



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



Daily reports of Satellite imagery analysis. Date & Time: 27-09-2026, 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	✓	X	X	
2	South	✓	✓	X	X	X	✓	X	X	
3	West	✓	✓	X	X	X	✓	X	X	Dust storm
4	East	✓	X	X	✓	X	✓	X	X	
5	central	✓	✓	X	X	X	✓	X	X	
6	Northeast	✓	X	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	Dust storm

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

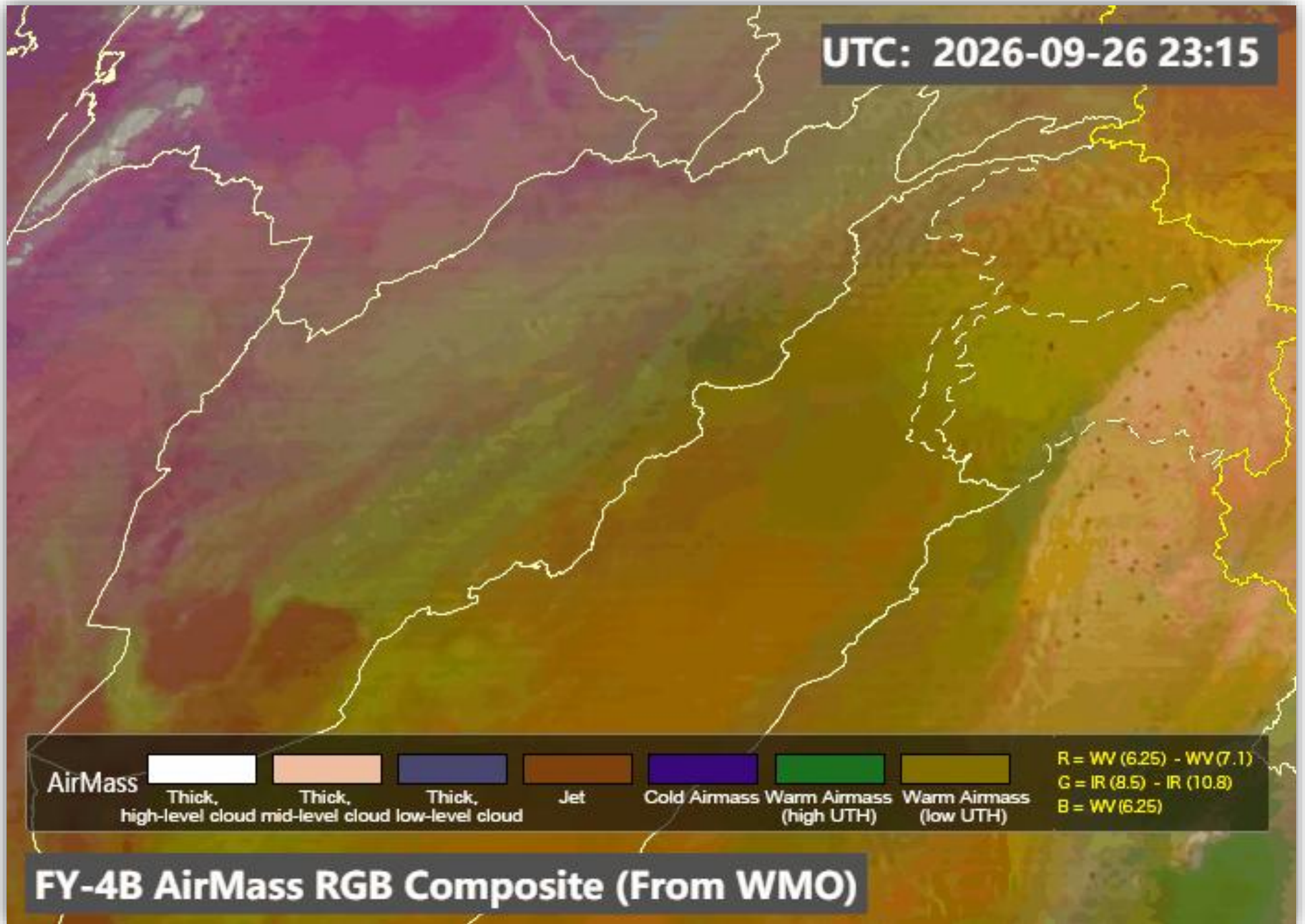
Not: ✓(existing phenomena) X (Not existing phenomena)

Reported by: Esmatullah Mohammadi

Legend:

