1) Temperatures rise close to the equator and fall as you move away from the equator.

2) Humidity falls as you move close to the equator and rises as you move farther away.

3) The south pole has an increase in cloudiness as latitude increases while the north has little change. The change it does present is consistent with the south pole in that cloudiness increases as latitude decreases. More research into this would be required for a definitive answer.