



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



Daily reports of Satellite imagery analysis. Date & Time: 20/12/2025, 09:00 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	√ weak	X	X	
3	West	X	X	X	✓	X	√ moderate	X	X	
4	East	X	X	X	✓	X	√ moderate	X	X	
5	central	✓	X	X	✓	X	√ weak	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	√ weak	X	X	

Details: according to satellite imagery analysis the northeastern area has cold air mass, the southern, central northwestern and southwestern areas have weak warm air mass with (Low UTH) The all regions have cloudy sky which the height of cloud is about 4-12 km. The all regions have moderate water vapor which the exception of southern, central and southwestern areas have weak water vapor.

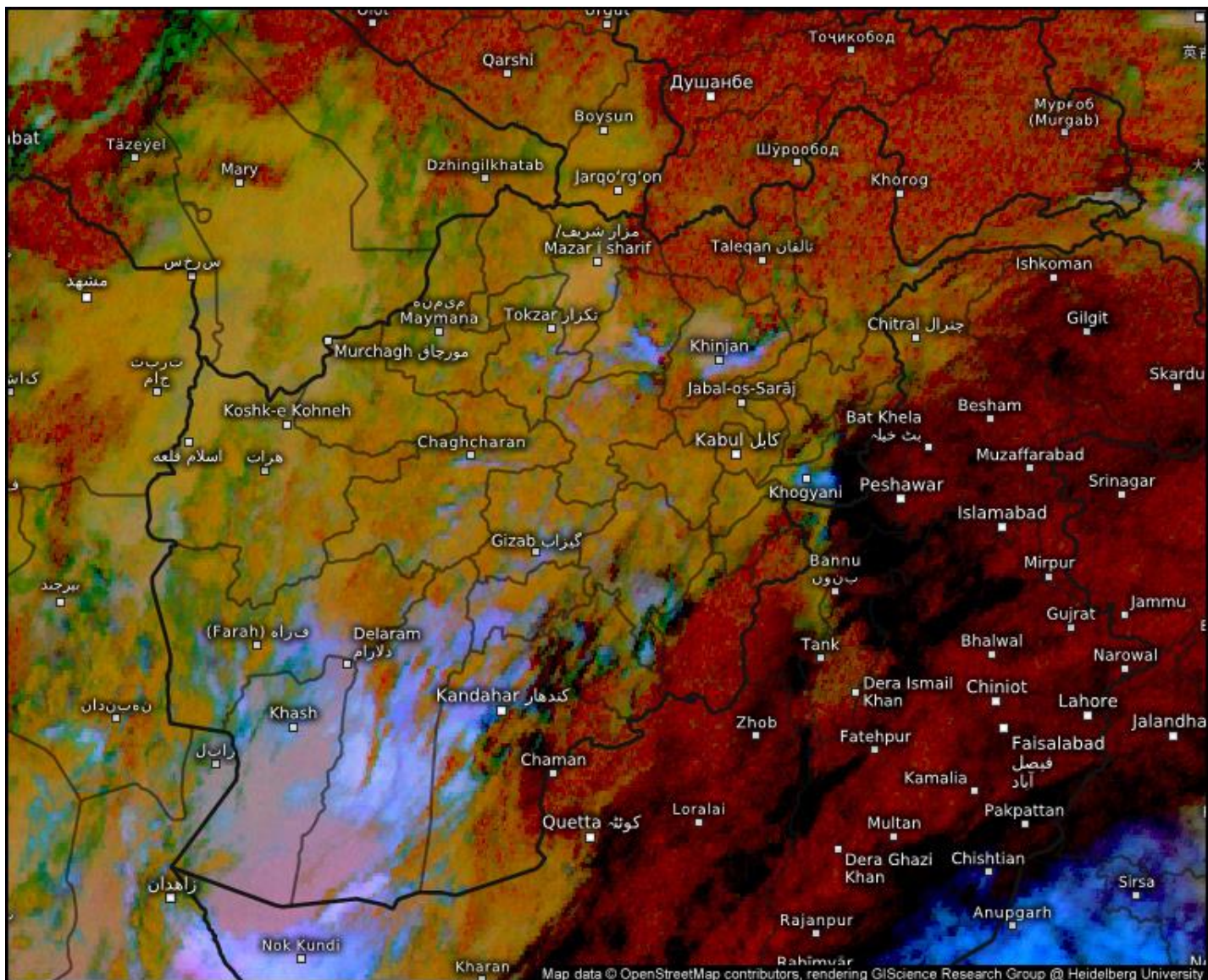
Reported by: Mohammad Jawed Moradi

UTC: 2025-12-20 08:30



FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

Sat 12/20/2025, 01:30pm GMT+0430

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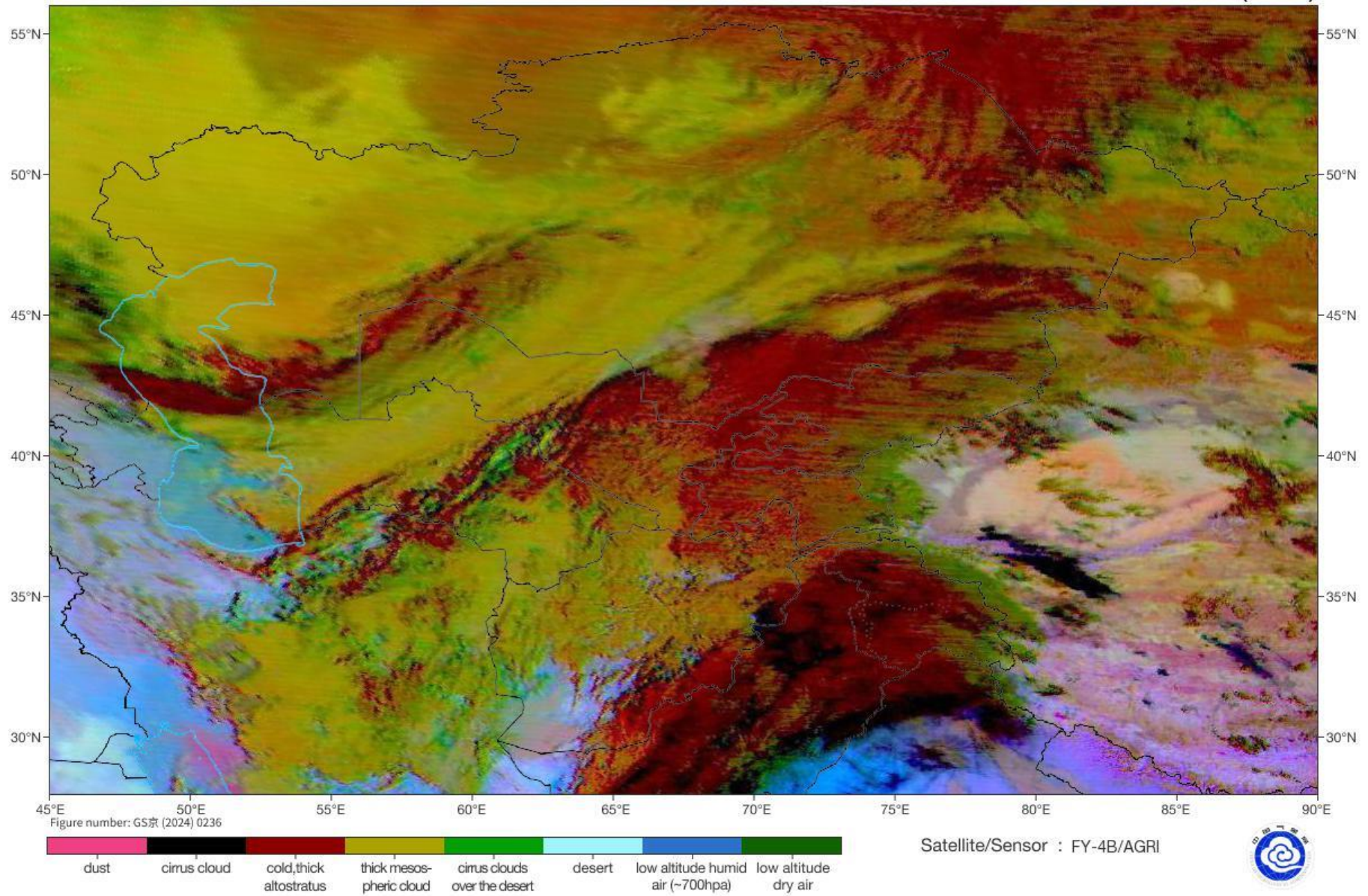
Afghanistan

