



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



Daily reports of Satellite imagery analysis. Date & Time: 31-05-2026, 06:00 UTC

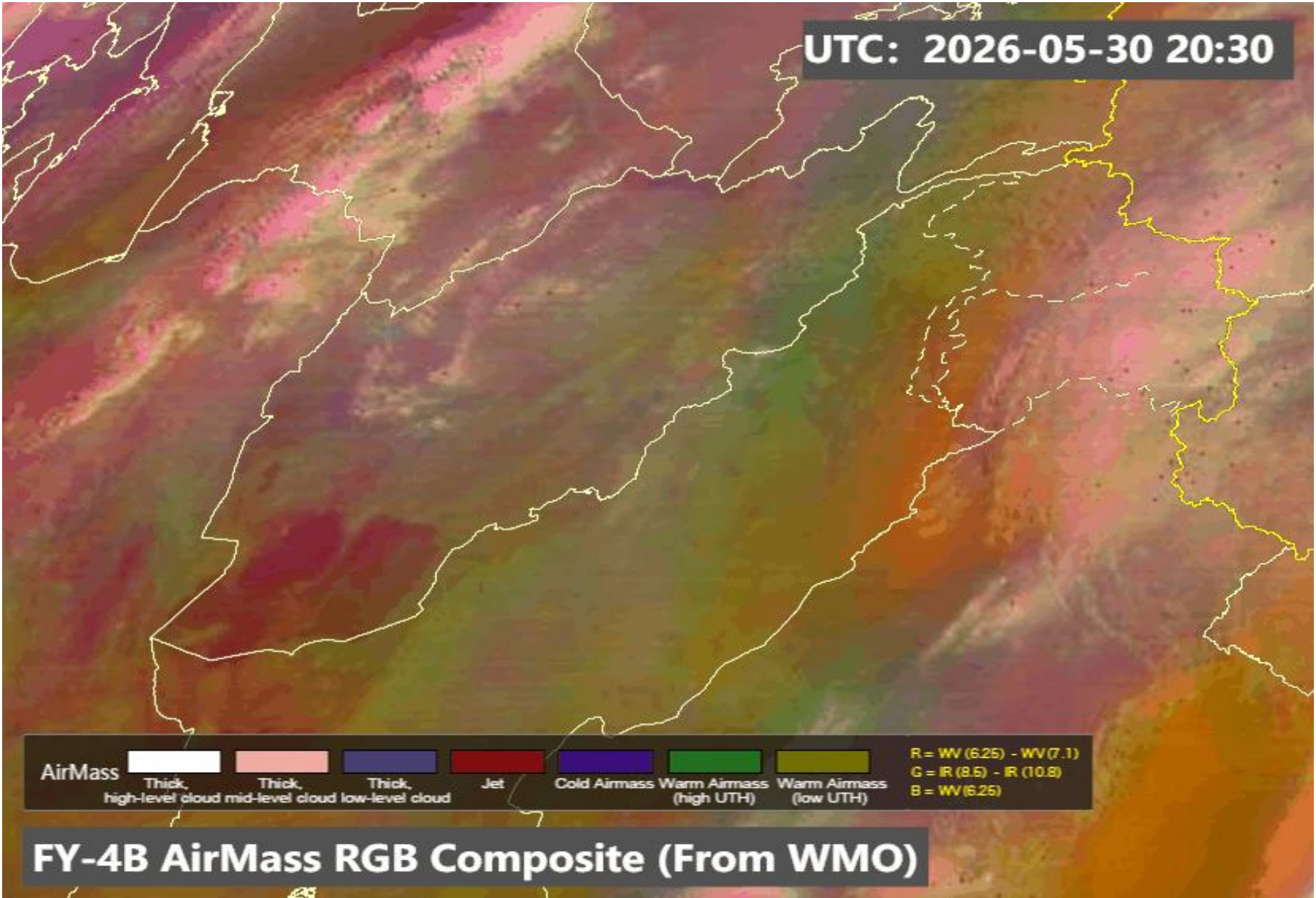
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ moderate	X	X	
2	South	✓	X	X	X	X	✓ weak	X	✓	
3	West	✓	X	X	X	X	✓ moderate	X	X	
4	East	✓	✓	X	✓	X	✓ moderate	X	X	
5	central	✓	✓	X	✓	X	✓ moderate	X	X	
6	Northeast	✓	X	X	✓	X	✓ moderate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

