



RESOURCE

# State of the Climate 2022 (Bhutan)

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## Description / Abstract

The National Centre for Hydrology and Meteorology (NCHM) is the national focal agency responsible for studying, developing and providing services on meteorology, hydrology and the cryosphere. The hydro meteorological services play a major role in climate change, disaster risk reduction and sustainable development. The core mandate of the Centre is to provide early warning information that helps the nation to protect lives and properties from the impacts of climate change and variability. Changes in climate and its variation presents both risks and opportunities and it affects all aspects of the domain. With precarious mountainous terrain topography, Bhutan is exposed to several hazards including flash floods, GLOF (Glacial Lake Outburst Flood), landslides, cyclone induced storms and erratic rainfall affecting the lives and livelihoods of the people. The planners and developers will require the information on various fields such as weather and climate, water resources and glaciers and glacial lakes for effective planning, management and making a sustainable approach to the changing climate patterns. Therefore, NCHM strives to deepen the scientific understanding of weather and climate, hydrological and cryosphere services to improve public information about the impacts of a changing climate. NCHM will continue to provide a seamless suite of weather and climate services and facilitate efforts to identify and address the climate-related needs of planners and decision makers in various social and economic sectors.

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