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

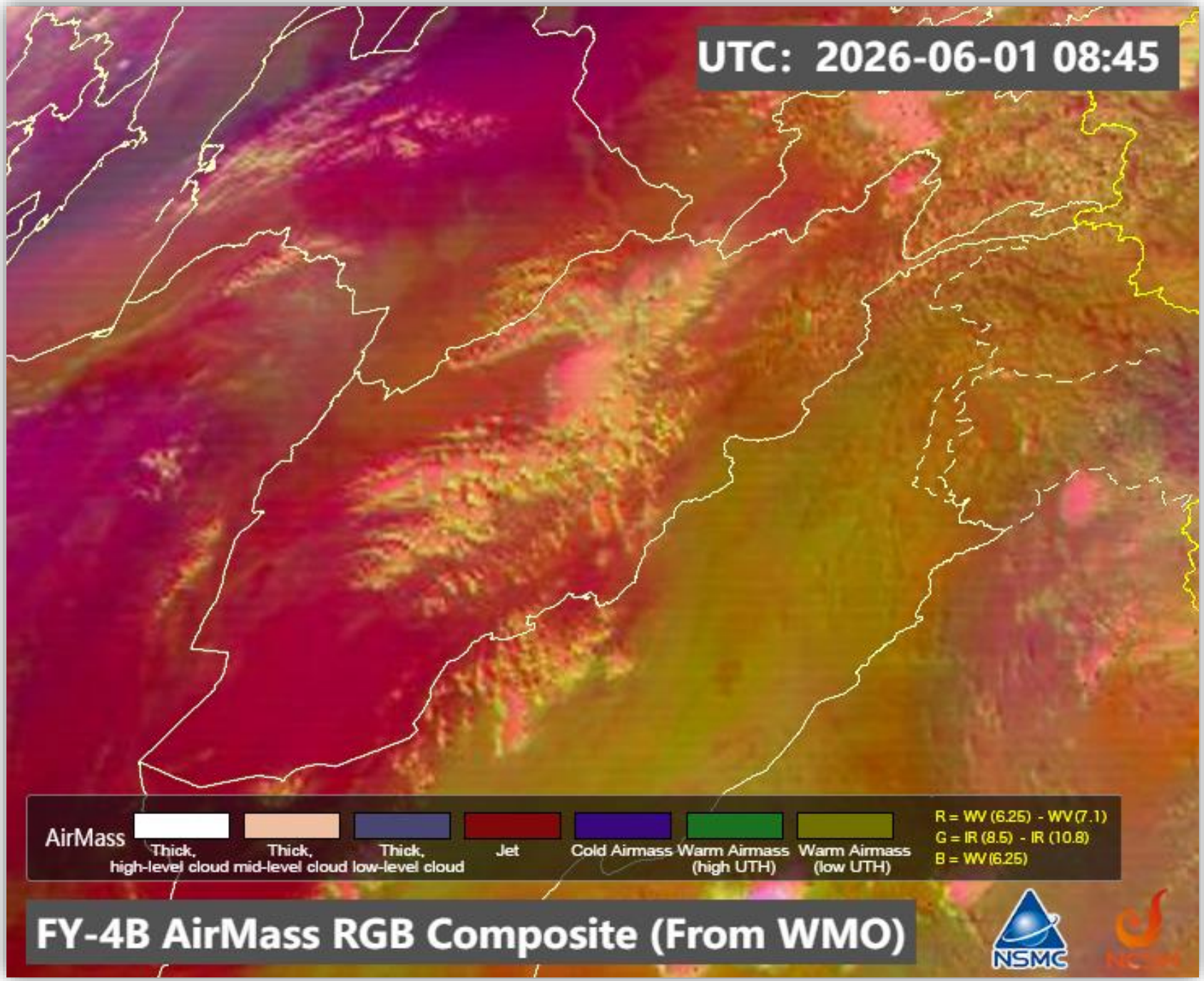
Daily reports of Satellite imagery analysis. Date & Time: 01-06-2026, 09:00 UTC

