

MOST IMMEDIATE / BY FAX



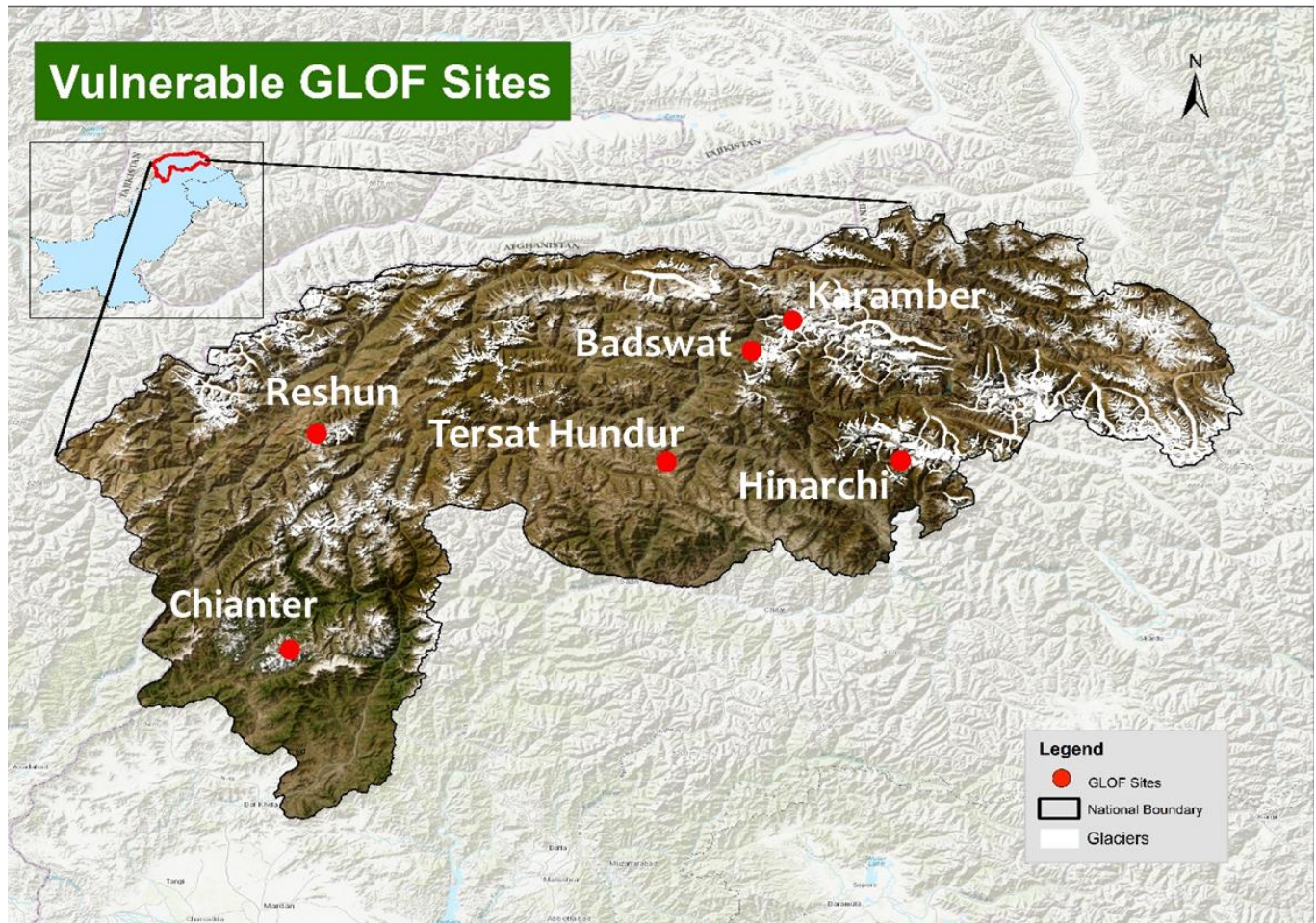
F.2 (E)/2024-NDMA (MW/GLOF-Alert)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD



Dated: 10 May 2024

Subject: **GLOF ALERT – GB & KP**

Rising temperatures and prevailing weather conditions are expected to keep **daytime temperatures 3-5°C higher than normal** resulting into increase in **glacial melting** and bring **rain / wind-thunderstorms** from 11-12 May 2024. This combination can **significantly increase the flow in streams and rivers, raising the possibility of GLOF events, flash floods, landslides / mudslides**, in vulnerable areas of GB and KP (PMD GLOF Alert / NDMA Tech Team GLOF Risk Projections) enclosed as **“Annex-A&B”**). Map outlining the most vulnerable GLOF sites in GB and KP is as under: -



