



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



Daily reports of Satellite imagery analysis. Date & Time: 14-06-2026, 06:00 UTC

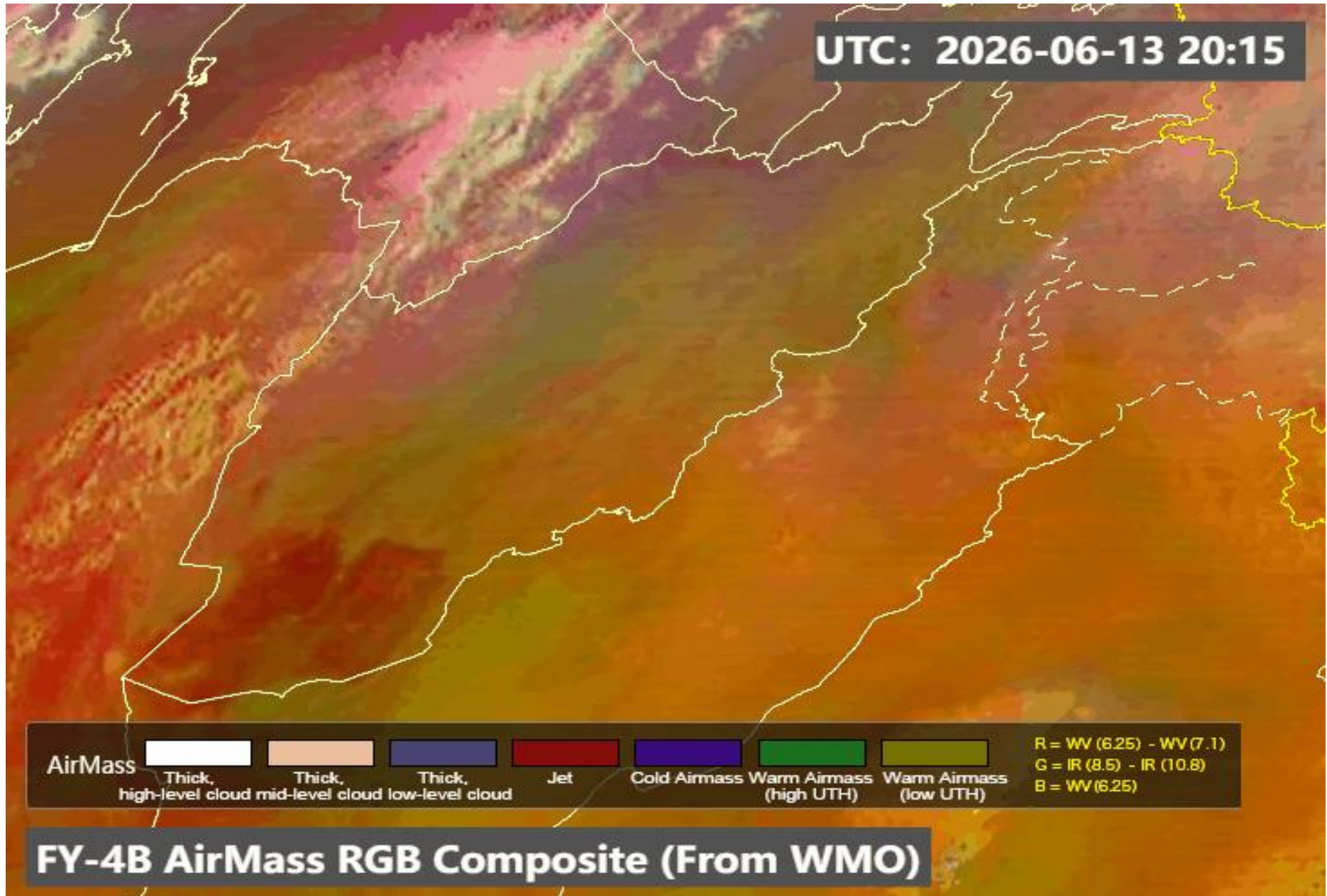
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	✓	X	✓ moderate	X	X	
2	South	X	X	X	X	X	✓ weak	X	✓	
3	West	X	X	X	X	X	✓ weak	X	X	
4	East	✓	light	X	✓	X	✓ weak	X	X	
5	central	✓	light	X	✓	X	✓ moderate	X	X	
6	Northeast	X	X	X	✓	X	✓ moderate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

Details: According to satellite imagery analysis, the eastern, central, southeastern regions have a warm air mass with (Low UTH). The eastern, central, southeastern regions have dust. The northern, eastern, central, northeastern and northwestern regions have cloudy skies. The southern, western, eastern, southeastern and southwestern regions have weak water vapor, the northern, central, northeastern, northwestern, regions have moderate water vapor. The southern and southwestern regions have Jetstream.

