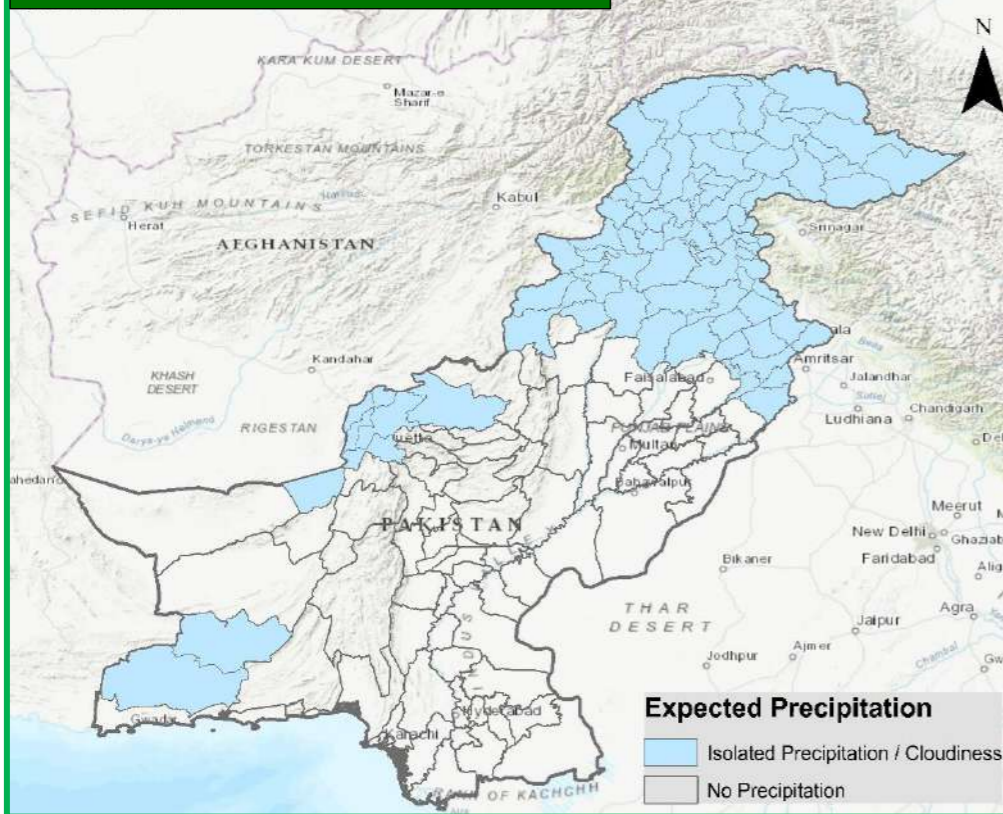




# NDMA EXECUTIVE UPDATE – WINTER HAZARDS (15 Dec 2023)



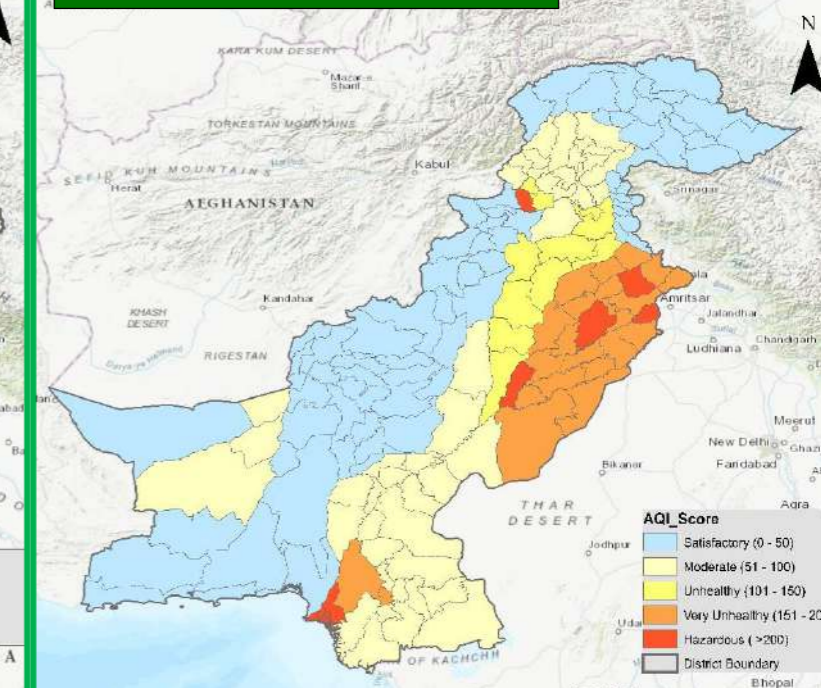
### NDMA Rainfall Forecast (15 to 22 Dec, 2023)



