



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



Daily reports of Satellite imagery analysis. Date & Time: 04-10-2026, 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	
2	South	✓	X	X	X	X	✓	X	X	
3	West	✓	✓	X	X	X	✓	X	X	
4	East	✓	X	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	X	
8	Northwest	✓	X	X	✓	X	✓	X	X	
9	Southwest	✓	X	X	X	X	✓	X	X	

Details: According to satellite imagery analysis, the eastern, southeastern and northeastern areas are under a weak warm air mass, while the northern, southern, western, eastern, central, southeastern, northwestern and southwestern regions are under a cold air mass. Dust storms are observed in the western and central regions. The northern, northeastern and northwestern regions have cloudy skies. The all-regions have moderate water vapor.

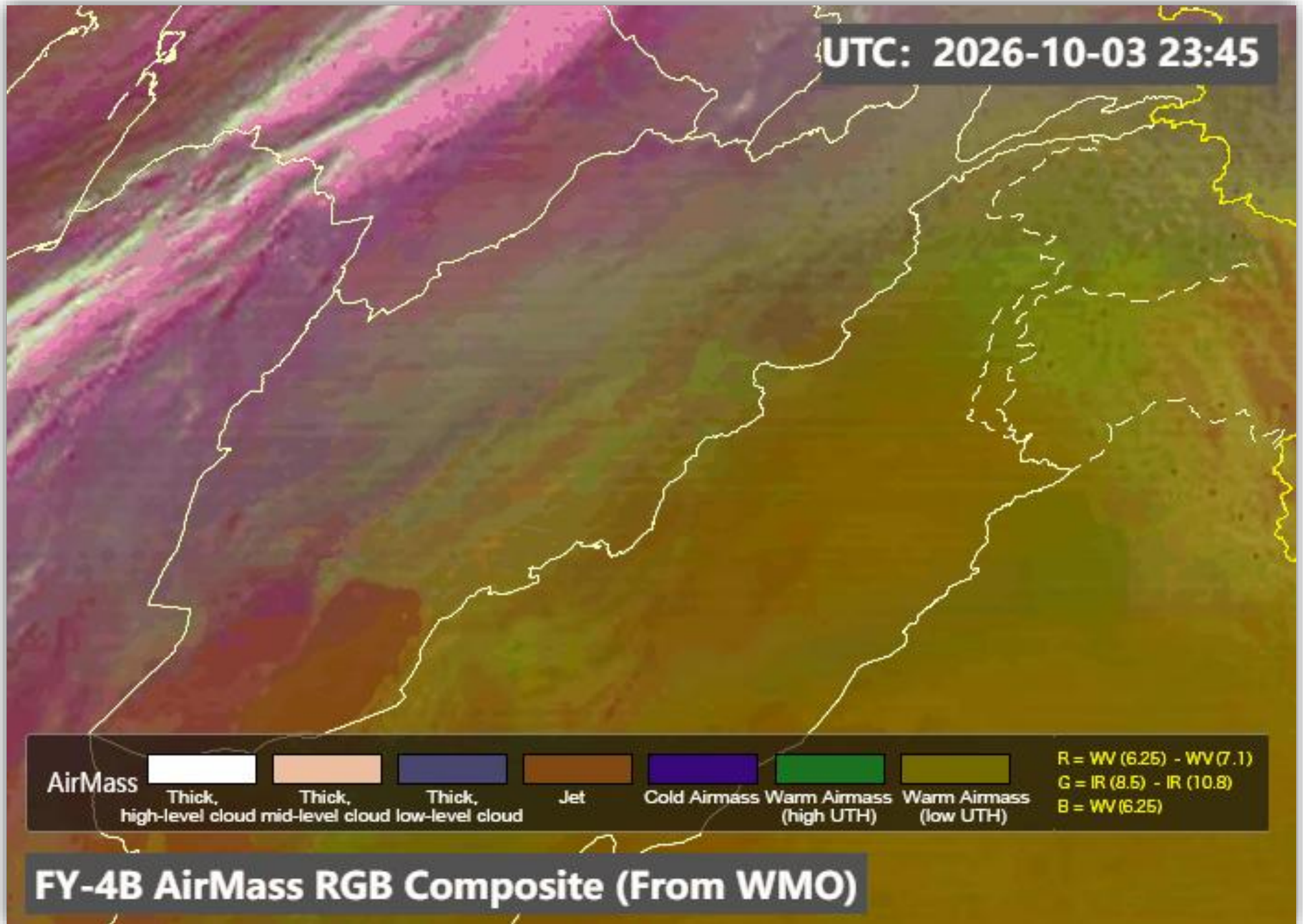
Not: ✓(existing phenomena) X (Not existing phenomena)

