



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



Daily reports of Satellite imagery analysis. Date & Time: 22-06-2026, 09:00 UTC

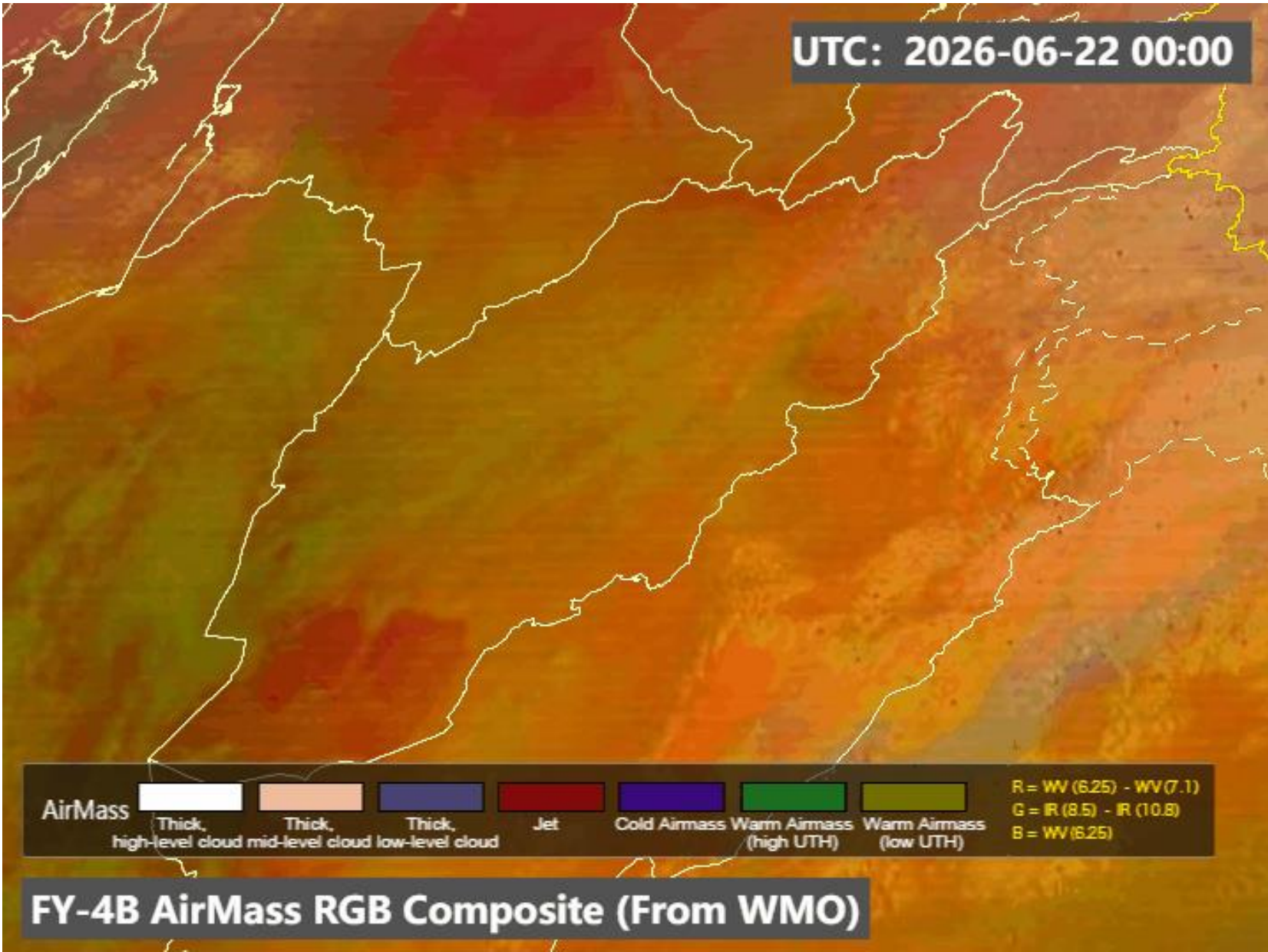
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	✓	X	✓ Dry/warm	X	✓	
2	South	X	X	X	X	X	✓ Dry/warm	X	✓	
3	West	✓	light	X	X	X	✓ Dry/warm	X	X	
4	East	✓	X	✓	✓	X	✓ Dry/warm	X	X	
5	central	✓	X	X	✓	X	✓ Dry/warm	X	X	
6	Northeast	✓	X	✓	✓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

Details: According to satellite imagery analysis, the western, eastern, central, northeastern, southeastern and northwestern regions have a warm air mass with (High UTH). The western, northwestern and southwestern regions have dust. The eastern, northeastern and southeastern regions have lightning. The northern, eastern, central, northeastern and southeastern regions have cloudy skies. The all-regions have dry/warm water vapor, with the exception of northeastern regions have weak water vapor. The northern, southern and southwestern regions have Jetstream.

