



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



Daily reports of Satellite imagery analysis. Date & Time: 21/05/2025, 0900 UTC, Number of reports: 993

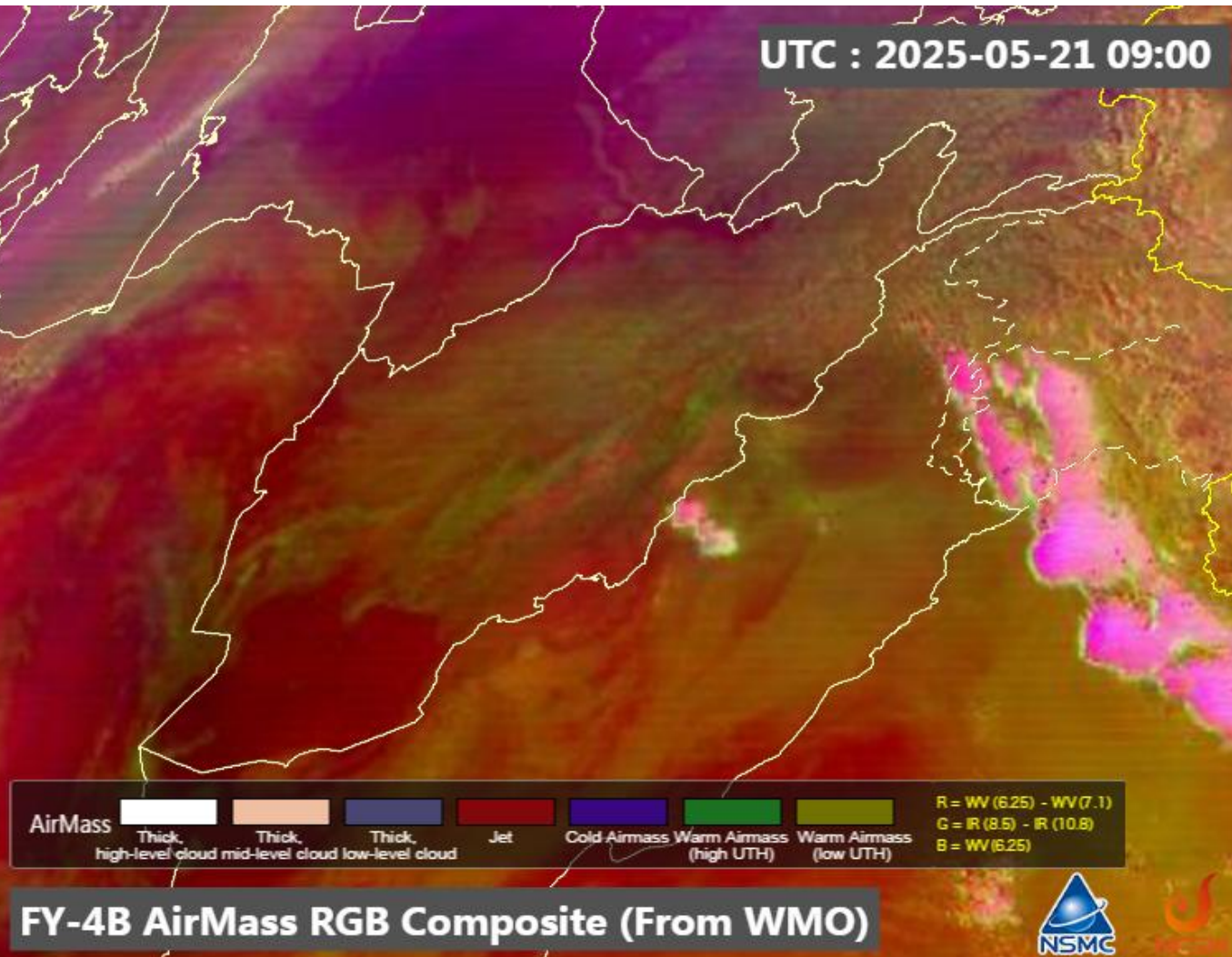
| No | Region    | Air Mass | Dust Storm | Thunder storm | Cloud | Fog | Water Vapor | Cyclone & Anticyclone | Jetstream | Comments |
|----|-----------|----------|------------|---------------|-------|-----|-------------|-----------------------|-----------|----------|
| 1  | North     | ✓        | X 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