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

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

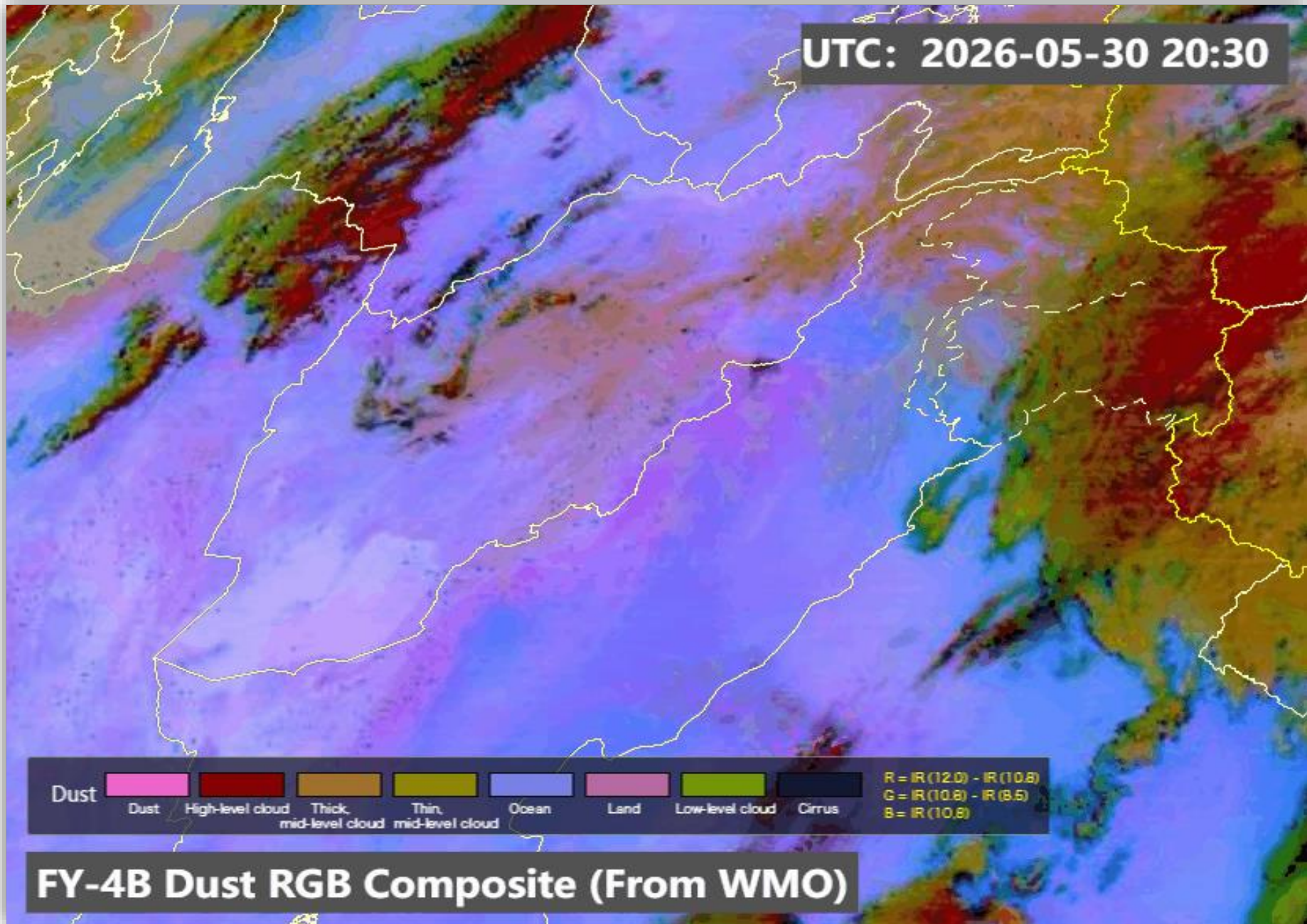
Reported by: Esmatullah Mohammadi

UTC: 2026-05-30 20:30




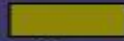






FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-05-30 20:30



Dust

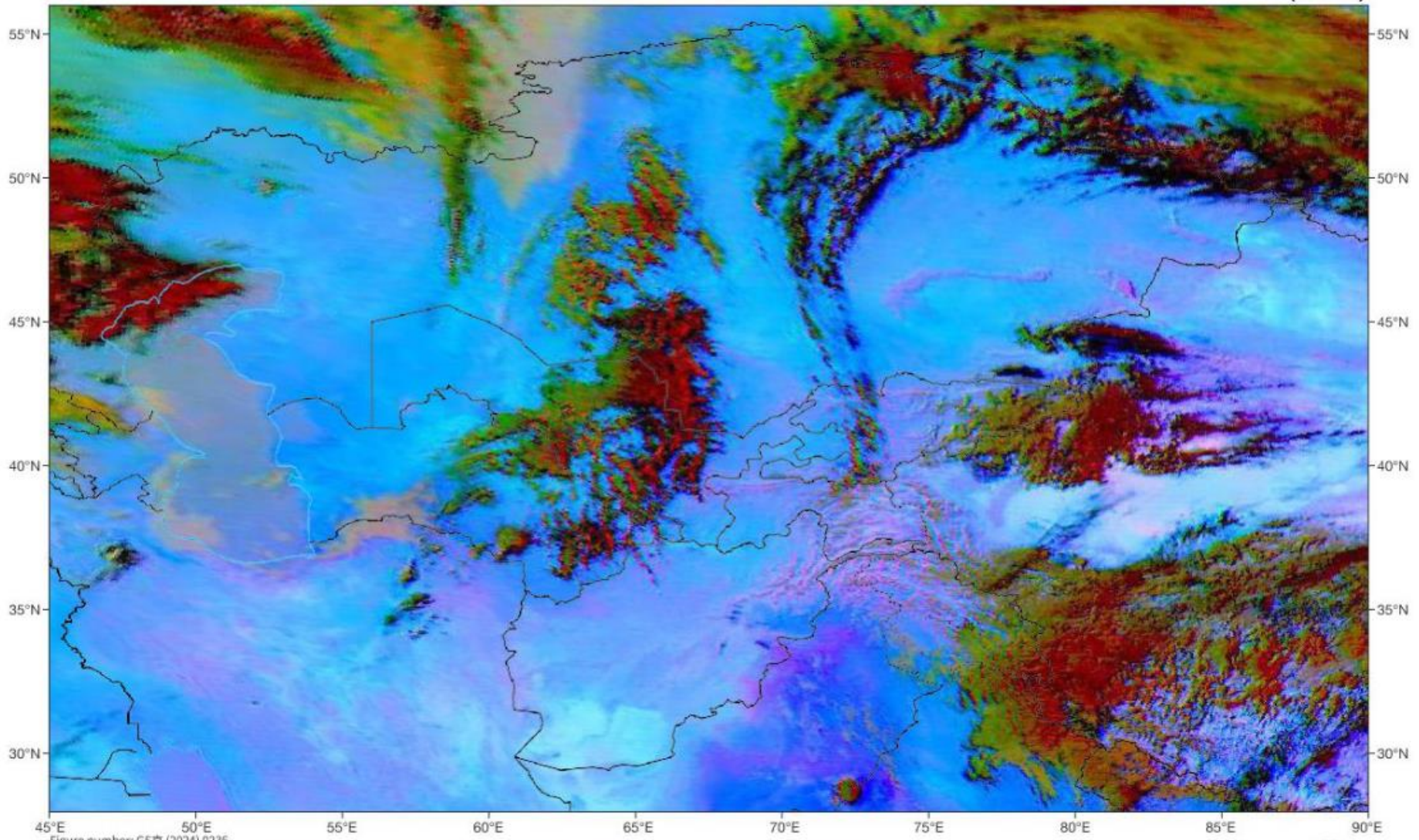
							
