

Are People's Moods Affected by the Weather?

This is an experiment to see if weather has any affect on the way different people feel. You will be evaluating subjects and getting their responses on both rainy and sunny days.

MATERIALS NEEDED:

- *Weather forecast
- *Approximately 50 test subjects
- *Computer *Printer
- *Notebook for analyzing results



EXPERIMENT PROCESS:

- *Create a survey to give your test subjects that analyzes their current mood.

Example questions could include:

Rate your current level of stress on a scale of 1 to 10. How many fights or disagreements have you had today? How many times have you honked your horn while driving in your car today? Rate how satisfied you are with your life on a scale of 1 to 10. How many good things have happened to you today? On a scale of 1 to 10, rate your current energy level.

- *Wait for a sunny day and ask as many test subjects as possible to take your survey. Give the survey at the end of the day to ensure that test subjects have been exposed to the weather long enough for it to have an effect. Include both males and females in a variety of different age groups.

- *Ask the same test subjects to repeat the survey at the end of an overcast, rainy day.

Analyze the surveys taken by each test subject.

Do you observe any patterns in your test subjects' response to each survey?

Do responses differ dramatically between the two days?

Are there certain groups of people that seem to be more influenced by the weather?