



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



Daily reports of Satellite imagery analysis. Date & Time: 19/01/2026, 03:00 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	X	✓ Moderate	X	X	
3	West	✓	X	X	✓	X	✓ Moderate	X	X	
4	East	✓	X	X	✓	X	✓ Moderate	X	X	
5	central	X	X	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	X	✓ Moderate	X	X	

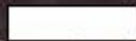
**Details:** According to satellite imagery analysis, the northern, western, eastern, northeastern, southeastern, northwestern, and southwestern areas have cold air mass. Some parts of northern, western, eastern, central, northeastern, southeastern, and northwestern areas have partly cloudy sky. The all regions have moderate water vapor.

**Note:** X (Not existing phenomena), ✓ (exist phenomena)

- Reported by: Sayed Taher Atlas

UTC : 2026-01-19 00:45

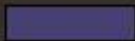
AirMass



Thick,  
high-level cloud



Thick,  
mid-level cloud



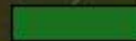
Thick,  
low-level cloud



Jet



Cold Airmass



Warm Airmass  
(high UTH)



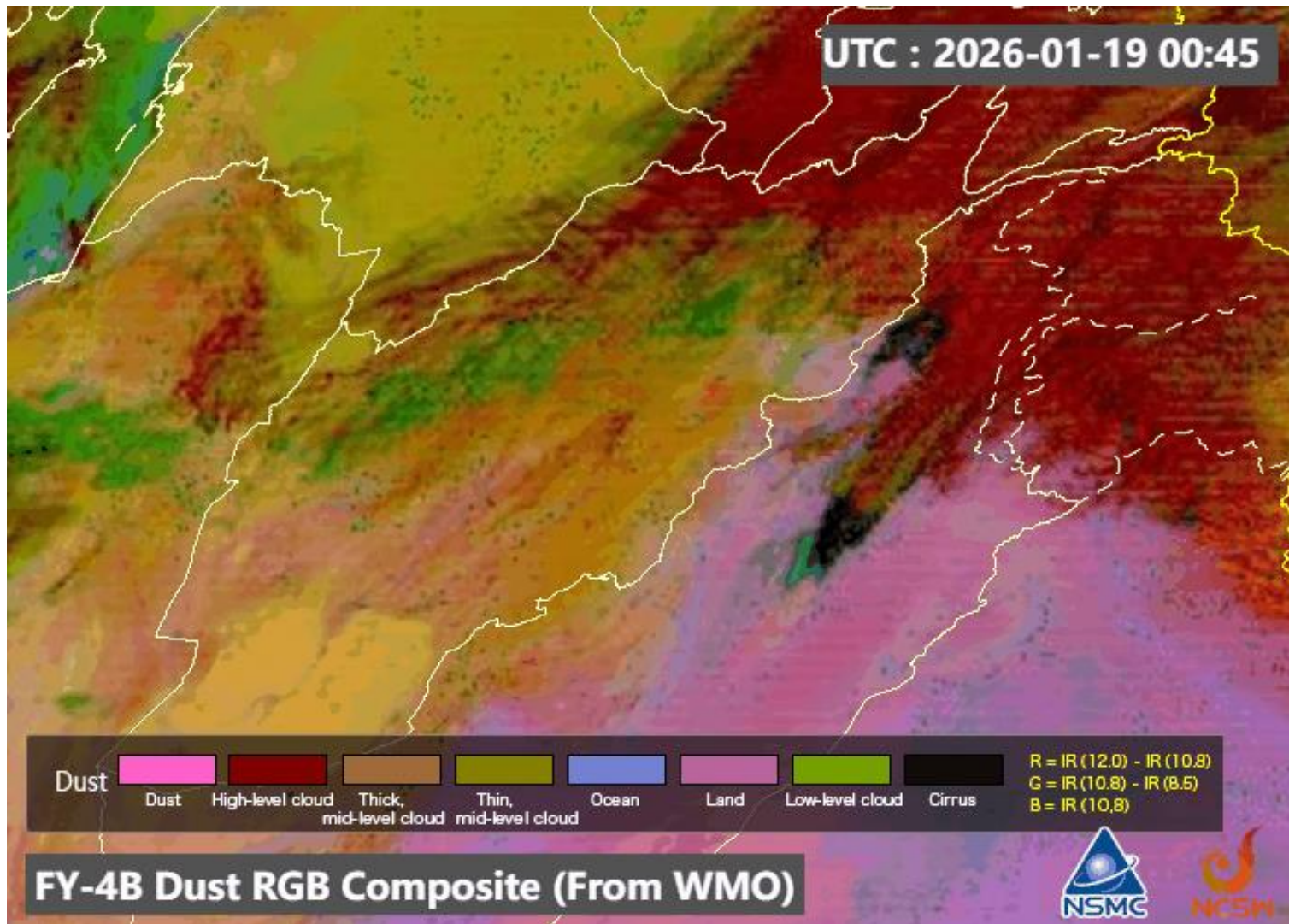
Warm Airmass  
(low UTH)