Reported by: Esmatullah Mohammadi

Legend:

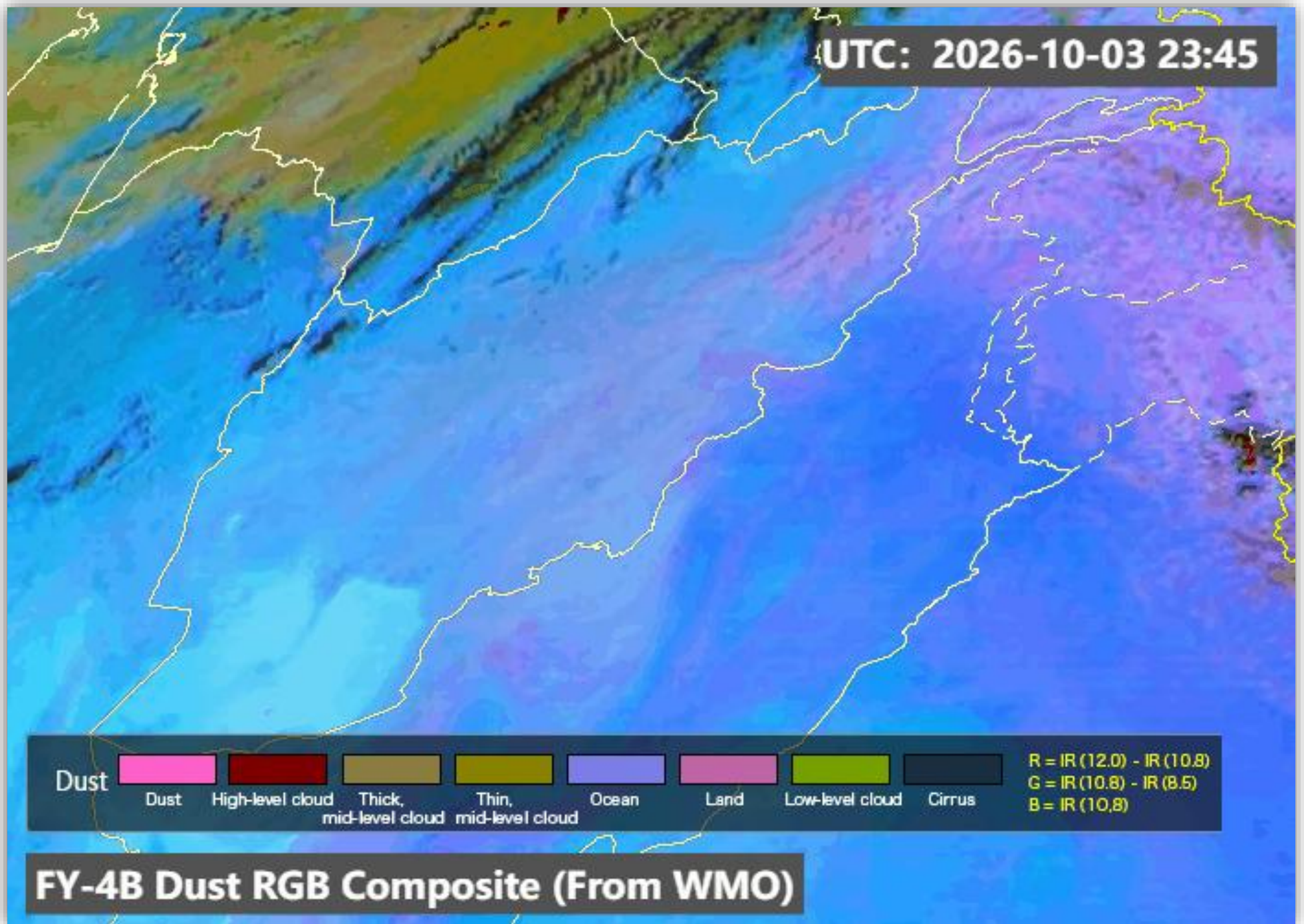
Dust		Water vapor		Air mass		Thunder storm	Cloud	Fog	Jet stream	Cyclone & Anticyclone	
Weak Dust	Dust storm	Weak	Dry	Moderate	Warm	Cold					