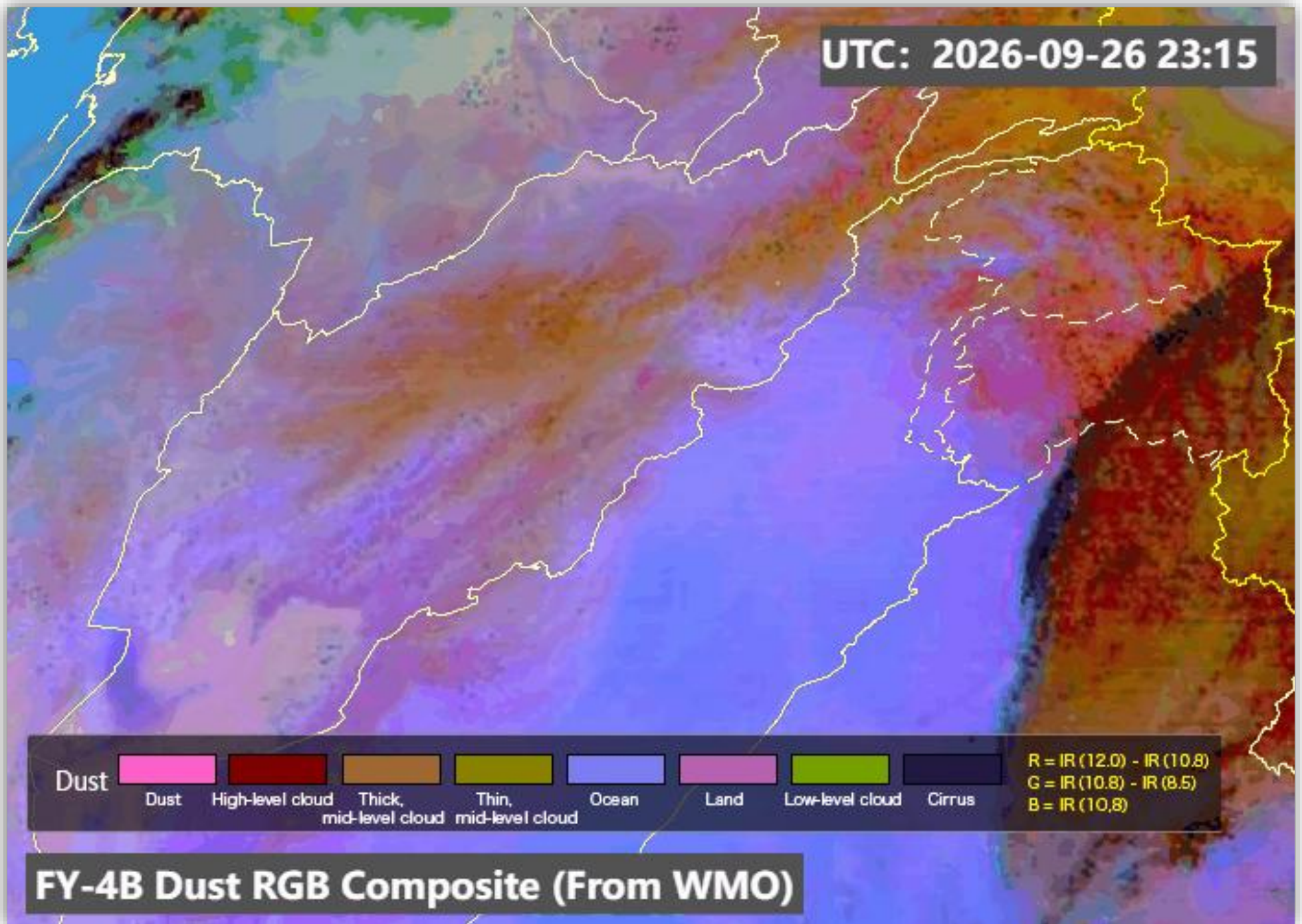
Dust	Water vapor	Air mass	Thunder storm	Cloud	Fog	Jet stream	Cyclone & Anticyclone
Weak Dust	Dust storm	Weak	Dry	Moderate	Warm	Cold	