Dust	High-level cloud	Thick, mid-level cloud	Thin, mid-level cloud	Ocean	Land	Low-level cloud	Cirrus

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

FY-4B Dust RGB Composite (From WMO)

Sand And Dust Identification

2026-05-31 05:30(UTC)



Satellite/Sensor : FY-4B/AGRI



Cloud Top Height

2026-05-31 05:30(UTC)

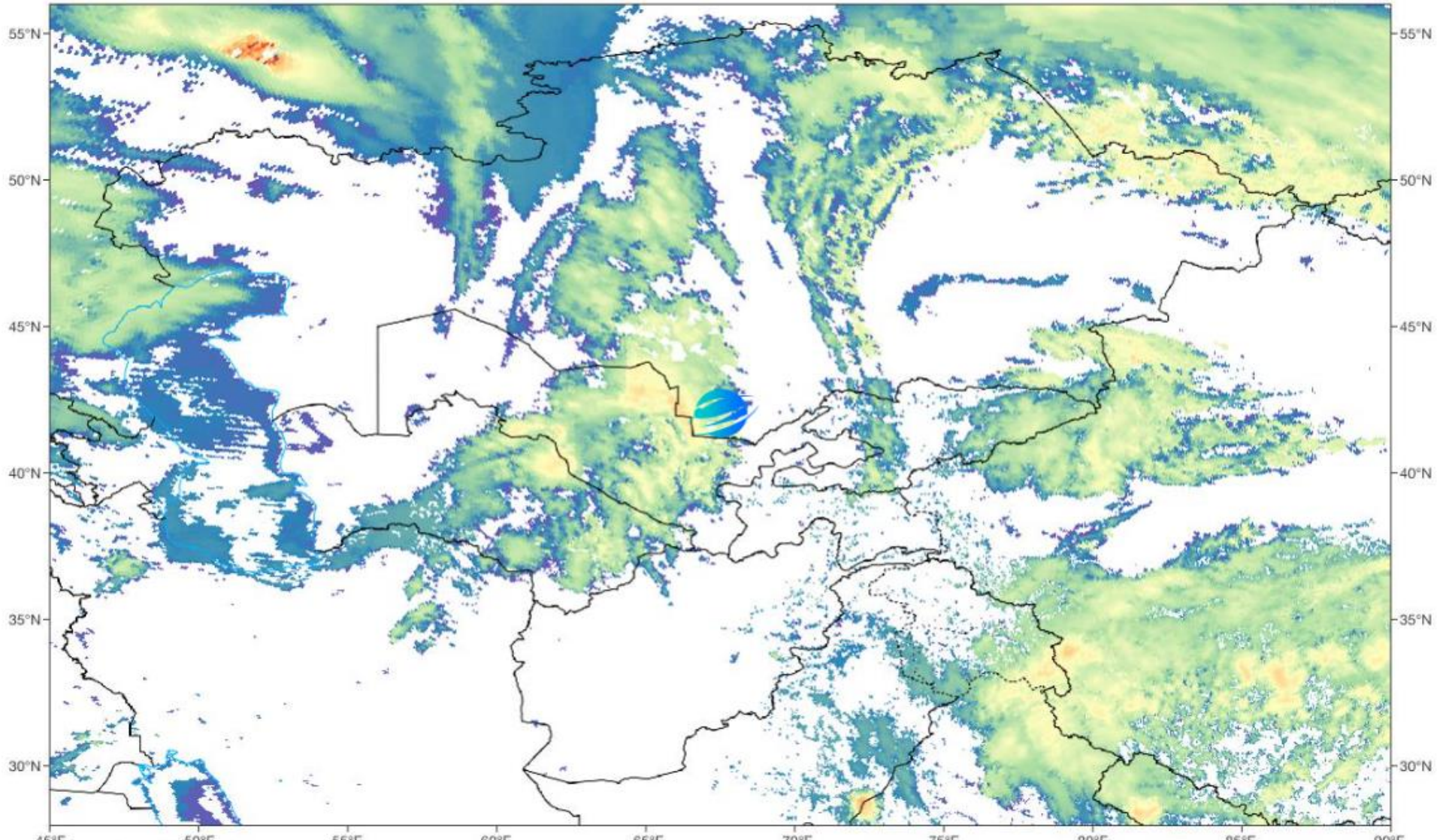
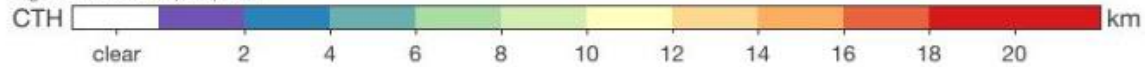


