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

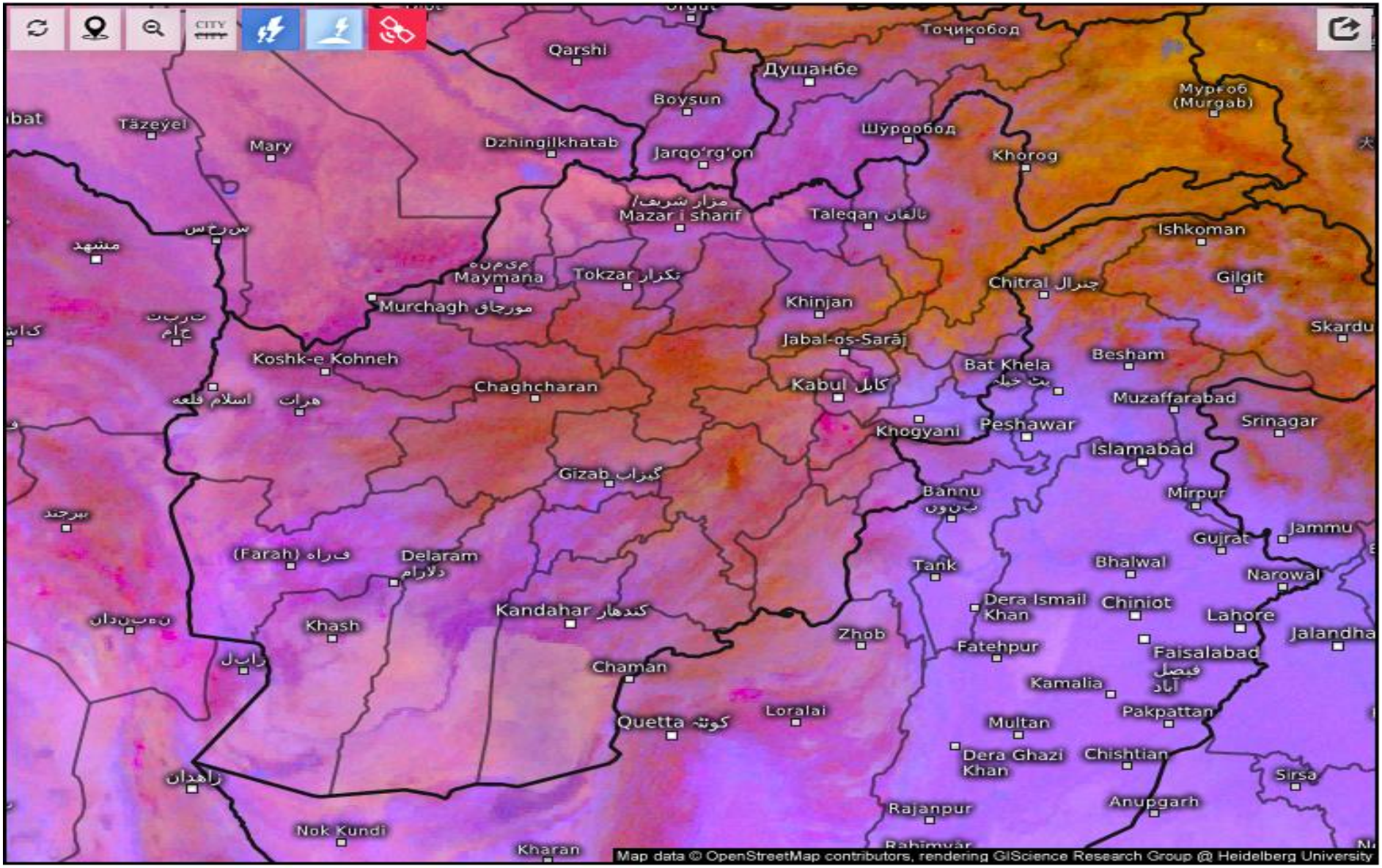
Daily reports of Satellite imagery analysis. Date & Time: 16/10/2025, 00:00 UTC

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	√ weak	X	X	
3	West	/	✓	X	X	X	√ dry	X	X	
4	East	/	X	X	✓	X	√ weak	X	X	
5	central	/	X	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	√ dry	X	X	
9	Southwest	/	✓	X	X	X	√ weak	X	X	

- **Details:** According to satellite imagery analysis, the southern, western, southwestern and northwestern areas have dust. The eastern areas have cloudy sky. The all region have weak water with the exception of western and northwestern areas have dry water vapor.

