



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



Daily reports of Satellite imagery analysis. Date & Time: 30/05/2025, 15:00 UTC, Number of reports: 1012

| 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         | dust storm |
| 3  | West      | ✓        | ✓          | X             | X     | X   | √ dry       | X                     | X         |            |
| 4  | East      | ✓        | X          | X             | ✓     | X   | √ moderate  | X                     | X         |            |
| 5  | central   | ✓        | X          | X             | ✓     | X   | √ weak      | X                     | X         |            |
| 6  | Northeast | ✓        | X          | X             | ✓     | X   | √ moderate  | X                     | X         |            |
| 7  | Southeast | ✓        | ✓          | X             | X     | X   | √ dry       | X                     | X         | dust storm |
| 8  | Northwest | X        | ✓          | X             | X     | X   | √ dry       | X                     | X         |            |
| 9  | Southwest | ✓        | ✓          | X             | X     | X   | √ dry       | X                     | X         | dust storm |

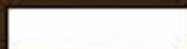
**Details:** According to satellite imagery analysis, the southern, western, eastern, central, northeastern, southwestern and southeastern areas have worm air mass (High UTH). The southern, western, southeastern, northwestern and southwestern areas have dust. The northern, eastern, central, northeastern, areas have cloudy sky. The eastern and northeastern areas have moderate water vapor the northern, central, areas have weak water vapor also the southern, western, southeastern, northwestern and southwestern areas are dry.

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

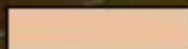
- Reported by: Esmatullah Mohammadi

UTC : 2025-05-29 14:30

AirMass



Thick,  
high-level cloud



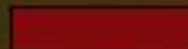
Thick,

mid-level cloud

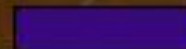


Thick,

low-level cloud



Jet



Cold Airmass



Warm Airmass  
(high UTH)