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

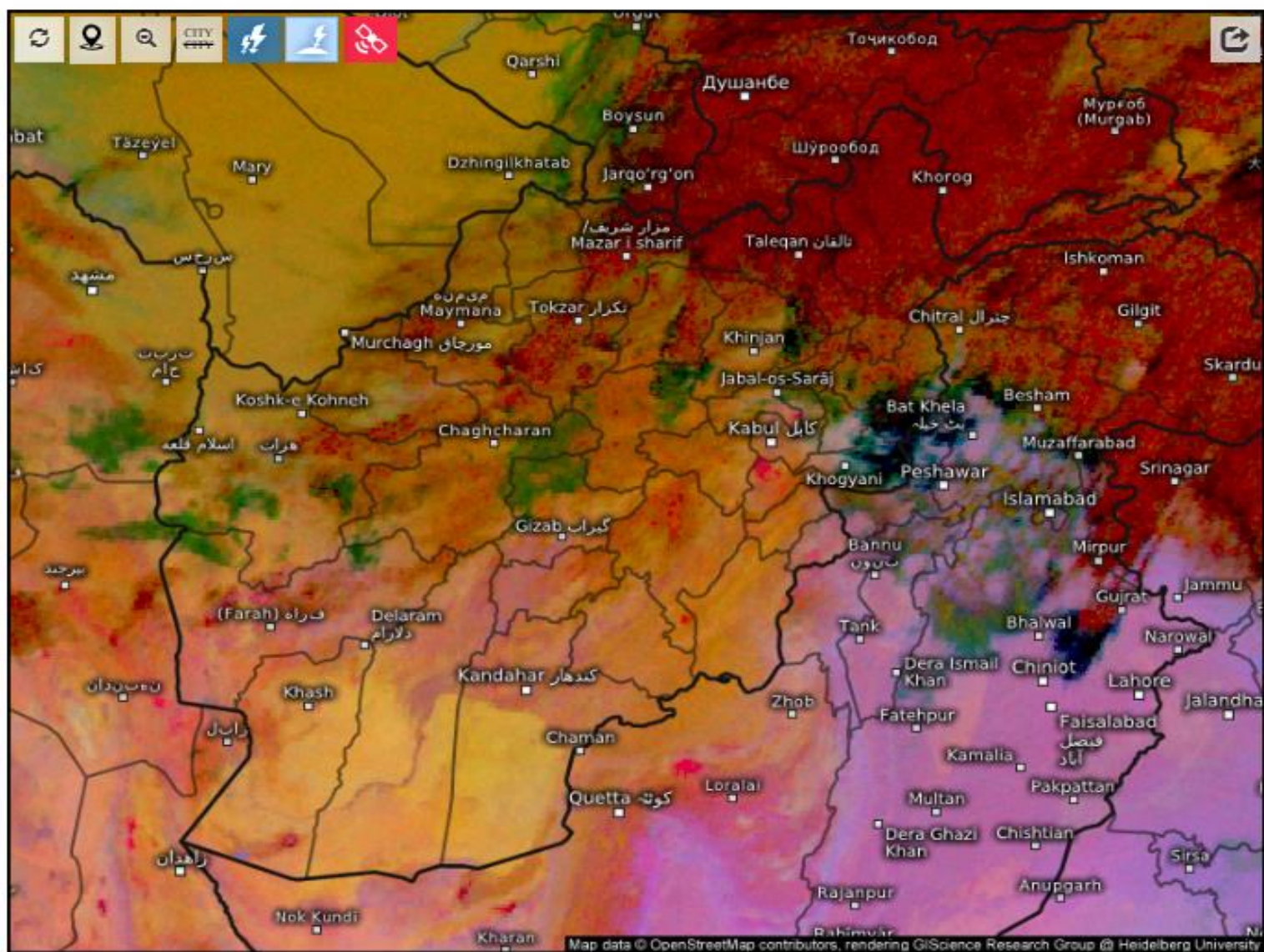
**FY-4B AirMass RGB Composite (From WMO)**



