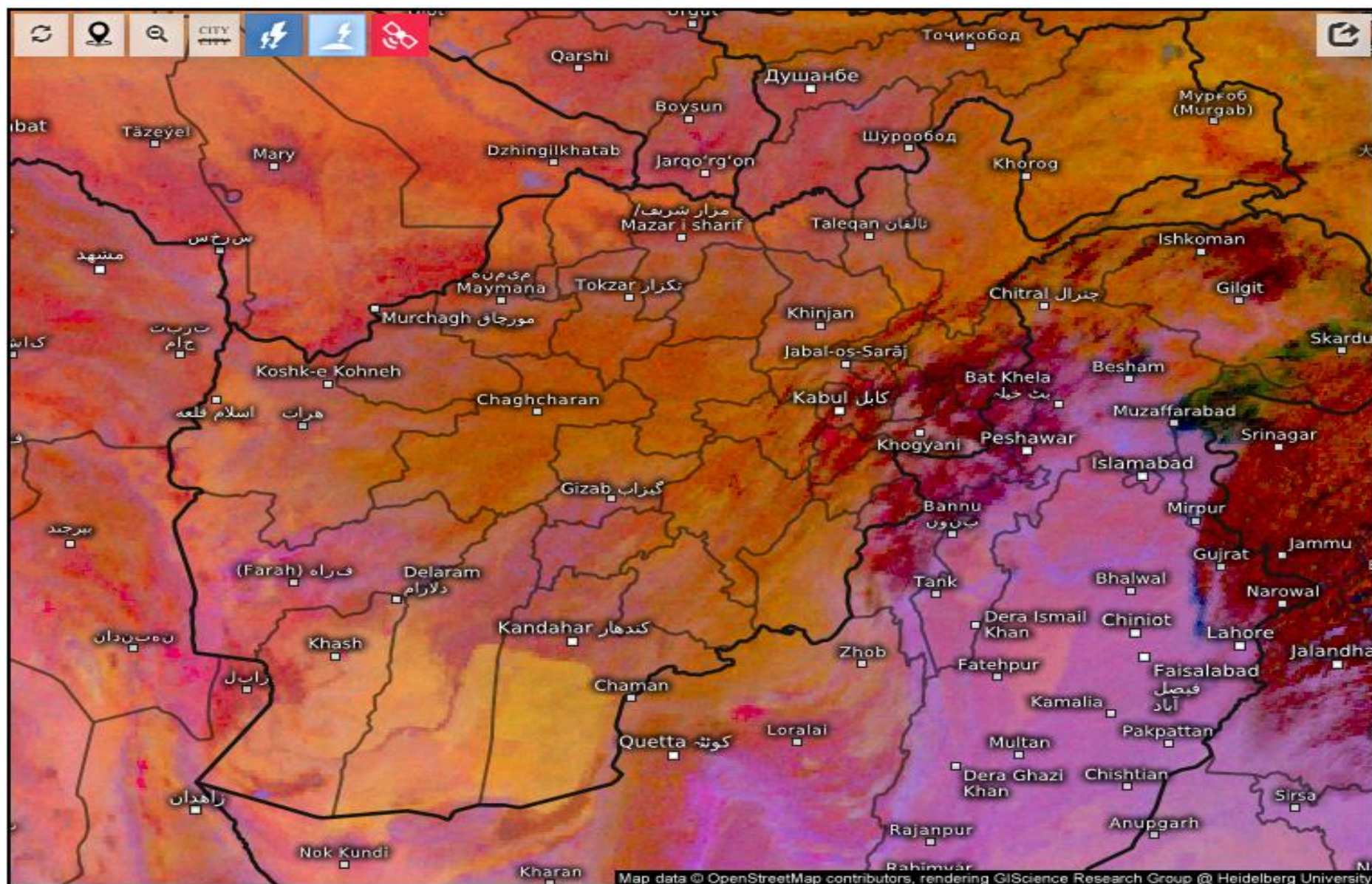


Cirrus

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

