



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



Daily reports of Satellite imagery analysis. Date & Time: 20/01/2026, 09:00 UTC

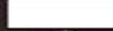
| No | Region    | Air Mass | Dust Storm | Thunder storm | Cloud | Fog | Water Vapor | Cyclone & Anticyclone | Jetstream | Comments |
|----|-----------|----------|------------|---------------|-------|-----|-------------|-----------------------|-----------|----------|
| 1  | North     | ✓        | X 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

**Details:** according to satellite imagery analysis the northern, southern, western and southwestern areas have weak cold Air mass. The southern, western and southeaster areas have weak dust. The western, eastern, some parts of central, northeastern and northwestern areas have cloudy sky which the height of cloud is about 12 km. The all regions have moderate water vapor.

Reported by: Mohammad Jawed Moradi

UTC: 2026-01-20 08:45

AirMass

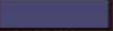


Thick,  
high-level cloud



Thick,

mid-level cloud

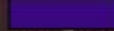


Thick,

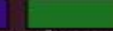
low-level cloud



Jet

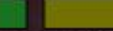


Cold Airmass



Warm Airmass

(high UTH)



Warm Airmass

(low UTH)

R = WV (6.25) - WV (7.1)

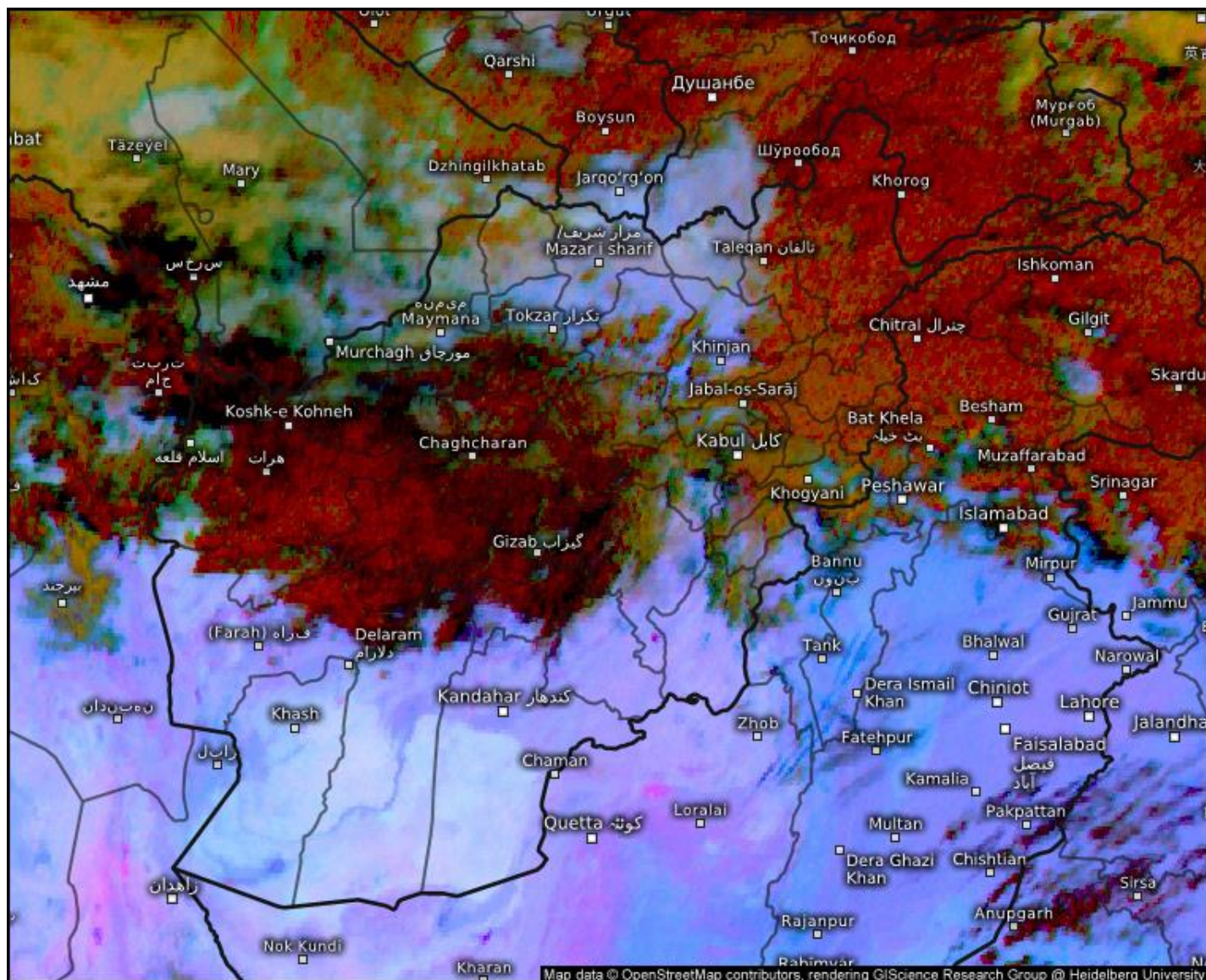
G = IR (8.5) - IR (10.8)

