



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



Daily reports of Satellite imagery analysis. Date & Time: 01-10-2026, 07:30 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	
5	central	✓	X	X	✓	X	✓	X	X	
6	Northeast	✓	X	X	✓	X	✓	X	X	CB
7	Southeast	✓	X	X	✓	X	✓	X	X	
8	Northwest	✓	✓	X	X	X	✓	X	X	
9	Southwest	✓	✓	X	X	X	✓	X	X	

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

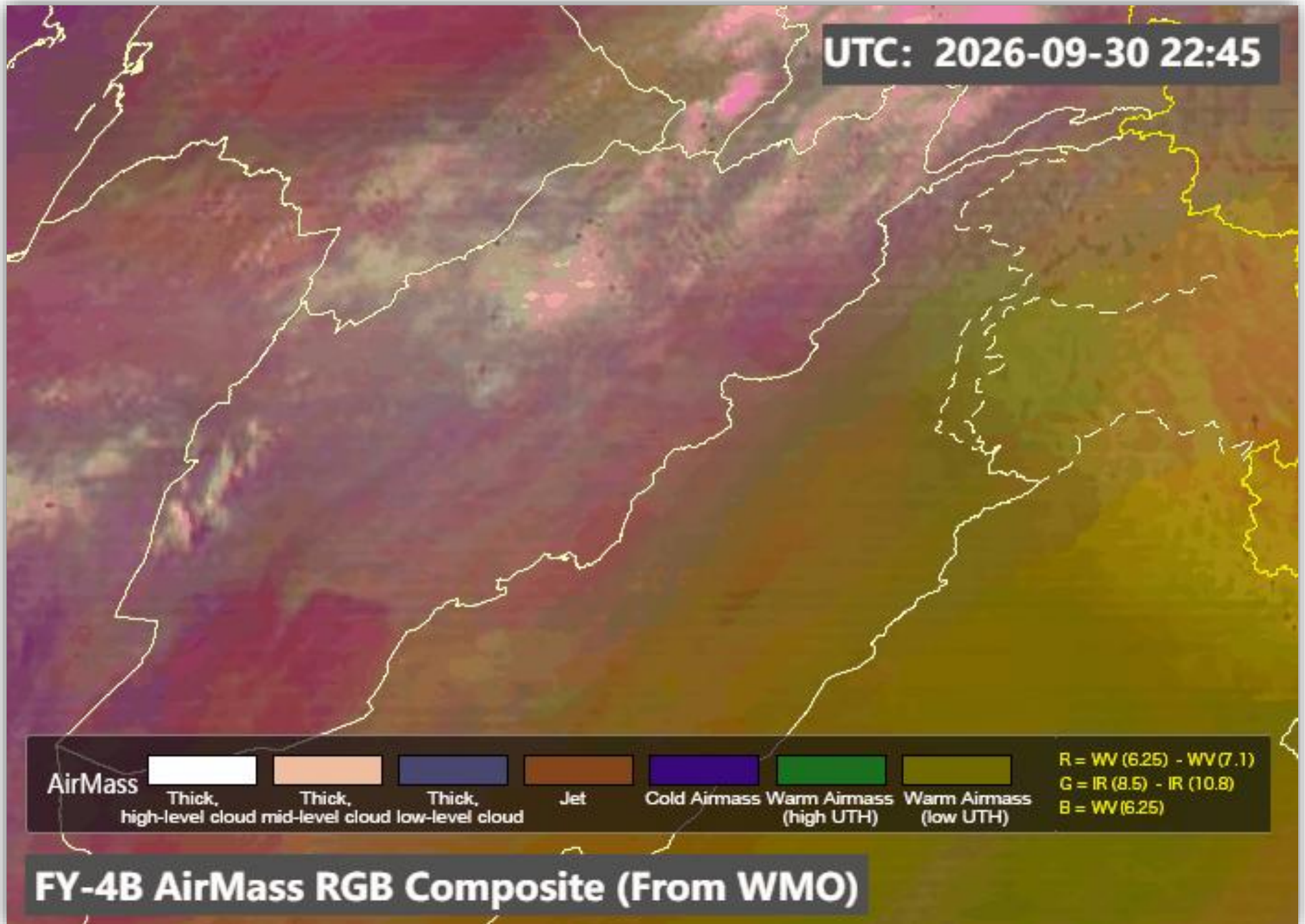
Not: ✓(existing phenomena) X (Not existing phenomena)

