

For release  
April 16, 1940

By Major A. H. Thiessen  
Science Service Meteorologist

More air! Now that spring is really here people are again thinking of getting away from cities; some will go to the mountains for more air and less temperature. They are right. Mountain air is cooler on the whole than valley air. This is due to the fact that air temperature decreases about three degrees for every 1000 feet of elevation. This rate is not constant: sometimes it is more, sometimes less. During the day air is rising and in so doing cools by expansion. On a mountain there is also more wind, because the moving air is above the low levels where the wind is retarded by the friction of trees, houses and the ground itself.