UTC : 2026-01-19 00:45

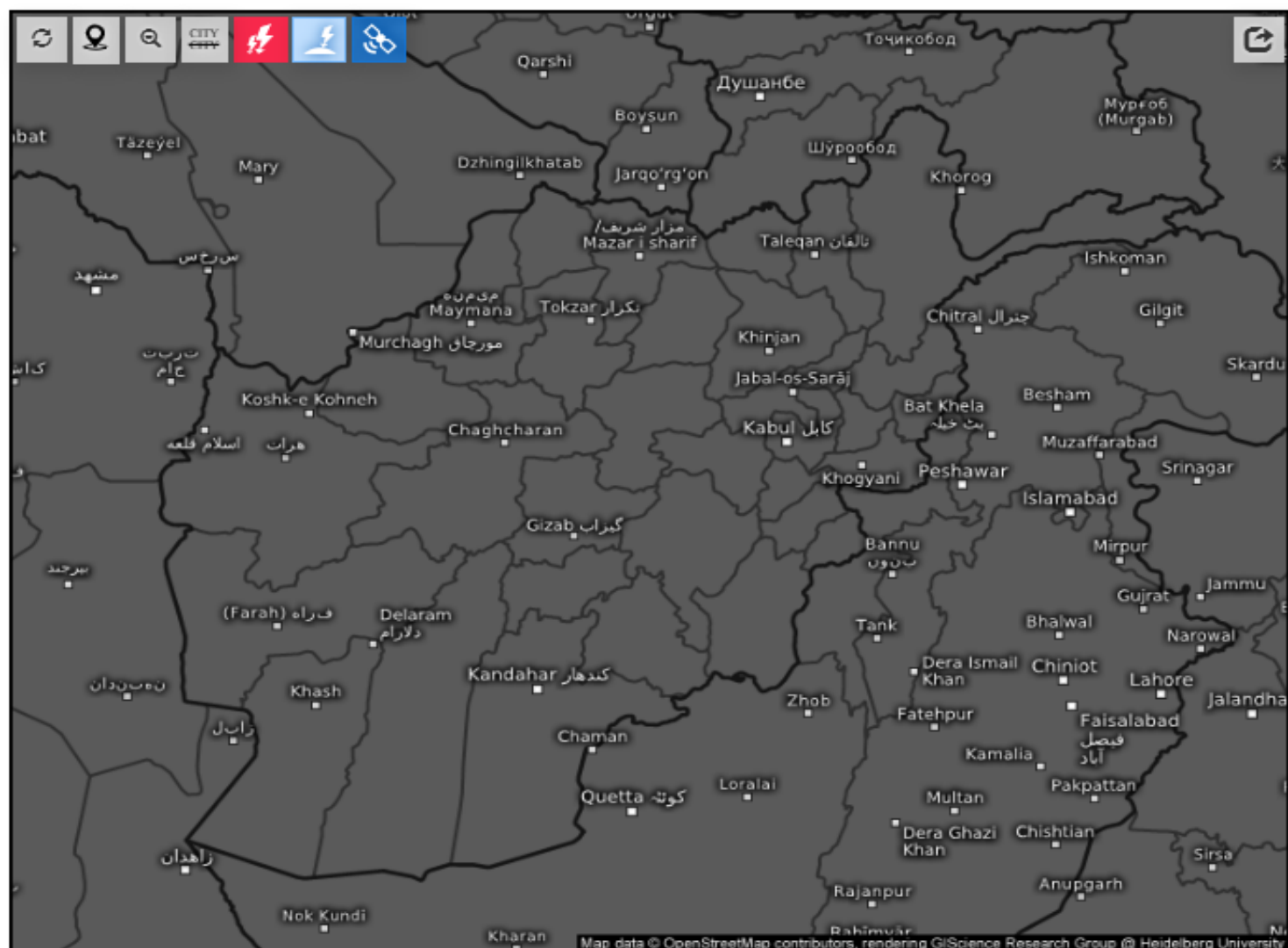






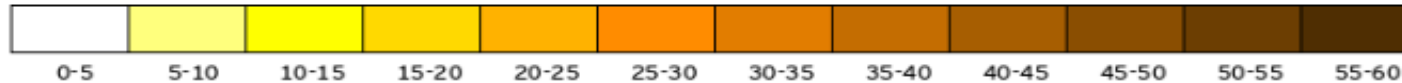