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

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

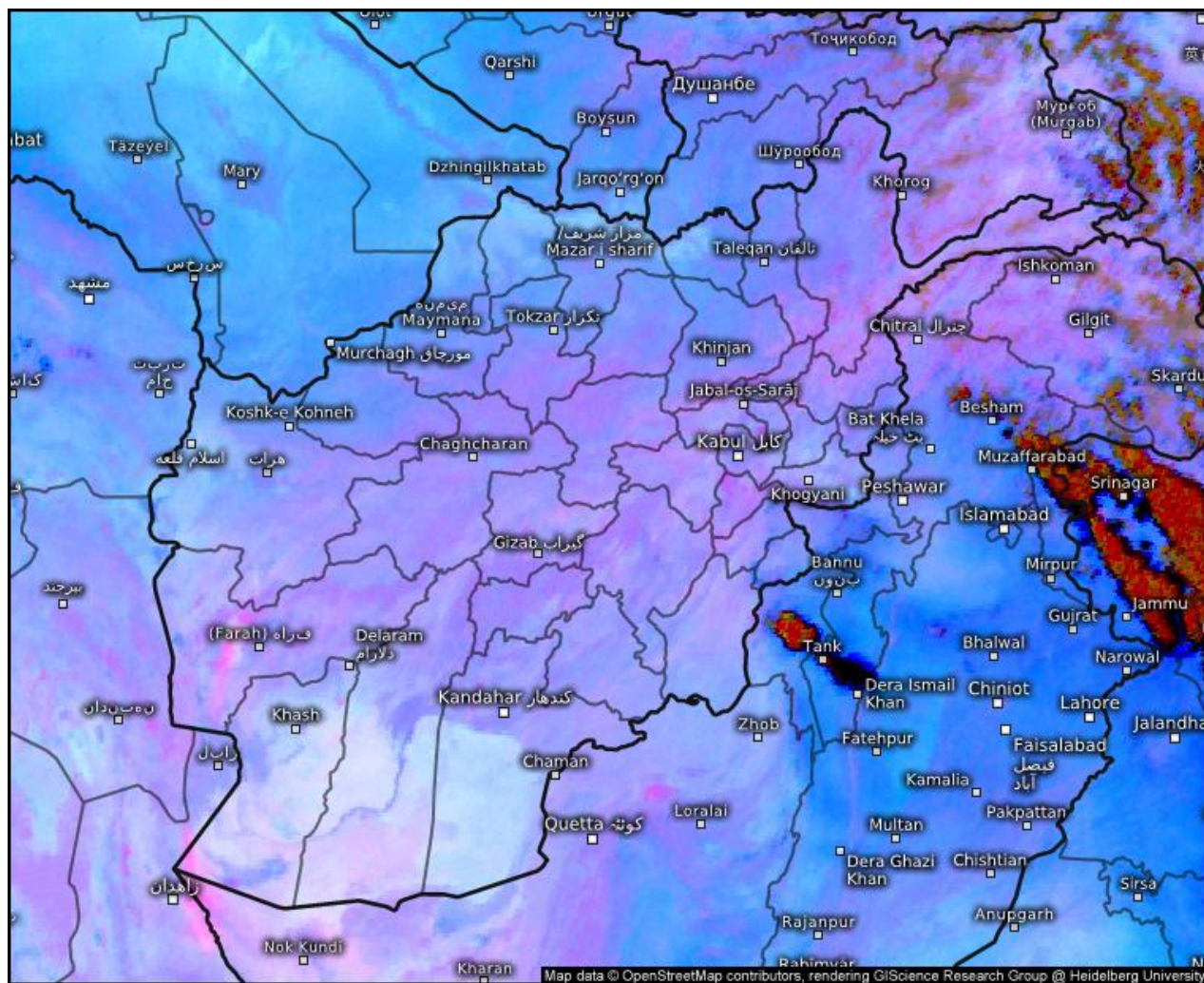
- Reported by: Mohammad Jawed Moradi

UTC : 2025-05-21 09:00



FY-4B AirMass RGB Composite (From WMO)





