



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



Daily reports of Satellite imagery analysis. Date & Time: 13/05/2025, 03:00 UTC, Number of reports: 970

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

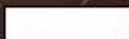
Details: According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, northwestern, and southwestern areas have warm air mass. The southern, western, central, southeastern, and northwestern areas have dust. Some parts of northeastern areas have partly cloudy sky. The northeastern, northwestern, and southwestern areas have moderate water vapor. The northern, southern, western, eastern, central, and southeastern areas have weak water vapor. The western and northeastern areas have Jetstream.

Note: X (Not existing phenomena), √ (exist phenomena)

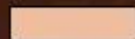
- Reported by: Sayed Taher Atlas

UTC : 2025-05-13 00:45

AirMass



Thick,
high-level cloud



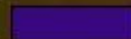
Thick,
mid-level cloud



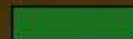
Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



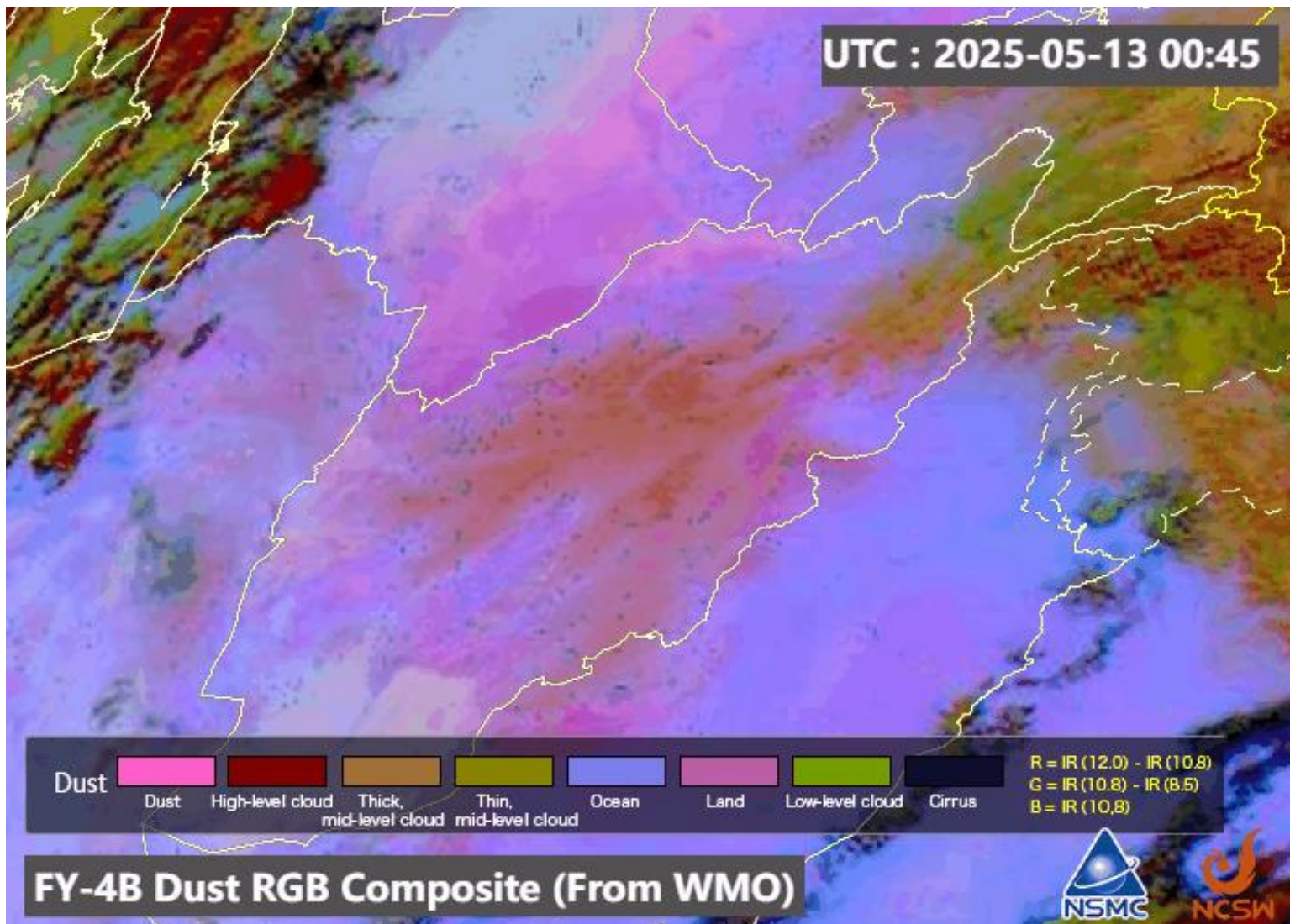
Warm Airmass
(low UTH)