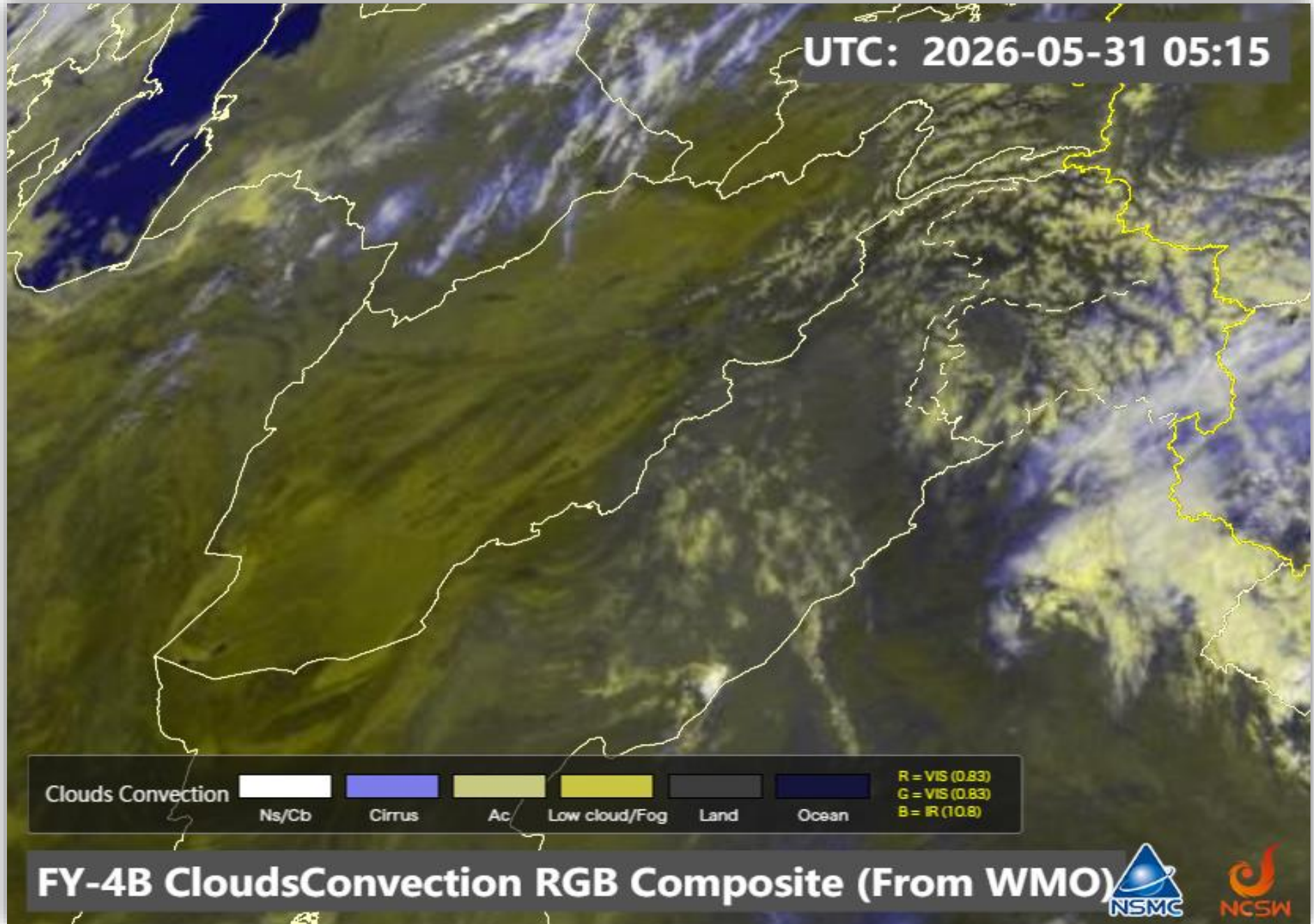
Figure number: GS京 (2024) 0236



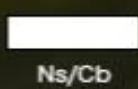
Satellite/Sensor : FY-4B/AGRI



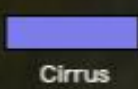
UTC: 2026-05-31 05:15