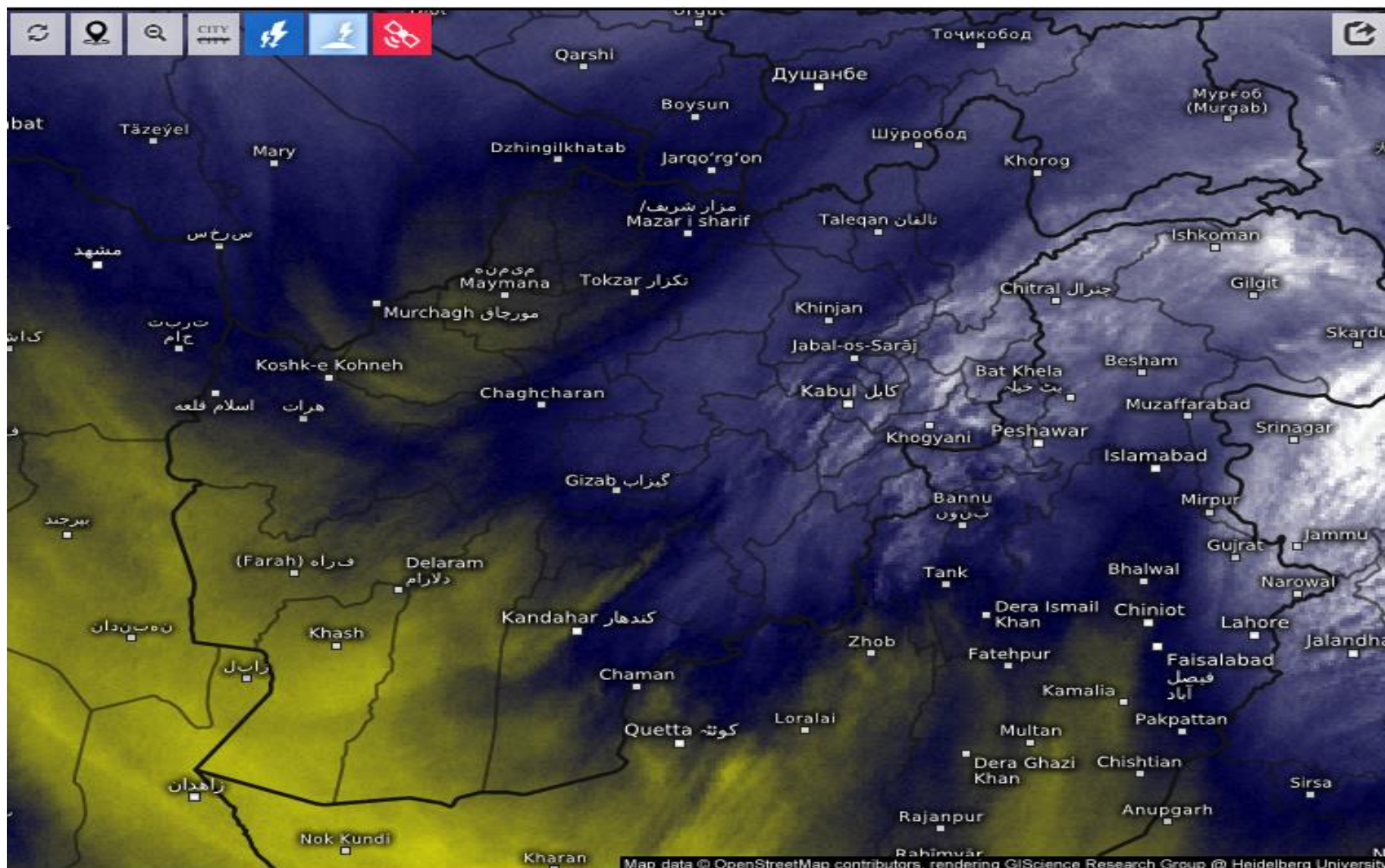
FY-4B Dust RGB Composite (From WMO)