Reported by: Esmatullah Mohammadi

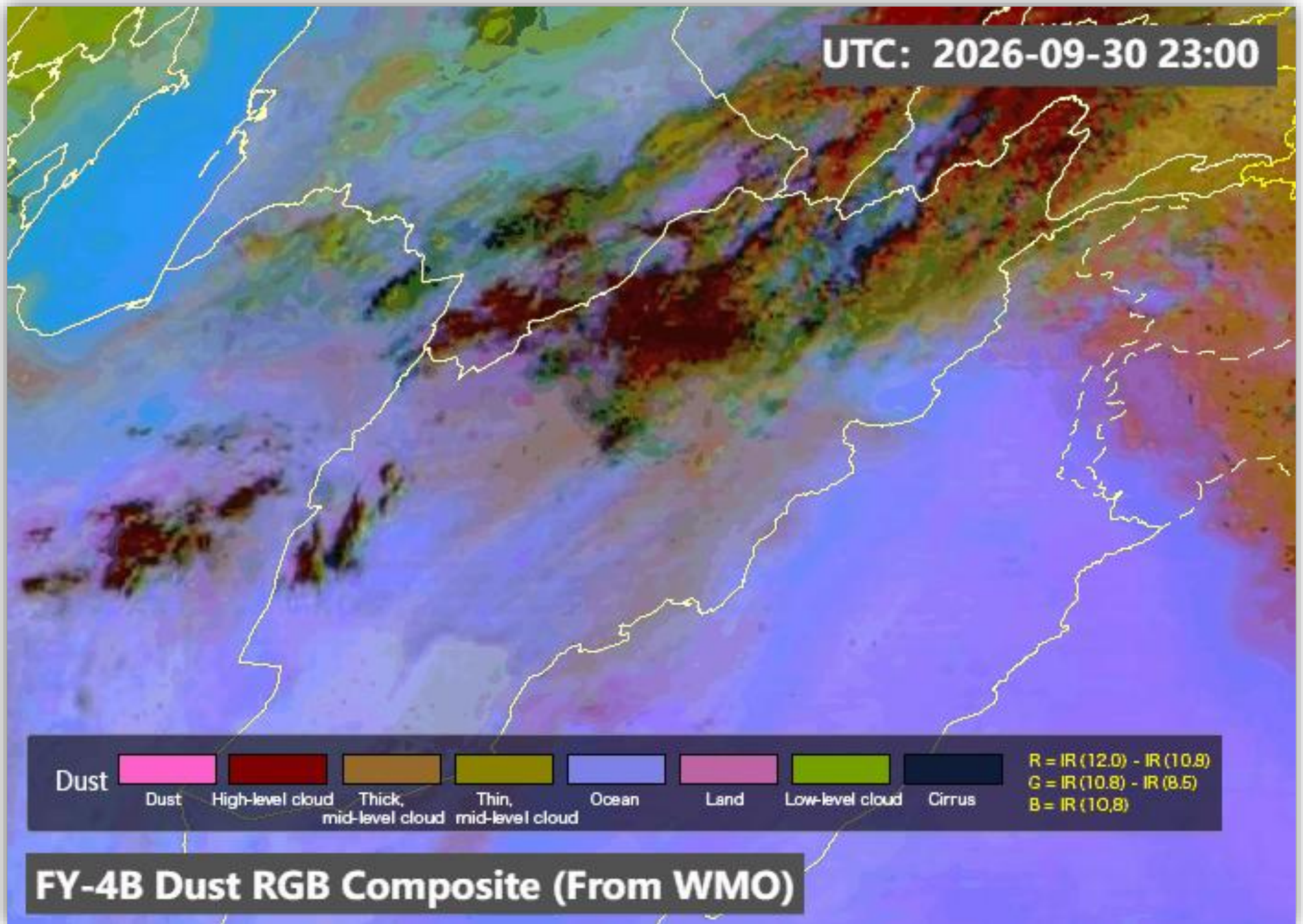
Legend:

