



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



Daily reports of Satellite imagery analysis. Date & Time: 14/06/2025, 03:00 UTC, Number of reports: 1040

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

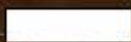
Details: According to satellite imagery analysis, the southern, western, central, and northwestern areas have warm air mass. The southern, western, central, southeastern, northwestern, and southwestern areas have dust. Some parts of northern, eastern, central, and northeastern areas have partly cloudy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

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

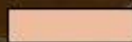
- Reported by: Sayed Taher Atlas

UTC : 2025-06-14 01:30

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

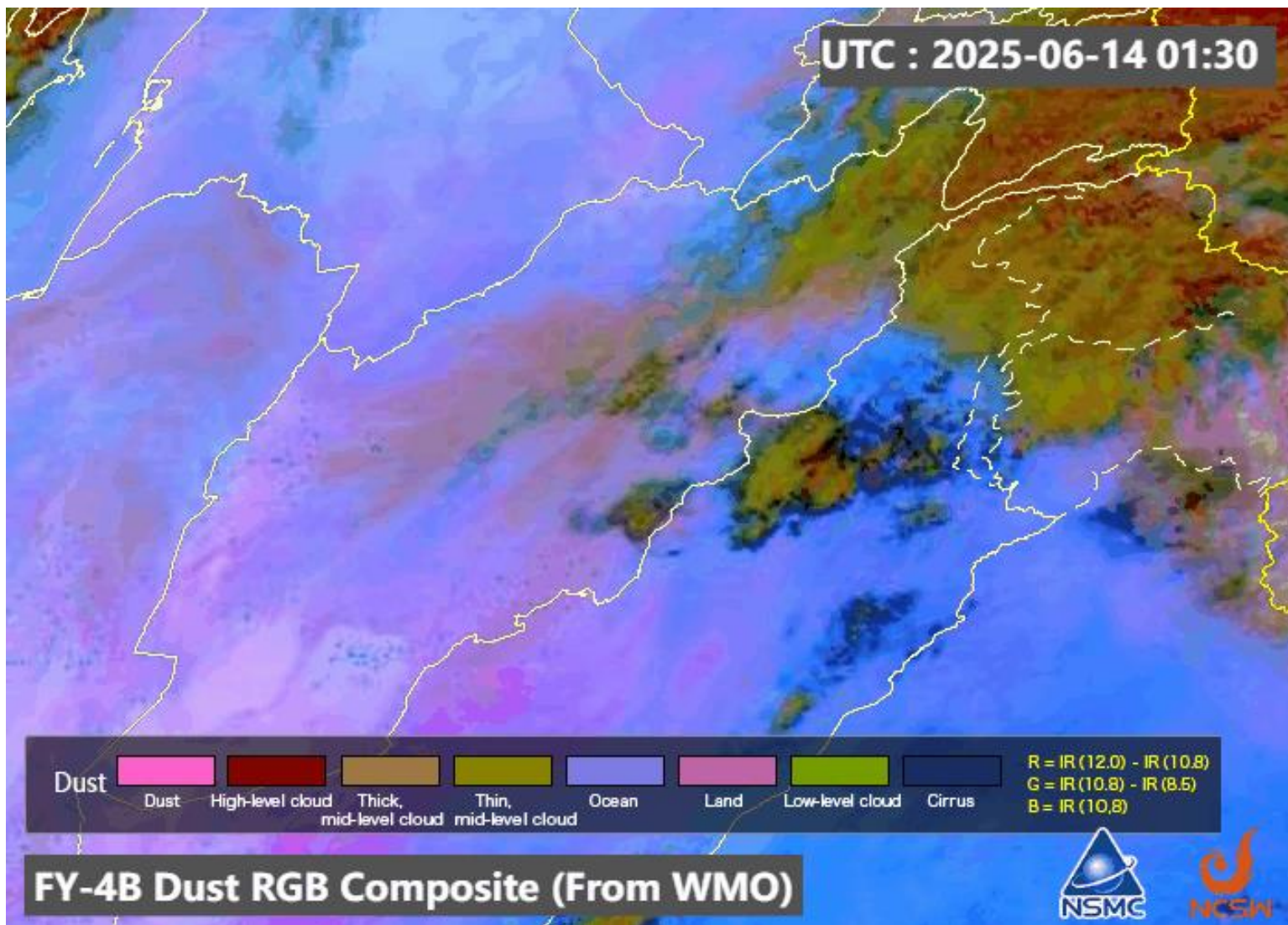
R = WV (6.25) - WV (7.1)