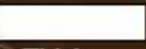
Not: X (Not existing phenomena) ✓ (existing phenomena)

Reported by: Esmatullah Mohammadi

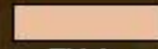
UTC: 2026-06-13 20:15



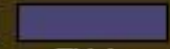
AirMass



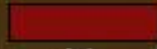
Thick, high-level cloud



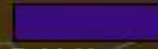
Thick, mid-level cloud



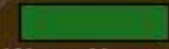
Thick, low-level cloud



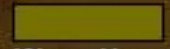
Jet



Cold Airmass



Warm Airmass (high UTH)

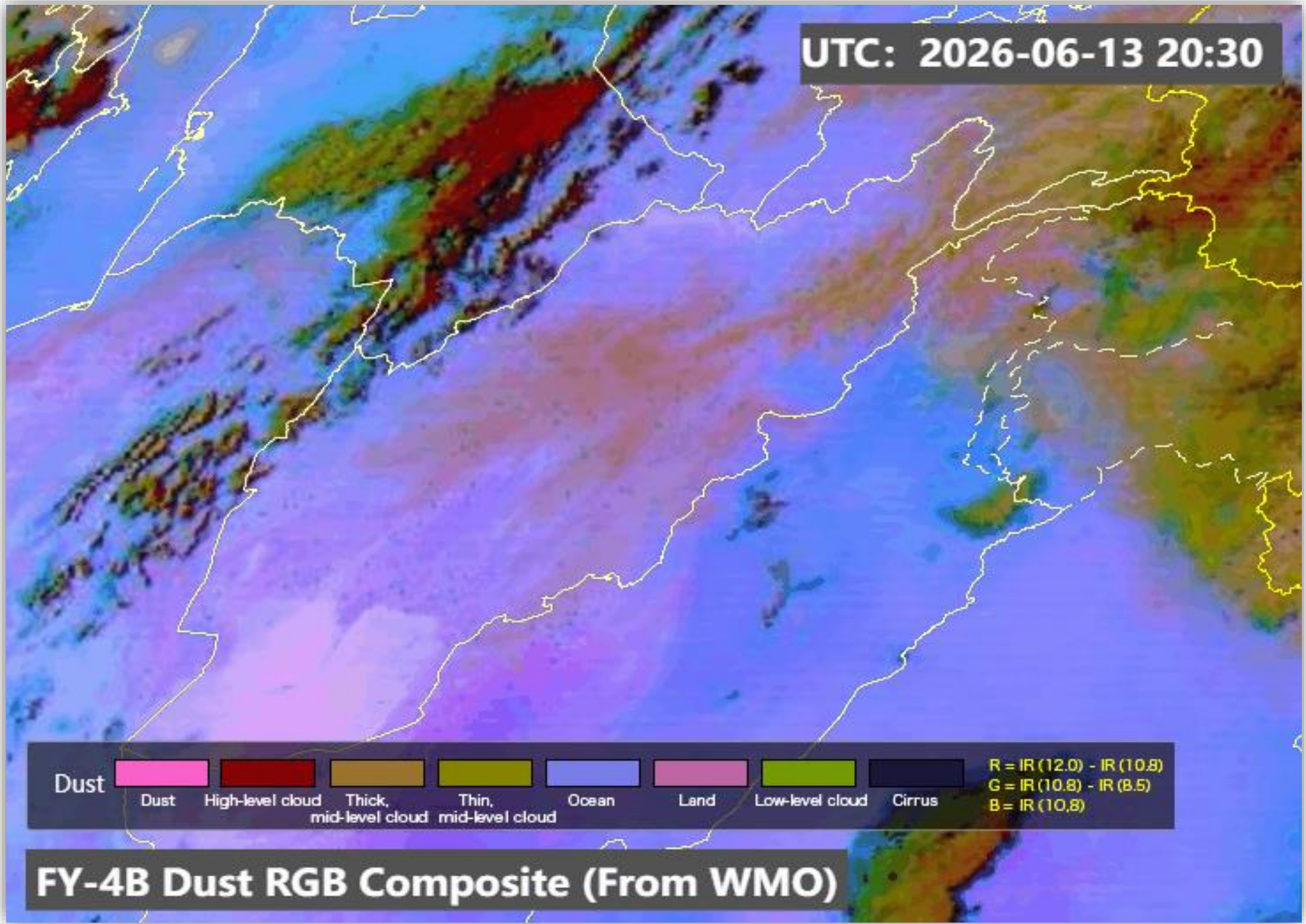


Warm Airmass (low UTH)

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)

UTC: 2026-06-13 20:30



Dust									R = IR (12.0) - IR (10.8)
	Dust	High-level cloud	Thick, mid-level cloud	Thin, mid-level cloud	Ocean	Land	Low-level cloud	Cirrus	G = IR (10.8) - IR (8.5)
									B = IR (10.8)

FY-4B Dust RGB Composite (From WMO)

Sand And Dust Identification

2026-06-14 05:30(UTC)