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

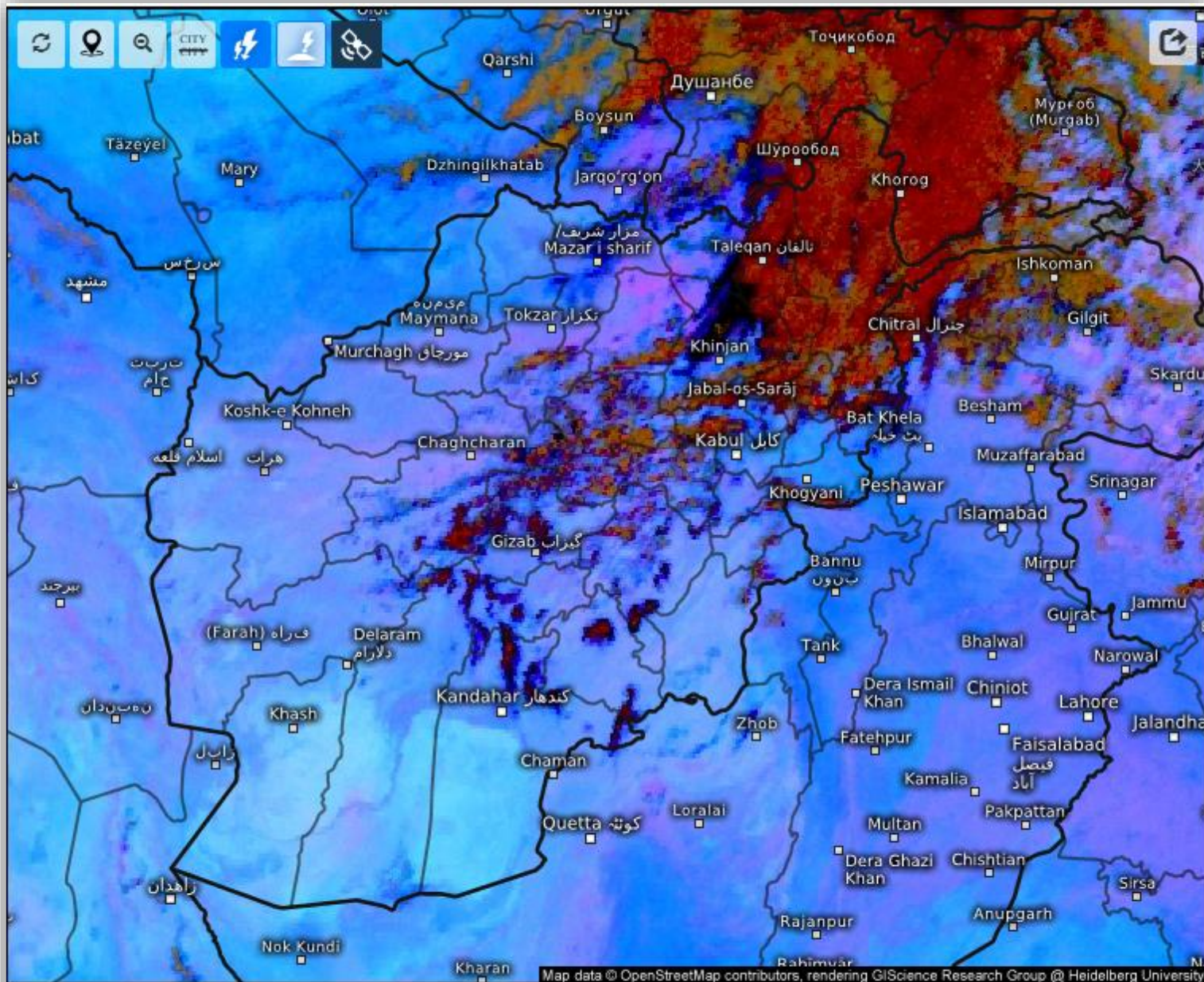
UTC: 2026-09-30 22:45



UTC: 2026-09-30 23:00

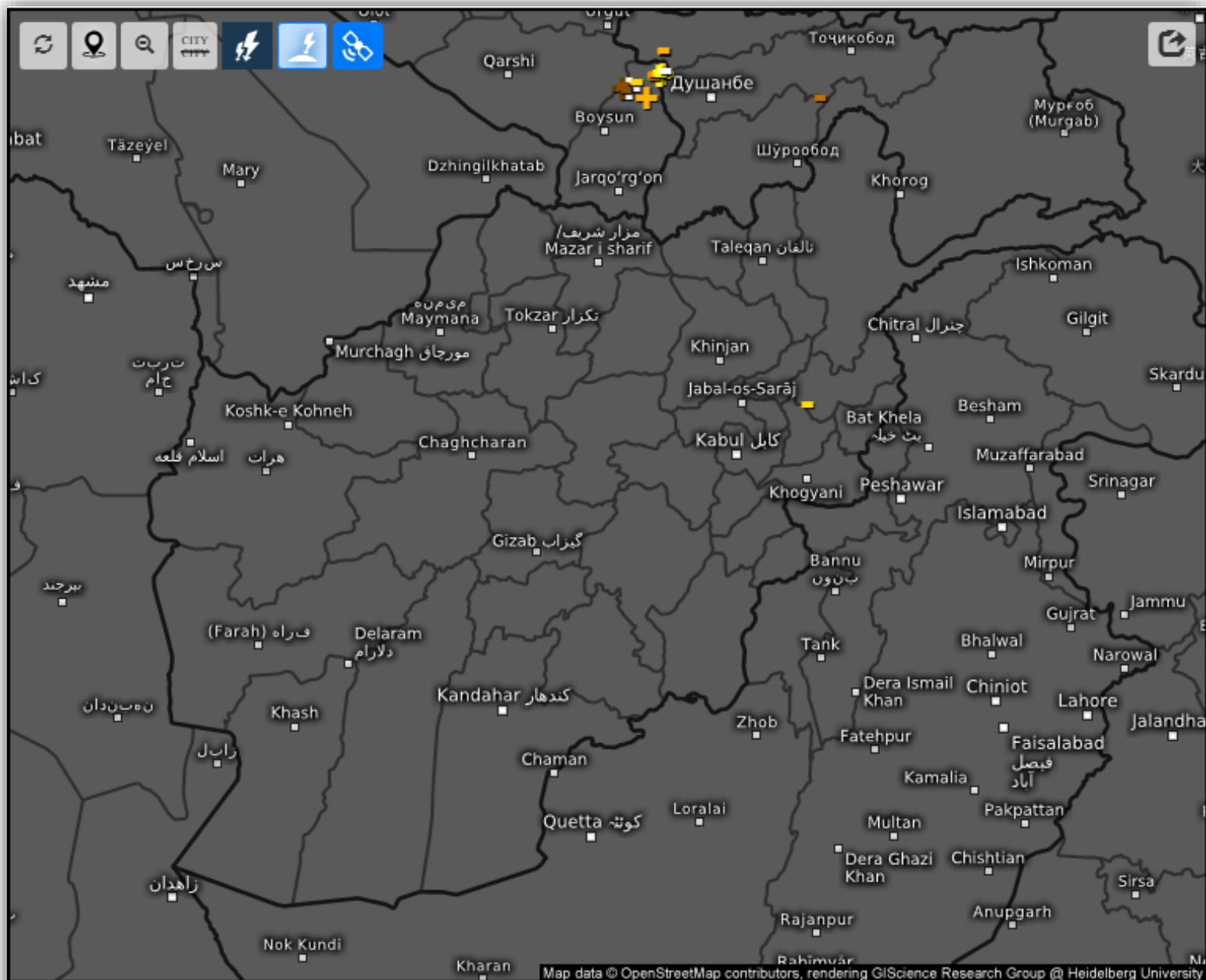


FY-4B Dust RGB Composite (From WMO)