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Satellite data: EUMETSAT

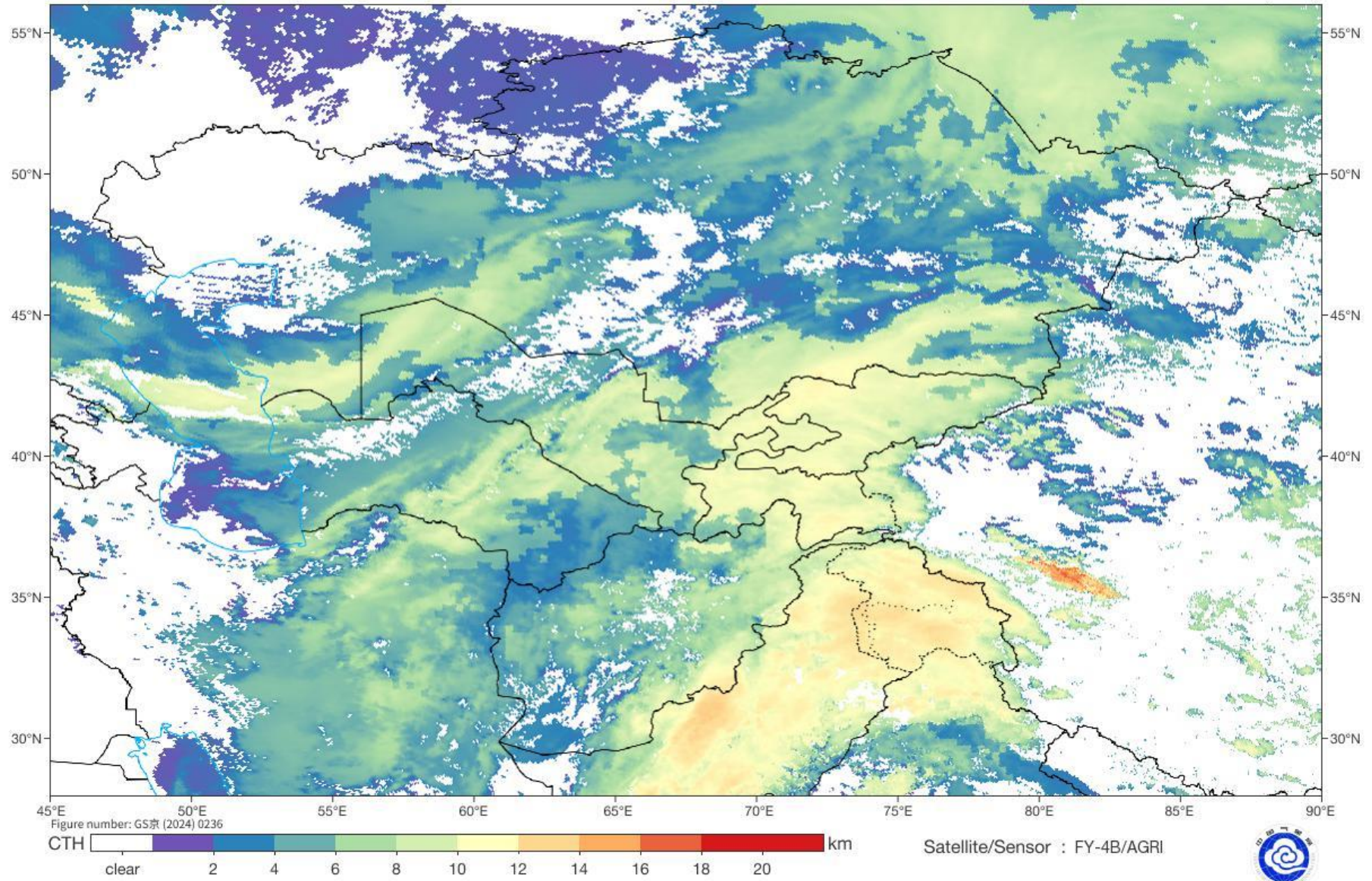