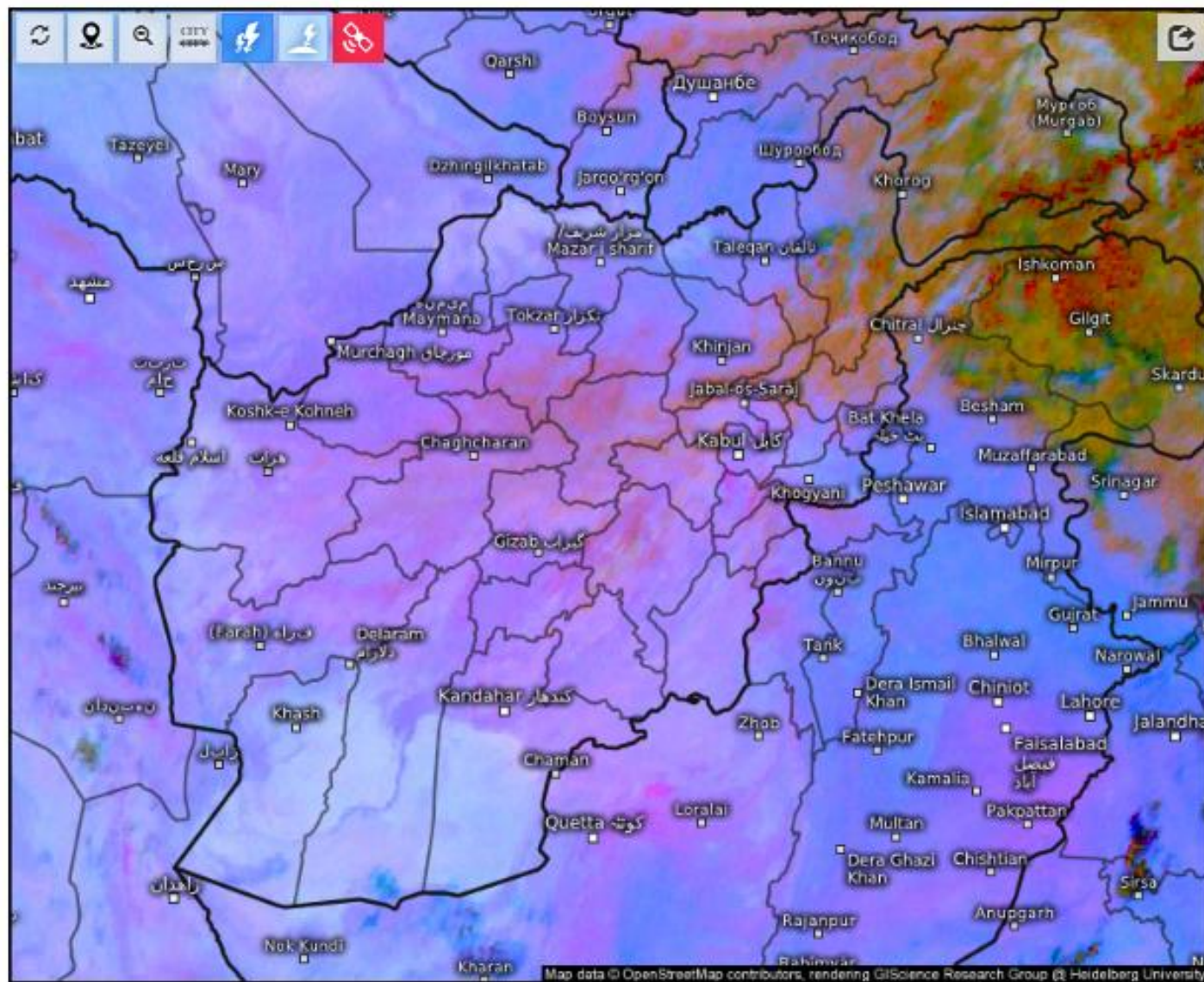
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