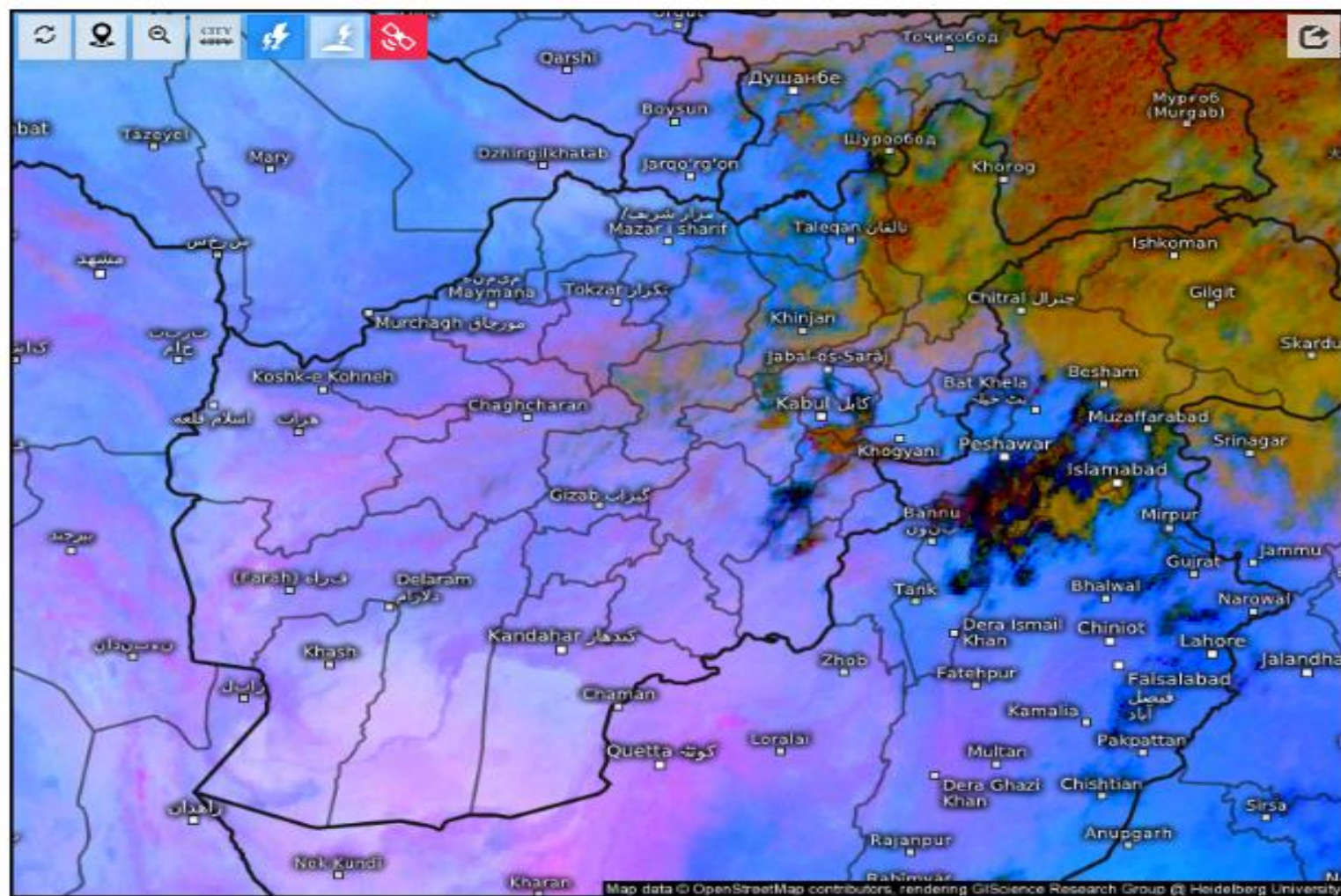
G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

