



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



Daily reports of Satellite imagery analysis. Date & Time: 14-09-2026, 11:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓	X	X	
2	South	✓	✓	X	X	X	✓	X	X	
3	West	✓	✓	X	✓	X	✓	X	X	
4	East	✓	X	X	✓	X	✓	X	X	
5	central	✓	✓	X	X	X	✓	X	X	
6	Northeast	✓	✓	X	✓	X	✓	X	X	
7	Southeast	✓	✓	X	X	X	✓	X	X	
8	Northwest	✓	✓	X	X	X	✓	X	X	
9	Southwest	✓	X	X	X	X	✓	X	X	

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

Note: ✓(existing phenomena) X (Not existing phenomena)

Reported by: Mohammad Jawed Moradi

Legend:

Dust		Water vapor		Air mass		Thunder storm	Cloud	Fog	Jet stream	Cyclone & Anticyclone	
Weak Dust	Dust storm	Weak	Dry	Moderate	Warm	Cold					

UTC: 2026-09-14 10:45

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)

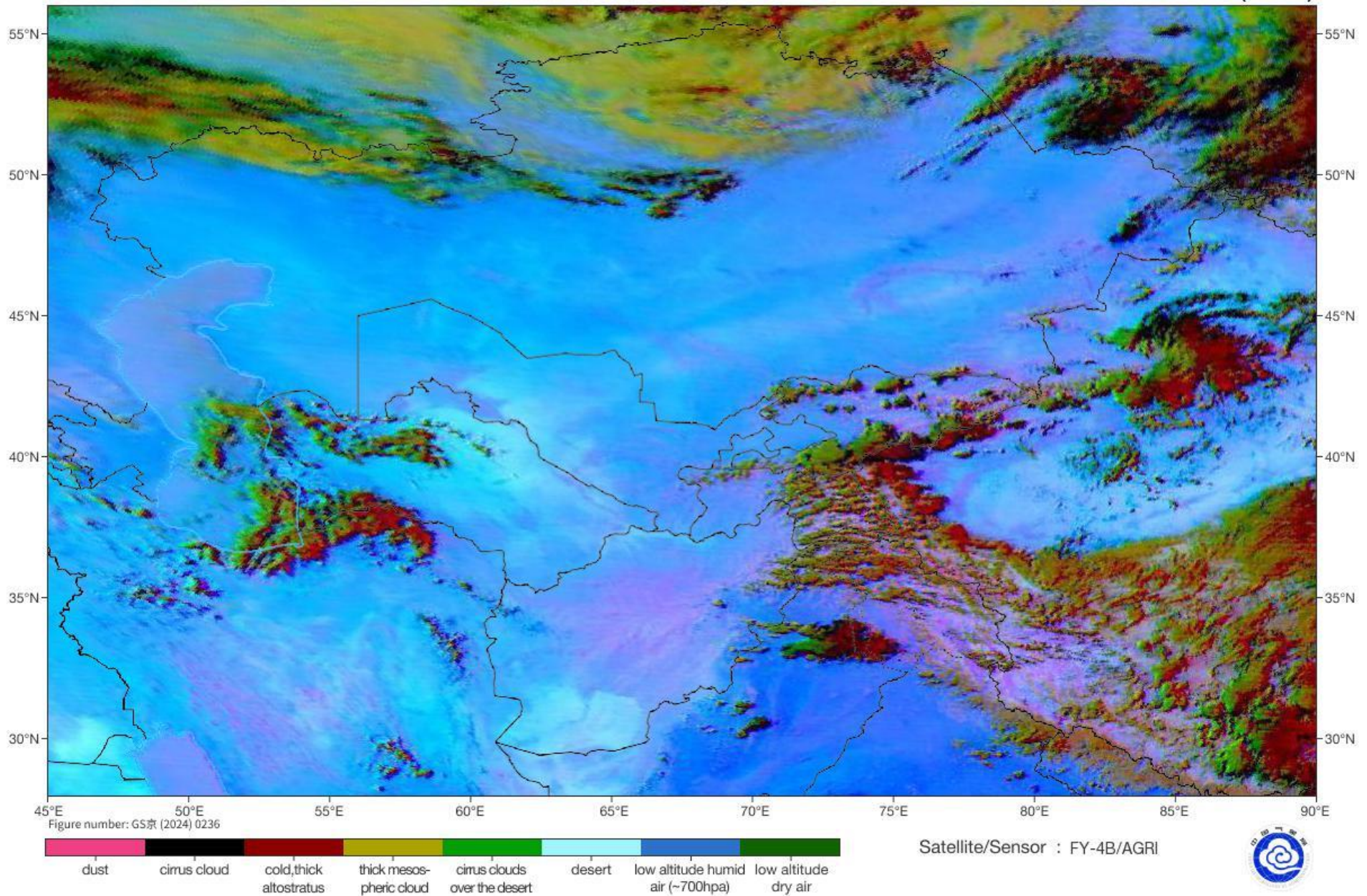
B = WV (6.25)

