



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



Daily reports of Satellite imagery analysis. Date & Time: 16/08/2025, 09:00 UTC

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

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

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

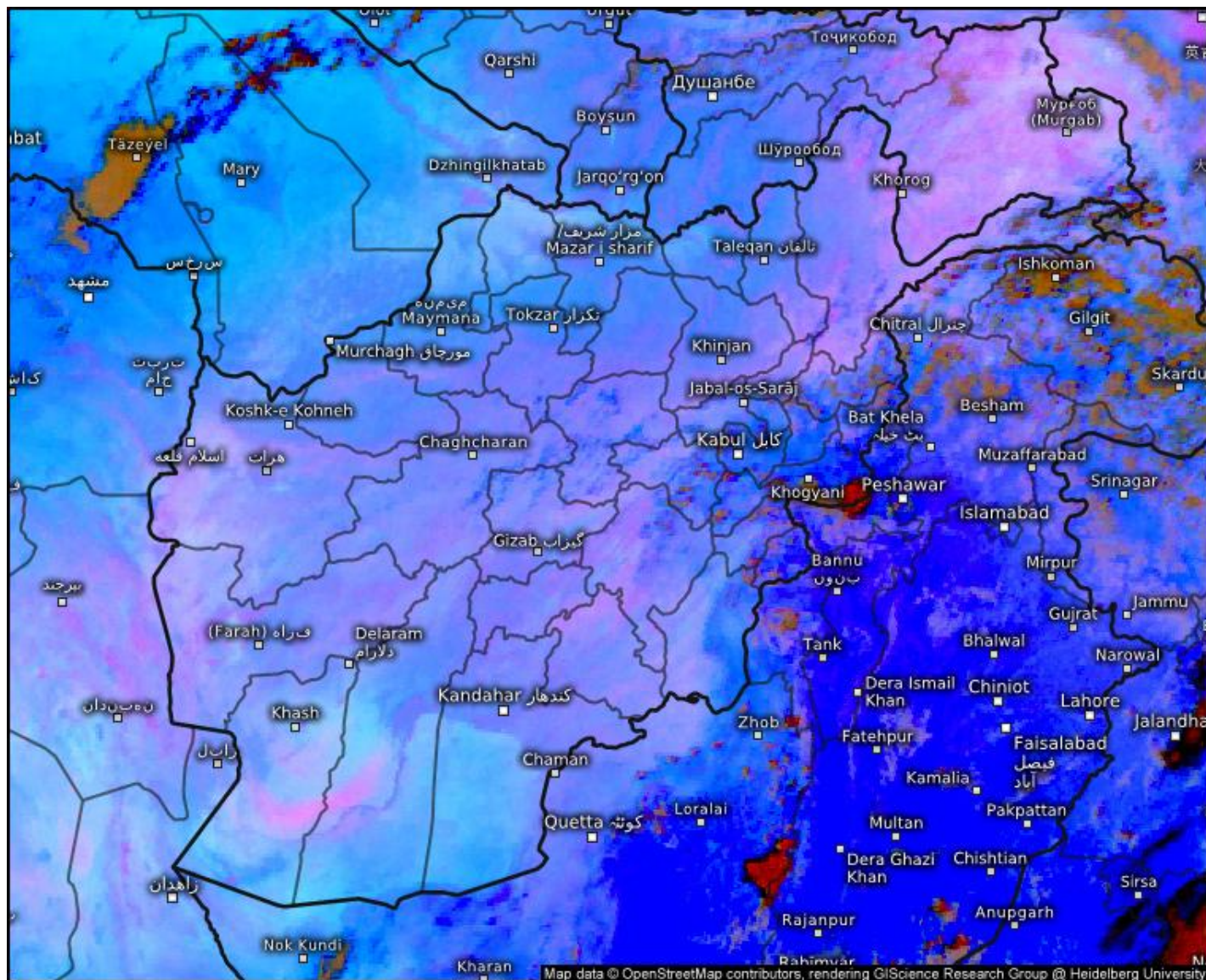
Reported by: Mohammad Jawed Moradi

UTC : 2025-08-16 08:45



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





## Satellite Dust

Sat 08/16/2025, 01:30pm GMT+0430

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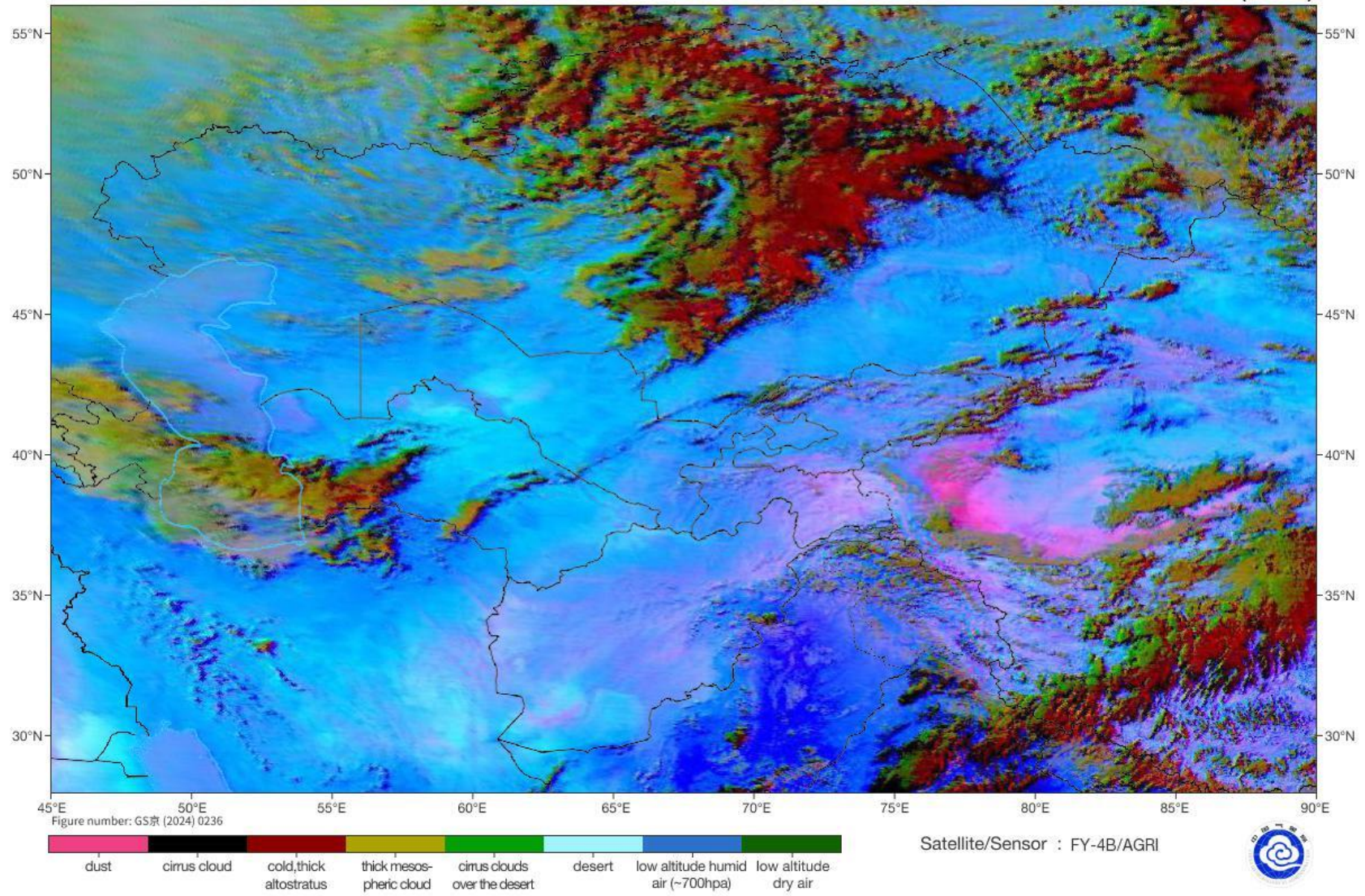
Afghanistan