## Satellite Dust

Wed 05/21/2025, 01:30pm GMT+0430

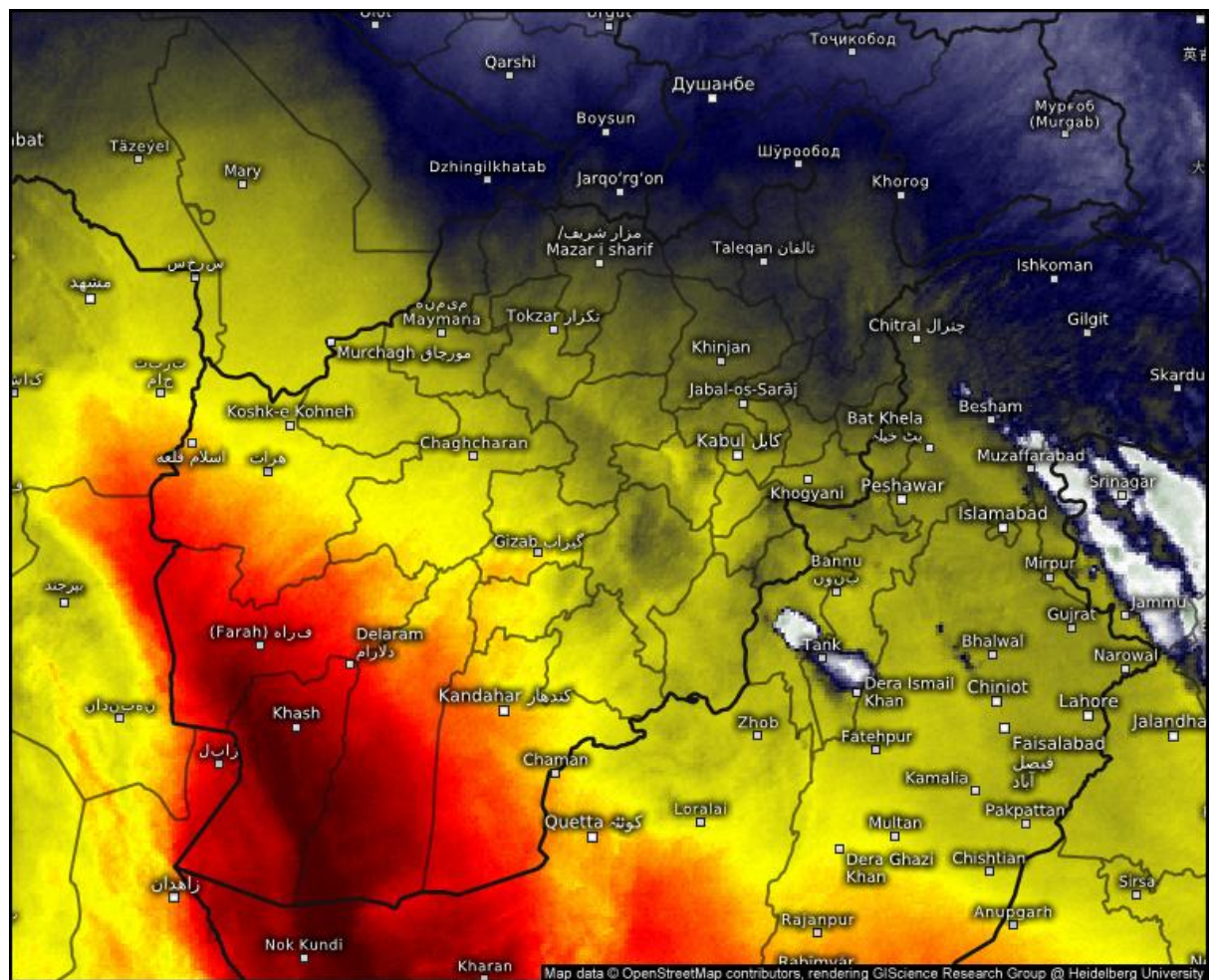
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Afghanistan