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	X	X	✓ weak	X	✓	
3	West	X	X	✓	X	X	✓ weak	X	✓	
4	East	X	X	X	X	X	✓ weak	X	X	
5	central	X	X	✓	✓	X	✓ moderate	X	X	
6	Northeast	X	X	X	X	X	✓ weak	X	X	
7	Southeast	X	X	X	X	X	✓ weak	X	X	
8	Northwest	✓	X	X	X	X	✓ weak	X	X	
9	Southwest	X	X	X	X	X	✓ weak	X	✓	

Details: according to satellite imagery analysis, the northwestern area is worm air mass. The western and central areas are thunder storm. The northern and central areas are cloudy sky. The northern and central areas are moderate water vapor the southern, western, eastern, northeastern, southeastern, northwestern and southwestern areas are weak water vapor. The southern, western and southwestern areas are Jetstream.

Reported by: Mohammad Jawed Moradi.

Not: X (Not existing phenomena) √ (existing phenomena)


UTC: 2026-06-01 08:45
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 (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)
FY-4B AirMass RGB Composite (From WMO)
NSMC

Sand And Dust Identification

2026-06-01 09:00(UTC)

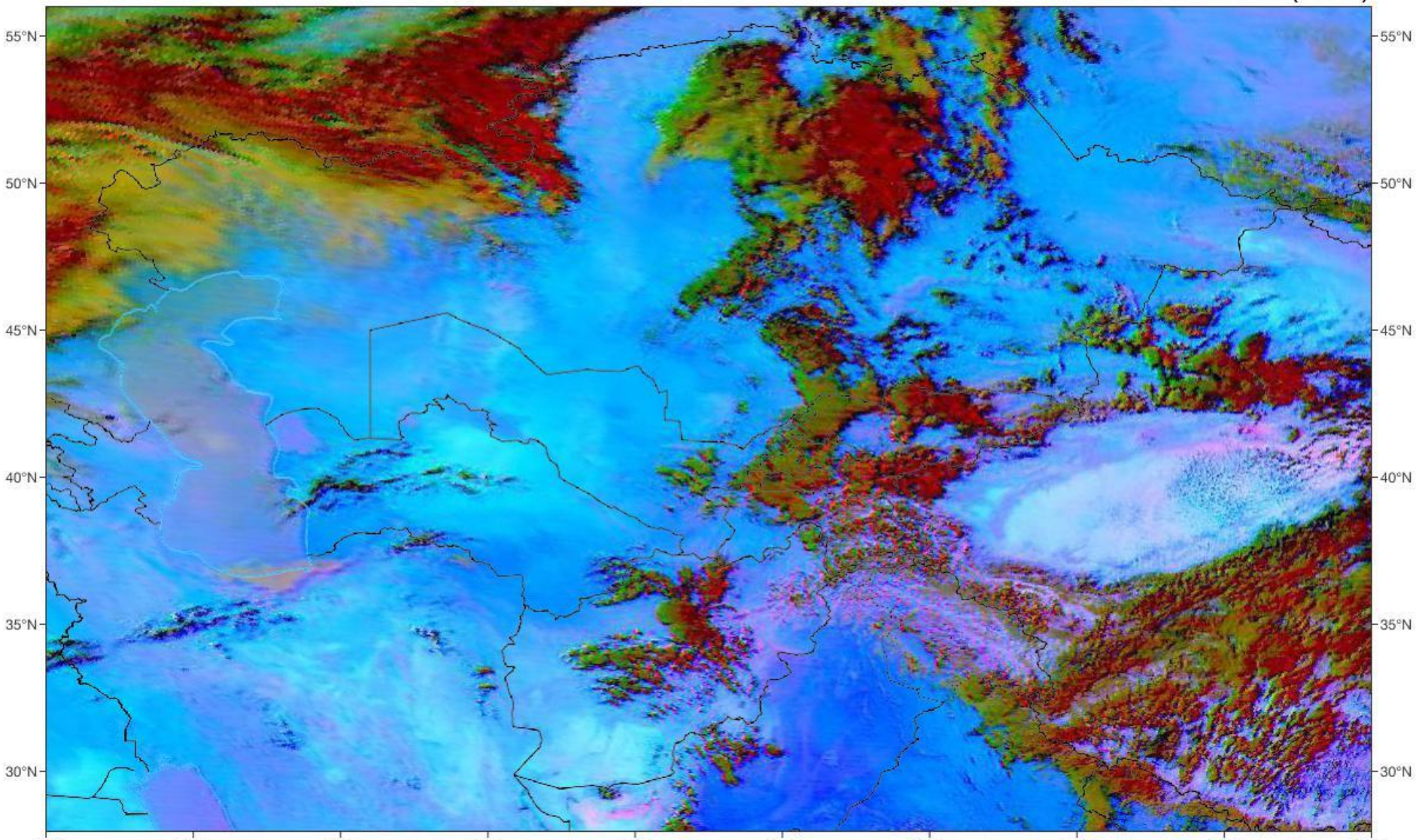
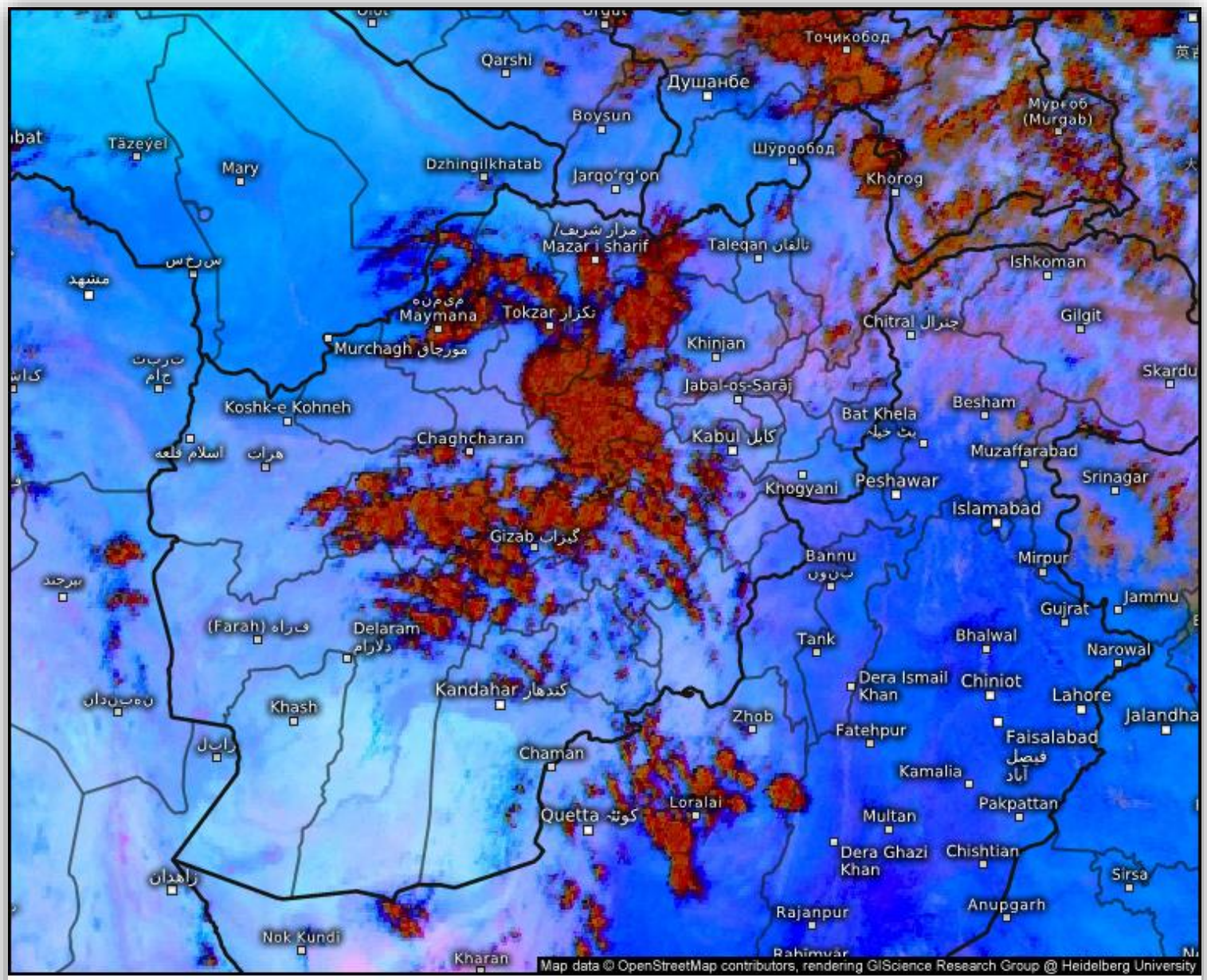