Sand And Dust Identification

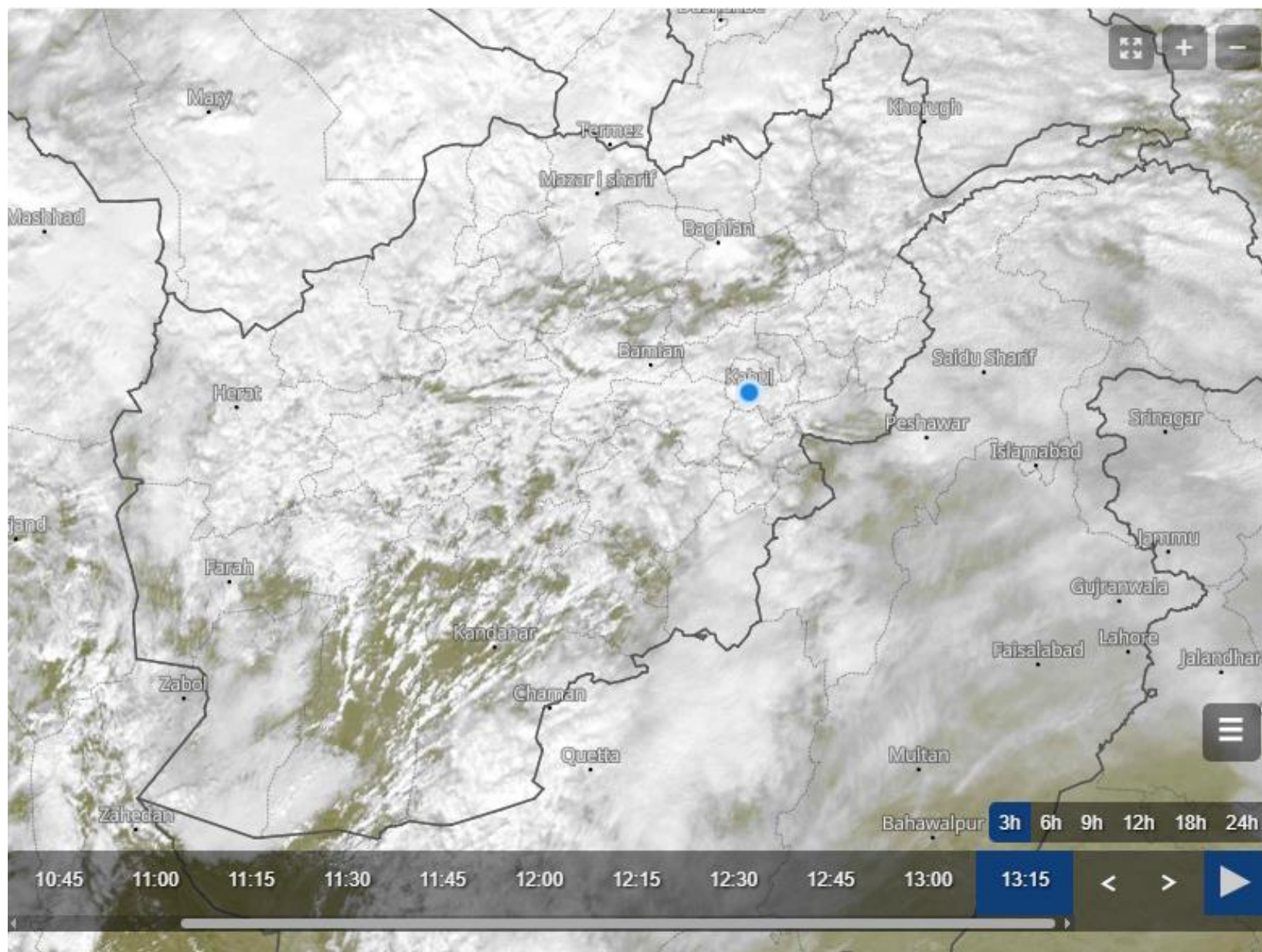
2025-12-20 09:00(UTC)