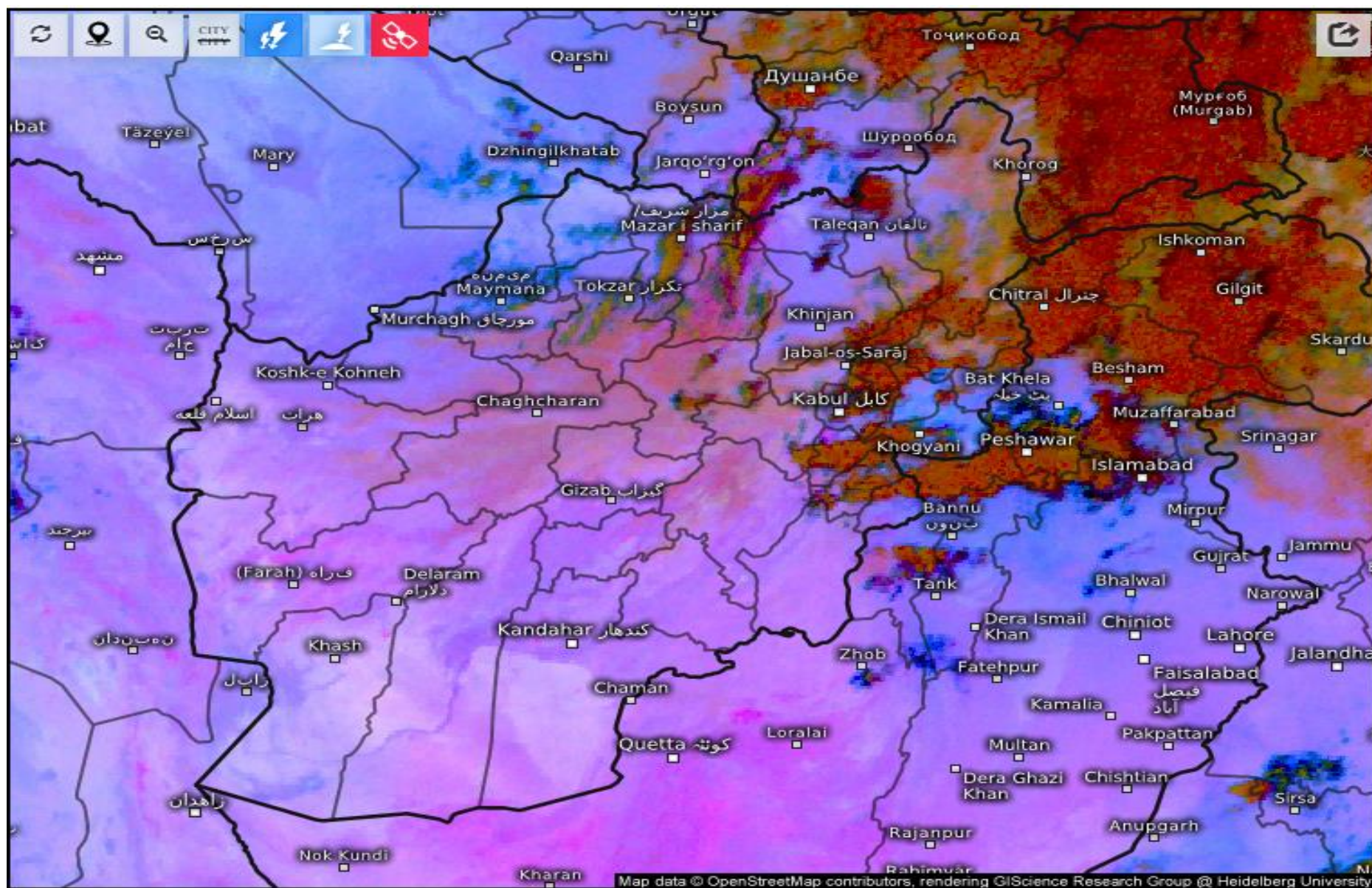


Warm Airmass  
(low UTH)

R=  
G=  
B=

FY-4B AirMass RGB Composite (From WMO)



