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

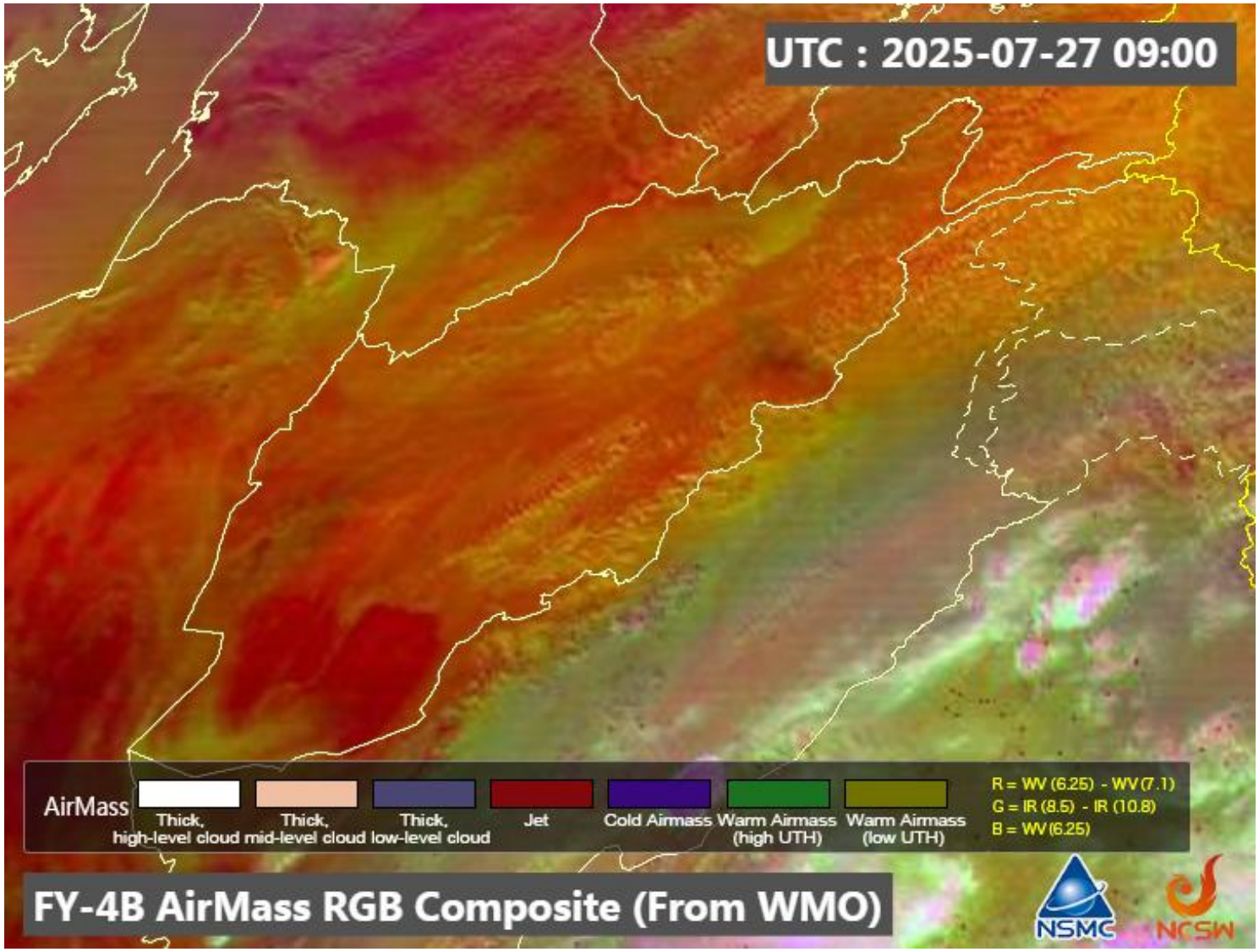
Daily reports of Satellite imagery analysis. Date & Time: 27/07/2025, 09:00 UTC, Number of reports: 1148

