

**MOST IMMEDIATE**

F.2 (E)/2025-NDMA (MW/GLOF Alert)  
**Government of Pakistan**  
**Prime Minister's Office**  
**National Disaster Management Authority**  
 Near ITP Office, Main Murree Road ISLAMABAD

Dated: **4 July 2025**Subject: **GLOF ALERT - GB & KP**

Due to a significant rise in temperatures and upcoming weather system in Northern Pakistan, the risk of **Glacial Lake Outburst Floods (GLOFs)** is likely to increase in glaciated regions of **Gilgit-Baltistan and Khyber Pakhtunkhwa**. The persistent high temperatures may accelerate snow and glacier melt and subsequent events trigger GLOF incidents in **vulnerable valleys and surrounding regions** during the current and coming week.

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's and Municipal Administrations are advised to ensure following: -

- a. PDMA KP / GBDMA / Respective DDMA's to **undertake proactive monitoring and surveillance** of **vulnerable GLOF Sites** in order to **ensure timely early warning, evacuation and response**.
- b. DDMA's 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's 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 heightened risk, **controlled breaching** of vulnerable **GLOF sites** may be coordinated with the concerned departments, to prevent **sudden outburst** events.
  - m. **Tourists** are advised to **avoid trekking** in **glacier-prone areas**, refrain from taking **pictures** or **videos near glaciers**, and strictly avoid going **close** to **glacier sites** to prevent any **untoward eventuality**.
  - n. In-case of any eventuality, routine updates will be shared with NDMA.
  - o. Map outlining the most vulnerable GLOF sites in KP & GB is as attached at **(Annex-A)**.
3. **Press Information Department (PID) Only.** With the request to ensure wider circulation and public awareness.
4. Forwarded for information / necessary action, please.



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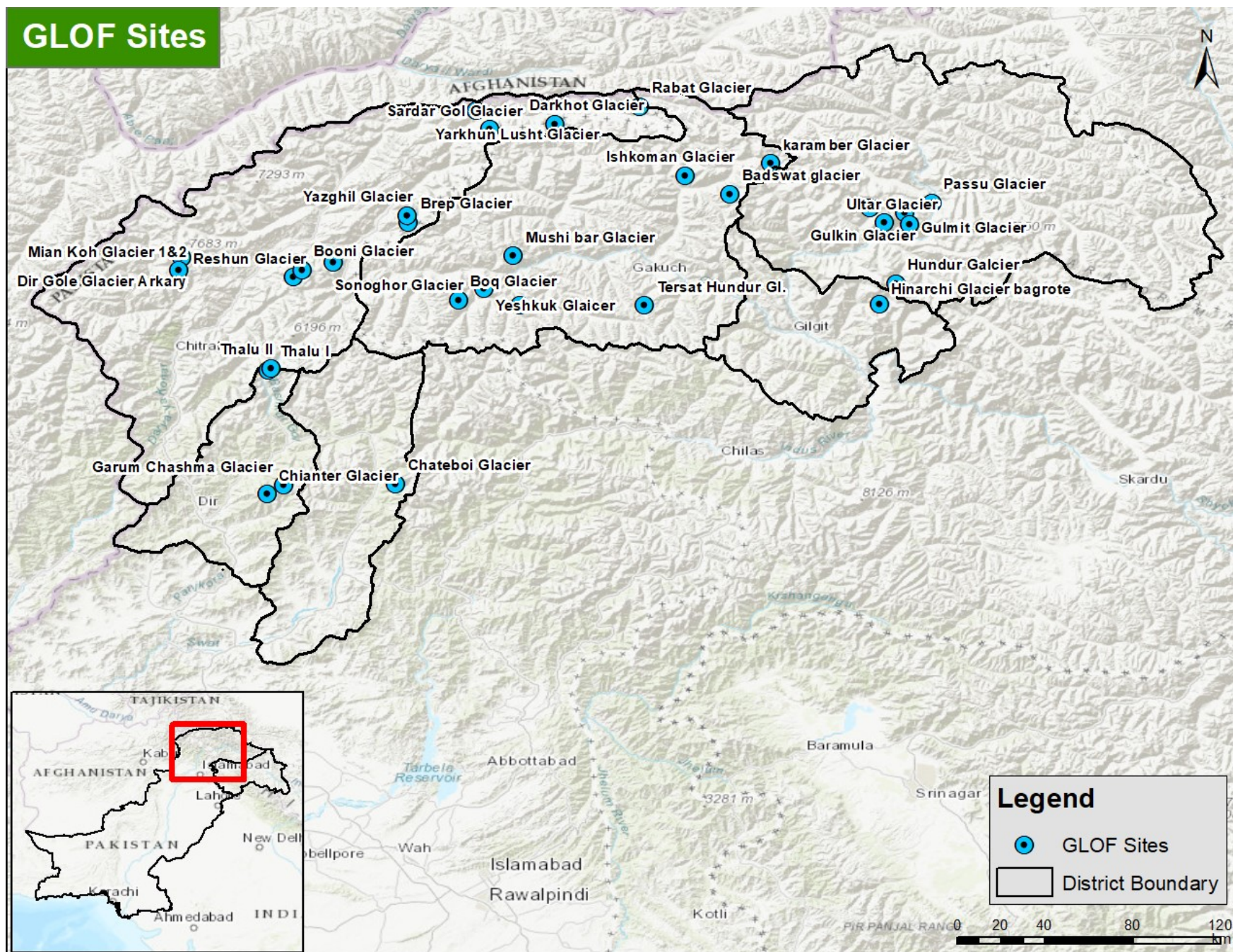
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Military Operations Directorate (MO-4), General Headquarters, Rawalpindi Cantt  
Engineers Directorate, General Headquarters, Rawalpindi Cantt  
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Government of Pakistan  
Ministry of Defence (Defence Division)  
Pakistan Meteorological Department  
Research and Development Division  
Islamabad, Pakistan