Satellite Dust 

Mon 01/19/2026, 07:30am GMT+0430



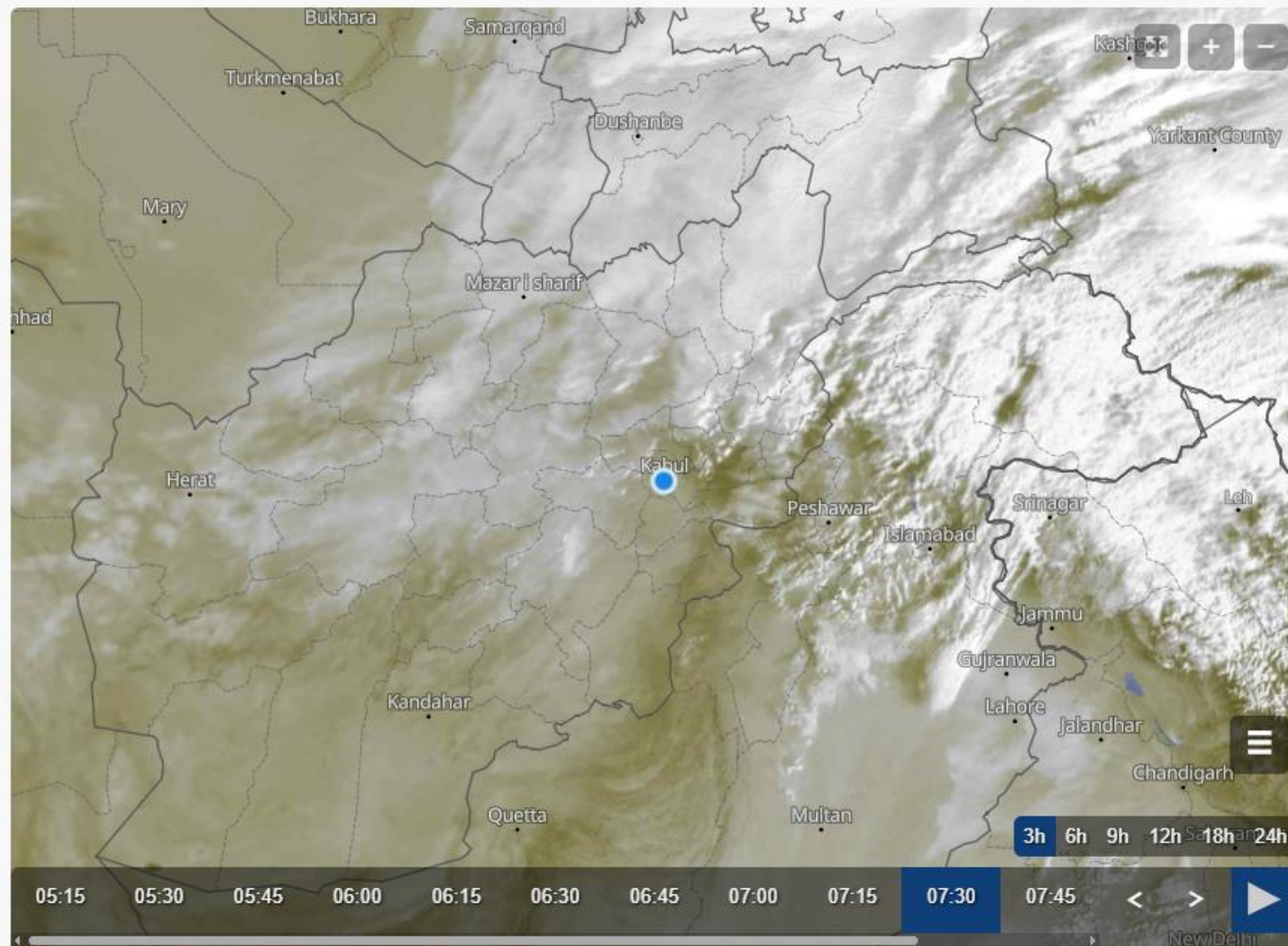
Age of lightning (minutes) 

