**Air Pressure and Winds**

**Air pressure**

Watch the video - <https://www.youtube.com/embed/cNh3N_1e4wQ>

1. What happens to the water level in the glass? Why?
2. In Which DIRECTION does the water go? Why?
3. How does this relate to atmospheric pressure in our ATMOSPHERE?

**Atmospheric pressure – High Versus Low**
Complete the table as a summary

|  |  |  |
| --- | --- | --- |
|  | High Pressure | Low Pressure |
| Is there more or less air? |  |  |
| Simple sketch diagram showing what happens |  |  |
| Is the air rising or sinking? |  |  |
| Typical pressure values | Up to 1050 millibars  | Down to 950 millibars |

**Skills Exercise**

1. What sort of pressure is found over Northern India and China in January?
2. What is happening to the air there?
3. What sort of pressure is found over Northern India and China in July?
4. What does that mean is happening to the air there in July?

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