



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



Daily reports of Satellite imagery analysis. Date & Time: 20-07-2026, 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	✓ weak	X	X	
3	West	✓	✓	X	X	X	✓ dry	X	X	
4	East	✓	X	✓	✓	X	✓ dry	X	X	
5	central	✓	✓	X	X	X	✓ dry	X	X	
6	Northeast	X	X	X	✓	X	✓ dry	X	X	
7	Southeast	✓	X	X	X	X	✓ dry	X	X	
8	Northwest	✓	X	X	X	X	✓ dry	X	X	
9	Southwest	✓	X	X	X	X	✓ weak	X	X	

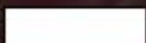
Details: according to satellite imagery analysis, almost the all regions are warm air mass. the western and central areas are weak dust. The eastern area is thunder storm. The eastern and northeastern areas are partly cloudy. The southern and southwestern areas are weak water vapor but the northern,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

Reported by: Mohammad Jawed Moradi.

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

UTC: 2026-07-20 06:00

AirMass



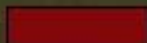
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



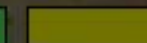
Jet



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)



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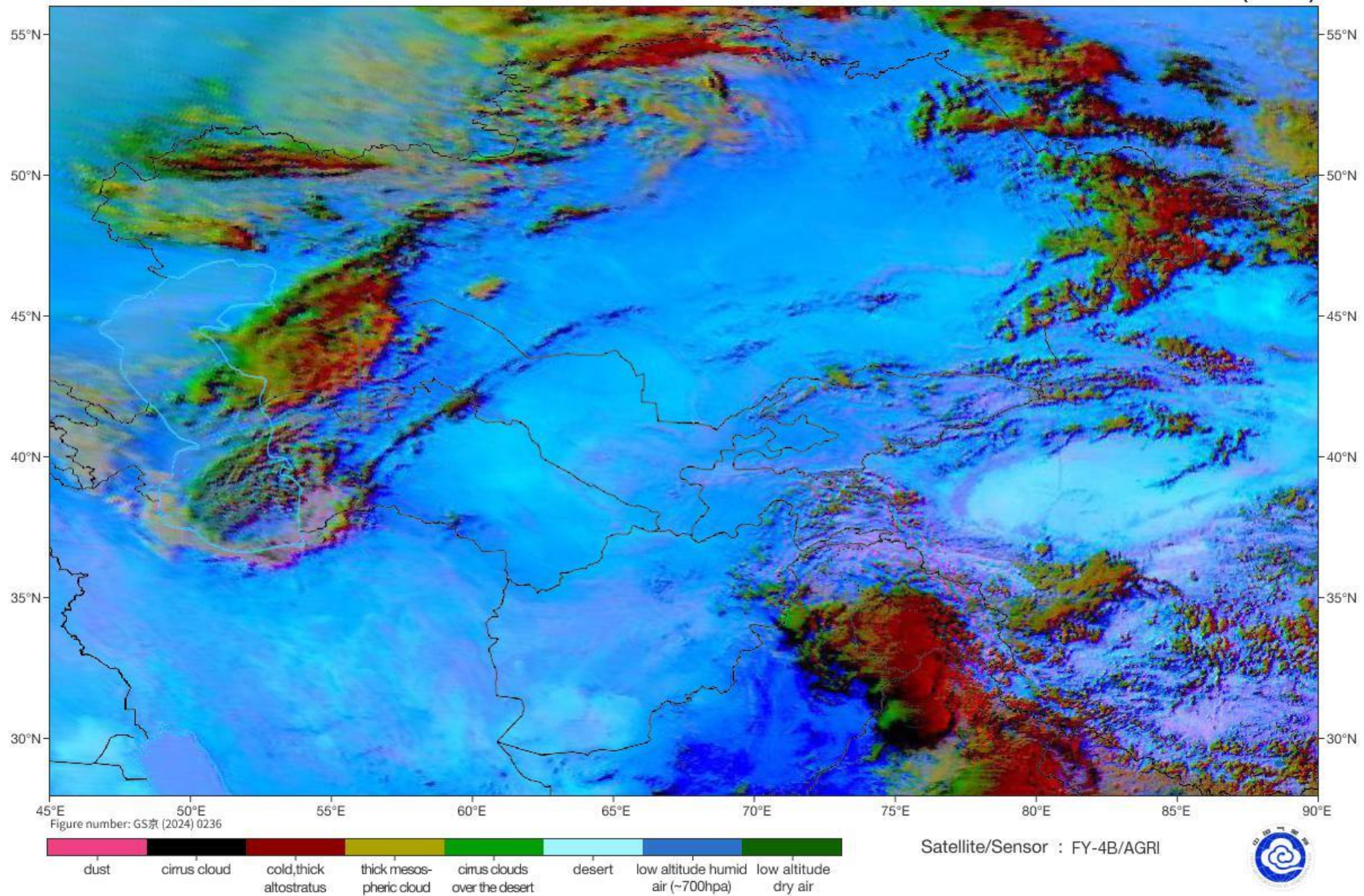
Afghanistan