Mon 01/19/2026, 07:30am GMT+0430



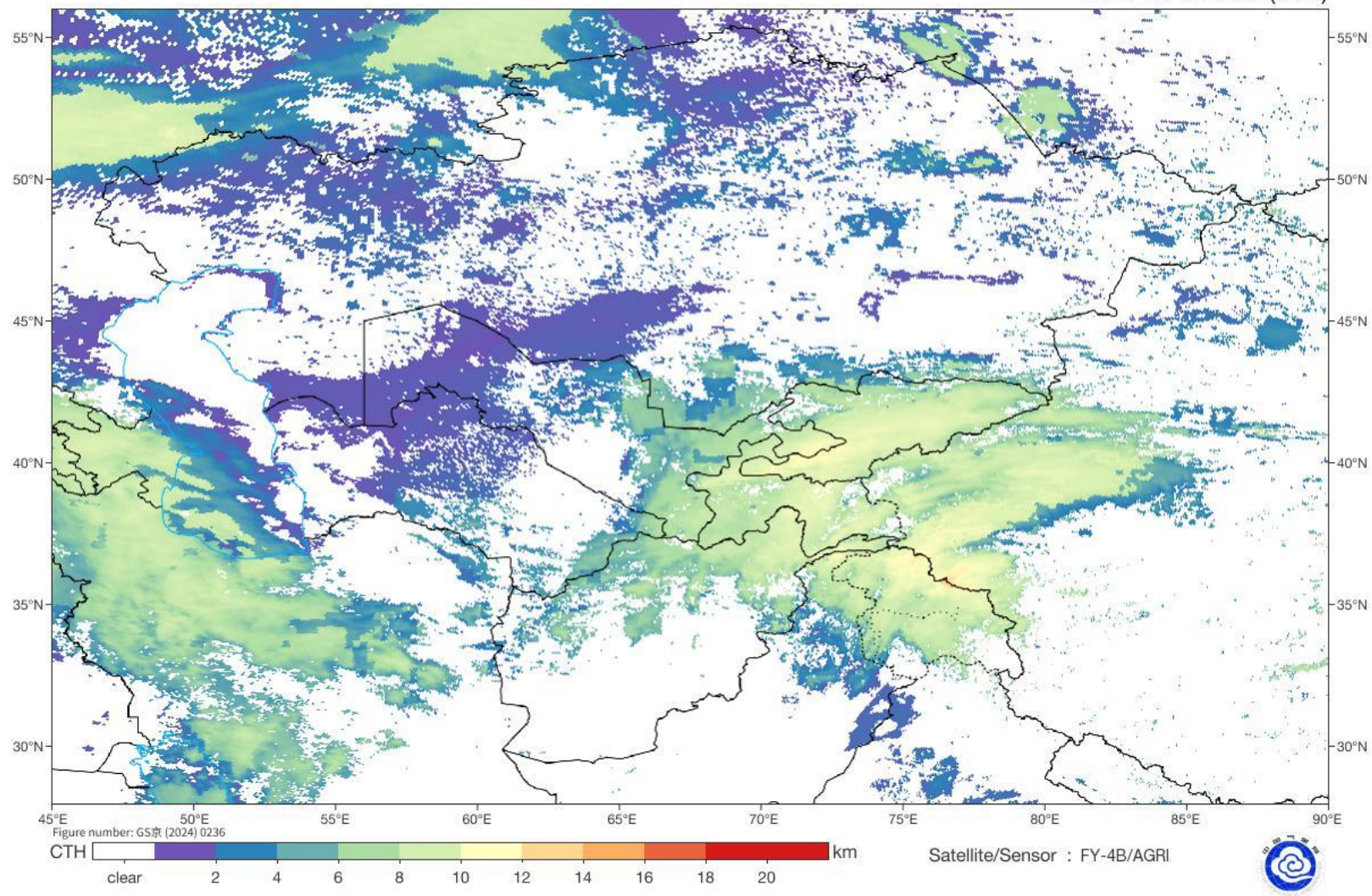


## Live satellite