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

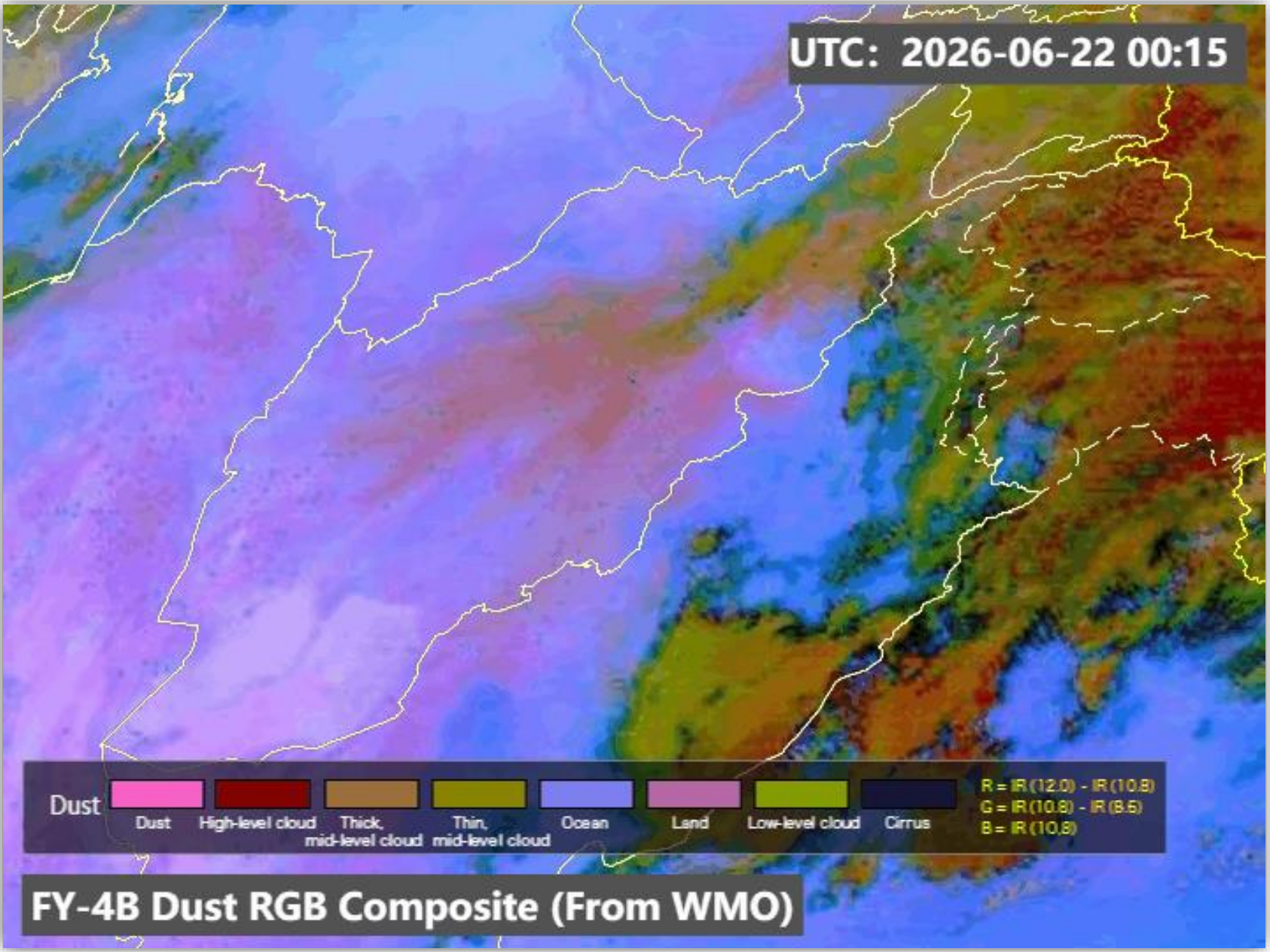
Reported by: Esmatullah Mohammadi






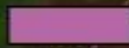
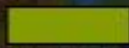

UTC: 2026-06-22 00:00



FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-06-22 00:15



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

2026-06-22 09:00(UTC)

