



F.2 (E)/2023-NDMA (MW/GLOF)  
**Government of Pakistan**  
**Prime Minister's Office**  
**National Disaster Management Authority**  
**ISLAMABAD**



Dated: 21 June 2023

Subject: **GLOF Alert for Khyber Pakhtunkhwa and Gilgit Baltistan**

Pakistan Meteorological Department (PMD) has issued a Glacial Lake Outburst Flood (GLOF) Alert for at-risk areas of Khyber Pakhtunkhwa and Gilgit Baltistan (enclosed as "**Annex-A**"). It is informed that temperatures are **expected to remain 4°C to 6°C higher than Normal** for the remainder of the week, creating heatwave like conditions in hilly / mountainous regions of KP and GB. However, **hot weather conditions are likely to subside** in the following week due to forecasted rainfall system. It is directed that all relevant stakeholders ensure vigilance and undertake regular monitoring of vulnerable / at-risk GLOF sites for formation of any glacial lakes and ensure the following: -

- a. Ensure that Local Administration of at-risk / vulnerable areas are vigilant in monitoring of vulnerable / at-risk GLOF sites.
  - b. Ensure the availability of Emergency Services and C&W / Equivalent Dept Personnel during the period.
  - c. Pre-place necessary equipment for rapid response in case of any eventuality.
  - e. Coordinate with Local Administrations and Concerned Departments (NHA, FWO and C&W) for the timely restoration of roads in case of any blockage obstruction / closures.
  - f. In-case of any eventuality, twice daily updates are to be shared with NDMA.
3. **Press Information Department (PID) Only**. Please ensure wider circulation and public awareness.
4. Forwarded for information / necessary action, please.

**(Muhammad Ali Khan)**  
**Director (Response)**  
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**(Distribution List Below)**

**Distribution List**

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ID: PRO, NDMA  
Deputy Director ICT, NDMA

**GLOF ALERT**

**Government of Pakistan  
Ministry of Aviation  
(Aviation Division)  
Pakistan Meteorological Department  
Islamabad, Pakistan**

**GLOF ALERT**

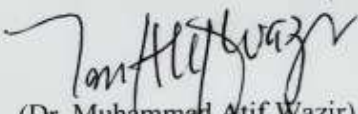
GLOF/Met-3(7)/2020/

Issue Date: 20<sup>th</sup> June, 2023

Issue Time: 12:00 PM

The temperatures in Gilgit-Baltistan (GB) and Khyber Pakhtunkhwa (KP), are expected to remain 04 – 06 °C higher than normal temperature of this week, followed by a rain bearing system during following week. The river inflows will increase and there are high chances of GLOF / Flash floods, in the vulnerable glaciated areas of Gilgit-Baltistan and Khyber Pakhtunkhwa.

2. The district administration, relevant local organizations, and local communities are advised to remain vigilant and observe precautionary measures due to expected GLOF / Flash floods in the aforementioned areas especially during Eid-ul-Adha.

  
 (Dr. Muhammad Atif Wazir)  
 Deputy Director  
 For Director General, PMD

**Distribution:**

- i. Chairman, National Disaster Management Authority (NDMA).
- ii. Secretary, Ministry of Climate Change, Islamabad
- iii. Chairman, Federal Flood Commission (FFC), Islamabad.
- iv. Director General, Gilgit-Baltistan Disaster Management Authority (GBDMA).
- v. Director General, Provincial, Disaster Management Authority, Khyber Pakhtunkhwa.
- vi. National Project Director, Pakistan GLOF-II Project, Ministry of Climate Change.
- vii. National Project Manager, Pakistan GLOF-II Project, 6<sup>th</sup> Floor, Serena Hotel, Islamabad.
- viii. Project coordinator, Pakistan GLOF-II Project, Gilgit-Baltistan
- ix. Project coordinator, Pakistan GLOF-II Project, Khyber Pakhtunkhwa
- x. Chairman, Rescue 1122, Gilgit and Khyber Pakhtunkhwa
- xi. Director, Regional Meteorological Centre, Gilgit
- xii. Director, Regional Meteorological Centre, Peshawar
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