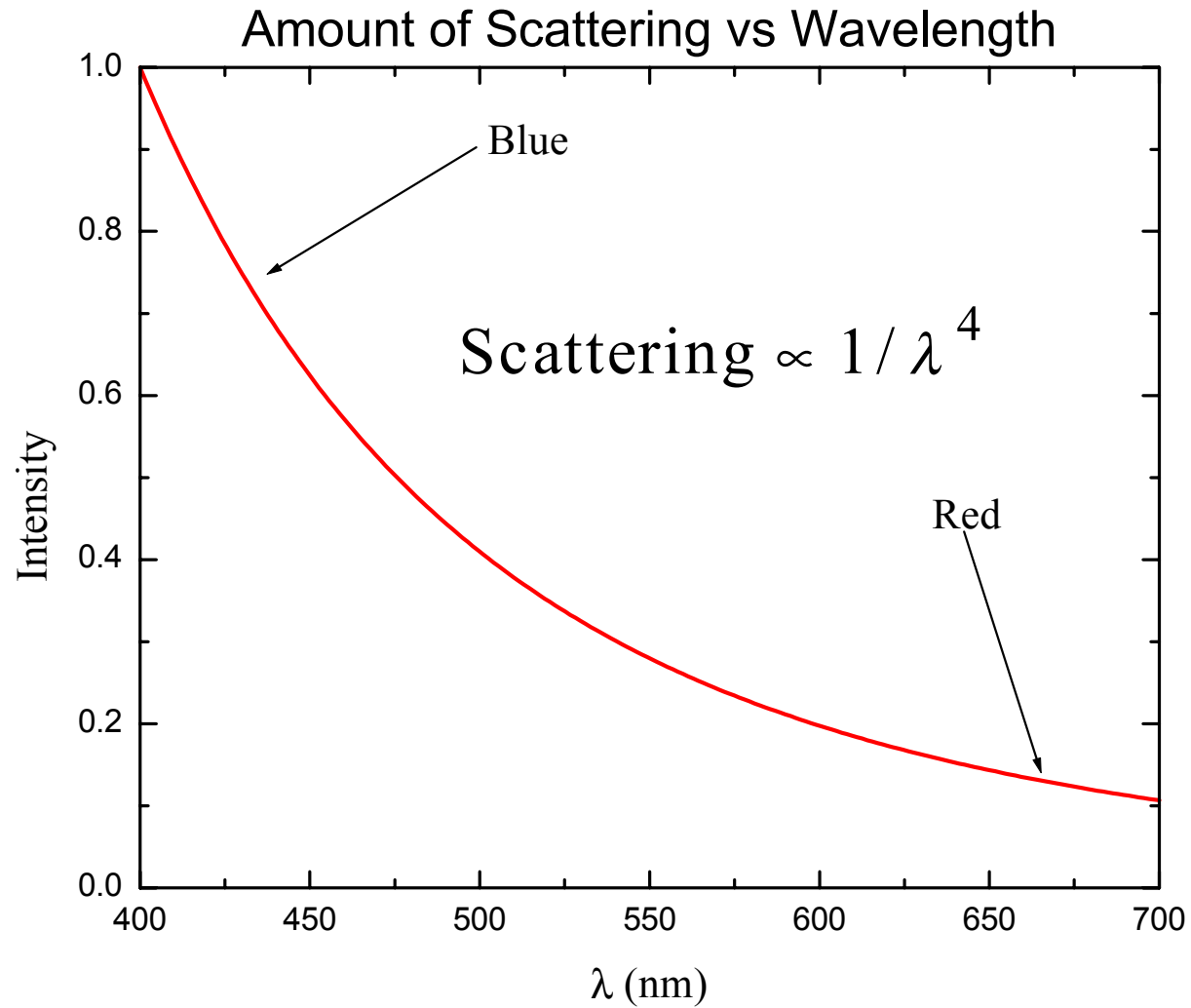
