



No. PDMA/PEOC/G-Advi-01-08/2026

Dated Peshawar the 30th August, 2026

To

The Deputy Commissioner,

1. Chitral Upper
2. Chitral Lower
3. Dir Upper
4. Bar Swat
5. Swat
6. Kohistan Upper
7. Mansehra

Subject: GLOF ALERT

Dear Sir,

I am directed to refer to the subject cited above and to state that the Pakistan Meteorological Department (PMD), Research & Development Division, Islamabad, has informed that in view of the prevailing and forecasted meteorological conditions, temperatures are likely to rise and remain relatively high during the coming days over the northern parts of Pakistan, particularly the glaciated valleys of Khyber Pakhtunkhwa. Furthermore, a rainfall spell is expected to affect different areas of Khyber Pakhtunkhwa from **Monday night (31st August) to Friday (4th September)**.

The combined impact of the sharp temperature rise and subsequent moderate-to -heavy rainfall over glaciated areas will significantly accelerate snow and ice melting. Therefore, water levels in rivers, stream and local nullahs may rise rapidly. Consequently, there is an **elevated risk of Glacial Lake Outburst Flood (GLOF) events, flash floods, landslides, permafrost thawing and heavy mud/debris flows across vulnerable mountain valleys**.

Possible Impacts:

- Downstream settlements, low-lying areas and communities located near river and stream channels may face the risk of high flows and flash flooding.
- Additional meltwater and rainfall runoff may increase the inflow into existing glacial lakes, causing a rapid rise in their water levels. This may put additional pressure on natural ice and moraine barriers and increase the possibility of a sudden glacial lake outburst in vulnerable valleys.
- Heavy rainfall over steep and narrow catchments may generate rapid surface runoff, resulting in flash floods. Such events may occur very rapidly and can affect houses, roads and other infrastructure located along natural drainage channels.
- High flows, flash floods and slope failures may damage roads, bridges, agricultural land, communication networks and other essential infrastructure. Communities living downstream of glacier-fed streams and rivers may remain particularly vulnerable.
- The thawing of permafrost, combined with excess surface water, can trigger heavy mud and debris flows down mountain slopes.



- Landslides and debris flows may block roads and isolate remote communities, particularly in narrow valleys and mountainous areas where alternate routes and emergency access are limited.

In view of the above weather conditions, you are requested to kindly take all necessary precautionary measures to avoid any loss of life/ livestock and damages to infrastructure/ crops. Furthermore, all concerned authorities are requested to take the following safety measures:

- a) **Undertake proactive monitoring and surveillance** of vulnerable GLOF Sites in order to ensure timely early warning and response.
- b) To conduct **evacuation drills** in at-risk communities in order to ensure full preparedness.
- c) To ensure that safe **evacuation sites** are fully stocked and ready for utilization in case of any eventuality
- d) **To alert** population residing in low lying areas.
- e) Ensure that **local community** of at-risk/ vulnerable areas is forewarned.
- f) Ensure the **availability of Emergency/ Rescue Services personnel and C&W/ equivalent departments** during the period.
- g) **Pre-place necessary emergency equipment** for rapid response in case of any eventuality.
- h) **Mass awareness campaign** for general public on GLOFs in at risk areas covering following aspects: -
 - i. Avoid proximity to riverbanks and stream beds during the heatwave period.
 - ii. Avoid unnecessary movement in such areas, especially the discharge nullahs / streams and rivers.
 - iii. Risk, consequences and danger of washing away of vehicles in fast-flowing water channels.
 - iv. Monitor local nullahs for sudden changes in water color (muddiness) or unusual sounds (grinding rocks)
 - v. Alerting general masses living in low-lying areas to exercise extra caution including community-based alert system.
 - vi. Secure livestock and essentials in higher safe grounds
 - vii. Coordinate closely with community Based Disaster Risk Management Committees (CBDRMCs)
 - viii. Maintain active communication links with technical focal persons in remote valleys.
 - ix. Evacuation plan of at-risk community and its timely evacuation.
 - x. Refrain from camping, trekking, or staying near riverbanks, streams, glacial lakes and narrow mountain valleys.
- i) **Tourists/ Travelers** in at-risk/ vulnerable areas be forewarned of risk and advised to avoid any unnecessary travel.



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- j) **Coordinate** with **Concerned Departments (NHA, FWO and C&W)** for the timely restoration of roads/ bridges in case of any blockage, obstruction/ closures and damage.
- k) In case of heightened risk, controlled breaching of vulnerable GLOF sites may be coordinated with the concerned departments, to prevent sudden outburst events
- l) In-case of any eventuality, routine updates will be shared with PEOC, PDMA i.e., active round the clock via toll free helpline 1700.

(Fahad Tahir)
Incharge PEOC, PDMA

Endst: of Even No. & Date:

Copy forwarded for information and necessary actions to the: -

1. Principal Secretary, Chief Minister's Secretariat, Govt. of Khyber Pakhtunkhwa
2. Additional Chief Secretary, Home & Tribal affairs Department Govt. of Khyber Pakhtunkhwa
3. Secretary, Information Department, Govt. of Khyber Pakhtunkhwa
4. Secretary, Tourism Department, Govt. of Khyber Pakhtunkhwa
5. Secretary, C&W Department, Govt. of Khyber Pakhtunkhwa
6. Secretary, LG&RD Department, Govt. of Khyber Pakhtunkhwa
7. Divisional Commissioners' Malakand & Hazara, Khyber Pakhtunkhwa.
8. Director General, Rescue 1122, Govt. of Khyber Pakhtunkhwa.
9. The Headquarter, 11 Corps, Peshawar
10. Director, Information and Public Relations Department Peshawar
11. Director Response, NDMA Islamabad
12. Director, Civil Defense, Govt. of Khyber Pakhtunkhwa
13. PSO to Chief Secretary, Govt. of Khyber Pakhtunkhwa
14. Project Director (PEOC) PDMA, Khyber Pakhtunkhwa
15. Reporting Officers', PDMA, Malakand & Hazara Division, Khyber Pakhtunkhwa
16. PS to Secretary, RR&S Department, Govt. of Khyber Pakhtunkhwa
17. PA to Director PMD, Regional MET Office, Peshawar
18. PA to Director General, PDMA, Khyber Pakhtunkhwa
19. PA to Director (Relief) PDMA, Khyber Pakhtunkhwa
20. PA to Director (DRM) PDMA, Khyber Pakhtunkhwa

Incharge PEOC, PDMA