



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



Daily reports of Satellite imagery analysis. Date & Time: 24/11/2025, 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     | 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     | X   | √ weak      | X                     | X         |          |
| 6  | Northeast | ✓        | X          | X             | X     | X   | √ weak      | X                     | X         |          |
| 7  | Southeast | ✓        | X          | X             | X     | X   | √ weak      | X                     | X         |          |
| 8  | Northwest | ✓        | X          | X             | X     | X   | √ weak      | X                     | X         |          |
| 9  | Southwest | ✓        | X          | X             | X     | X   | √ weak      | X                     | X         |          |

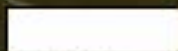
- **Details:** According to satellite imagery analysis, the all regions have warm air mass with (low UTH). The western and central areas have dust. The all regions have weak water vapor.

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

- Reported by: Esmatullah Mohammadi

UTC : 2025-11-23 19:15

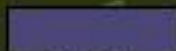
AirMass



Thick,  
high-level cloud



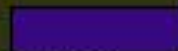
Thick,  
mid-level cloud



Thick,  
low-level cloud



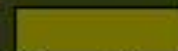
Jet



Cold Airmass



Warm Airmass  
(high UTH)



Warm Airmass  
(low UTH)

R = WV (6.25)

G = IR (8.5)

B = WV (6.25)

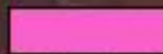
FY-4B AirMass RGB Composite (From WMO)



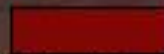


UTC : 2025-11-23 19:30

Dust



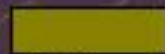
Dust



High-level cloud



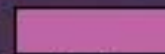
Thick,  
mid-level cloud



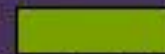
Thin,  
mid-level cloud



Ocean



Land



Low-level cloud



Cirrus

R = IR (12.0) - IR (10.8)  
G = IR (10.8) - IR (10.4)  
B = IR (10.8)

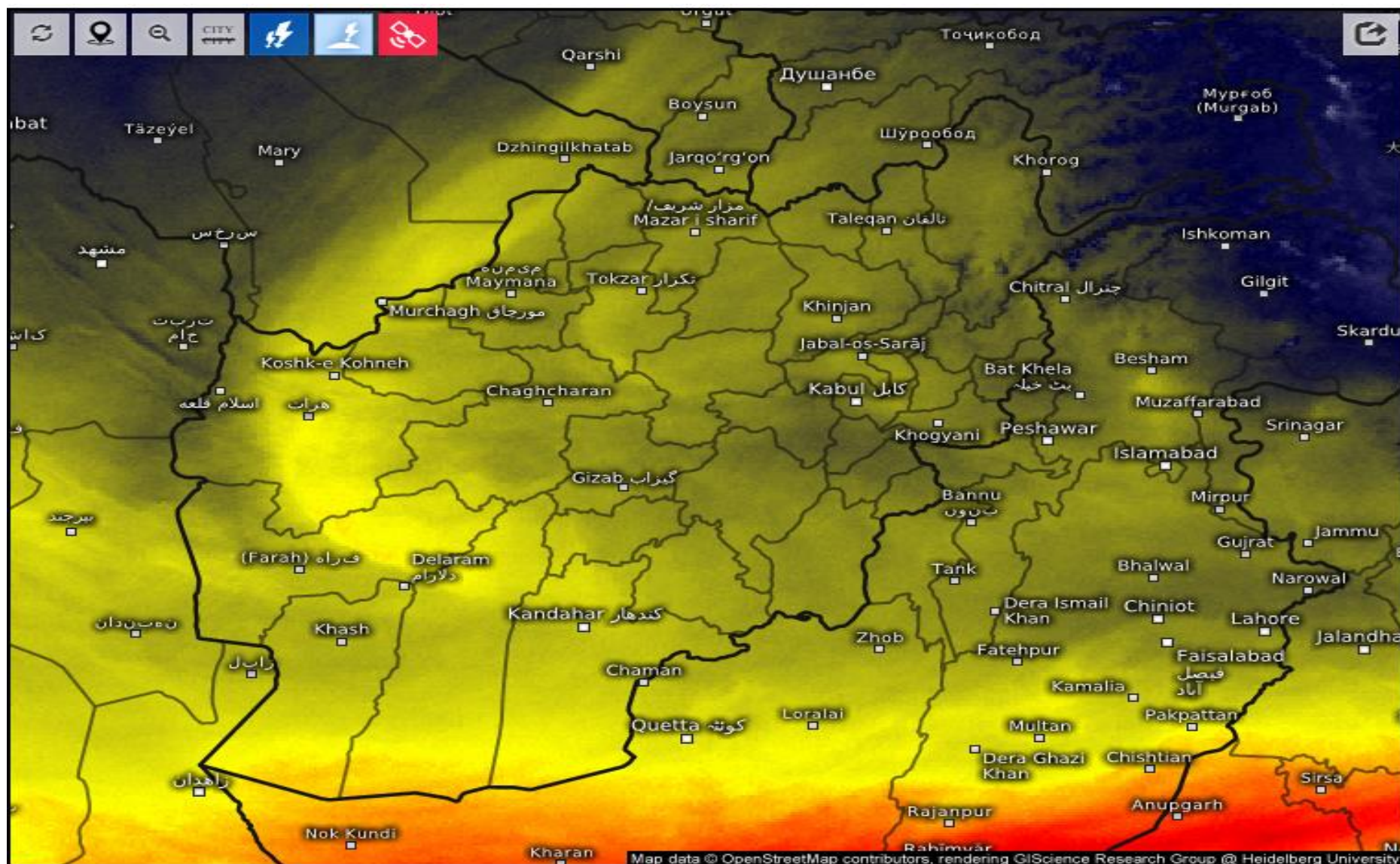
FY-4B Dust RGB Composite (From WMO)