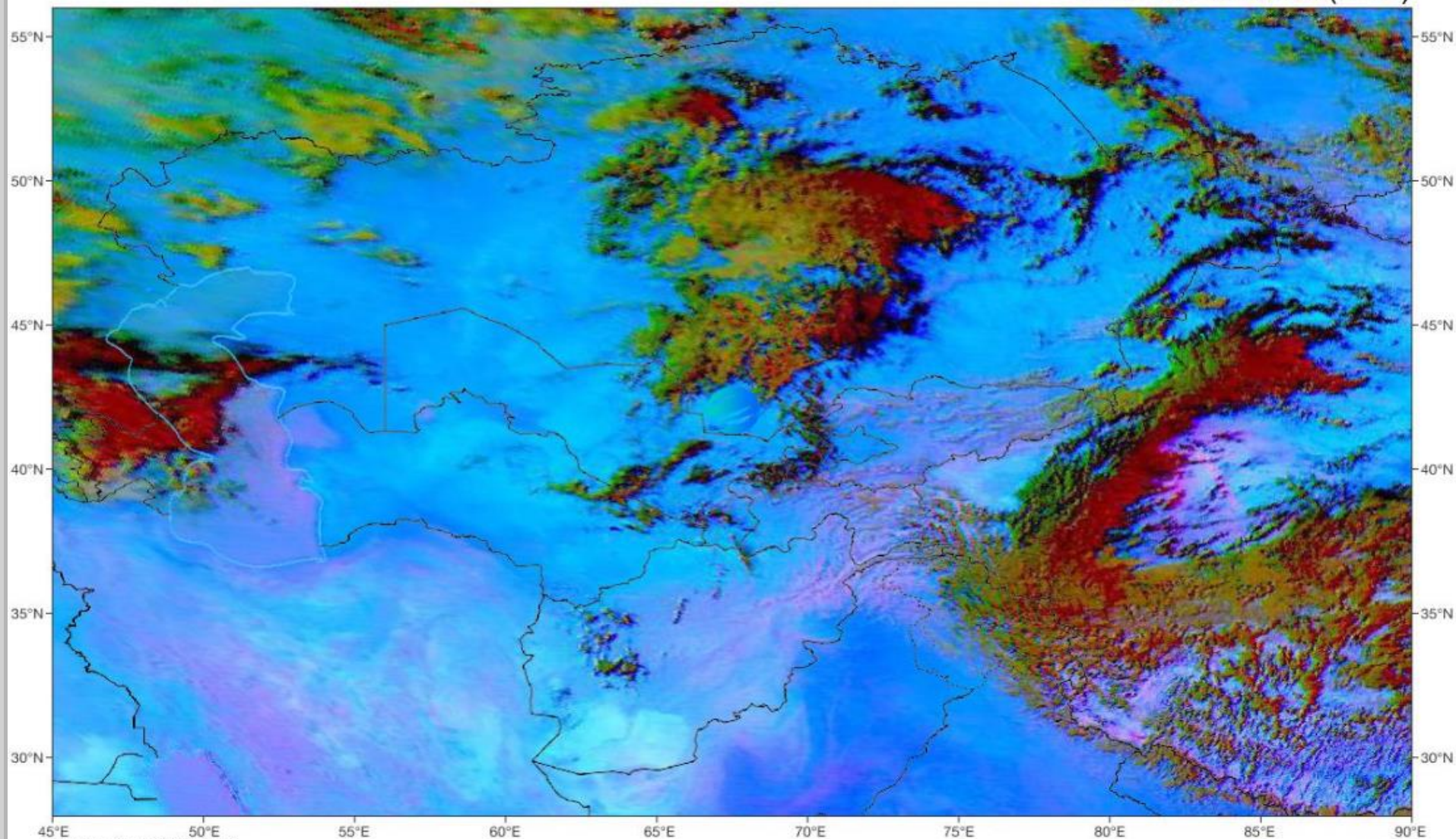


Figure number: GS京(2024) 0236

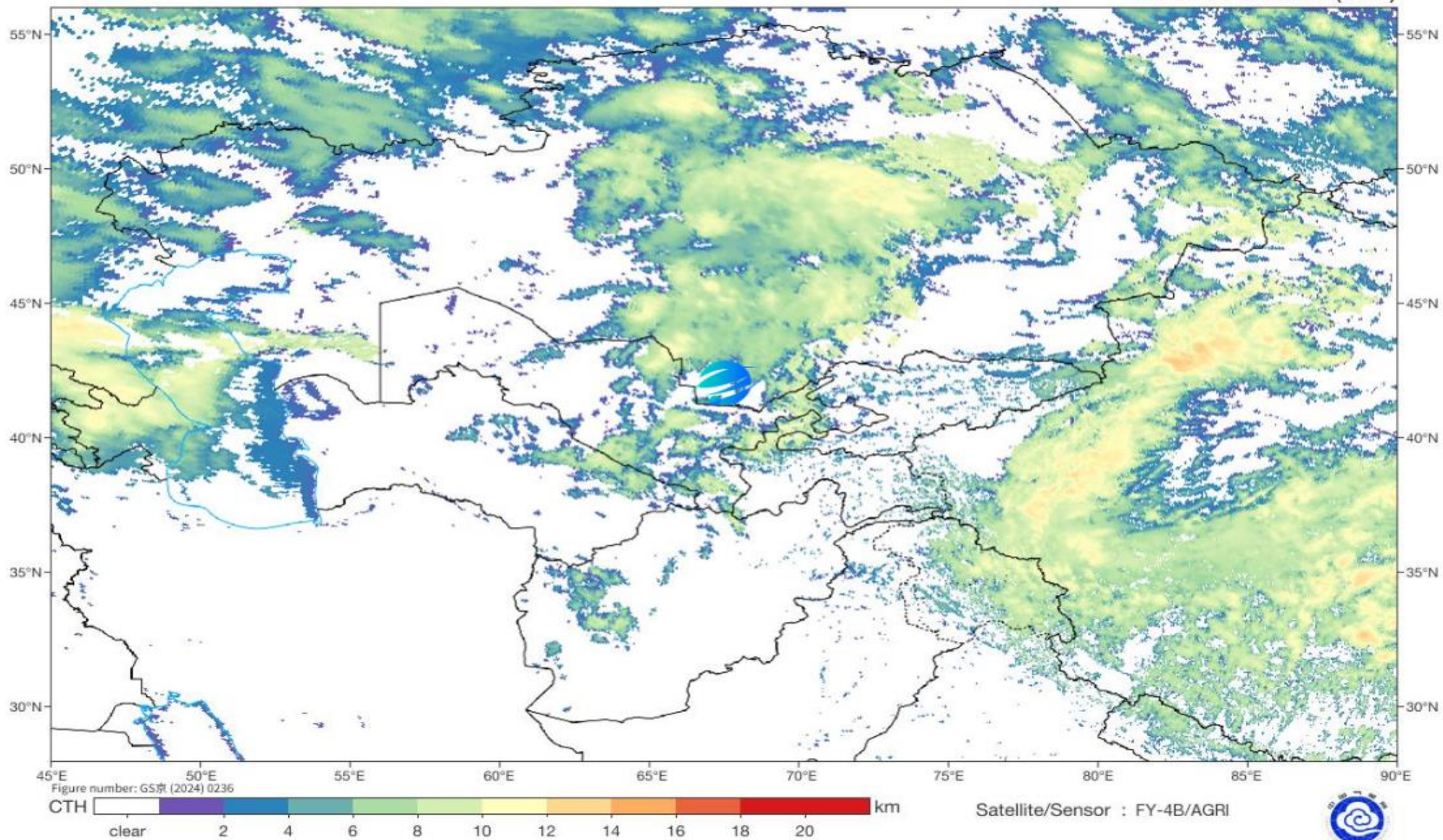