Satellite Dust 

Mon 12/01/2025, 07:15am GMT+0430



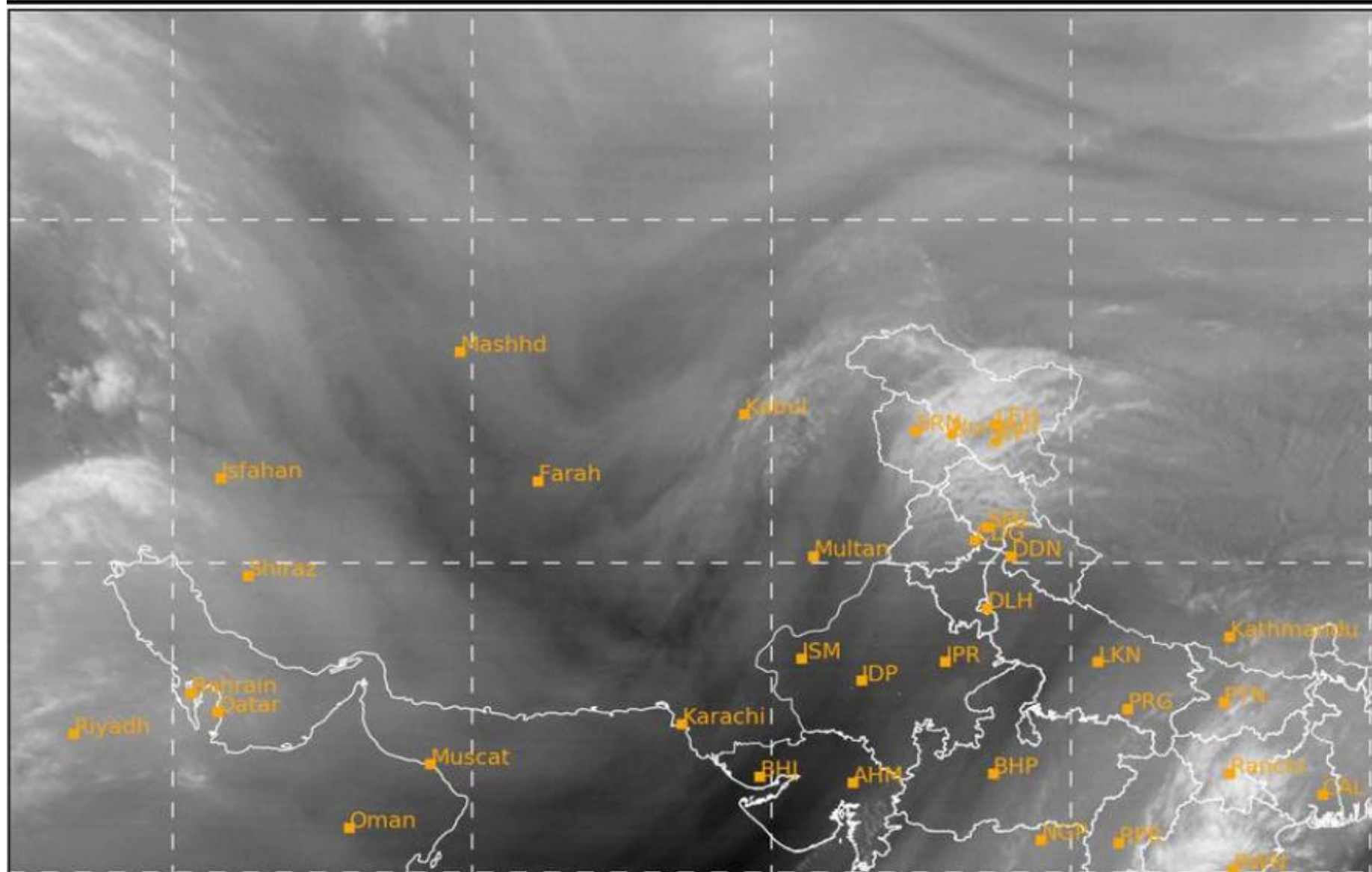
Satellite Water Vapor

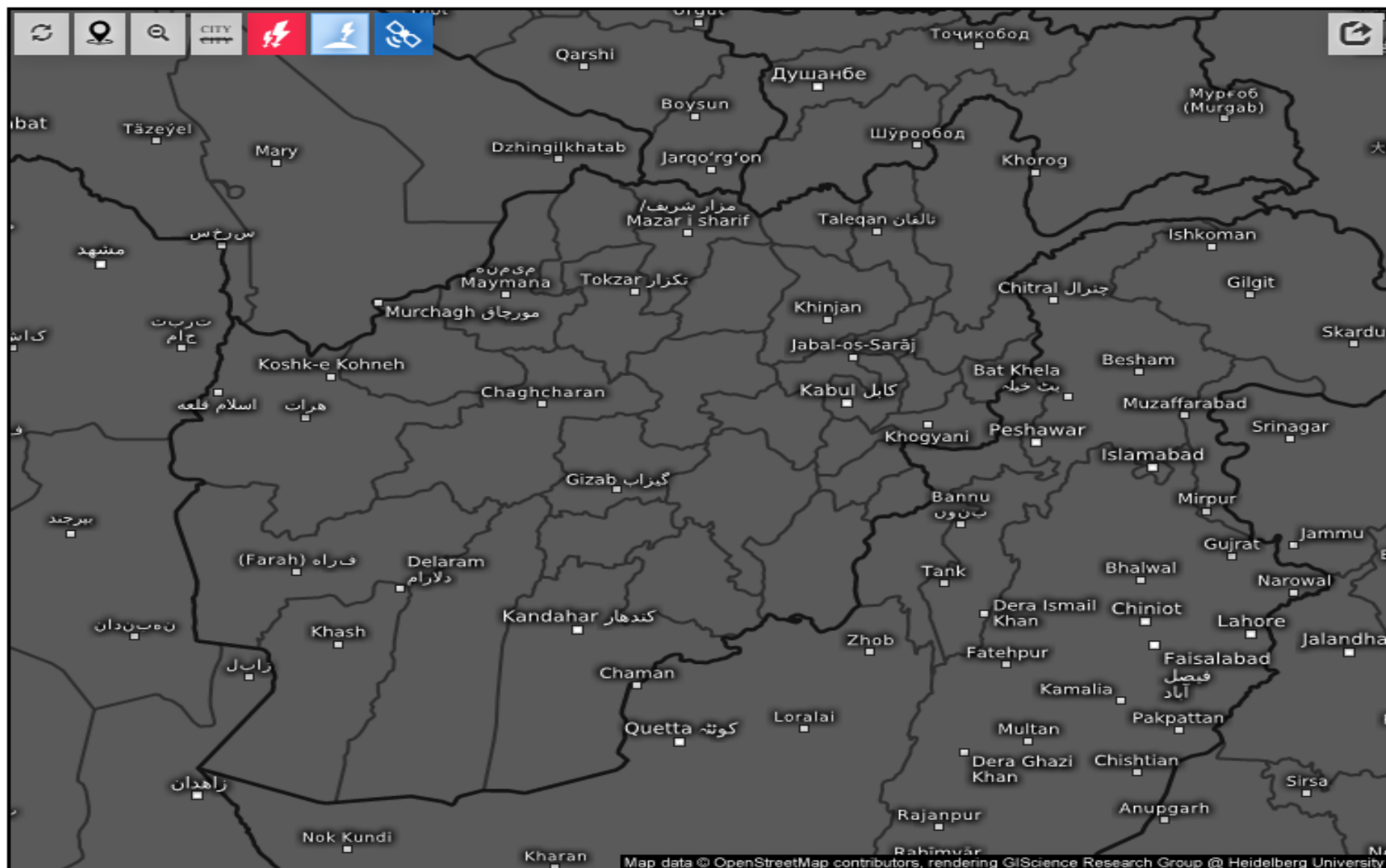
Mon 12/01/2025, 07:15am GMT+0430