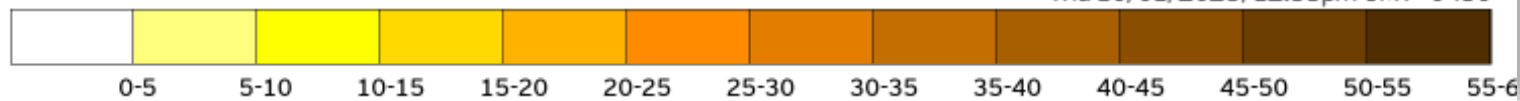
Satellite Dust 

Thu 10/01/2026, 12:15pm GMT+0430



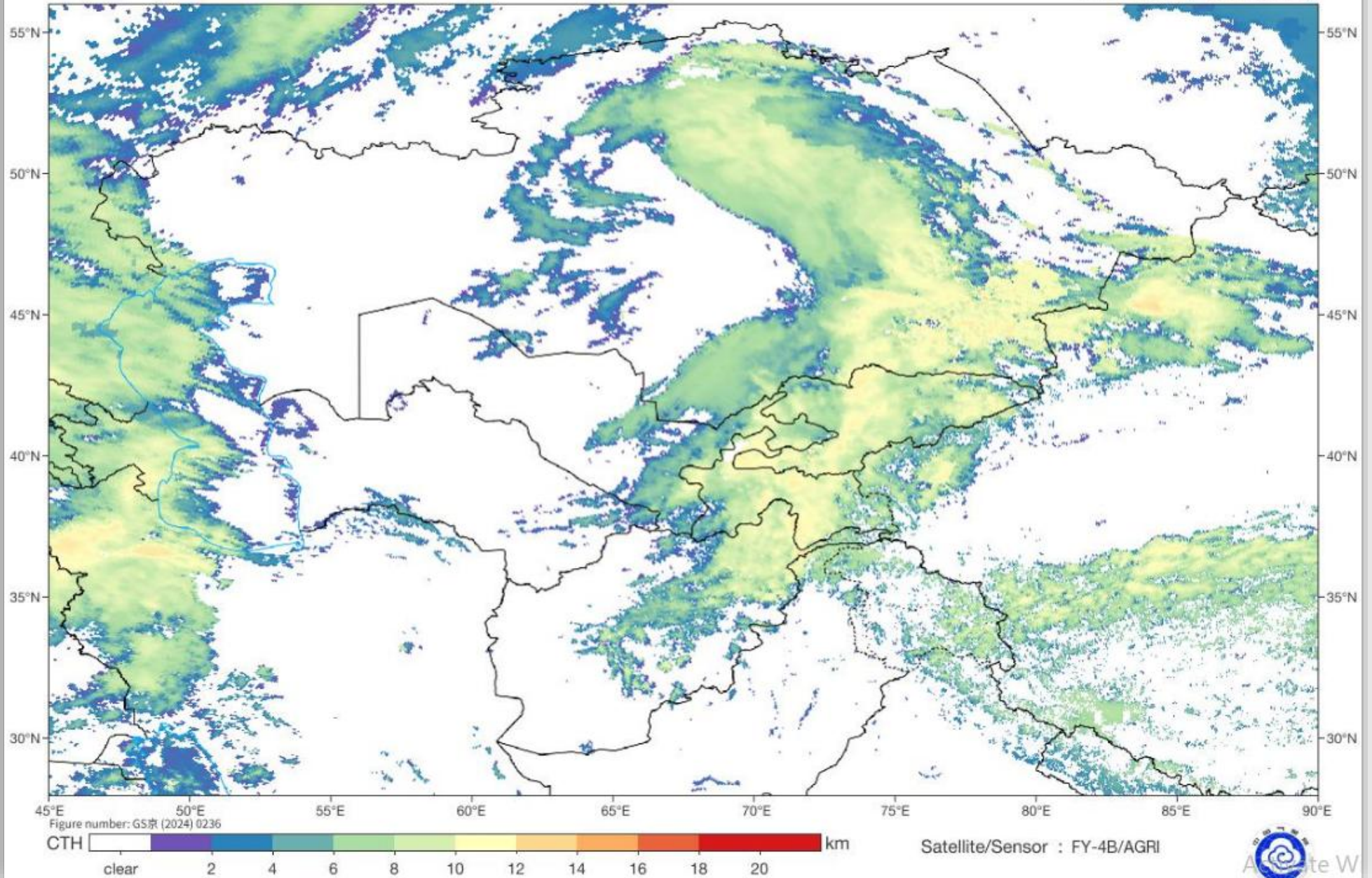
Age of lightning (minutes) 