Satellite/Sensor : FY-4B/AGRI

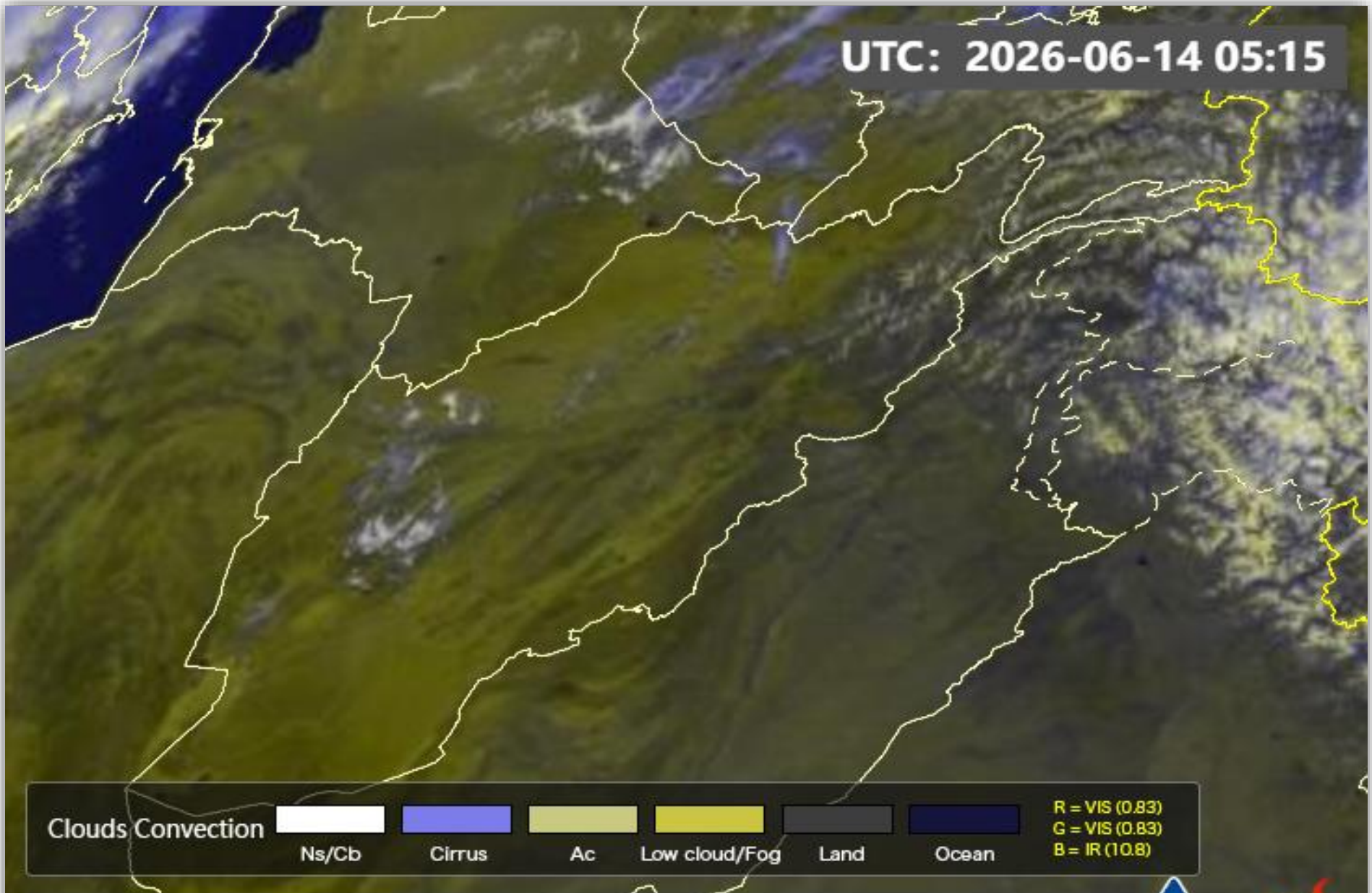


Cloud Top Height

2026-06-14 05:15(UTC)