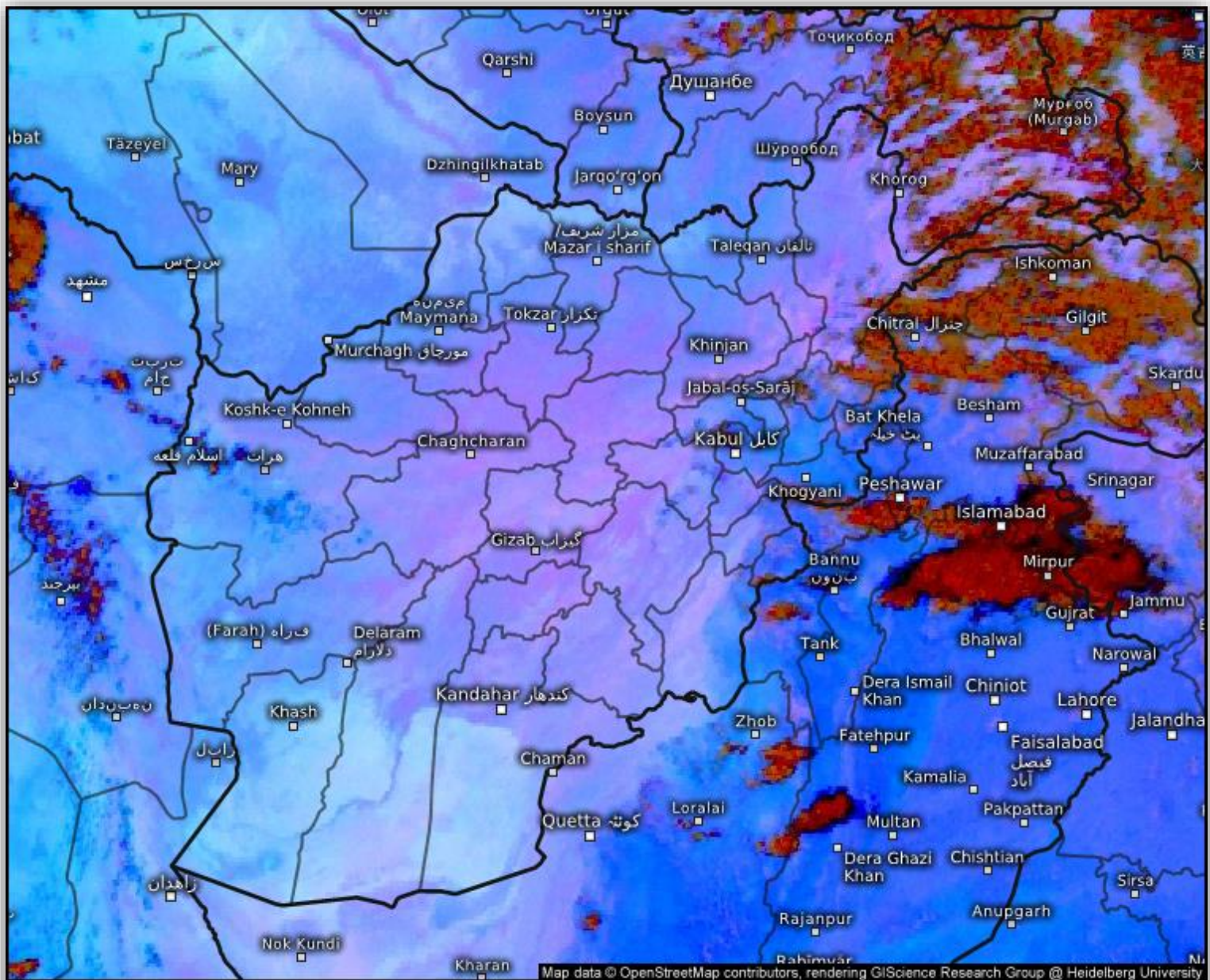
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-09-14 10:45(UTC)