Cloud Top Height

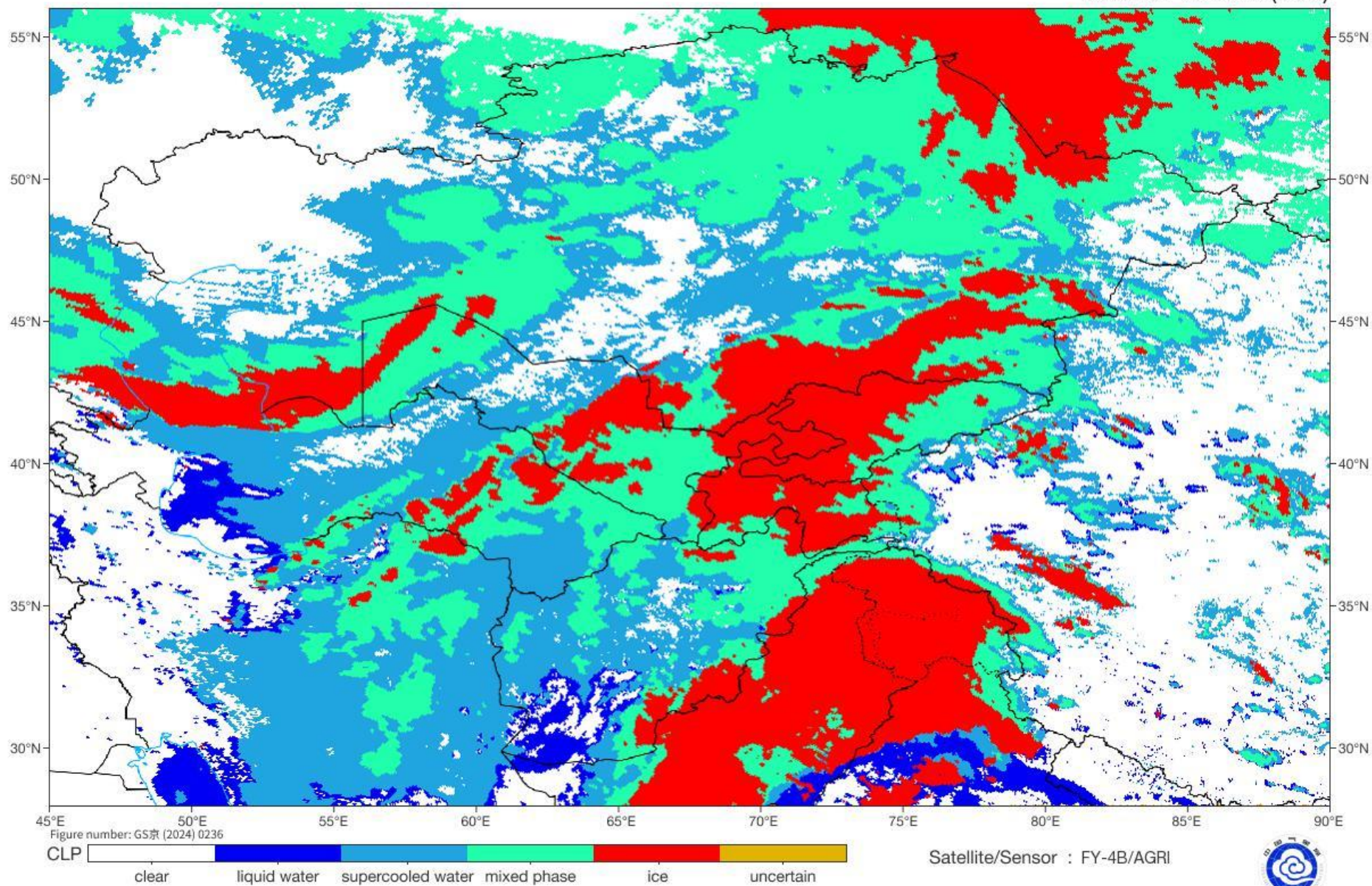
2025-12-20 09:00(UTC)