Clouds Convection



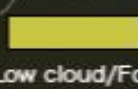
Ns/Cb



Cirrus



Ac



Low cloud/Fog



Land



Ocean

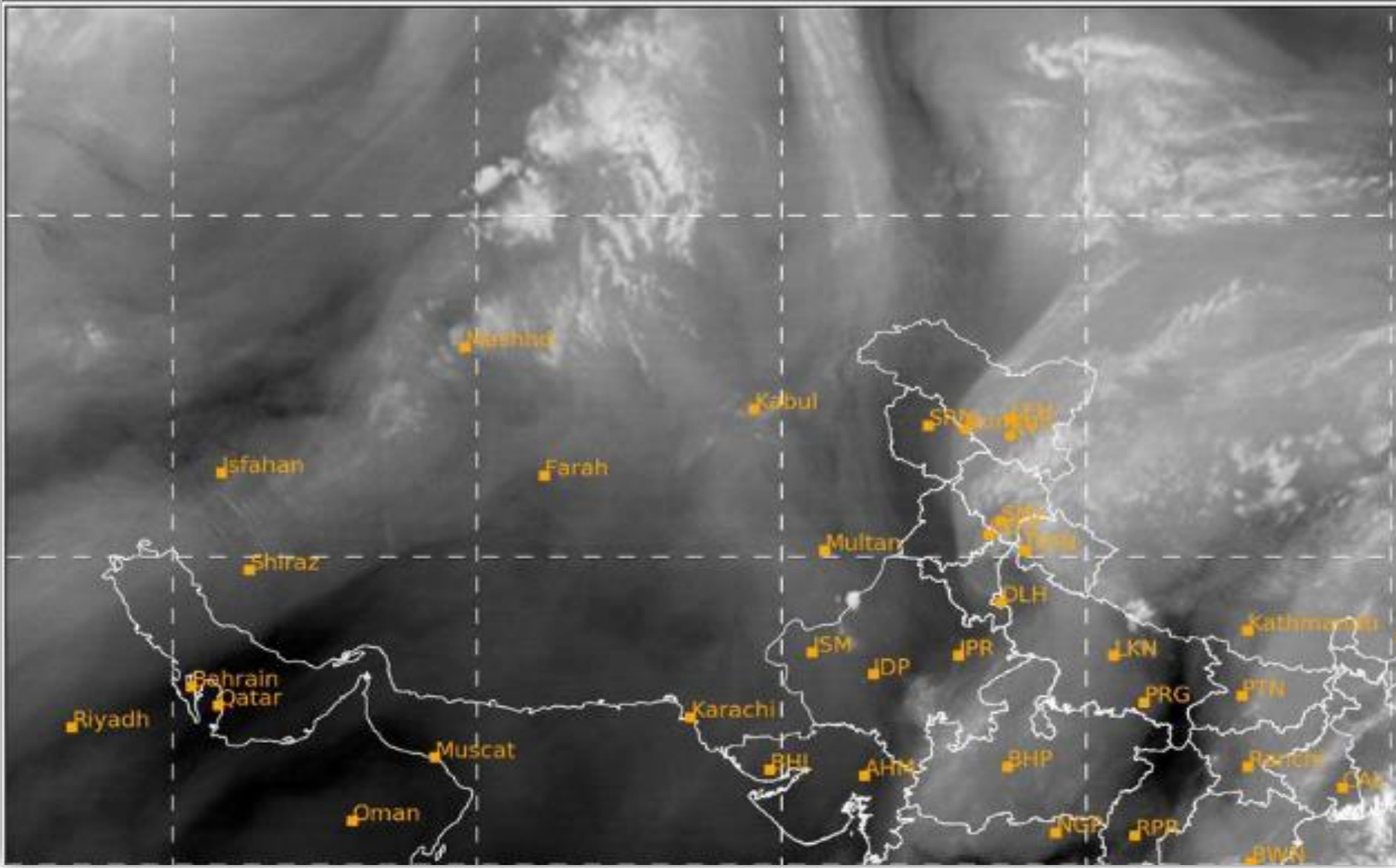
R = VIS (0.83)
G = VIS (0.83)
B = IR (10.8)

