The consequences of anthropogenic climate change are extensively debated throughout scientific papers, newspaper articles, and blogs. Newspaper articles may lack accuracy, while scientific papers may be too accurate for the public to understand the severity of their findings. Social media, however, is a place where individuals of many diverse backgrounds can share their thoughts and opinions on matters such as climate change. As we shift from the old media to the new, the social media site Twitter becomes a valuable source for analyzing current events and headline news. In this research, we collect tweets containing the word "climate" and perform a sentiment analysis spanning September 2008 to July 2014. We determine how the happiness of tweets containing the word "climate" varies in response to climate change news, climate change events, and natural disasters. Based on the words we uncover in our analysis, we conclude that responses to climate change news are predominately from climate change activists rather than climate change deniers, indicating that Twitter is a valuable and accurate source for climate change education.