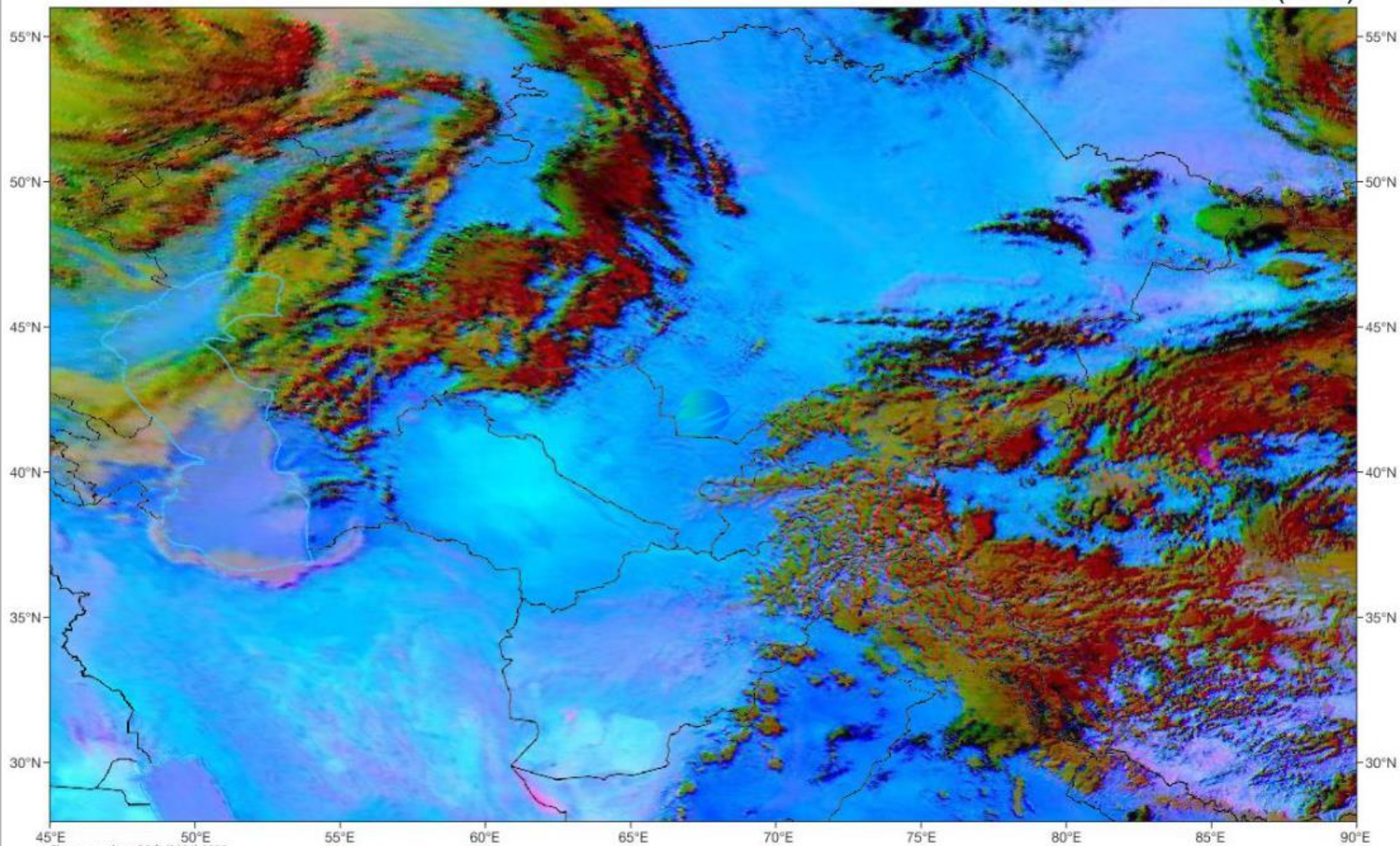


Figure number: GS京(2024)0236

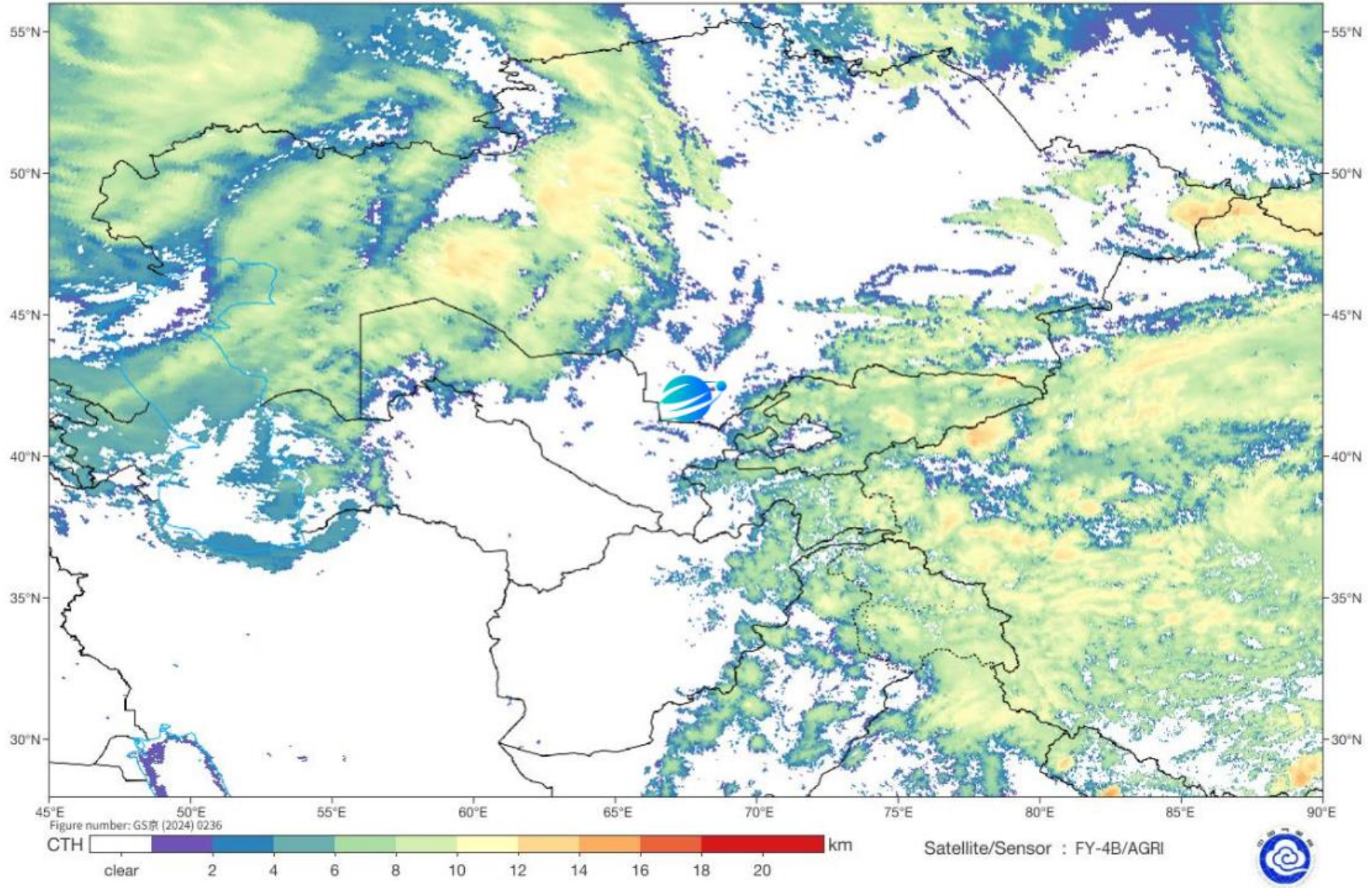
- dust
- cirrus cloud
- cold, thick altostratus
- thick mesospheric cloud
- cirrus clouds over the desert
- desert
- low altitude humid air (~700hpa)
- low altitude dry air