map, Afghanistan



# Cloud Top Height

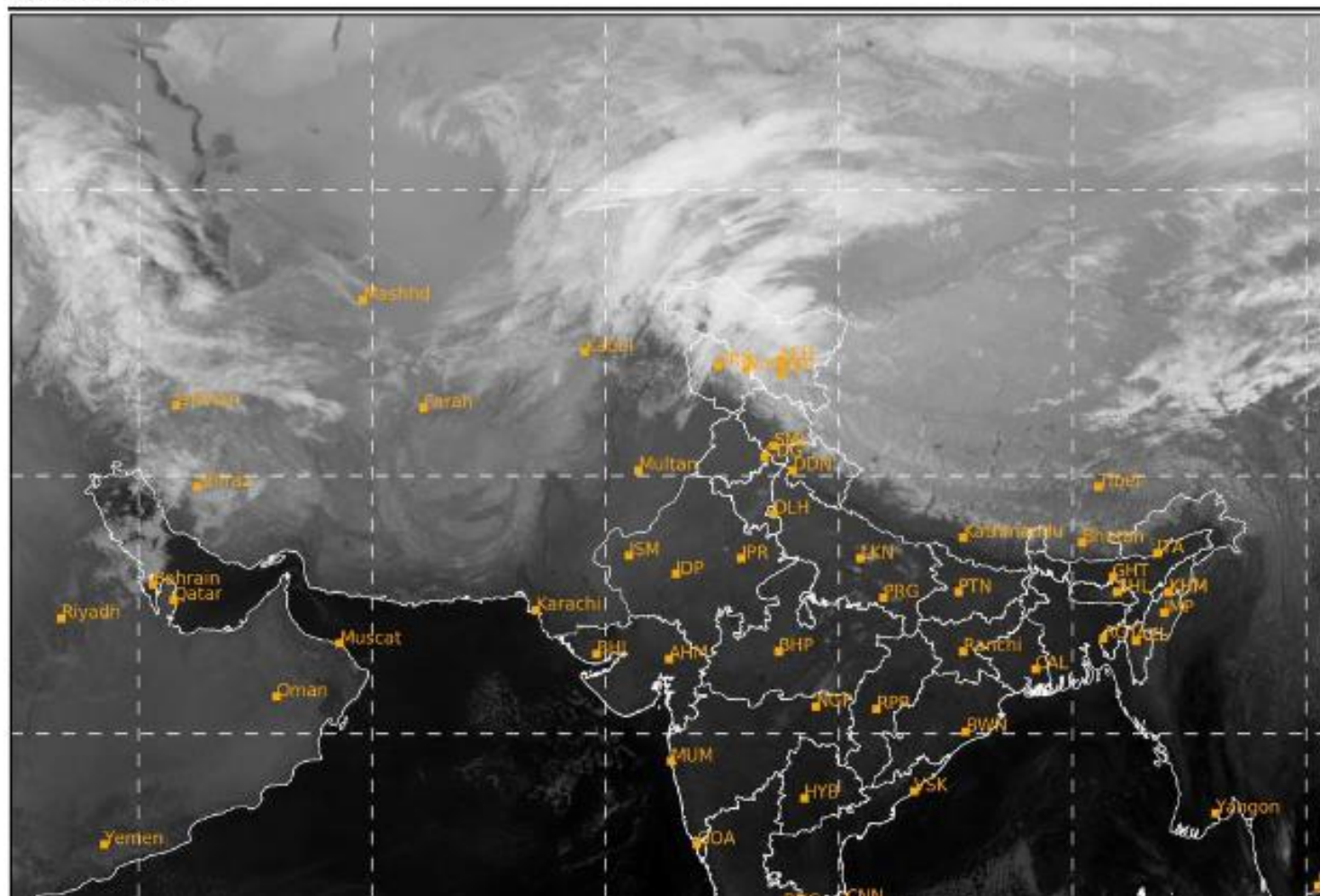
2026-01-19 03:15(UTC)





