



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



Daily reports of Satellite imagery analysis. Date & Time: 11/04/2026, 03:00 UTC

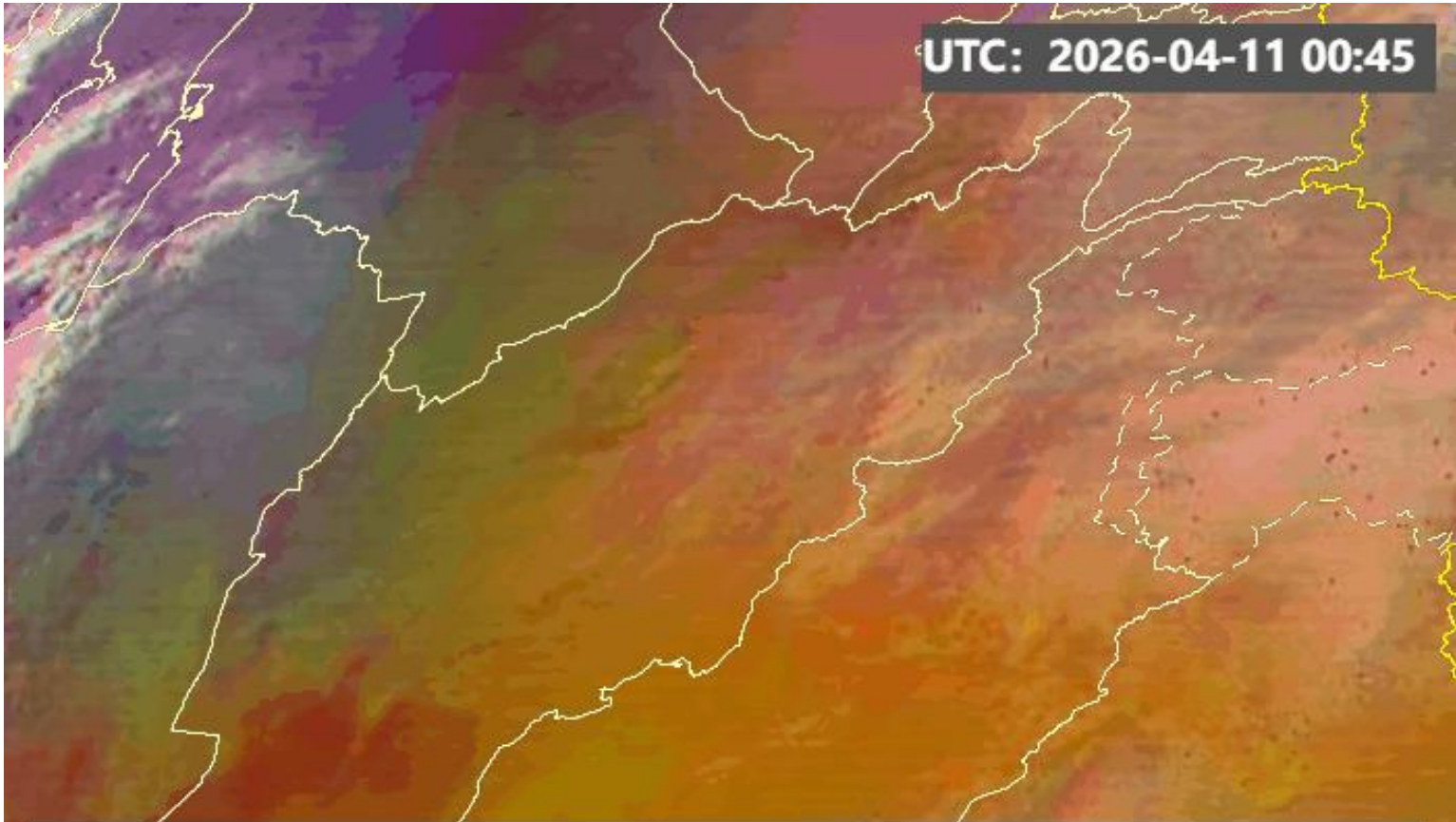
| No | Region    | Air Mass | Dust Storm | Thunder storm | Cloud | Fog | Water Vapor | Cyclone & Anticyclone | Jetstream | Comments |
|----|-----------|----------|------------|---------------|-------|-----|-------------|-----------------------|-----------|----------|
| 1  | North     | ✓        | X 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