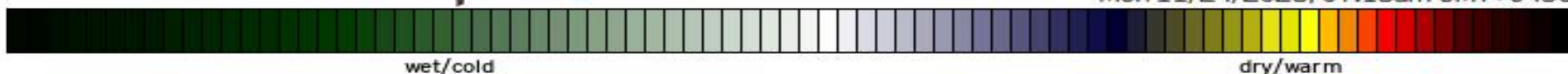






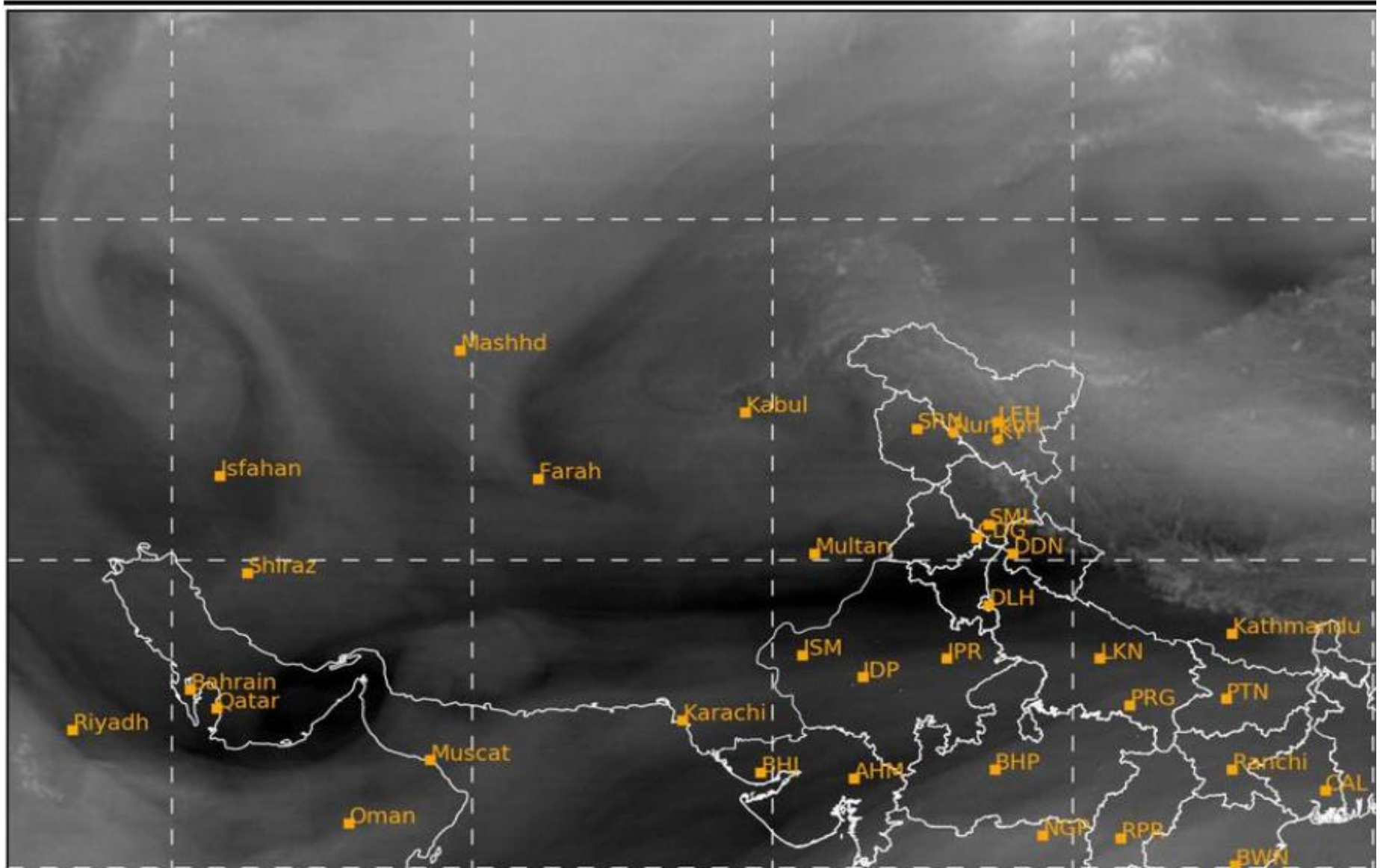
## Satellite Water Vapor

Mon 11/24/2025, 07:15am GMT+0430