L1C Mercator

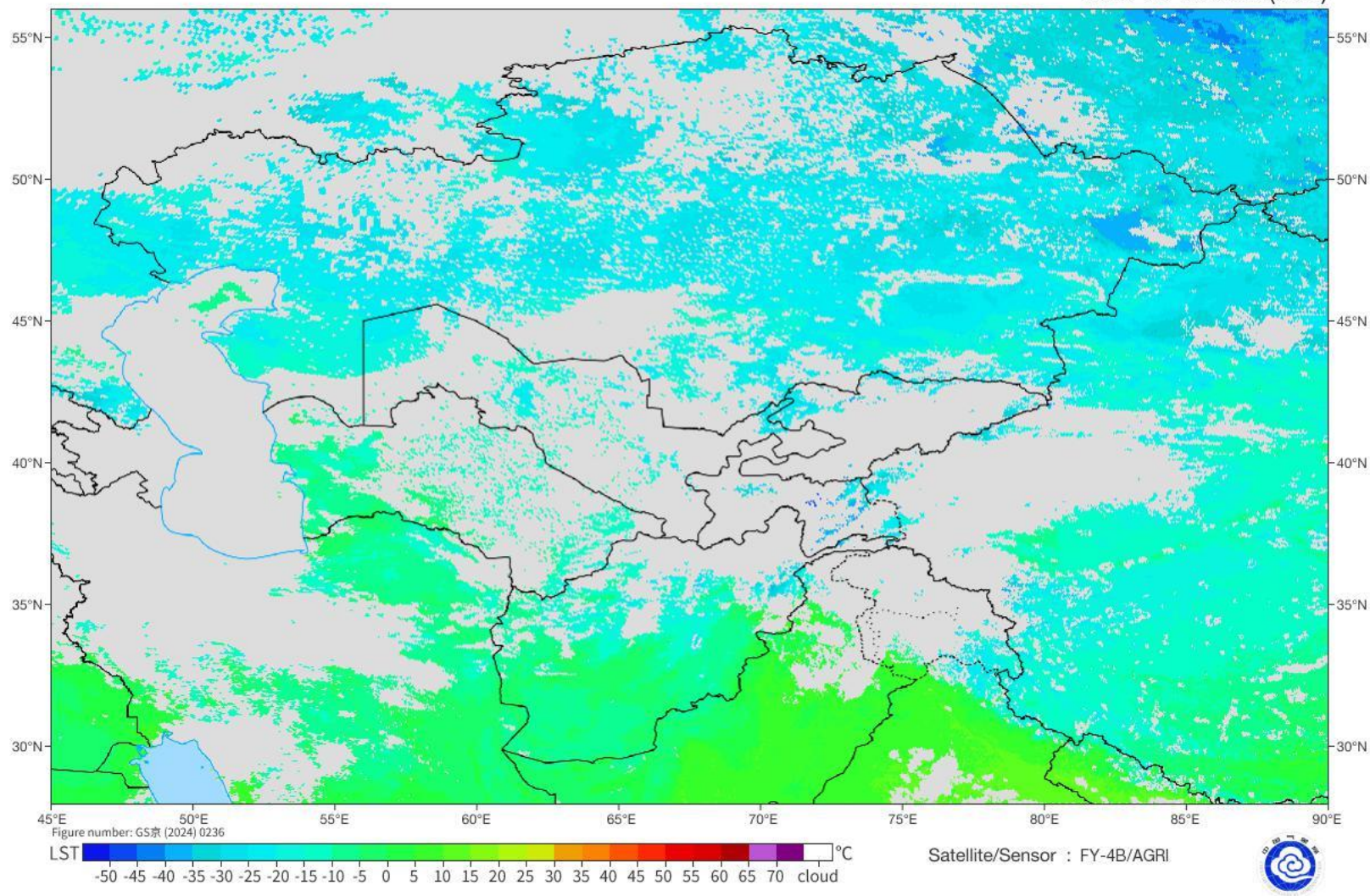
19-01-2026/(0815 to 0842) IST





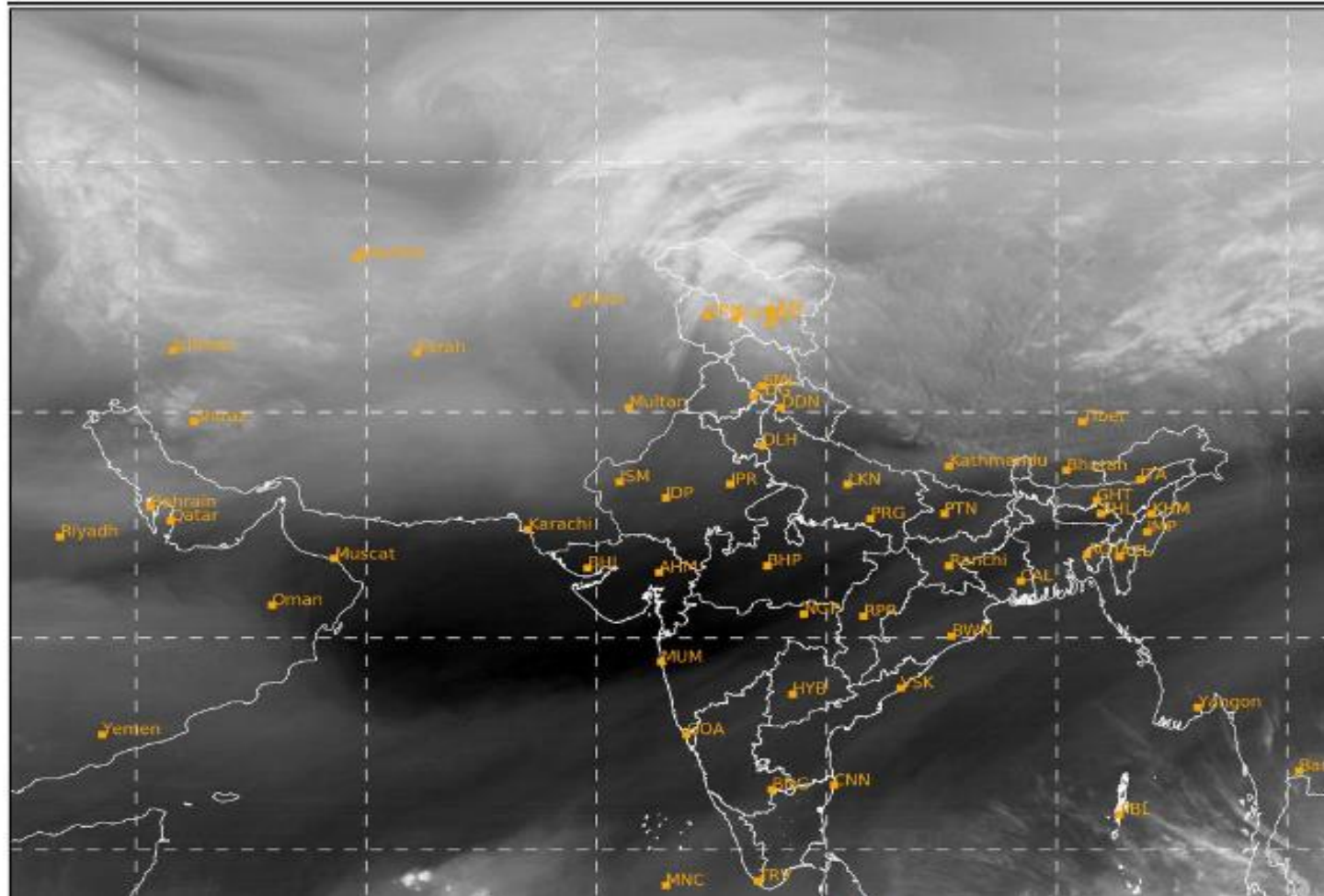
# Land Surface Temperature

2026-01-19 03:00(UTC)

