

For Release  
May 28, 1938

By Major A. H. Thiessen  
Science Service Meteorologist

Eclipse weather! There will be an eclipse of the sun tomorrow, May 29, but it will not be visible here. Many ask: Do eclipses affect the weather? There certainly should be some effect from the rather sudden shutting off the sunlight. Observation shows that the temperature falls definitely from the surface up to about 2,000 feet, and less up to one mile. This cooling effect results in slight winds, outward from the shadow at the surface, and toward the shadow aloft. The humidity increases with the falling temperature. Cumulus clouds decrease, but there is no change in the upper ones. While of no great consequence, these weather changes are what would be expected from theory.

-----