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Ballistics! This is the art of throwing projectiles, and projectiles in their flight are influenced by weather conditions. Still air has its well-known slowing effect, but the amount of this changes as temperature, density and pressure changes. Air, however, is generally in motion and the correction for this must be known. Wind varies both in direction and velocity from the surface up to the highest elevation reached by the projectile. It is the duty of the weather unit of the army to observe the weather conditions and to give to the artillery the temperature and the calculated corrections called, "ballistic density" and "ballistic wind" that suitable corrections to the aim may be made.