Figure number: GS京 (2024) 0236

dust | cirrus cloud | cold,thick altostratus | thick mesos-pheric cloud | cirrus clouds over the desert | desert | low altitude humid air (~700hpa) | low altitude dry air

Satellite/Sensor ： FY-4B/AGRI



Satellite Dust

Mon 06/01/2026, 01:30pm GMT+0430

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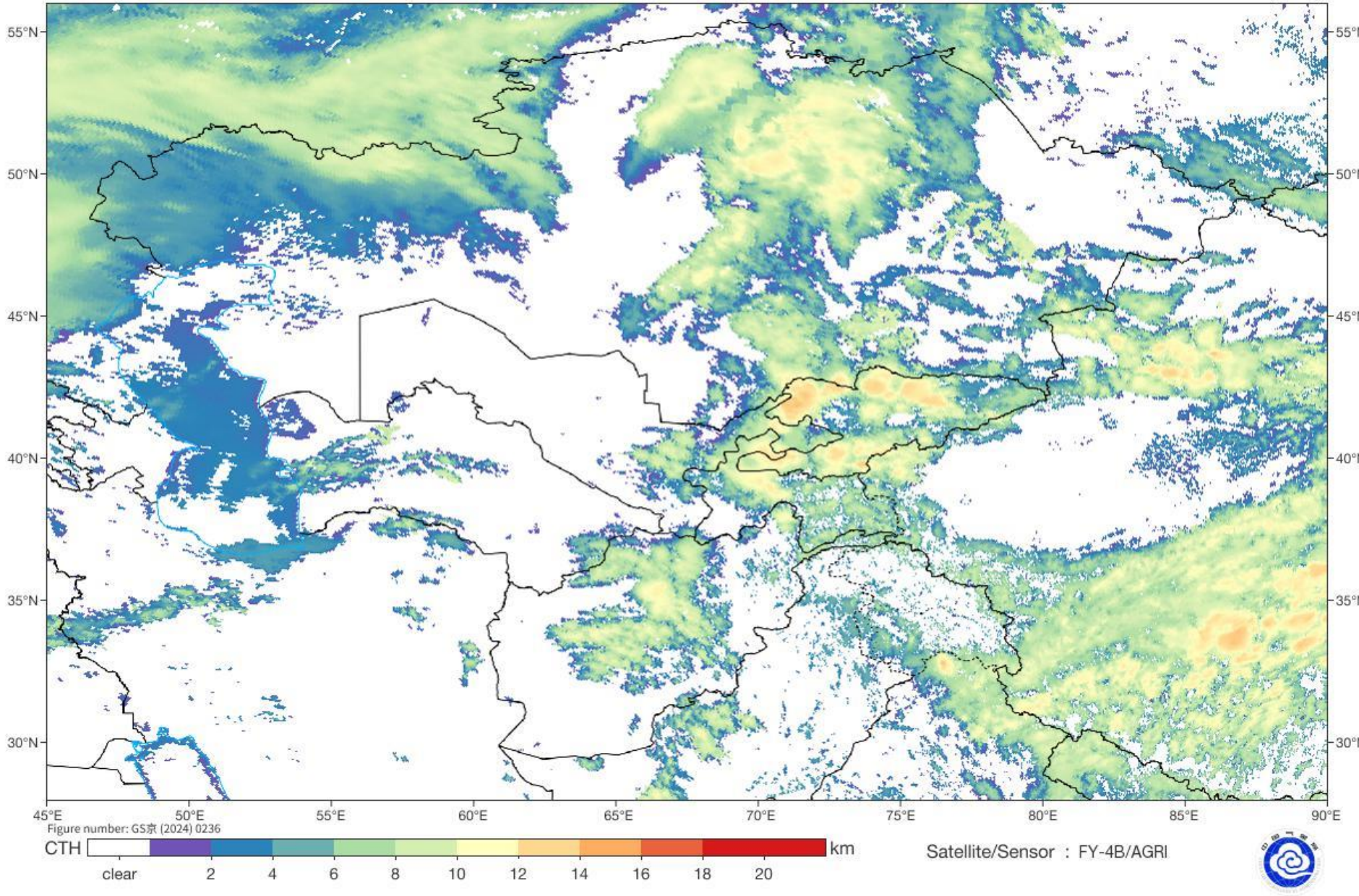
meteologix