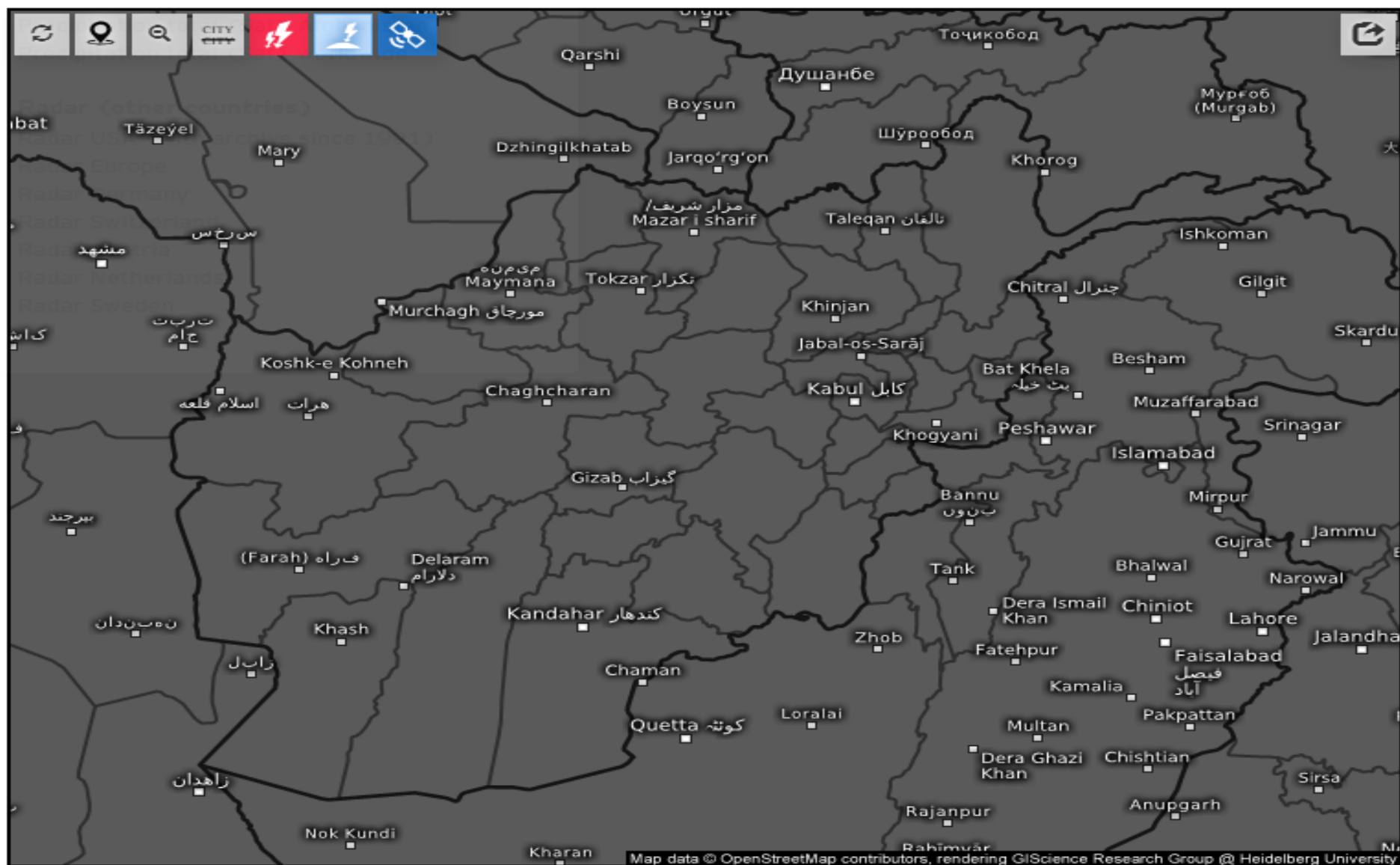


SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
L1C Mercator

24-11-2025/(0315 to 0342) GMT  
