List the data for each city from least to greatest number of cloudy days.

San Diego: 3, 8, 9, 10, 10, 15   Austin: 0, 6, 8, 9, 10, 11

There are six data points in each set. Each median is the average of the third and fourth data points.

San Diego: $\dfrac{9+10}{2} = 9.5$ and Austin: $\dfrac{8+9}{2} = 8.5$

The median number of cloudy days for the first six months of 2011 is greater for San Diego than for Austin.