Afghanistan

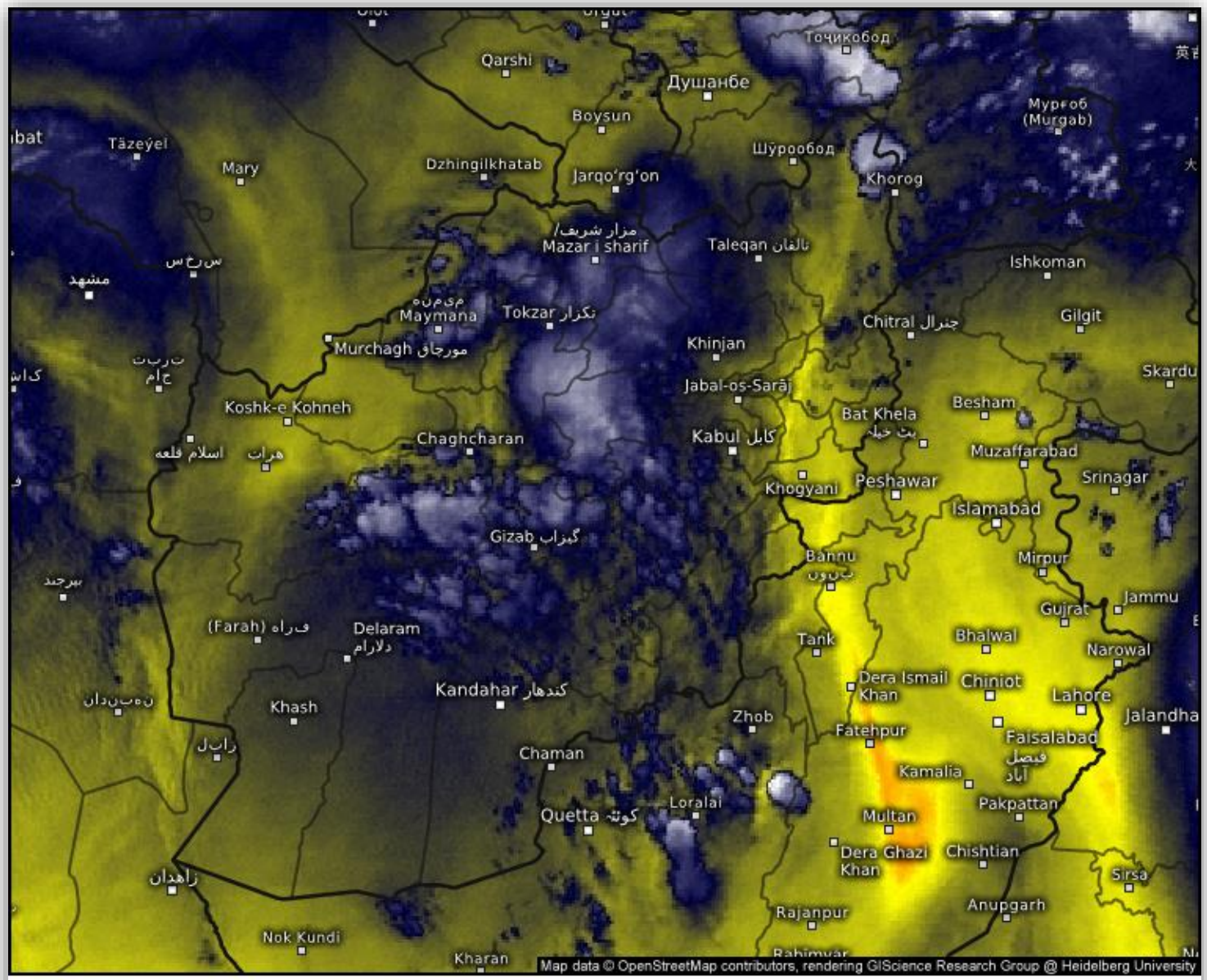
Satellite data: EUMETSAT

Cloud Top Height

2026-06-01 08:45(UTC)