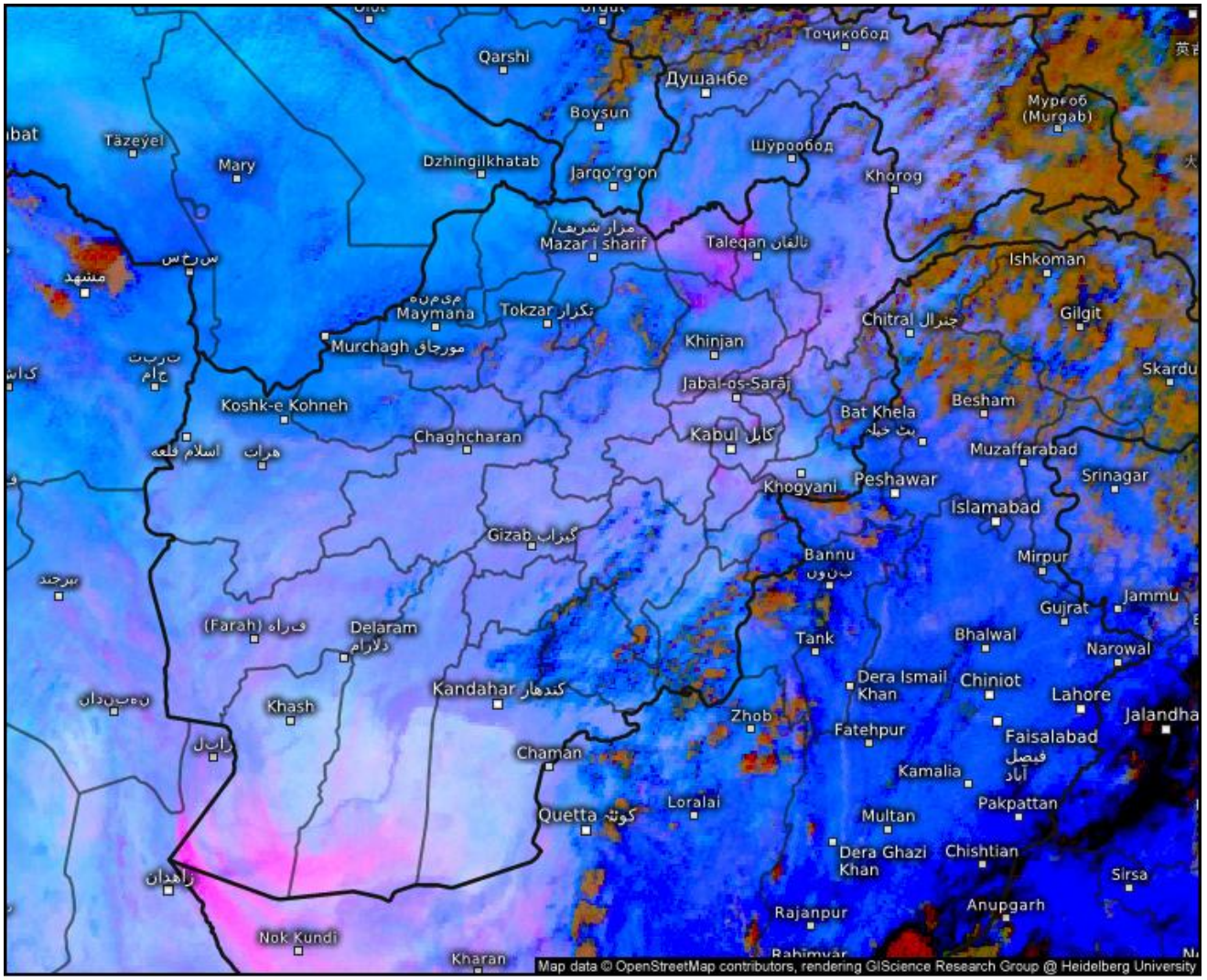
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	✓	X	✓	X	√ dry	X	X	
2	South		X	X	X	X	√ dry	X	X	
3	West	✓	X	X	X	X	√ dry	X	X	
4	East	X	X	X	X	X	√ dry	X	X	
5	central	X	X	X		X	√ dry	X	X	
6	Northeast	X	X	X	✓	X	√ dry	X	X	
7	Southeast	X	X	X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