24-11-2025/(0845 to 0912) IST

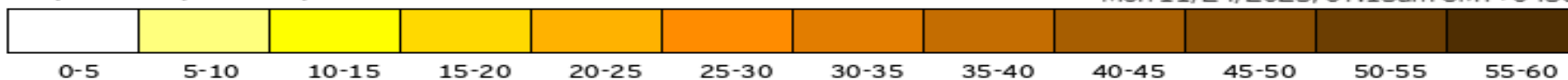






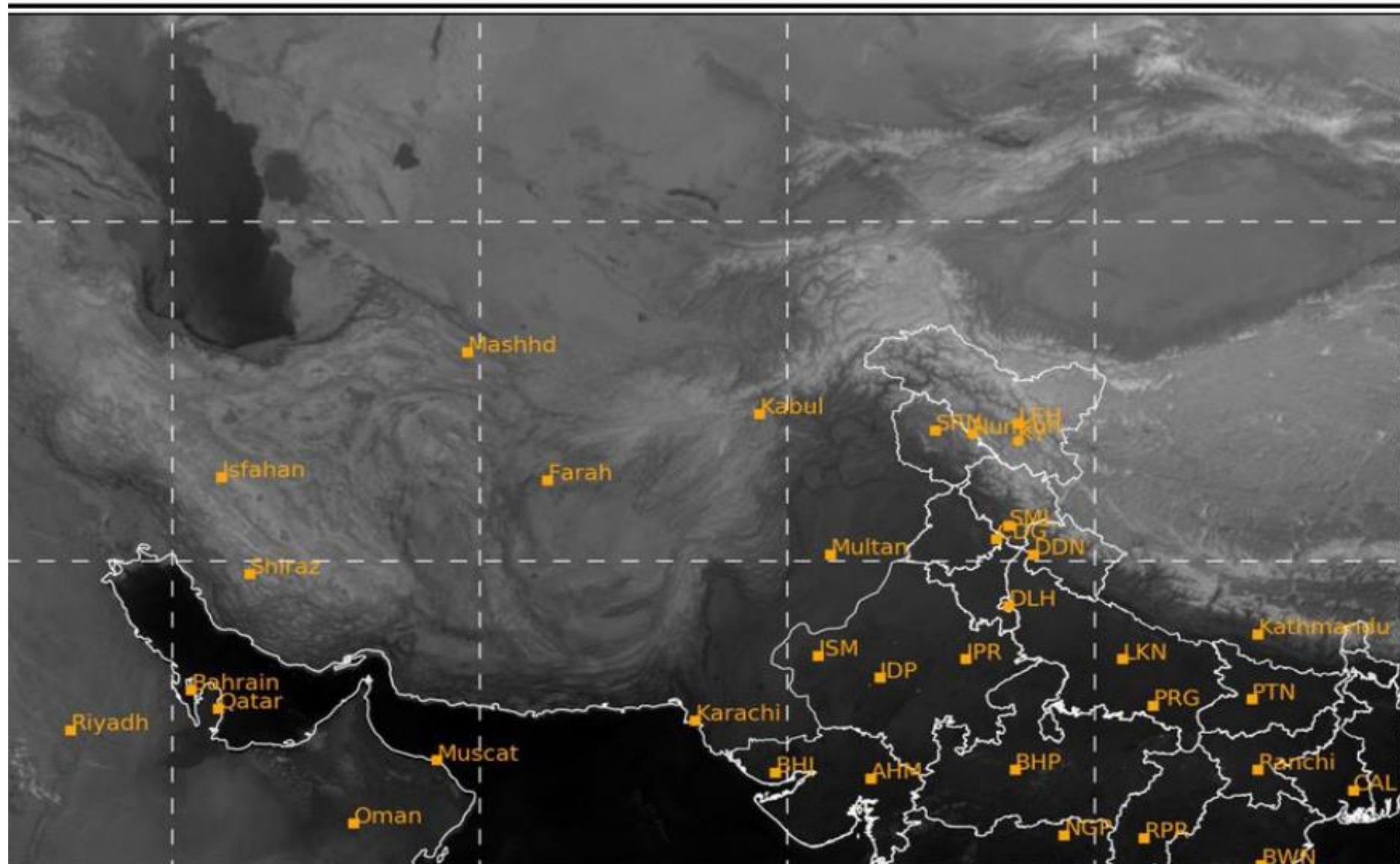
Age of lightning (minutes) 