UTC : 2025-05-13 00:45

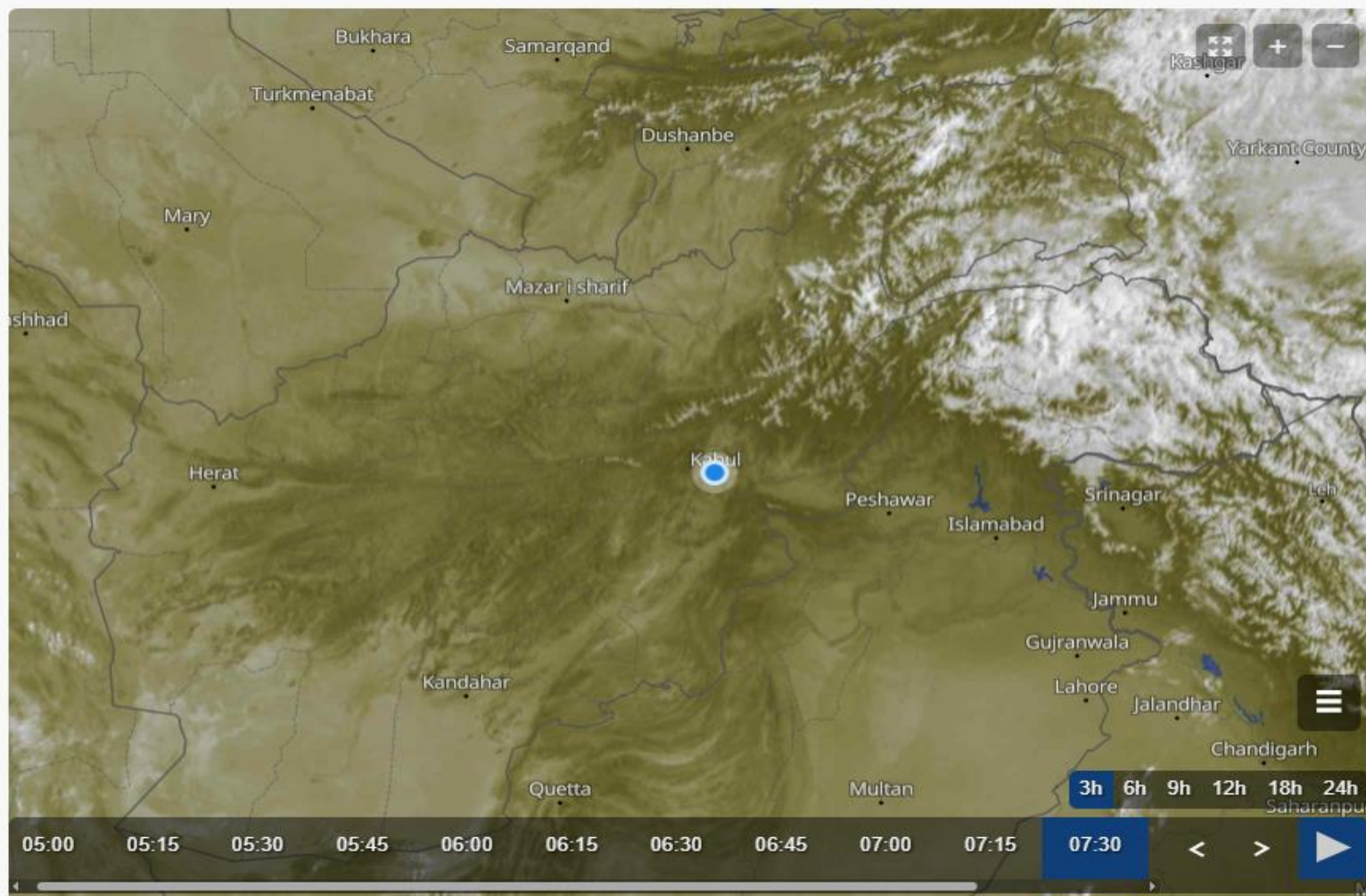




Satellite Dust 

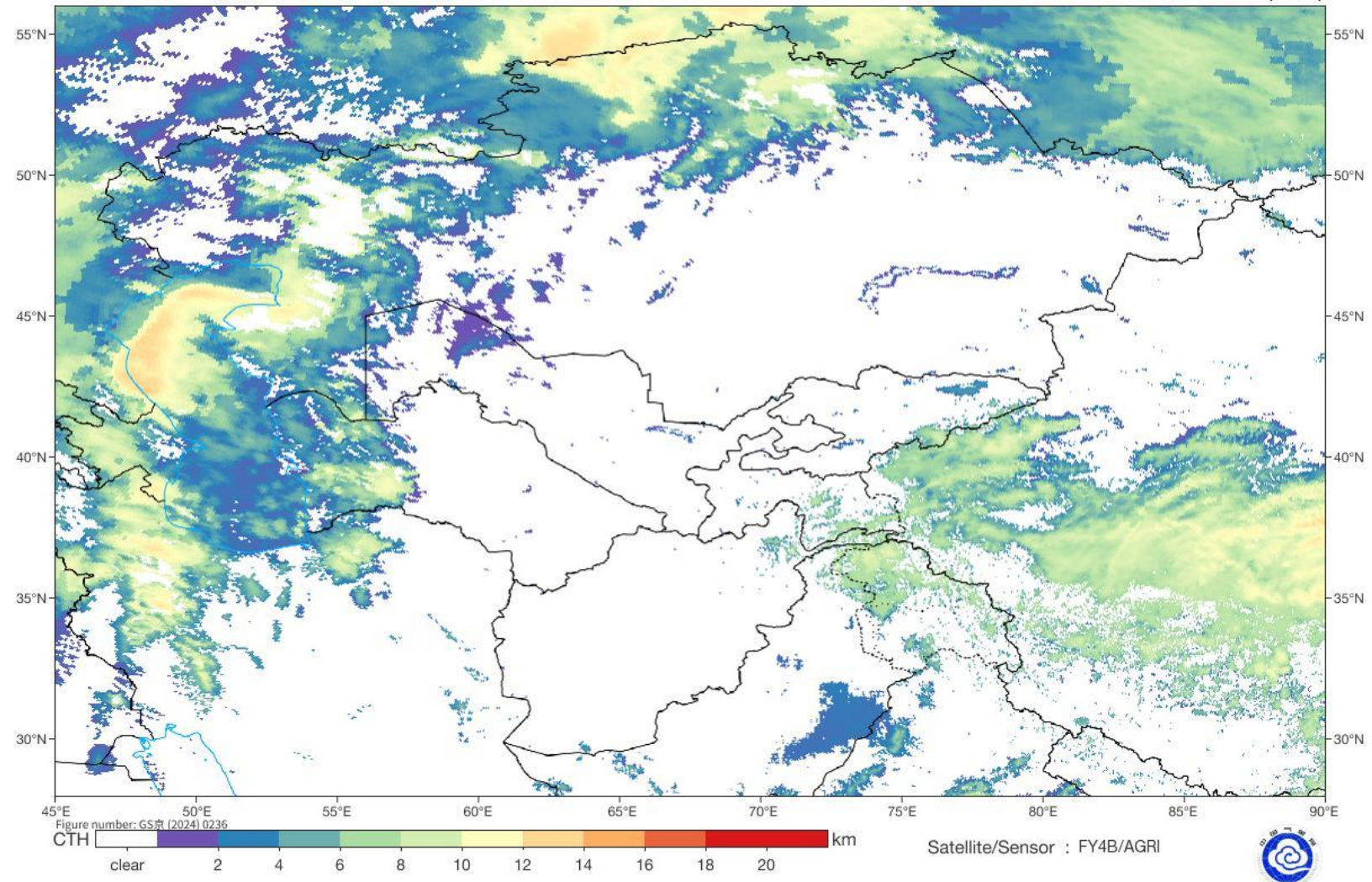
Tue 05/13/2025, 07:30am GMT+0430

Live satellite map, Afghanistan



Cloud Top Height

2025-05-13 03:00(UTC)