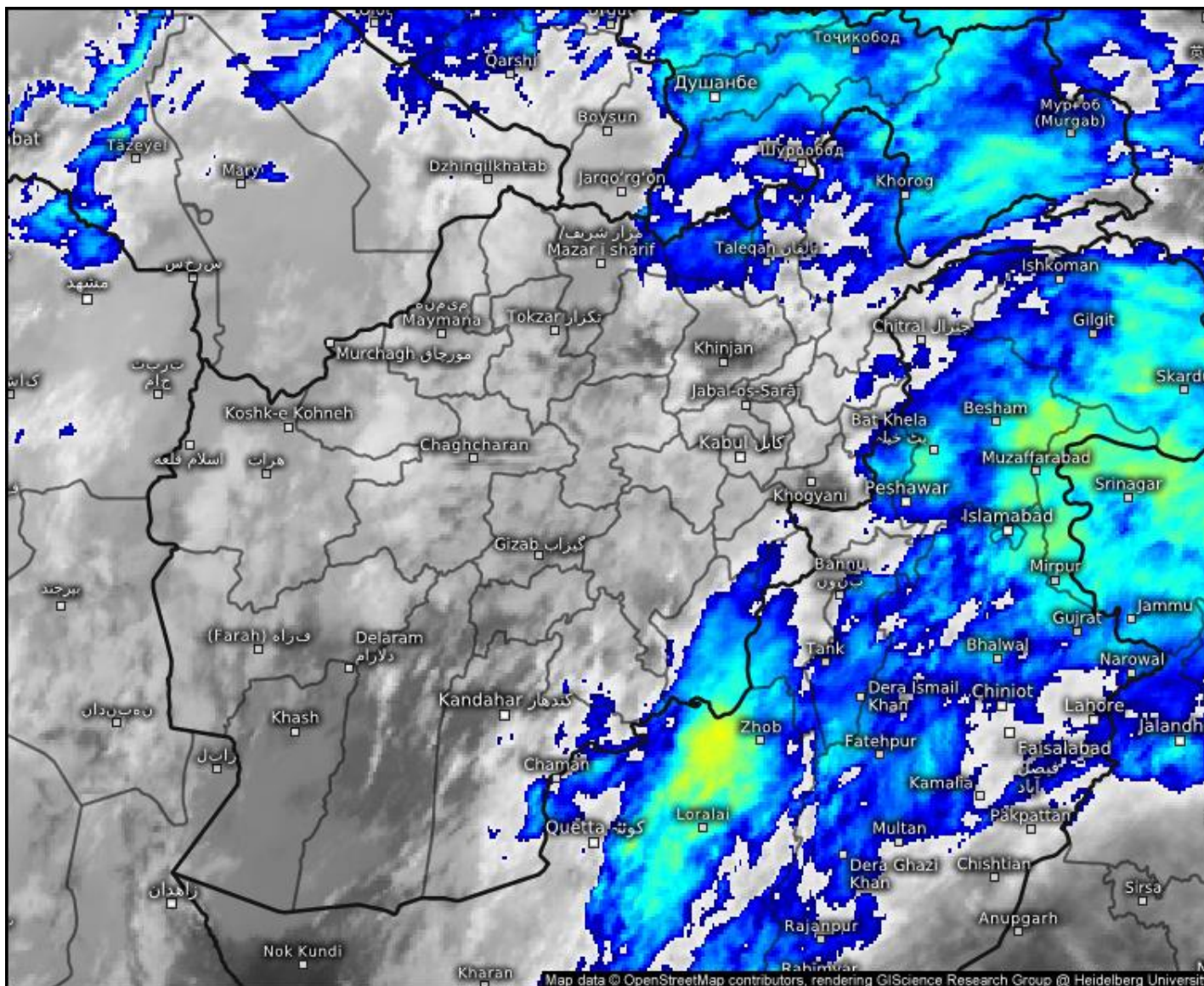




Cloud Phase

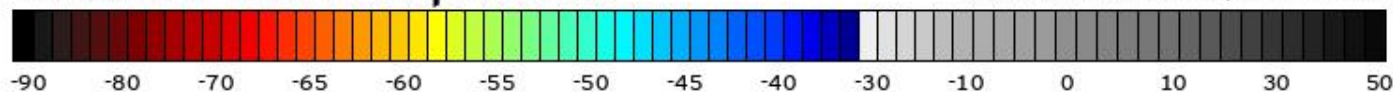
2025-12-20 09:00(UTC)