UTC: 2026-10-03 23:45

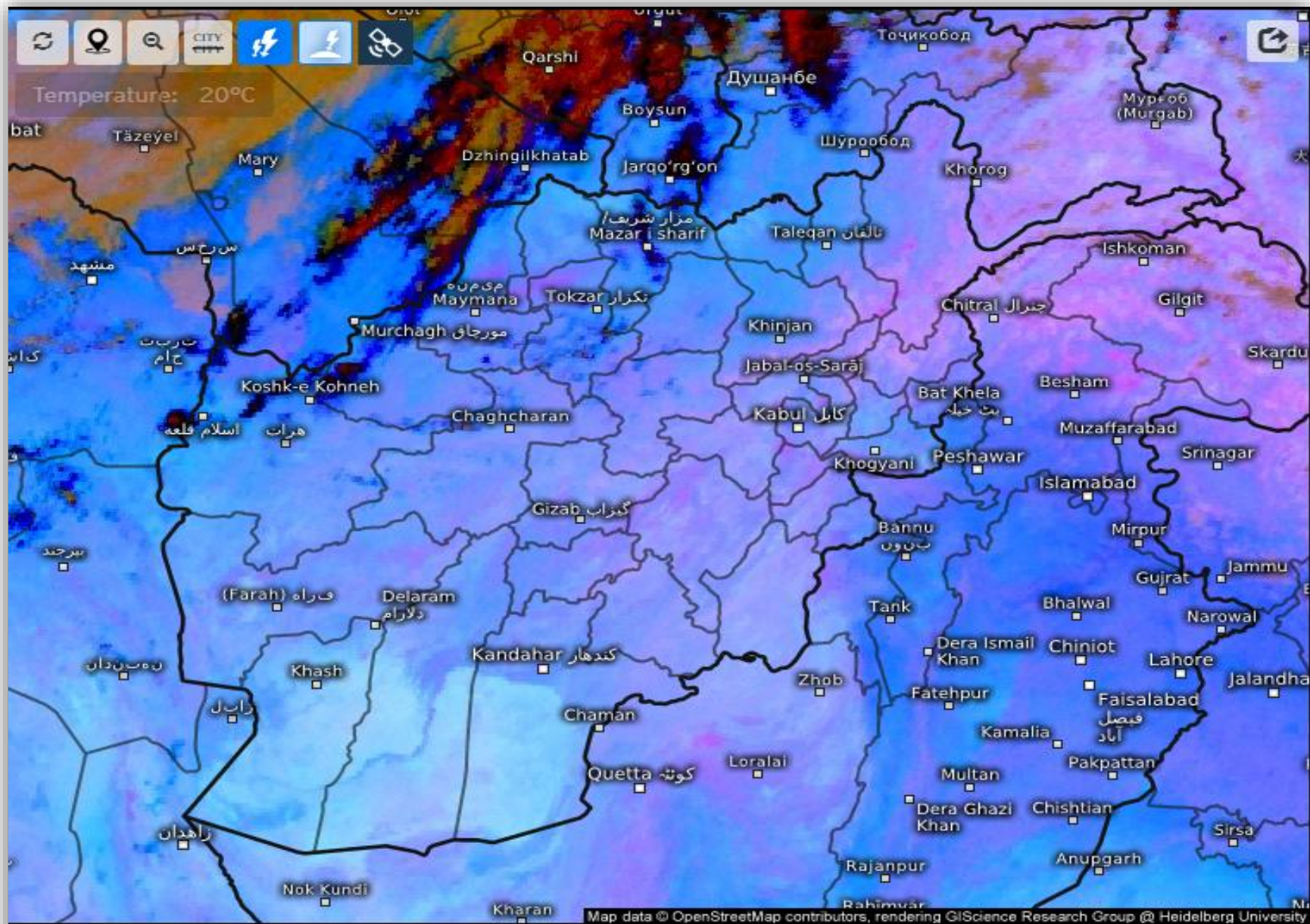


FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