UTC: 2026-09-26 23:15

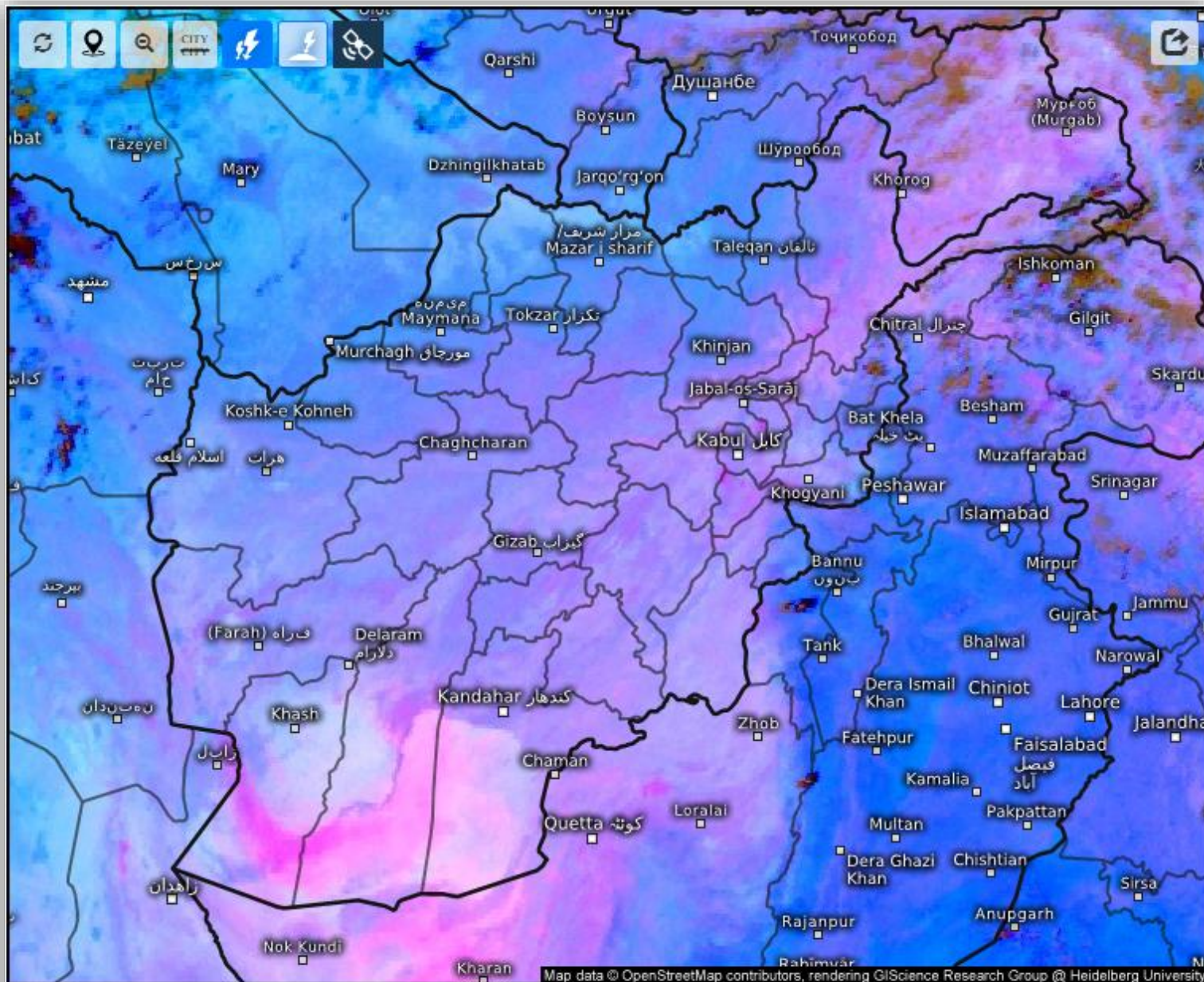


FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-09-26 23:15

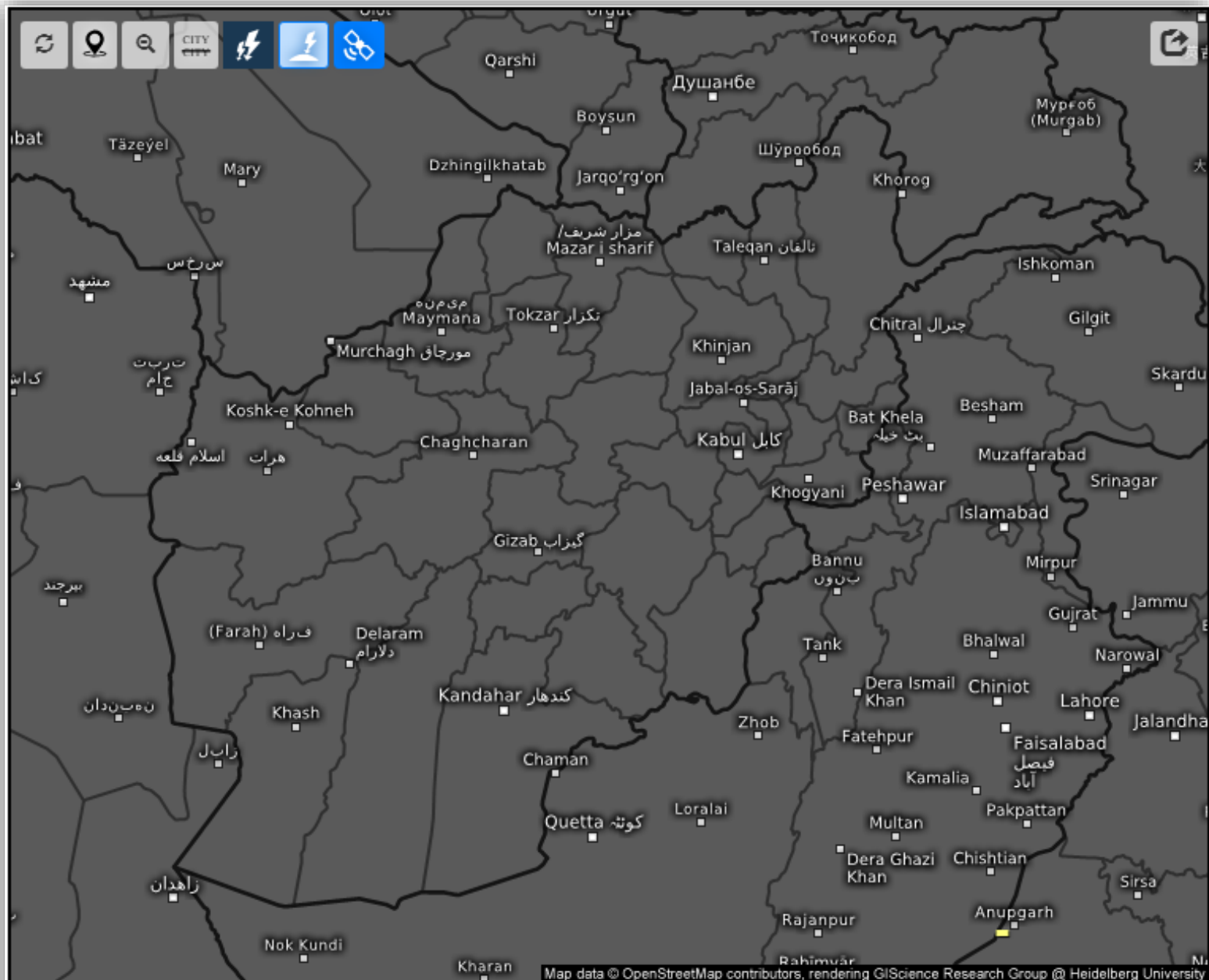


FY-4B Dust RGB Composite (From WMO)