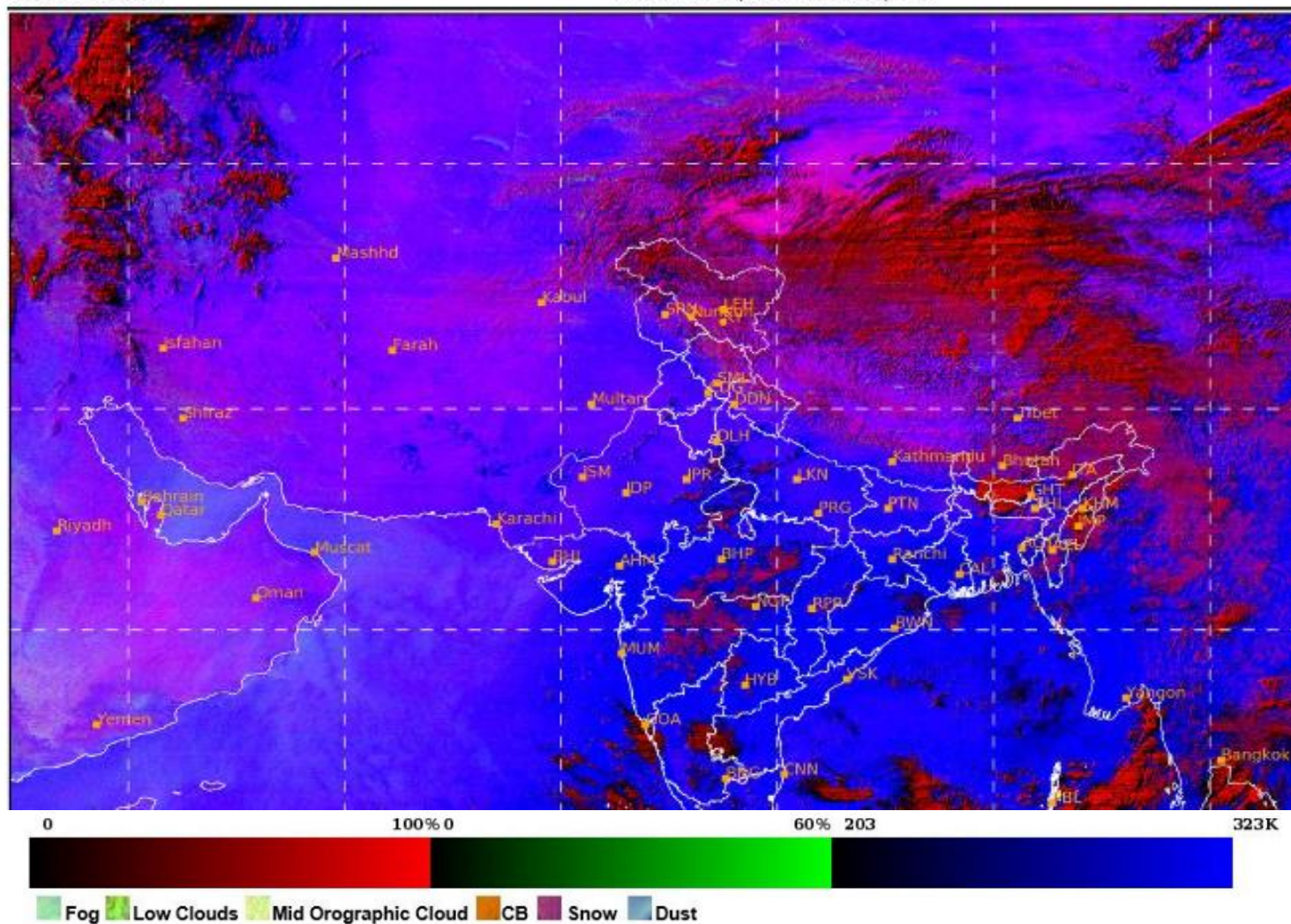
SAT : INSAT-3DR IMG

13-05-2025/(0245 to 0312) GMT