-10-03 23:45

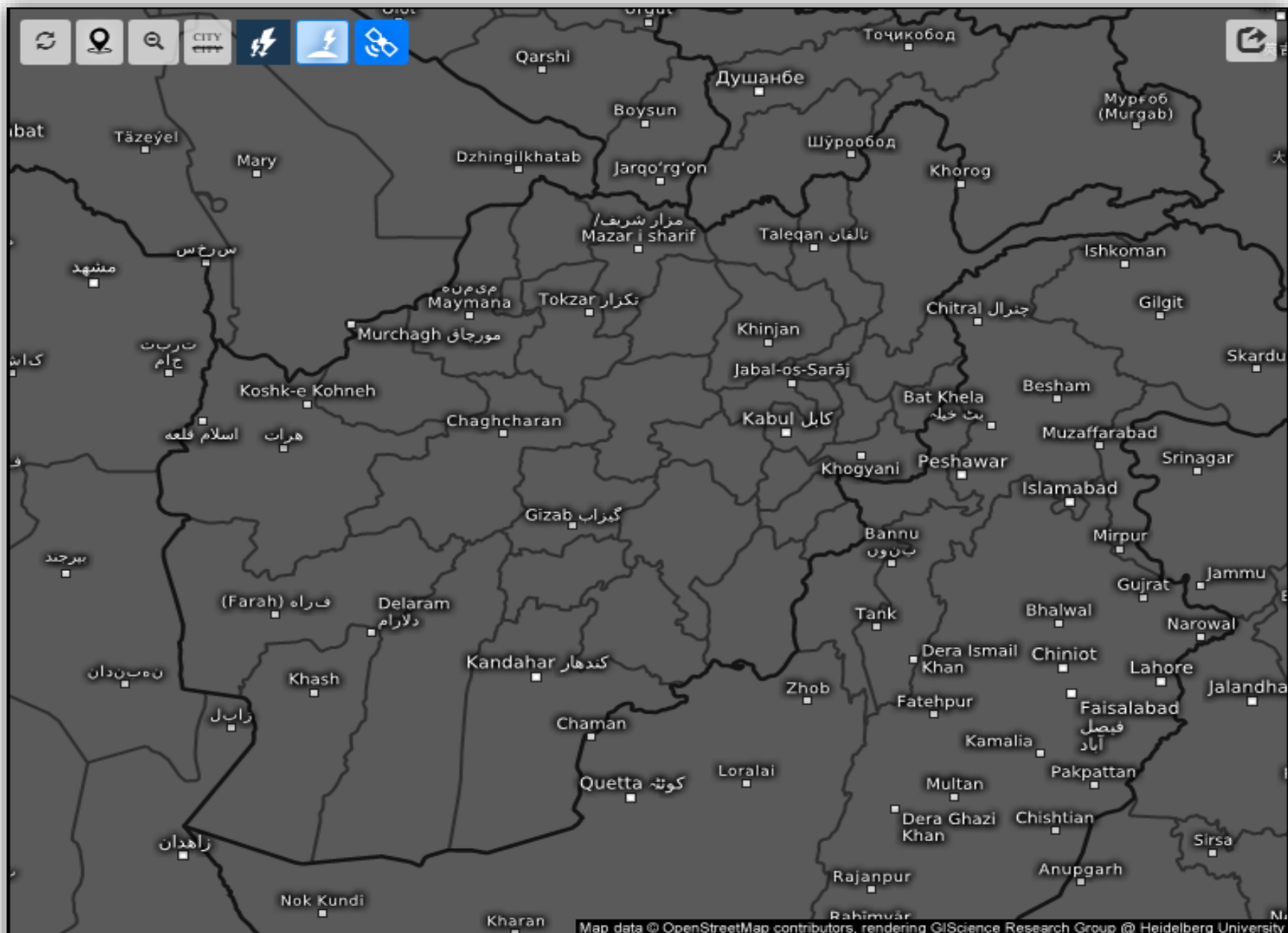


FY-4B Dust RGB Composite (From WMO)



