



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



Daily reports of Satellite imagery analysis. Date & Time: 29-04-2026, 06:00 UTC

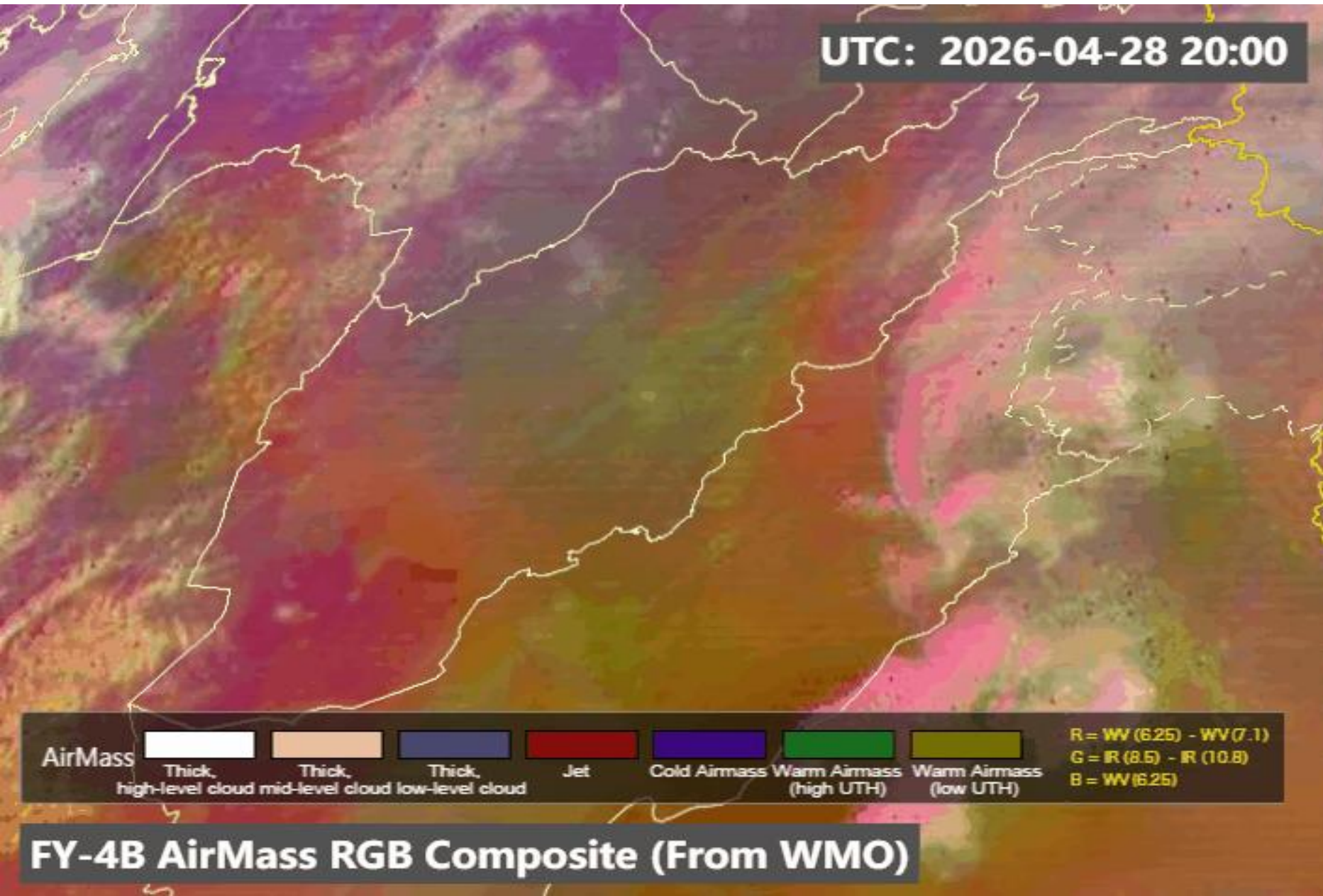
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ moderate	X	X	
2	South	✓	X	X	✓	X	✓ moderate	X	X	
3	West	✓	X	X	X	X	✓ moderate	X	X	
4	East	✓	X	X	X	X	✓ moderate	X	X	
5	central	✓	X	X	✓	✓	✓ moderate	X	X	
6	Northeast	✓	X	X	✓	✓	✓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

Details: according to satellite imagery analysis, the northern, southern, southwestern regions have cold air mass. The western, eastern, central, northeastern, southeastern, northwestern regions have warm air mass with (High UTH). The northern, southern, central, northeastern, southwestern regions have cloudy sky. The central, northeastern regions have fog or water cloud. The all-regions have moderate water vapor.