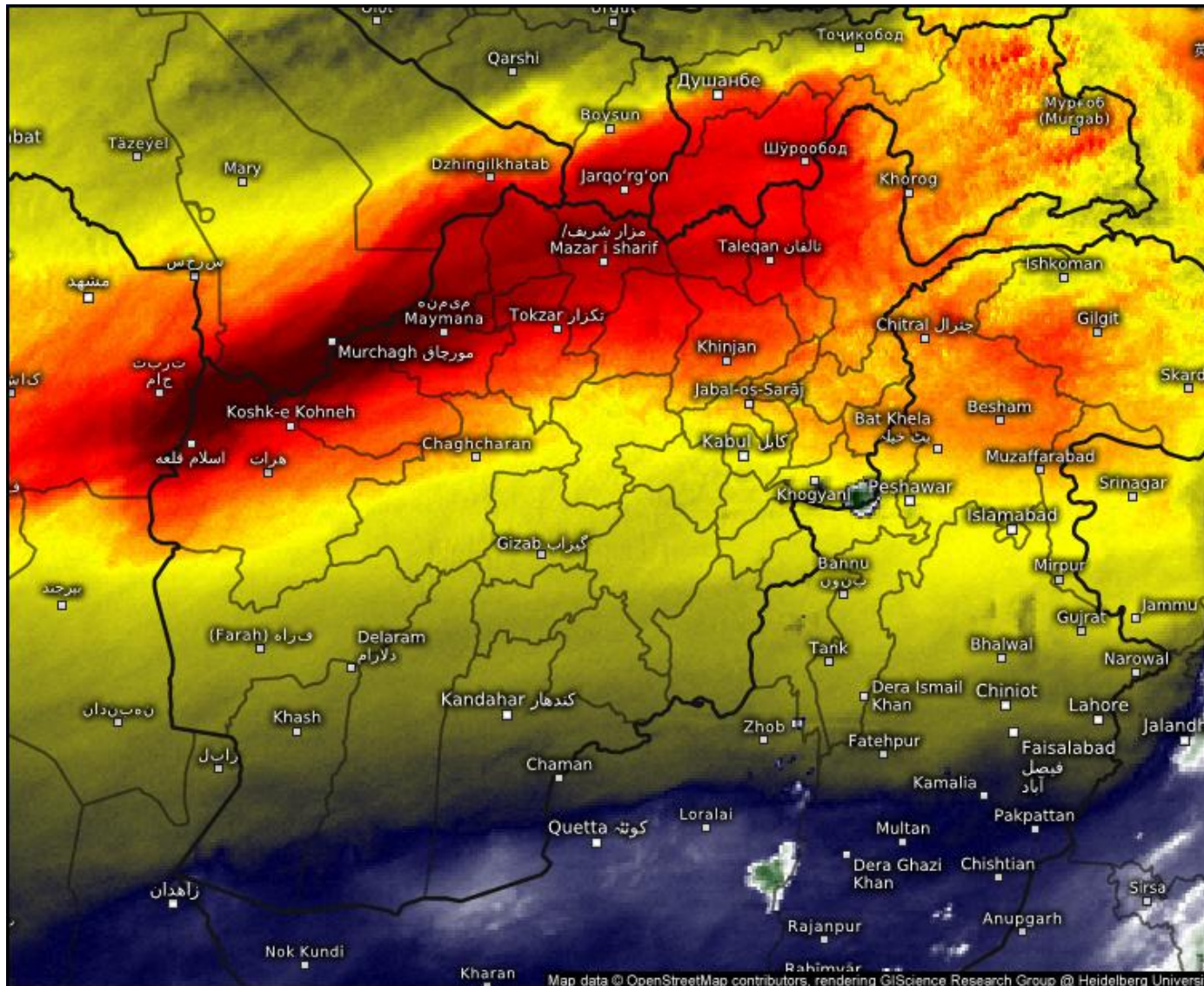
meteologix.com

Satellite data: EUMETSAT

## Sand And Dust Identification

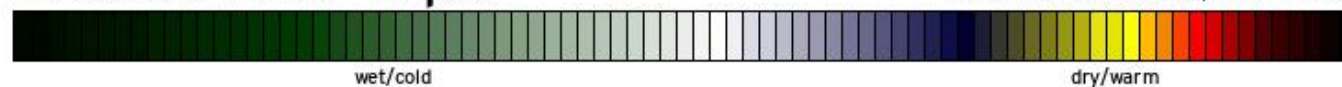
2025-08-16 09:00(UTC)