2. In light of prevailing situation all concerned Federal Ministries / Departments, respective Provincial Governments, their line departments including PIDs/ PDMA KP/ GBDMA, District Administrations / DDMA and Municipal Administrations are advised to ensure following: -
- a. PDMA KP / GBDMA / Respective DDMA to **undertake proactive monitoring and surveillance of vulnerable GLOF Sites** in order to **ensure timely early warning and response**.
 - b. DDMA to conduct **evacuation drills** in **at-risk communities** in order to **ensure full preparedness**.
 - c. All civic agencies / rescue services (Rescue 1122 / Fire Brigade / Ambulance / Civil Defence) to **remain alert and ensure availability of personnel and equipment** during the forecasted period.
 - d. **Mass awareness campaign for general public** on GLOFs in at risk areas covering following aspects: -
 - (1) Avoid **unnecessary movement** in such areas, especially the discharge nullahs/ streams and rivers.
 - (2) Risk, consequences and danger of **washing away of vehicles** in fast-flowing water channels.
 - (3) **Alerting general masses living in low-lying areas** to exercise extra caution including community-based alert system.
 - (4) **Evacuation plan** of at-risk community and its timely evacuation.
 - e. LEAs/ Traffic Police **advise travelers regarding likely situations** / dangers and safety measures.
 - f. NH&MP and Traffic Police to **coordinate** with **Law Enforcement Agencies** to **manage** and **redirect traffic** from affected areas to safer areas, to prevent congestion and facilitate emergency response efforts.
 - g. PDMA KP / GBDMA / Respective DDMA to ensure that **safe evacuation sites** are **fully stocked and ready for utilisation** in case of any eventuality.
 - h. Preplace **necessary emergency equipment** at vulnerable / strategic locations to **expedite response efforts** and complete stocking / replenishment of stocks.
 - i. Coordinate with concerned departments (NHA, FWO and C&W) for **restoration of roads** in case of any blockage / obstruction / closures and **preplacing** of **necessary emergency equipment** at vulnerable / strategic locations.

- j. Local Administration / Police / Rescue Services to **alert population residing in low lying areas.**
 - k. Ensure **round the clock monitoring mechanism/** arrangements through **all possible means / resources**, especially involving the local communities for immediate dissemination of early warnings.
 - l. In-case of any eventuality, routine updates will be shared with NDMA.
3. **Press Information Department (PID) Only.** With the request to ensure wider circulation and public awareness.
4. Forwarded for information / necessary action, please.



(Hammad Sadiq Rana)
Director (Response)

Tel No: 051-9087128
Fax No: 051-9030729

To: Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar
Chief Secretary, Government of Gilgit-Baltistan, Gilgit
Director General, PDMA Khyber Pakhtunkhwa, Peshawar
Director General, GBDMA Gilgit Baltistan, Gilgit
Director General, Rescue 1122 KP, Peshawar
Director General, Rescue 1122 GB, Gilgit
Chairman, National Highways Authority (NHA), Islamabad
Principal Information Officer, Press Information Department, Islamabad
Headquarters, Frontier Works Organization (FWO), Rawalpindi
National Transmission & Dispatch Company, Islamabad
Headquarters, National Highways & Motorway Police, Islamabad
Headquarters, FCNA Gilgit

Cc: Secretary to Prime Minister, PM Office, Islamabad
Chairman Federal Flood Commission, Islamabad
Secretary, Cabinet Division, Islamabad
Secretary, Ministry of Climate Change, Islamabad
Joint Crises Management Cell, Joint Staff Headquarters, Chaklala
Military Operations Directorate (MO-4), General Headquarters, Rawalpindi

ID: PRO, NDMA
Deputy Director ICT, NDMA



Government of Pakistan
Ministry of Aviation (Aviation Division)
Pakistan Meteorological Department
Research and Development Division
Islamabad, Pakistan

GLOF ALERT

GLOF/Met-3(7)/2020/

Dated: 09 May 2024

Considering ambient atmospheric condition that are facilitating a rapid increase in air temperature, the risk of Glacial Lake Outburst Floods (GLOF) in glaciated regions is increasing. Between the 8th and 10th of May, temperatures in the region are expected to remain 3-5 degrees Celsius above normal, potentially causing accelerated glacial melt. Additionally, rain, wind, and thunderstorms are forecasted for the 11th and 12th of May, increasing the likelihood of triggering a GLOF event or flash floods in the vulnerable snow-covered and glaciated areas of Gilgit-Baltistan (GB) and Chitral.

(DR. MUHAMMAD ATIF WAZIR)
Deputy Director,
For Director General, PMD

Distribution:-

1. Chairman, National Disaster Management Authority (NDMA).
2. Director General, Gilgit-Baltistan Disaster Management Authority (GBDMA).
3. National Project Manager, Pakistan GLOF-II Project, 6th Floor, Serena Hotel, Islamabad.
4. Project Coordinator, Pakistan GLOF-II, Gilgit-Baltistan.
5. Chairman, Rescue 1122, Gilgit
6. SPS to Director General, PMD
7. Director, RMC, Gilgit.
8. Web Master.

GLOF RISK PROJECTION MAP