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

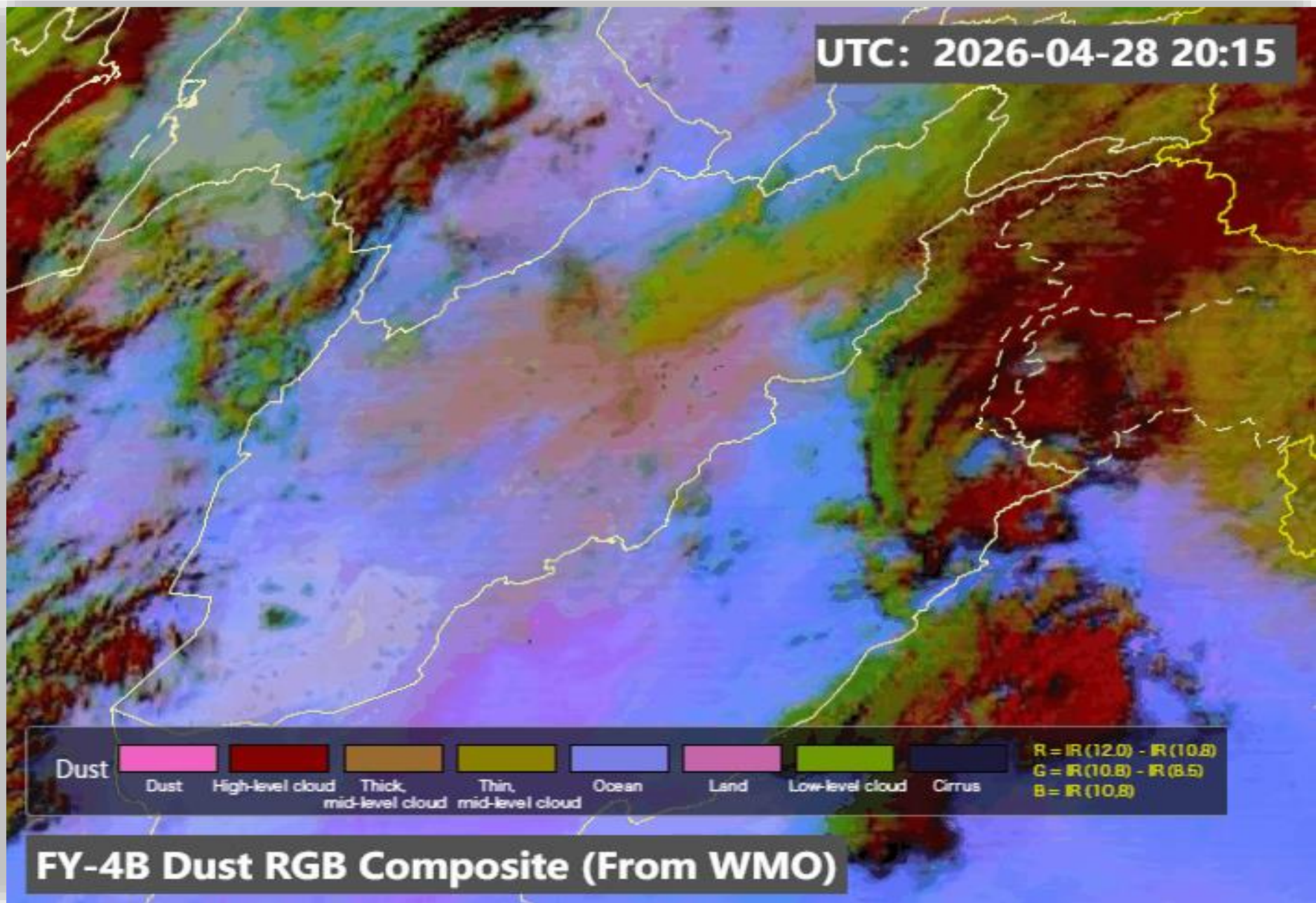
Reported by: Esmatullah Mohammadi

UTC: 2026-04-28 20:00




FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-04-28 20:15



Dust

							
Dust	High-level cloud	Thick, mid-level cloud	Thin, mid-level cloud	Ocean	Land	Low-level cloud	Cirrus

