



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



Daily reports of Satellite imagery analysis. Date & Time: 19-07-2026, 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	✓ dry	X	X	
2	South	X	X	X	X	X	✓ weak	X	X	
3	West	✓	X	X	X	X	✓ dry	X	X	
4	East	X	X	X	X	X	✓ weak	X	X	
5	central	X	X	X	X	X	✓ weak	X	X	
6	Northeast	X	X	X	✓	X	✓ weak	X	X	
7	Southeast	X	✓	X	X	X	✓ weak	X	X	
8	Northwest	✓	X	X	X	X	✓ dry	X	X	
9	Southwest	X	X	X	X	X	✓ weak	X	X	

Details: according to satellite imagery analysis, the northern, western and northwestern areas are warm air mass. the southeastern area is weak dust. The northeastern area is partly cloudy. The southern, eastern, central, northeastern, southeastern and southwestern areas are weak water vapor but the northern, western, and northwestern areas are dry.

Reported by: Mohammad Jawed Moradi.

Not: X (Not existing phenomena) v (existing phenomena)

UTC: 2026-07-19 06:00

AirMass

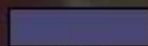


Thick,
high-level cloud



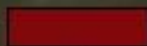
Thick,

mid-level cloud



Thick,

low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)

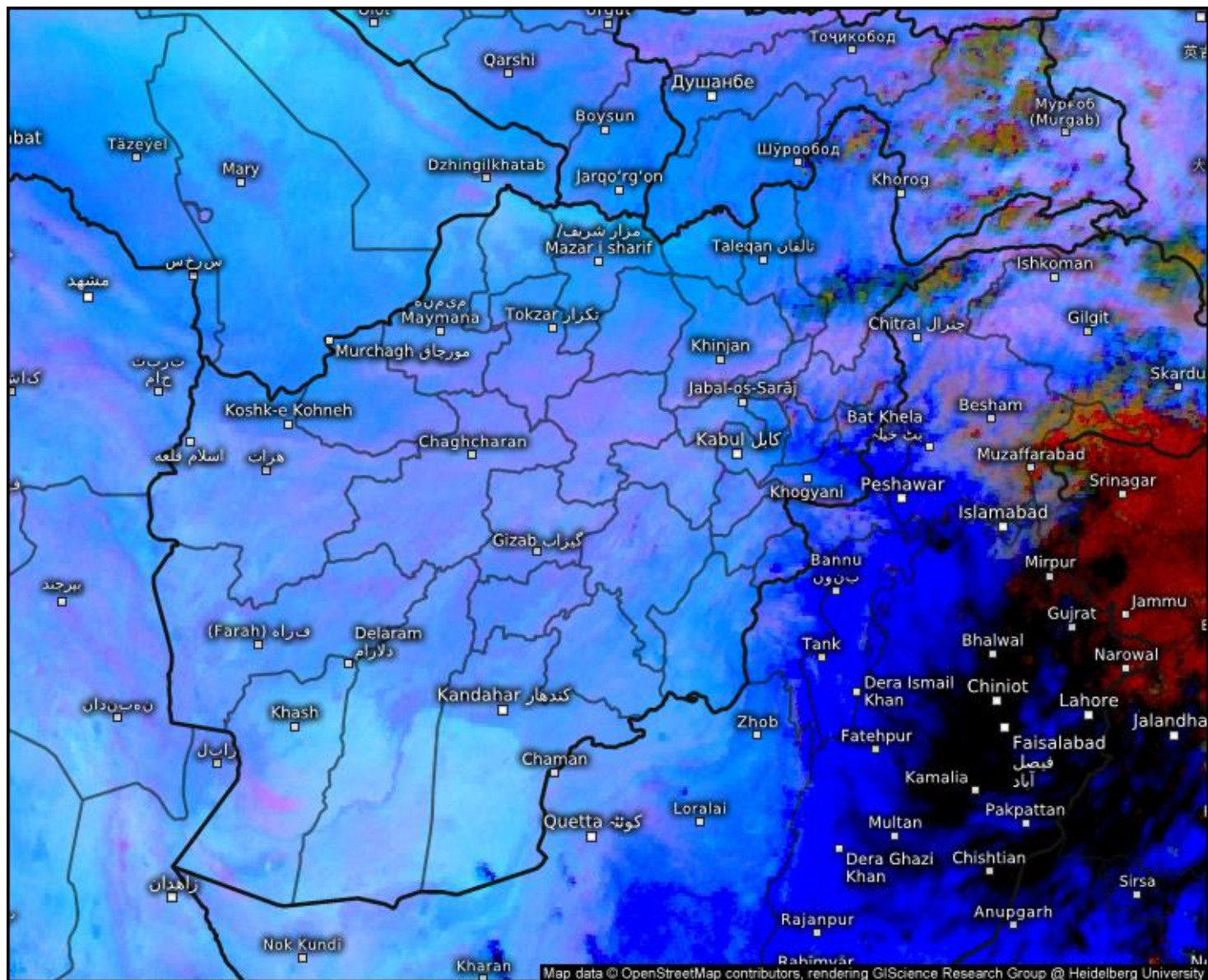


Warm Airmass
(low UTH)

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)





Satellite Dust

Sun 07/19/2026, 10:30am GMT+0430

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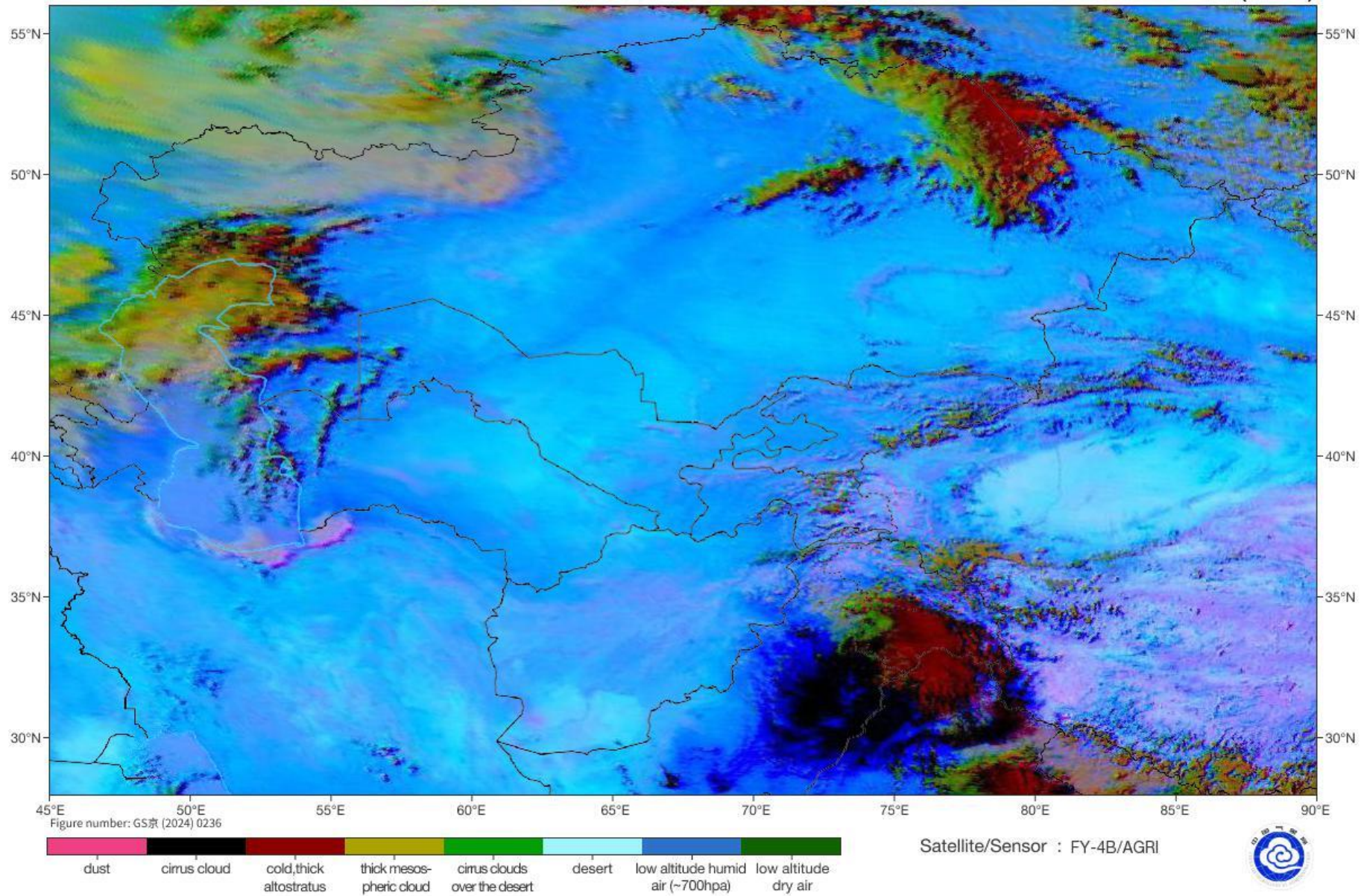
Afghanistan