## Satellite Water Vapor

Sat 08/16/2025, 01:30pm GMT+0430



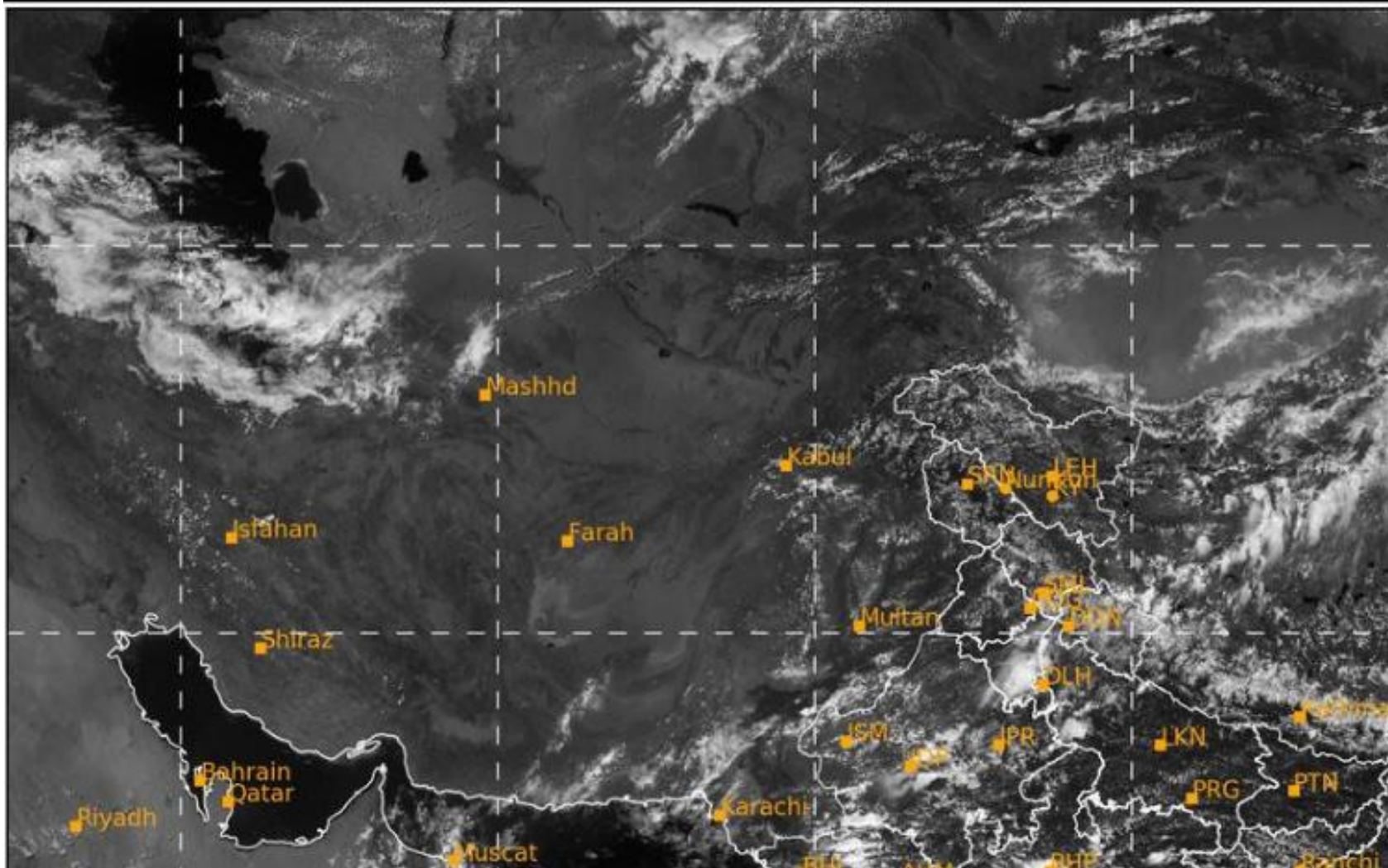
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 Afghanistan

