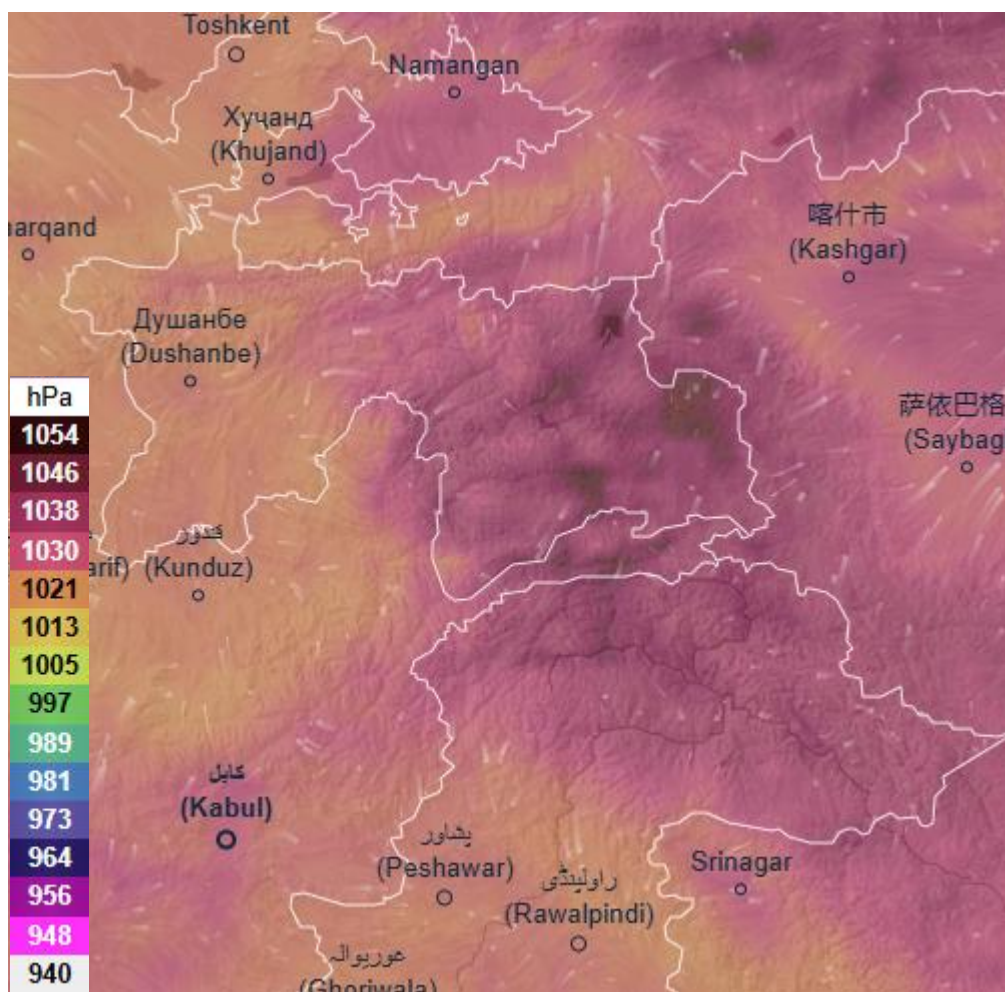




Continental high pressure surge over Central Asia



Potentially Affected Areas

Eastern & central Tajikistan (Pamirs, Gorno-Badakhshan), northern Afghanistan (Badakhshan, Kunduz–Baghlan corridor), northern Pakistan (Chitral, Upper Dir, Swat, Gilgit-Baltistan, AJK).

Hazard Types

High pressure and imminent cold wave

Hazard Summary

A strong, cold continental high-pressure system is anchored over the Pamirs and eastern Tajikistan, with pressure ridging extending south-southeast toward northern Afghanistan and northern Pakistan. This pattern favors intense radiational cooling, resulting in sharp nighttime temperature drops, frost, and cold wave conditions, particularly in valleys and elevated terrain where cold air pools efficiently. Daytime



**Government of Pakistan
National Disaster Management Authority
Prime Minister's Office Islamabad**



temperatures remain suppressed, wind chill increases in exposed areas, and the persistence of the high can prolong cold spells, stressing ecosystems, agriculture, water systems, and human health until the pressure pattern weakens or shifts.