Satellite/Sensor : FY-4B/AGRI

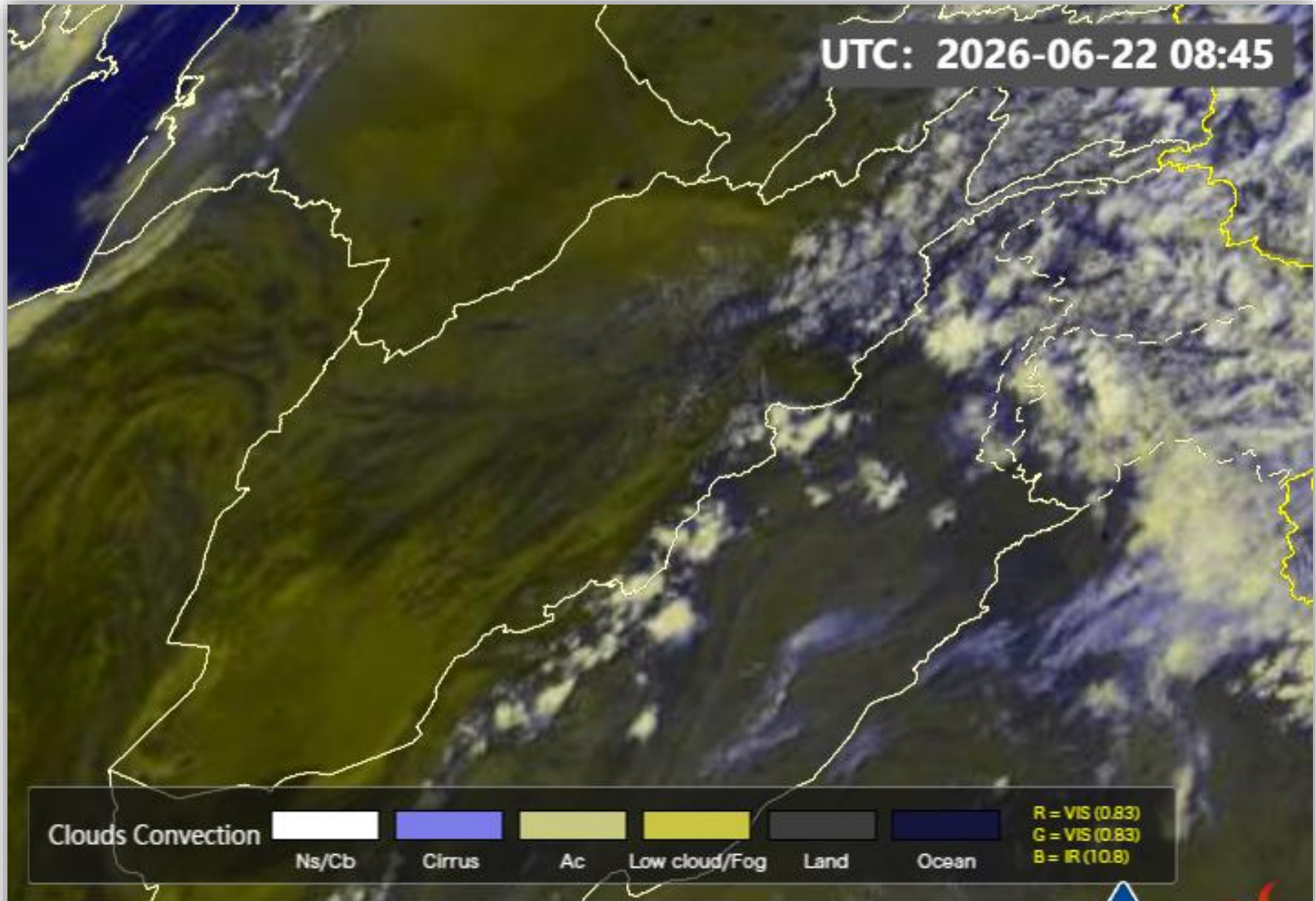


Cloud Top Height

2026-06-22 08:45(UTC)



