



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



Daily reports of Satellite imagery analysis. Date & Time: 05/08/2025, 03:00 UTC

| 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 | ✓ Dry | X | X | |
| 3 | West | ✓ | ✓ | X | X | X | ✓ Dry | X | X | |
| 4 | East | ✓ | ✓ | X | X | X | ✓ Weak | X | X | |
| 5 | central | ✓ | ✓ | X | X | X | ✓ Dry | X | X | |
| 6 | Northeast | ✓ | X | X | X | X | ✓ Weak | X | X | |
| 7 | Southeast | ✓ | X | X | ✓ | X | ✓ Dry | X | X | |
| 8 | Northwest | ✓ | ✓ | X | X | X | ✓ Dry | X | X | |
| 9 | Southwest | ✓ | ✓ | X | X | X | ✓ Dry | X | X | |

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

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

- Reported by: Sayed Taher Atlas

UTC : 2025-08-05 00:15

AirMass



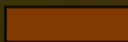
Thick,
high-level cloud



Thick,
mid-level cloud



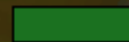
Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

R = WV (6.25) - WV (7.1)

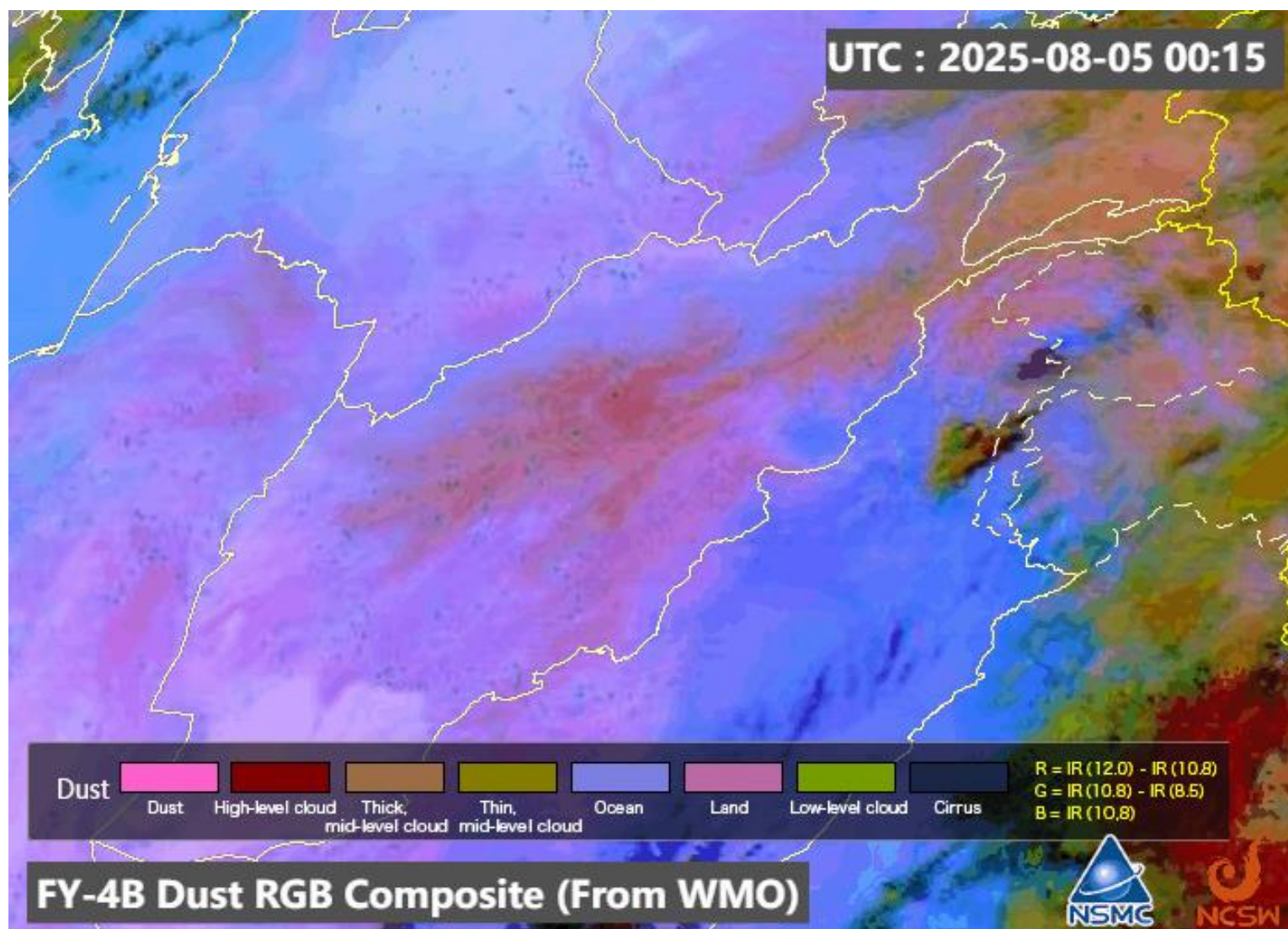
G = IR (9.5) - IR (10.8)