Details: **according to satellite imagery analysis the western and northwestern areas have weak worm air mass. The northern and southwestern areas have dust storm. The northern, northeastern and southeastern areas have partly cloudy sky. The all regions are dry which the exception of southeastern and southwestern areas have weak water vapor.**

Note: X (Not existing phenomena), √ (exist phenomena)

Reported by: Mohammad Jawed Moradi


UTC : 2025-07-27 09:00
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)
NSMC
NCSW



Satellite Dust

Sun 07/27/2025, 01:30pm GMT+0430

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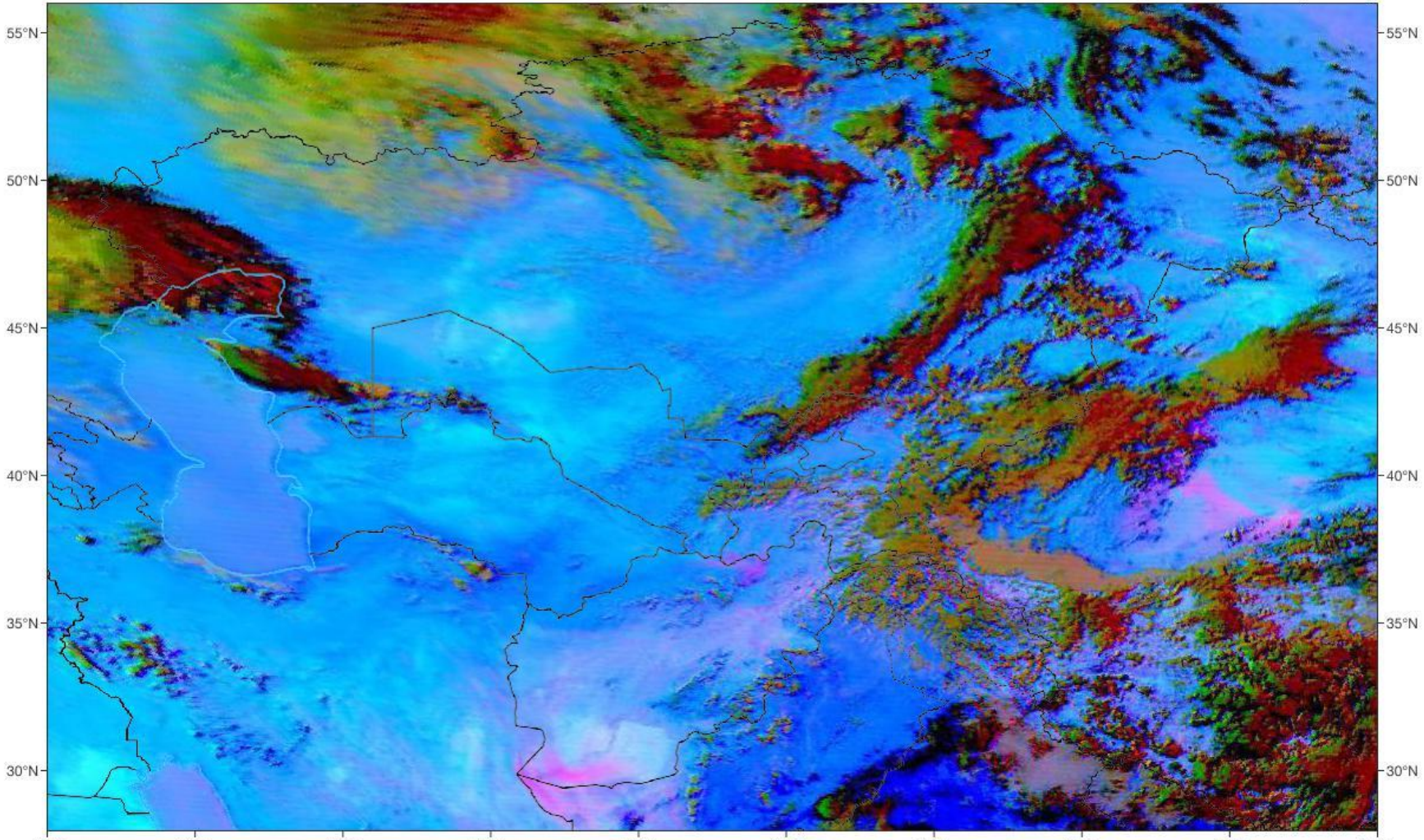
Afghanistan