 **meteologix**

Satellite data: EUMETSAT

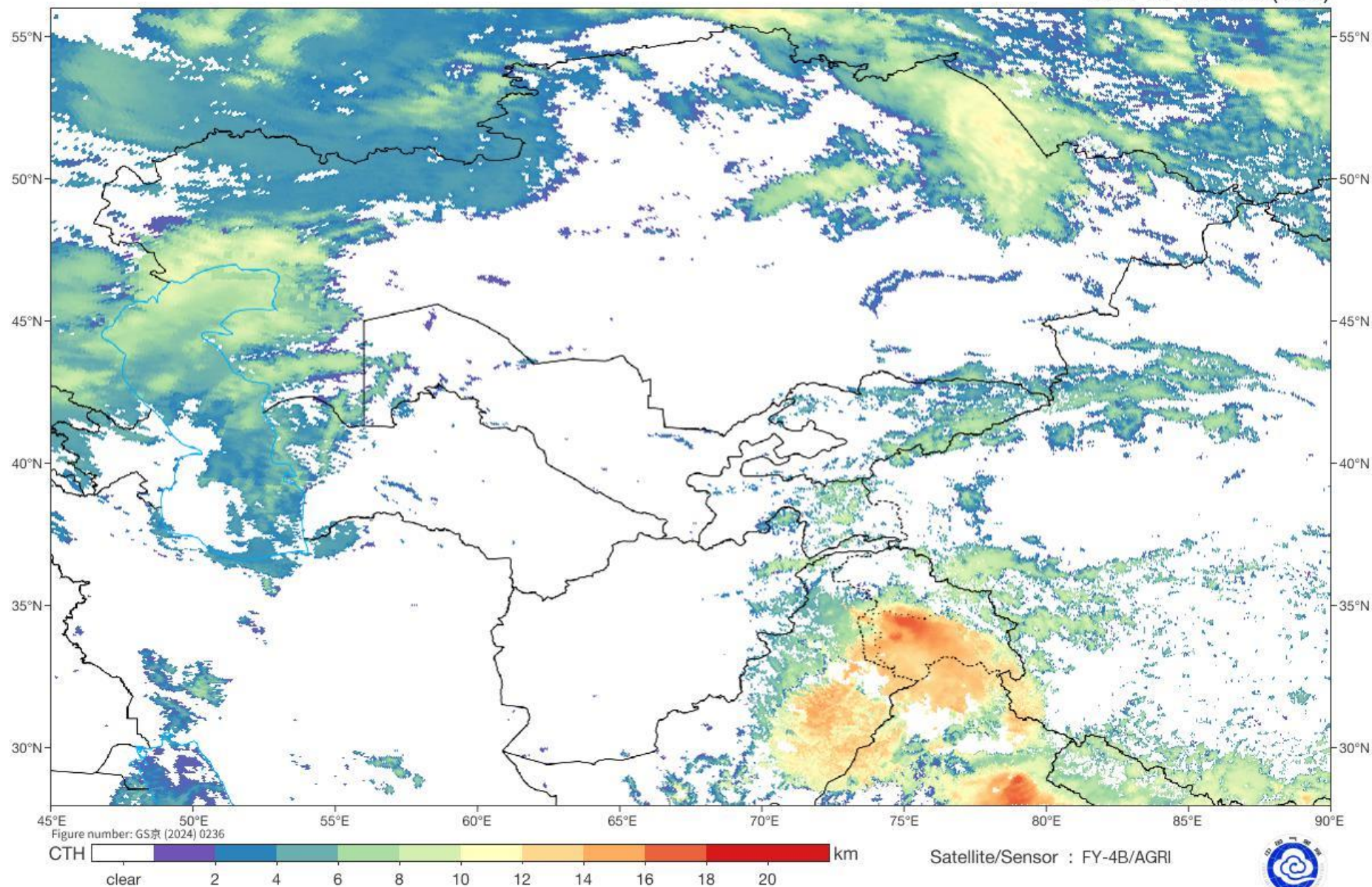
Sand And Dust Identification

2026-07-19 06:00(UTC)