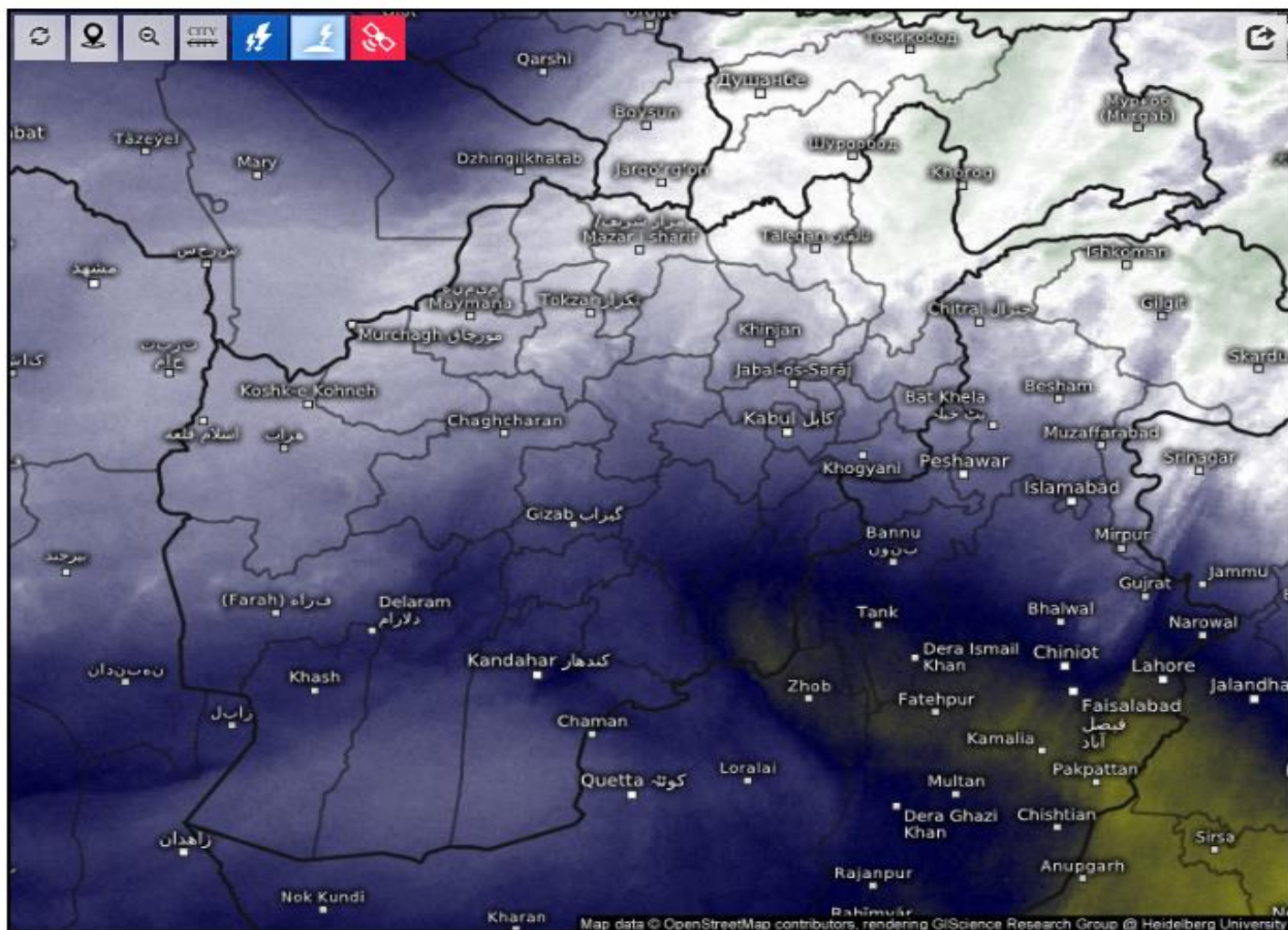


SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
LIC Mercator

19-01-2026/(0245 to 0312) GMT  
19-01-2026/(0815 to 0842) IST







## Satellite Water Vapor

Mon 01/19/2026, 07:30am GMT+0430