Satellite Dust

Mon 09/14/2026, 03:15pm GMT+0430

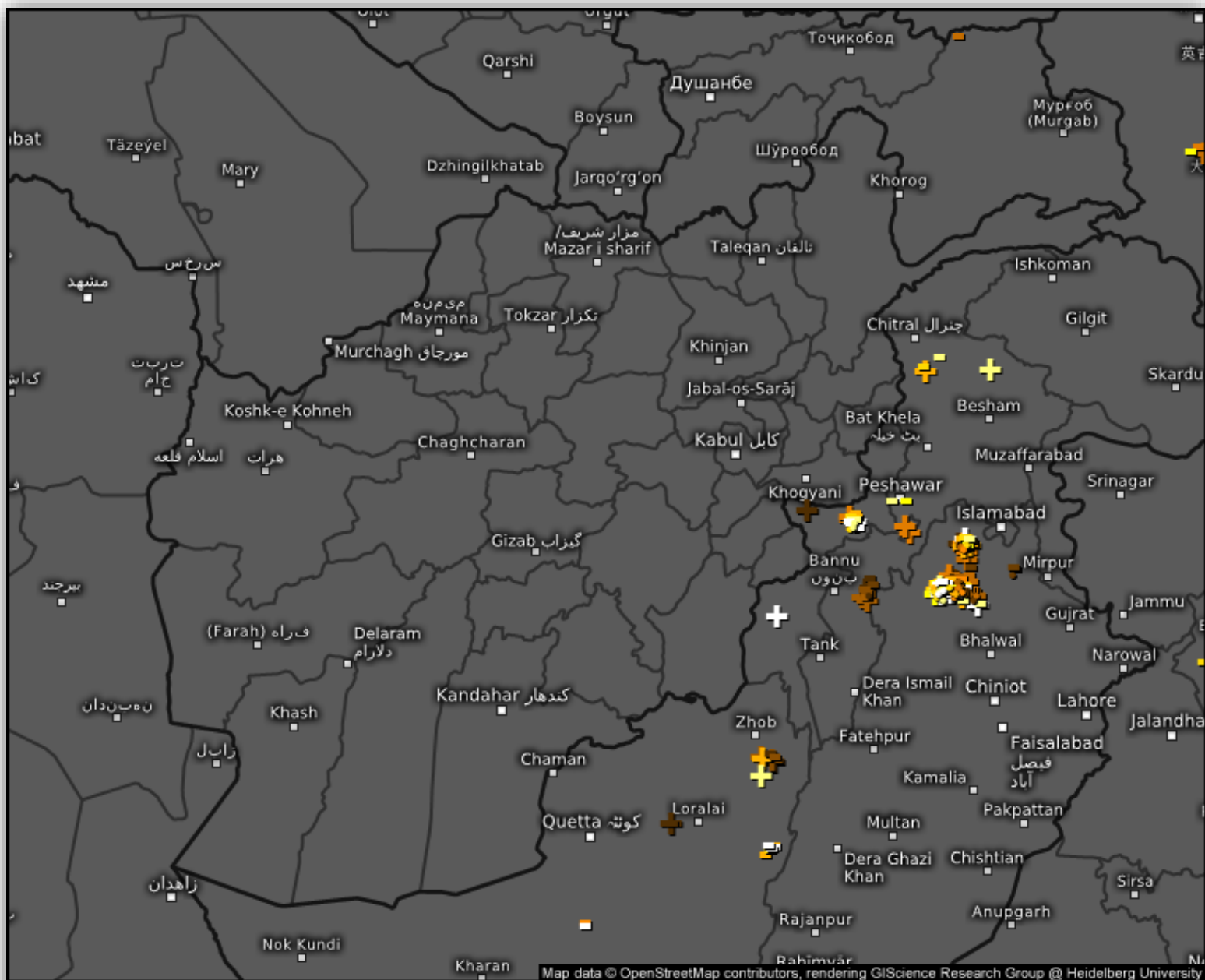
© Kachelmann GmbH - Download for private use only!

