

Talking about cyclones and its impacts

Class Objective: I will be able to talk about cyclones and its impacts in Kannada.

Concept A: What Are Cyclones?

Cyclones are nothing but ocean storms. In simple words, these are storms that take place on a large water body, specifically the ocean. The water spins around an area of low pressure, which is called by the technical term eye.

The eye is right in the centre of these storms, and the outer portions of the spinning storm give rise to immense wind and rainfall. The causes of cyclones are a continuous rise of hot air and filling of the gap by cool air around.

What are the Types of Cyclones?

As already mentioned, cyclones are named differently as different places. However, they are classified into multiple types as well, based on their place of origin. Here is a brief explanation of how are cyclones formed along with their types -

- Tropical cyclones
- Polar cyclones
- Mesocyclones

All these three types have their common reason for cyclone formation. The differences between these types are primarily based on their place of occurrence.

What are the Causes of Cyclones?

As you look for cyclone causes and effects, go through the following points to gain clarity.

- They are caused in areas with lower atmospheric pressure.
- Usually, areas located near the equator face cyclones.
- What causes cyclones is the rising of warm air over the ocean surface.
- Once the warm air rises up, the surrounding cool air rushes into these empty space.
- The cool air heats up and again rises in the atmosphere.
- This process goes on taking place continuously.
- The rapid rise causes the formation of an eye-like structure in the centre.
- Likewise, the low-pressure area gets continually filled with high-pressure wind.

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This document describes the system architecture and the components of the system.

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- 2. **System Components**
- 3. **System Flow**

3. **System Flow**

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- 2. **System Flow Description**
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1. **Introduction**

This document describes the system architecture and components.

2. **System Architecture**

- 1. **System Overview**
- 2. **System Components**
- 3. **System Flow**

3. **System Components**

- 1. **System Overview**
The system is designed to provide a comprehensive solution for managing data and resources. It consists of several key components that work together to ensure efficient operation.
- 2. **System Components**
The system is composed of the following main components:
 - Database Layer**: Stores and manages the data used by the system.
 - Application Layer**: Contains the business logic and processing routines.
 - User Interface Layer**: Provides the means for users to interact with the system.
- 3. **System Flow**
The system flow describes the sequence of operations and data flow between the various components.

4. **System Flow**

- 1. **System Overview**
The system flow illustrates the process from user input to data storage and retrieval.

5. **Conclusion**

This document provides a detailed overview of the system architecture.

The system is designed to be scalable and flexible, allowing for future enhancements.

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