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

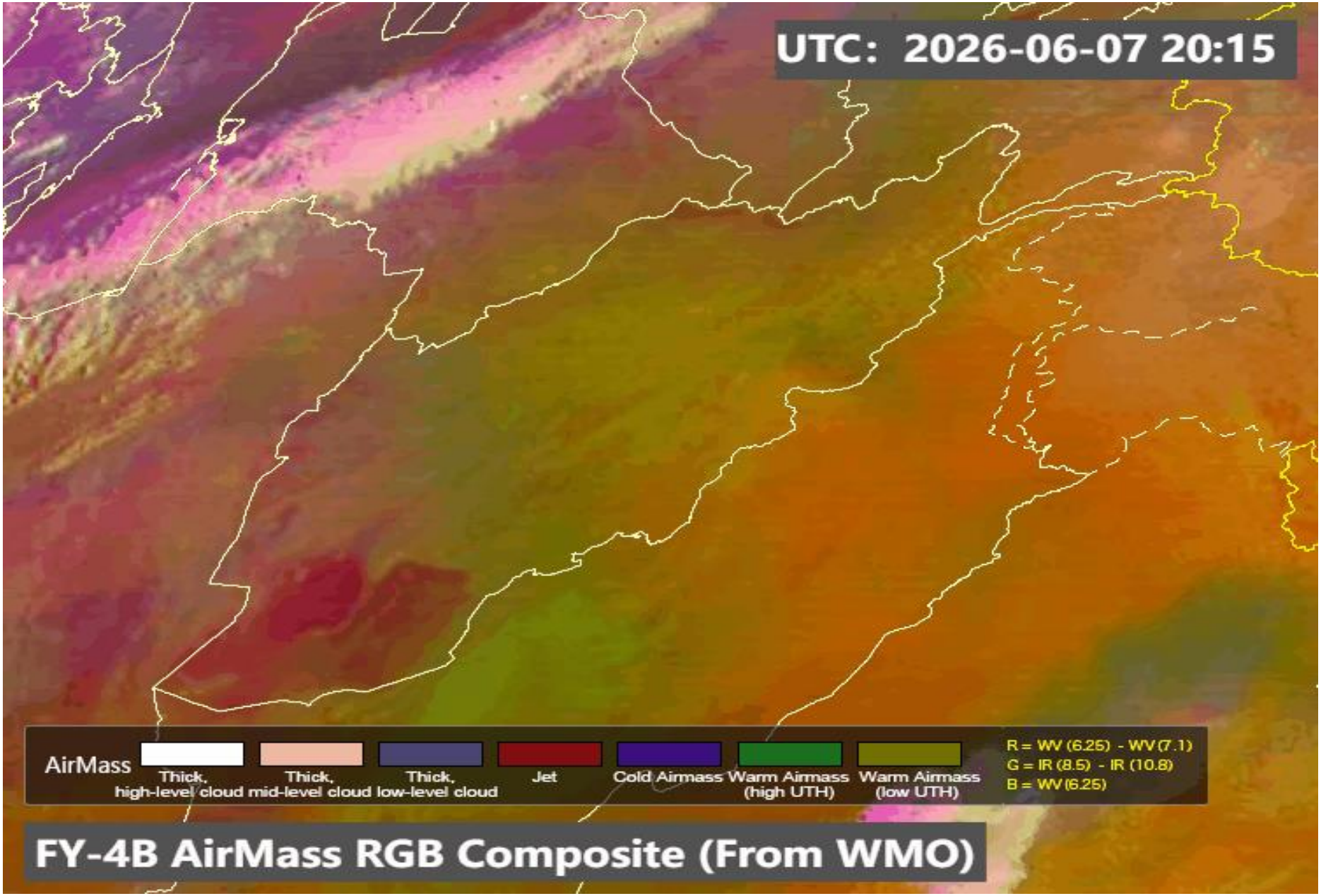
Daily reports of Satellite imagery analysis. Date & Time: 08-06-2026, 06:00 UTC