UTC: 2026-06-22 08:45



Clouds Convection

					
Ns/Cb	Cirrus	Ac	Low cloud/Fog	Land	Ocean

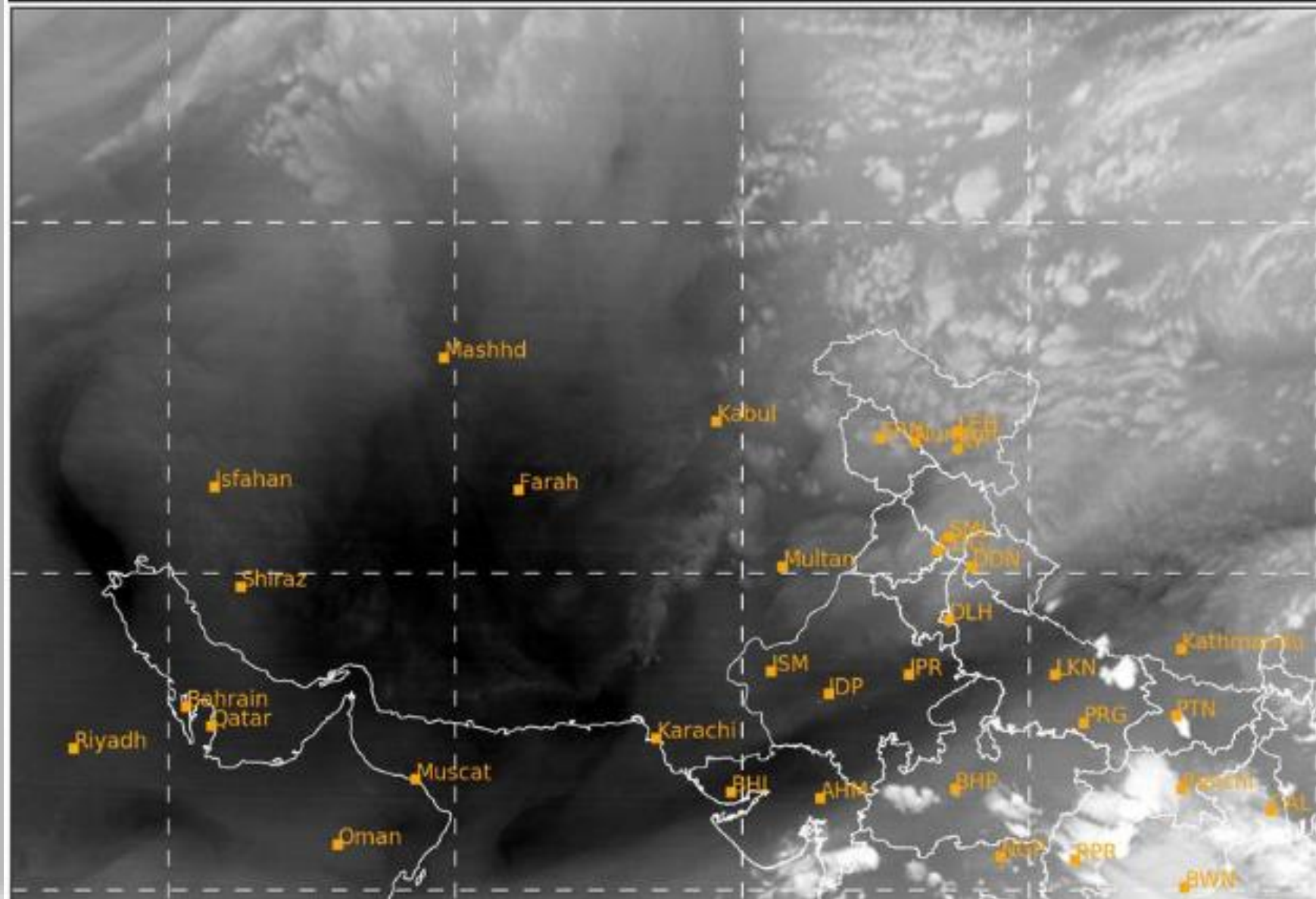
R = VIS (0.83)
G = VIS (0.83)
B = IR (10.8)