UTC: 2026-06-14 05:15



Clouds Convection

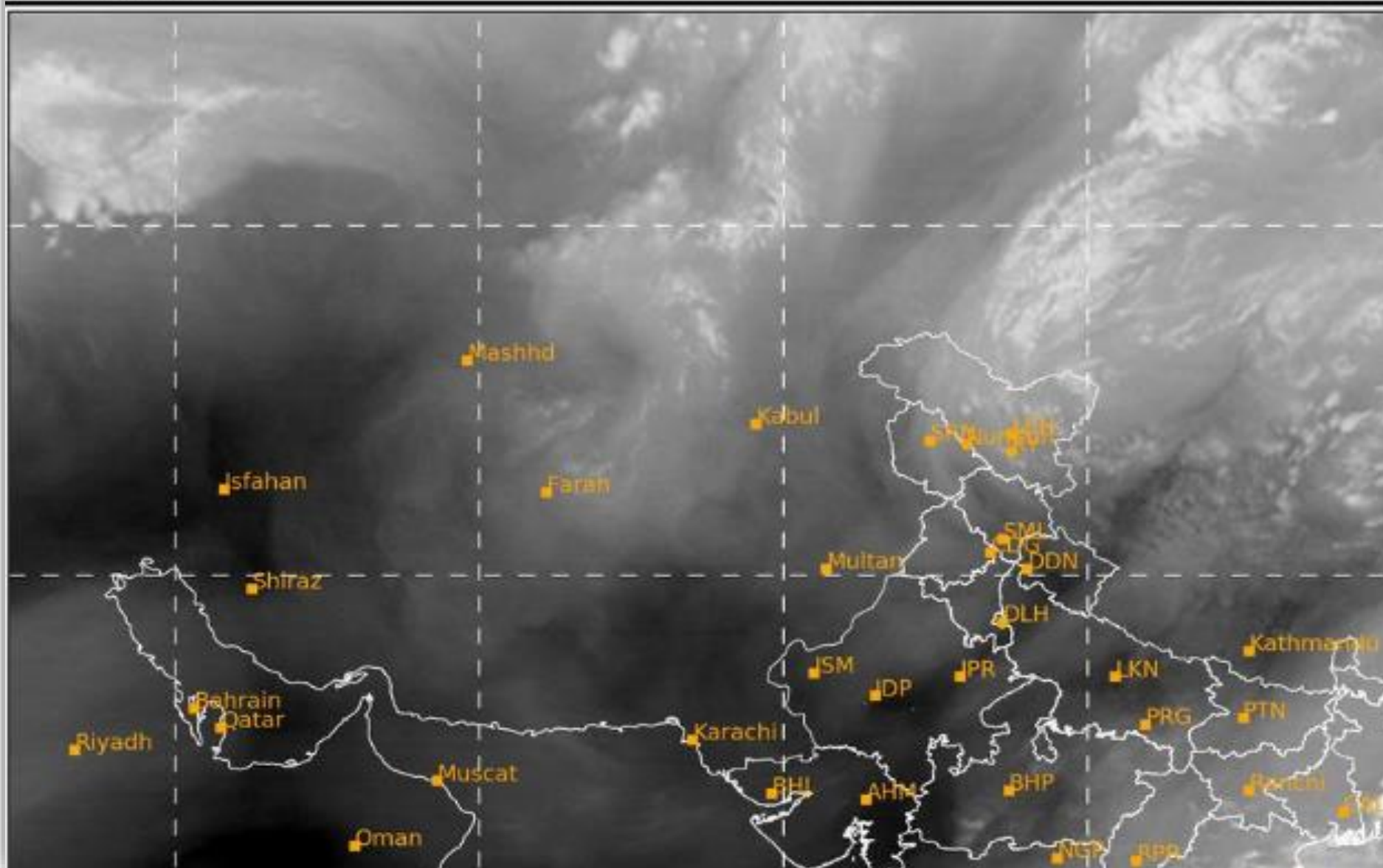
						R = VIS (0.83)
Ns/Cb	Cirrus	Ac	Low cloud/Fog	Land	Ocean	G = VIS (0.83)
						B = IR (10.8)