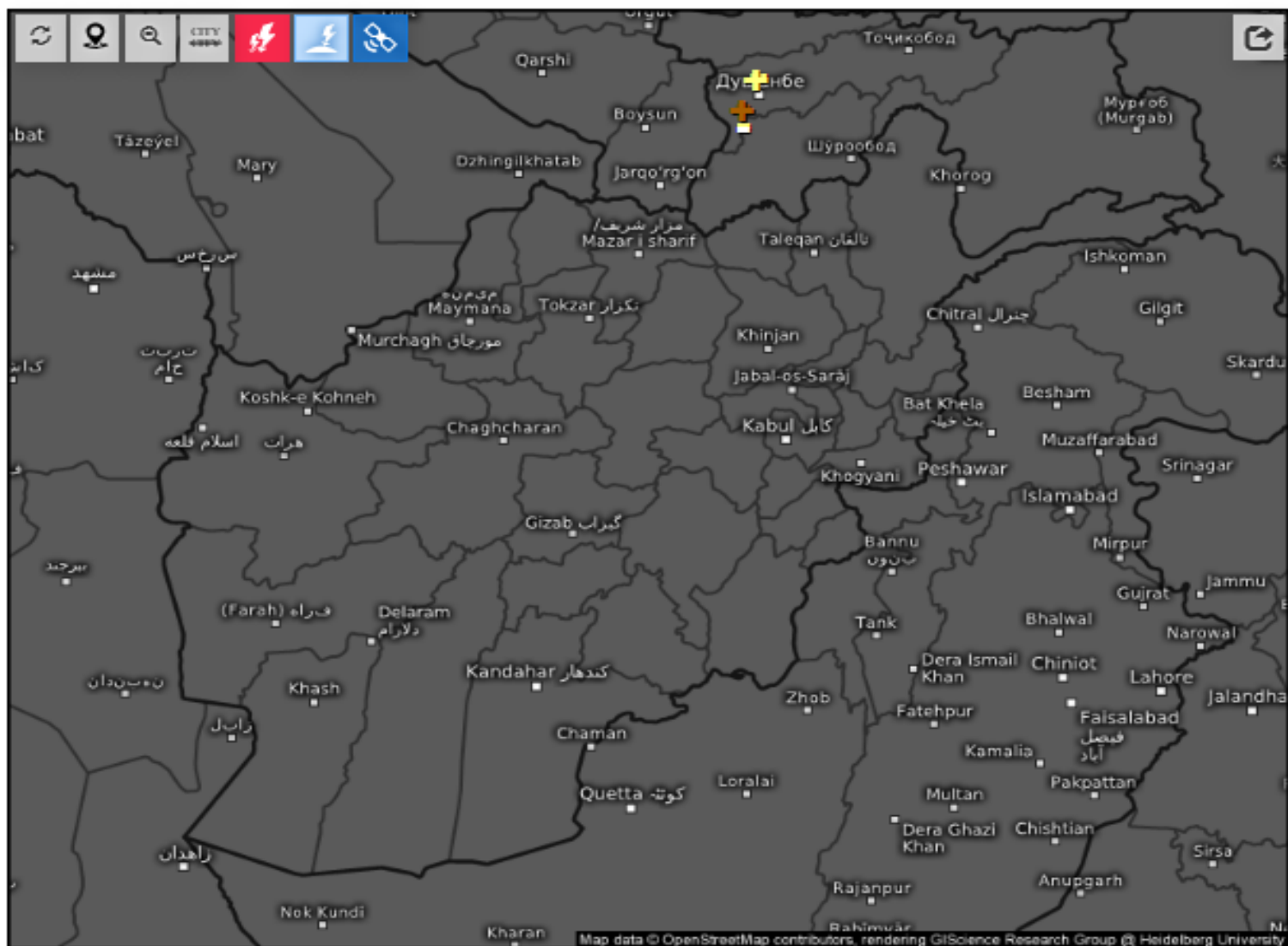






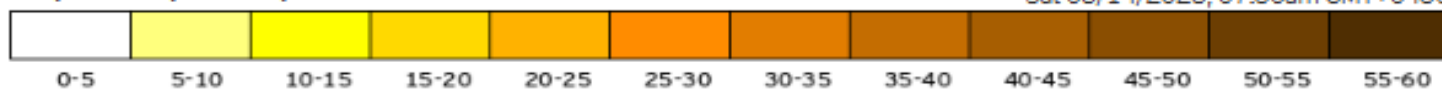
Satellite Dust 