 **meteologix.com**

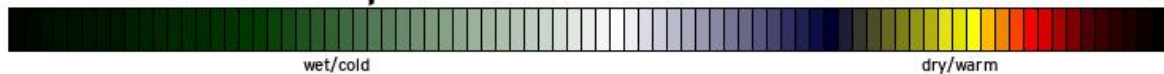
Satellite data: EUMETSAT





## Satellite Water Vapor

Wed 05/21/2025, 01:30pm GMT+0430



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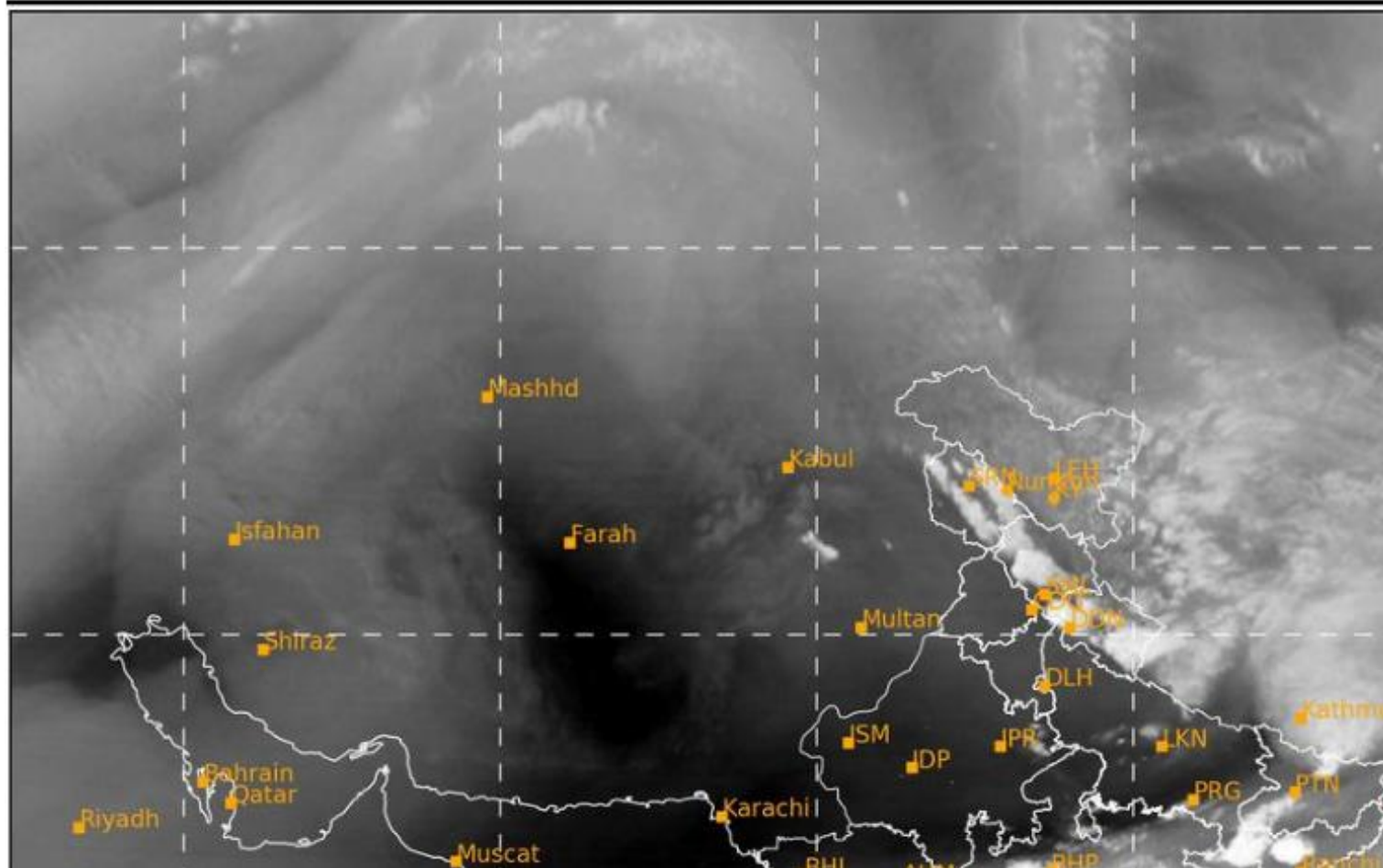
Sharing: Please get the pic's permalink from share button top right  
Afghanistan