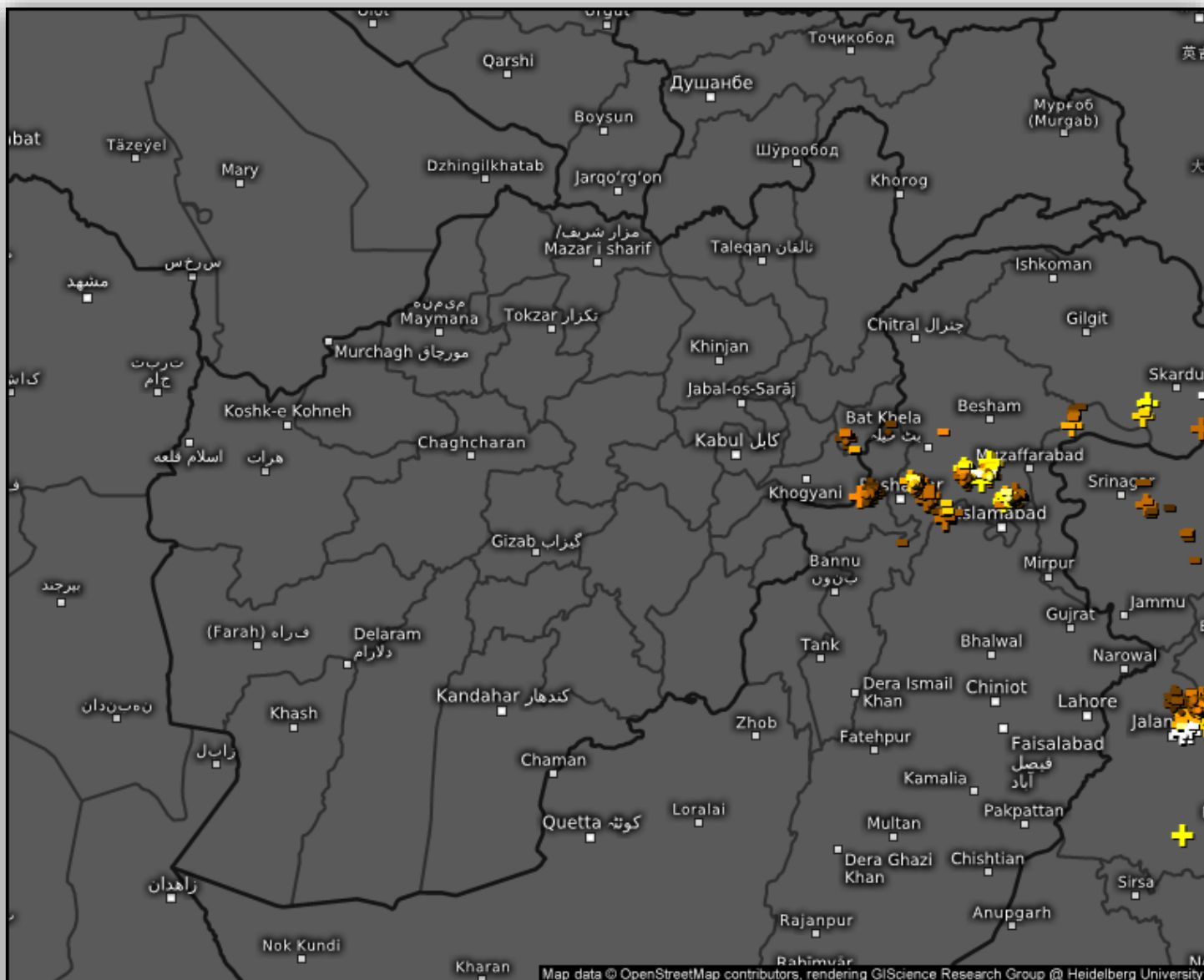


Satellite data: EUMETSAT

Sand And Dust Identification

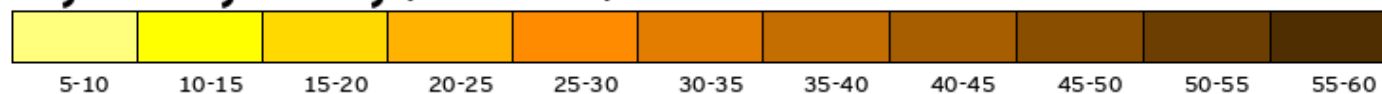
2026-07-20 06:00(UTC)





Age of lightning (minutes)