B = WV (6.25)

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







## Satellite Dust

Tue 01/20/2026, 01:30pm GMT+0430

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Afghanistan

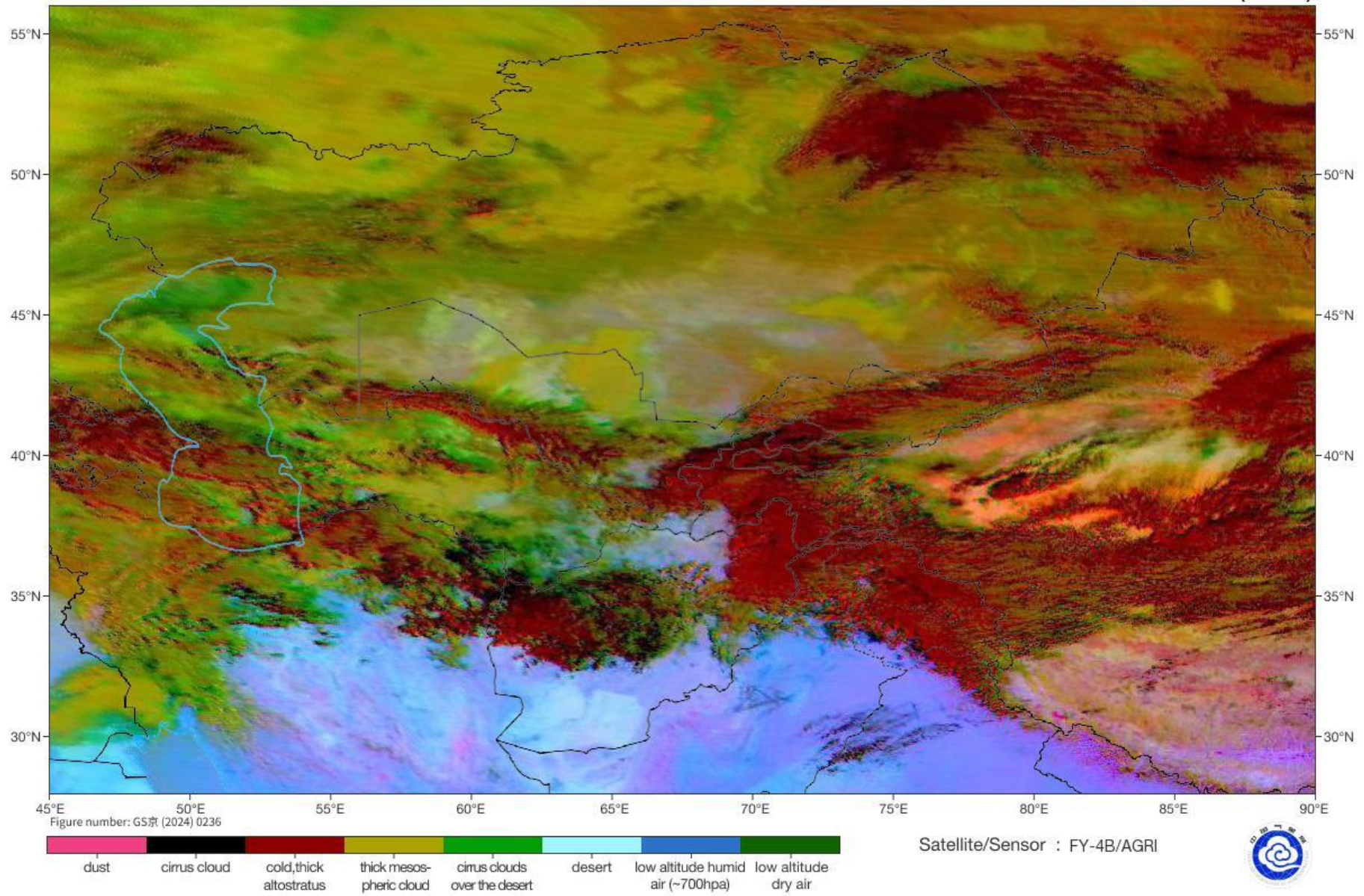
 **meteologix.com**

Satellite data: EUMETSAT



# Sand And Dust Identification

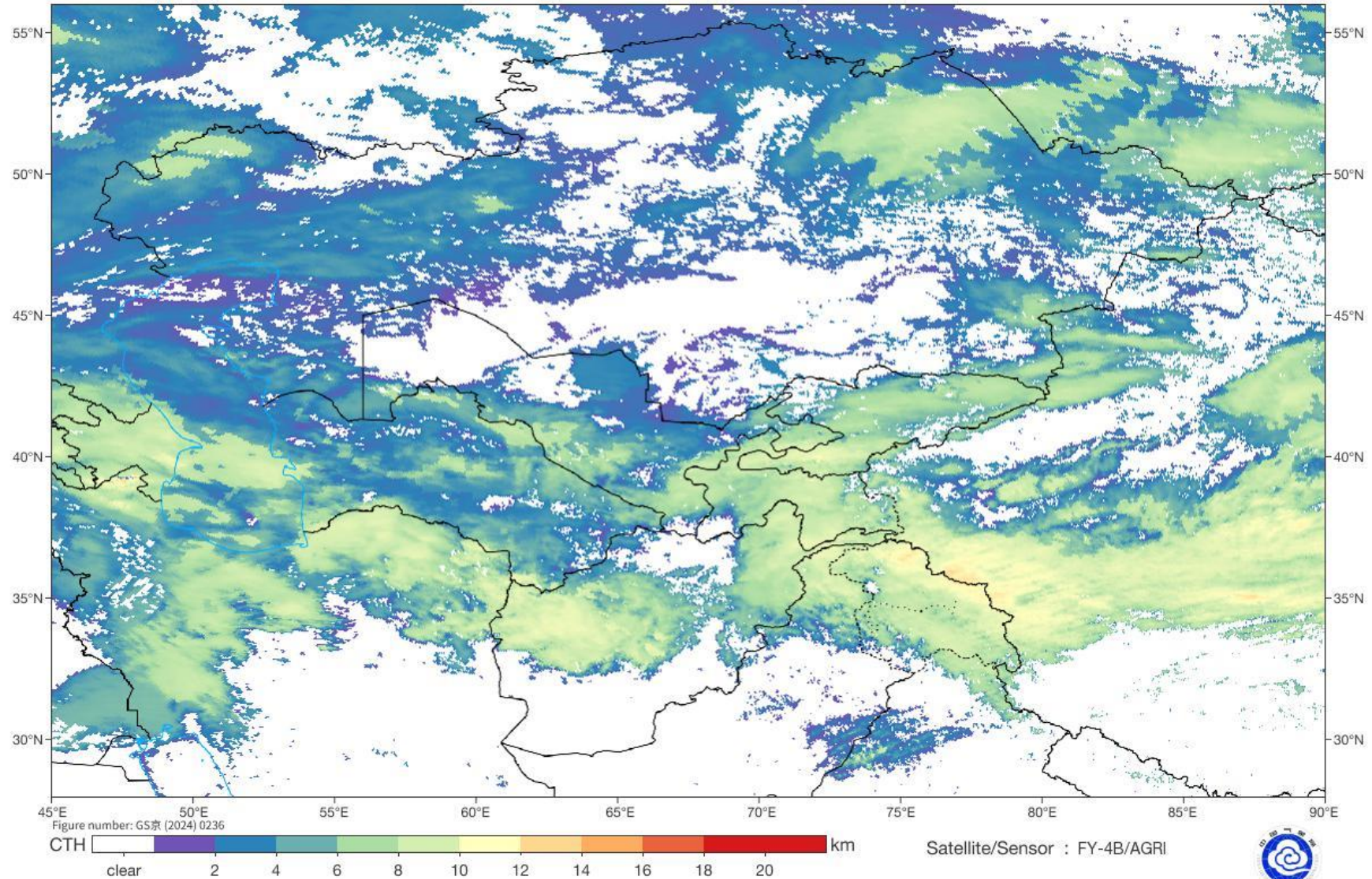
2026-01-20 09:00(UTC)