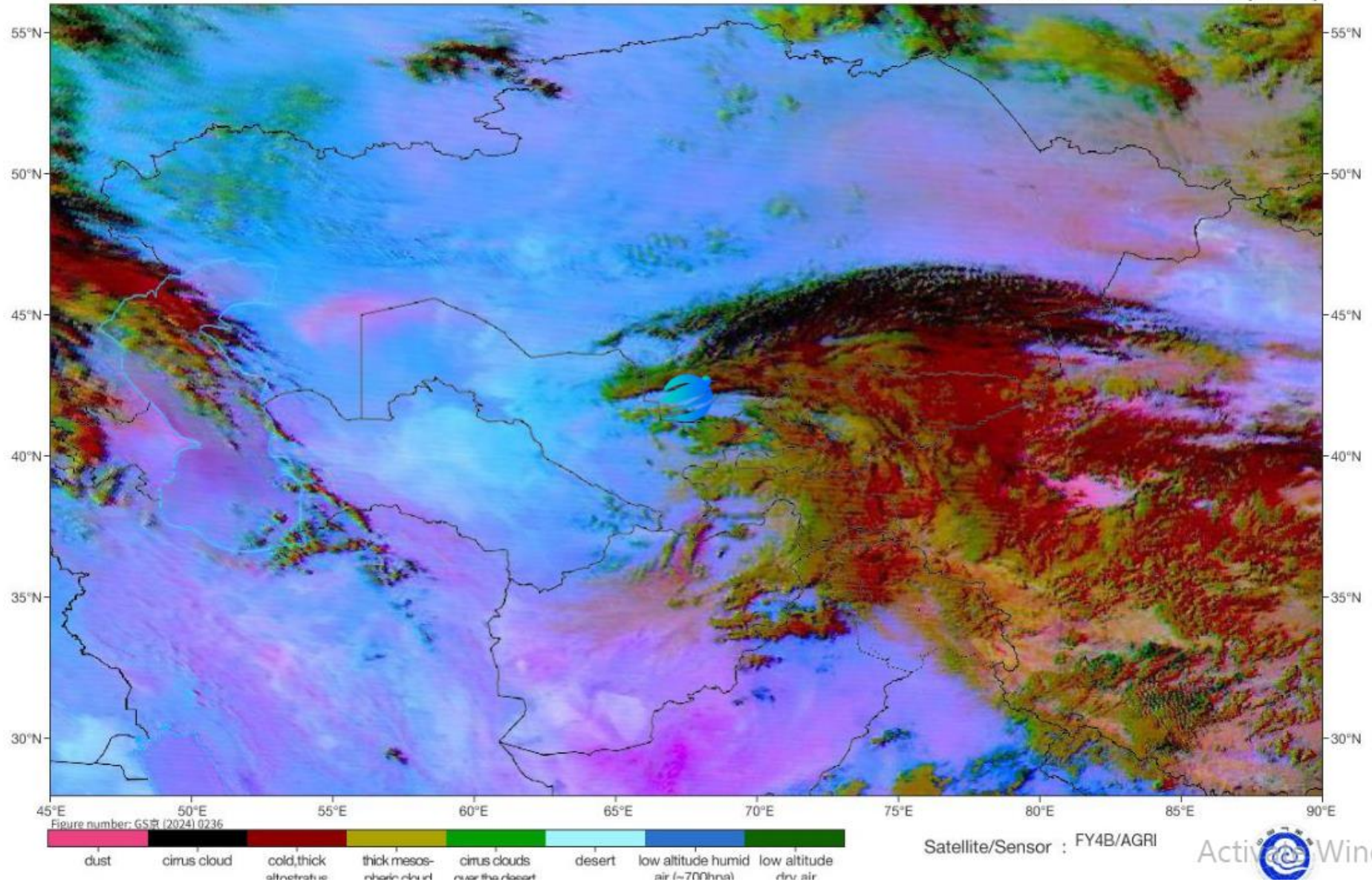


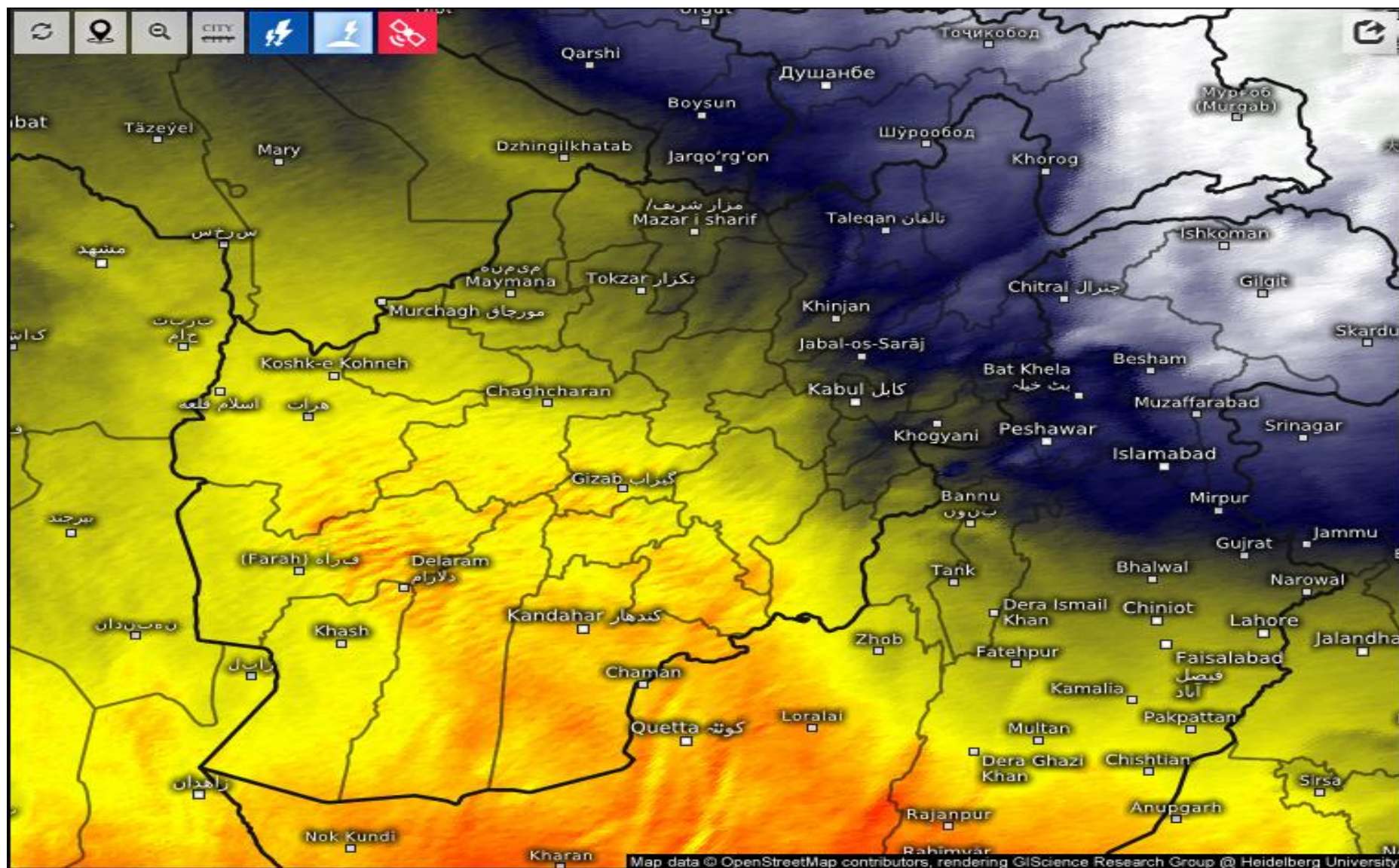
Satellite Dust 

Fri 05/30/2025, 07:00pm GMT+0430

## Sand And Dust Identification

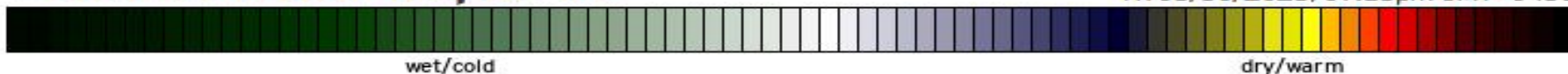
2025-05-30 14:30(UTC)