Live satellite map, Afghanistan



Satellite Water Vapor

Mon 06/01/2026, 01:30pm GMT+0430

wet/cold — dry/warm

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Afghanistan

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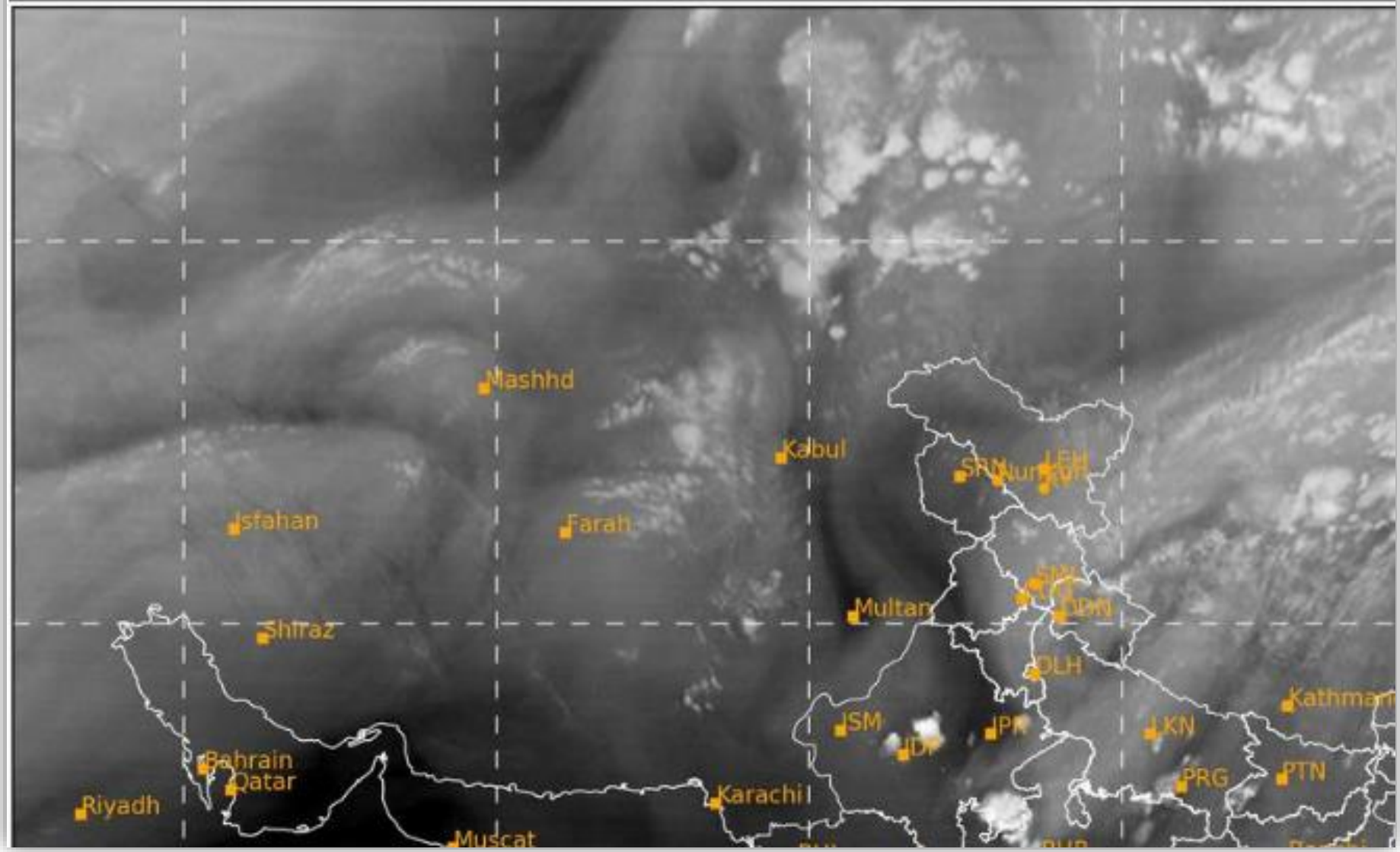
Satellite data: EUMETSAT