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Satellite data: EUMETSAT

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

21-05-2025/(0815 to 0842) GMT  
21-05-2025/(1345 to 1412) IST



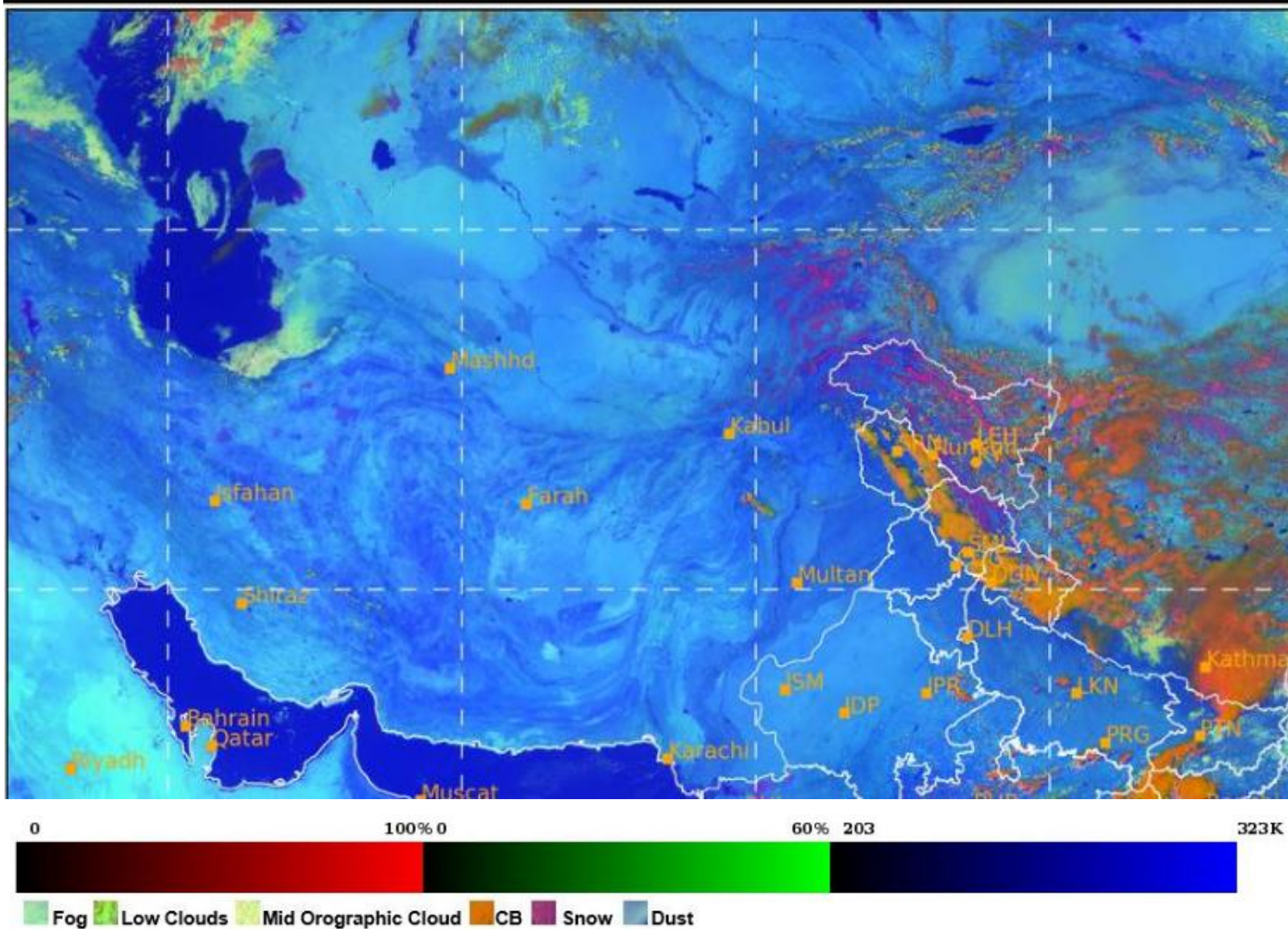


21-05-2025/(0815 to 0842) GMT

Day Microphysics: VIS\_REFL (R), SWIR\_REFL (G), TIR1\_BT (B)