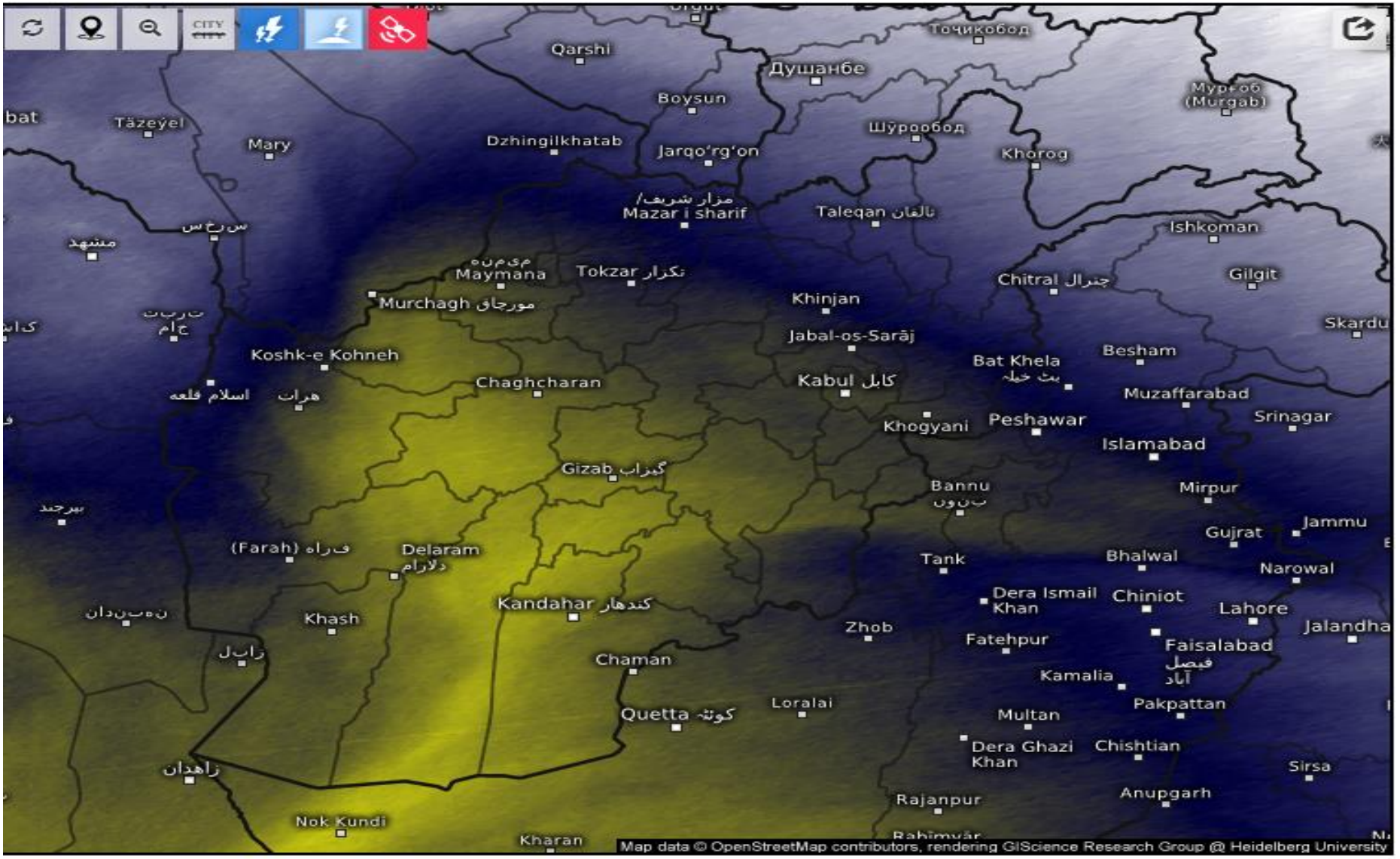
Note: X (Not existing phenomena), √ (exist phenomena)