Sharing: Please get the pic's permalink from share button top right

Afghanistan

 **meteologix**

Satellite data: EUMETSAT



Age of lightning (minutes)

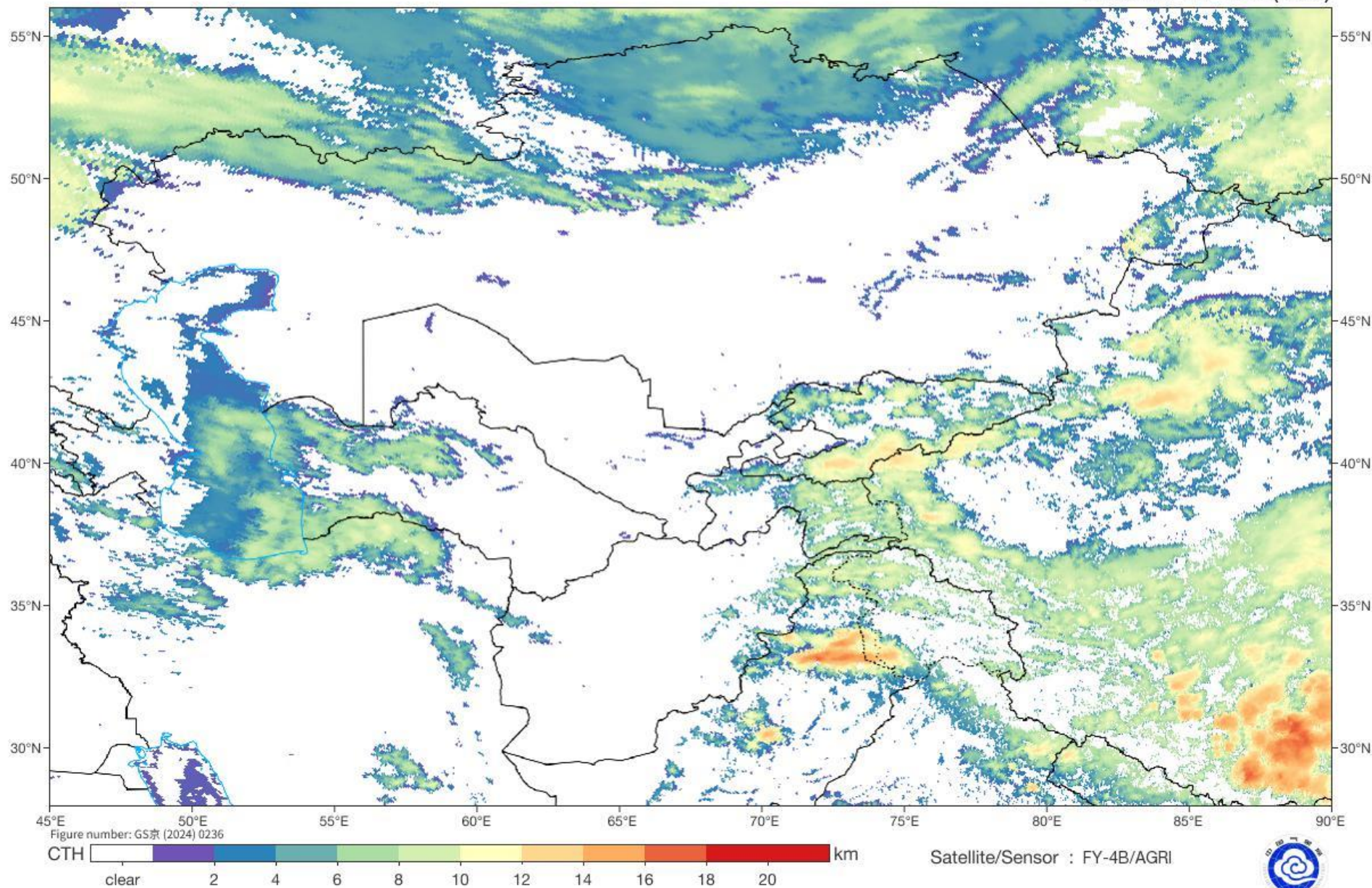
Mon 09/14/2026, 03:30pm GMT+0430



Afghanistan

Cloud Top Height

2026-09-14 10:45(UTC)