Thu 10/01/2026, 12:35pm GMT+0430

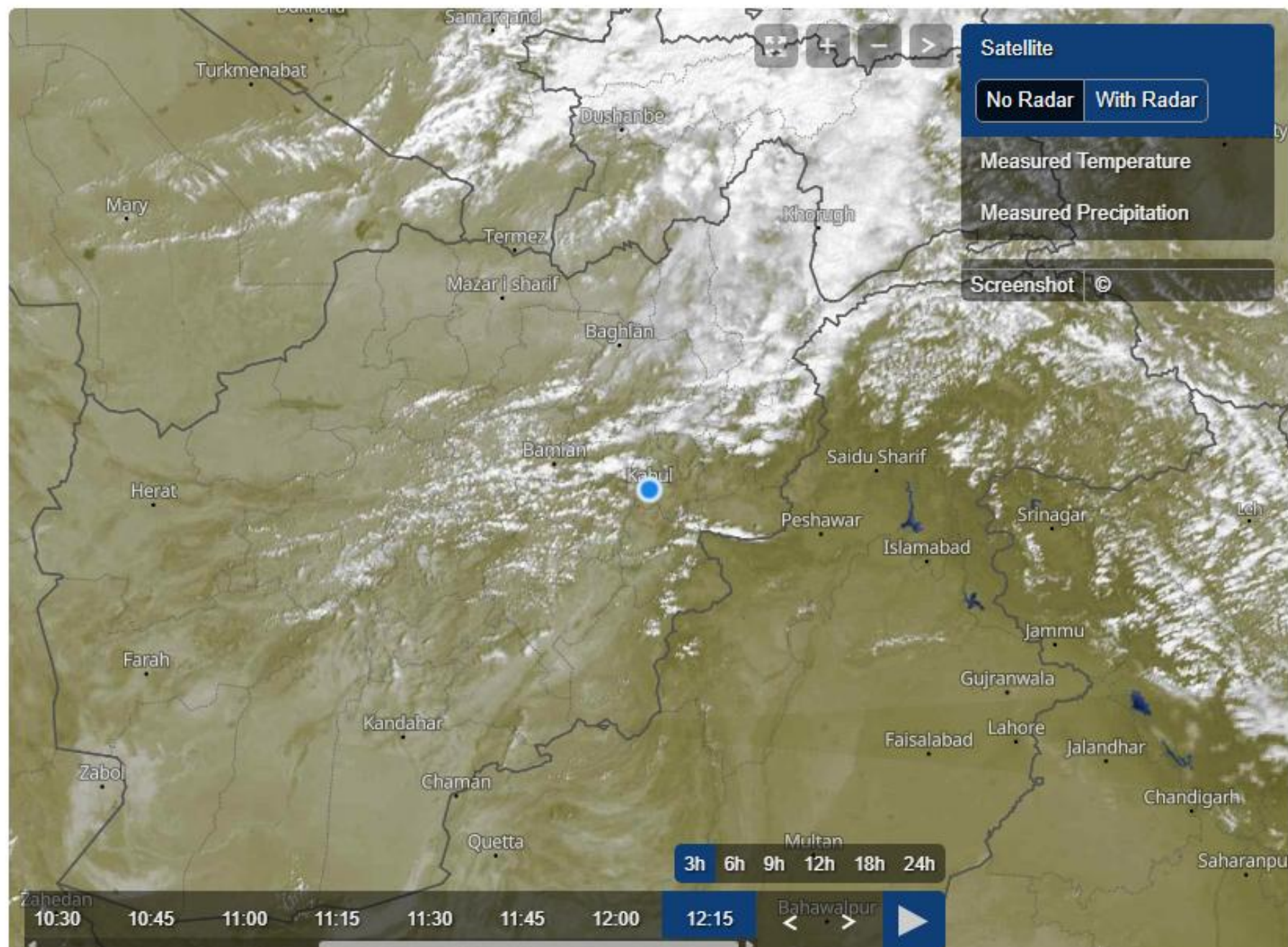


Cloud Top Height

2026-10-01 07:45(UTC)