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

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

- Reported by: Sayed Taher Atlas

UTC: 2026-04-11 00:45



**AirMass**

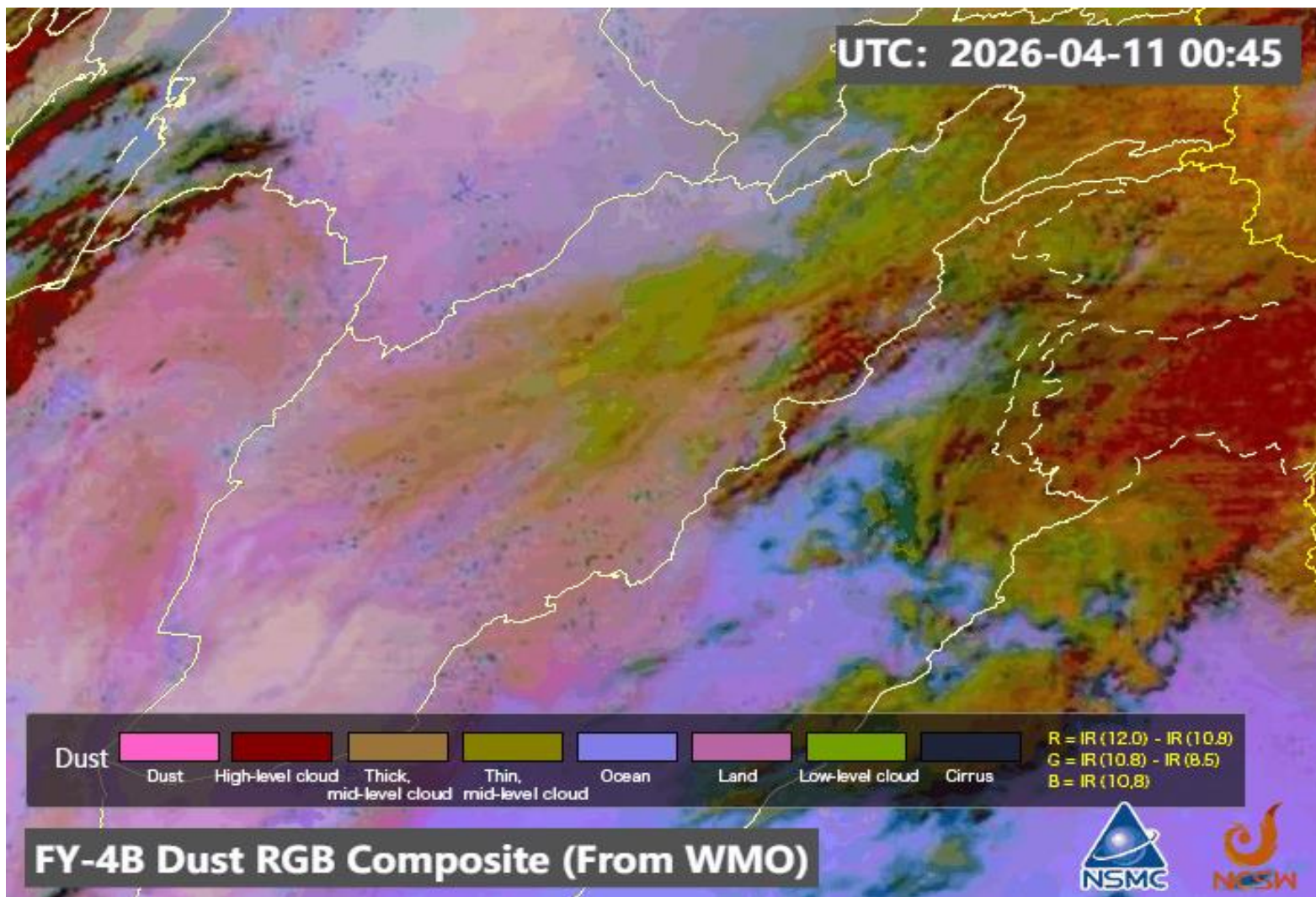
|   |   |   |  |   |   |   |
|---|---|---|--|---|---|---|
|  |  |  |  |  |  |  |
| Thick,<br>high-level cloud  | Thick,<br>mid-level cloud   | Thick,<br>low-level cloud   | Jet  | Cold Airmass  | Warm Airmass<br>(high UTH)  | Warm Airmass<br>(low UTH)   |