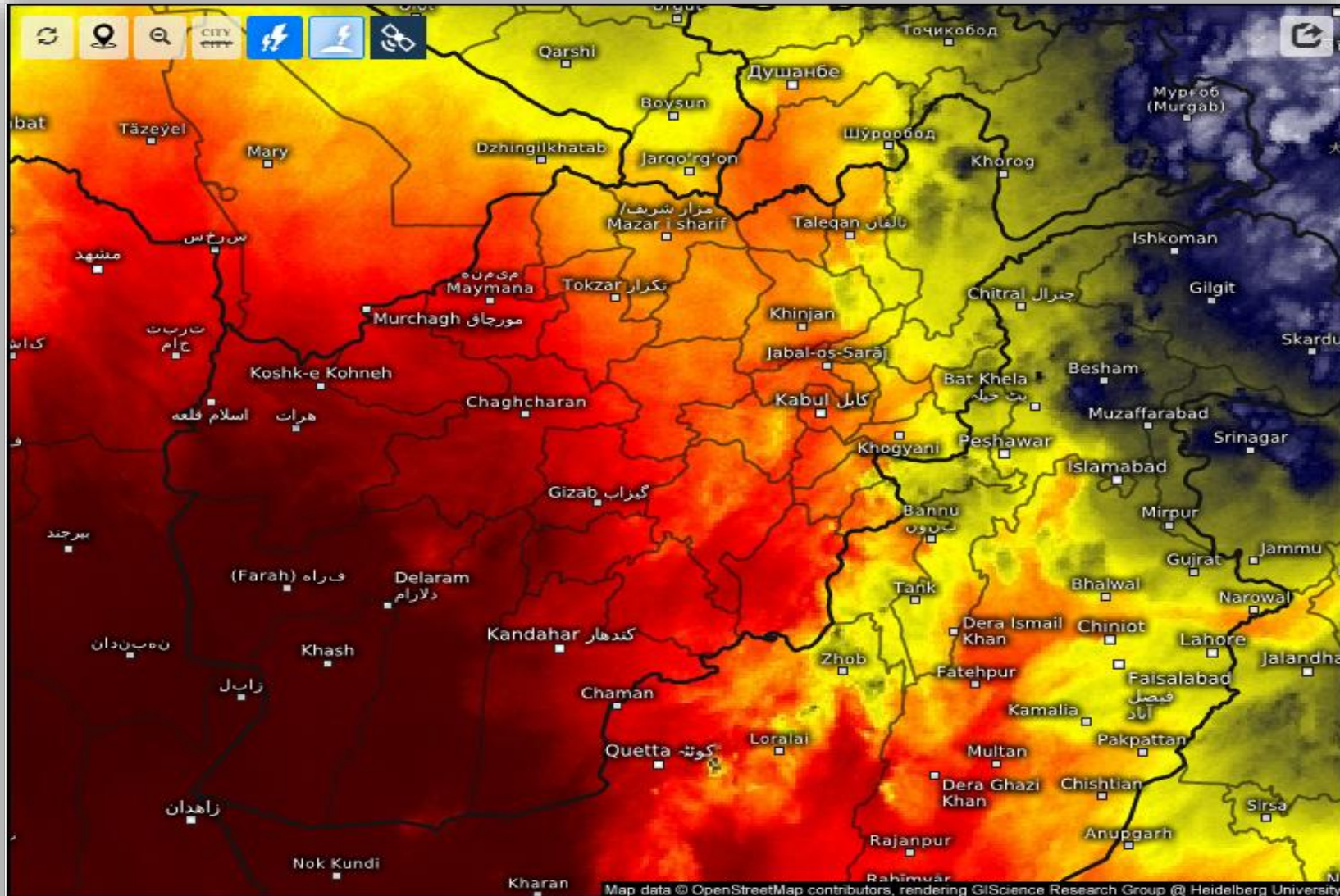
FY-4B CloudsConvection RGB Composite (From WMO)



