

Apart from the work of the sounding balloons, the loftiest parts of the atmosphere can be studied only by means of halos, auroras, sunset glows, and other phenomena of the cirrus hazes sometimes seen in those higher altitudes. The optical phenomena which are common enough, especially in our Canadian winters, promise an abundant return of data if properly worked. But this can only be done when the ordinary optical phenomena of the atmosphere are fully understood and interpreted by as large a number of observers as possible. A person who can discriminate what is evidence from what is not, is capable of making an observation that may serve to help this line of science,—the optical phenomena of the air. Speculation is always of secondary value; it is only a good observation that has value of the highest kind.