## Satellite Water Vapor

Fri 05/30/2025, 07:15pm GMT+0430





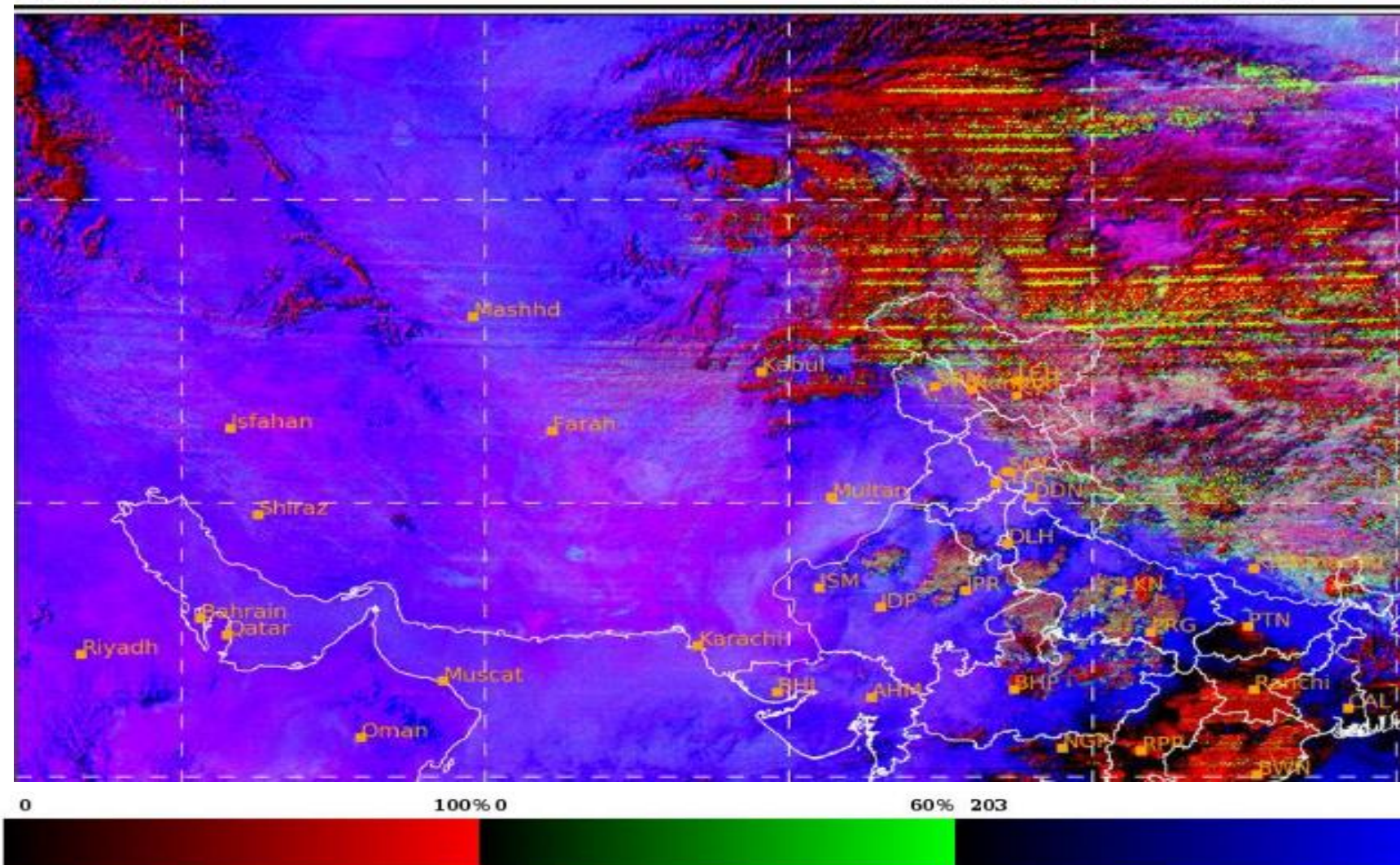
SAT : INSAT-3DR IMG

30-05-2025/(1345 to 1412) GMT

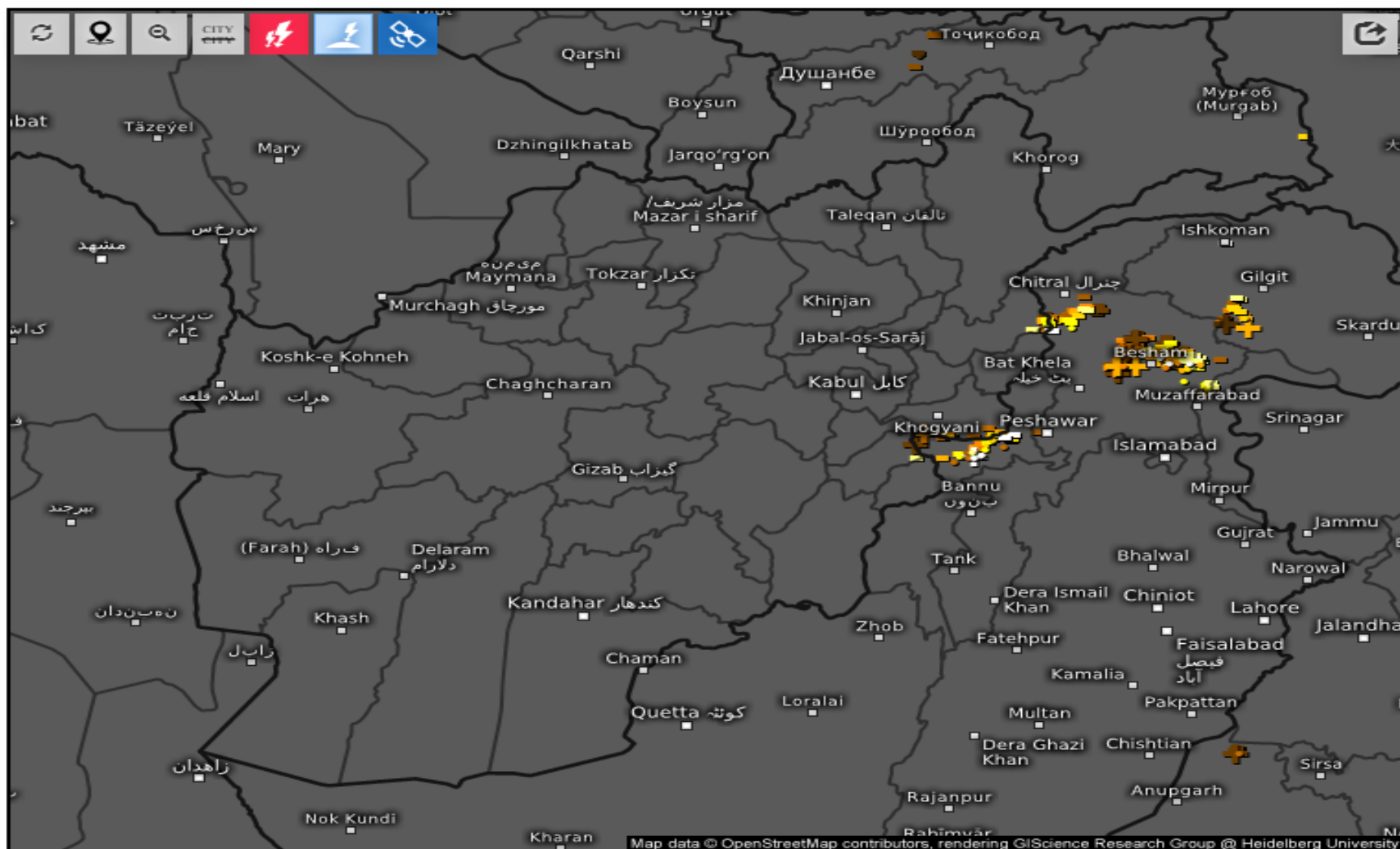
Night Microphysics: TIR2\_BT-TIR1\_BT (R), TIR1\_BT-MIR\_BT (G), TIR1\_BT (B)