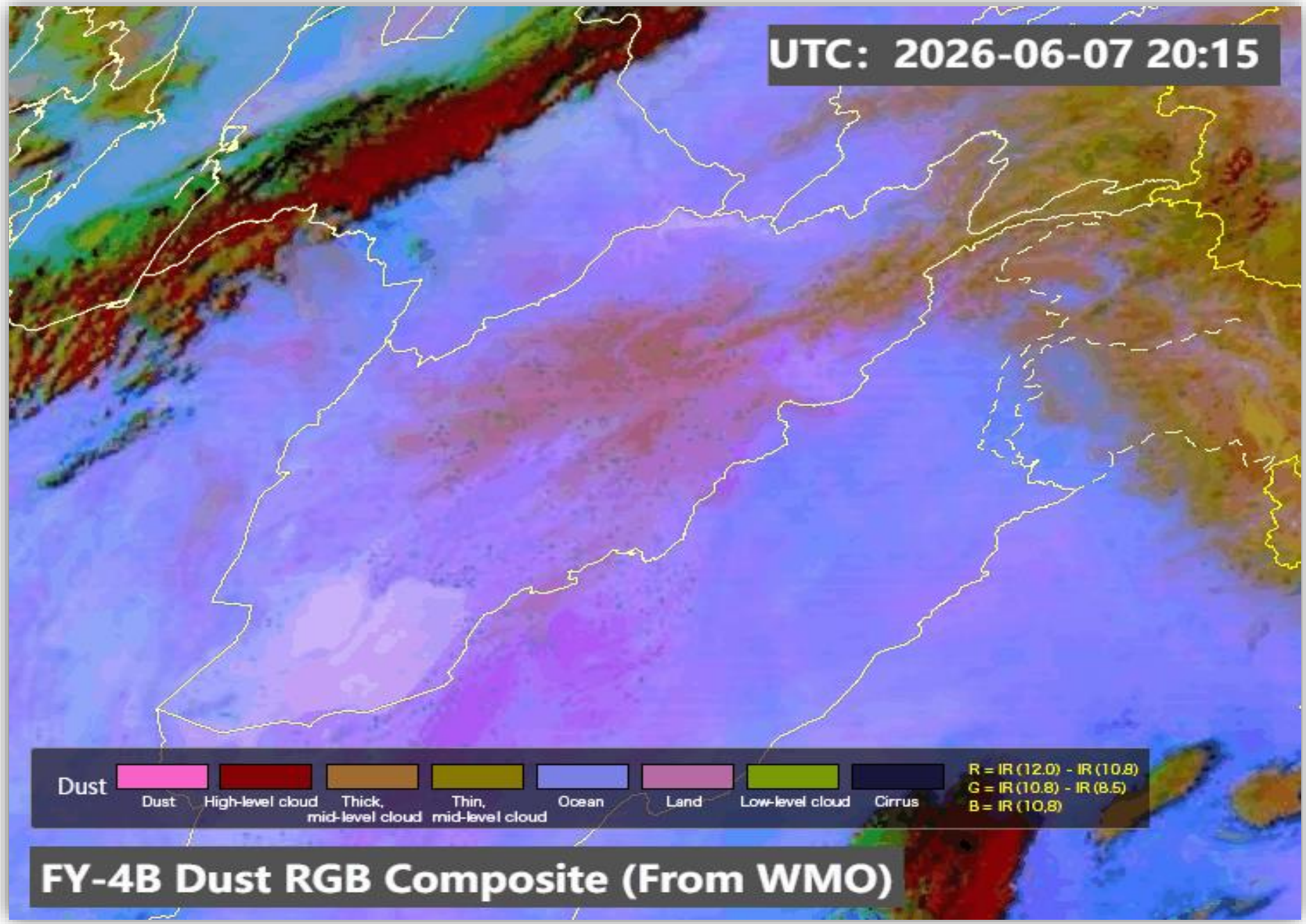
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓ moderate	X	✓	
2	South	X	X	X	X	X	✓ weak	X	✓	
3	West	X	light	X	X	X	✓ moderate	X	X	
4	East	✓	light	X	✓	X	✓ Dry/warm	X	X	
5	central	✓	moderate	X	X	X	✓ weak	X	X	
6	Northeast	✓	X	X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

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

Not: X (Not existing phenomena) √ (existing phenomena)

Reported by: Esmatullah Mohammadi


UTC: 2026-06-07 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: 2026-06-07 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

2026-06-08 05:30(UTC)