### NDMA Snow Forecast (15 to 22 Dec, 2023)



### NDMA AQI Forecast (15 to 22 Dec, 2023)



**Expected Precipitation**

- Isolated Precipitation / Cloudiness
- No Precipitation

**Snowfall**

- Snow
- No Snow

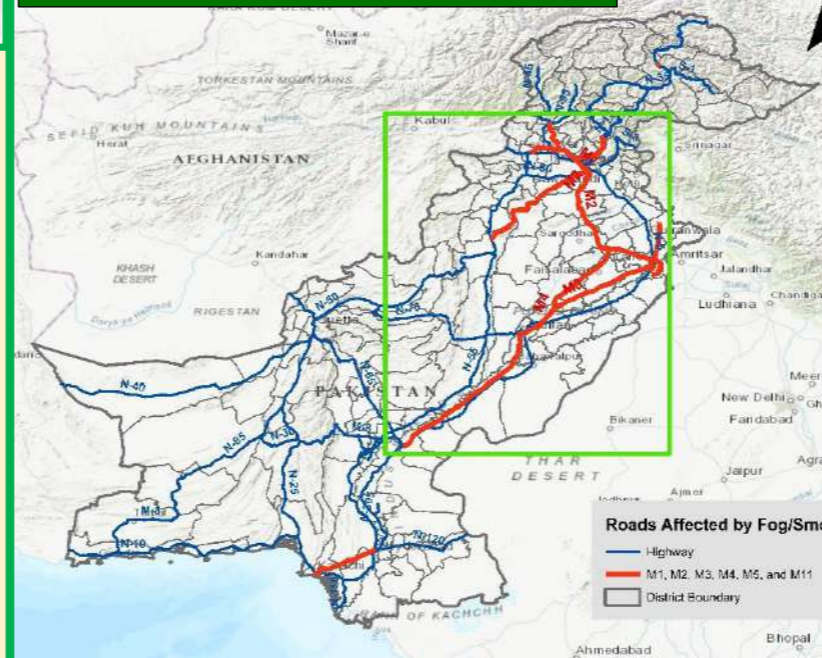
**AQI Score**

- Satisfactory (0 - 50)
- Moderate (51 - 100)
- Unhealthy (101 - 150)
- Very Unhealthy (151 - 200)
- Hazardous (>200)
- District Boundary

### TOP RAIN / SNOW RECORDED LAST 24 HOURS (MM)

- **Balochistan.** Yes
- **Khyber Pakhtunkhwa.** Nil
- **Punjab.** Nil
- **Sindh.** Nil
- **Gilgit-Baltistan.** Nil
- **State of AJ&K.** Nil
- **Islamabad Capital Territory.** Nil

### Affected Roads by Fog/Smog (15 to 22 Dec, 2023)



**Roads Affected by Fog/Smog**

- Highway
- M1, M2, M3, M4, M5, and M11
- District Boundary

### Impact of Rain/Snow (15 to 22 Dec, 2023)



**Expected Impact**

- Low Impact
- No Impact

### FORECASTED IMPACTS

- No **adverse weather systems** expected during this week (8 - 15 Dec 23)

### WEATHER FOR NEXT 24 hours

- **Balochistan.** Mainly **dry weather** while **cold temperature conditions** will persist in all parts of the province, **Light Snow** is expected in North-western of the Balochistan.
- **Khyber Pakhtunkhwa.** **Cloudy weather along with isolated rainfall** is expected in most areas. Moreover, **cold temperature conditions with Fog** during morning and night times is likely to persist in all parts of the province.
- **Punjab.** **Cloudy weather along with isolated rainfall**, while **Fog/Smog conditions** will persist during morning and night times in parts of the province.
- **Sindh.** **Dry weather** with **cool nights and foggy / misty mornings** are expected to prevail over the province.
- **Gilgit Baltistan.** **Cold** weather is expected with **light snow** and **rainfall** at high elevated areas of the province.
- **State of AJ&K.** **Cold weather** with **Cloudiness** and **isolated rainfall/snow** in most parts of province.
- **Islamabad Capital Territory.** **Cold and partly cloudy weather is likely** to persist along with **isolated rainfall**.

### GUIDANCE ISSUED

- PDMA's to undertake **regular public awareness on all media channels / social media** to maximise general public's **knowledge on risks associated with winter season**; colder temperatures, freezing rain, snowfall, fog, smog, etc.
- NHA / FWO / Local C&W Depts to **ensure pre-placement of machinery** and **timely clearance of snow from roads / highways**.
- Rescue Services, Armed Forces and leading NGOs / CSOs to **ensure availability of personnel / equipment** in the indicated areas & **be on stand-by for rapid response** in case of any forecasted adverse weather systems.

### WEATHER OUTLOOK – TOURIST LOCATIONS – NEXT 7 DAYS

| Locations     | Isolated Thunderstorm/Rain / Snowfall | Temperature (°C) |
|---------------|---------------------------------------|------------------|
| Murree        | Light Snow                            | -2 to 8          |
| Galiyat       | Snow                                  | -5 to 5          |
| Naran         | Snow                                  | -7 to 5          |
| Kaghan        | Snow                                  | -5 to 7          |
| MalamJabba    | Snow                                  | 4 to 9           |
| Kalam         | Snow                                  | -9 to 3          |
| Neelum        | Snow                                  | -9 to 4          |
| Naltar Valley | Snow                                  | -11 to 3         |
| Rattu         | Snow                                  | -8 to 1          |
| Skardu        | Snow                                  | -11 to 3         |

### Low Visibility Advisory

Drive cautiously on roads (M1, M2, M3, M4, M5 and M11) and link roads affected by fog/smog. Maintain a safe following distance and reduce speed to adapt to limited visibility.

Avoid High Beams because they can reflect off fog/smog particles, worsening visibility. Stick to low beams instead. Use fog lights to improve visibility close to the ground.

Stay tuned to weather updates and be aware of any changes in visibility conditions during your journey.

### TOURIST ADVISORY

Tourists visiting areas susceptible to snow are advised to remain vigilant as light snow is expected in the region.

Tourists visiting northern areas of Pakistan are recommended to remain alert, as light snow, coupled with rainfall.

Tourists should be prepared for chilly temperatures, particularly during the evenings and early mornings while visiting Northern Areas of Pakistan including **Gilgit Baltistan, AJ&K & Upper parts of KPK.**