Satellite Dust 

Sun 10/04/2026, 01:00pm GMT+0430



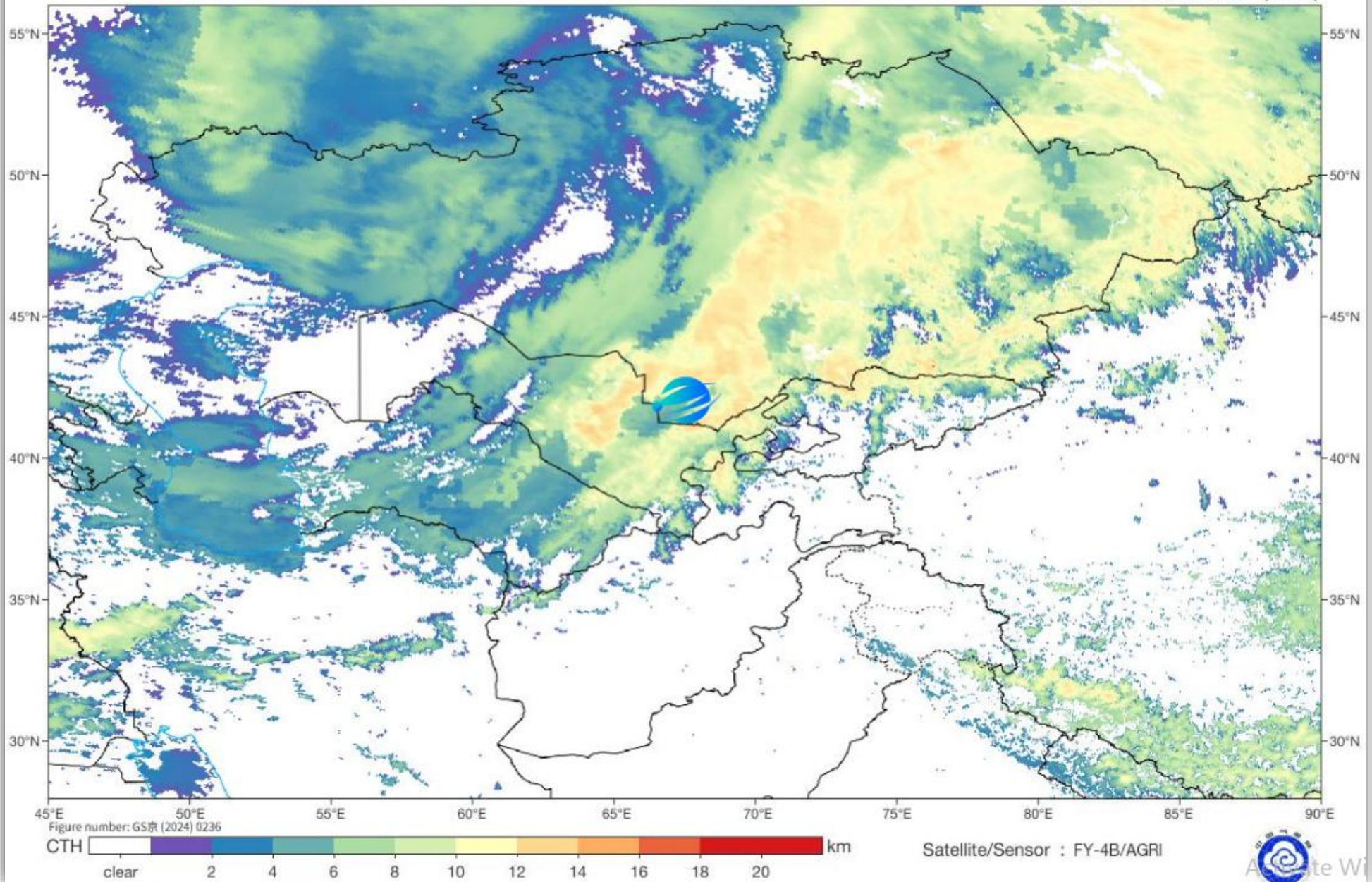
Age of lightning (minutes) 

Sun 10/04/2026, 01:25pm GMT+0430



Cloud Top Height

2026-10-04 08:30(UTC)