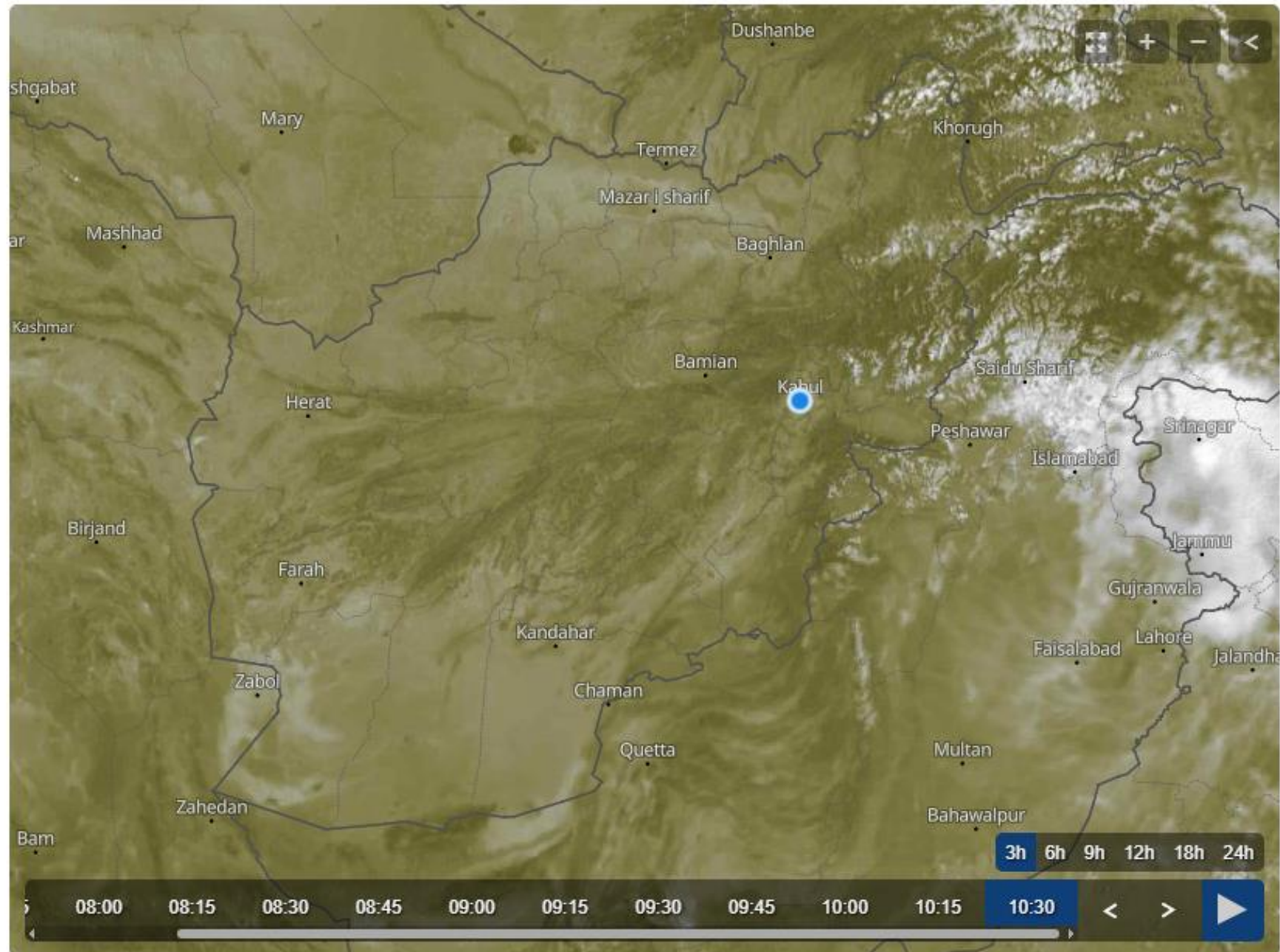


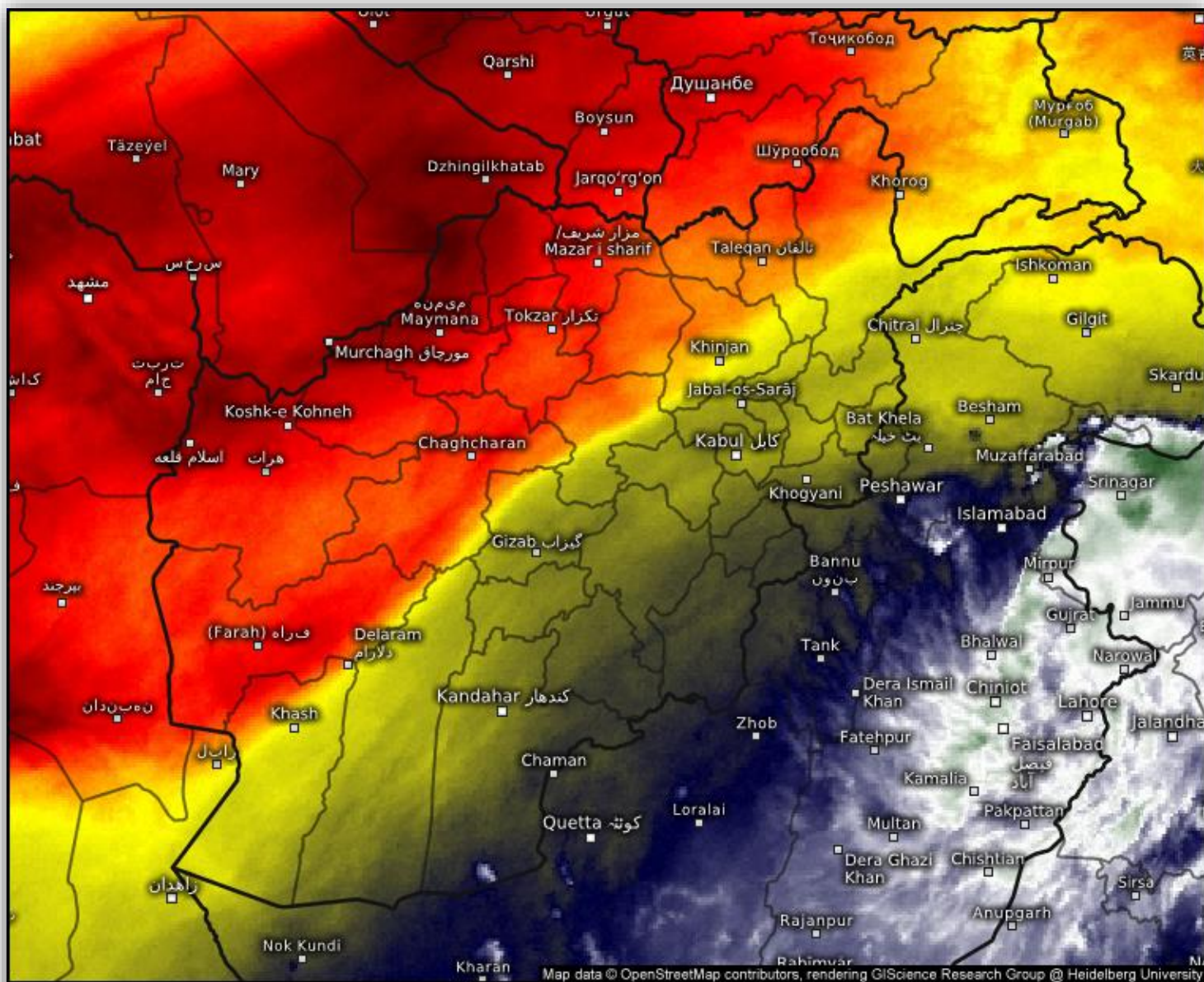
Cloud Top Height

2026-07-19 06:00(UTC)