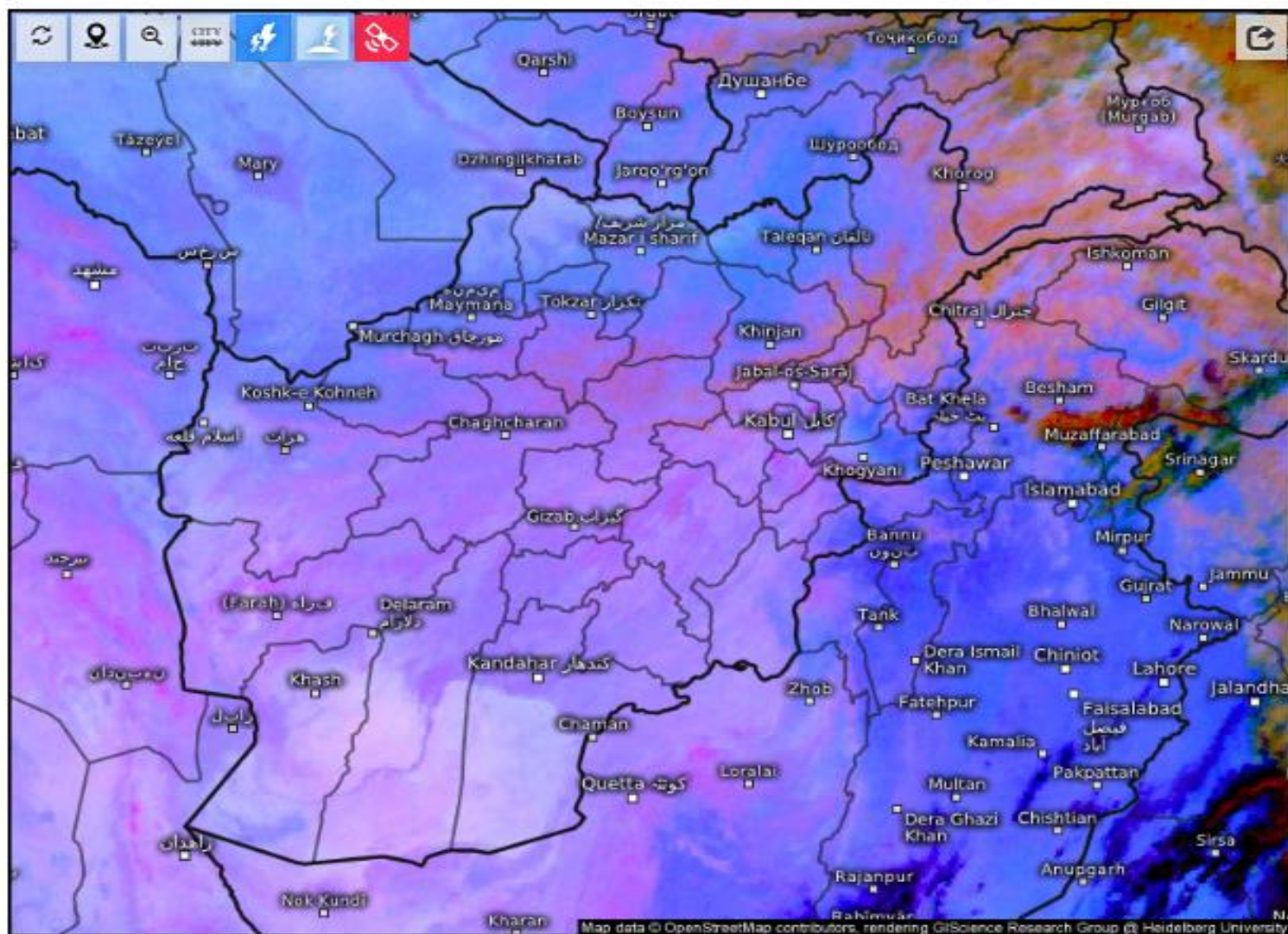
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