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)**

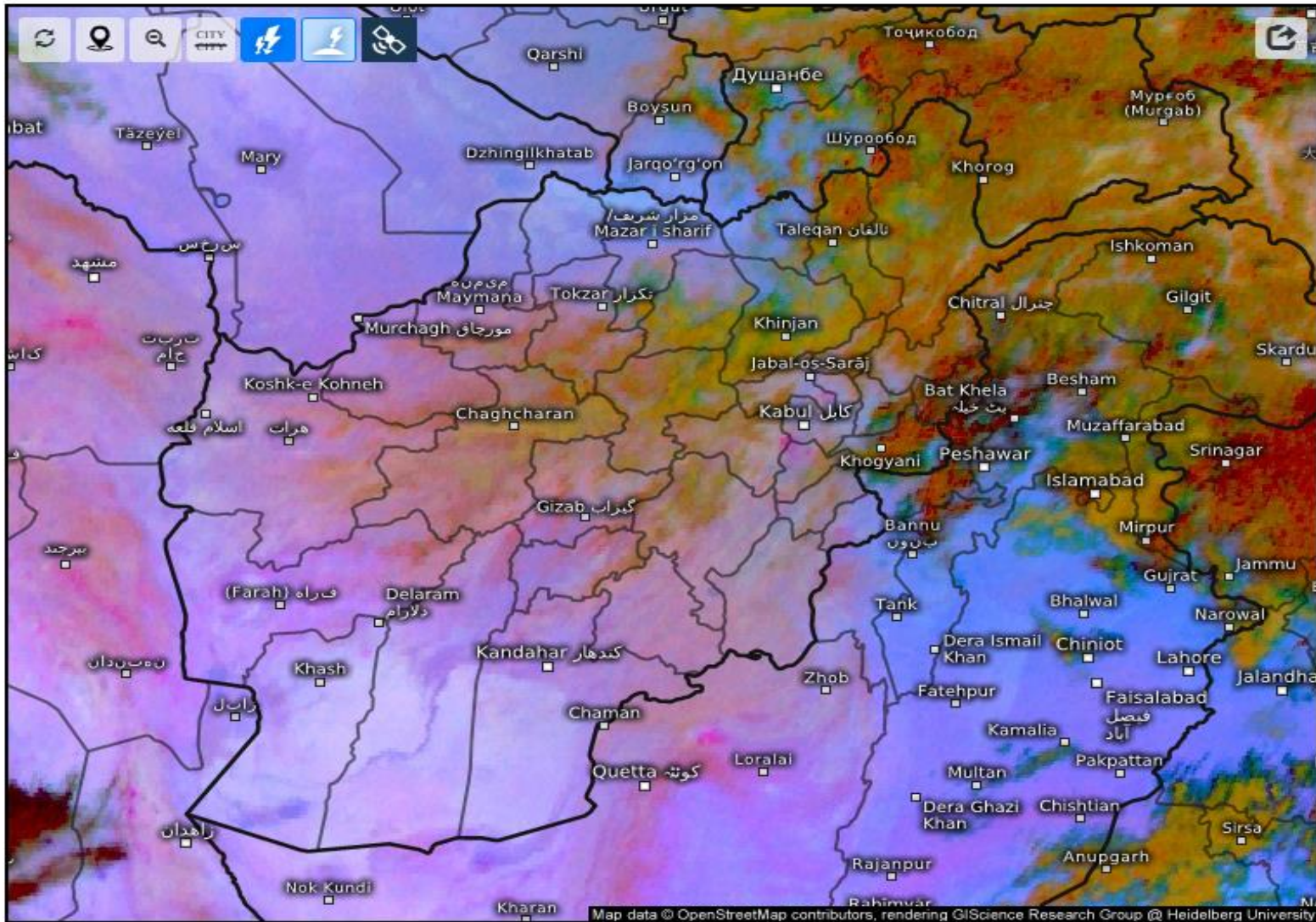


UTC: 2026-04-11 00:45



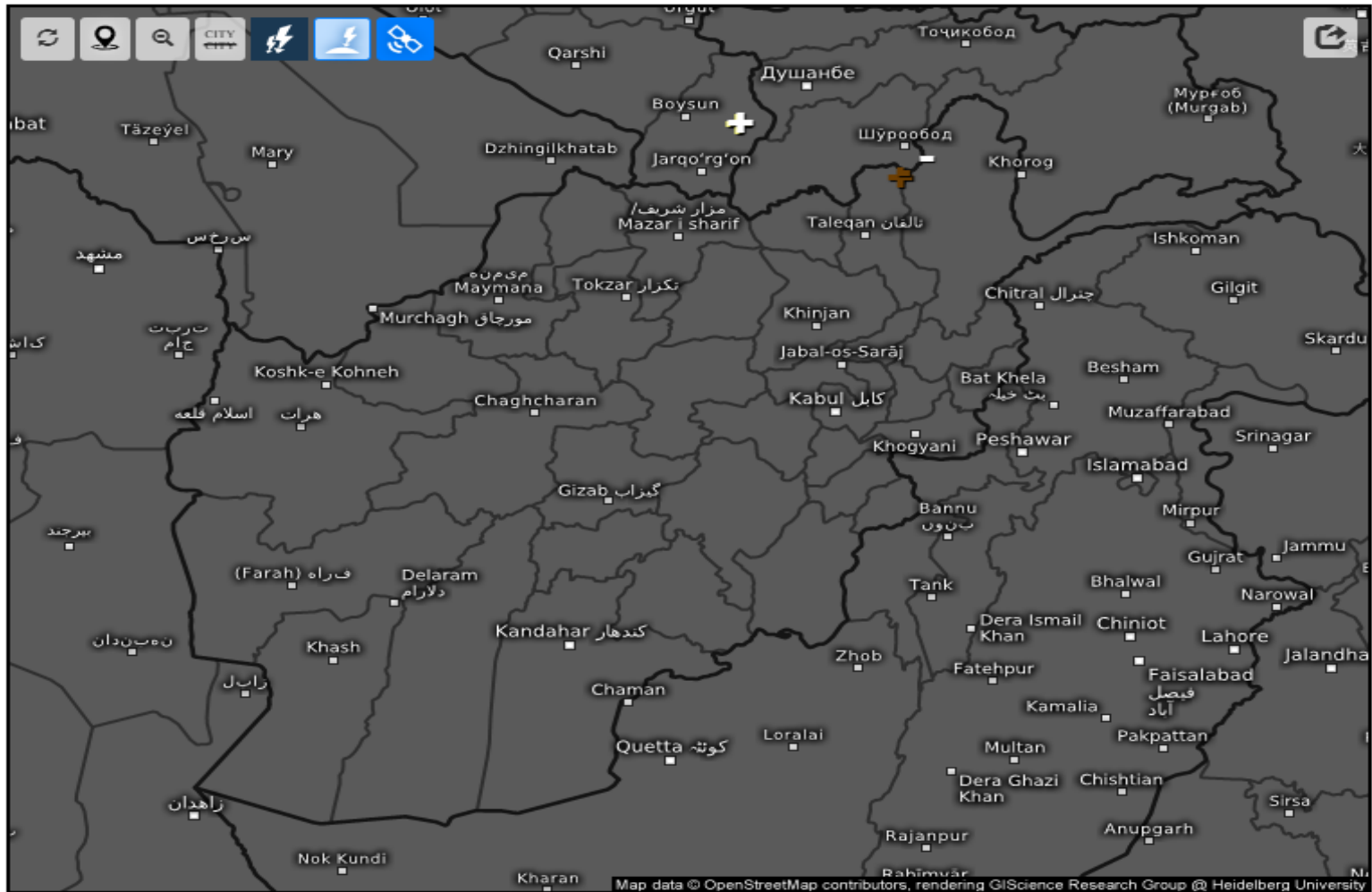