Sat 06/14/2025, 07:30am GMT+0430

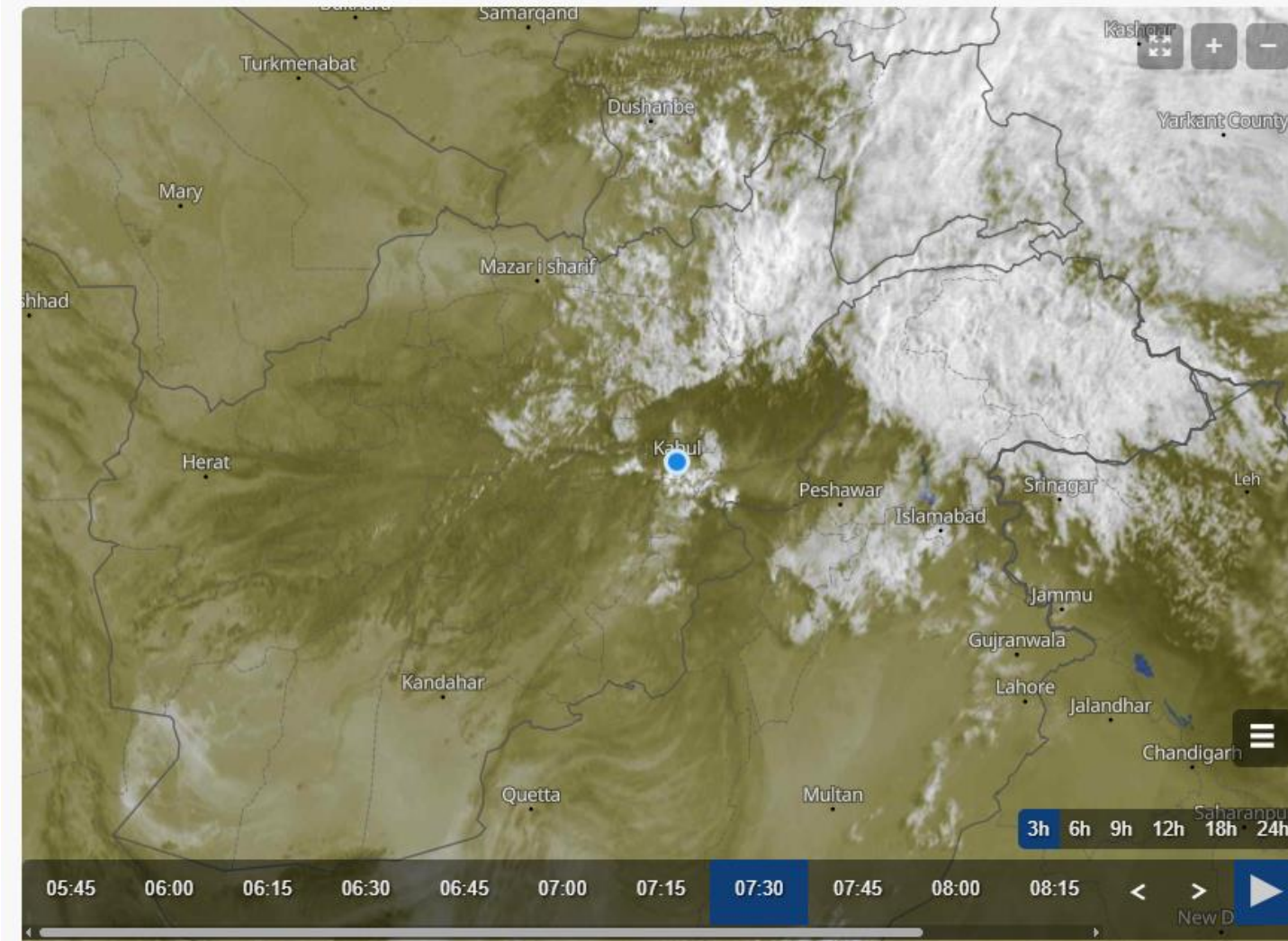


Age of lightning (minutes) 