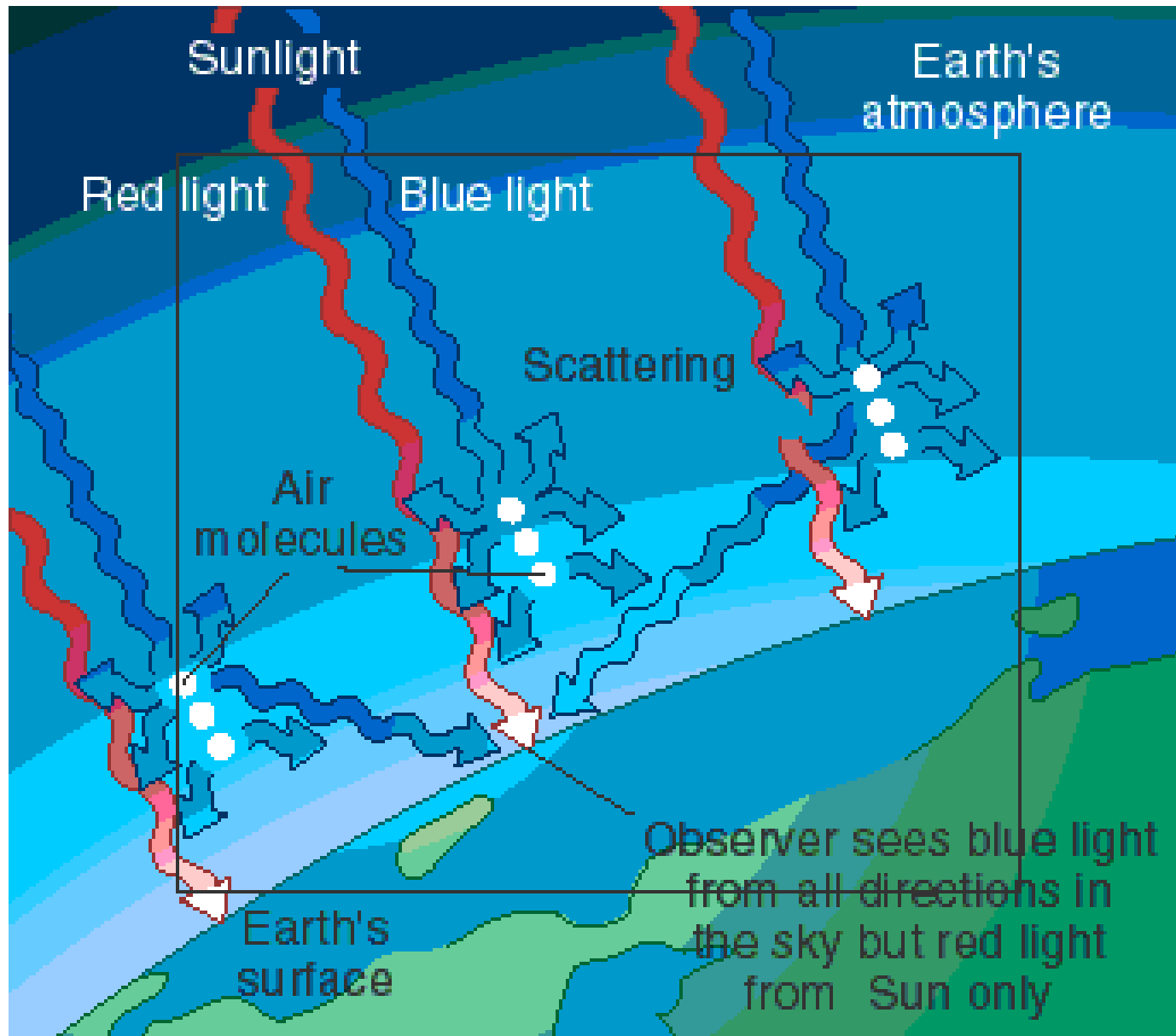