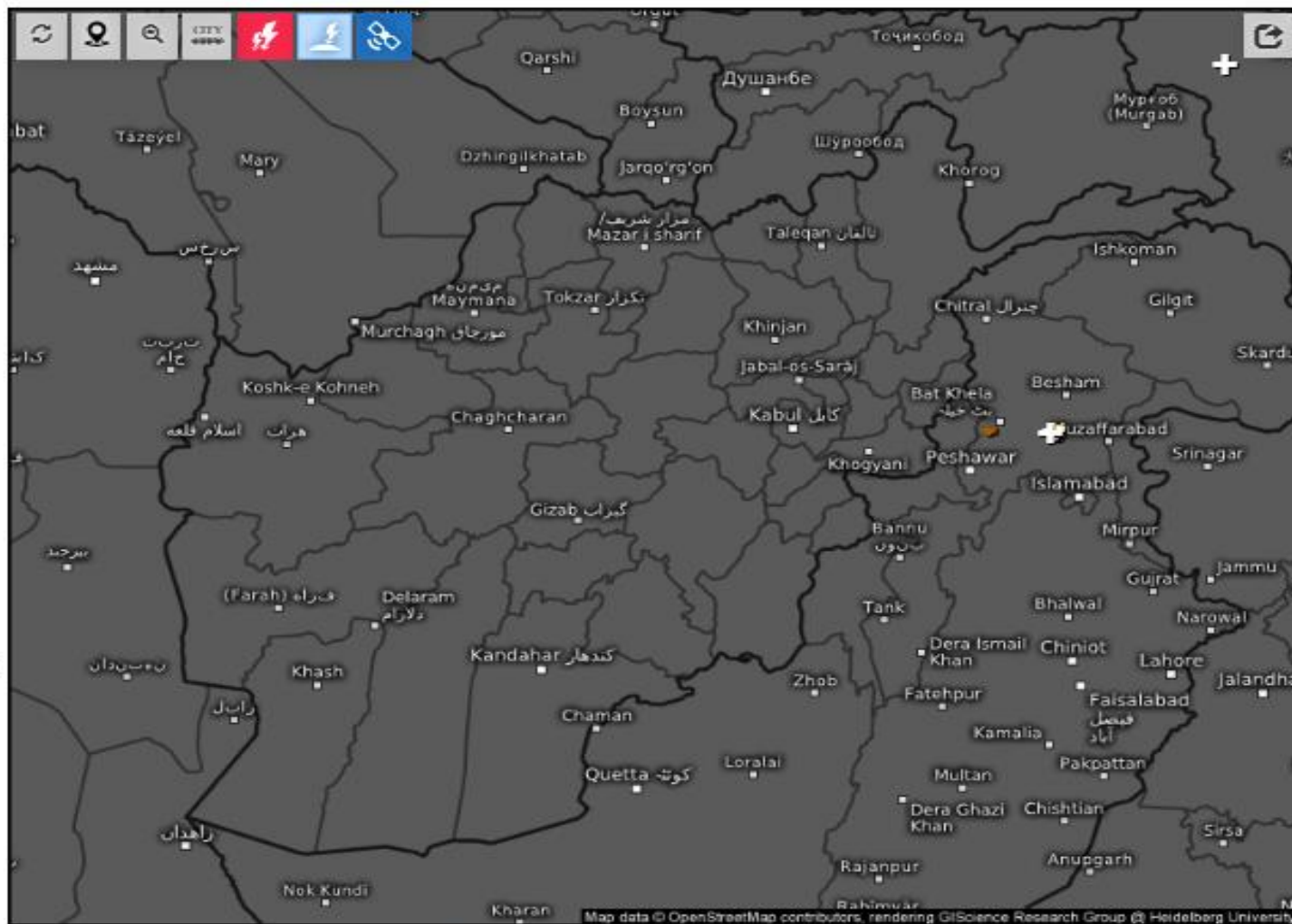
UTC : 2025-08-05 00:15





Satellite Dust 