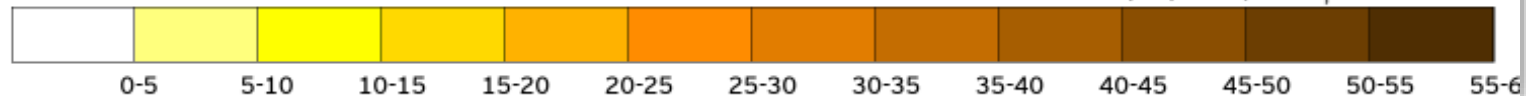
Satellite Dust 

Sun 09/27/2026, 01:00pm GMT+0430



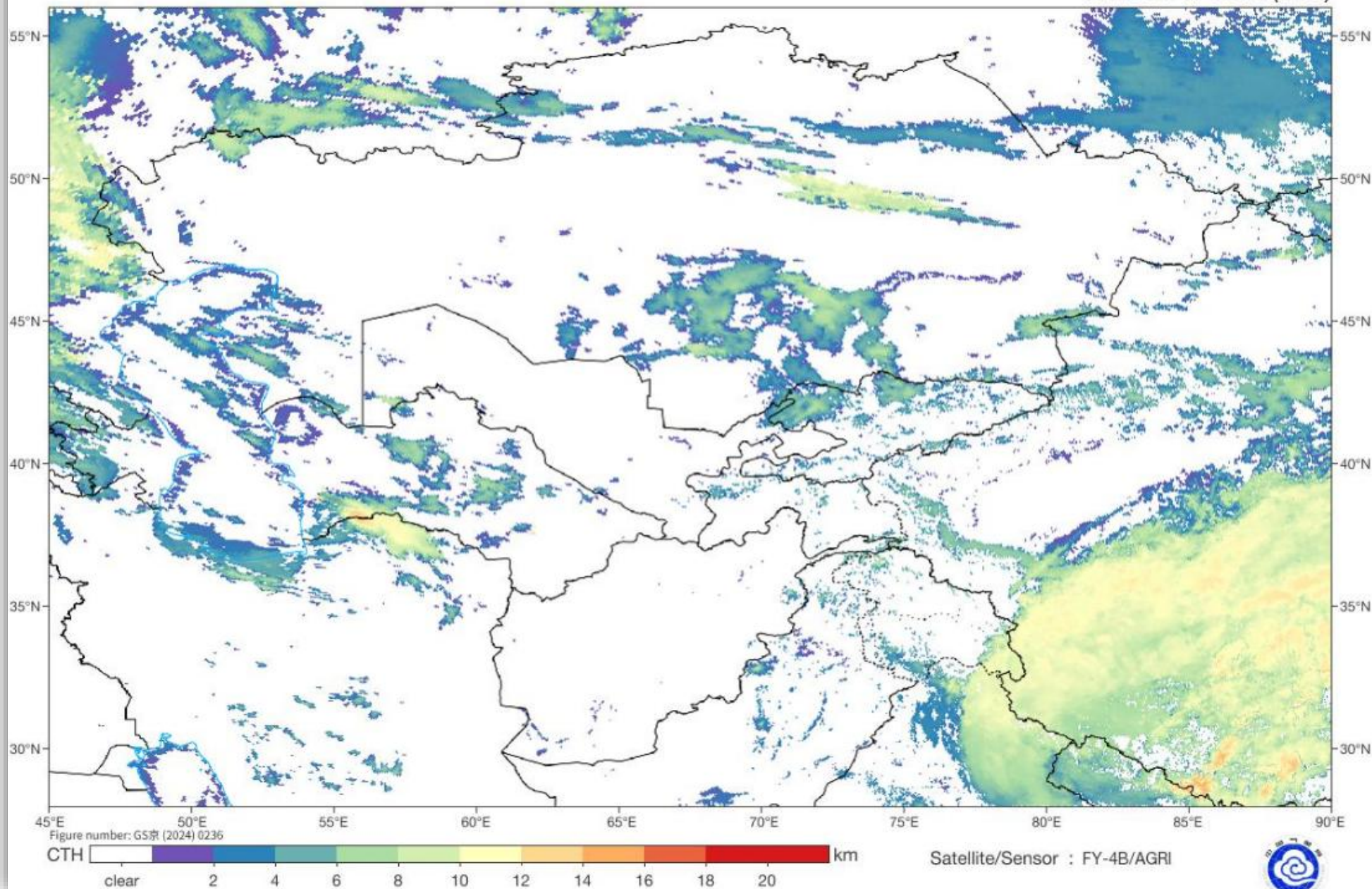
Age of lightning (minutes) 