**FY-4B Dust RGB Composite (From WMO)**





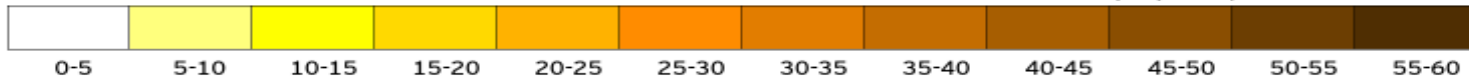
## Satellite Dust

Sat 04/11/2026, 07:30am GMT+0430



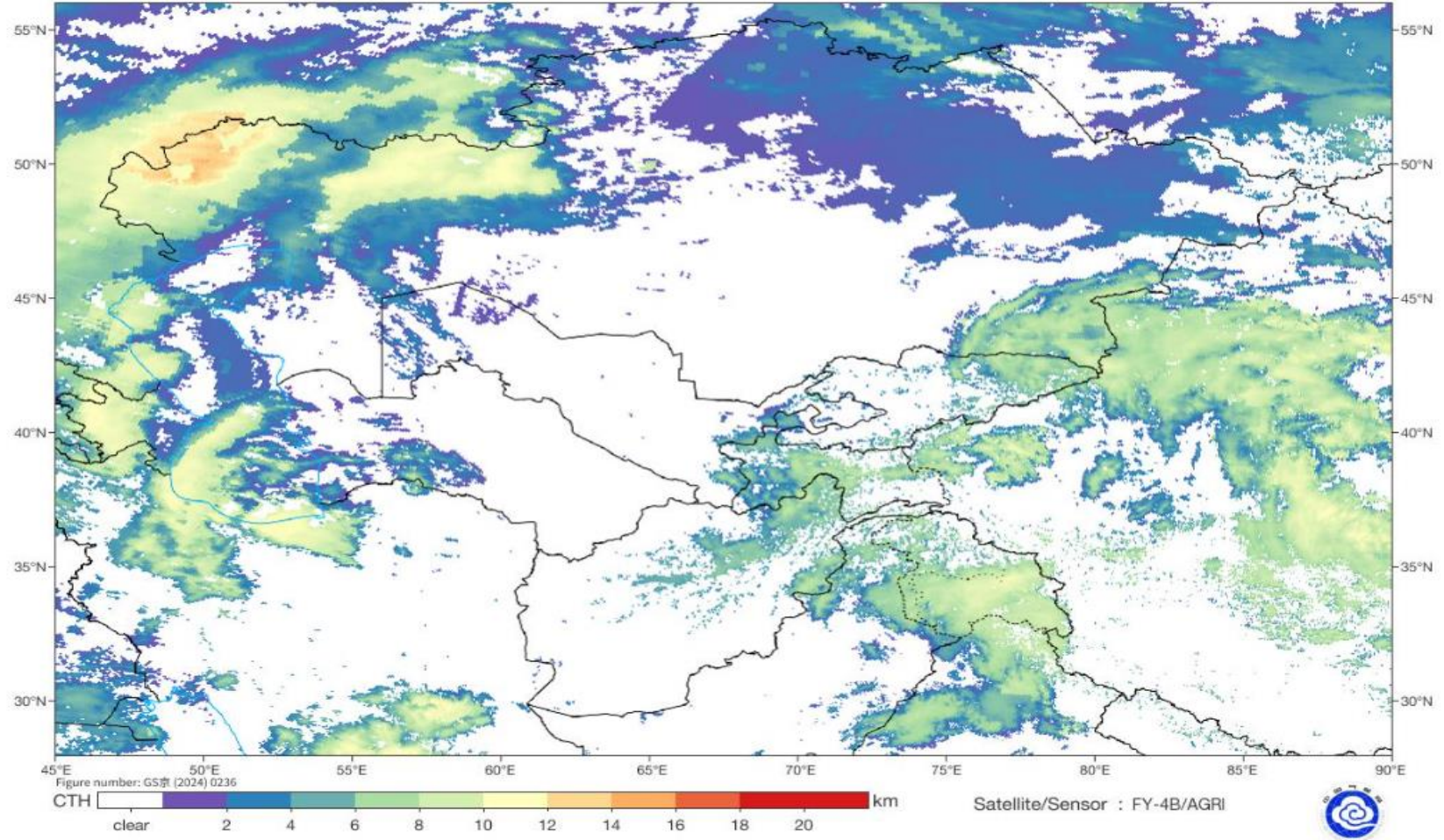
Age of lightning (minutes) 