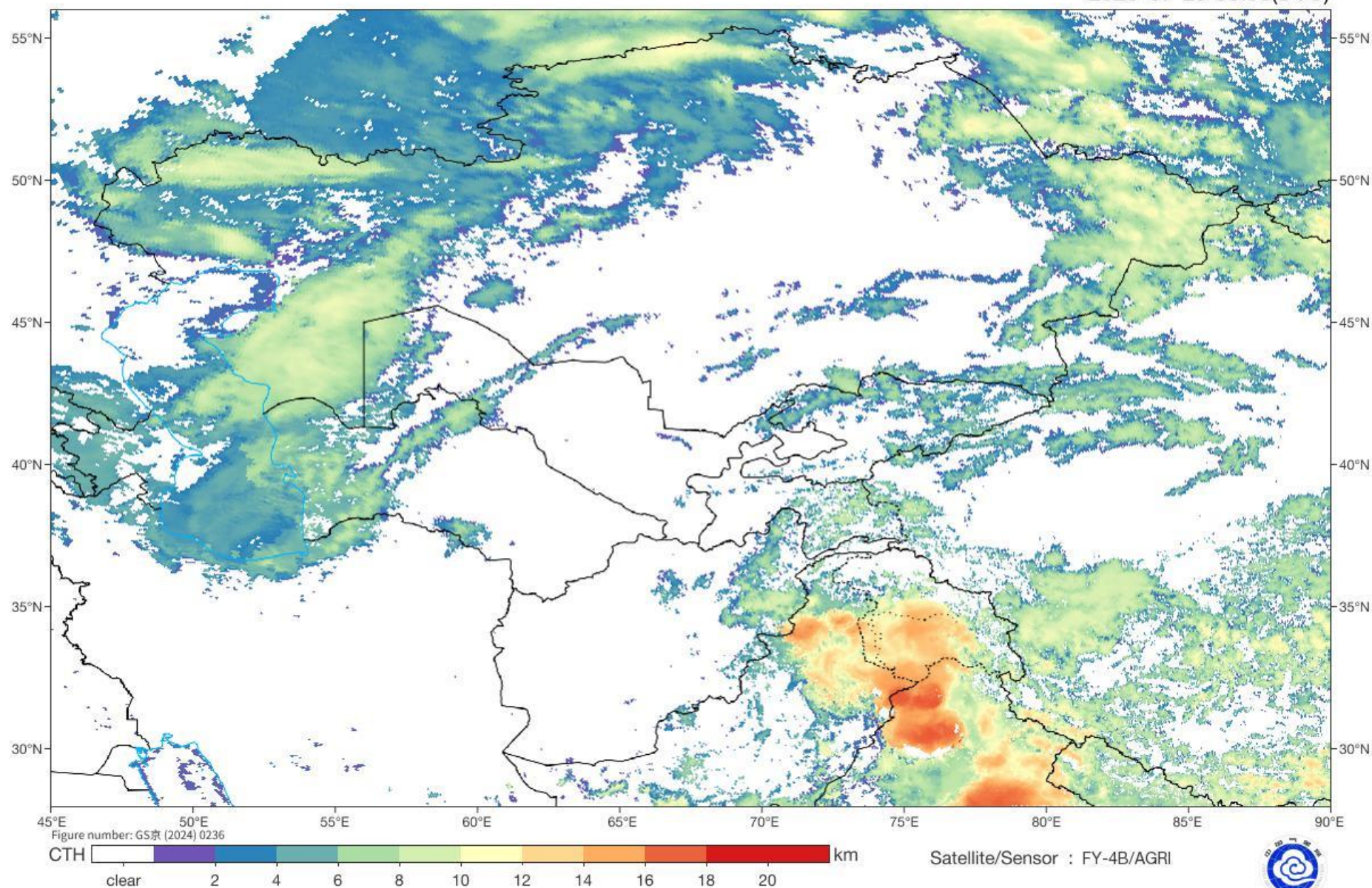
Mon 07/20/2026, 10:30am GMT+0430