Tue 08/05/2025, 07:30am GMT+0430

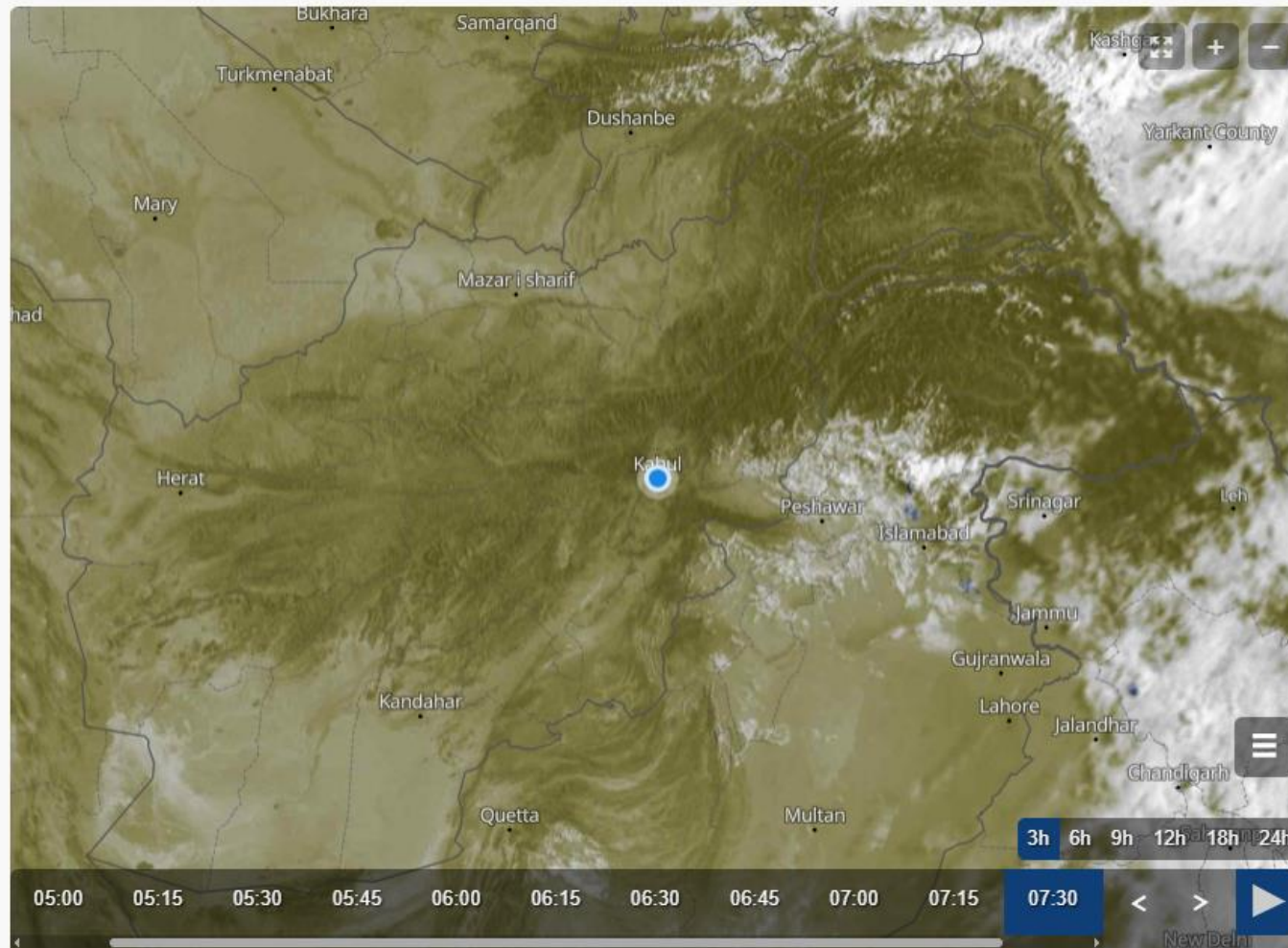


Age of lightning (minutes) 