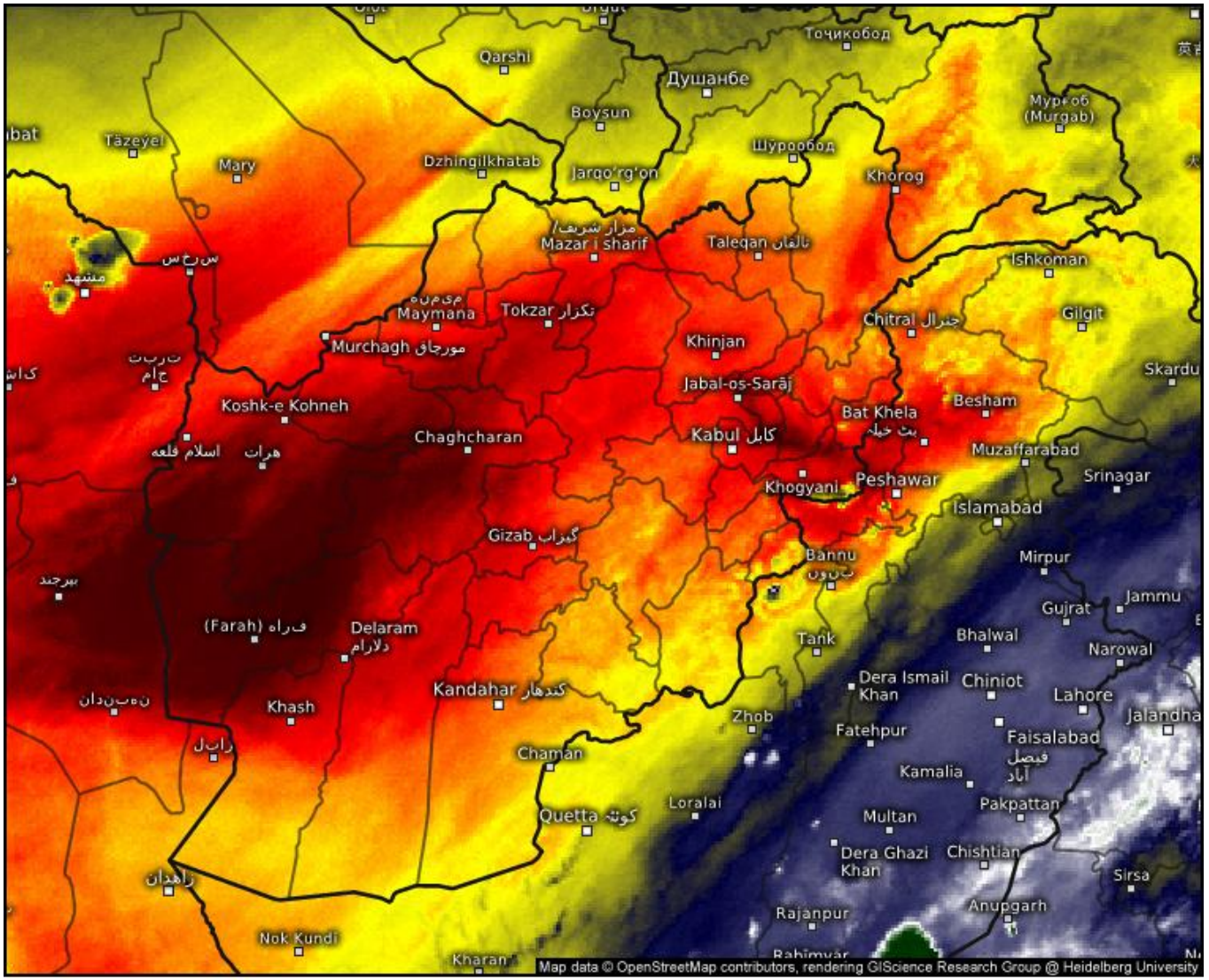
meteologix.com

Satellite data: EUMETSAT

Sand And Dust Identification

2025-07-27 09:00(UTC)