- Reported by: Esmatullah Mohammadi



Satellite Dust

Thu 10/16/2025, 04:00am GMT+0430



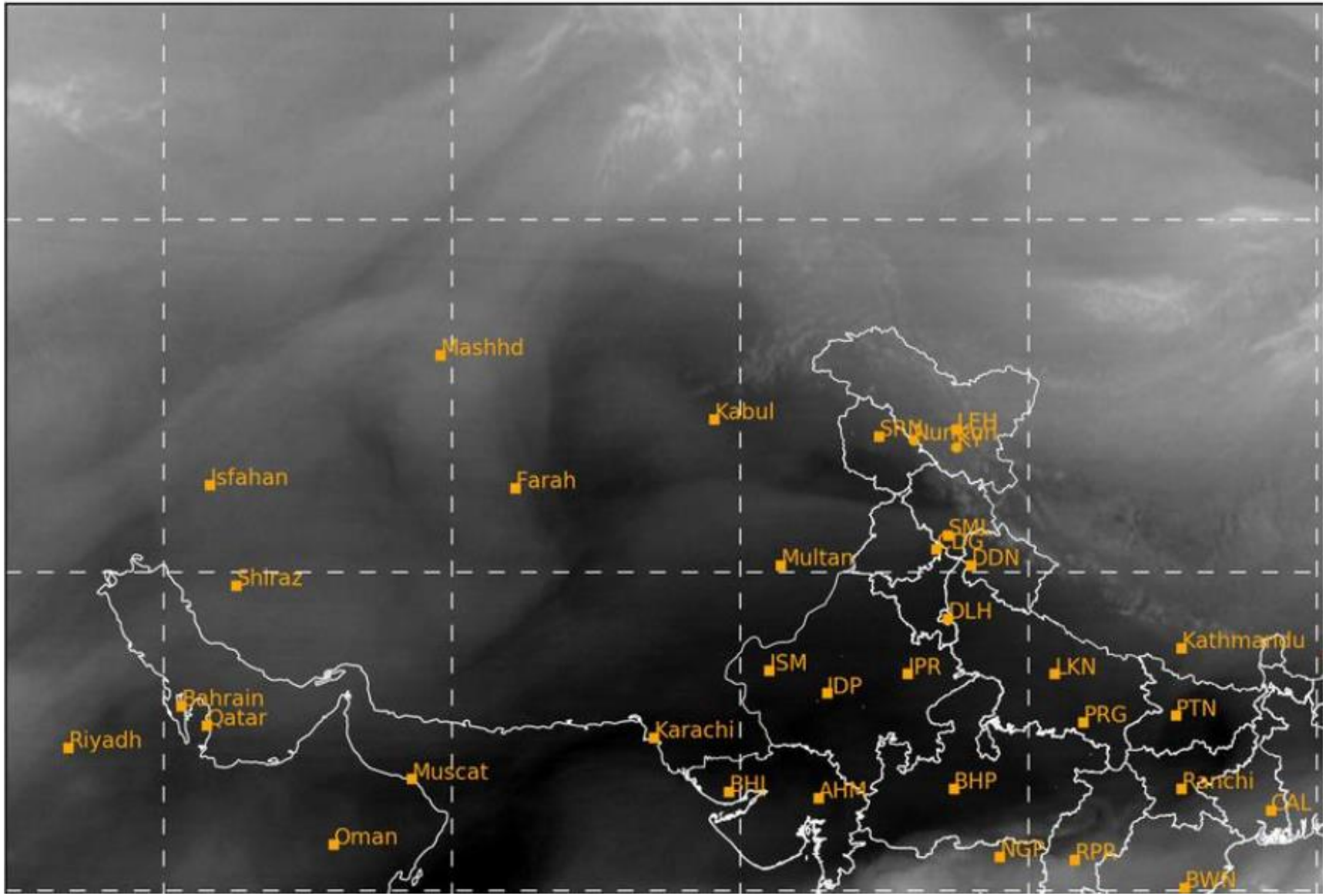
Satellite Water Vapor

Thu 10/16/2025, 04:00am GMT+0430

