ASSESSMENT ACTIVITY:

MS-ESS2-5. Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions.

<table>
<thead>
<tr>
<th>WEATHER</th>
<th>SUNDAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
<th>SATURDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sunny</td>
<td>Cloudy</td>
<td>Rain</td>
<td>Snow</td>
<td>Breezy</td>
<td>Sunny</td>
<td>Sunny</td>
</tr>
<tr>
<td>WINDS</td>
<td>South 5kts</td>
<td>South 8kts</td>
<td>South 12kts</td>
<td>NW 12kts</td>
<td>NW 18kts</td>
<td>North 12kts</td>
<td>North 5kts</td>
</tr>
</tbody>
</table>

1. Using the weather graph shown above, describe the relationship between atmospheric pressure and wind direction?

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2. What evidence presented on the weather graph shown above provides one possible reason for the observation of rain on Tuesday, but snow on Wednesday?

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