Sat 04/11/2026, 07:30am GMT+0430

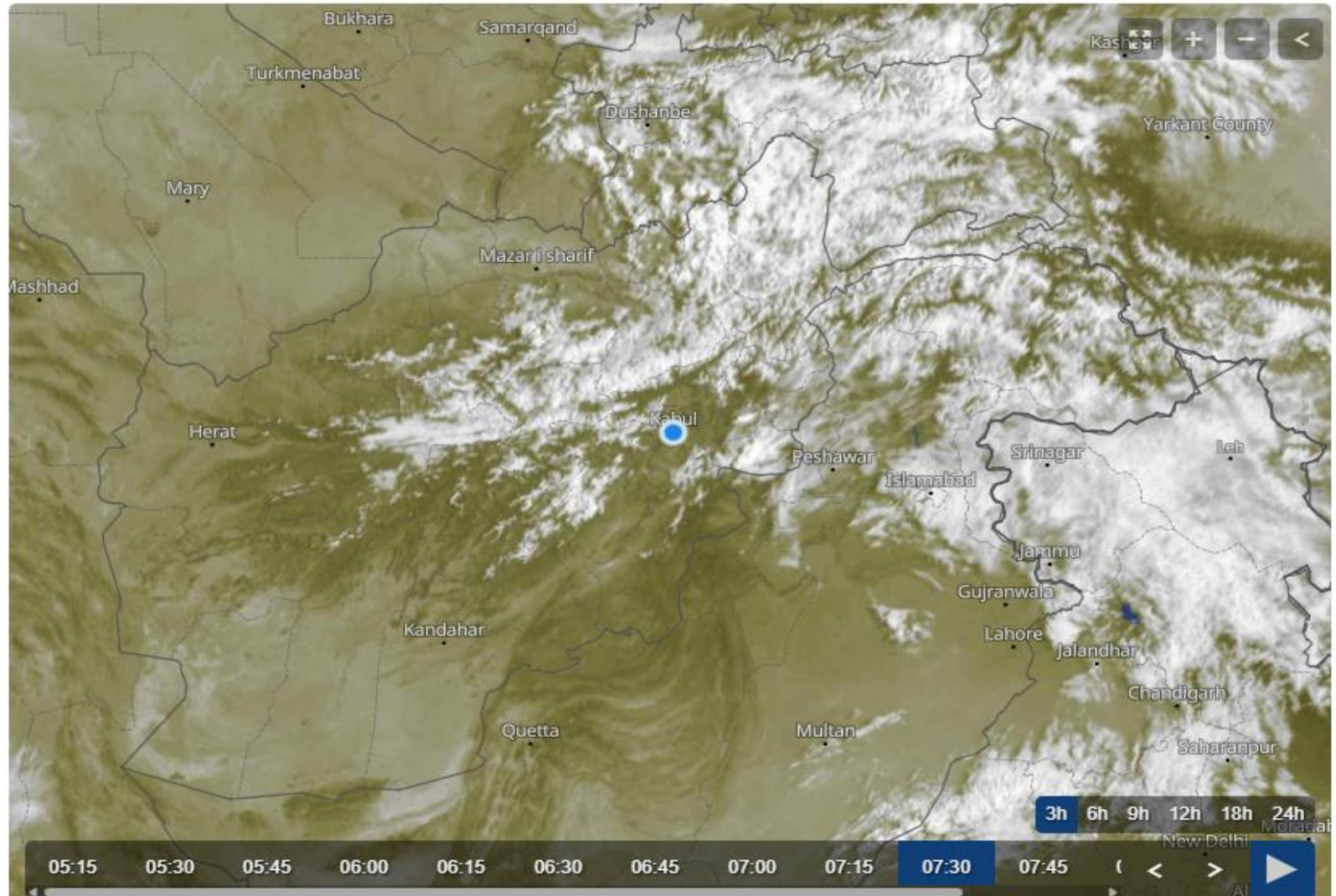


# Cloud Top Height

2026-04-11 03:00(UTC)