Satellite Cloud Tops Alert

Sat 12/20/2025, 01:30pm GMT+0430

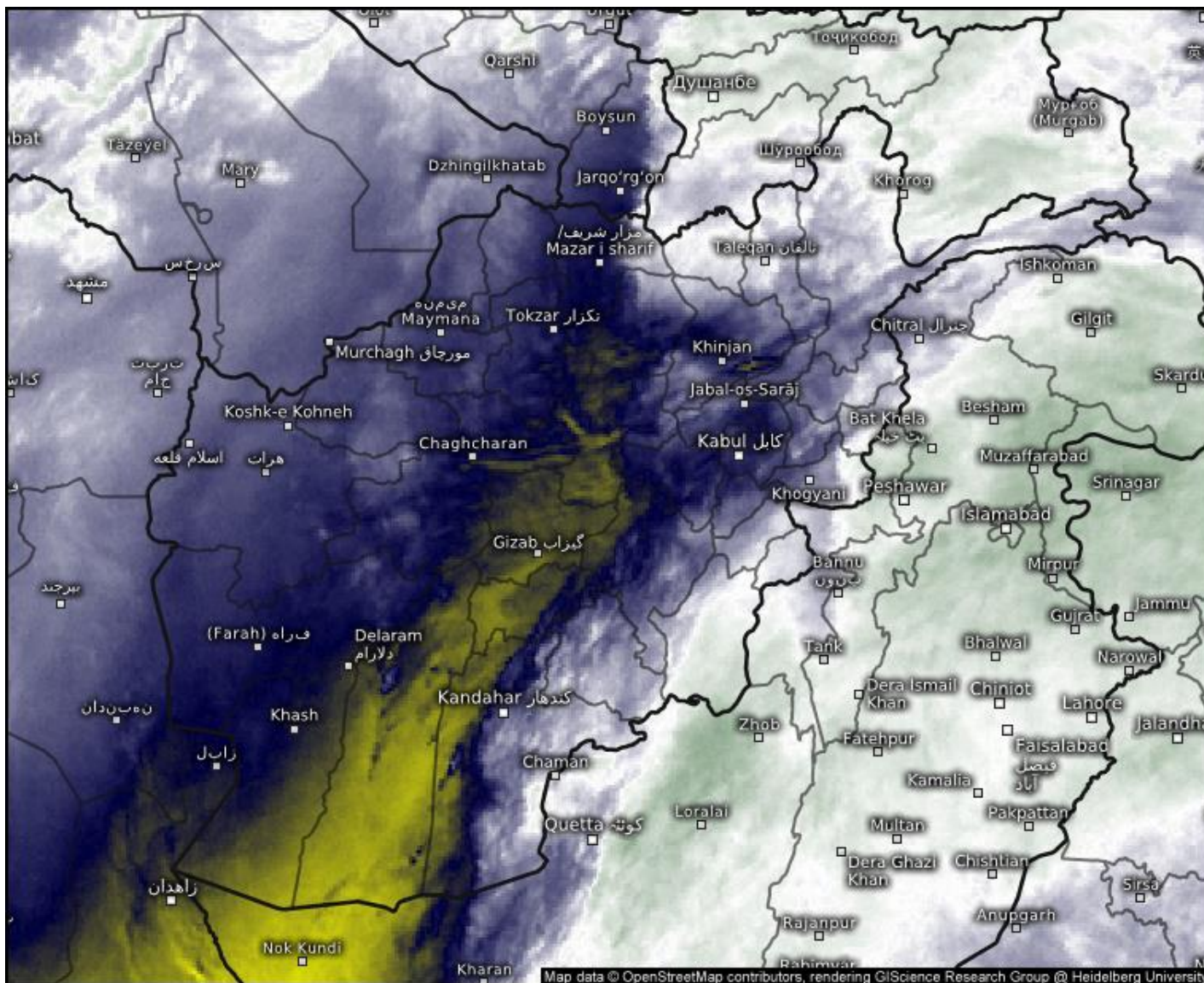


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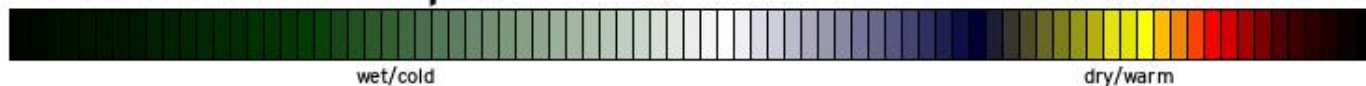
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Satellite data: EUMETSAT