wet/cold — dry/warm

SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

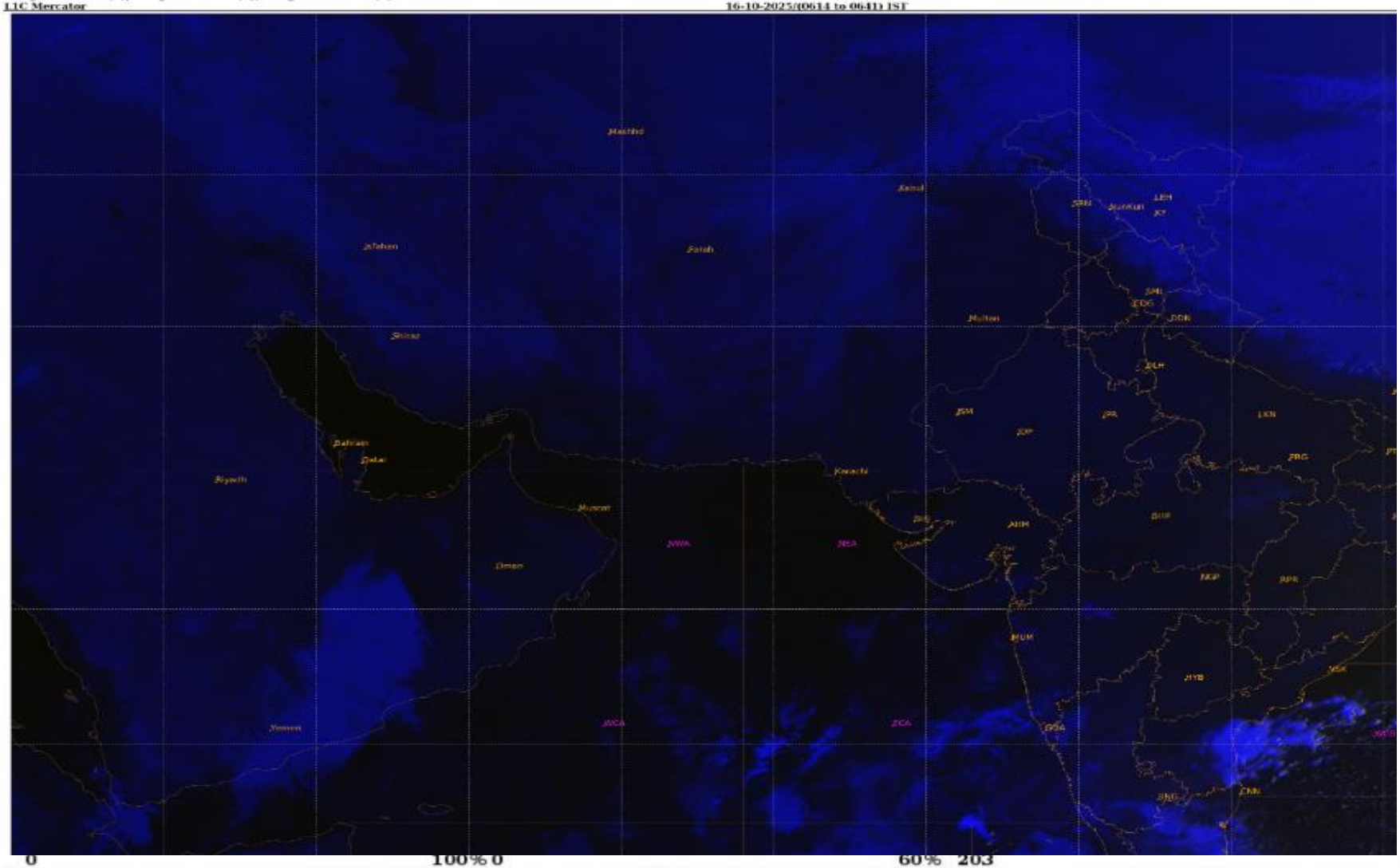
16-10-2025/(0044 to 0111) GMT
16-10-2025/(0614 to 0641) IST