Satellite Water Vapor

Sun 07/27/2025, 01:30pm GMT+0430

wet/cold — dry/warm

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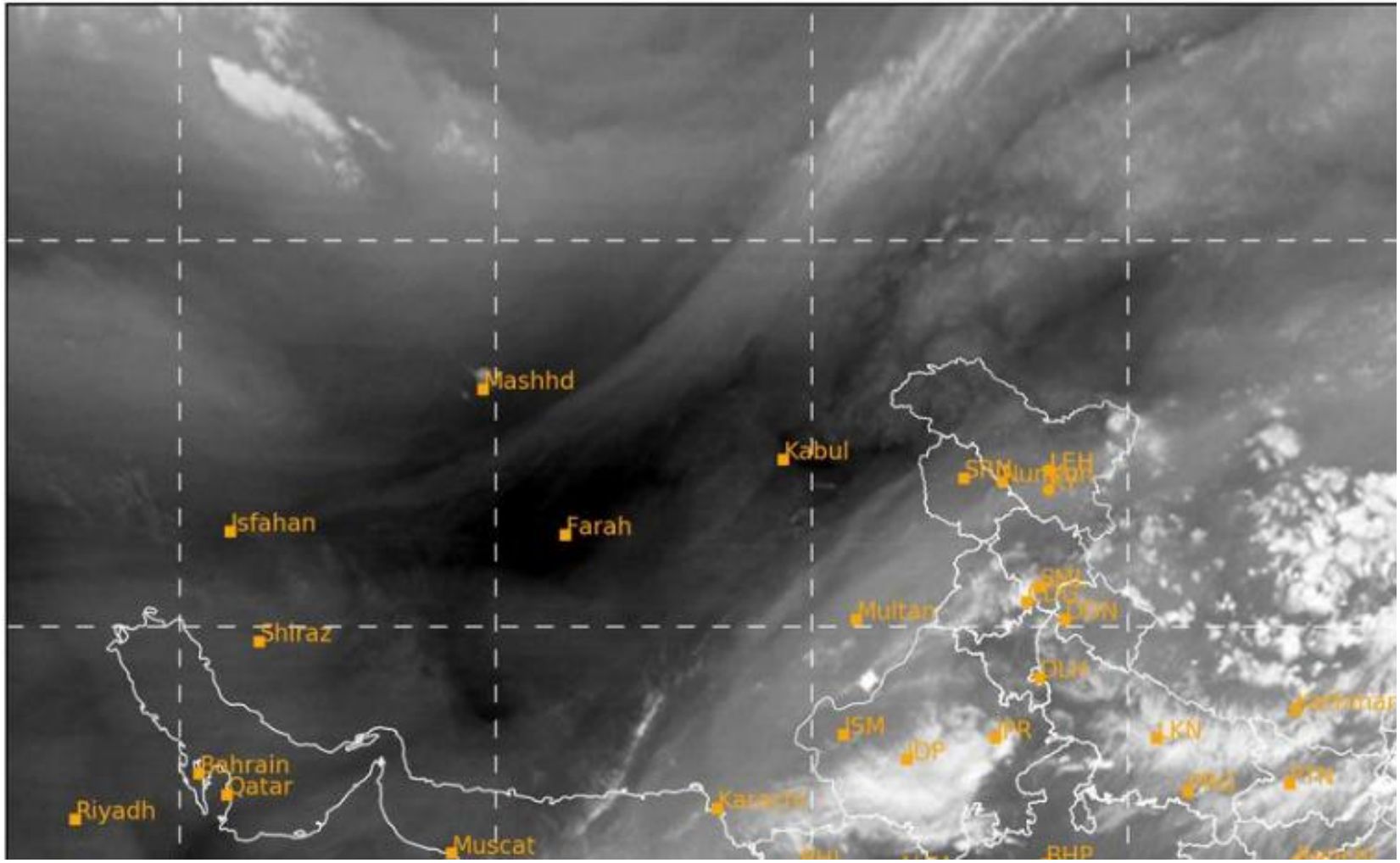
Afghanistan