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

22-06-2026/(0815 to 0842) GMT
22-06-2026/(1345 to 1412) IST





Satellite Water Vapor

Mon 06/22/2026, 01:30pm GMT+0430

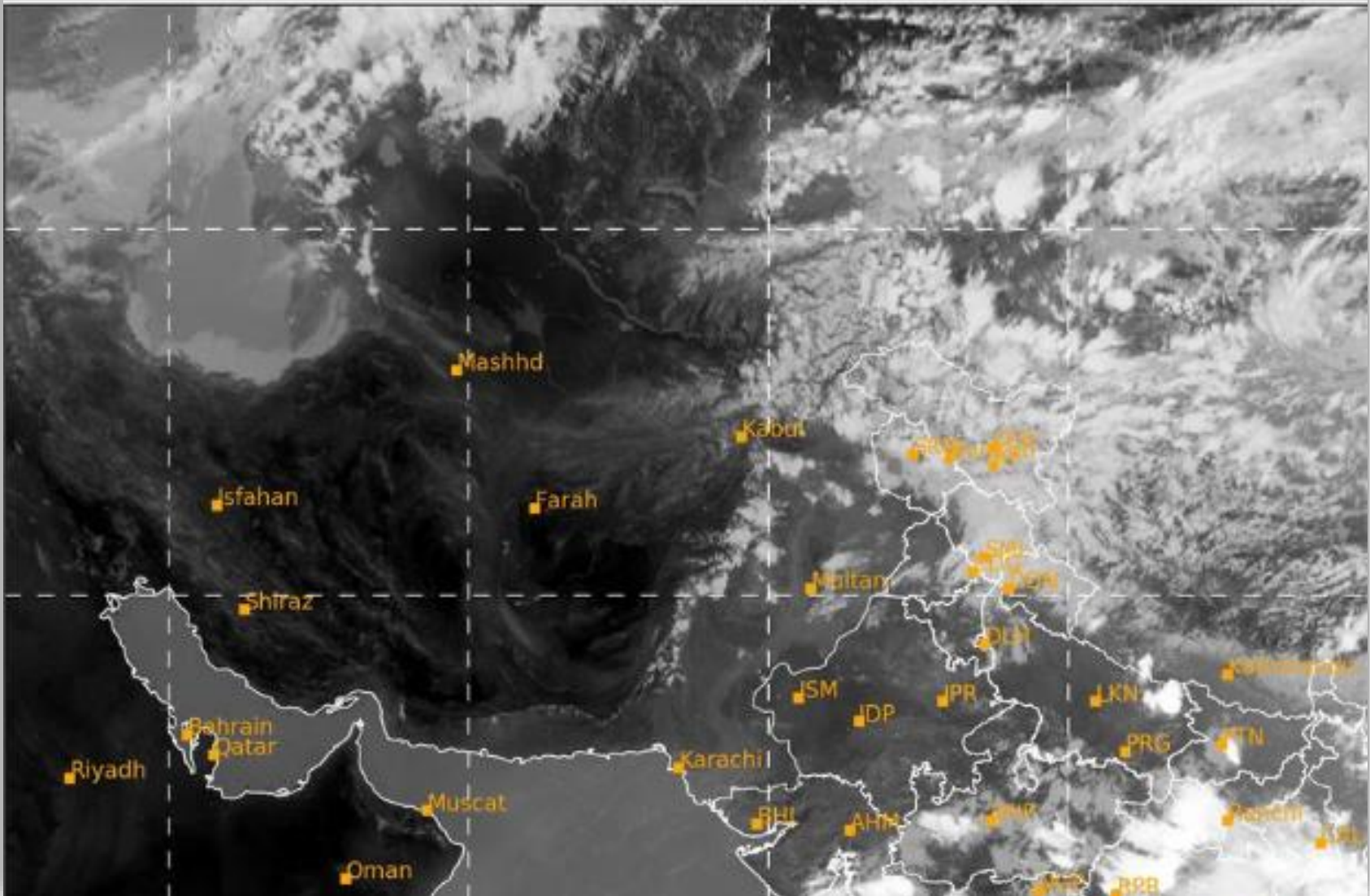


wet/cold

dry/warm

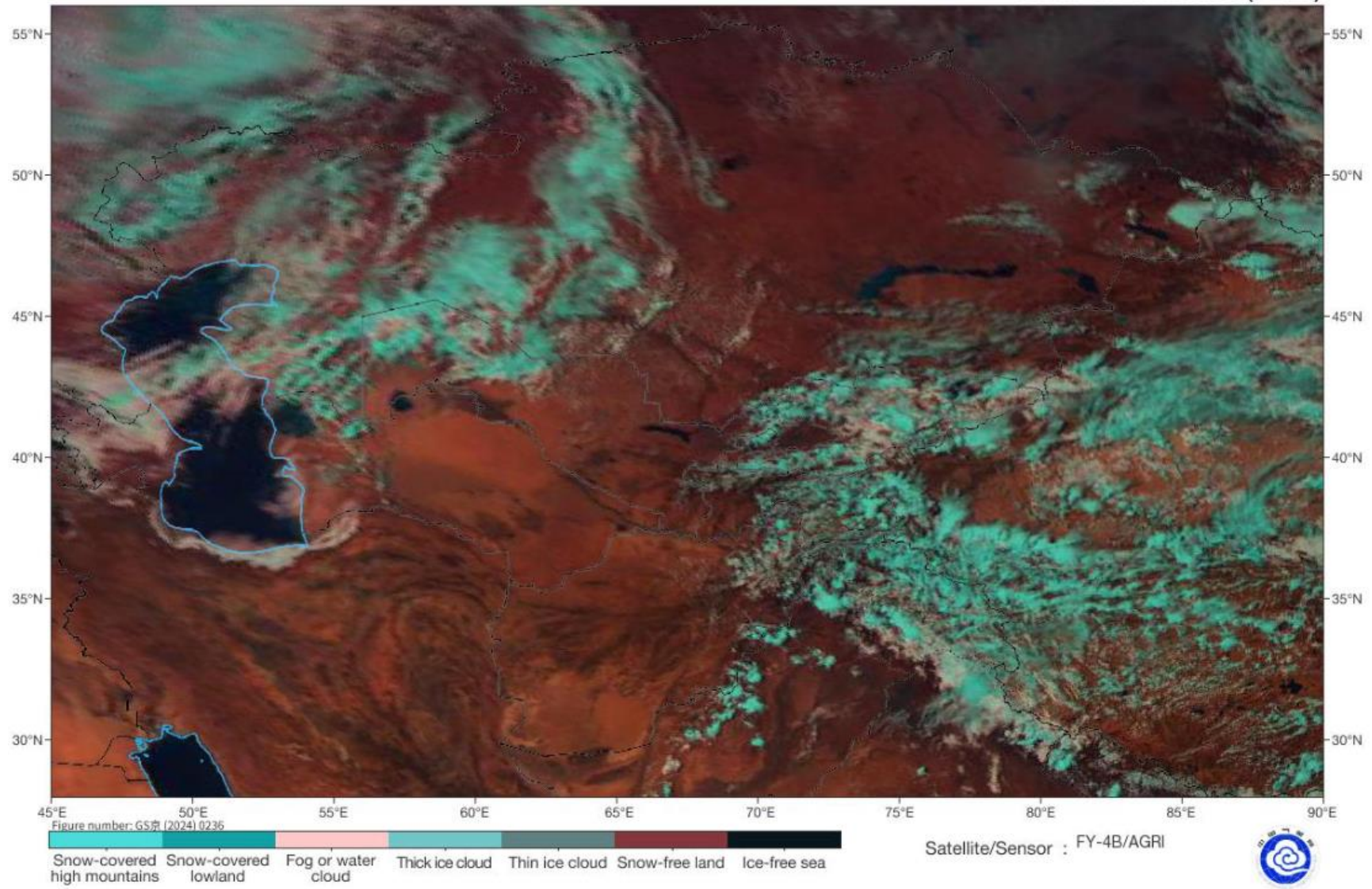
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

