

Three trends I found in the data are:

- 1) There is a clear correlation between temperature and latitude. As the latitude increases towards the north or south poles, the temperature drops.
- 2) Interestingly, there is almost no relationship whatsoever between latitude and cloudiness in the southern hemisphere (r value of .00). For context, the same data created a very weak positive correlation in the northern hemisphere (r value of .21).
- 3) Correlations are generally weaker for all data sets in the southern hemisphere. I wonder if the difference in land masses and human populations makes weather patterns inherently different in the southern hemisphere.