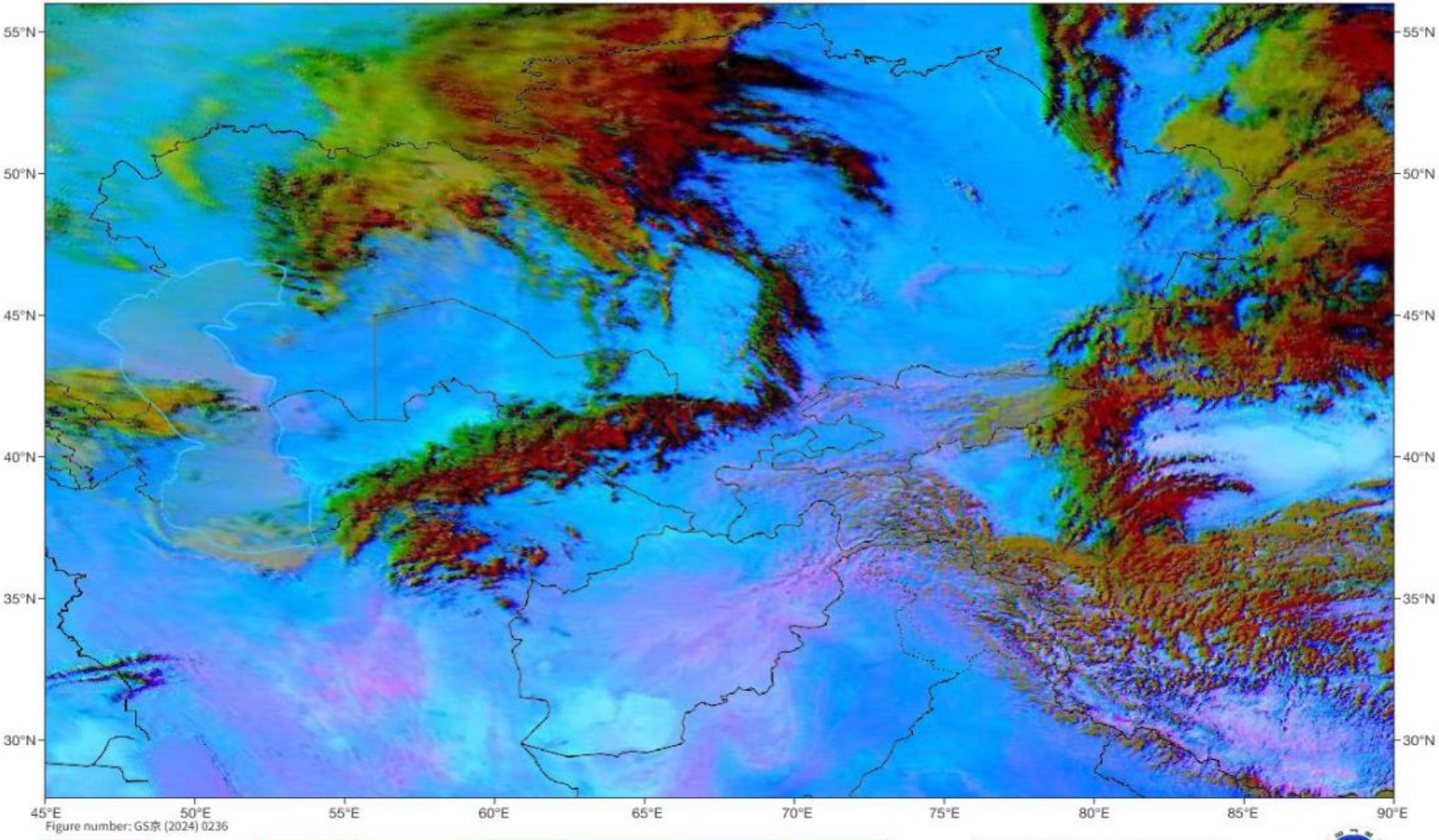


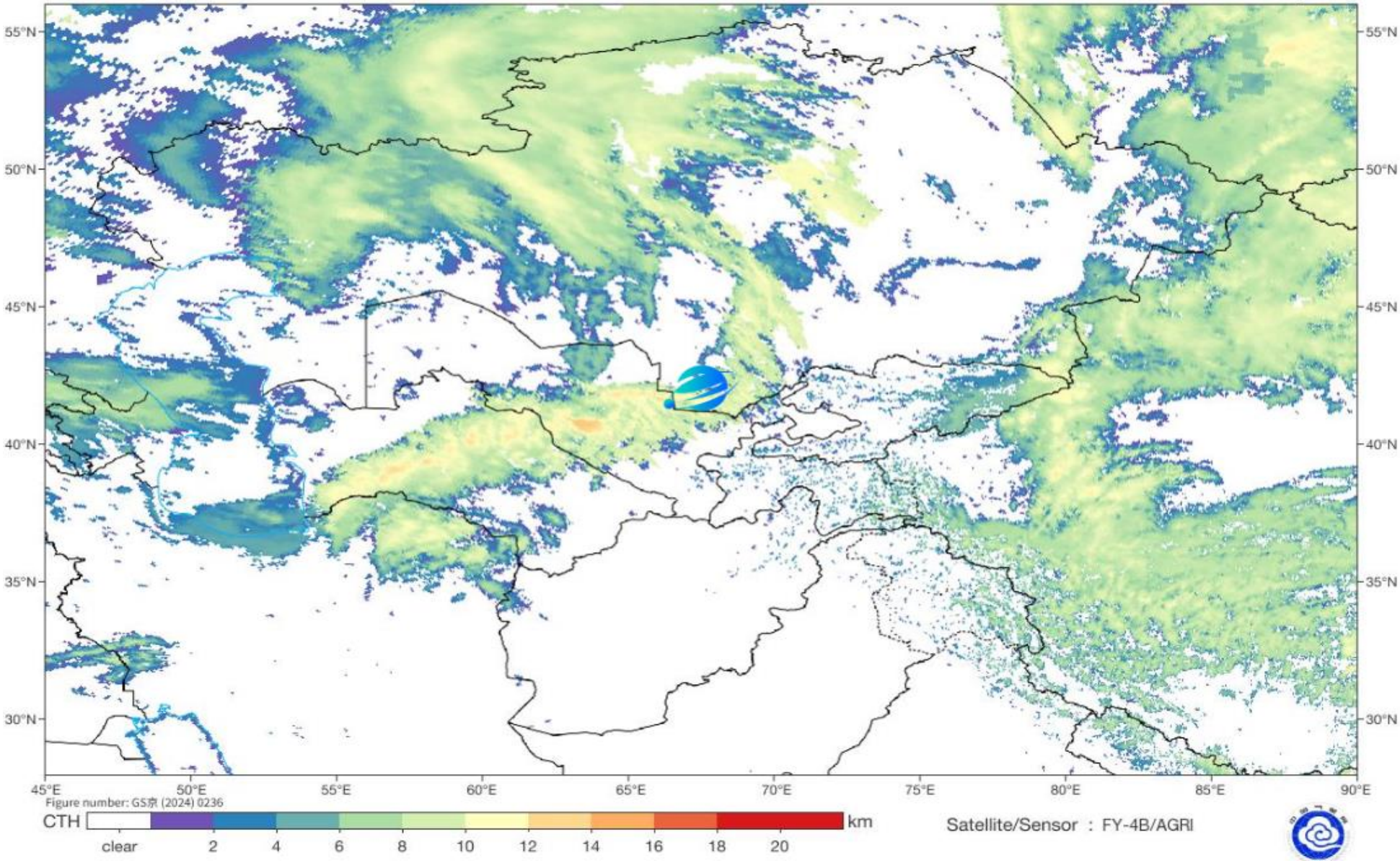
Figure number: GS京 (2024) 0236

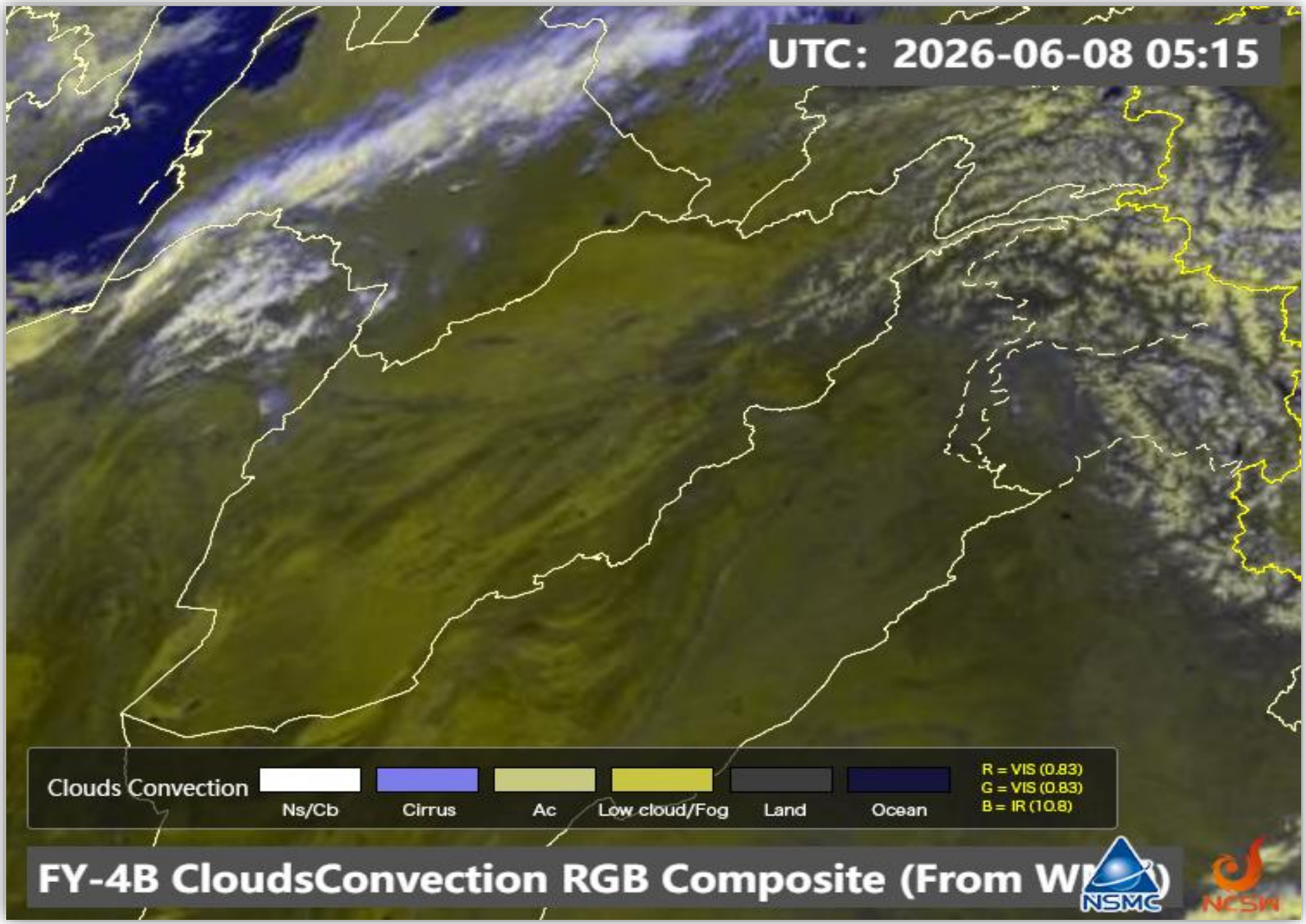
dust	cirrus cloud	cold,thick altostratus	thick mesos-pheric cloud	cirrus clouds over the desert	desert	low altitude humid air (~700hpa)	low altitude dry air