Live satellite map, Afghanistan



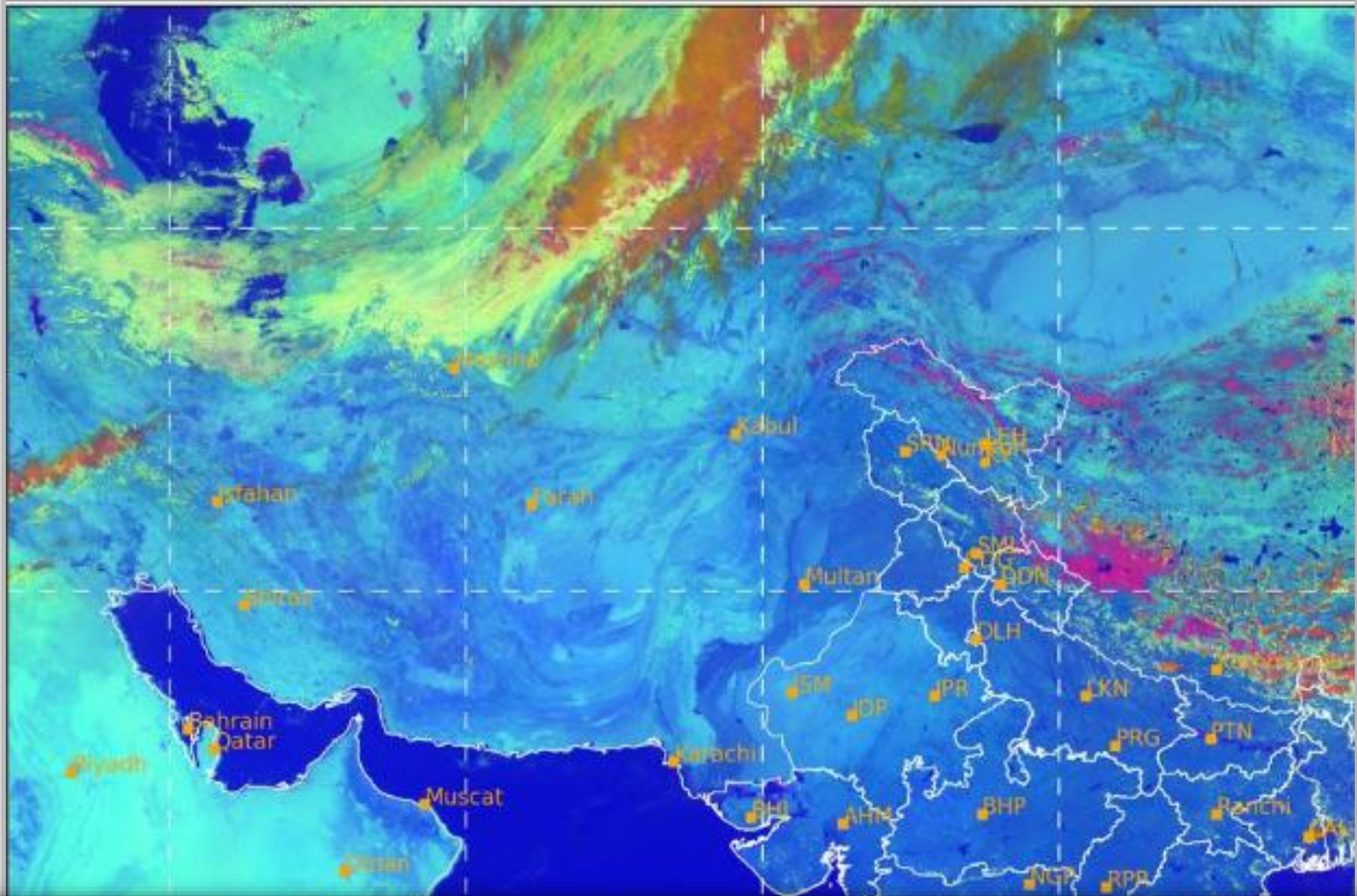
SAT : INSAT-3DR IMG

04-10-2026/(0745 to 0812) GMT

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

L1C Mercator