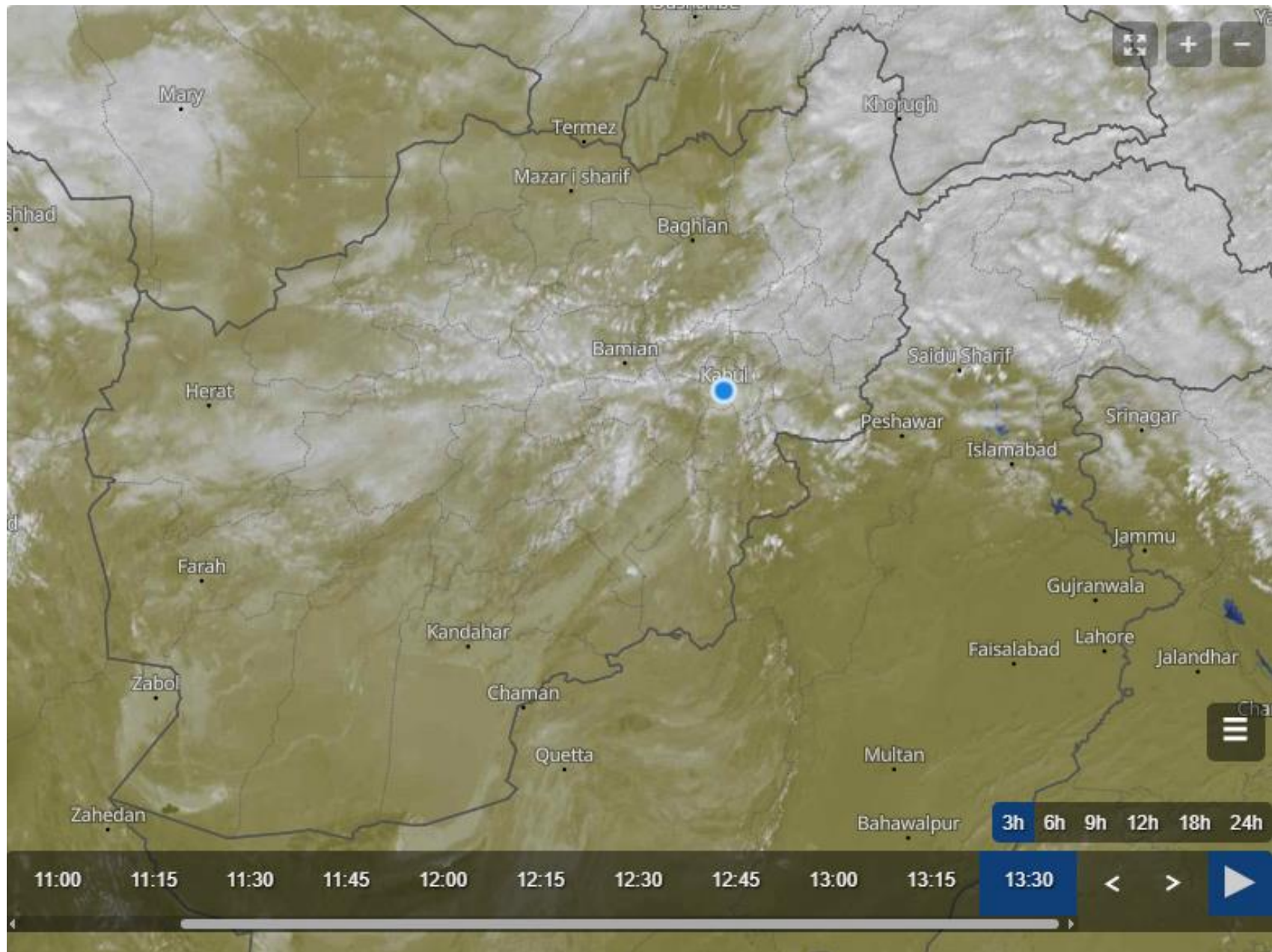


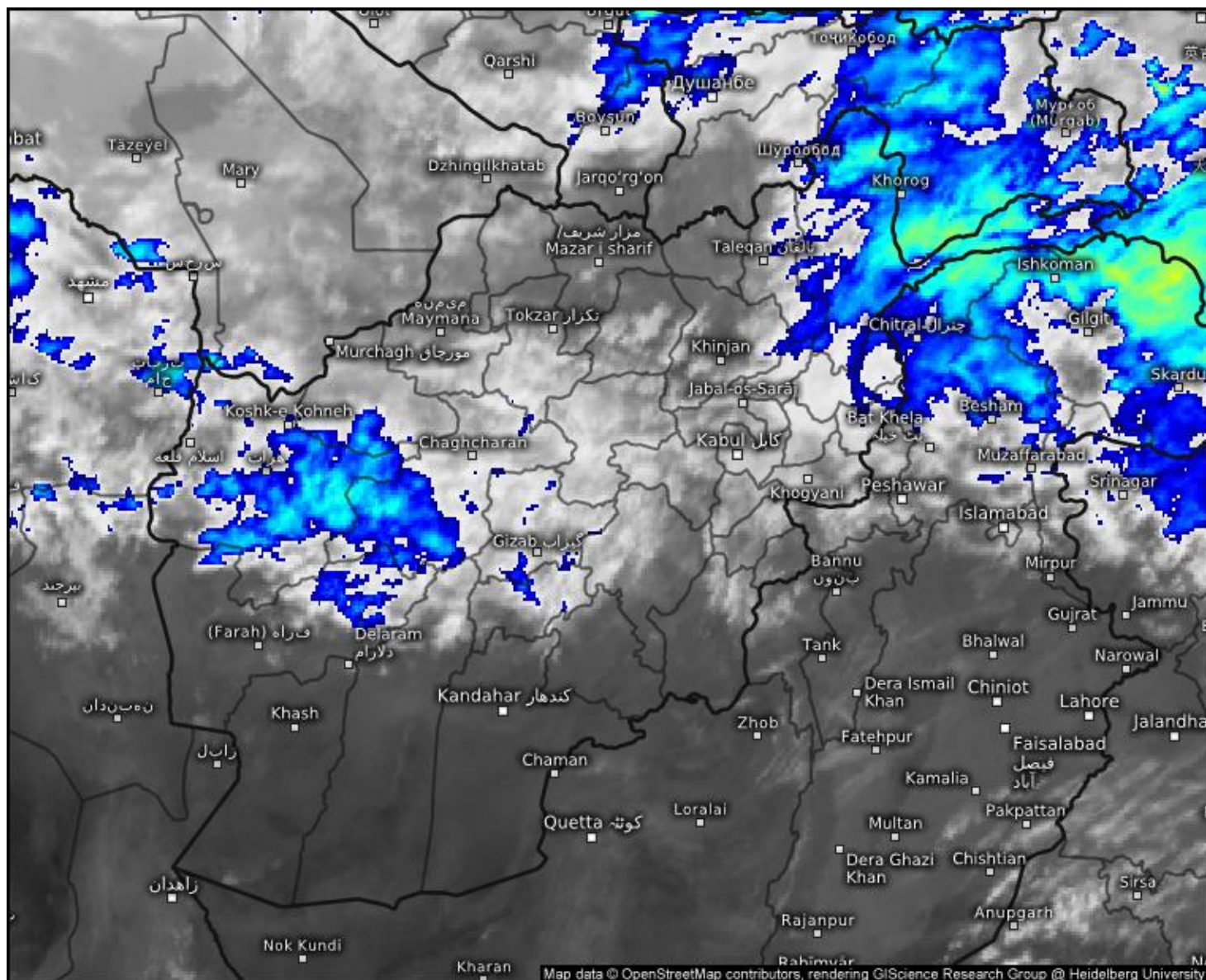
# Cloud Top Height

2026-01-20 09:00(UTC)