Live satellite map, Afghanistan



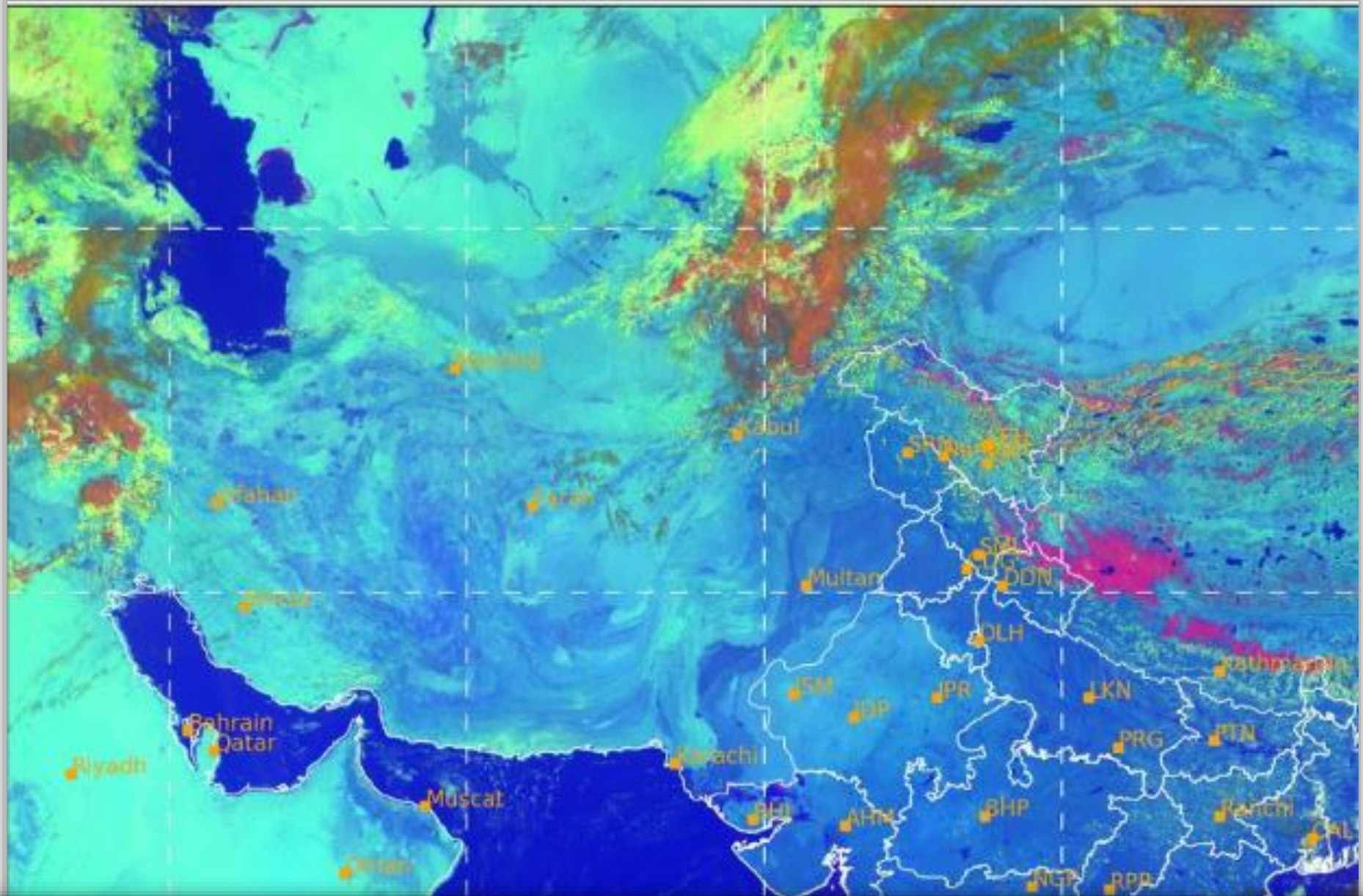
SAT : INSAT-3DR IMG

01-10-2026/(0615 to 0642) GMT

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

L1C Mercator

