**Wind, Jet Stream & Local Winds**

**Wind**

* **The movement of air caused by differences in air pressure is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
* **Differences in air pressure are caused by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the Earth.**

* **Pressure differences cause air to \_\_\_\_\_\_\_\_\_\_\_\_ between the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**Jet Stream**

* **A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that blow in the upper troposphere and lower \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
* **Can reach maximum speeds of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Jet streams \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ follow regular paths.**
* **Jet streams affect the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**Local Winds**

* **Local winds move \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ distances and blow \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
* **Sea and Land Breezes**
  + **During the DAY, air over the \_\_\_\_\_\_\_\_\_\_\_\_ is cooler and forms an area of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pressure.**
    - **The cool air flows from the \_\_\_\_\_\_\_\_\_\_\_\_ to the \_\_\_\_\_\_\_\_\_\_\_\_ producing a \_\_\_\_\_\_\_\_\_\_\_\_ breeze.**
  + **At NIGHT, air over the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is cooler and forms an area of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pressure.**
    - **The cool air moves toward the ocean, producing a land breeze.**
* **Mountain and Valley Breezes**
  + **During the DAY, the air warms and warm air \_\_\_\_\_\_\_\_\_\_\_ the mountain slopes, creating a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ breeze.**
  + **At NIGHT, the air cools and cool air \_\_\_\_\_\_\_\_\_\_\_\_\_ the slopes into the valley, producing a \_\_\_\_\_\_\_\_\_\_\_\_ breeze.**

**Wind, Jet Stream & Local Winds**

**Wind**

* **The movement of air caused by differences in air pressure is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
* **Differences in air pressure are caused by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the Earth.**

* **Pressure differences cause air to \_\_\_\_\_\_\_\_\_\_\_\_ between the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**Jet Stream**

* **A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that blow in the upper troposphere and lower \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
* **Can reach maximum speeds of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Jet streams \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ follow regular paths.**
* **Jet streams affect the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**Local Winds**

* **Local winds move \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ distances and blow \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
* **Sea and Land Breezes**
  + **During the DAY, air over the \_\_\_\_\_\_\_\_\_\_\_\_ is cooler and forms an area of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pressure.**
    - **The cool air flows from the \_\_\_\_\_\_\_\_\_\_\_\_ to the \_\_\_\_\_\_\_\_\_\_\_\_ producing a \_\_\_\_\_\_\_\_\_\_\_\_ breeze.**
  + **At NIGHT, air over the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is cooler and forms an area of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pressure.**
    - **The cool air moves toward the ocean, producing a land breeze.**
* **Mountain and Valley Breezes**
  + **During the DAY, the air warms and warm air \_\_\_\_\_\_\_\_\_\_\_ the mountain slopes, creating a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ breeze.**
  + **At NIGHT, the air cools and cool air \_\_\_\_\_\_\_\_\_\_\_\_\_ the slopes into the valley, producing a \_\_\_\_\_\_\_\_\_\_\_\_ breeze.**