Sun 09/27/2026, 01:25pm GMT+0430

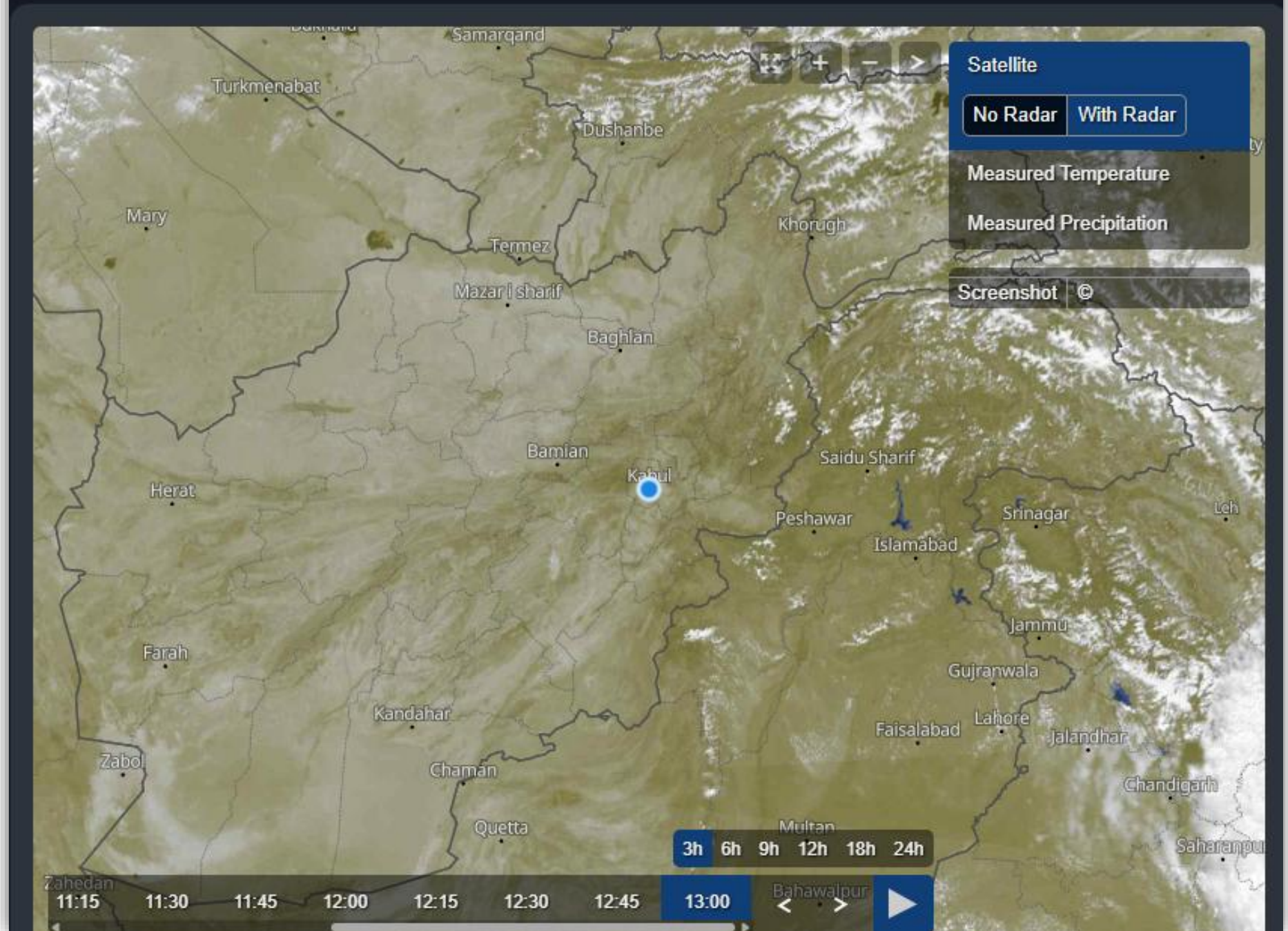


Cloud Top Height

2026-09-27 08:30(UTC)