Live satellite map, Afghanistan



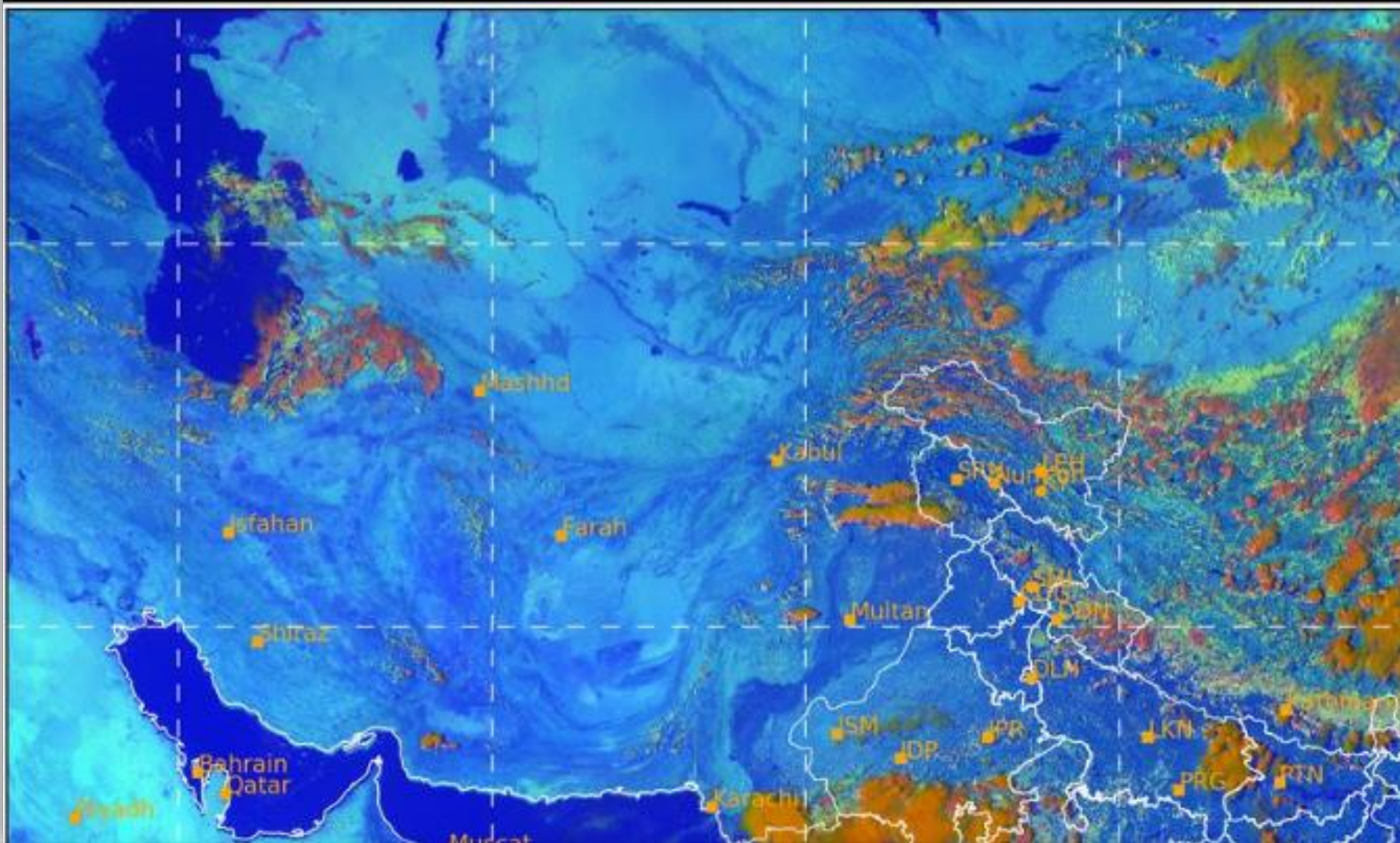
SAT : INSAT-3DR IMG

14-09-2026/(0945 to 1012) GMT

Day Microphysics: VIS_REFL (R), SWIR_REFL (G), TIR1_BT (B)