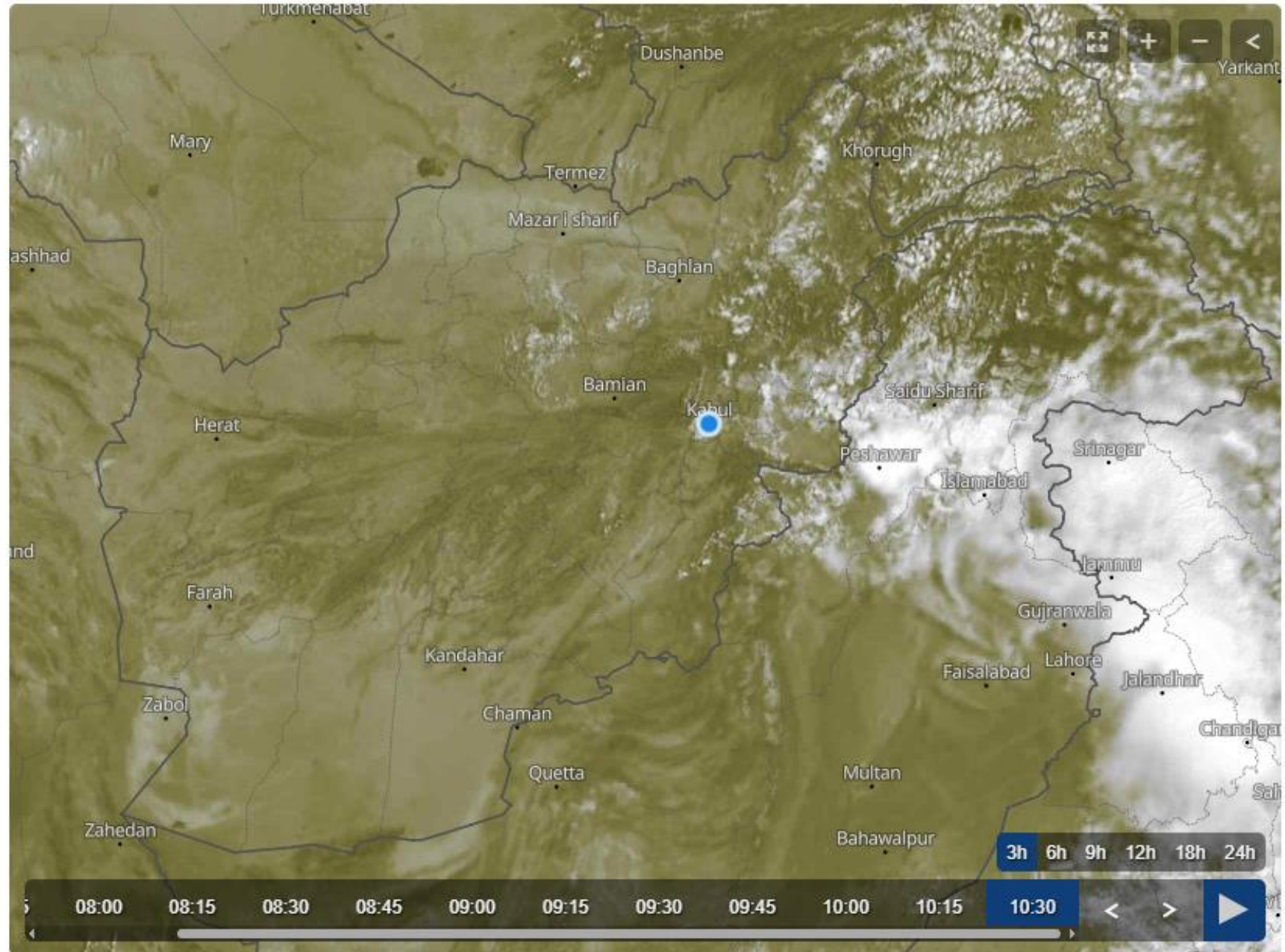
Afghanistan