Live satellite map, Afghanistan



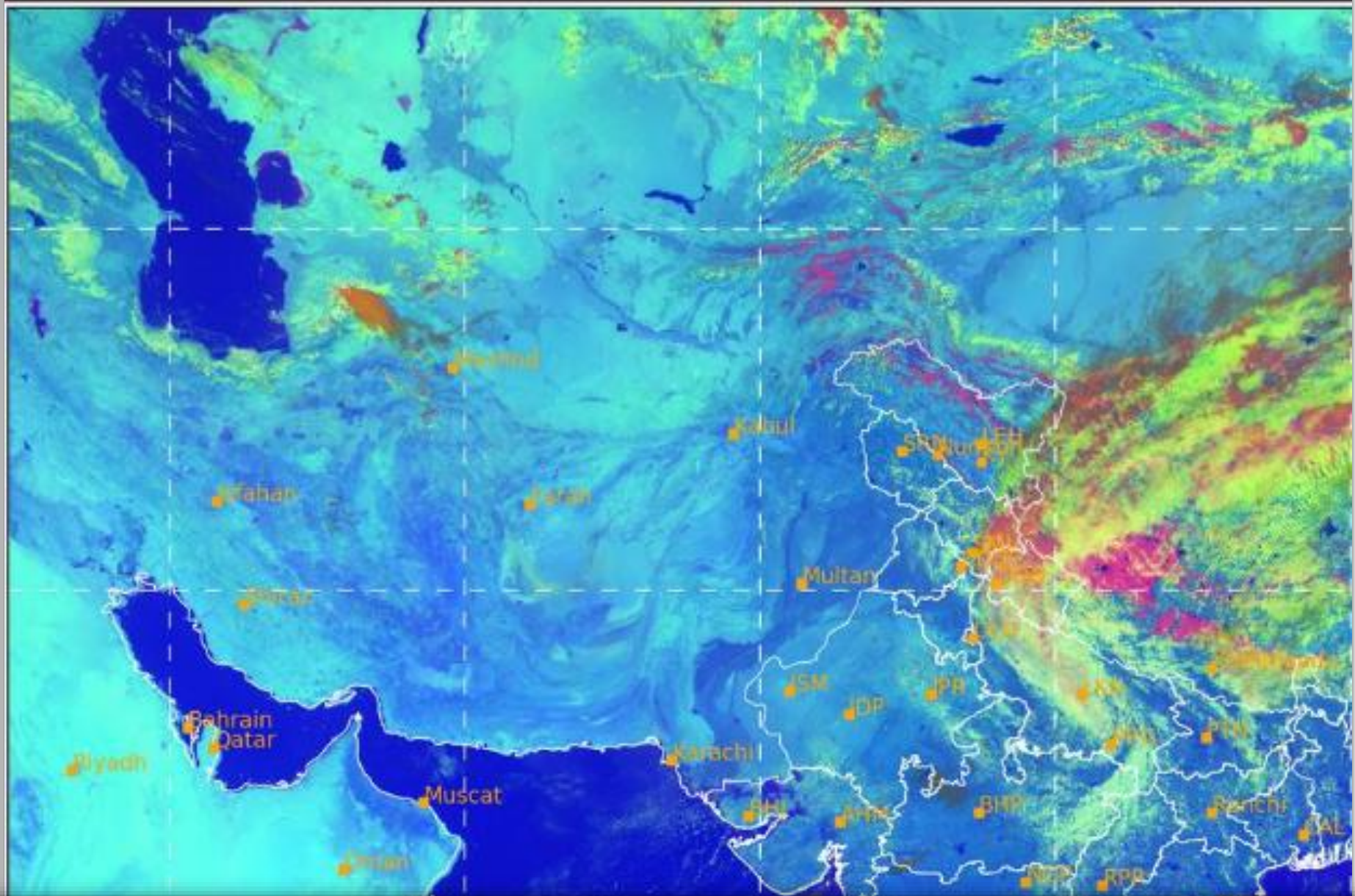
SAT : INSAT-3DR IMG

27-09-2026/(0715 to 0742) GMT

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

L1C Mercator