$R = IR(12.0) - IR(10.8)$
 $G = IR(10.8) - IR(8.5)$
 $B = IR(10.8)$

FY-4B Dust RGB Composite (From WMO)

Sand And Dust Identification

2026-04-29 05:30(UTC)

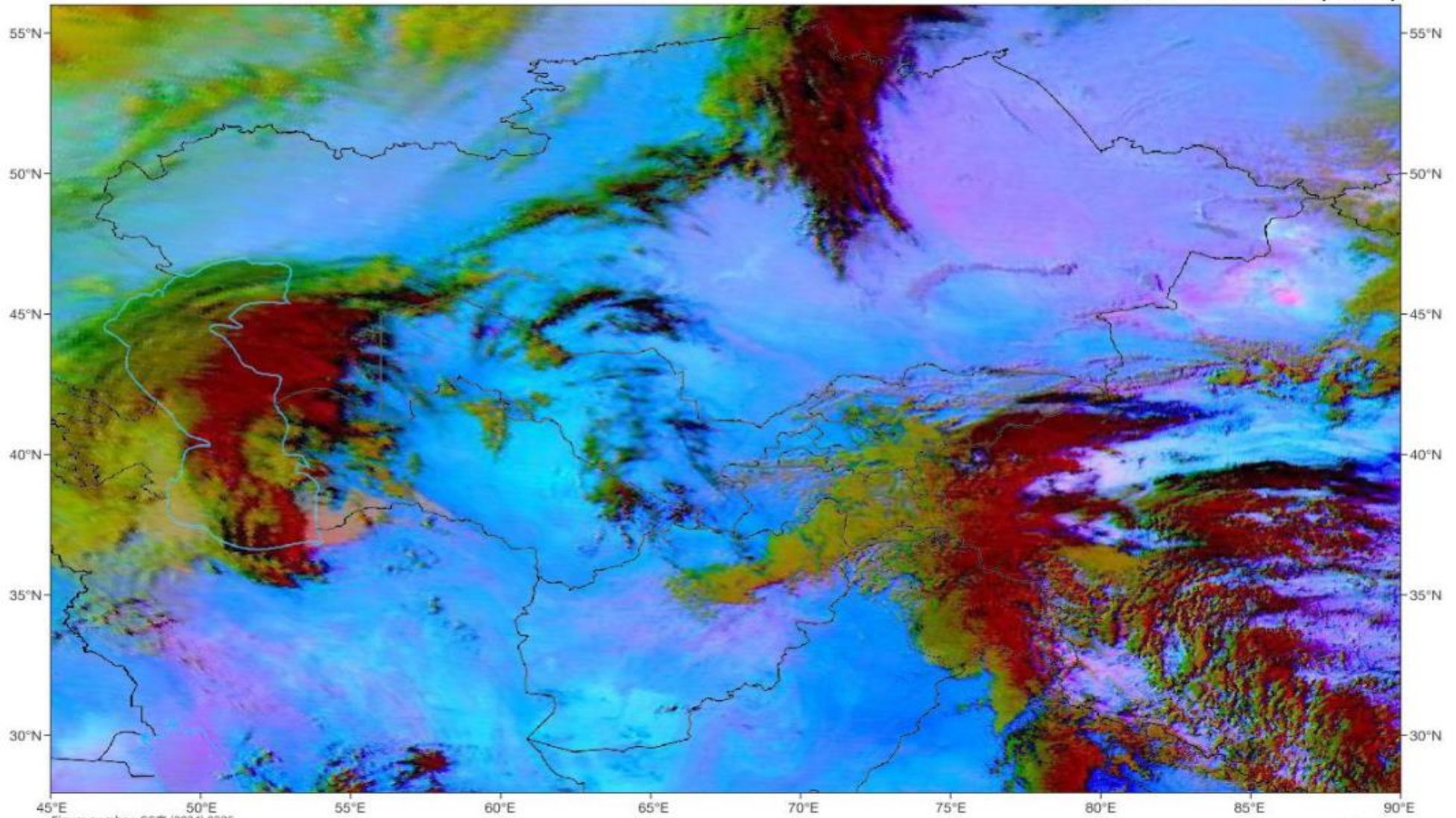
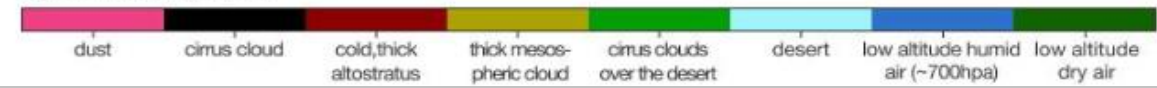


