

For release By Major A.H. Thiessen
Nov. 17, 1939 Science Service Meteorologist

Chemical warfare and wind! For a gas attack the wind must blow toward the enemy at speeds from three to twelve miles per hour. Wind of less than three miles is apt to be variable and thereby dangerous to those using gas; while wind with speed of more than twelve miles per hour scatters and mixes the gas with the air so much as greatly to diminish its effectiveness. Afternoons, especially in summer, are generally the worst part of the day to use gas, as there are then apt to be ascending currents; the best time is from midnight to dawn, as far as wind is concerned. Weather units of the army are very useful in forecasting weather for the gas units.