27-09-2026/(1245 to 1312) IST



0

100% 0

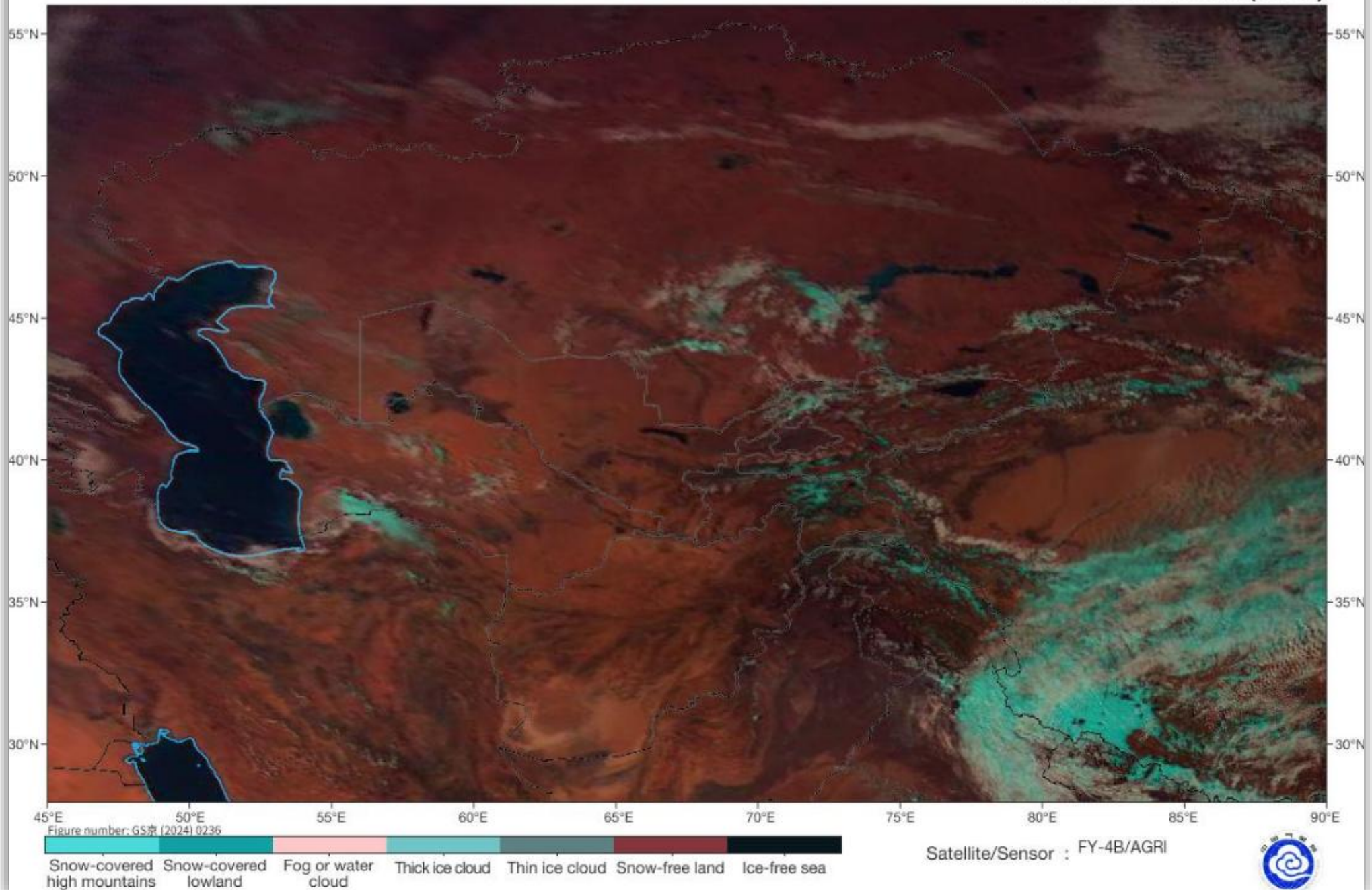
60% 203

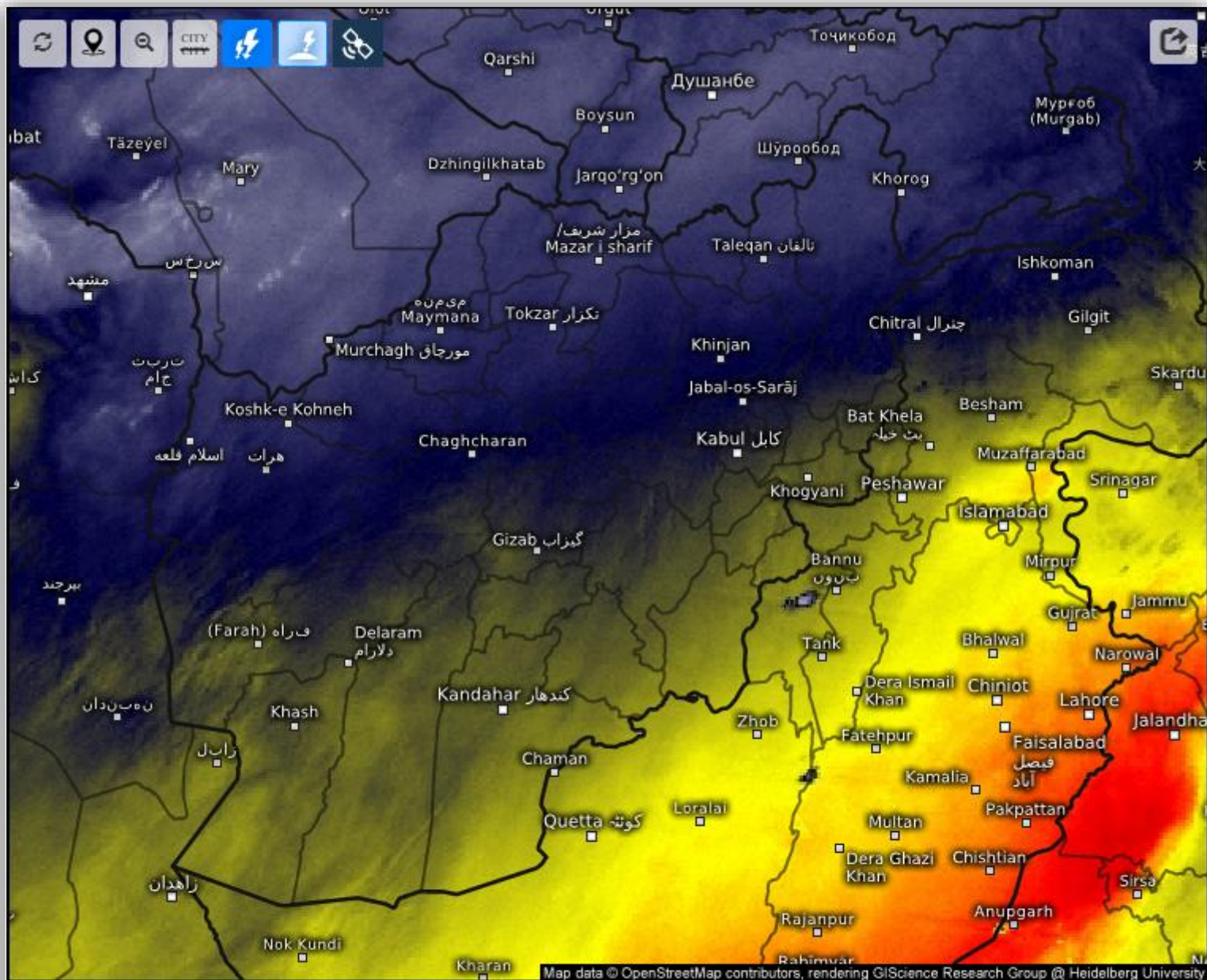
323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