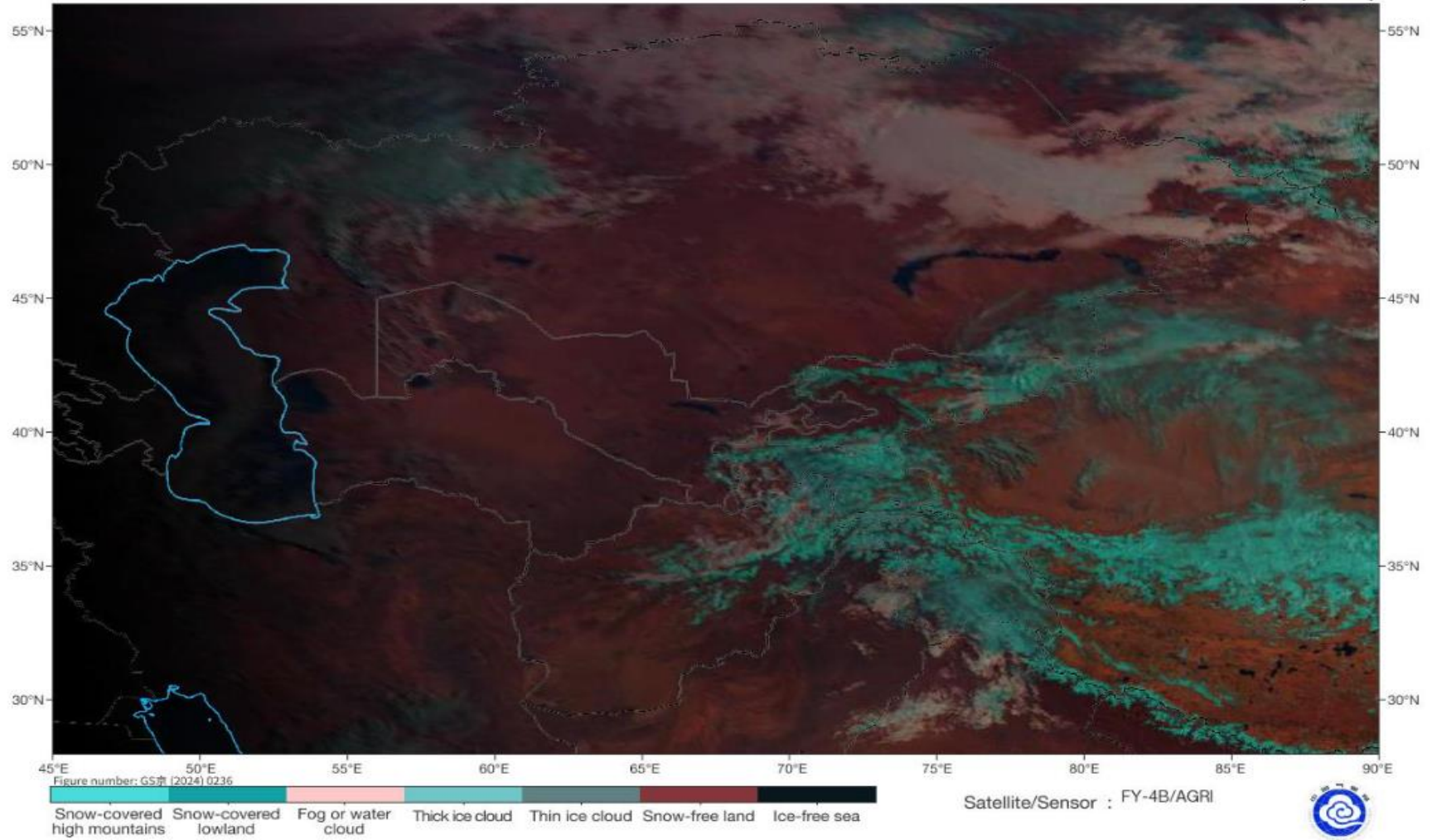


## Live satellite map, Afghanistan