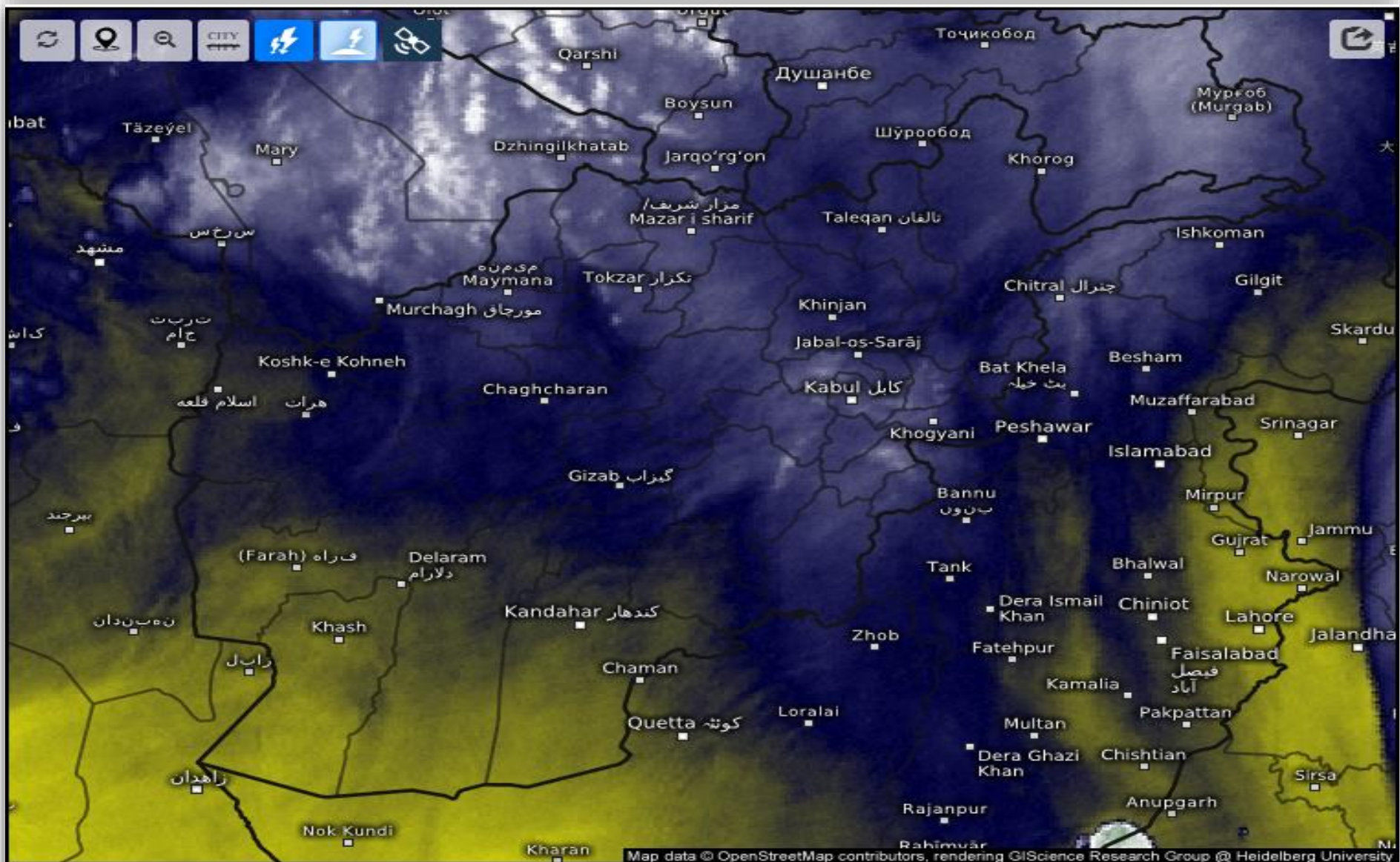
FY-4B CloudsConvection RGB Composite (From WMO)



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

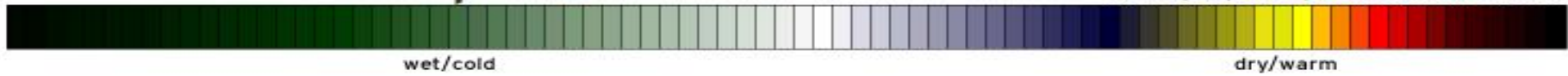
31-05-2026/(0445 to 0512) GMT
31-05-2026/(1015 to 1042) IST