meteologix.com

Satellite data: EUMETSAT

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

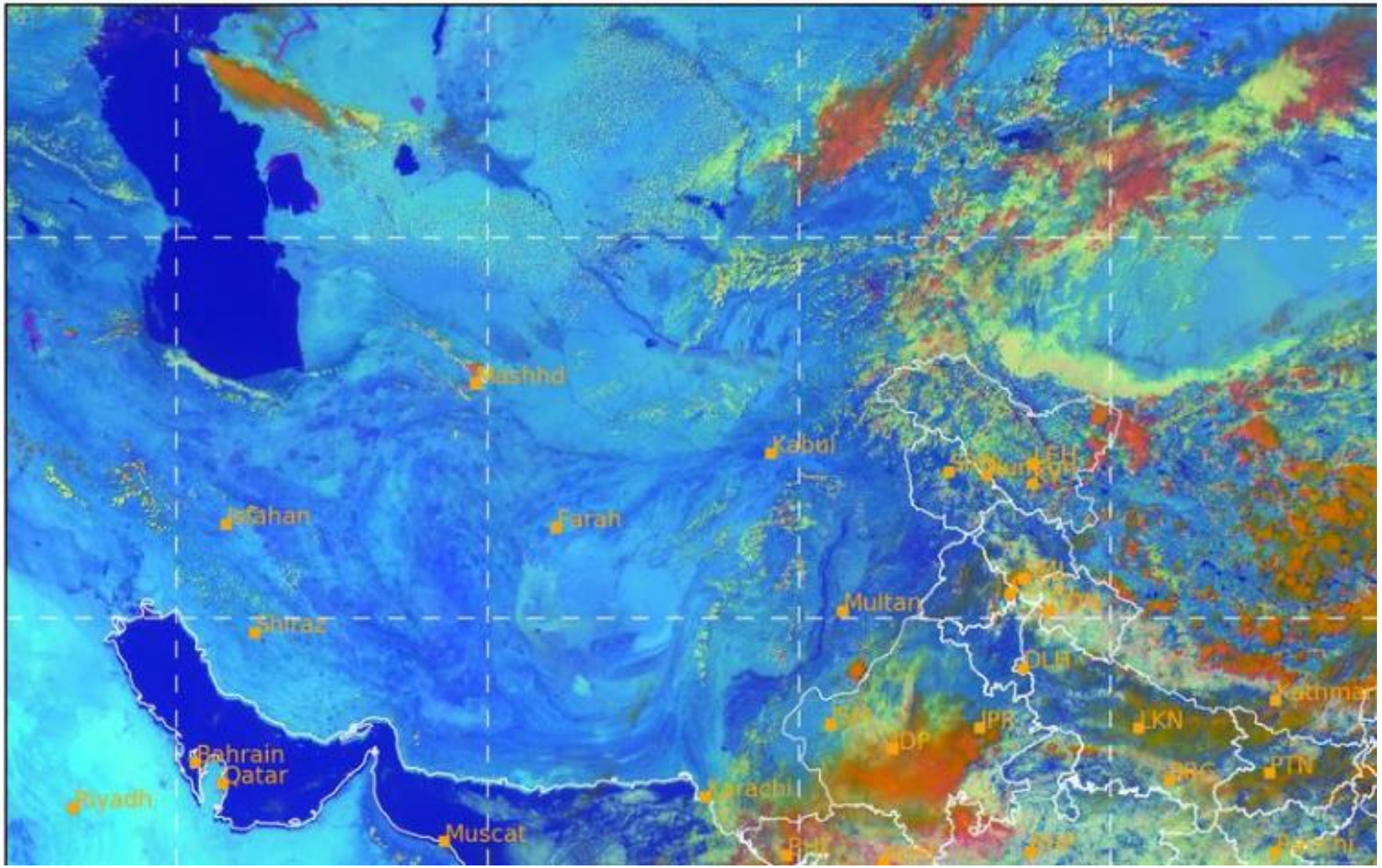
27-07-2025/(0815 to 0842) GMT
27-07-2025/(1345 to 1412) IST

