

EXPERIMENTS WITH KITE A JULY 16, 1908:
By A. G. Bell.

On Thursday, July 16, 1908, an attempt was made to obtain simultaneous observations of wind-velocity, altitude and pull. It was found practicable to take three or four observations of altitude and pull during the time taken to observe and record a single observation of wind-velocity. At a given signal the anemometer was started by an assistant and after 30 seconds was stopped. When the anemometer was started Mr. Bedwin directed the clinometer at the kite while a third assistant kept his eyes fixed upon the fluctuating needle of the dynamometer. As Mr. Bedwin caught the angle he called to his assistant who noted the reading of the dynamometer at that moment. Then the readings of the three instruments were recorded, and another set of similar observations taken.

The following are the results obtained with Kite A flown with the main-line attached to the reel-stick at 50 cm from the zero point.