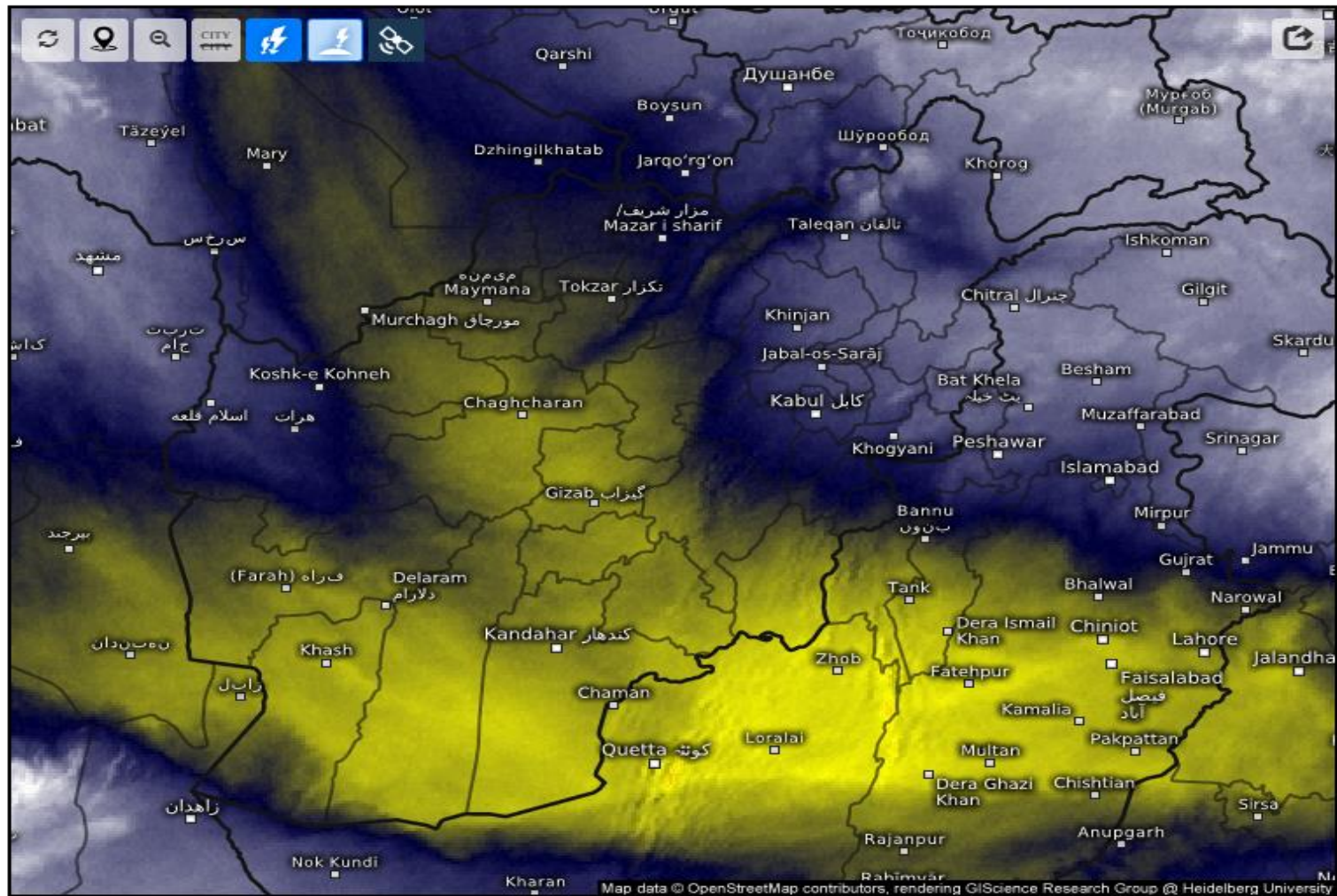


# Fog Identification

2026-04-11 03:00(UTC)