SAT : INSAT-3DR IMG
IMG_VIS 0.65 um(R), IMG_VIS 0.65 um(G), IMG_TIR1 10.8 um(B)
L1C Mercator

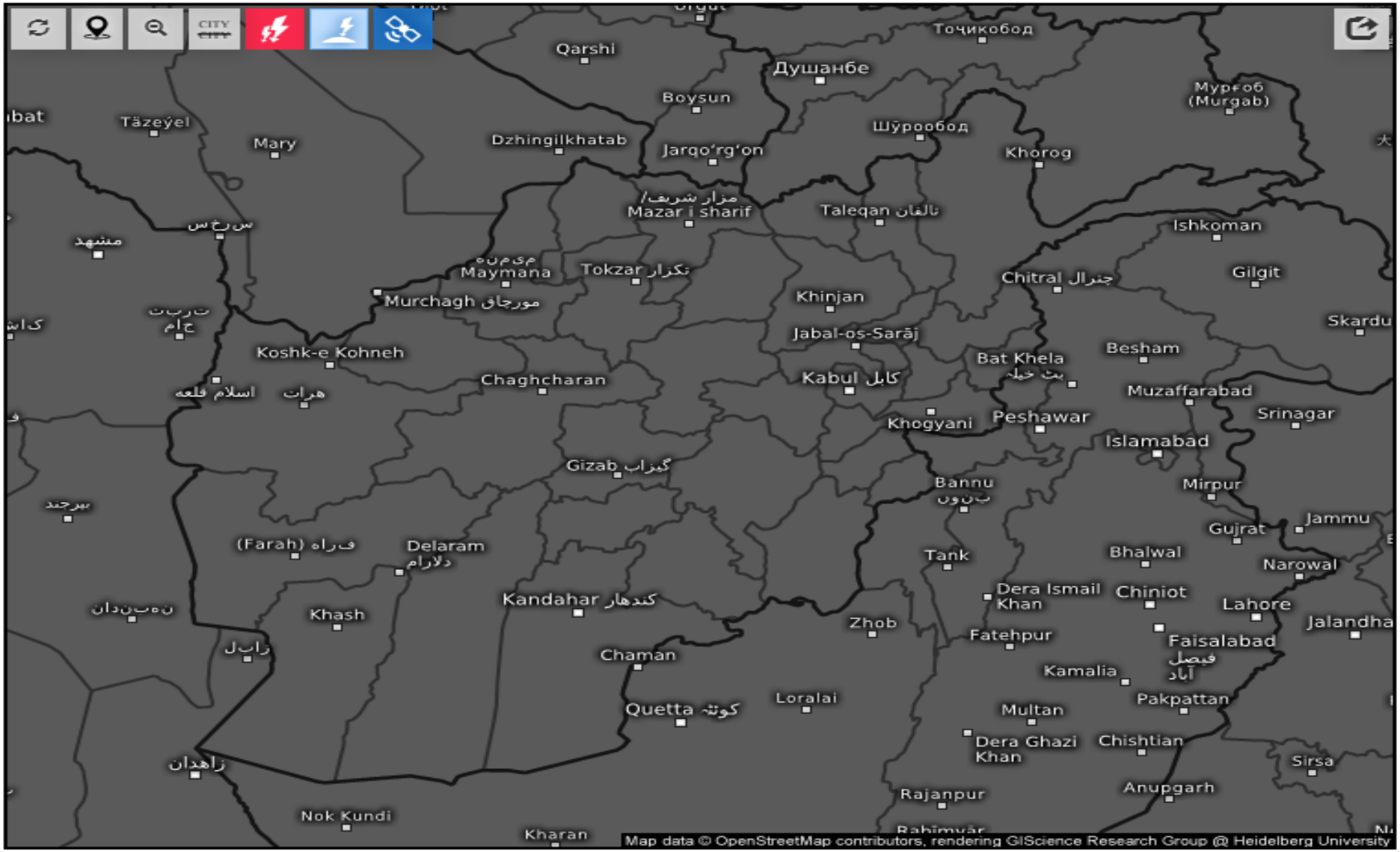
16-10-2025/(0044 to 0111) GMT

16-10-2025/(0614 to 0641) IST



0 100% 0 60% 203 323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust