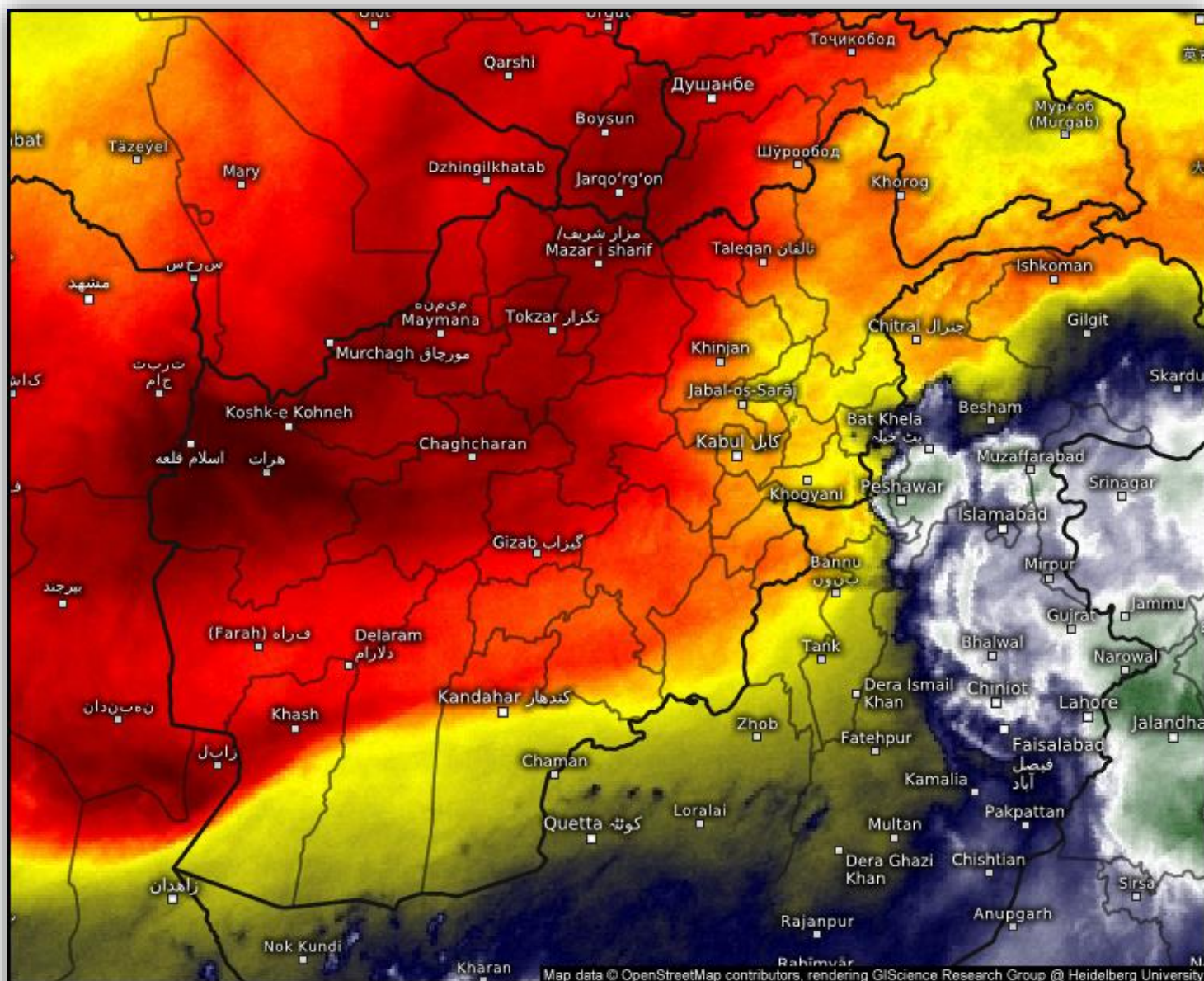
Cloud Top Height

2026-07-20 06:00(UTC)