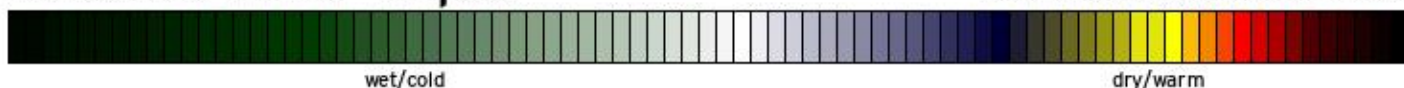
Live satellite map, Afghanistan





Satellite Water Vapor

Sun 07/19/2026, 10:30am GMT+0430



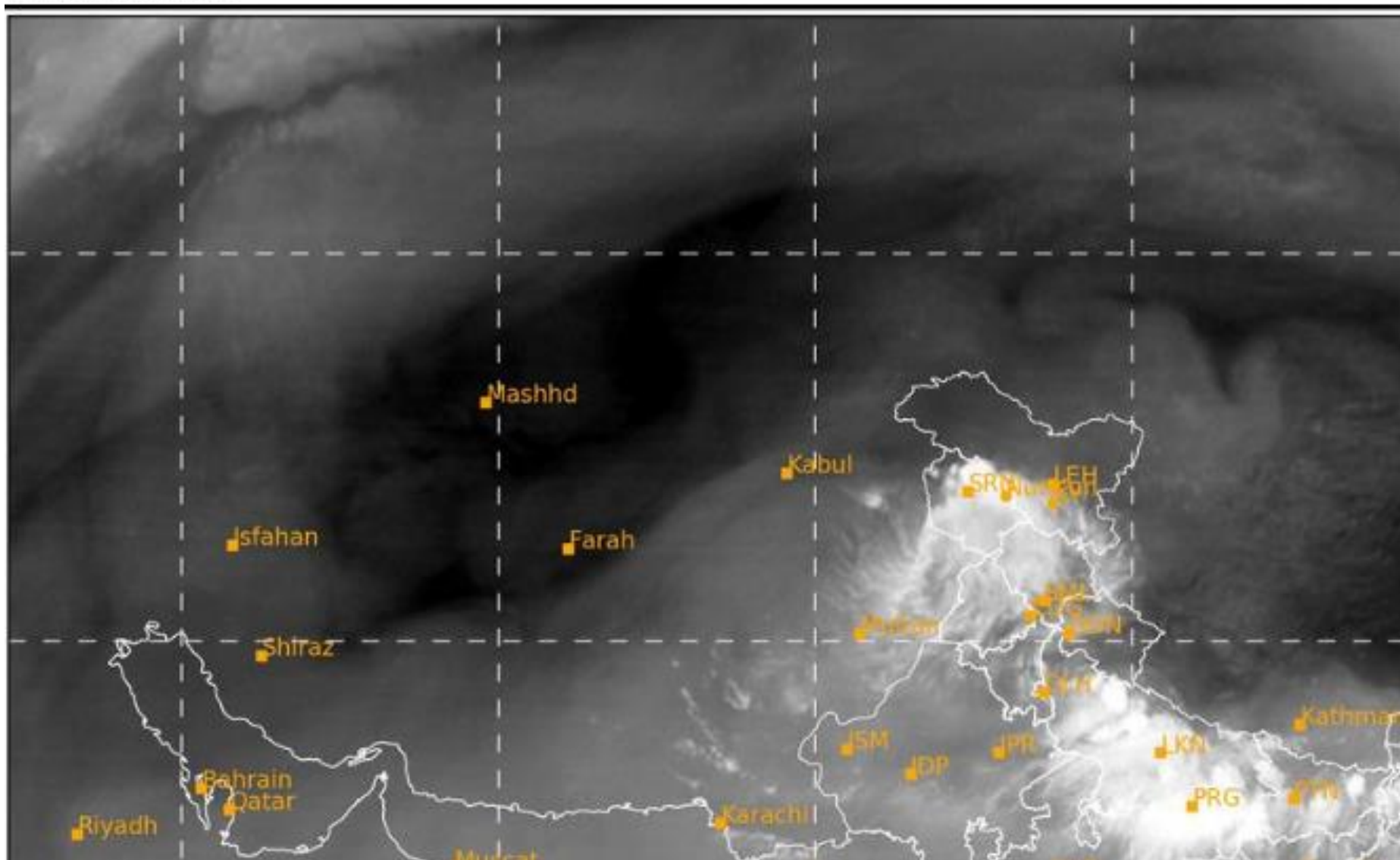
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Afghanistan