L1C Mercator

30-05-2025/(1915 to 1942) IST



Fog Low Clouds Mid Orographic Cloud CB Snow Dust



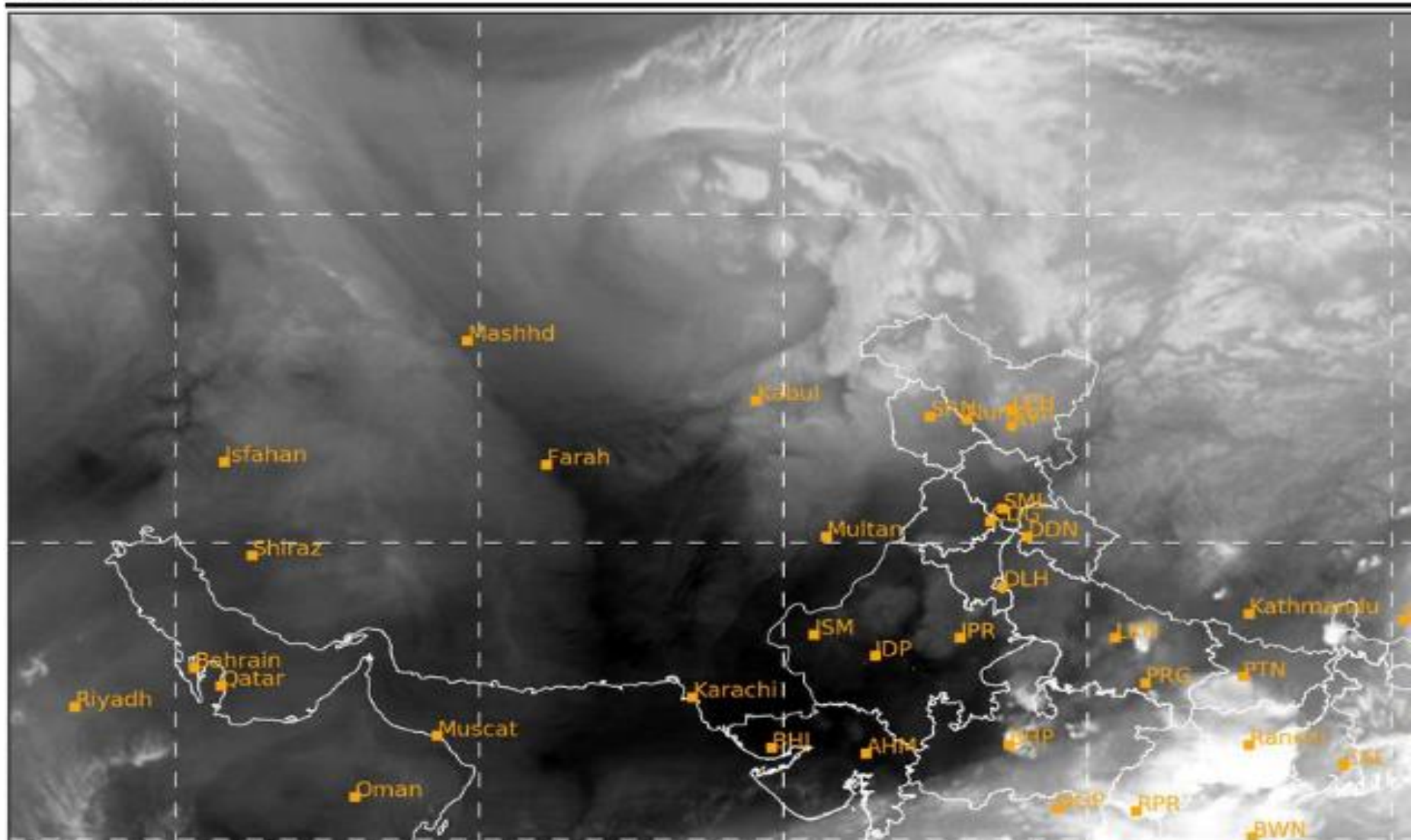
Age of lightning (minutes)