04-10-2026/(1315 to 1342) IST



O

100% 0

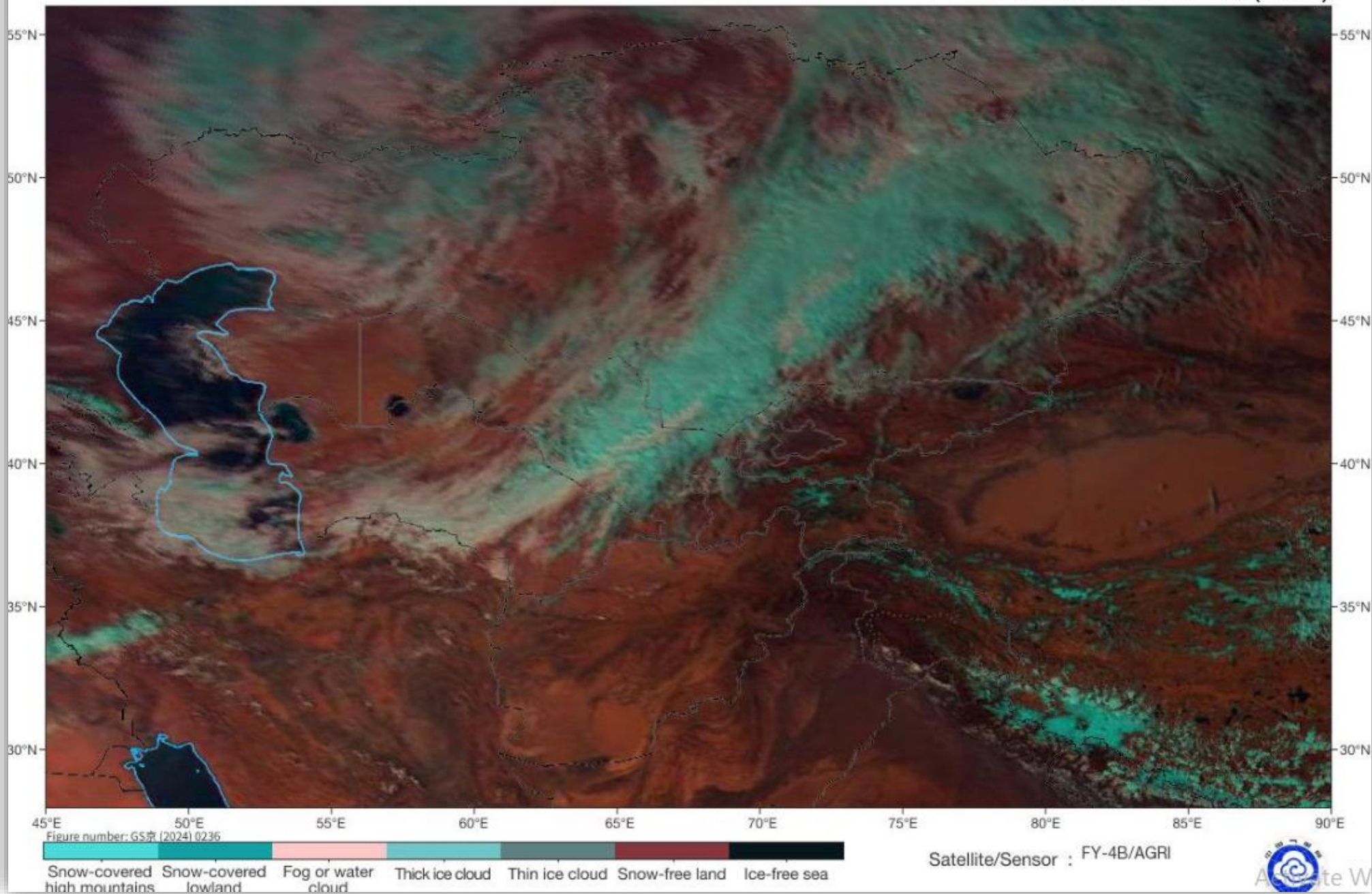
60% 203

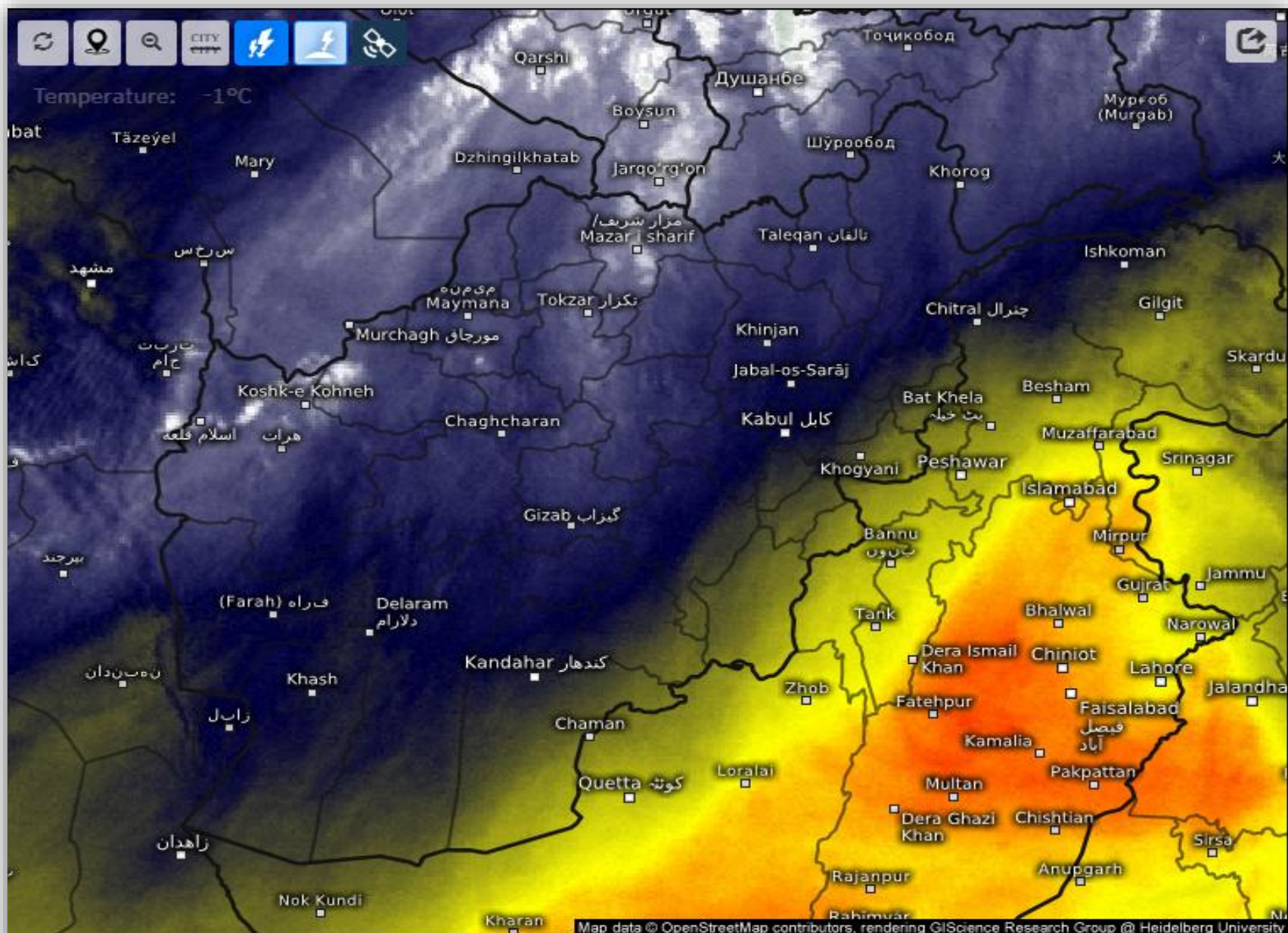
323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