Satellite Water Vapor

Sun 05/31/2026, 10:00am GMT+0430

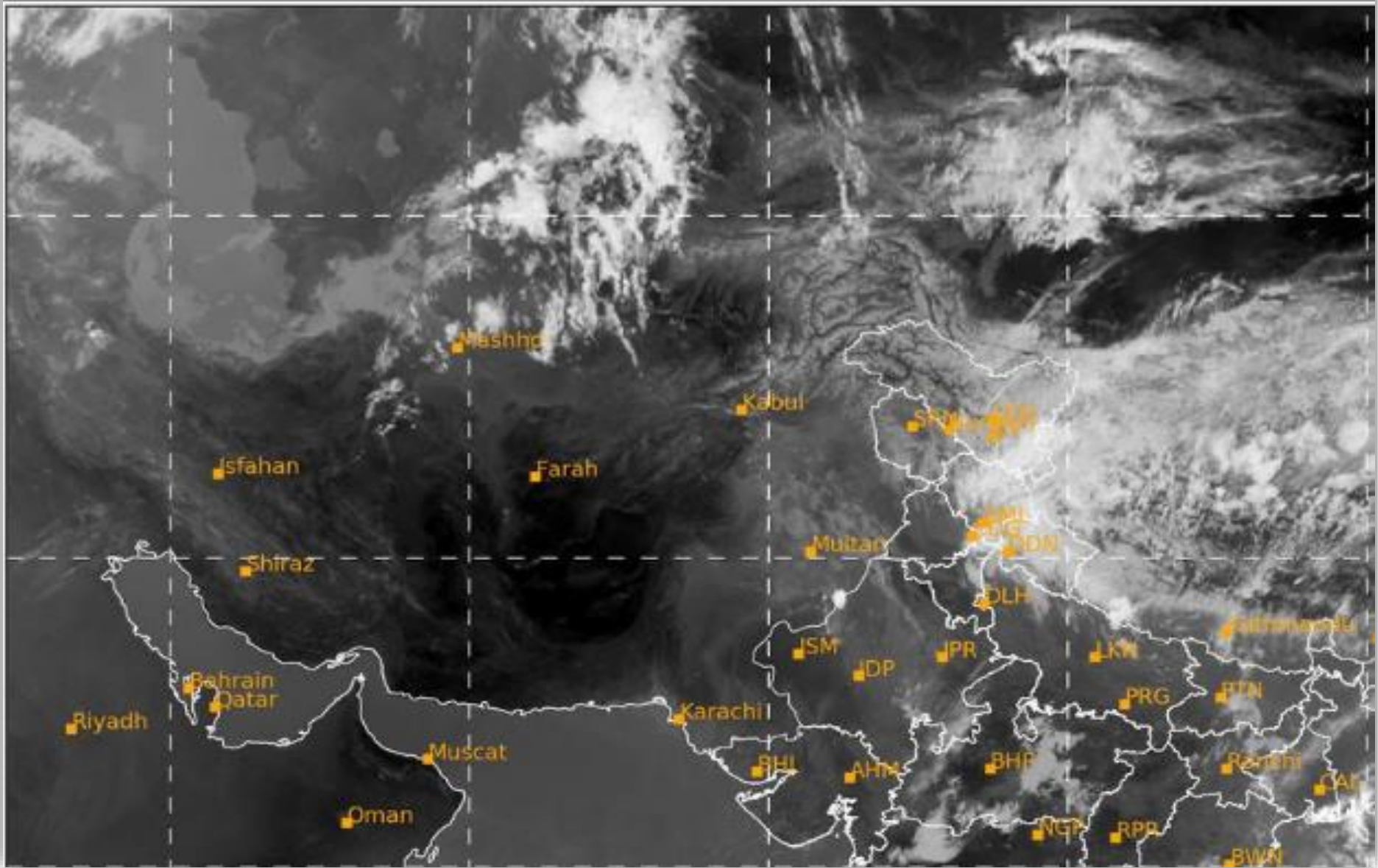


wet/cold

dry/warm

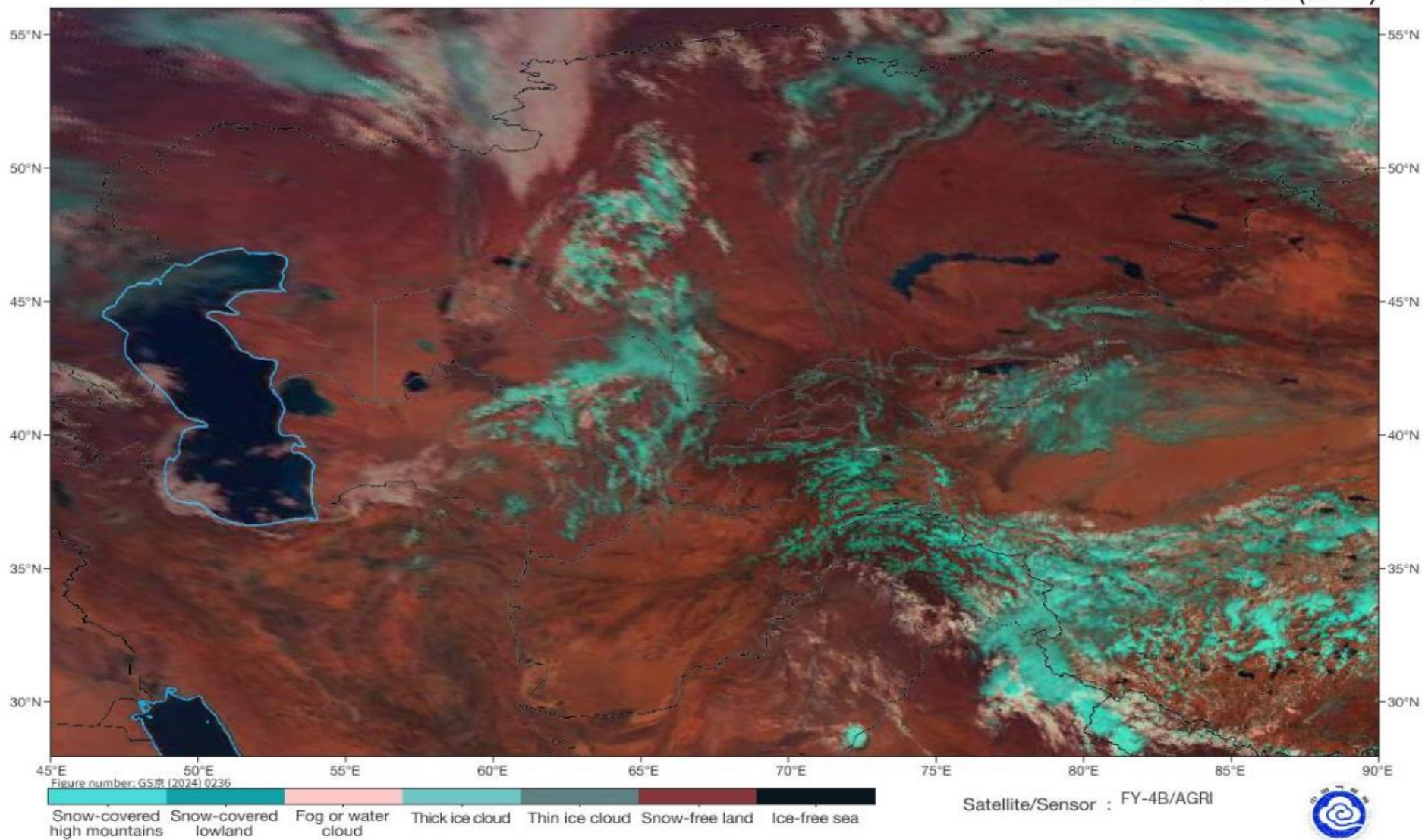
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