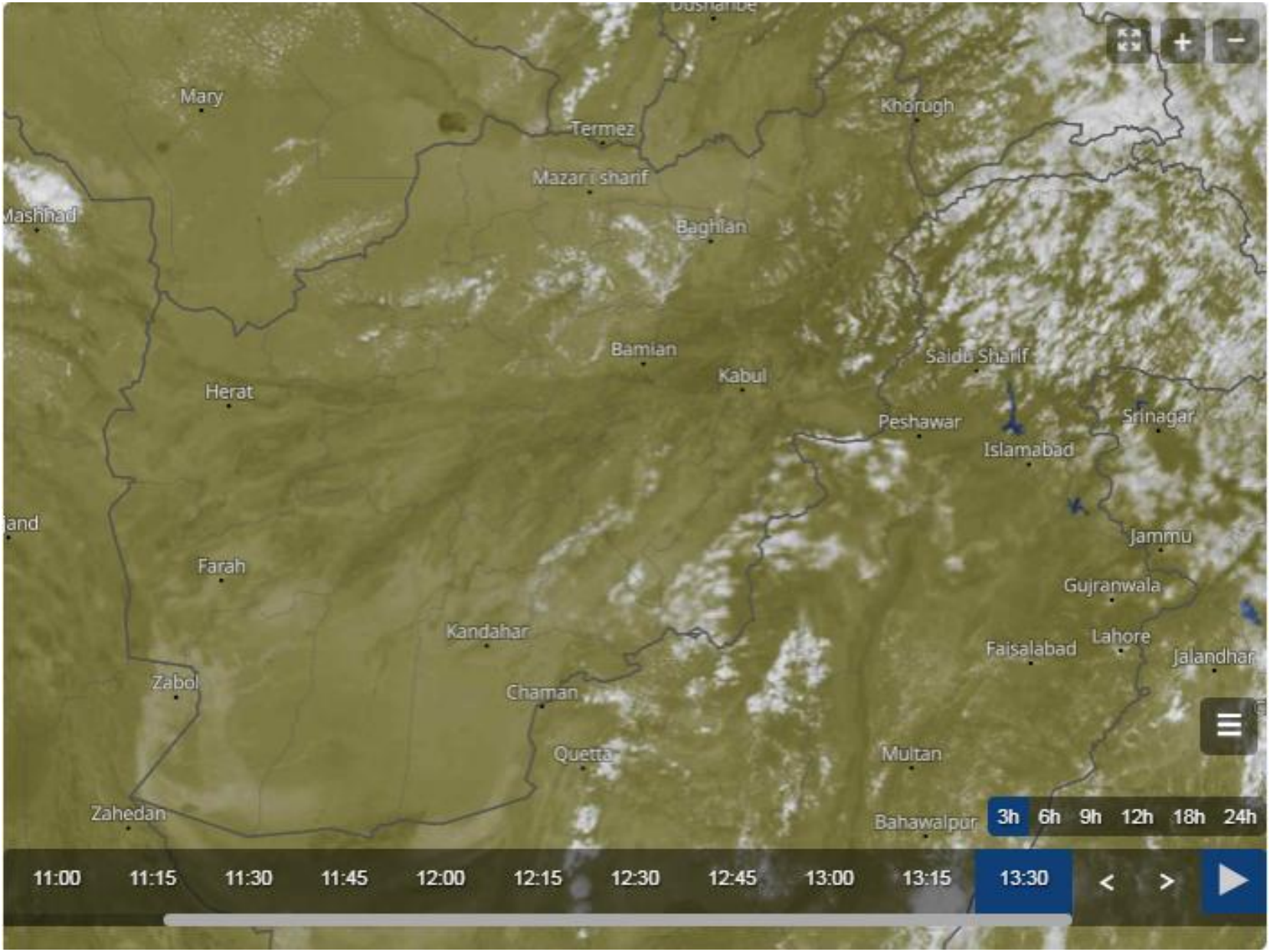


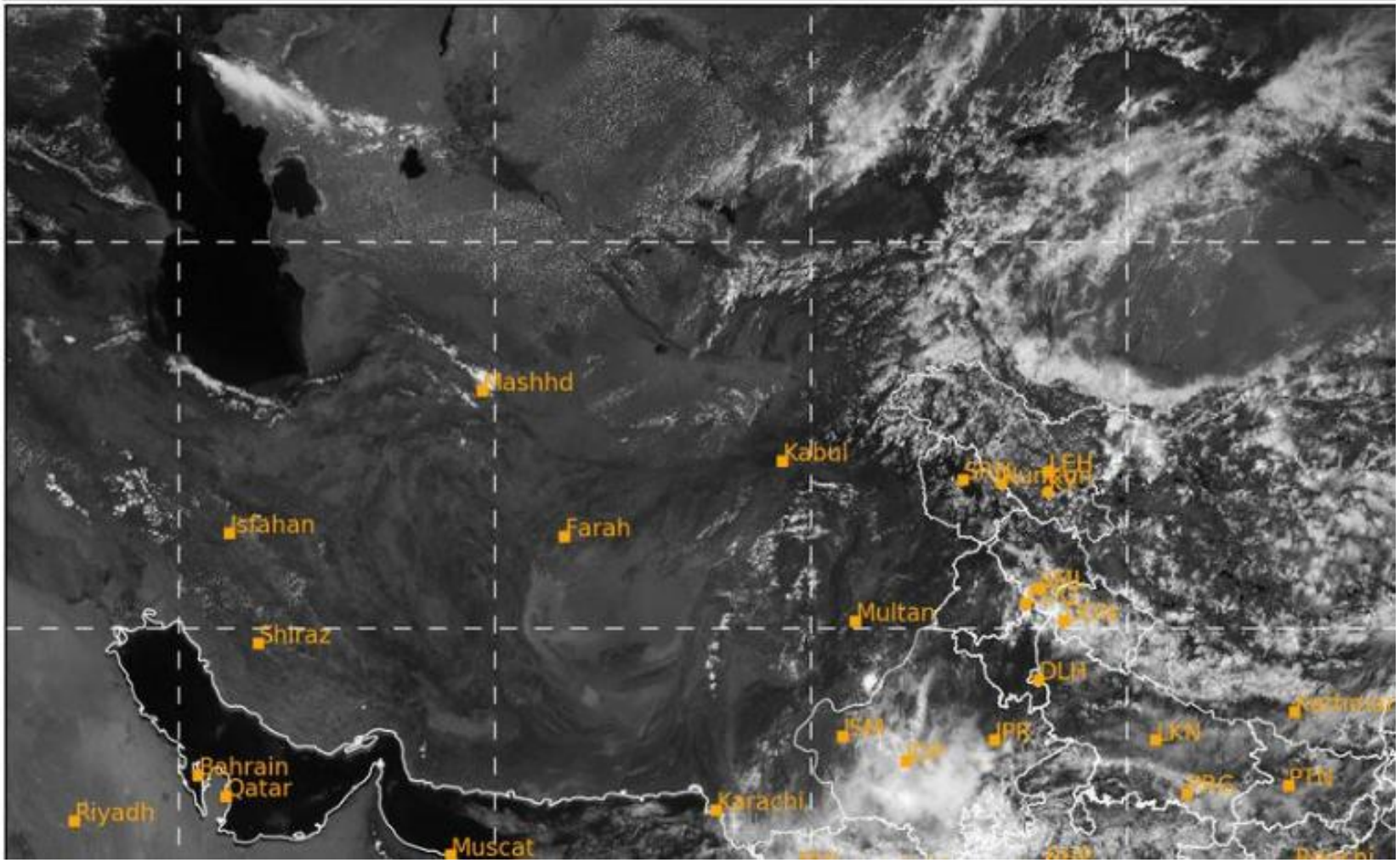
SAT : INSAT-3DR IMG 27-07-2025/(0815 to 0842) GMT

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

L1C Mercator 27-07-2025/(1345 to 1412) IST




Mary
Termez
Khorugh
Mazar i sharif
Mashhad
Baghlan
Bamian
Kabul
Herat
Saidu Sharif
Peshawar
Srinagar
Islamabad
Jammu
Farah
Gujranwala
Kandahar
Lahore
Faisalabad
Jalandhar
Zabol
Chaman
Quetta
Multan
Zahedan
Bahawalpur
3h 6h 9h 12h 18h 24h
11:00 11:15 11:30 11:45 12:00 12:15 12:30 12:45 13:00 13:15 13:30

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

27-07-2025/(0815 to 0842) GMT
27-07-2025/(1345 to 1412) IST