Satellite/Sensor : FY-4B/AGRI

Cloud Top Height

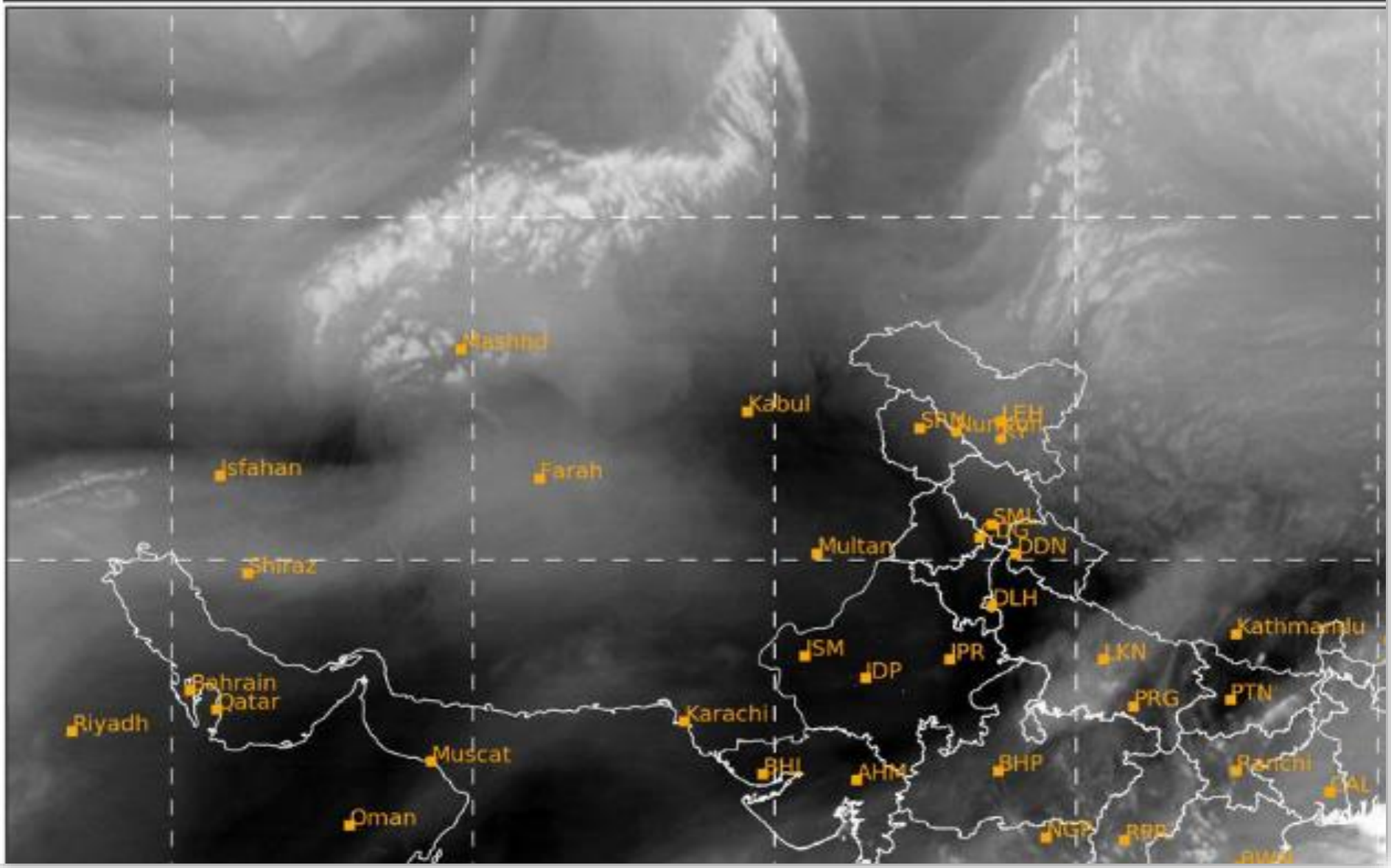
2026-06-08 05:15(UTC)