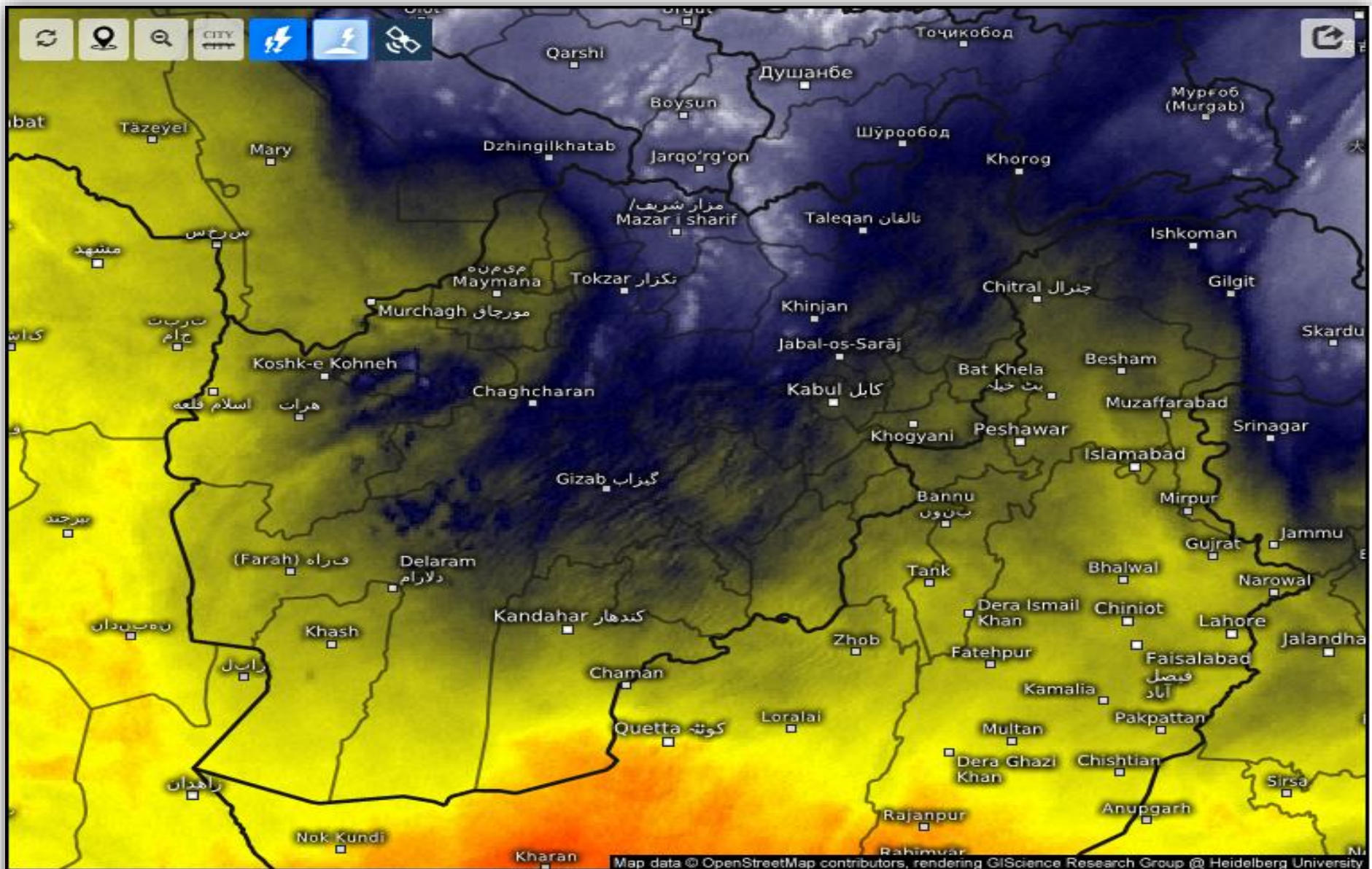
FY-4B CloudsConvection RGB Composite (From WMO)



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

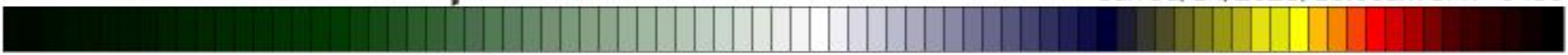
14-06-2026/(0415 to 0442) GMT
14-06-2026/(0945 to 1012) IST