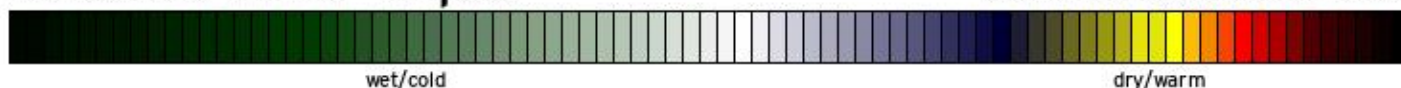
Live satellite map, Afghanistan





Satellite Water Vapor

Mon 07/20/2026, 10:30am GMT+0430



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Afghanistan

meteologix

Satellite data: EUMETSAT

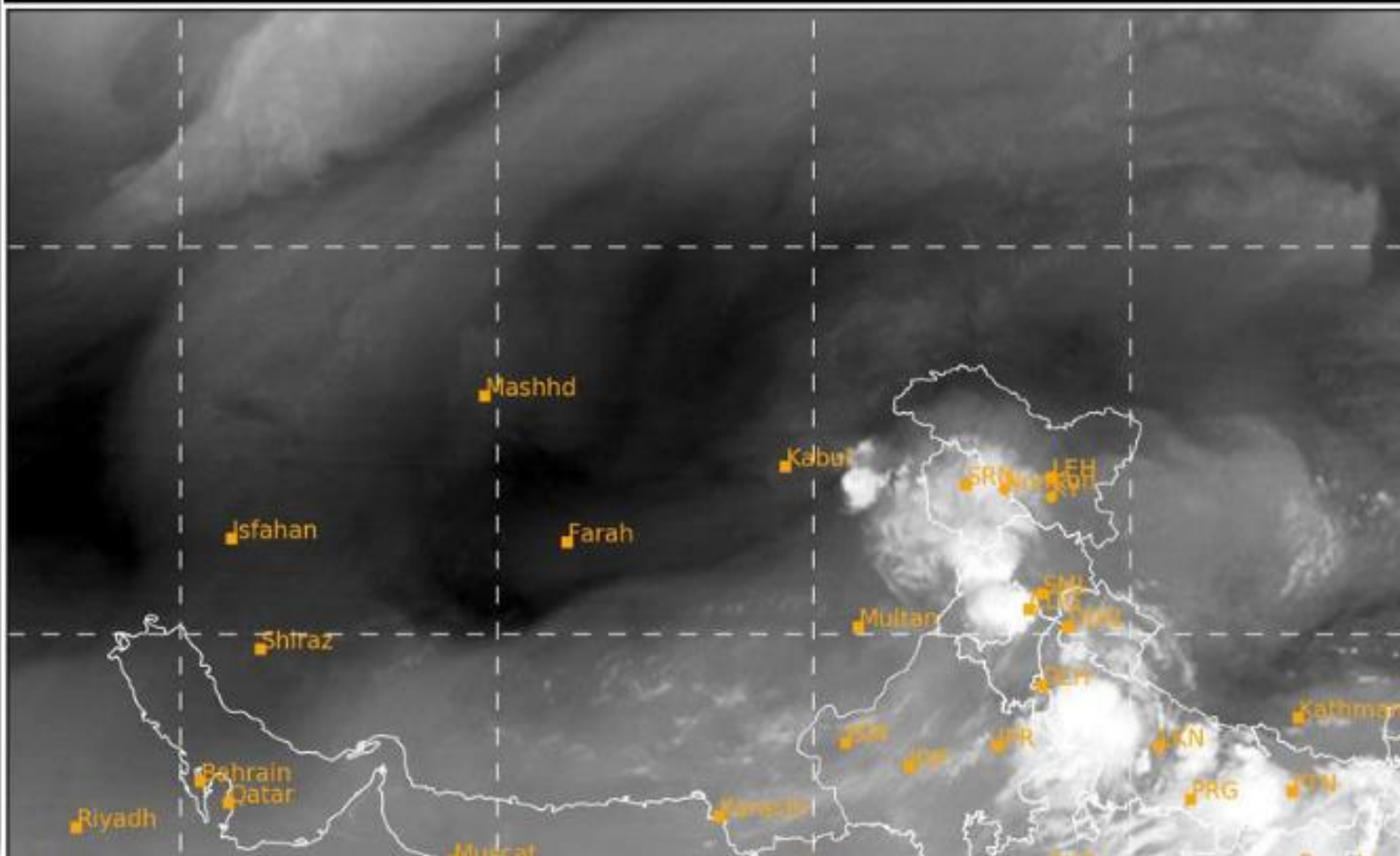
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