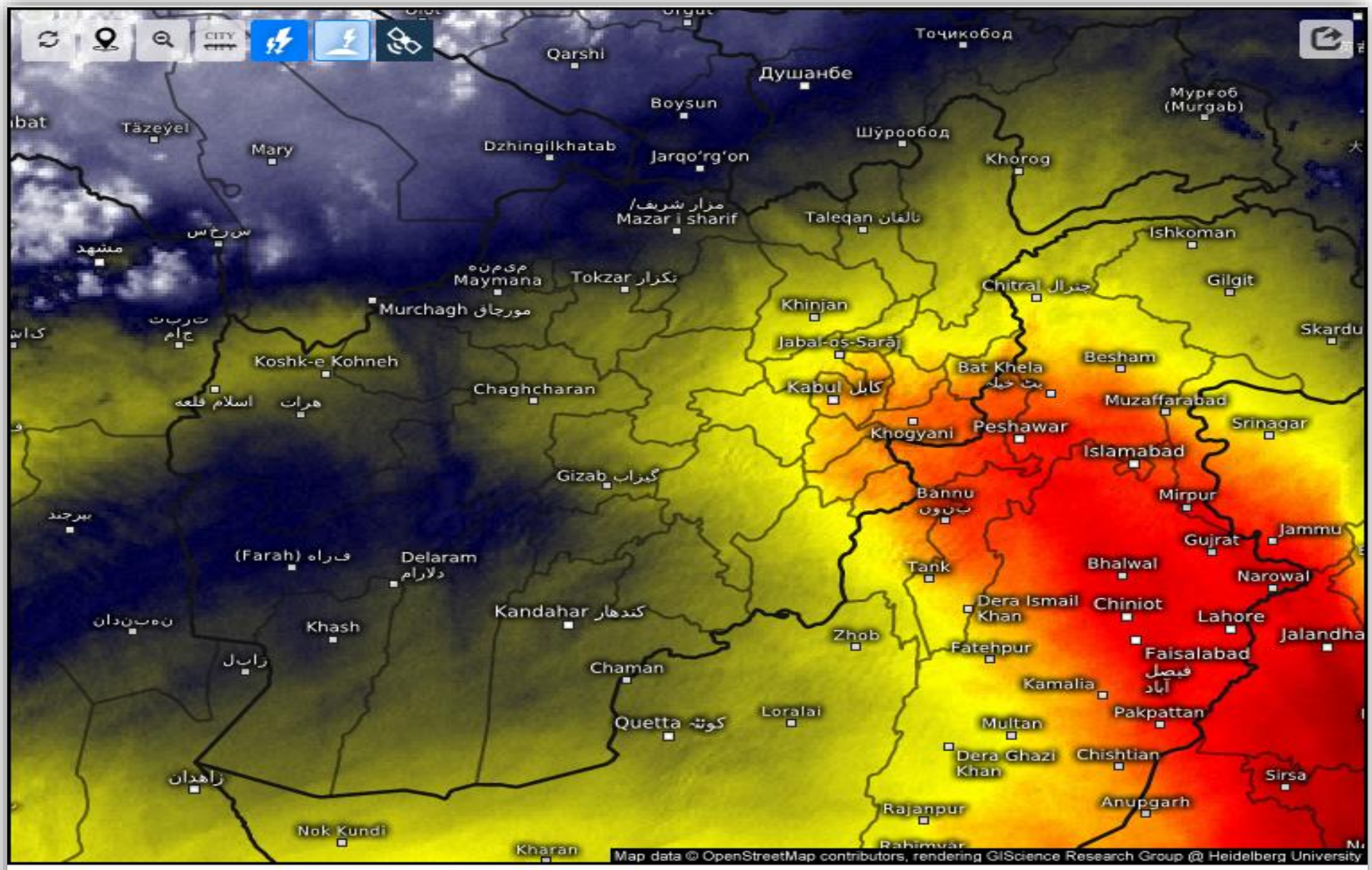



UTC: 2026-06-08 05:15
Clouds Convection
Ns/Cb
Cirrus
Ac
Low cloud/Fog
Land
Ocean
R = VIS (0.83)
G = VIS (0.83)
B = IR (10.8)
FY-4B CloudsConvection RGB Composite (From WMO)
NSMC
NCSW