Satellite Water Vapor

Sun 06/14/2026, 10:00am GMT+0430

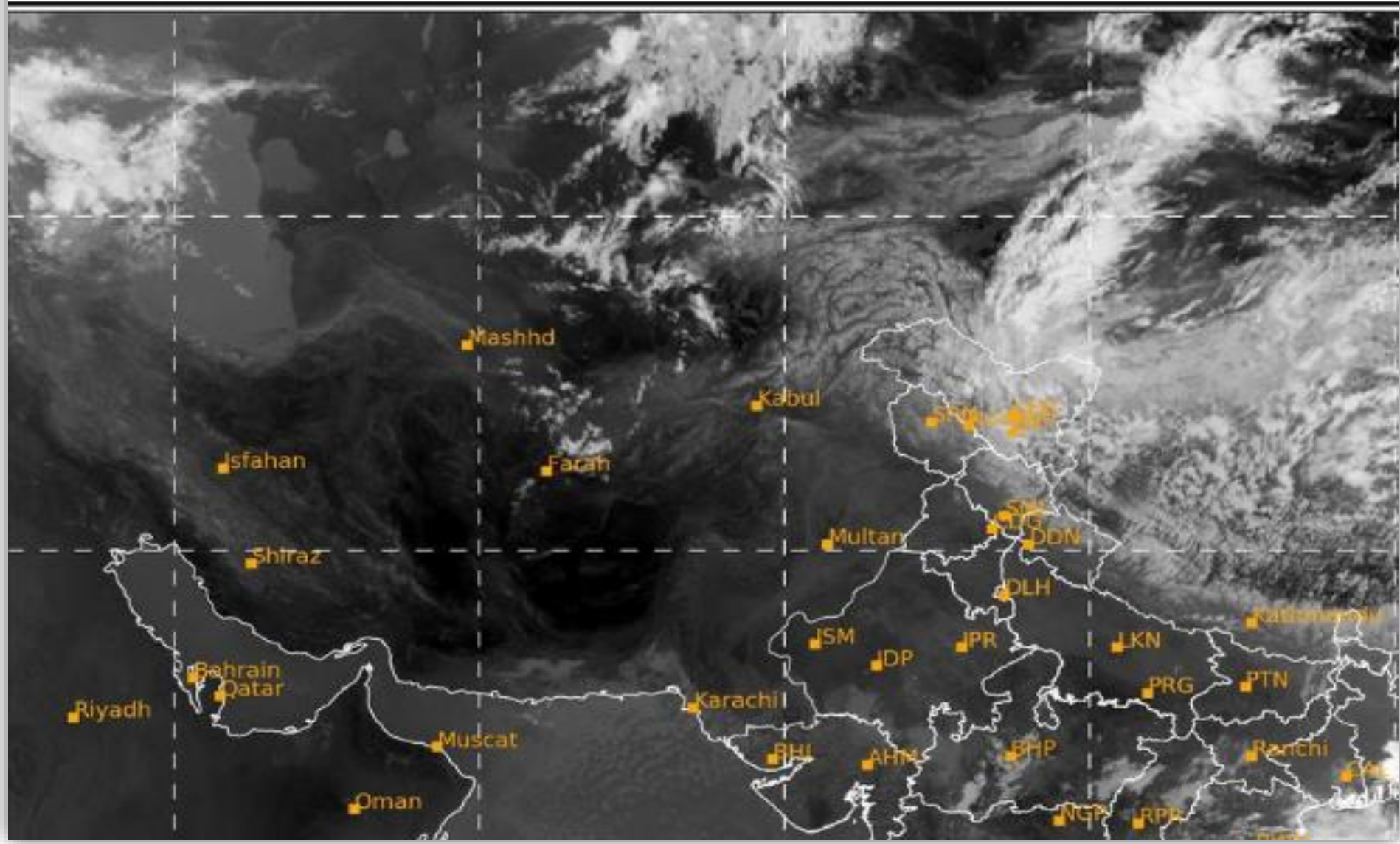


wet/cold

dry/warm

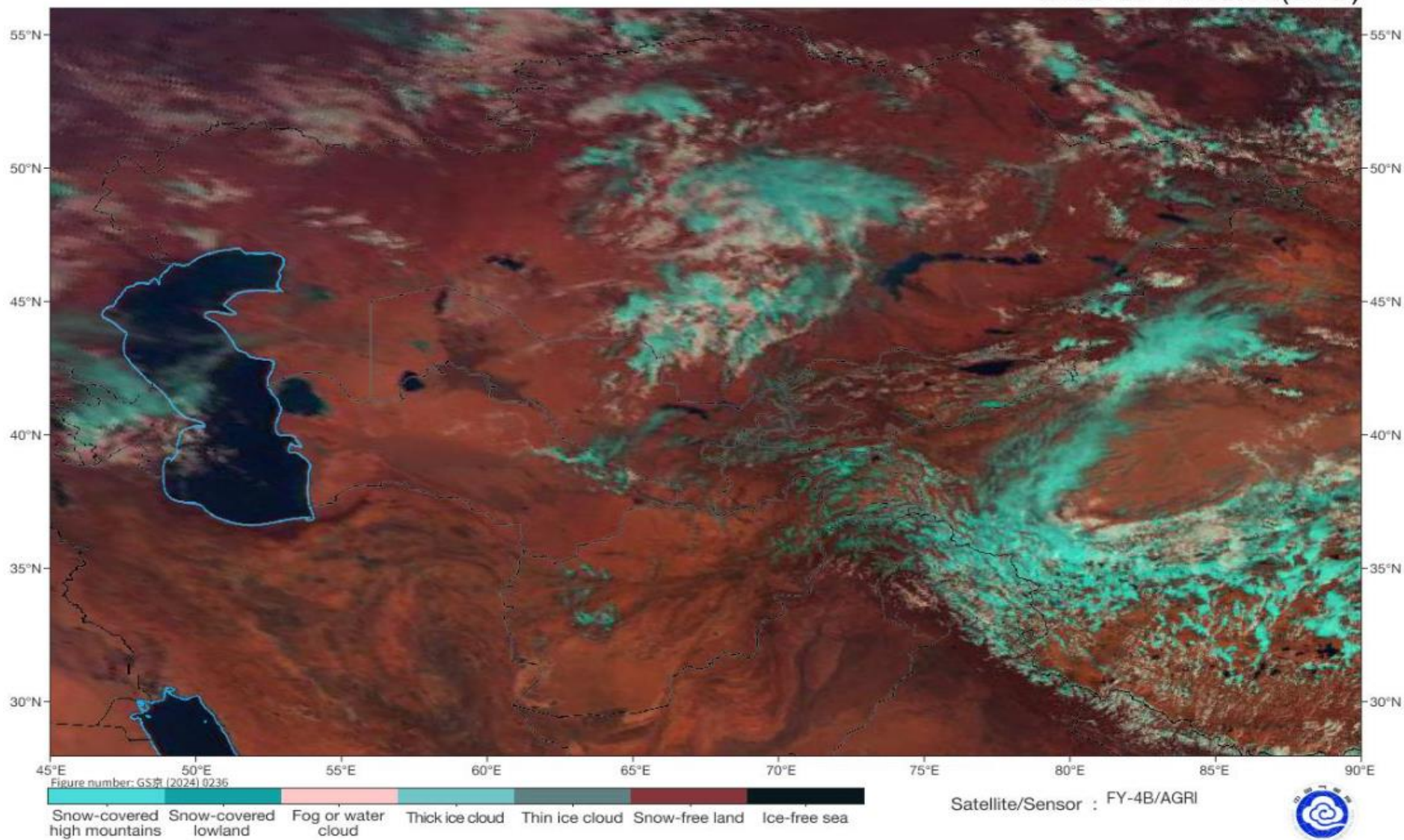
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