Tue 08/05/2025, 07:30am GMT+0430

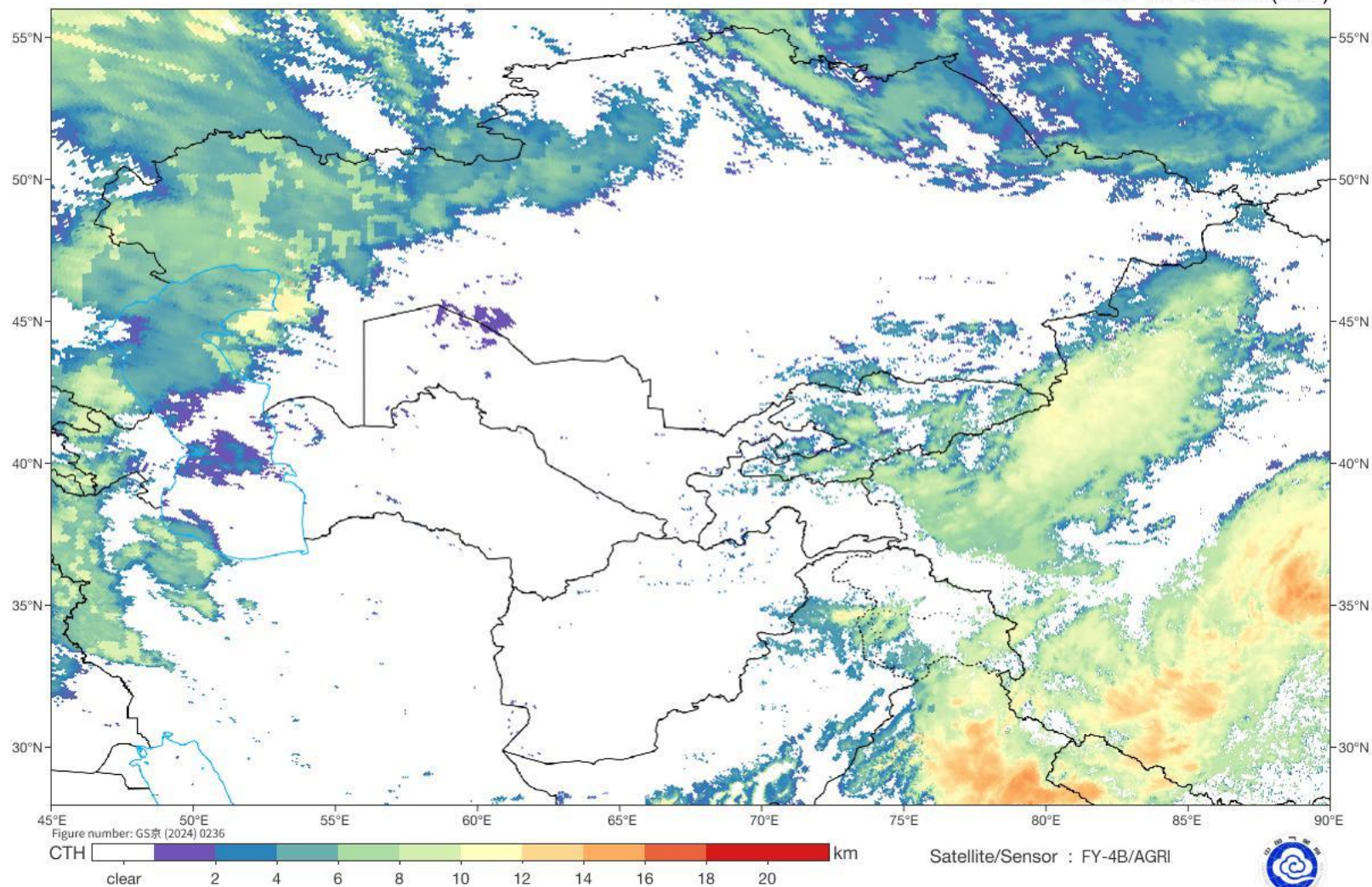


Live satellite map, Afghanistan