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

08-06-2026/(0414 to 0441) GMT
08-06-2026/(0944 to 1011) IST





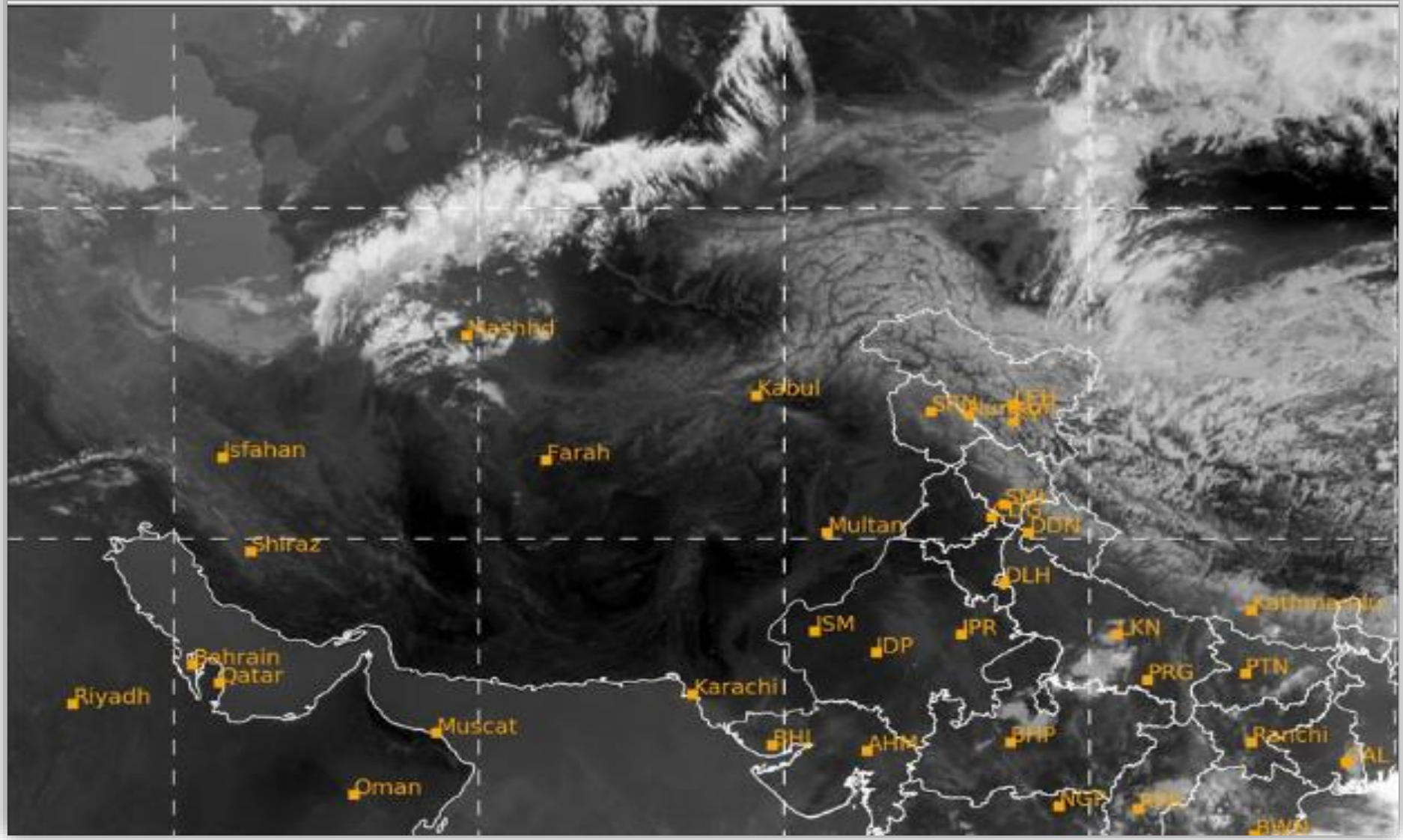
Satellite Water Vapor

Mon 06/08/2026, 10:00am GMT+0430

wet/cold — dry/warm

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

08-06-2026/(0414 to 0441) GMT
08-06-2026/(0944 to 1011) IST



Fog Identification

2026-06-08 05:30(UTC)