meteologix.com

Satellite data: EUMETSAT

SAT : INSAT-3DR IMG  
Visible Count 0.65 um  
L1C Mercator

16-08-2025/(0745 to 0812) GMT  
16-08-2025/(1315 to 1342) IST



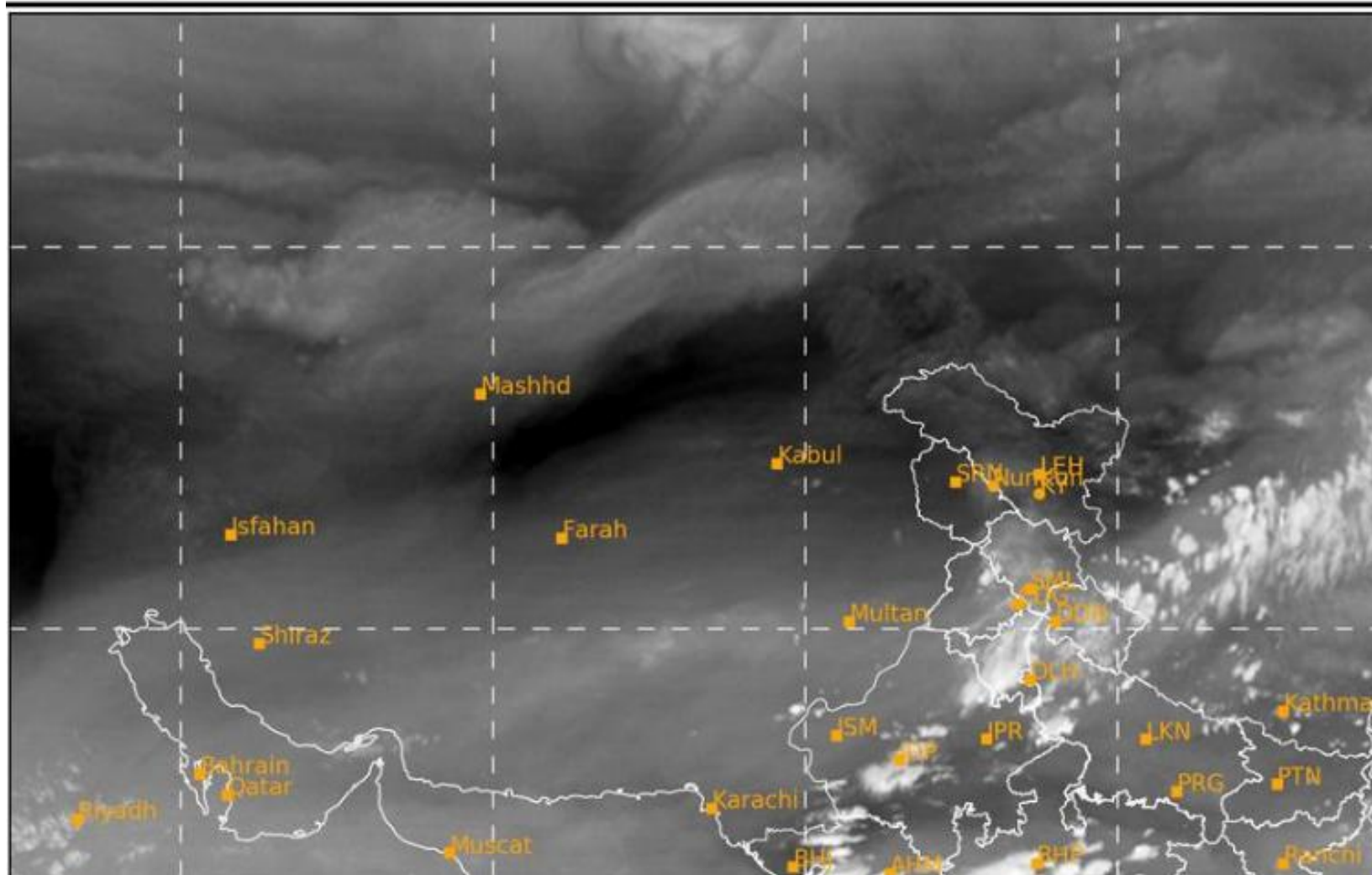