Sat 06/14/2025, 07:30am GMT+0430

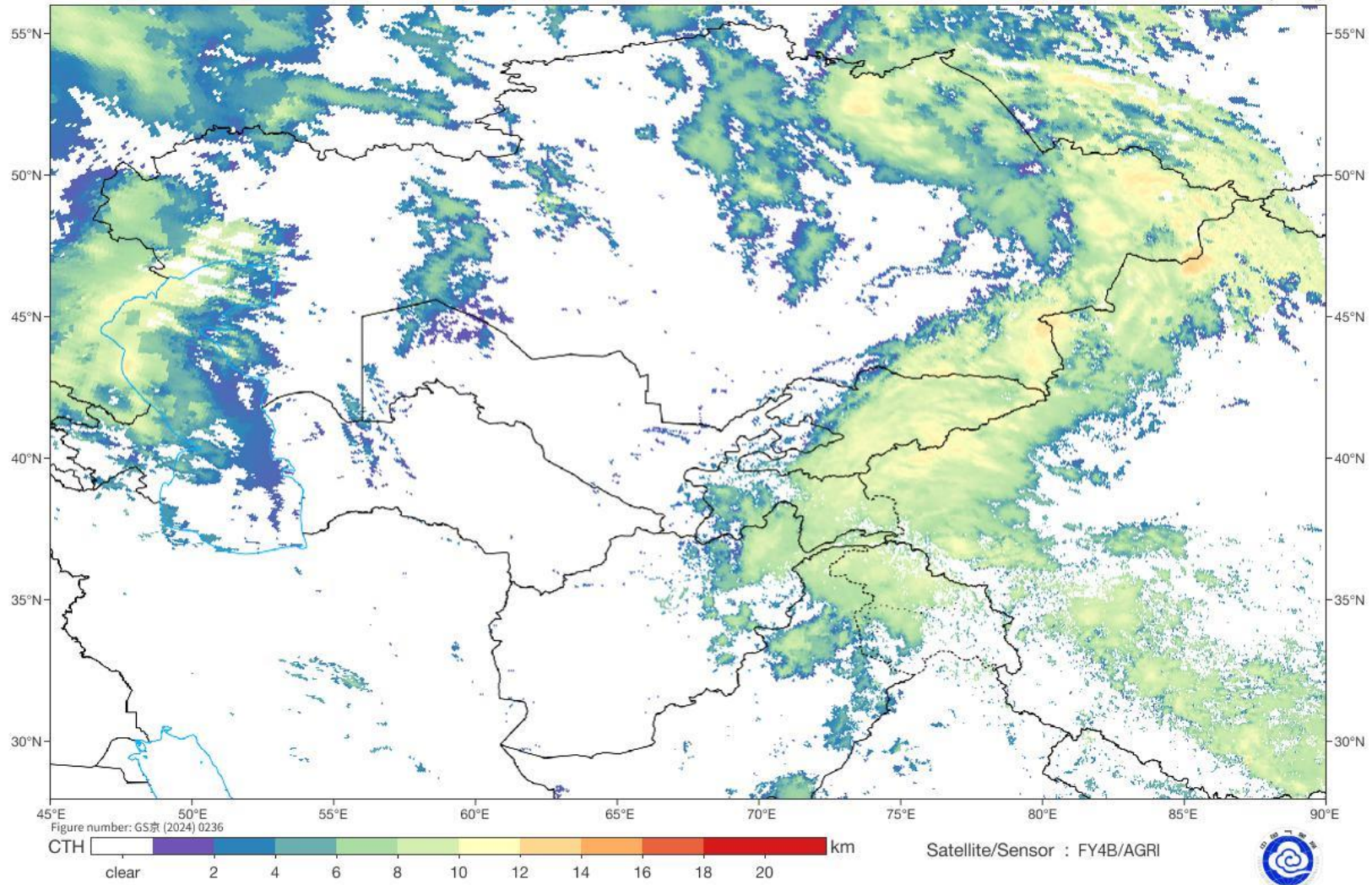


Live satellite map, Afghanistan



Cloud Top Height

2025-06-14 03:00(UTC)