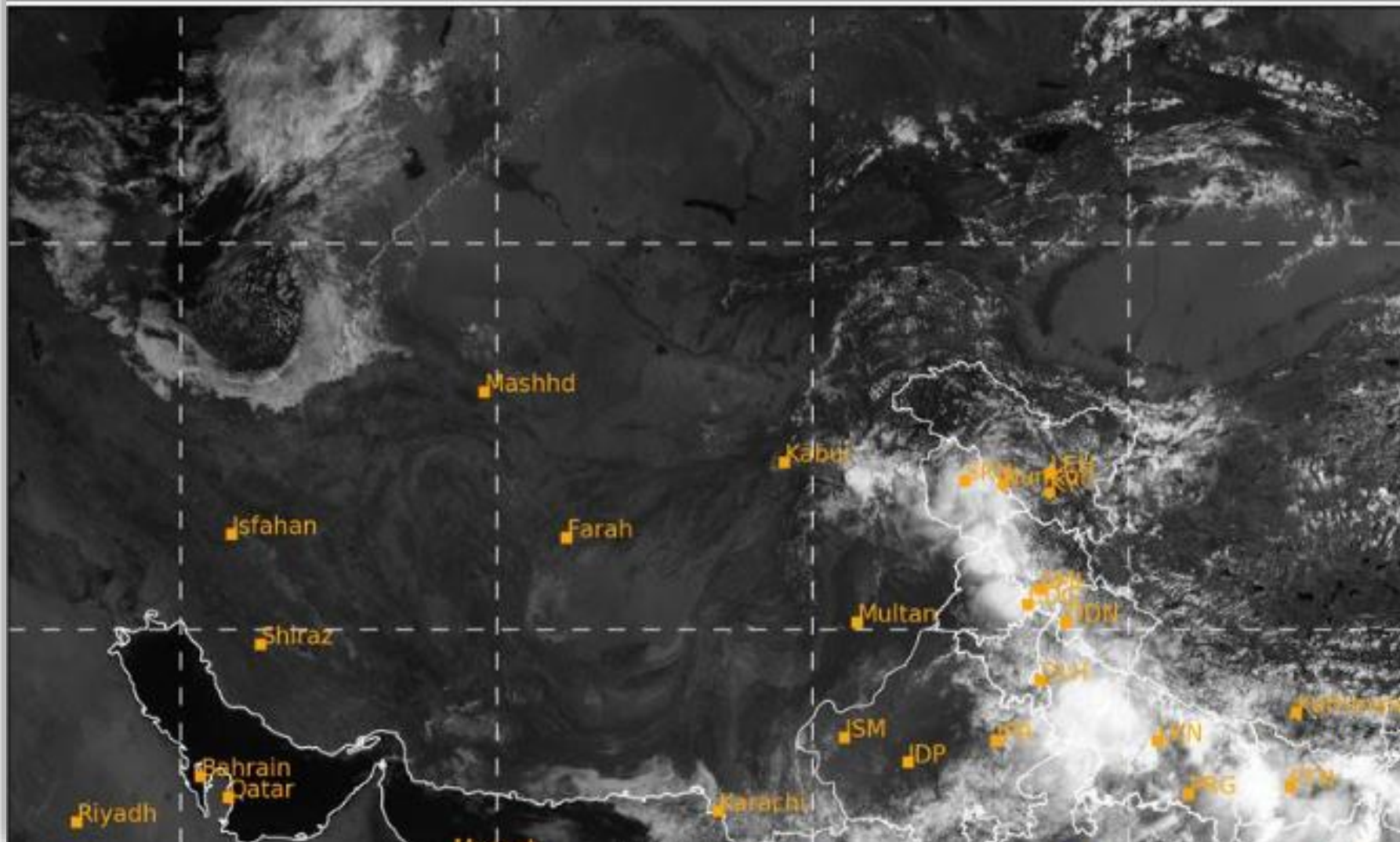
20-07-2026/(0445 to 0512) GMT

20-07-2026/(1015 to 1042) IST



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

20-07-2026/(0445 to 0512) GMT
20-07-2026/(1015 to 1042) IST



Land Surface Temperature

2026-07-20 06:00(UTC)