Fri 05/30/2025, 07:10pm GMT+0430

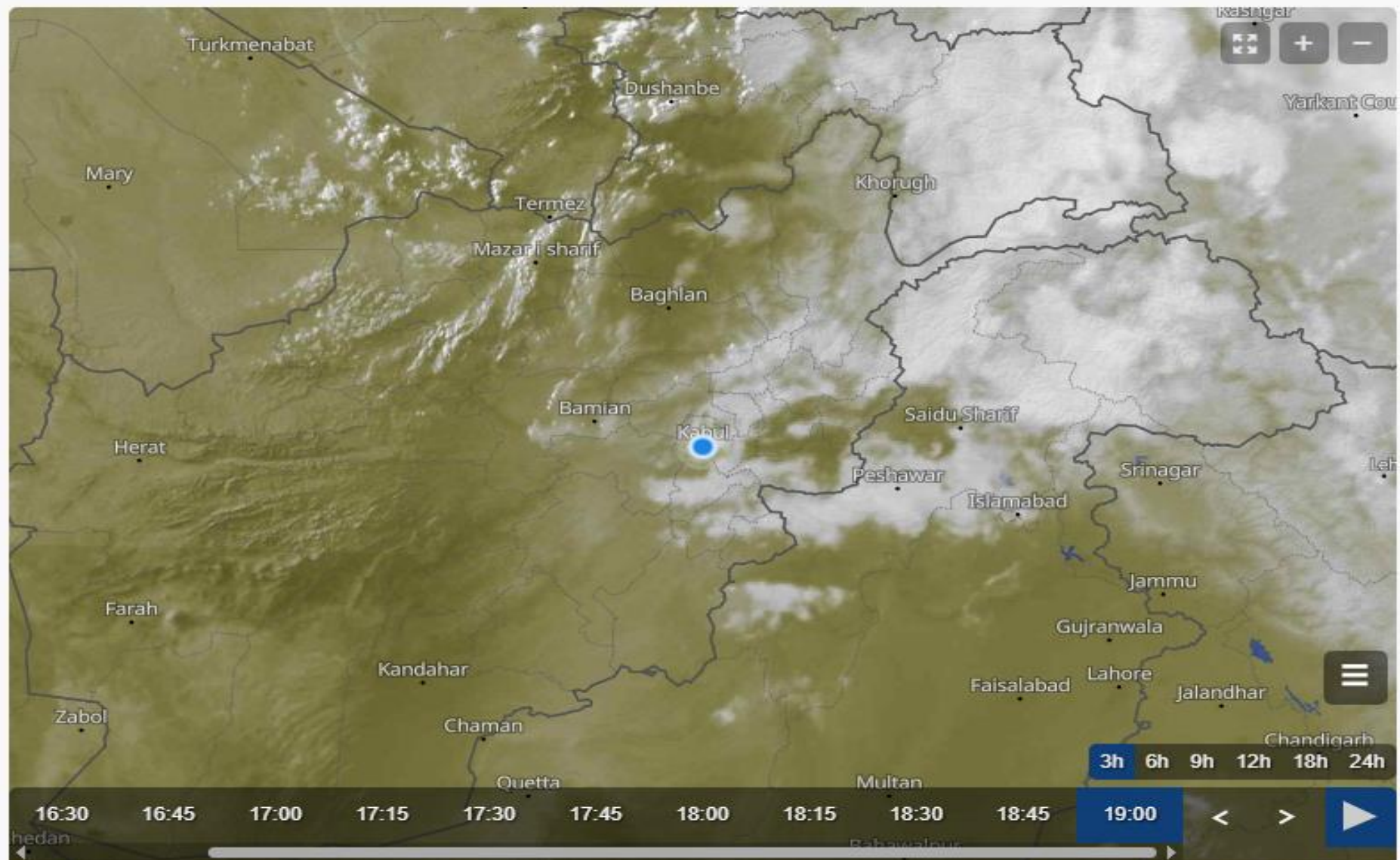


SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
L1C Mercator

30-05-2025/(1345 to 1412) GMT  
30-05-2025/(1915 to 1942) IST



## Live satellite map, Afghanistan



# Cloud Top Height

2025-05-30 14:15(UTC)