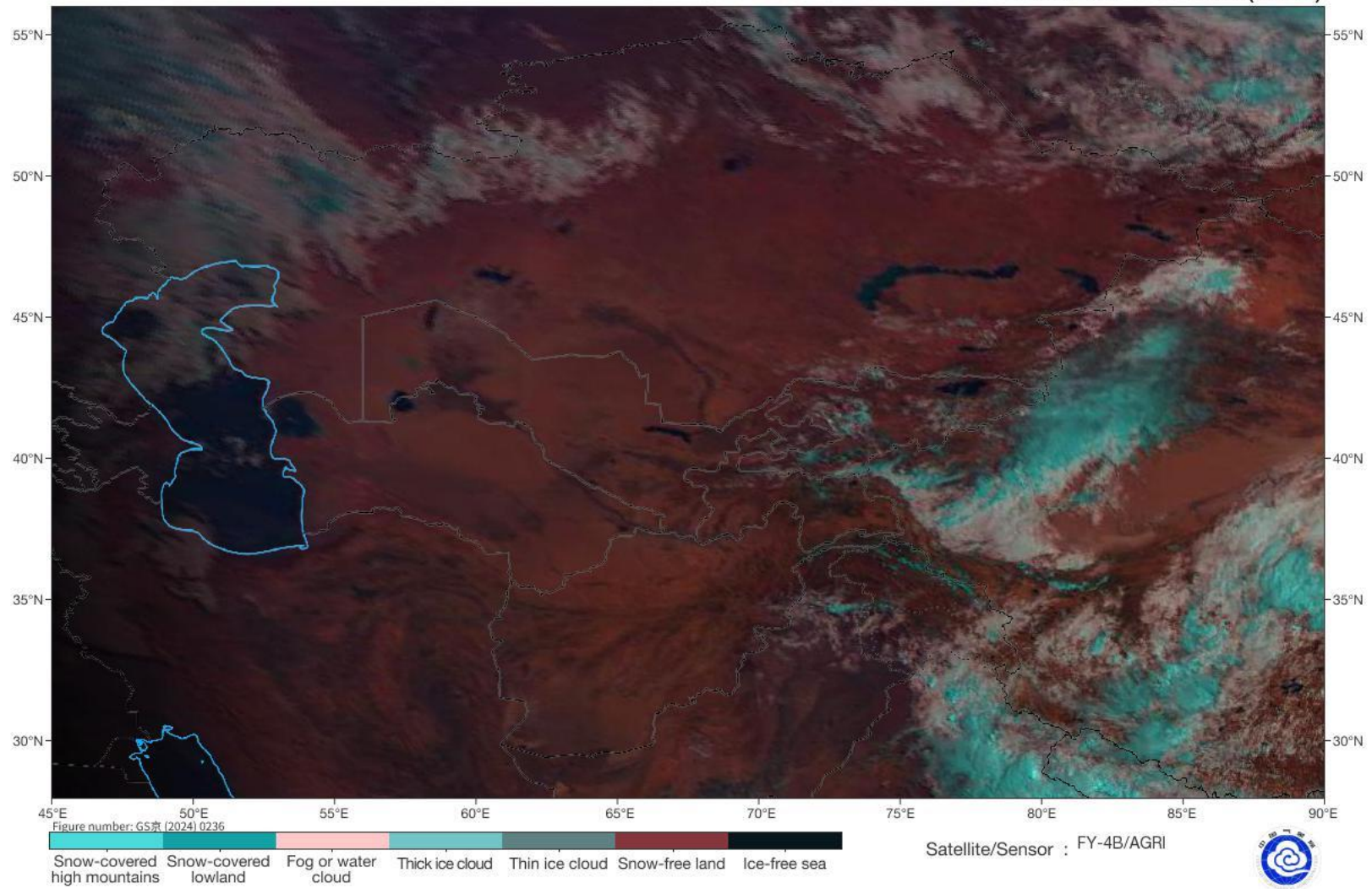
Cloud Top Height

2025-08-05 03:00(UTC)