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

01-12-2025/(0315 to 0341) GMT
01-12-2025/(0845 to 0911) IST





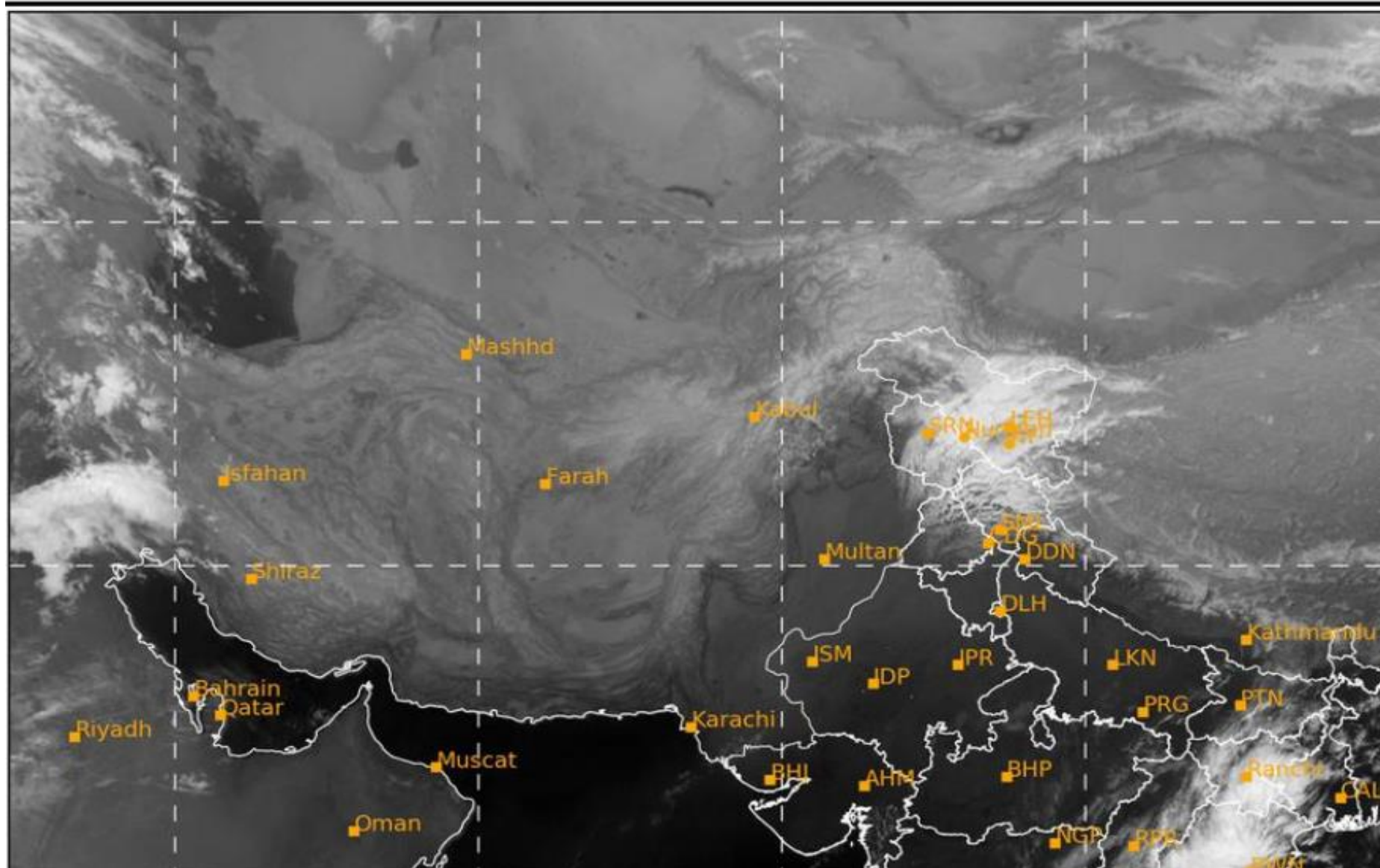
Age of lightning (minutes) 

Mon 12/01/2025, 07:15am GMT+0430



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

01-12-2025/(0315 to 0341) GMT
01-12-2025/(0845 to 0911) IST



Fog Identification

2025-12-01 03:15(UTC)