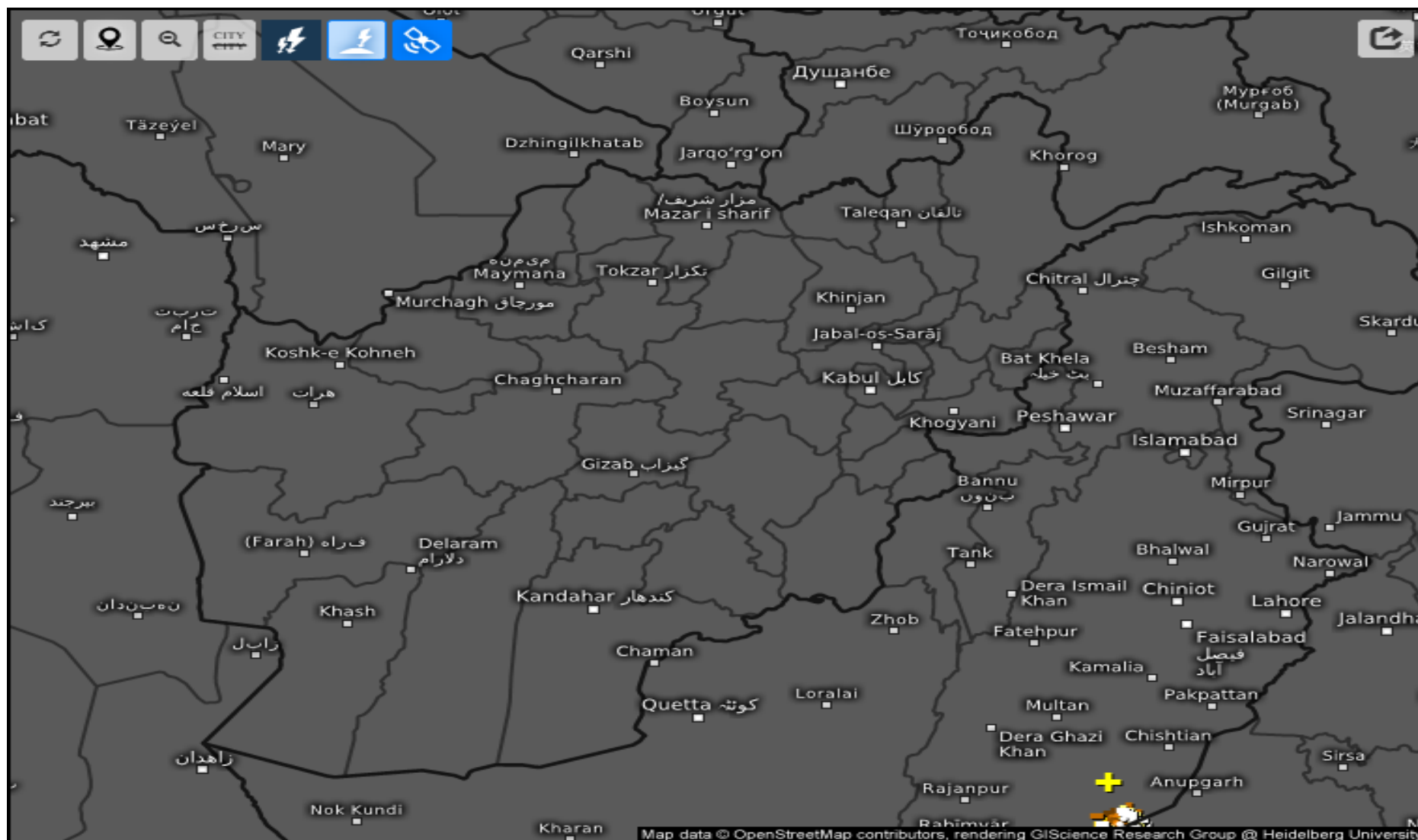
31-05-2026/(0445 to 0512) GMT
31-05-2026/(1015 to 1042) IST



Fog Identification

2026-05-31 05:30(UTC)





Age of lightning (minutes) i

Sun 05/31/2026, 10:15am GMT+0430