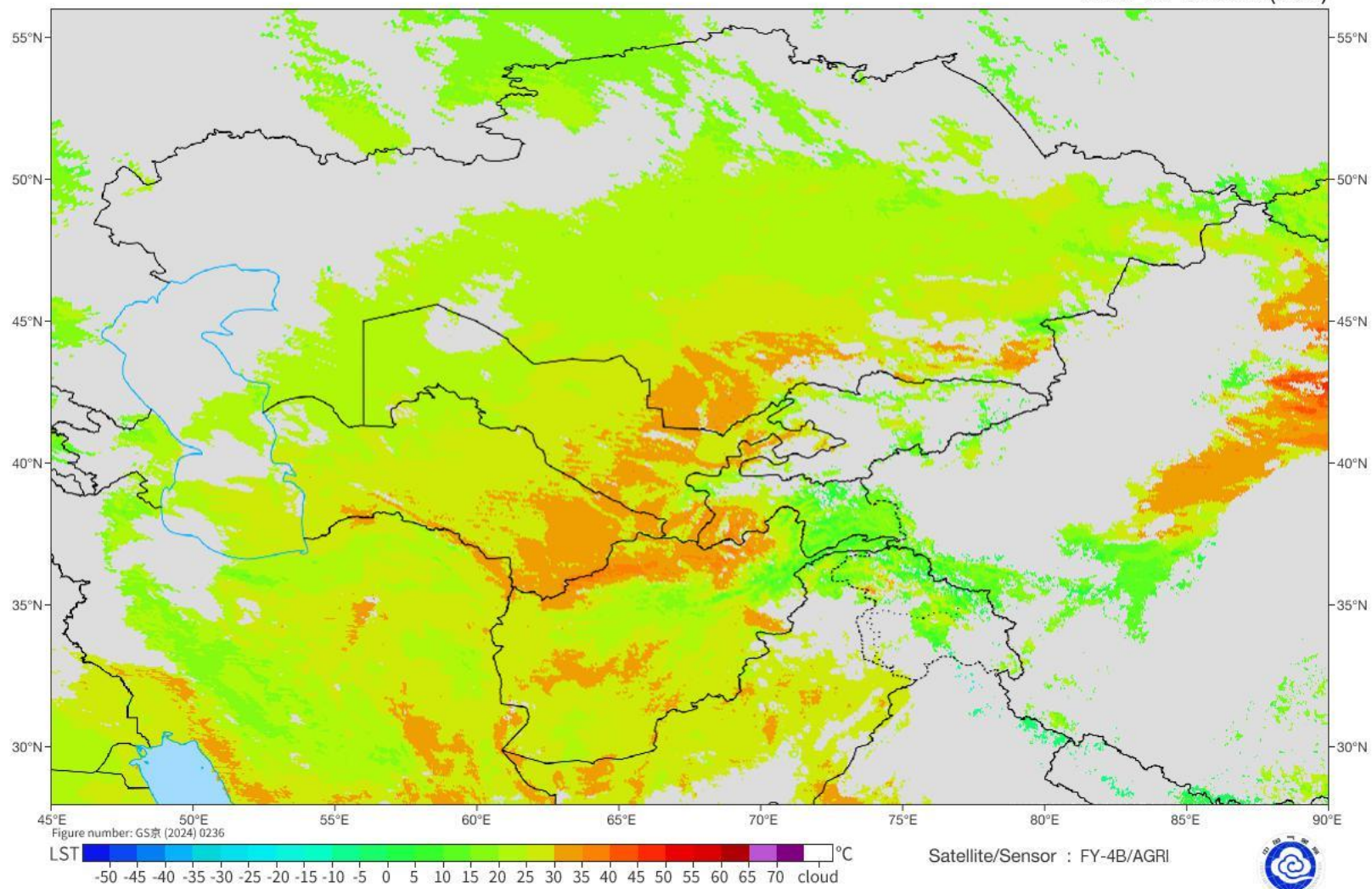
Fog Identification

2025-08-05 03:00(UTC)



Land Surface Temperature

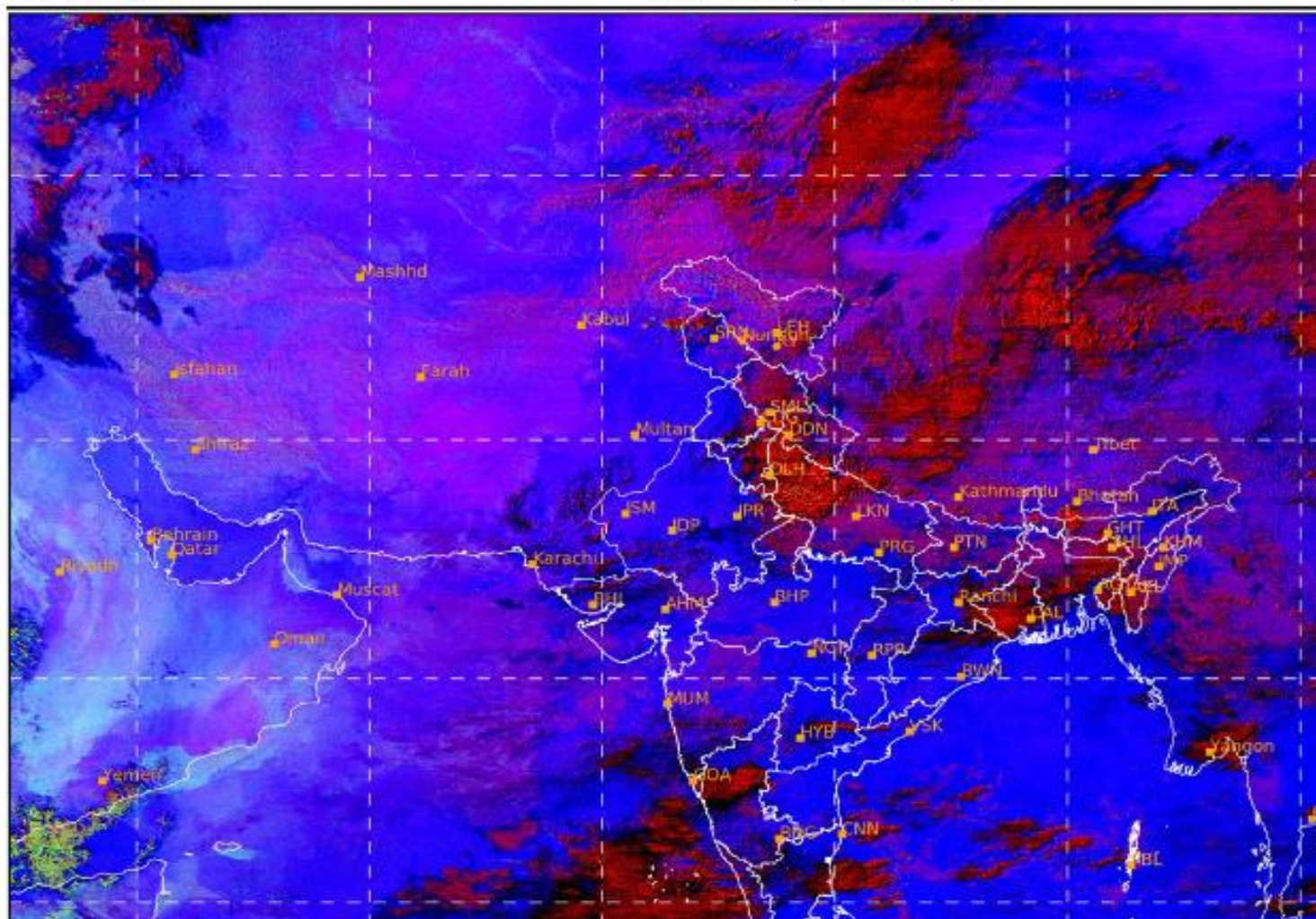
2025-08-05 03:00(UTC)