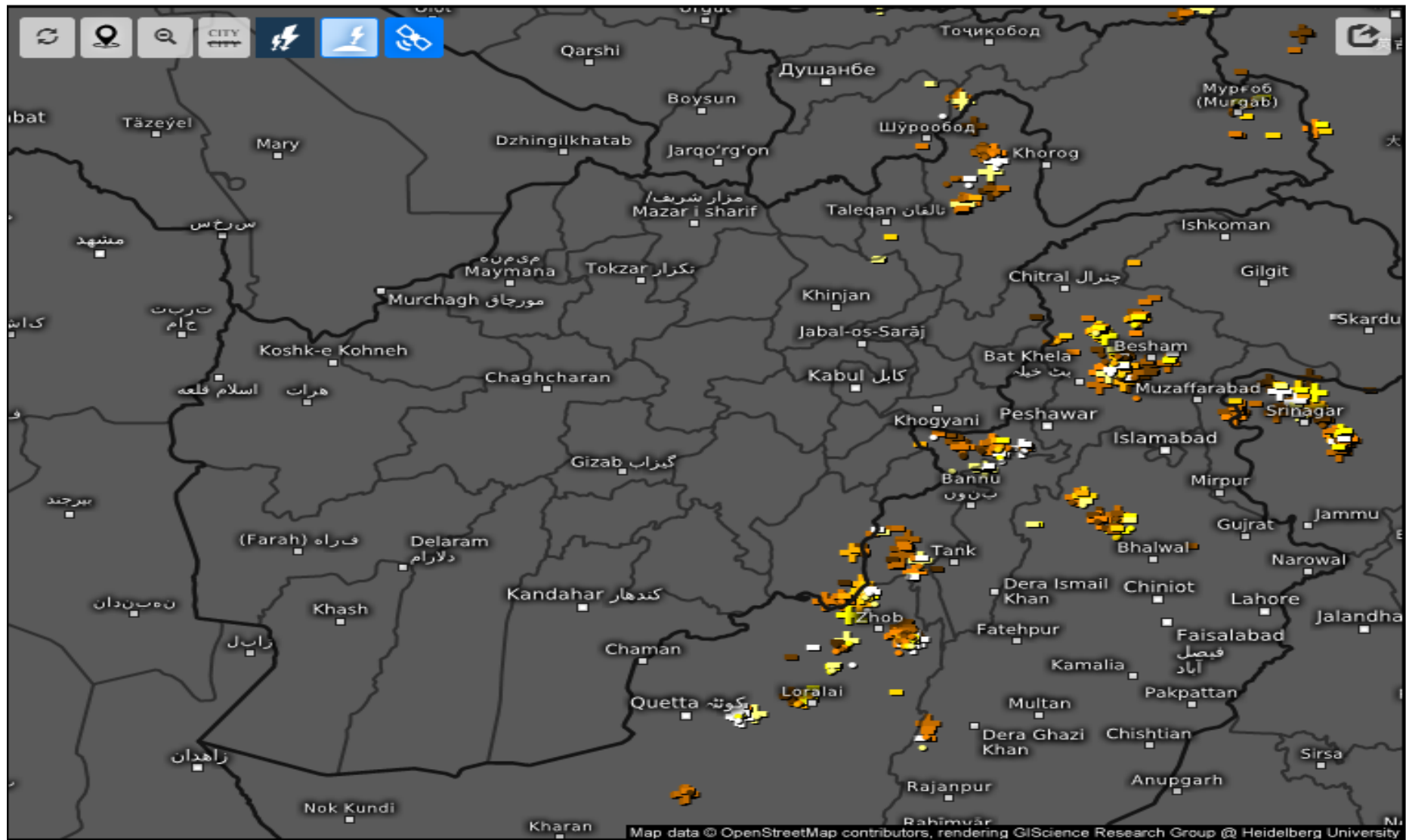
22-06-2026/(0815 to 0842) GMT
22-06-2026/(1345 to 1412) IST



Fog Identification

2026-06-22 09:00(UTC)





Age of lightning (minutes) i

Mon 06/22/2026, 01:30pm GMT+0430