SAT : INSAT-3DR IMG

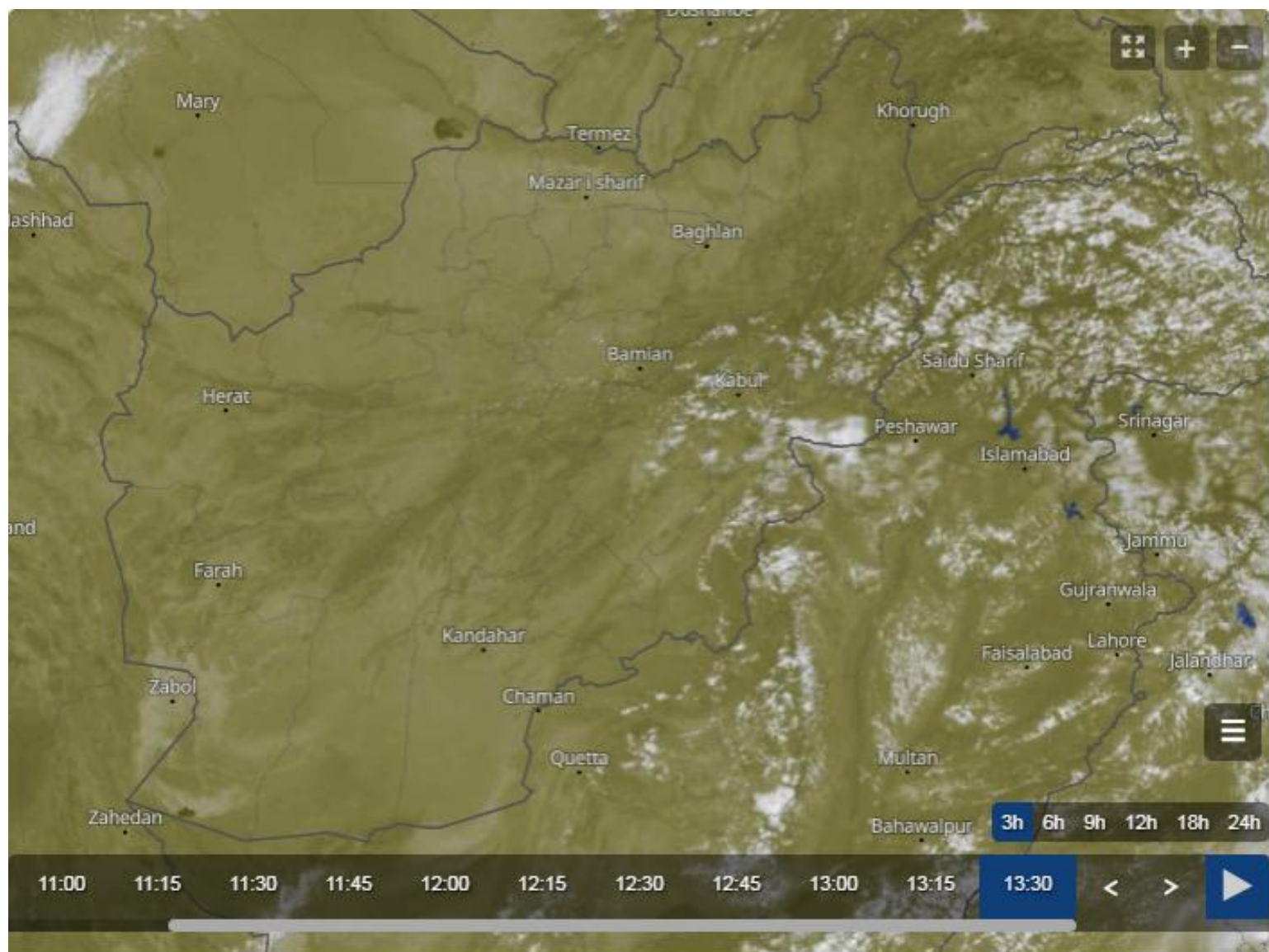
IMG\_WV 6.8 um

L1C Mercator

16-08-2025/(0745 to 0812) GMT

16-08-2025/(1315 to 1342) IST





# Cloud Top Height

2025-08-16 09:00(UTC)