Fog Identification

2026-10-04 08:30(UTC)





Satellite Water Vapor

Sun 10/04/2026, 01:00pm GMT+0430



wet/cold

dry/warm

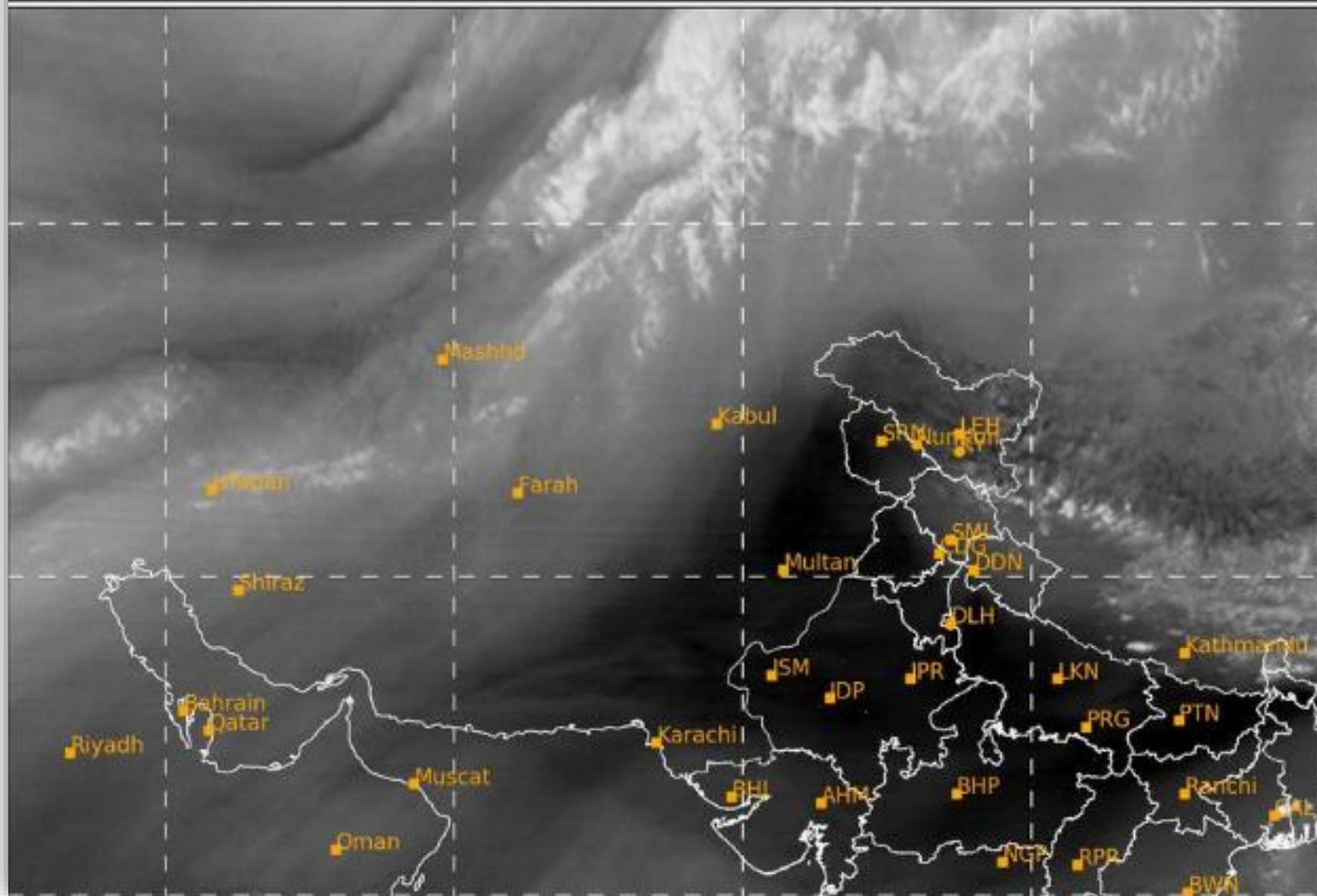
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

04-10-2026/(0745 to 0812) GMT

04-10-2026/(1315 to 1342) IST



SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

04-10-2026/(0745 to 0812) GMT
04-10-2026/(1315 to 1342) IST