01-10-2026/(1145 to 1212) IST



0

100% 0

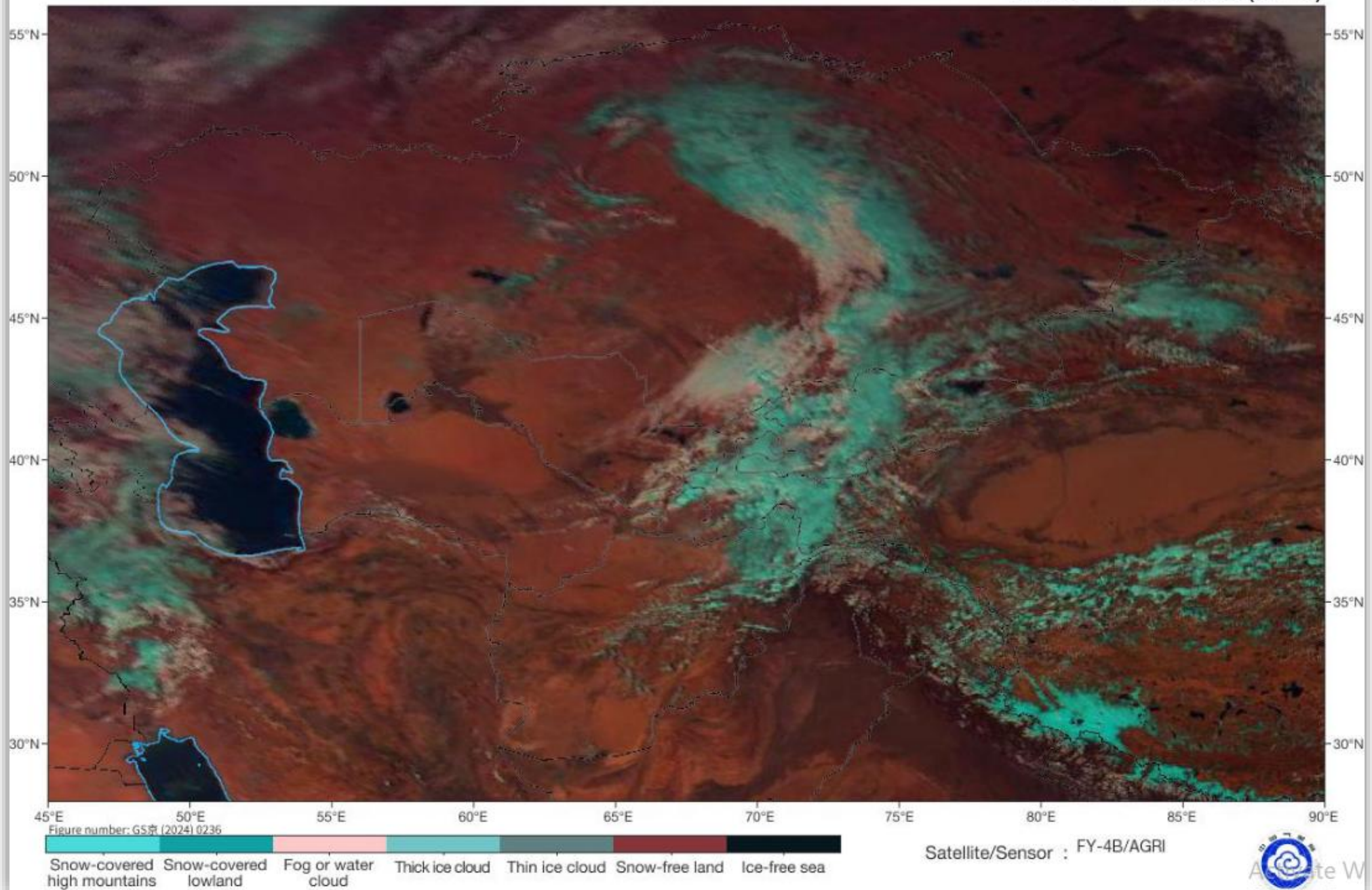
60% 203

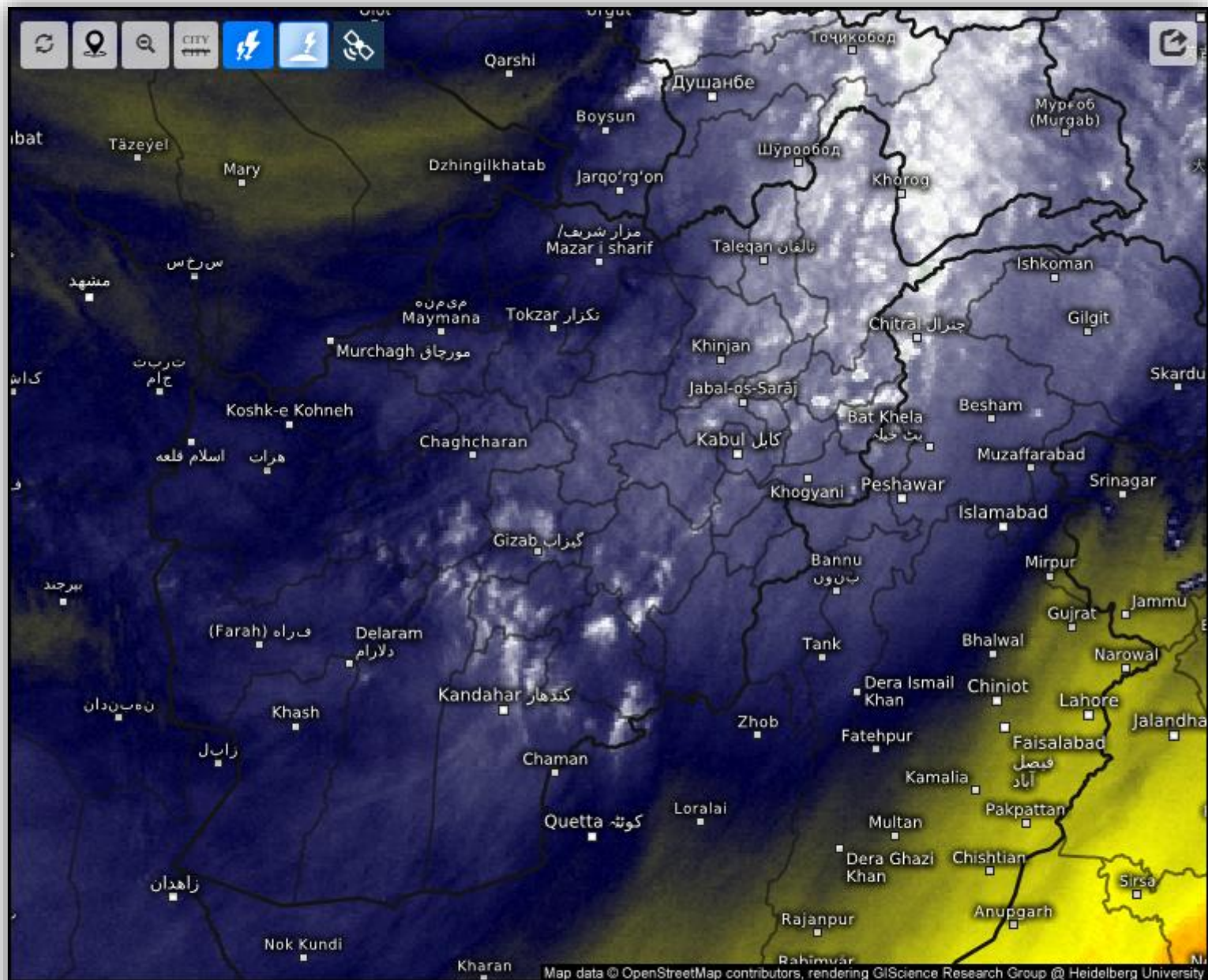
323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