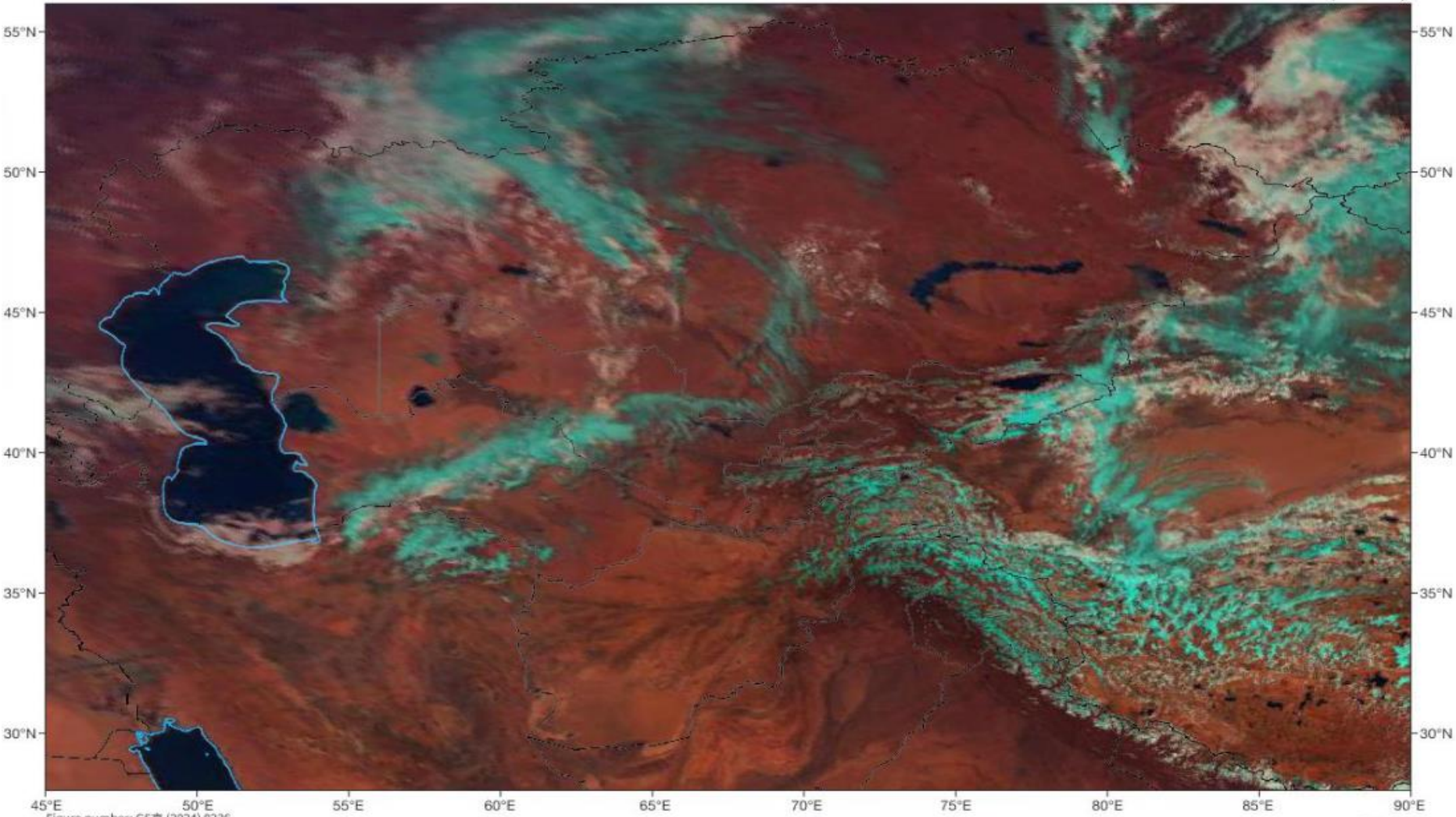
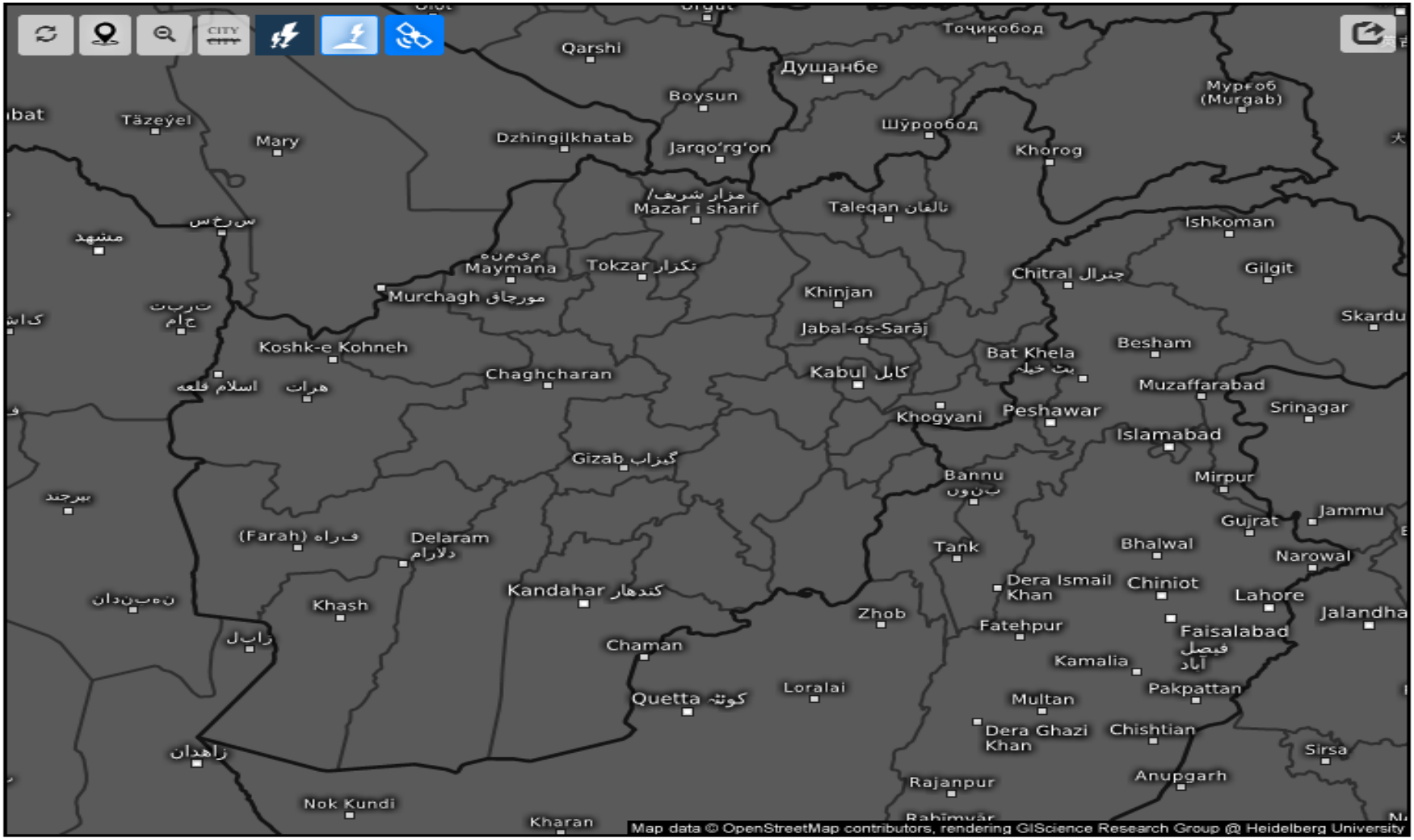


Figure number: GS京 (2024) 0236

Snow-covered high mountains	Snow-covered lowland	Fog or water cloud	Thick ice cloud	Thin ice cloud	Snow-free land	Ice-free sea

Satellite/Sensor : FY-4B/AGRI



Age of lightning (minutes)

Mon 06/08/2026, 10:05am GMT+0430

0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60