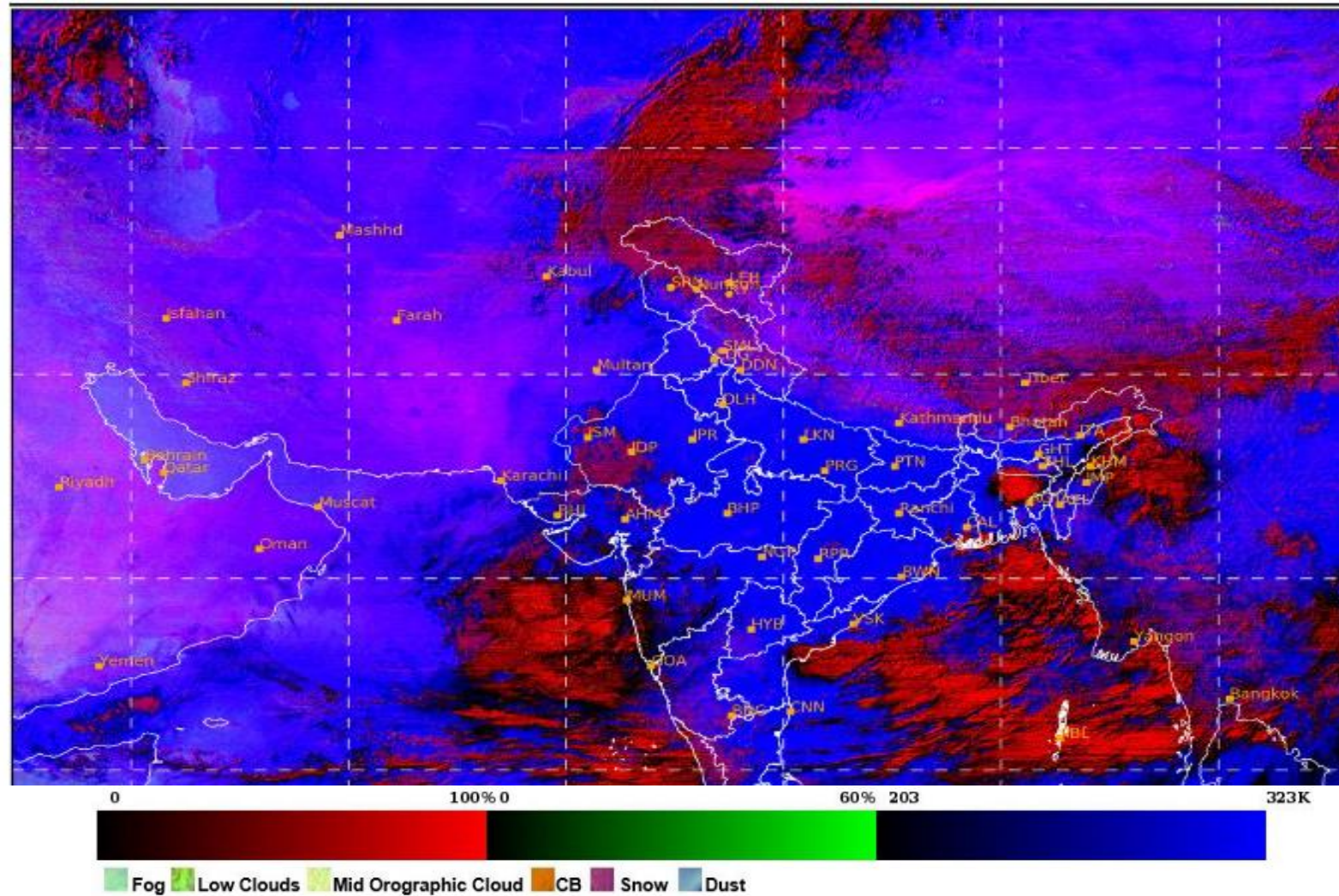
SAT : INSAT-3DR IMG

14-06-2025/(0245 to 0312) GMT

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