L1C Mercator

14-09-2026/(1515 to 1542) IST



O

100% 0

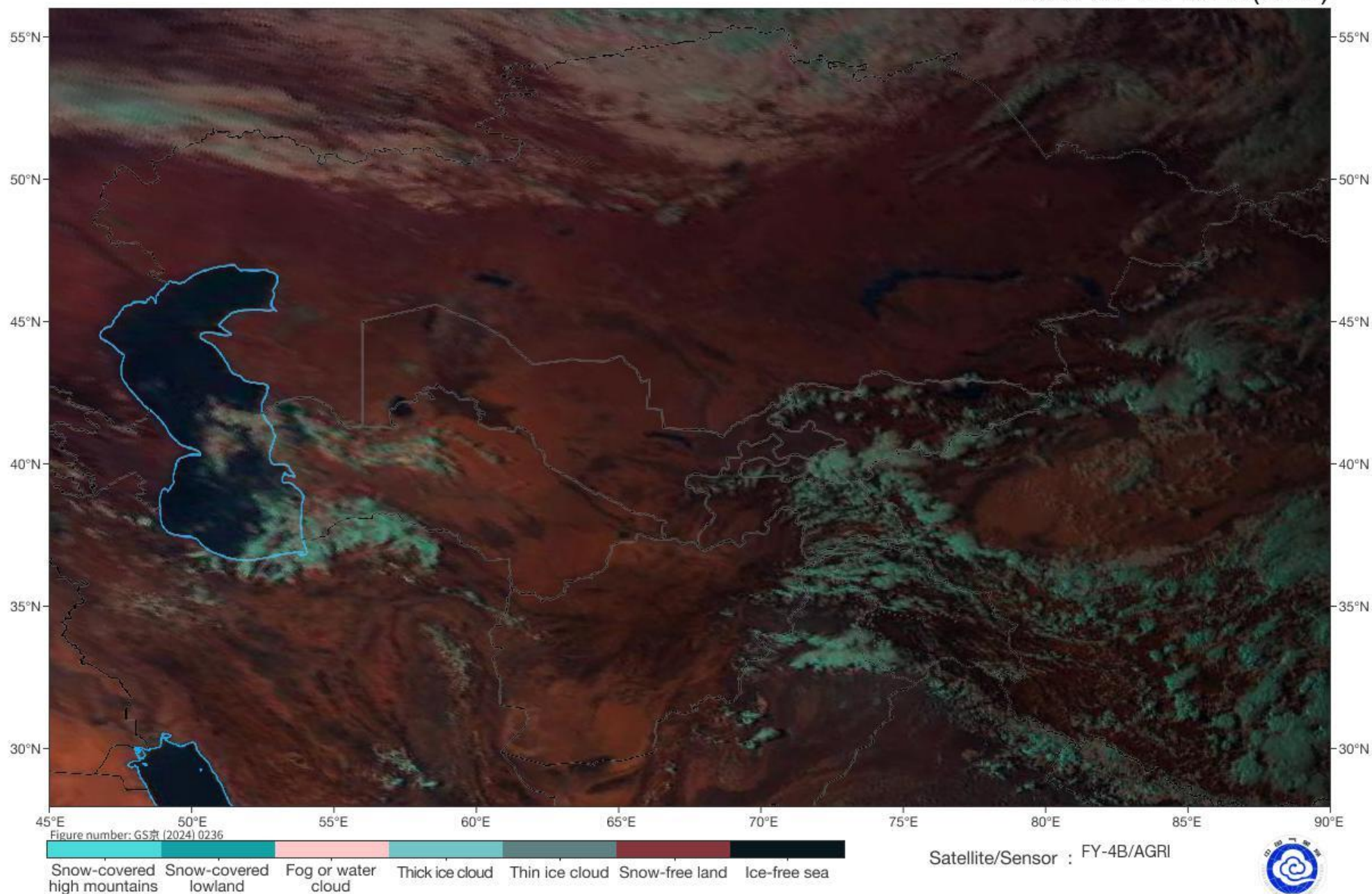
60% 203

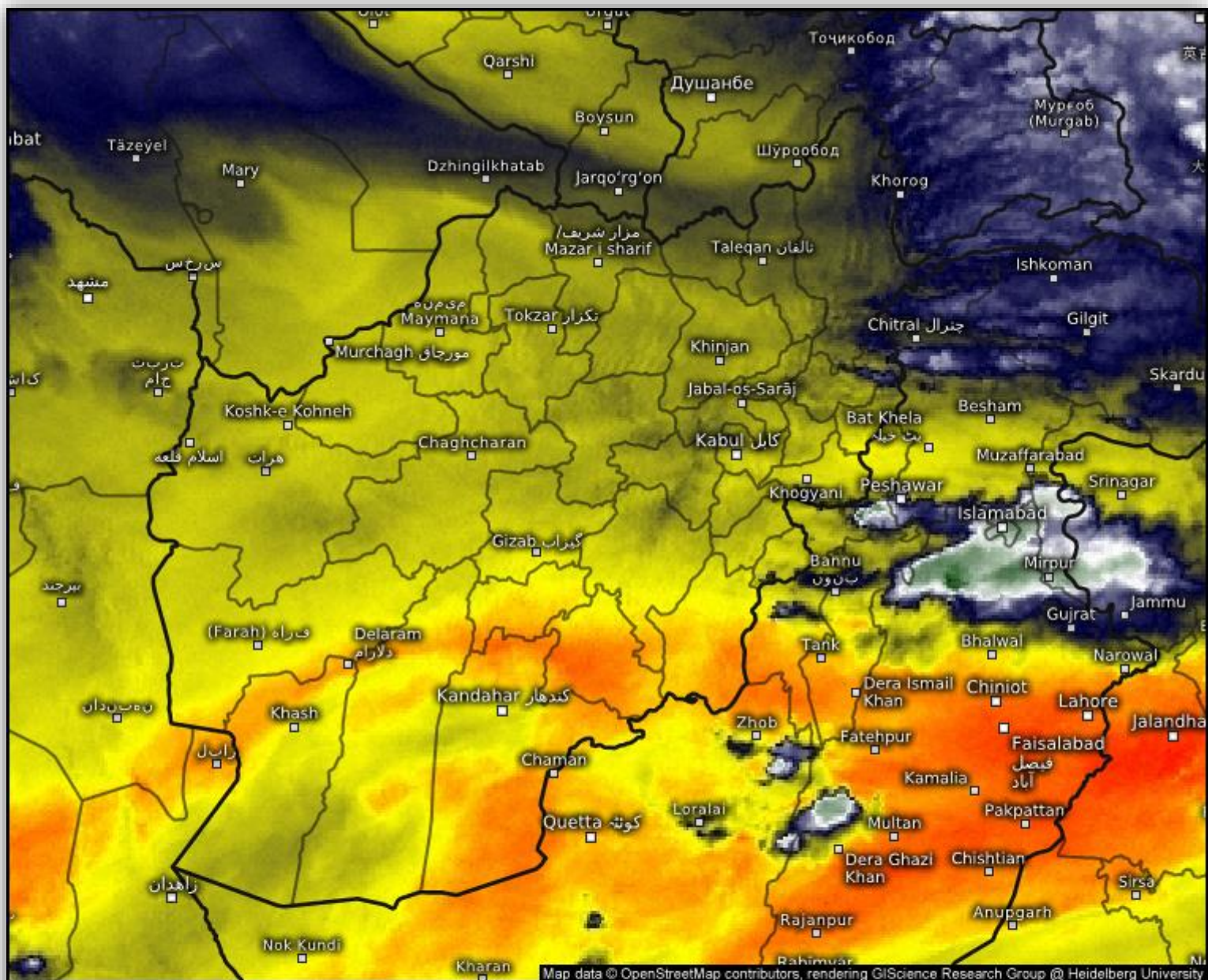
323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

Fog Identification

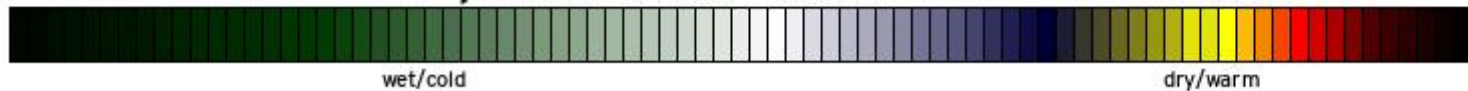
2026-09-14 10:45(UTC)





Satellite Water Vapor

Mon 09/14/2026, 03:15pm GMT+0430



© Kachelmann GmbH - Download for private use only!