Figure number: GS京 (2024) 0236

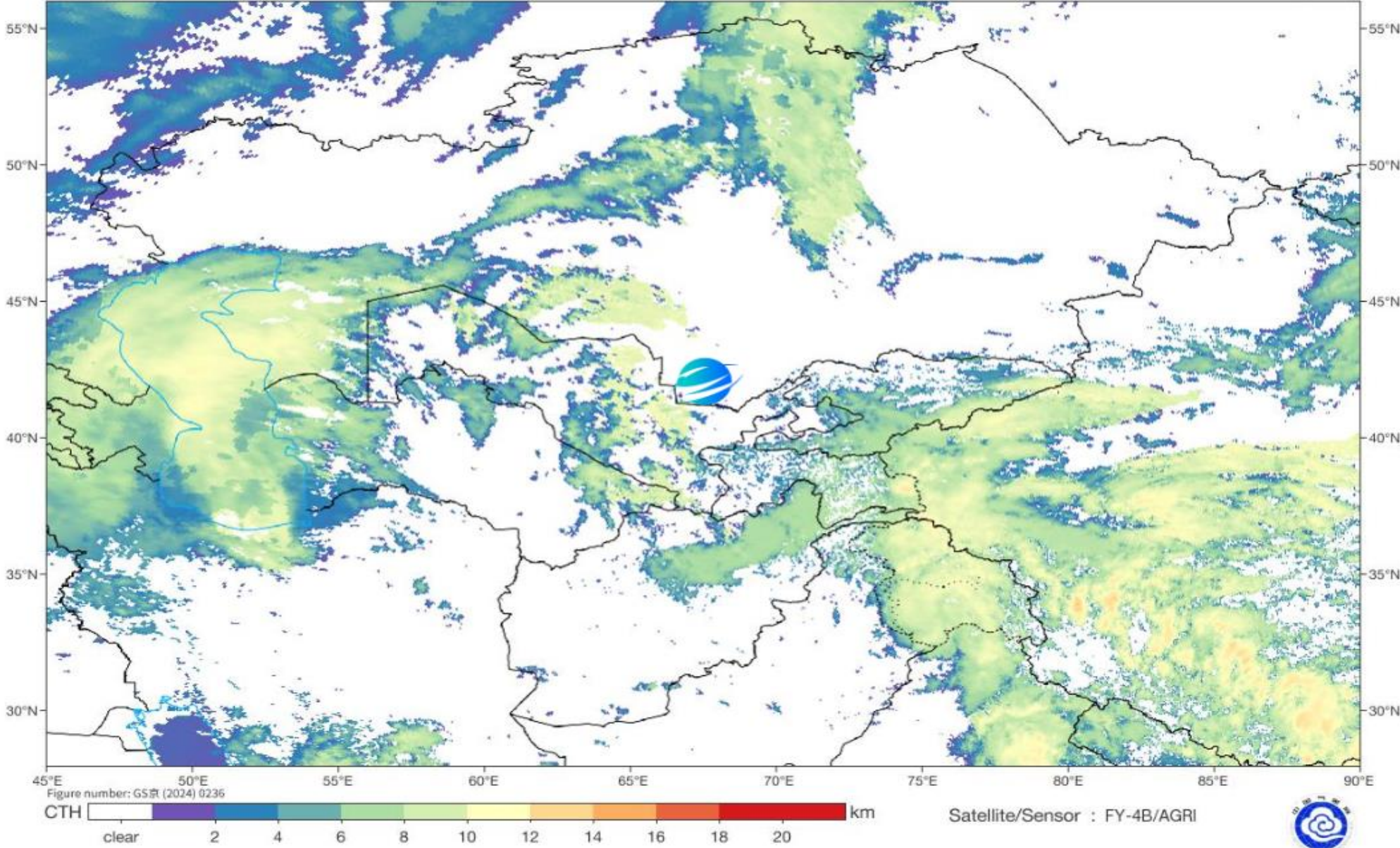


Satellite/Sensor : FY-4B/AGRI



Cloud Top Height

2026-04-29 05:30(UTC)