Mon 11/24/2025, 07:15am GMT+0430



SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
L1C Mercator

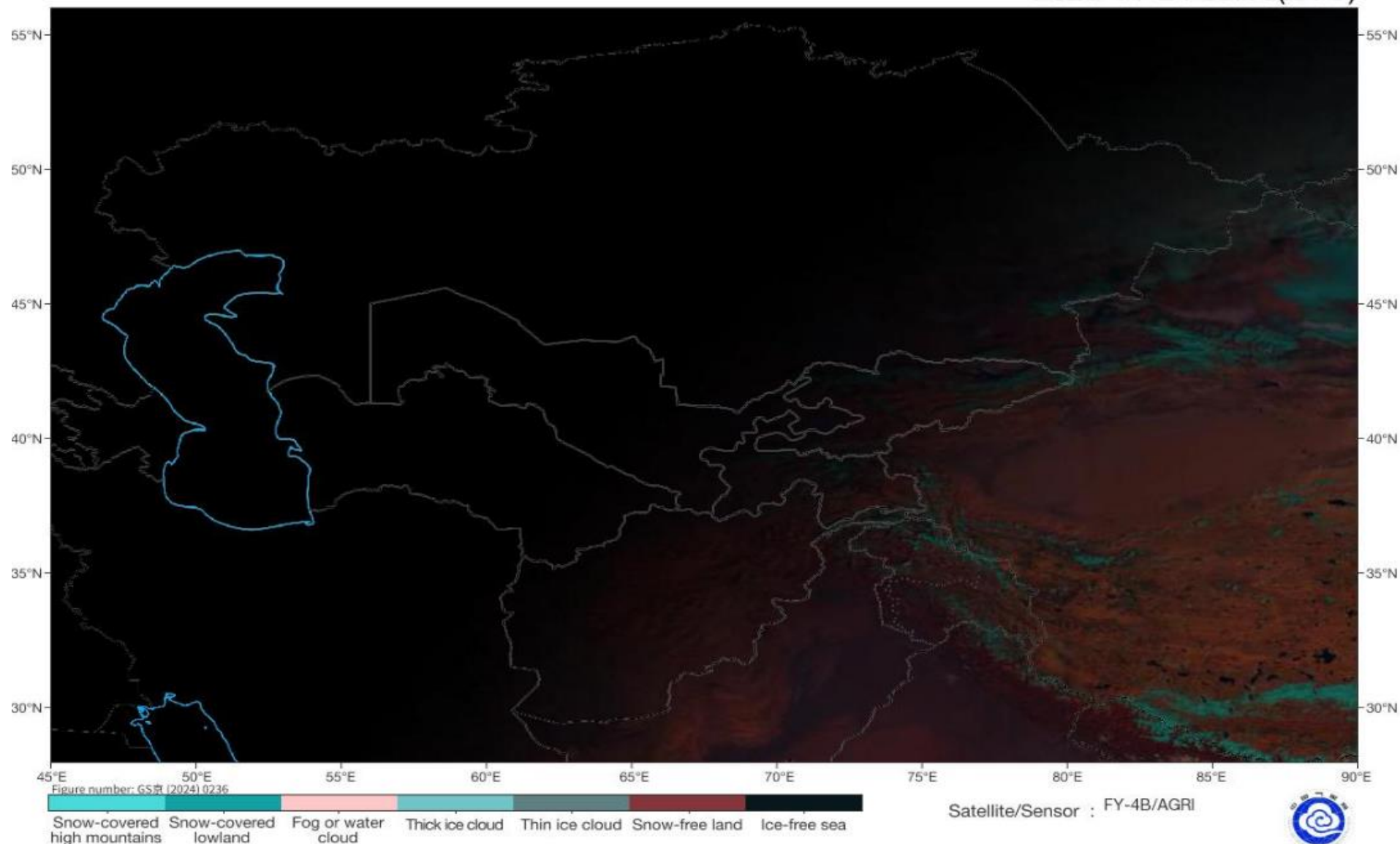
24-11-2025/(0315 to 0342) GMT  
24-11-2025/(0845 to 0912) IST