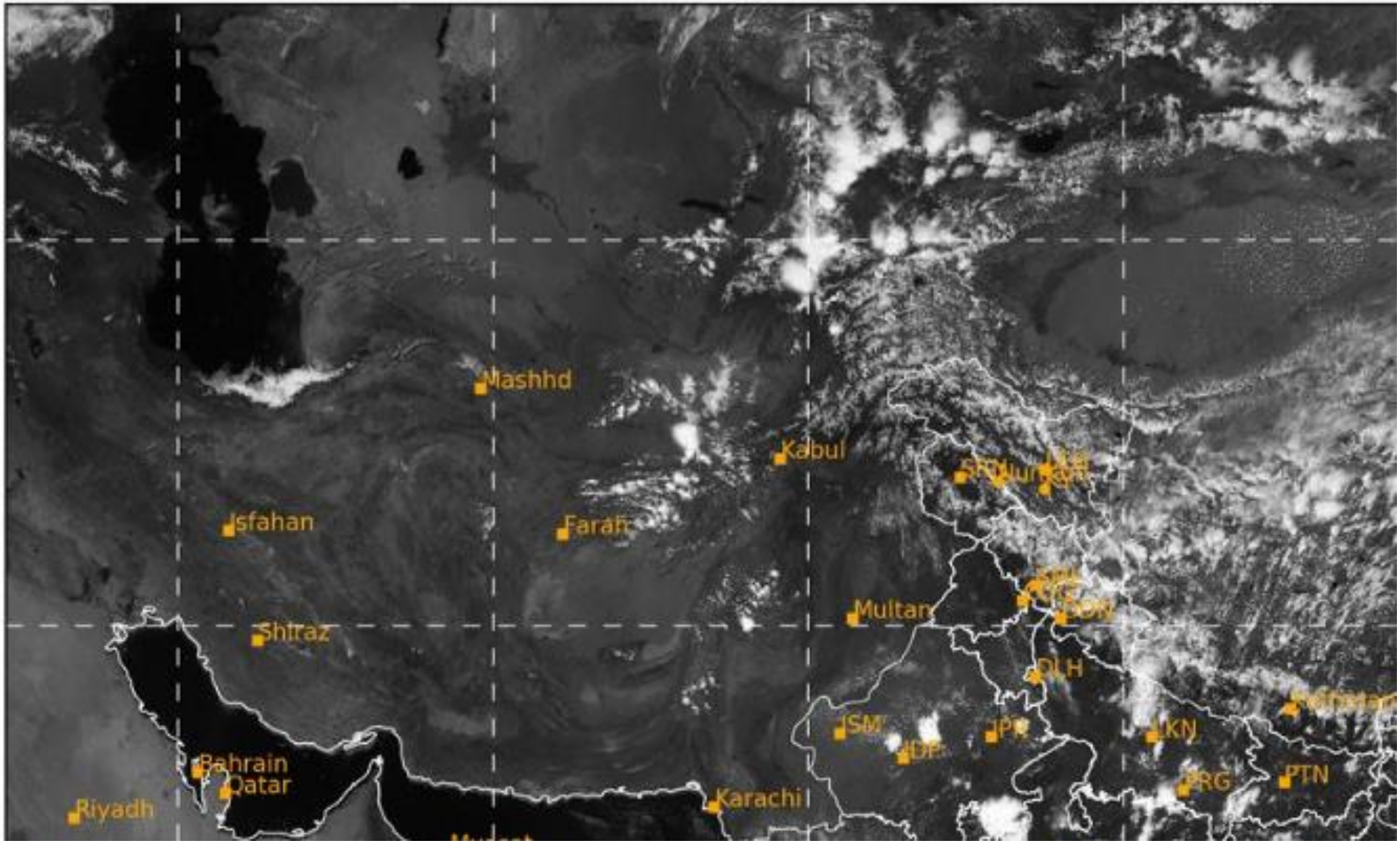
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