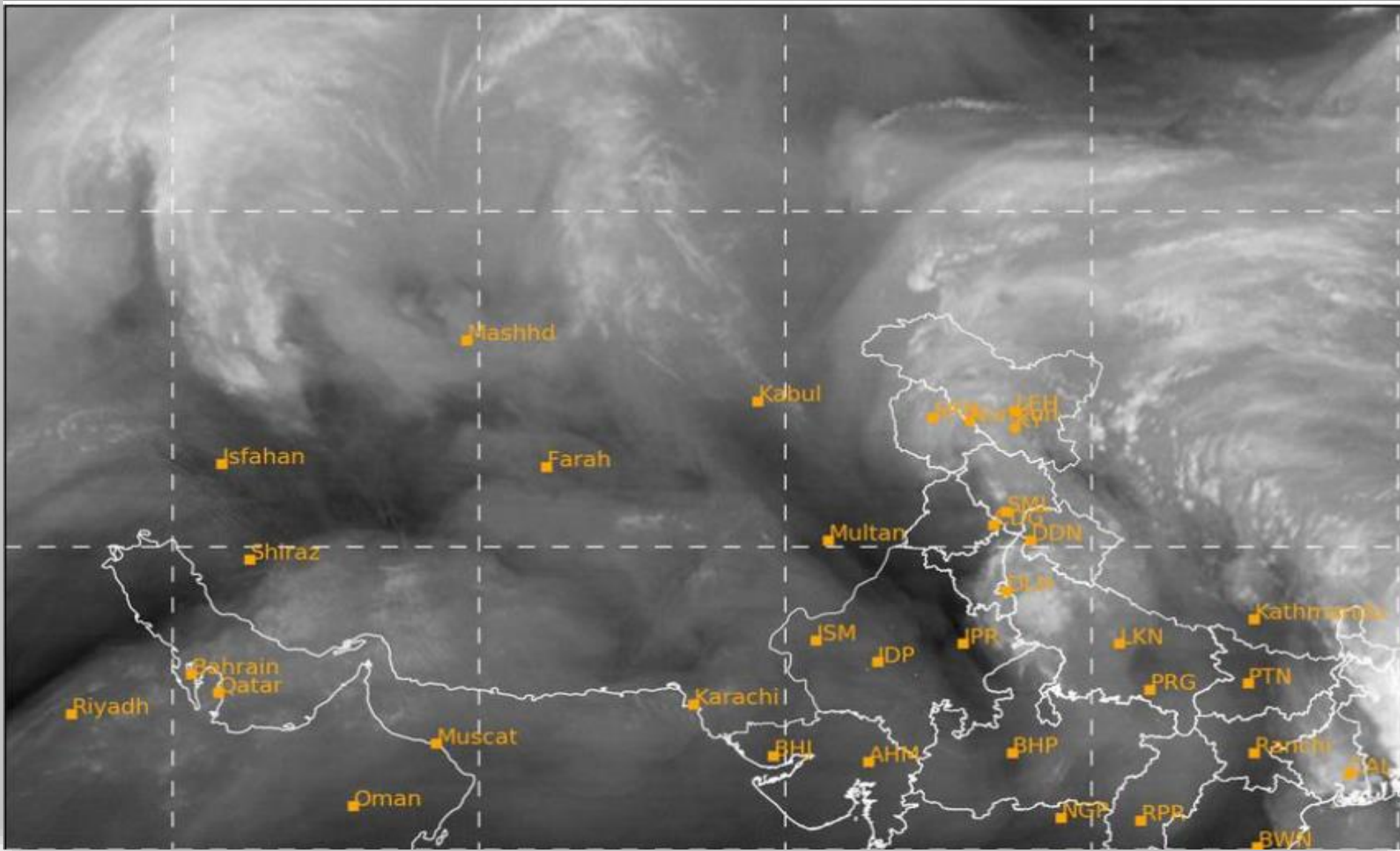


Live satellite map, Afghanistan