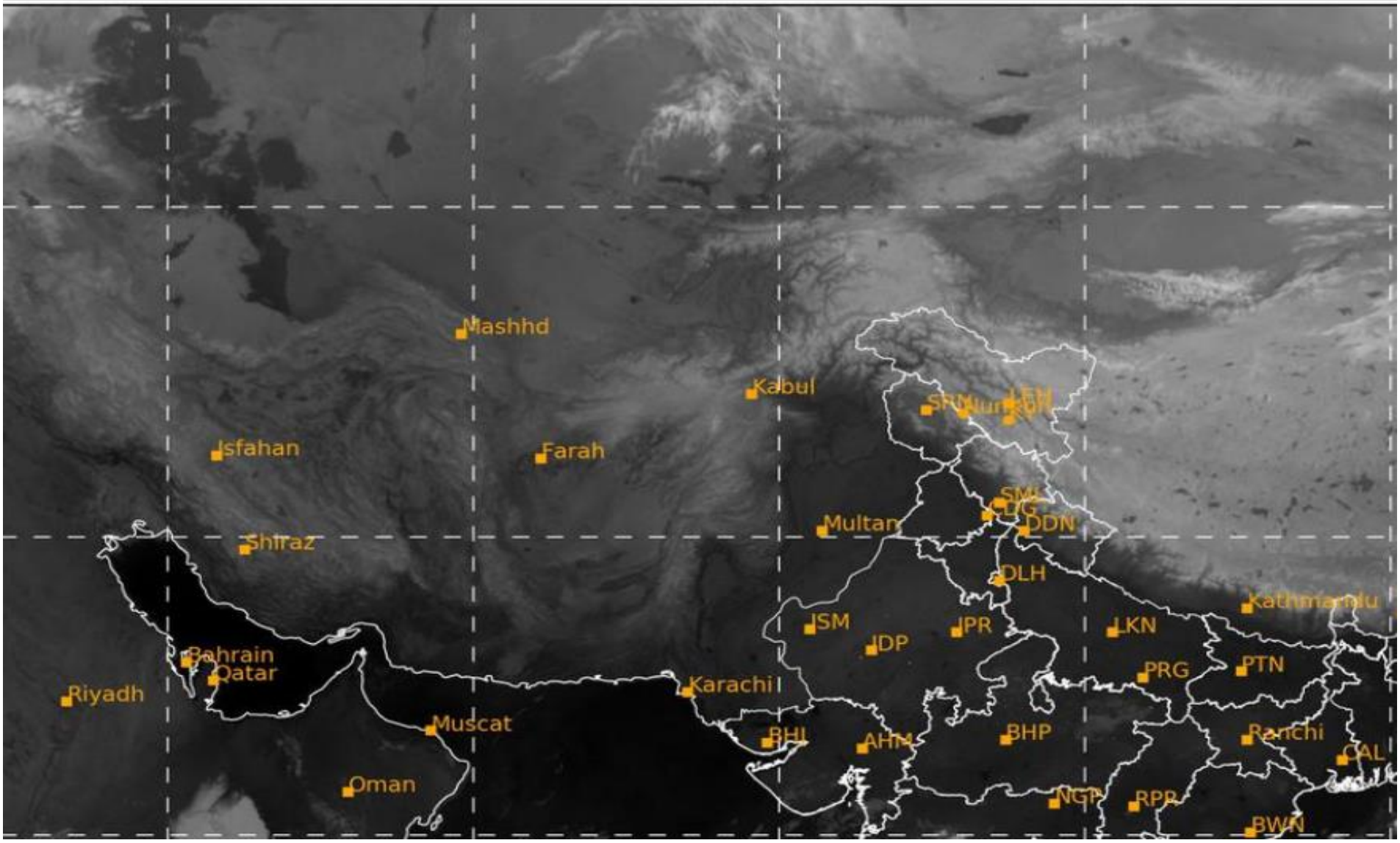
Age of lightning (minutes)

Thu 10/16/2025, 04:00am GMT+0430

0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60

SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

16-10-2025/(0044 to 0111) GMT
16-10-2025/(0614 to 0641) IST



Live satellite map, Afghanistan