Fog Identification

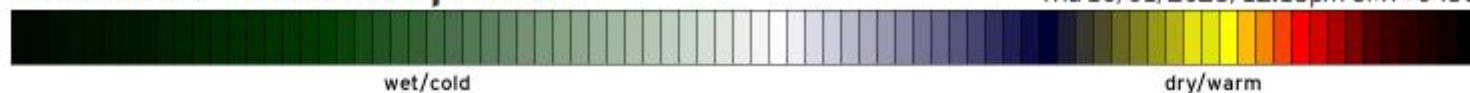
2026-10-01 07:45(UTC)





Satellite Water Vapor

Thu 10/01/2026, 12:15pm GMT+0430



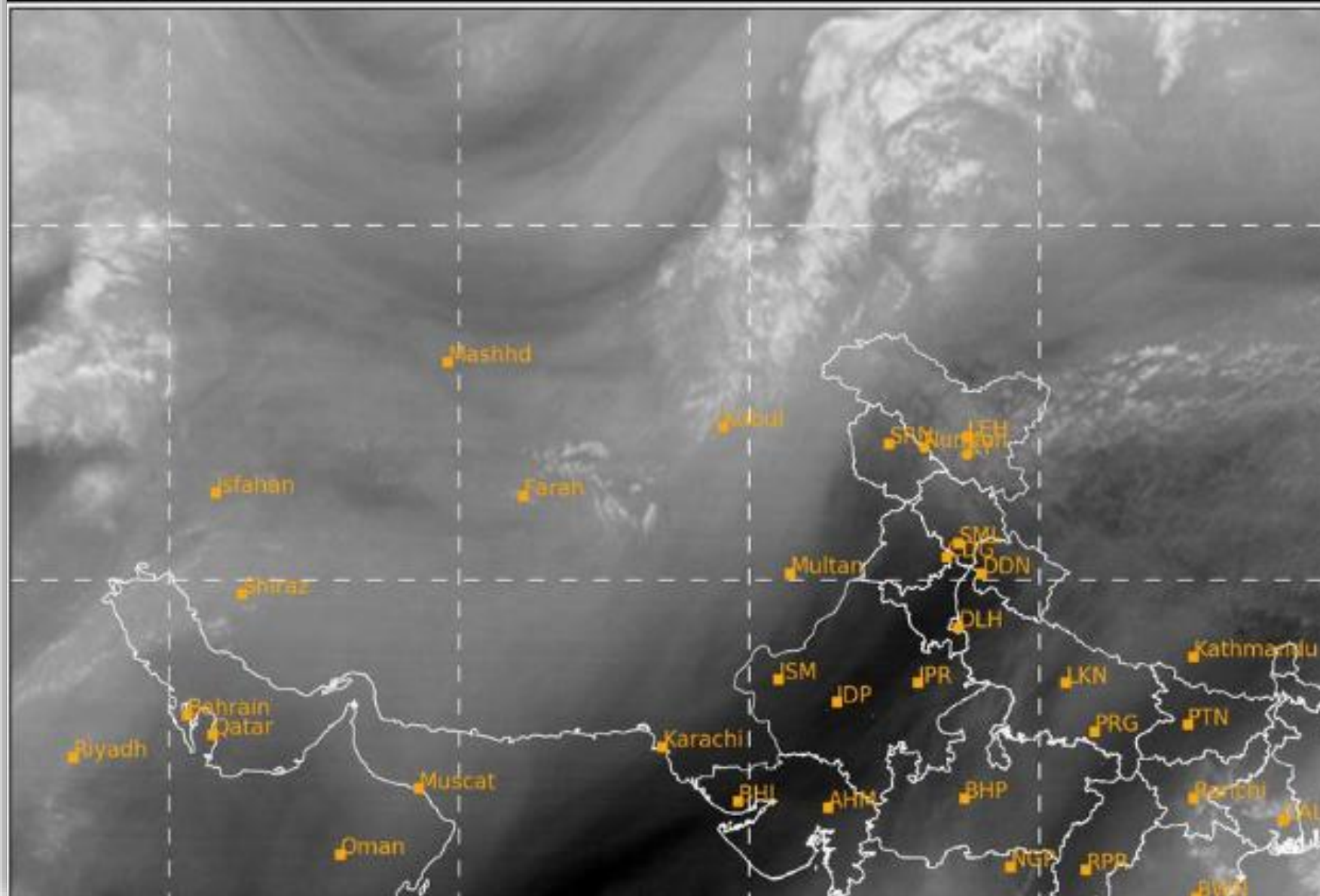
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

01-10-2026/(0615 to 0642) GMT

01-10-2026/(1145 to 1212) IST



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

01-10-2026/(0615 to 0642) GMT
01-10-2026/(1145 to 1212) IST