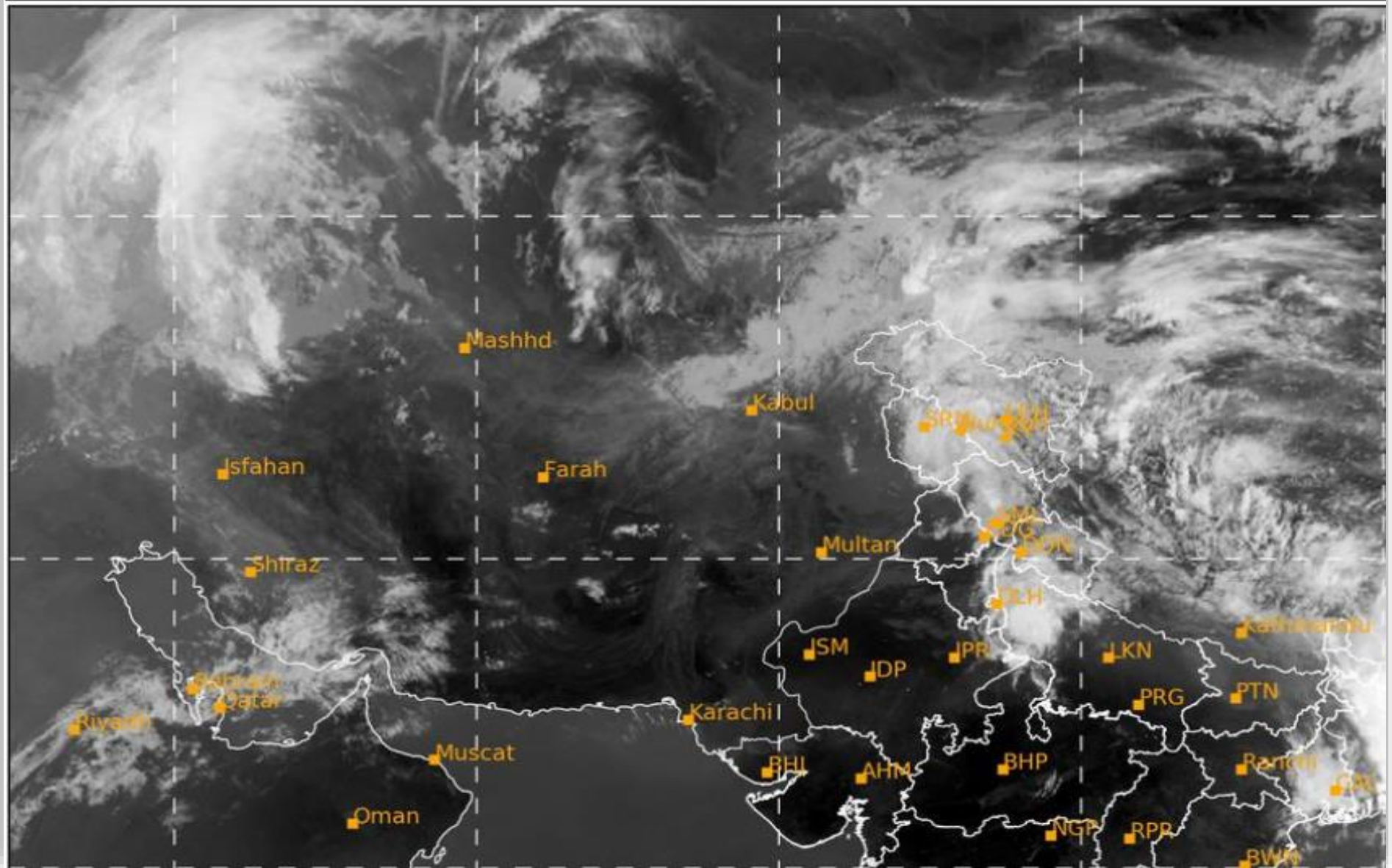
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