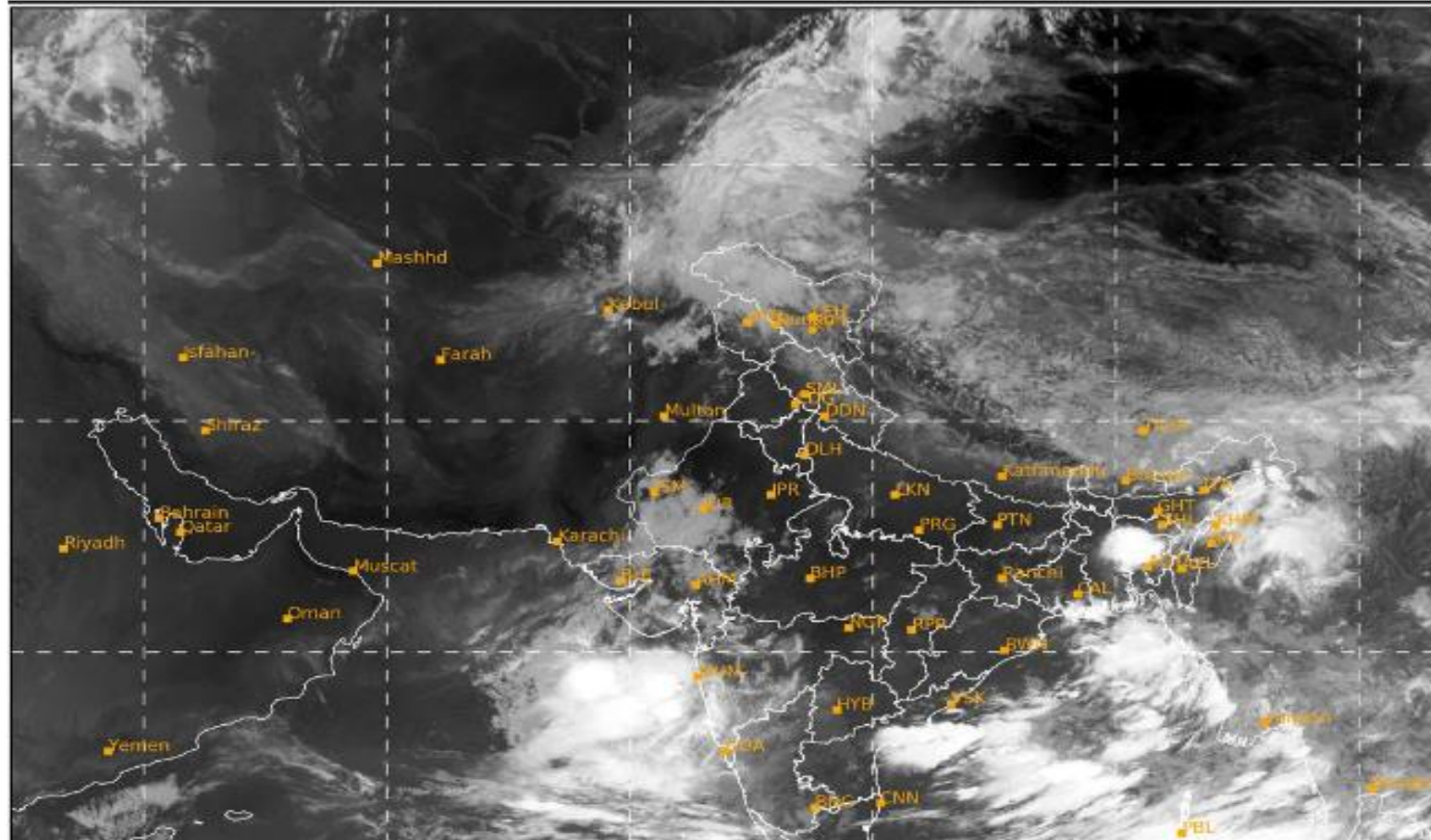
L1C Mercator

14-06-2025/(0815 to 0842) IST



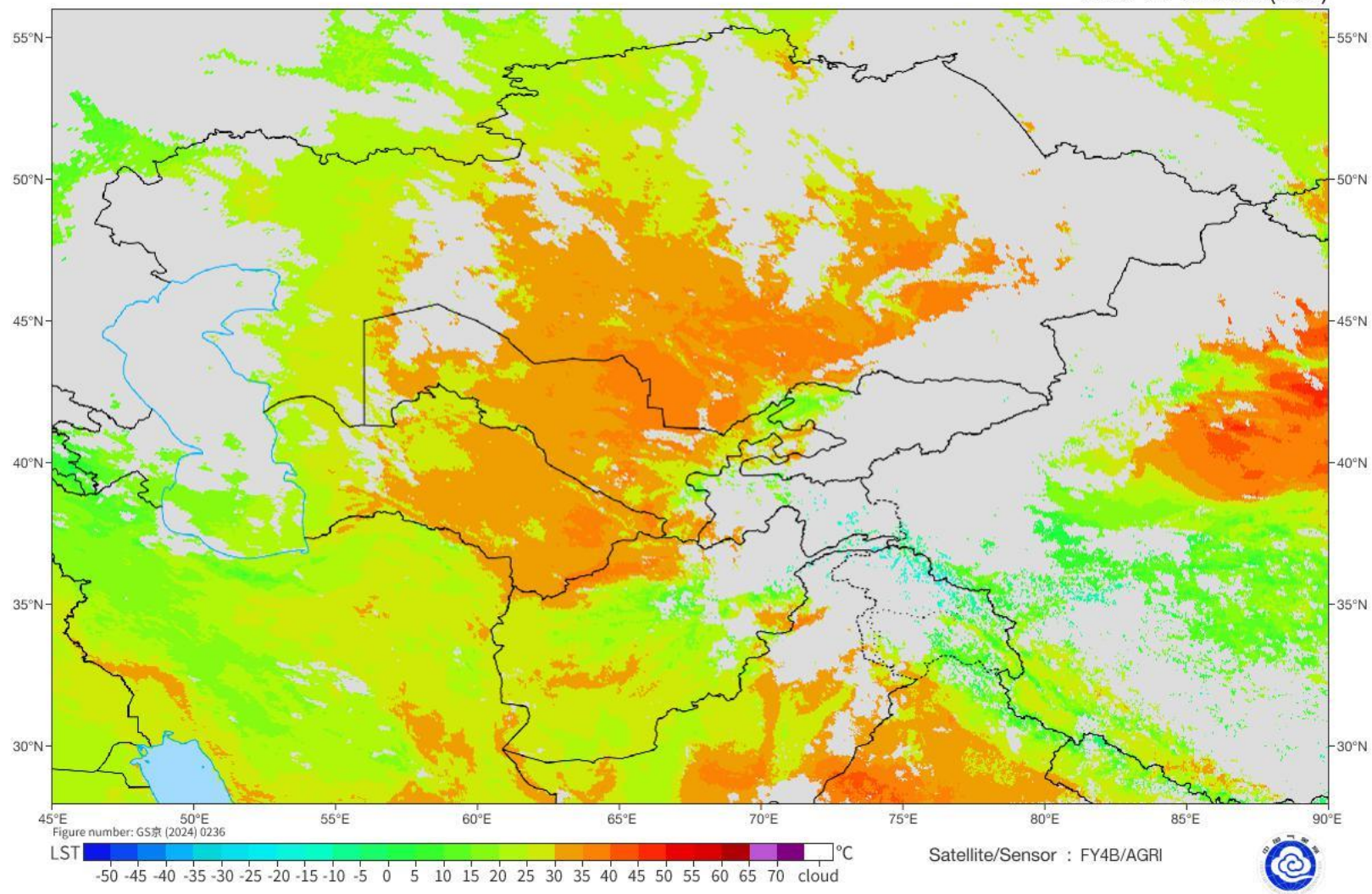
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

14-06-2025/(0245 to 0312) GMT
14-06-2025/(0815 to 0842) IST



Land Surface Temperature

2025-06-14 03:00(UTC)



Fog Identification

2025-06-14 03:00(UTC)