## Satellite Cloud Tops Alert

Tue 01/20/2026, 01:30pm GMT+0430



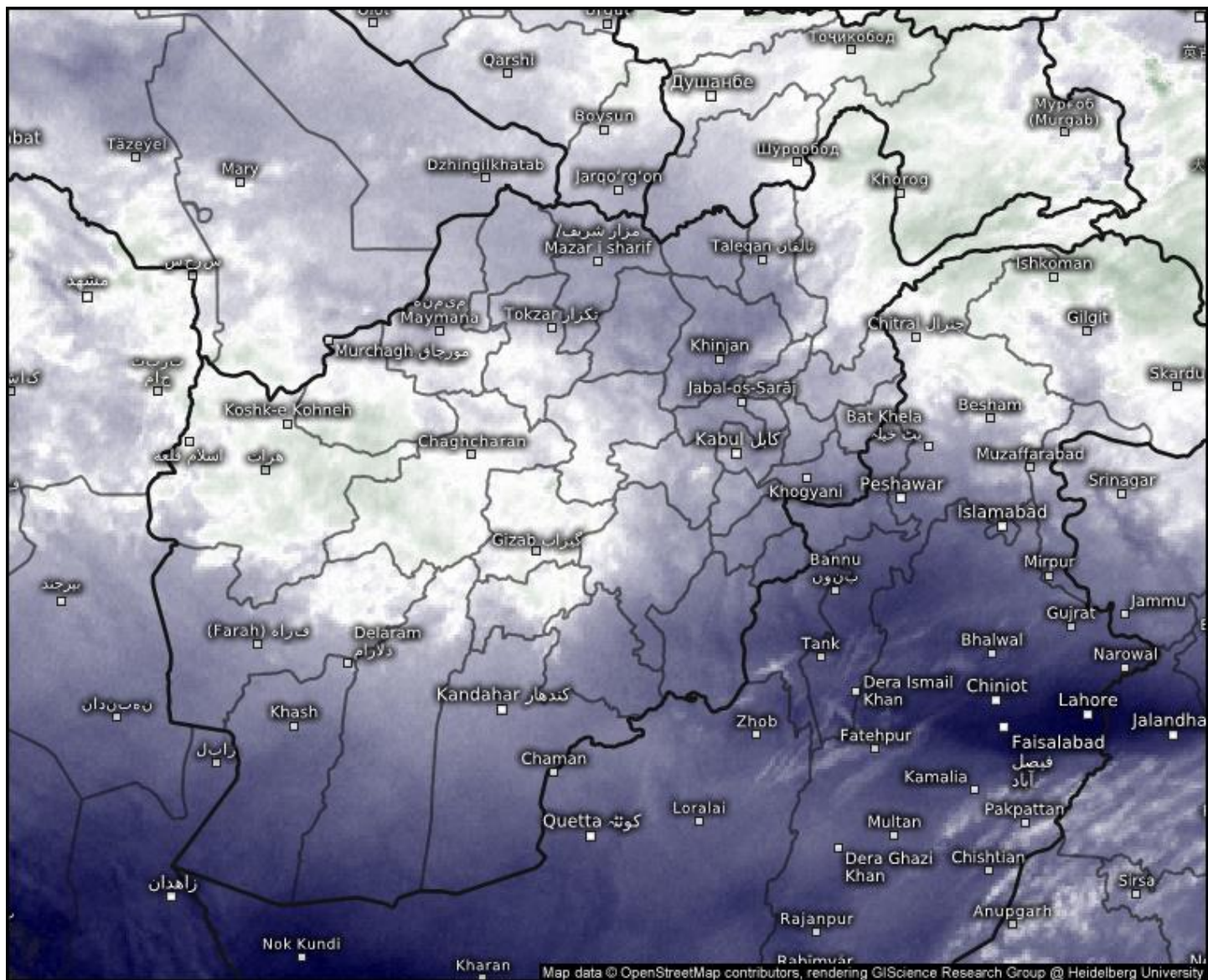
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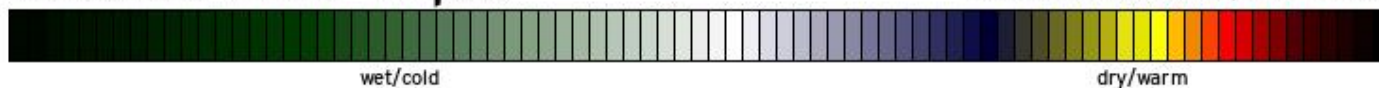
Satellite data: EUMETSAT