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Satellite data: EUMETSAT

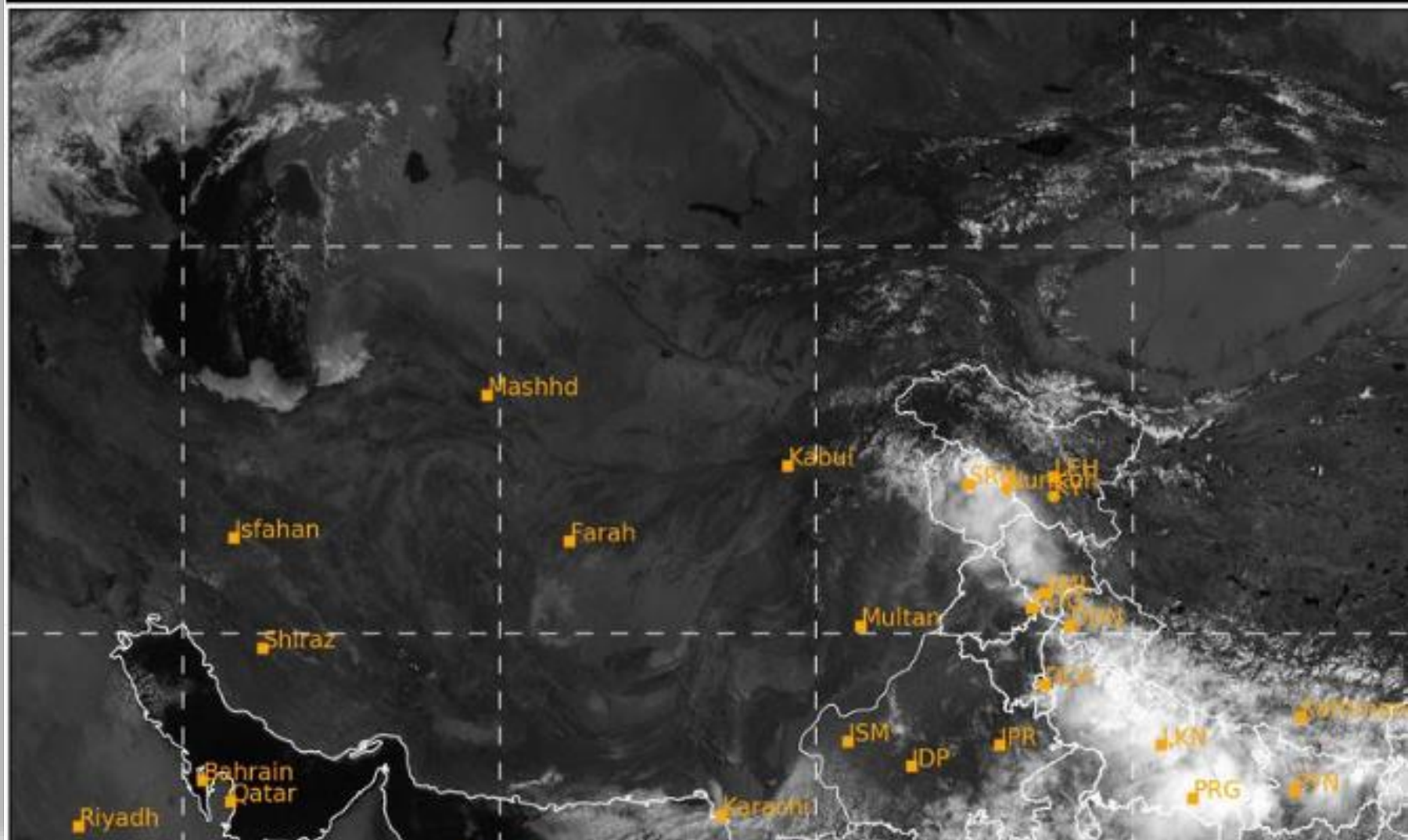
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

19-07-2026/(0445 to 0512) GMT
19-07-2026/(1015 to 1042) IST



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

19-07-2026/(0445 to 0512) GMT
19-07-2026/(1015 to 1042) IST



Land Surface Temperature

2026-07-19 06:00(UTC)