**GLOF ALERT**

GLOF/Met-3(7)/2020/2834

Dated: 04<sup>th</sup> July 2025  
Issue Time: 11:00 AM

Due to a significant rise in temperatures and upcoming weather system in Northern Pakistan, the risk of Glacial Lake Outburst Floods (GLOFs) is very likely to increase in glaciated areas of Gilgit-Baltistan and Khyber Pakhtunkhwa. The persistent high temperatures may accelerate snow and glacier melt and subsequent weather events, potentially triggering GLOF and flash floods incidents, in vulnerable valleys and surrounding regions during the current and upcoming week.

2. All concerned are advised to remain alert and take necessary measures to avoid any untoward situation.

  
**Zeenat Yasmeen**  
Meteorologist  
For Chief Meteorologist  
PMD

**Distribution:-**

1. Chairman, National Disaster Management Authority (NDMA).
2. Secretary, Ministry of Climate Change, Islamabad.
3. Chairman, Federal Flood Commission (FFC), Islamabad.
4. Director General, Gilgit-Baltistan Disaster Management Authority (GBDMA).
5. Director General, Provincial Disaster Management Authority, Khyber Pakhtunkhwa.
6. National Project Manager, Pakistan GLOF-II Project, 6<sup>th</sup> Floor, Serena Business Complex, Islamabad.
7. Project Coordinator, Pakistan GLOF-II, Khyber Pakhtunkhwa.
8. Project Coordinator, Pakistan GLOF-II, Gilgit-Baltistan.
9. Chairman, Rescue 1122, Gilgit-Baltistan/ KPK.
10. SPS to Director General, PMD.
11. Chief Met Drought/Meteopak Section, PMD Islamabad.
12. Director, RMC, Gilgit/ Peshawar. (To please dissemination further at District level).
13. Director, National Weather Forecasting Center (NWFC), PMD HQs.
14. Environmental Protection Agency- Gilgit-Baltistan and Khyber Pakhtunkhwa
- ✓ 15. Web Master.