## Satellite Water Vapor

Tue 01/20/2026, 01:30pm GMT+0430



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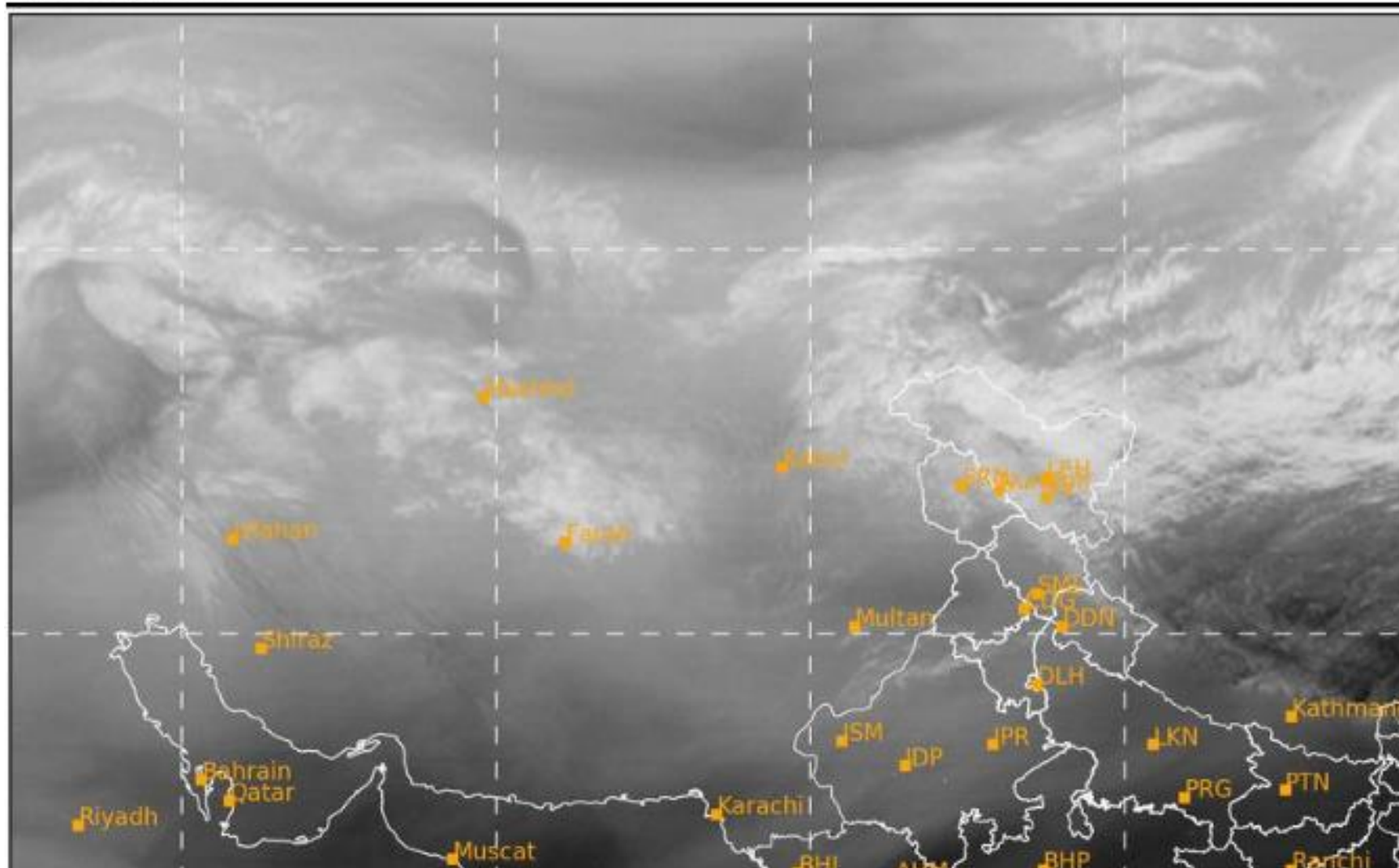
meteologix.com

Satellite data: EUMETSAT



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

20-01-2026/(0745 to 0812) GMT  
20-01-2026/(1315 to 1342) IST



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

20-01-2026/(0745 to 0812) GMT  
20-01-2026/(1315 to 1342) IST