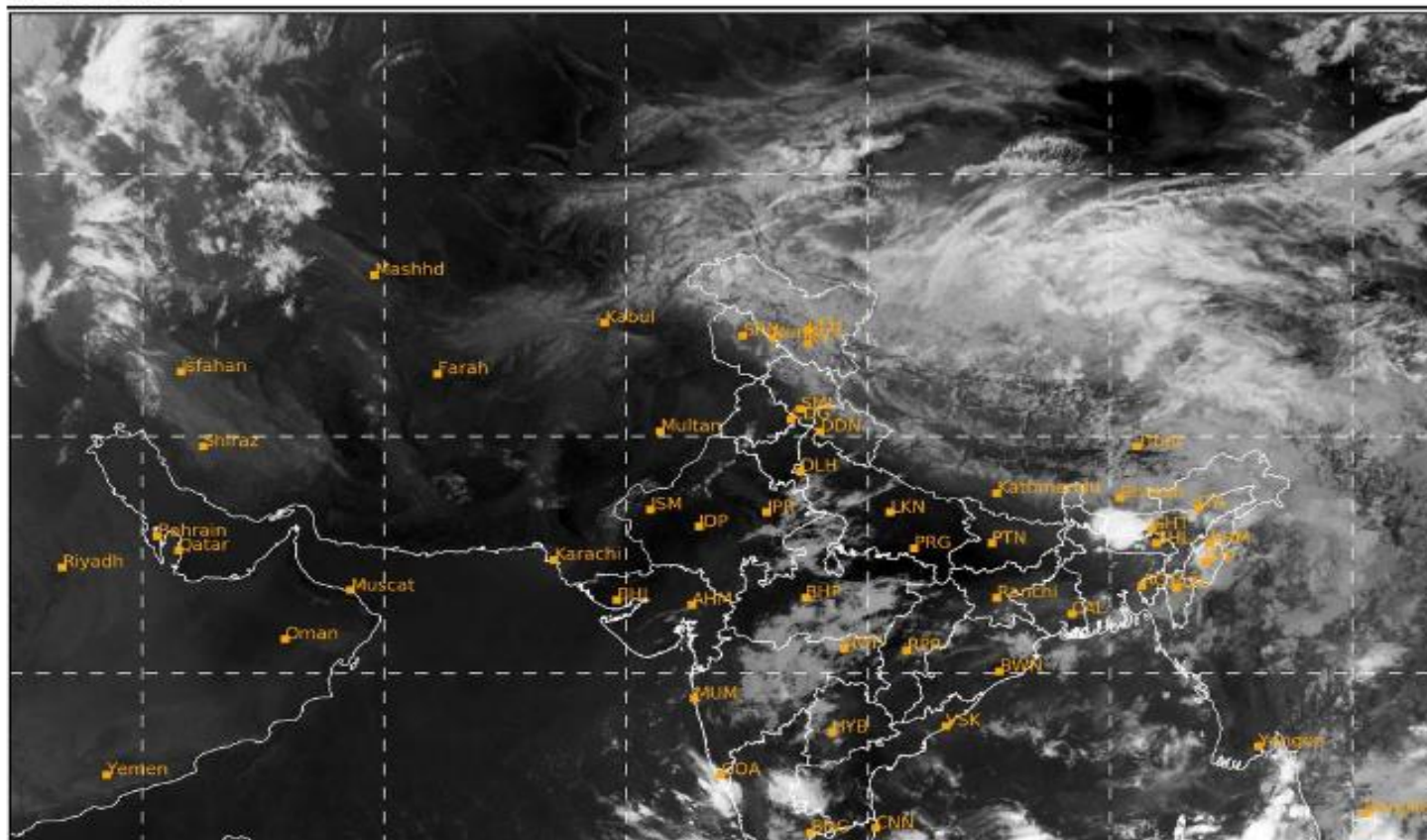
Night Microphysics: TIR2_BT-TIR1_BT (R), TIR1_BT-MIR_BT (G), TIR1_BT (B)