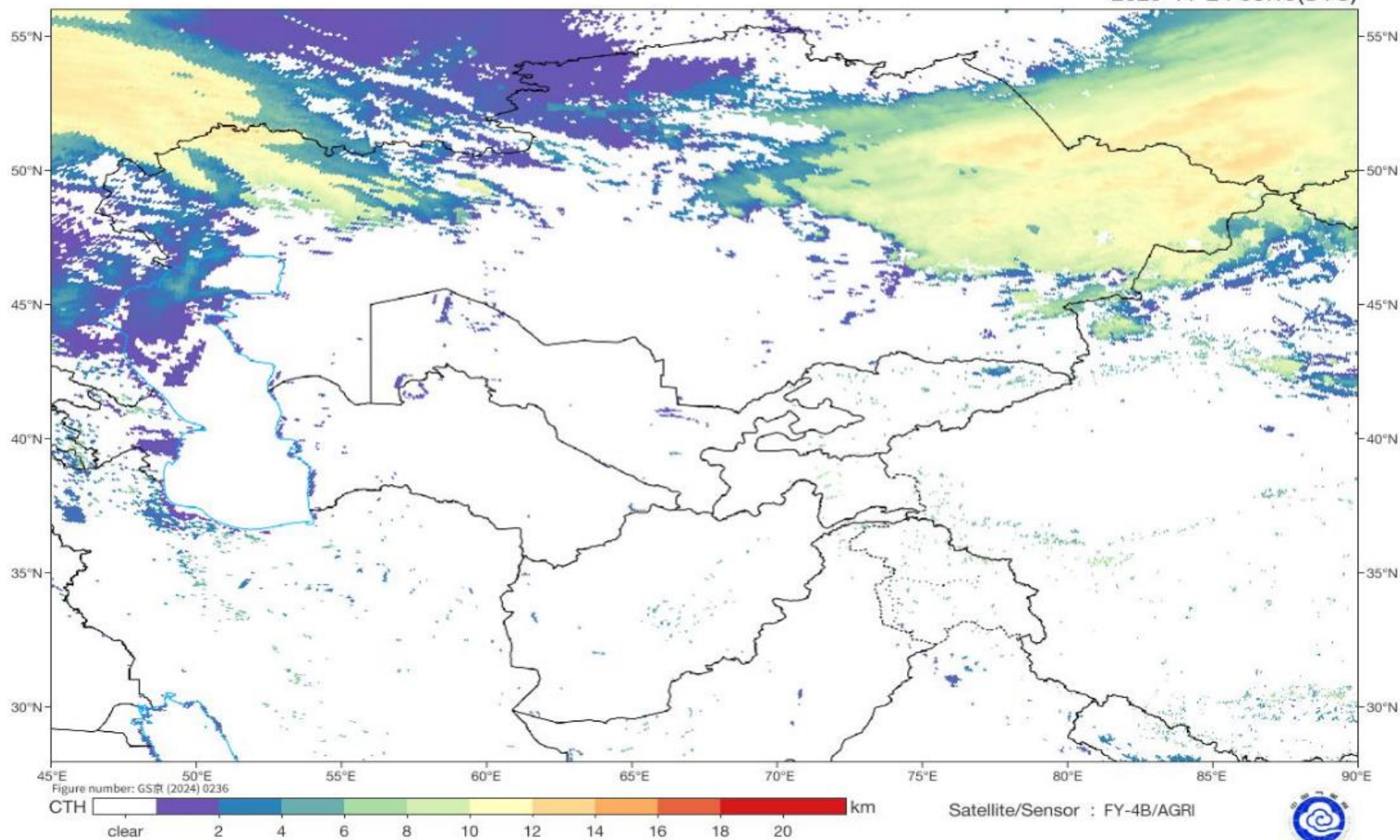
# Fog Identification

2025-11-24 03:15(UTC)



# Cloud Top Height

2025-11-24 03:15(UTC)





## Live satellite map, Afghanistan