Rayleigh Scattering of Light by Air Molecules



Rayleigh Scattering: The Blue Sky



Sunset: Why is the Sun Red?

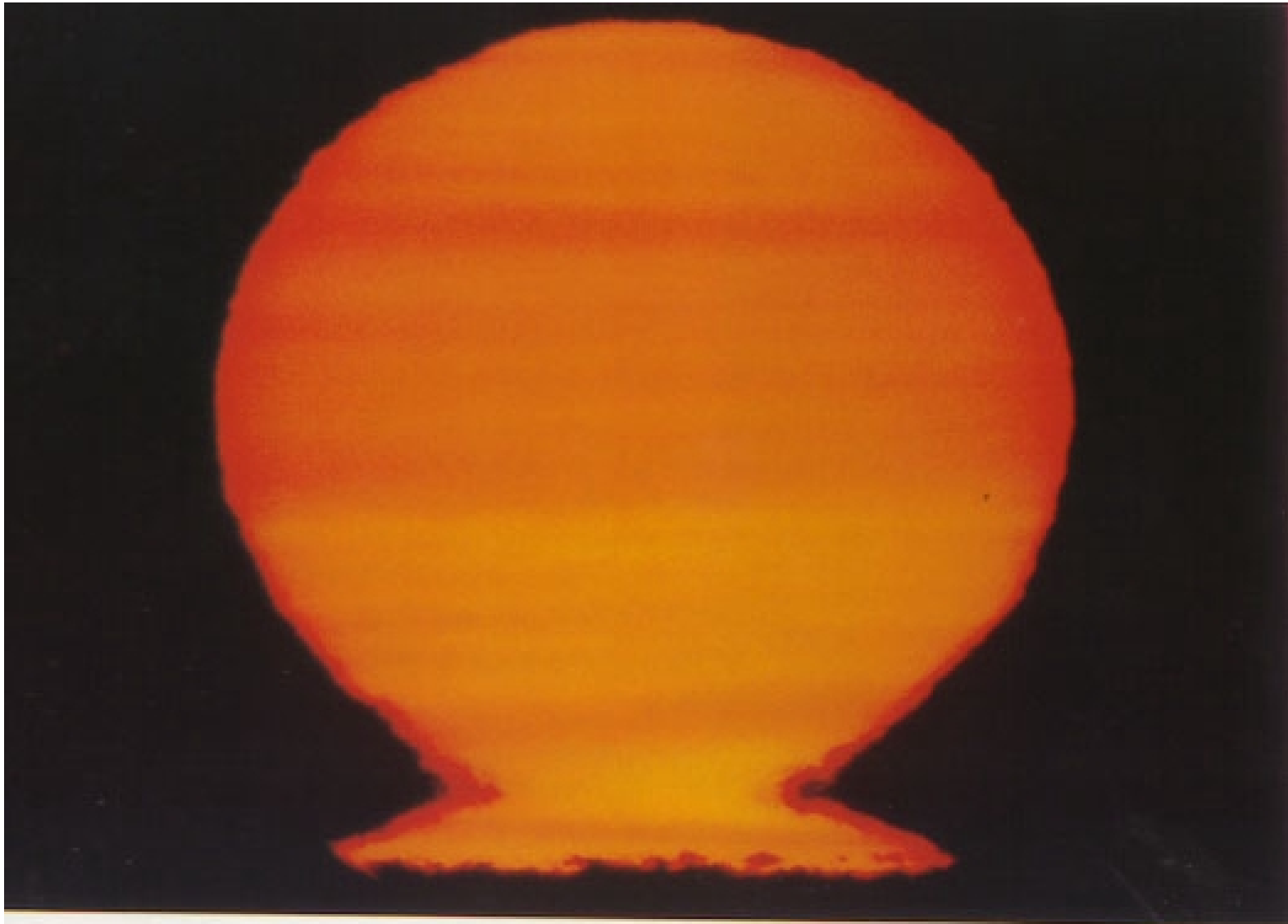
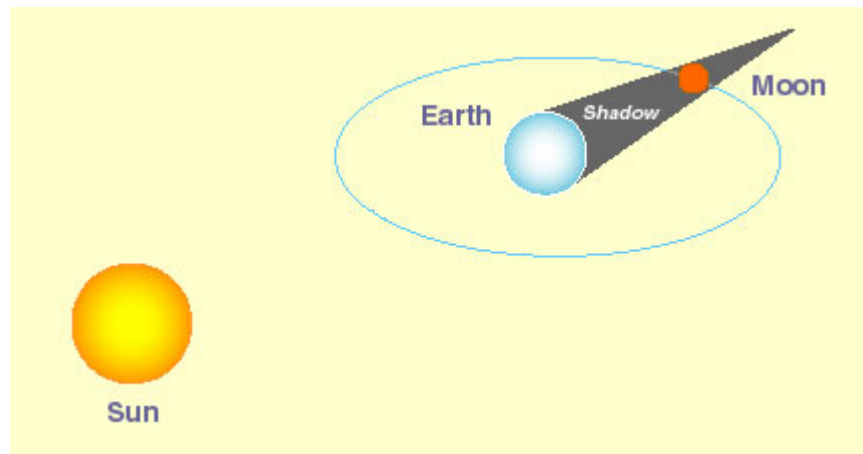


Plate 3. The setting sun and its mirage at the surface of the sea have fused together. (Photo by Pekka Parviainen.) See § 45, case A.