L1C Mercator

13-05-2025/(0815 to 0842) IST

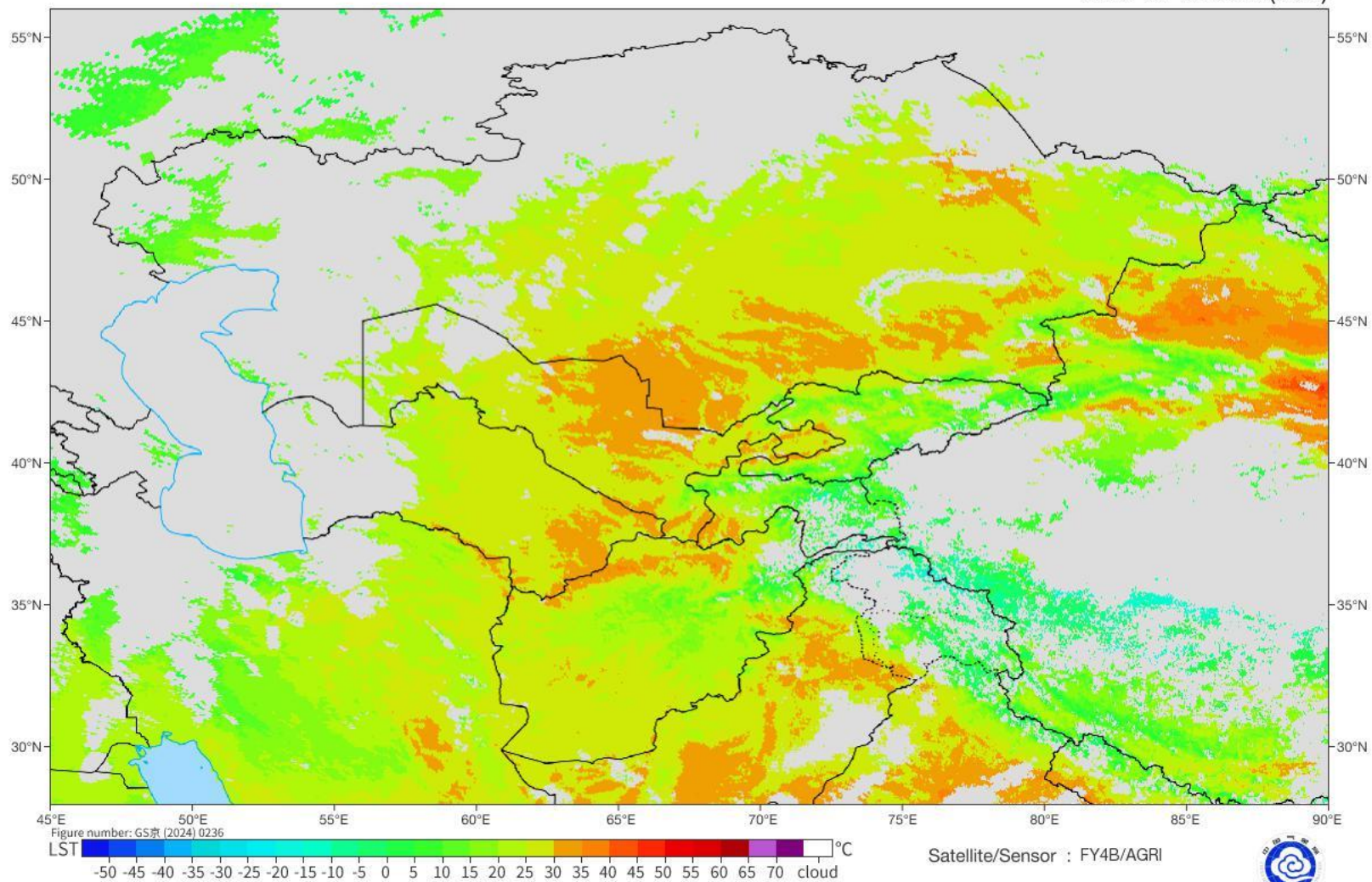


13-05-2025/(0245 to 0312) GMT
13-05-2025/(0815 to 0842) IST



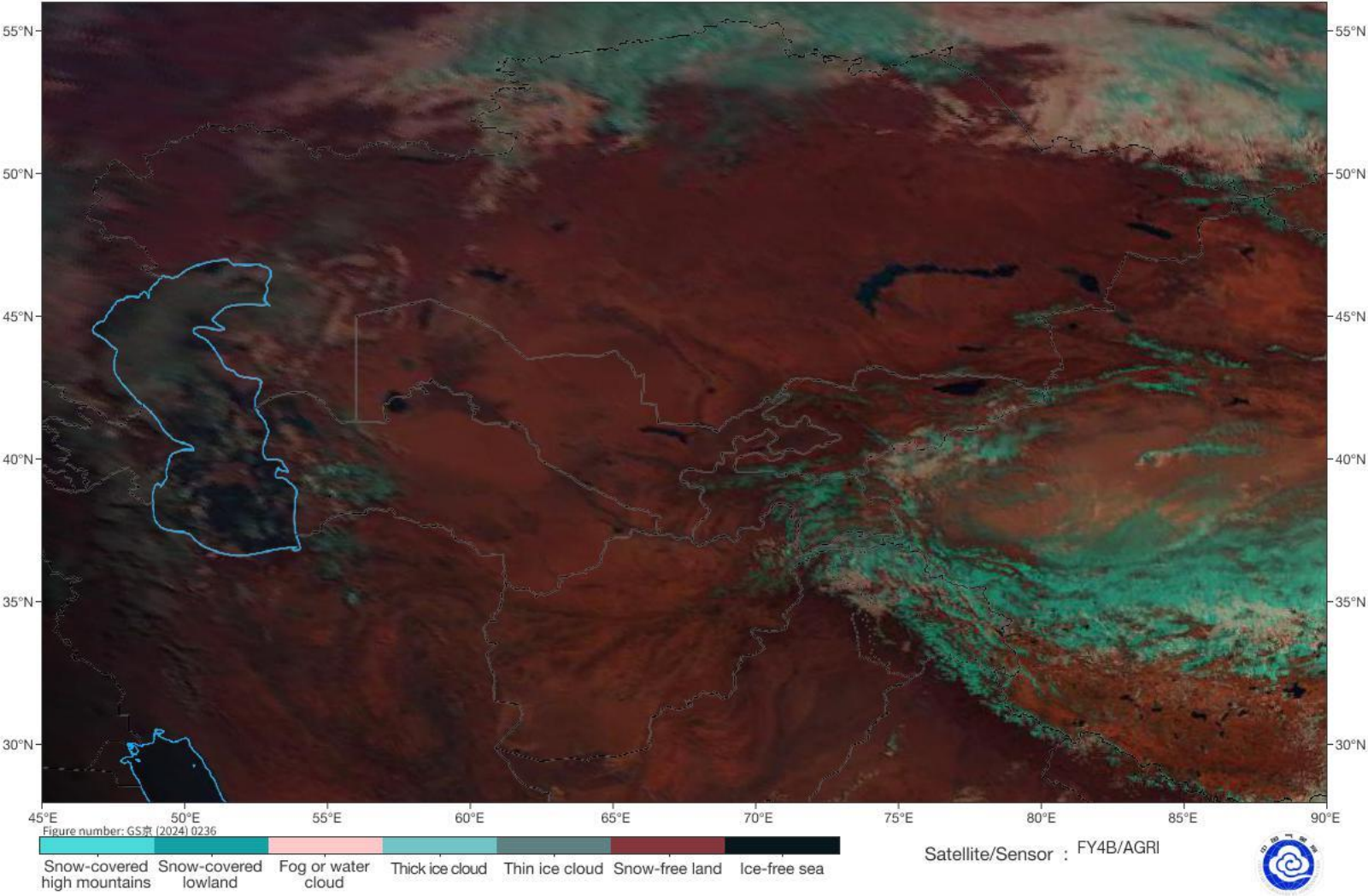