Fog Identification

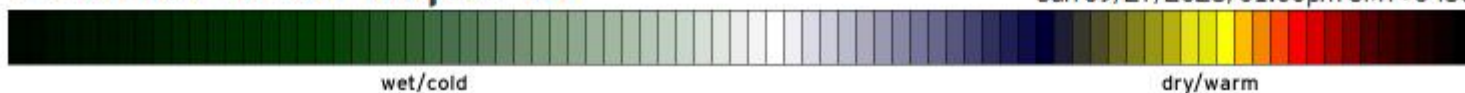
2026-09-27 08:30(UTC)





Satellite Water Vapor

Sun 09/27/2026, 01:00pm GMT+0430



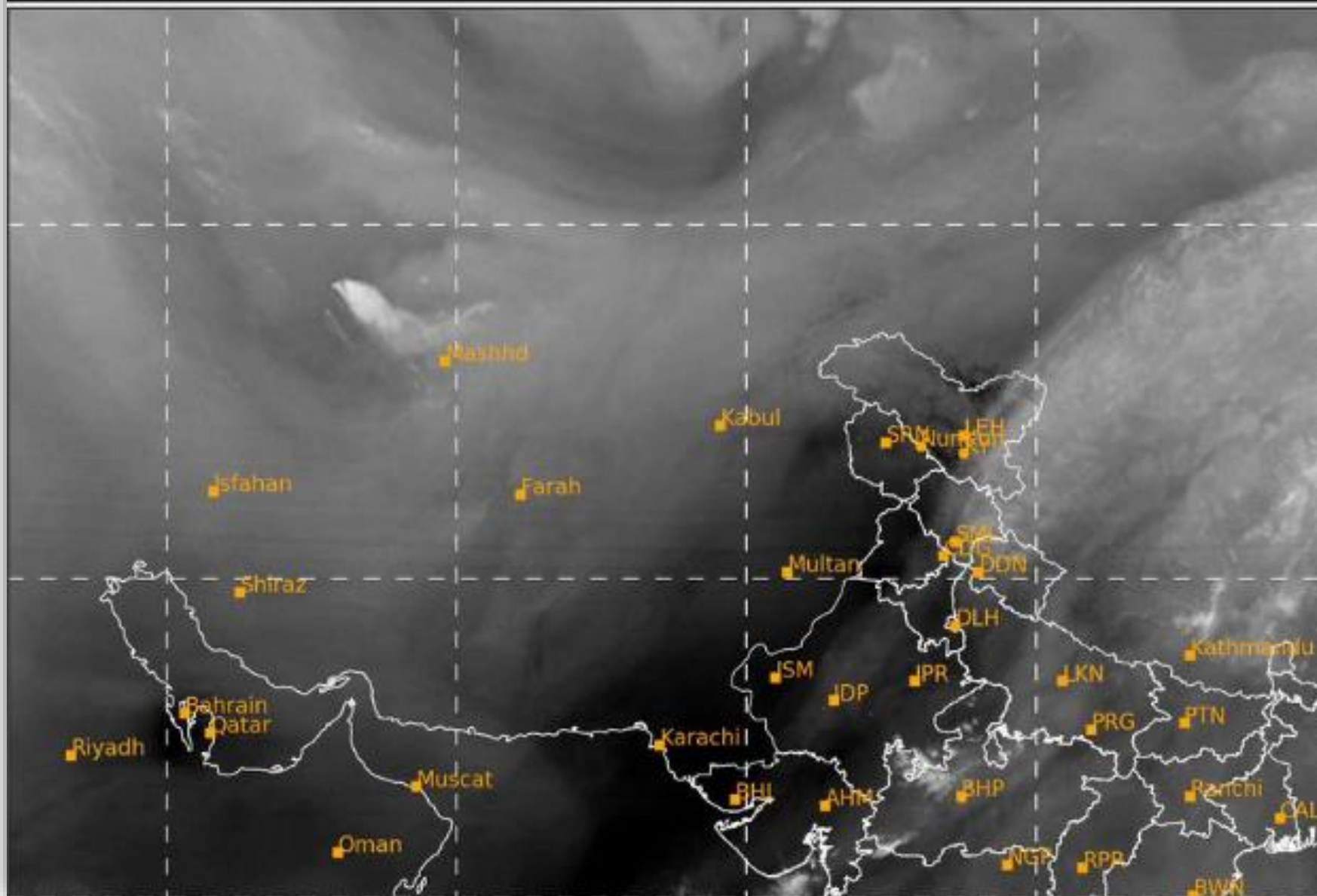
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

27-09-2026/(0715 to 0742) GMT

27-09-2026/(1245 to 1312) IST



SAT : INSAT-3DR IMG

IMG_TIR1 10.8 um

L1C Mercator

27-09-2026/(0715 to 0742) GMT

27-09-2026/(1245 to 1312) IST