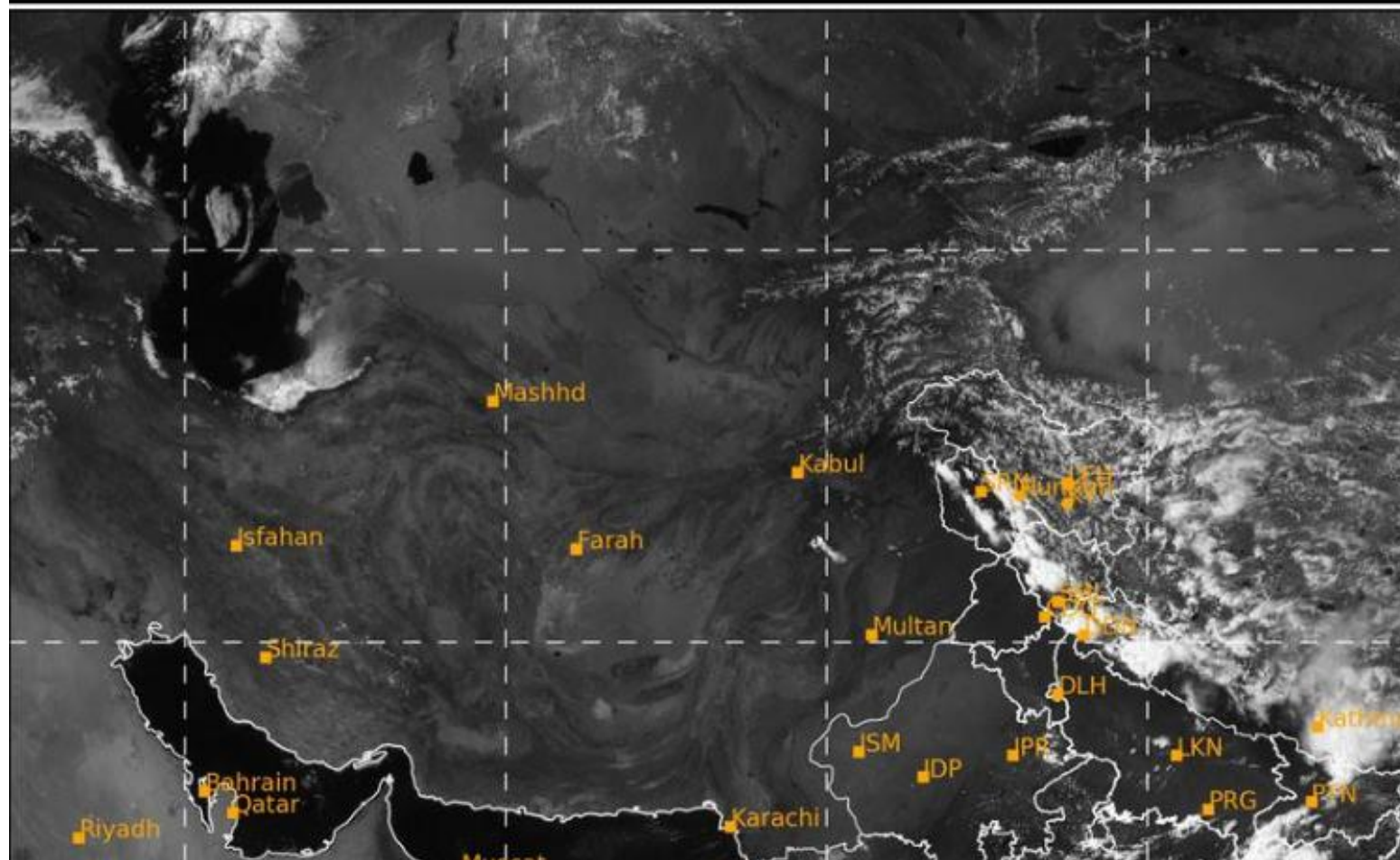
21-05-2025/(1345 to 1412) IST

L1C Mercator



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

21-05-2025/(0815 to 0842) GMT  
21-05-2025/(1345 to 1412) IST









## Sand And Dust Identification

2025-05-21 09:00(UTC)