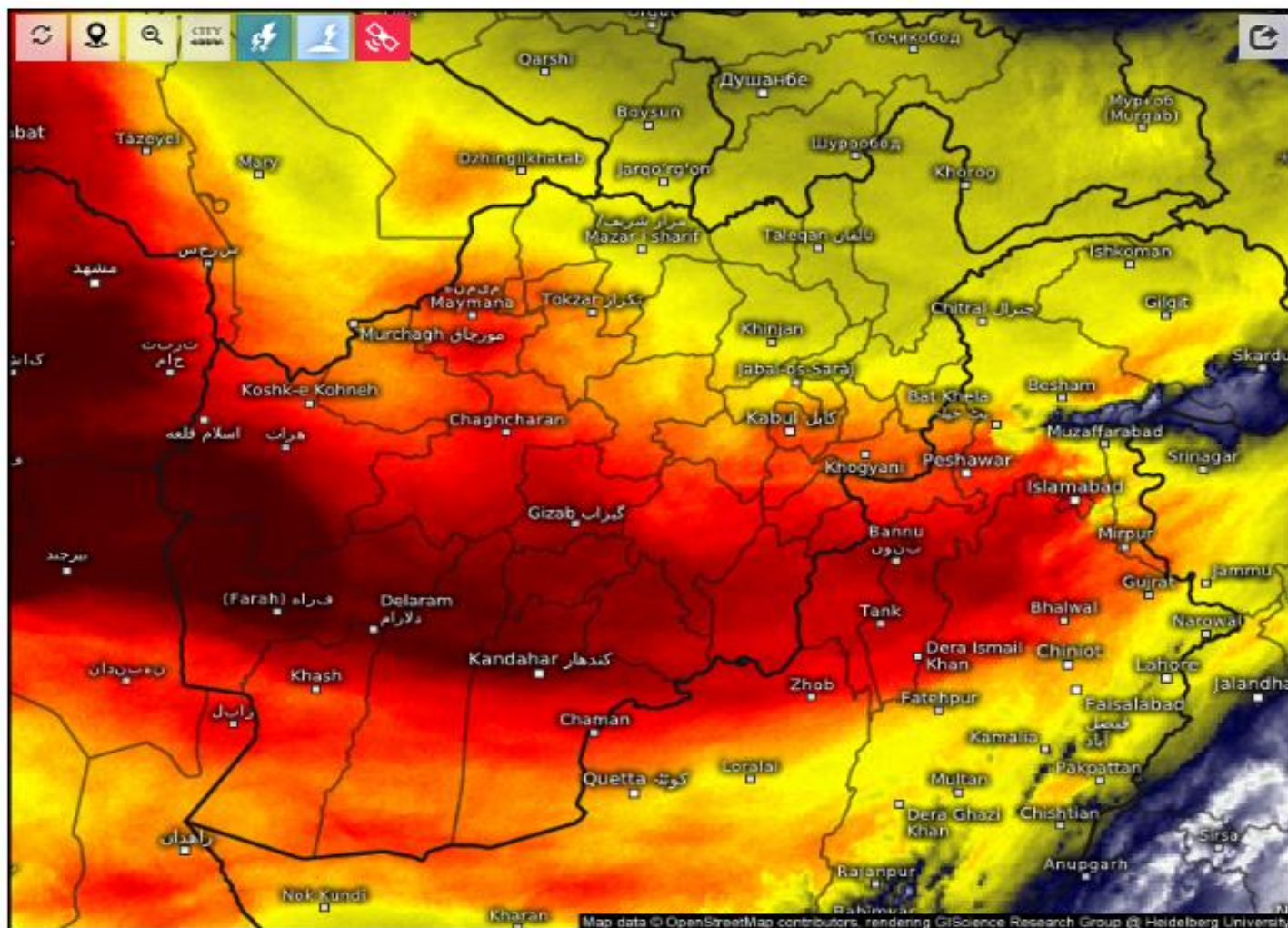


05-08-2025/(0215 to 0242) GMT

R_BT (C), TIR1_BT (B)

05-08-2025/(0745 to 0812) IST





Satellite Water Vapor

Tue 08/05/2025, 07:30am GMT+0430