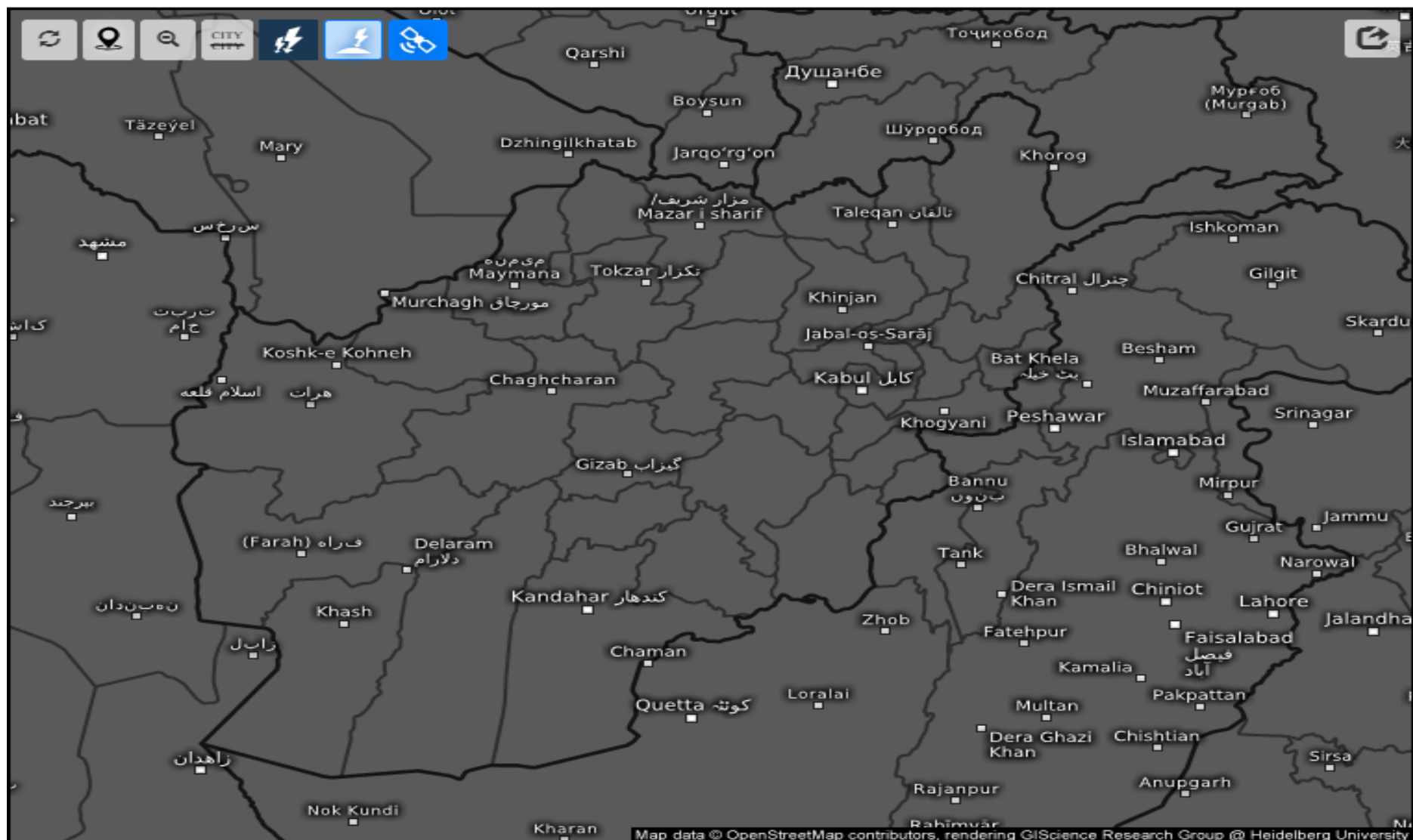
14-06-2026/(0415 to 0442) GMT
14-06-2026/(0945 to 1012) IST



Fog Identification

2026-06-14 05:30(UTC)





Age of lightning (minutes) ⓘ

Sun 06/14/2026, 10:15am GMT+0430