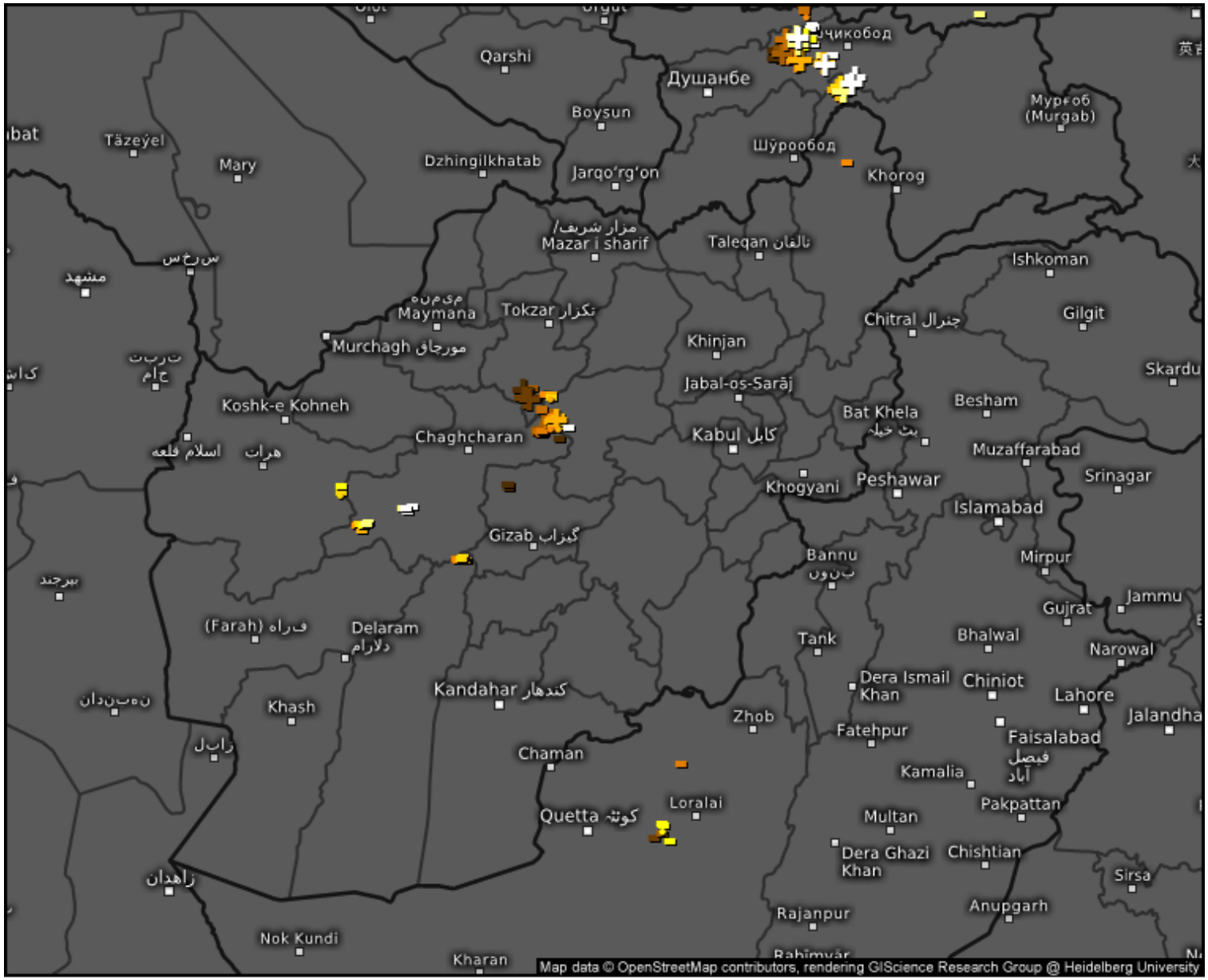
01-06-2026/(0745 to 0812) GMT
01-06-2026/(1315 to 1342) IST



SAT : INSAT-3DR IMG
Visible Count 0.65 um
L1C Mercator

01-06-2026/(0745 to 0812) GMT
01-06-2026/(1315 to 1342) IST





Age of lightning (minutes)

Mon 06/01/2026, 01:30pm GMT+0430

5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60

Afghanistan

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