29-04-2026/(0415 to 0442) GMT
29-04-2026/(0945 to 1012) IST



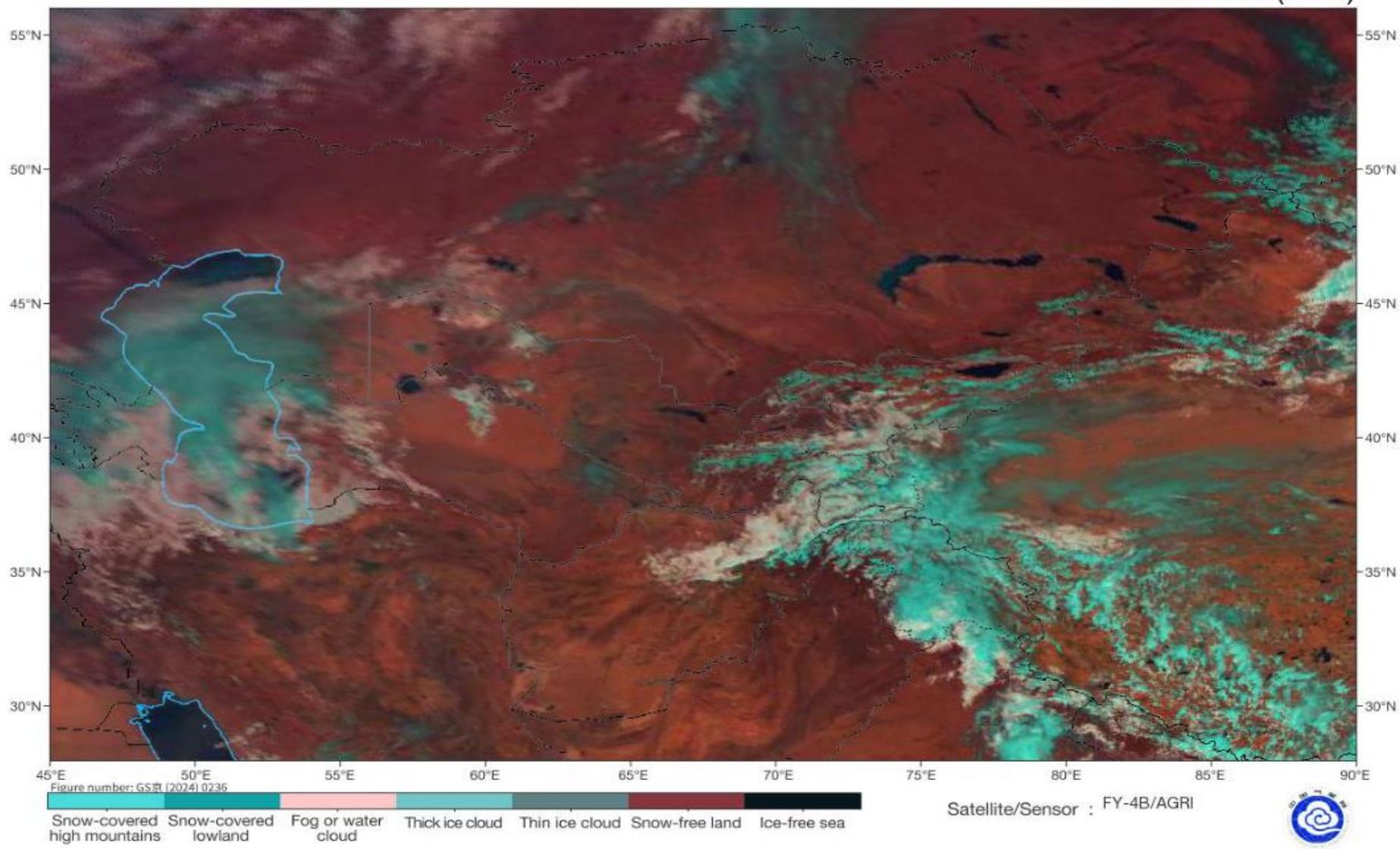
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