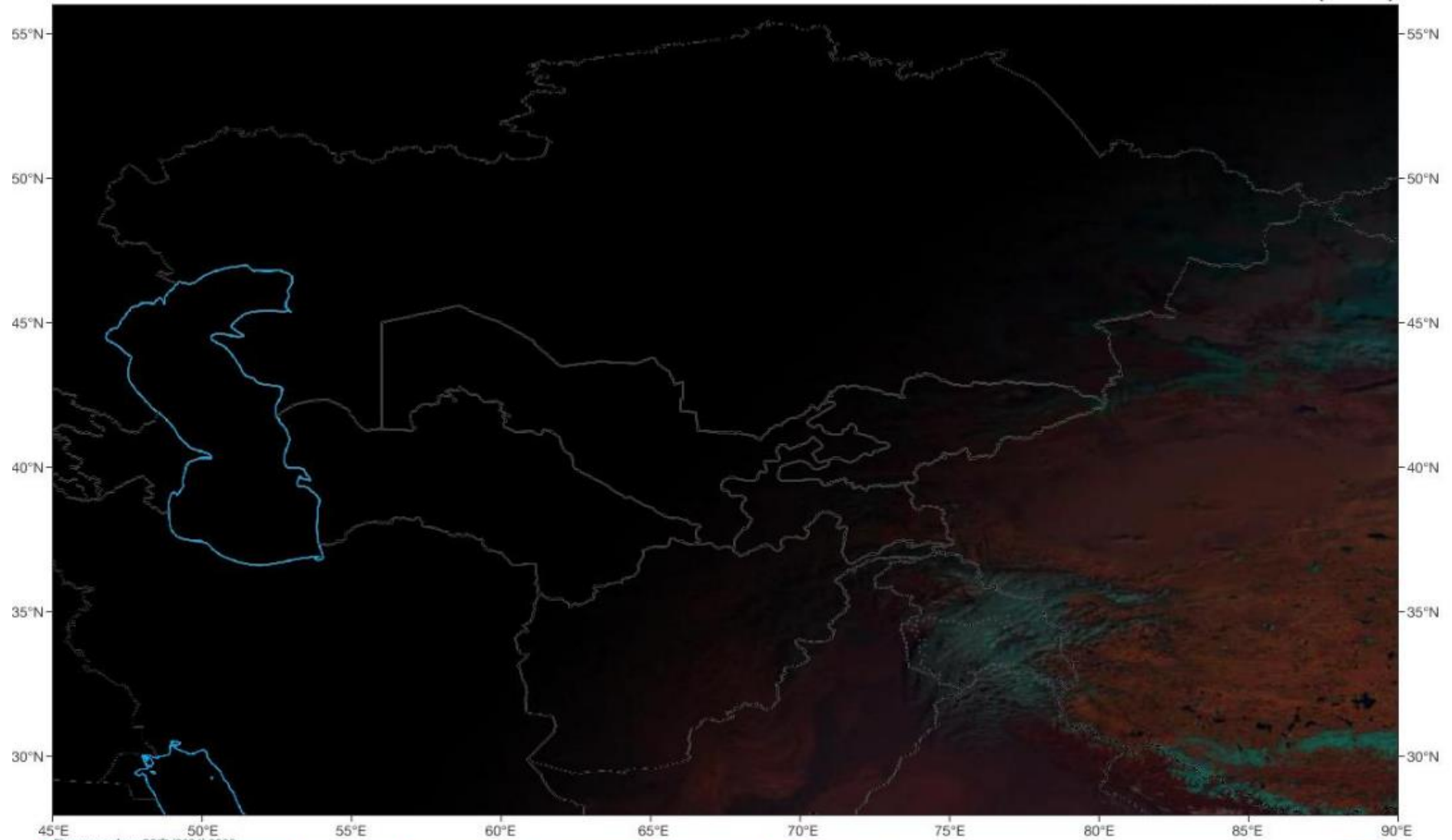


Figure number: GS京 (2024) 0236

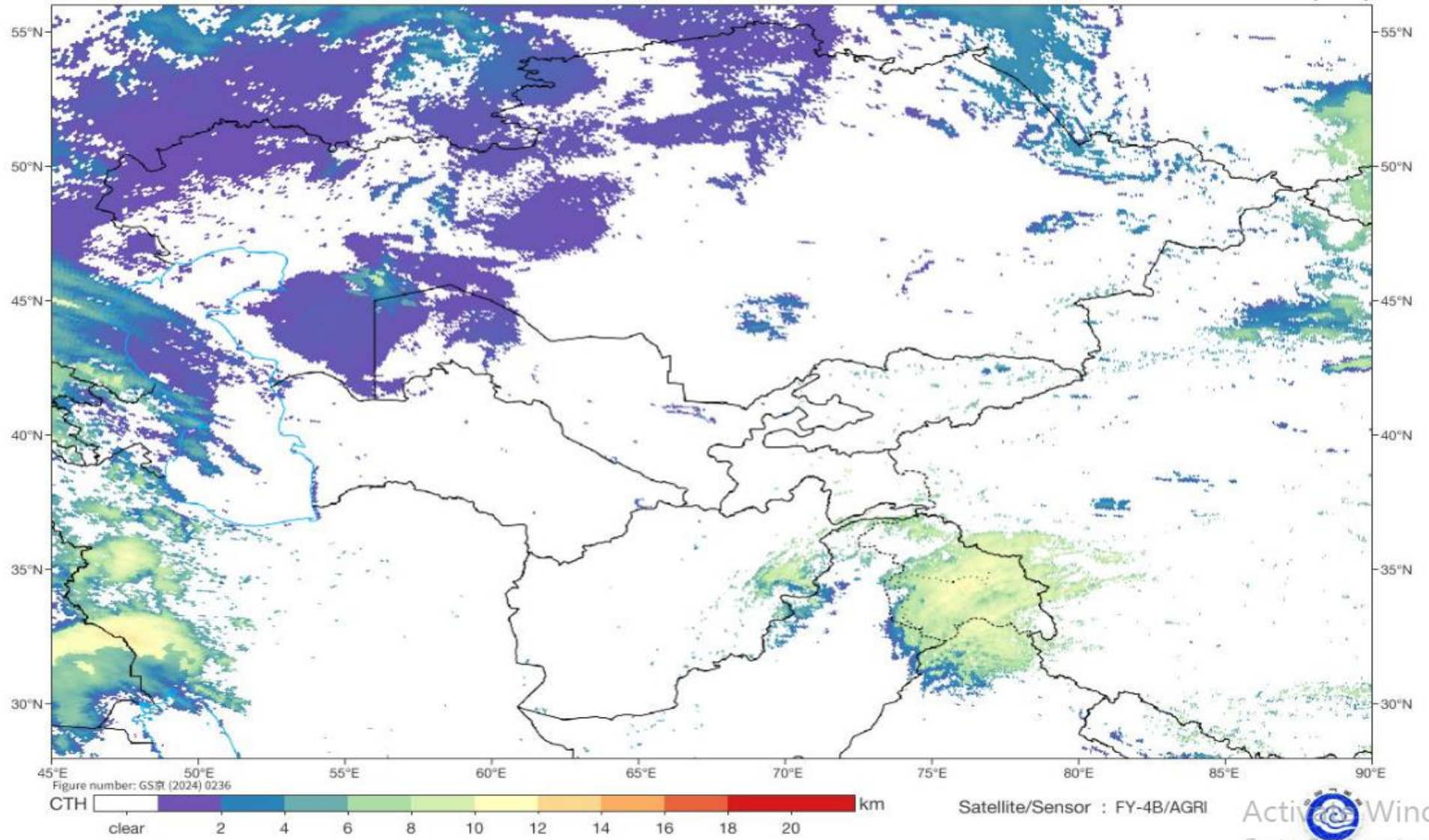
Snow-covered high mountains Snow-covered lowland Fog or water cloud Thick ice cloud Thin ice cloud Snow-free land Ice-free sea

Satellite/Sensor : FY-4B/AGRI



Cloud Top Height

2025-12-01 03:15(UTC)



Live satellite map, Afghanistan