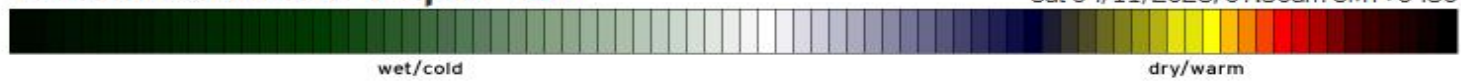






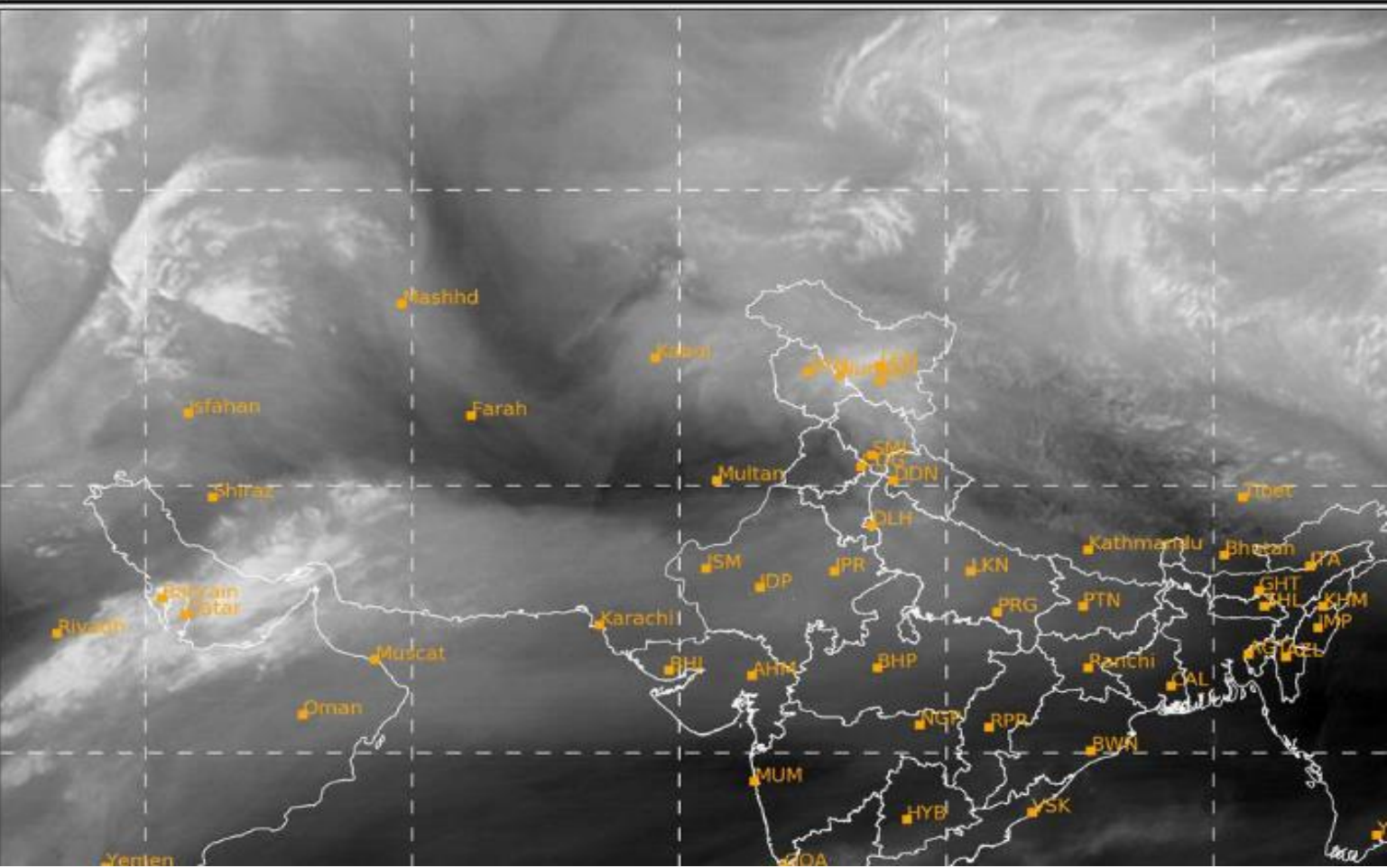
### Satellite Water Vapor

Sat 04/11/2026, 07:30am GMT+0430



SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
L1C Mercator

11-04-2026/(0245 to 0312) GMT  
11-04-2026/(0815 to 0842) IST



# Land Surface Temperature

2026-04-11 03:00(UTC)