Sharing: Please get the pic's permalink from share button top right

Afghanistan

meteologix

Satellite data: EUMETSAT

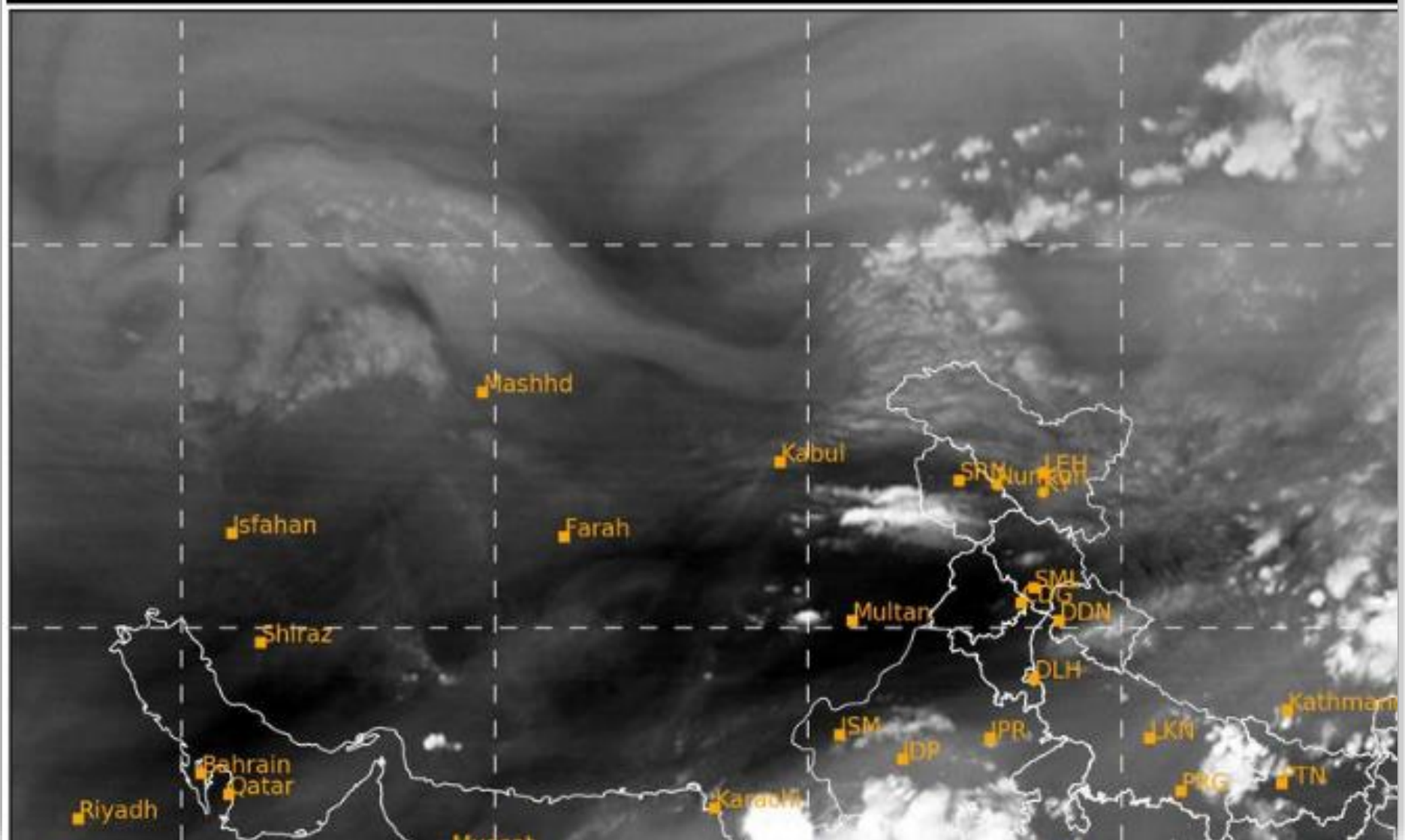
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

14-09-2026/(0945 to 1012) GMT

14-09-2026/(1515 to 1542) IST



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

14-09-2026/(0945 to 1012) GMT
14-09-2026/(1515 to 1542) IST