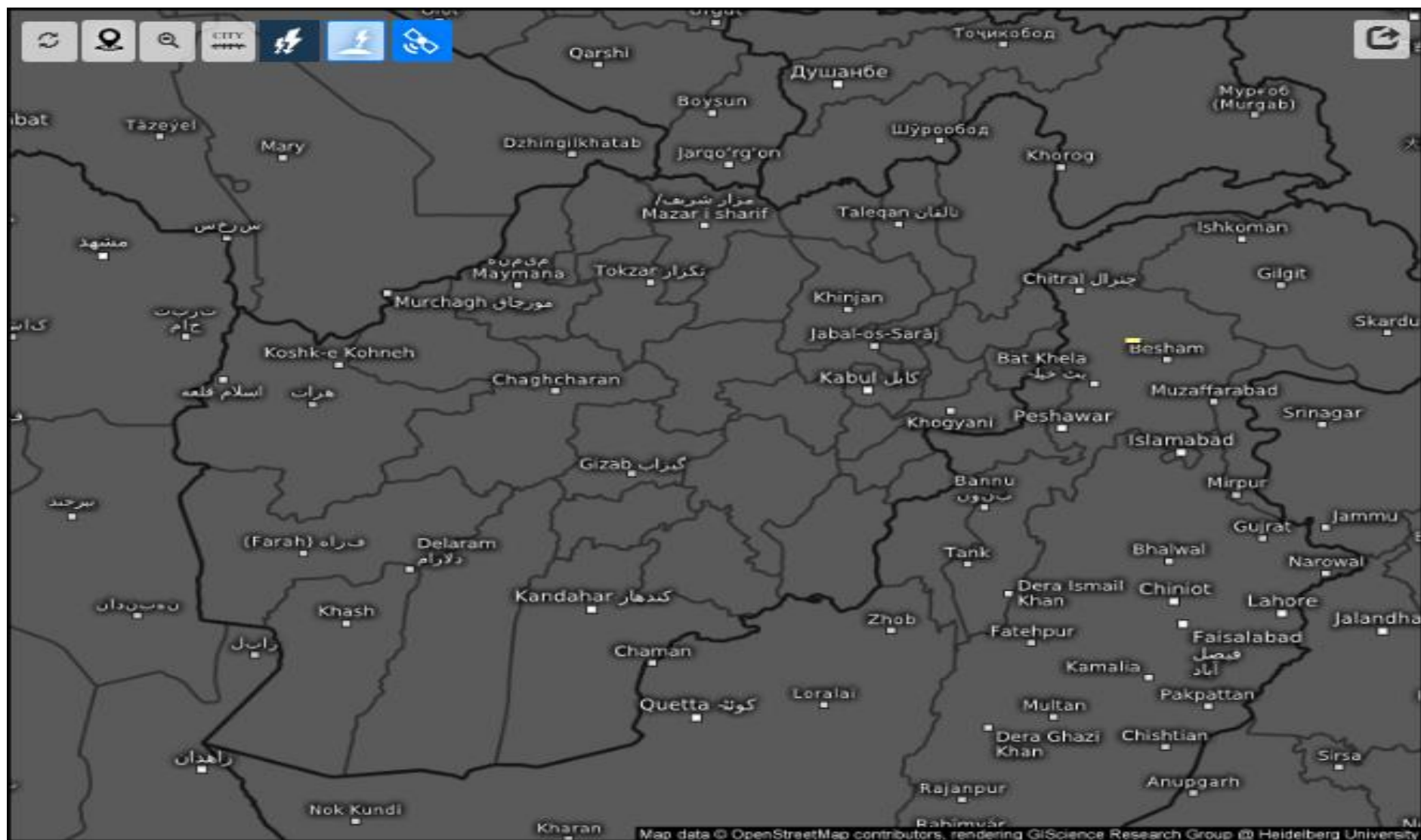
29-04-2026/(0415 to 0442) GMT
29-04-2026/(0945 to 1012) IST



Fog Identification

2026-04-29 05:30(UTC)





Age of lightning (minutes) i

Wed 04/29/2026, 10:15am GMT+0430