Land Surface Temperature

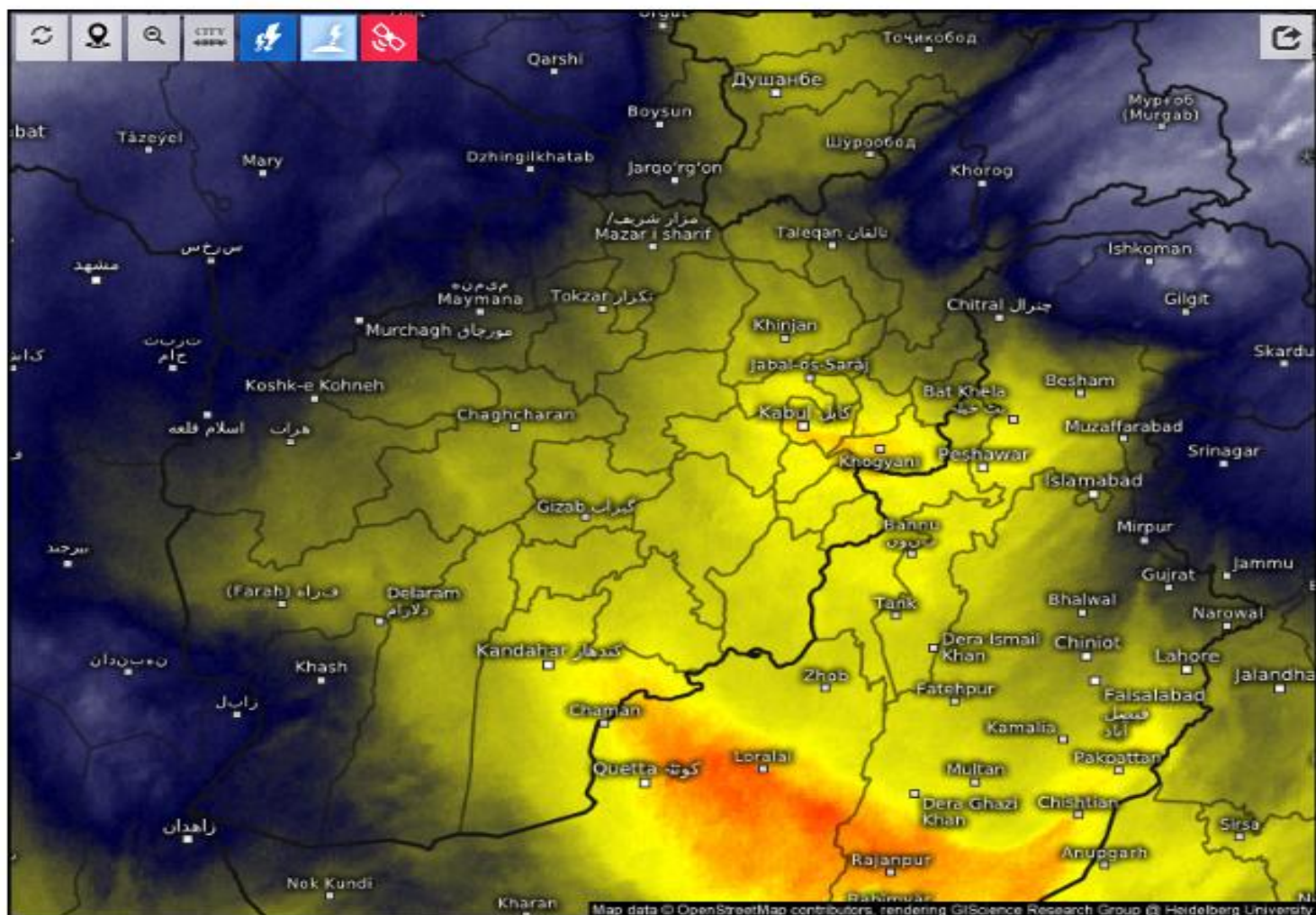
2025-05-13 03:00(UTC)



Fog Identification

2025-05-13 03:00(UTC)





Satellite Water Vapor

Tue 05/13/2025, 07:30am GMT+0430