Satellite Water Vapor

Sat 12/20/2025, 01:30pm GMT+0430



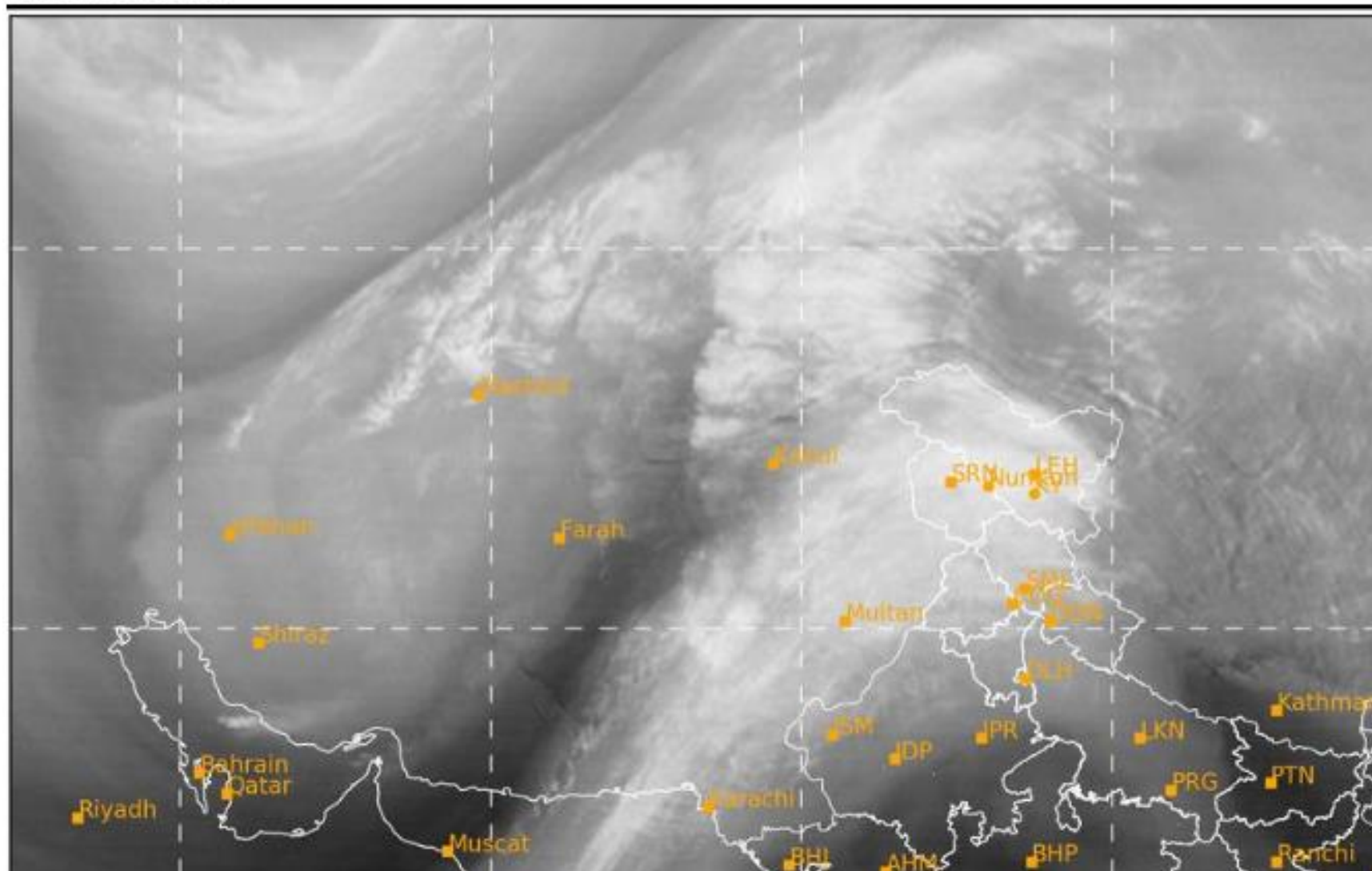
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Satellite data: EUMETSAT

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

20-12-2025/(0715 to 0742) GMT
20-12-2025/(1245 to 1312) IST



L1C Mercator

20-12-2025/(1245 to 1312) IST