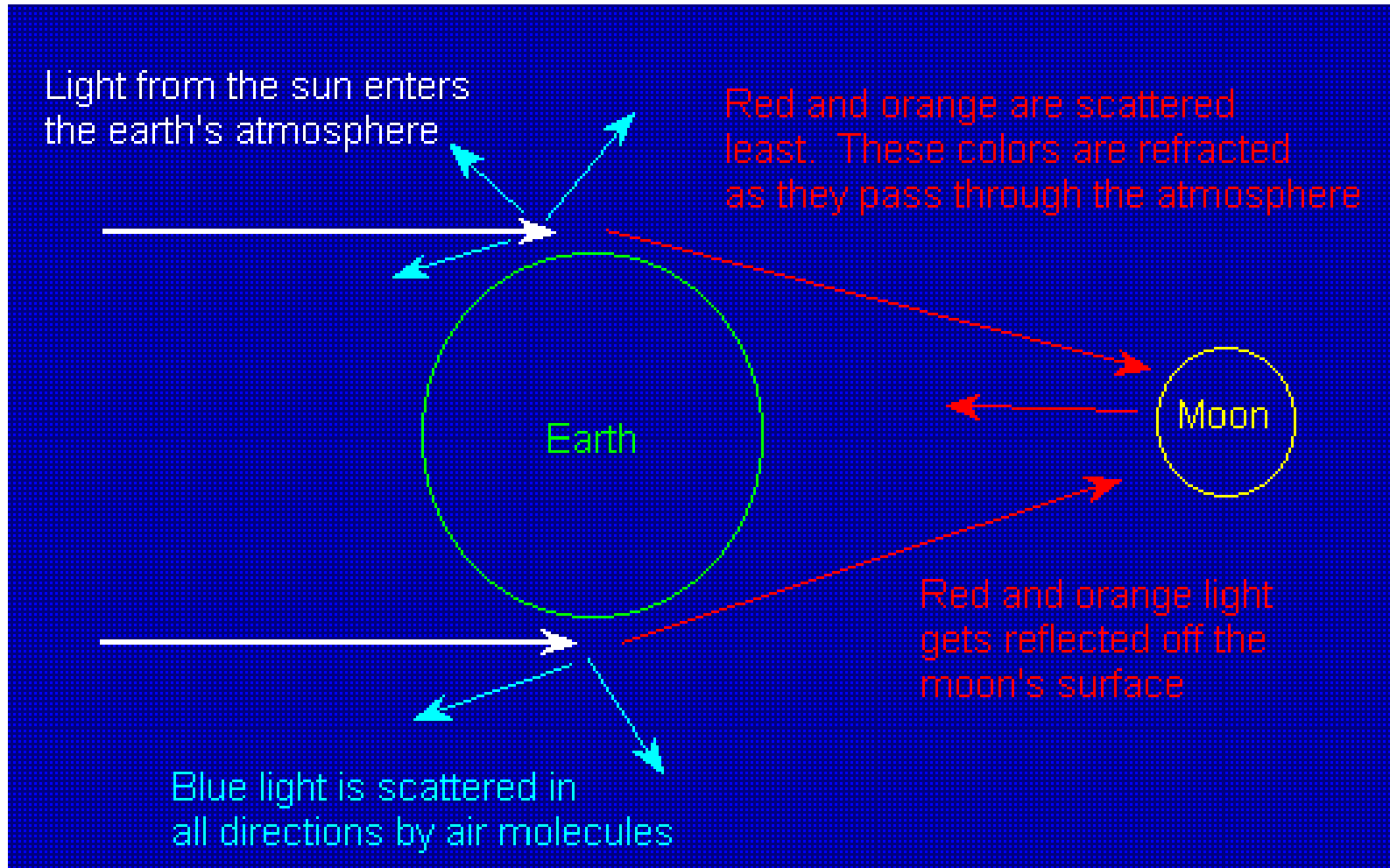
Clouds at Sunset: Why are the Clouds Red?



Eclipse of the Moon: Why is the Moon Red?



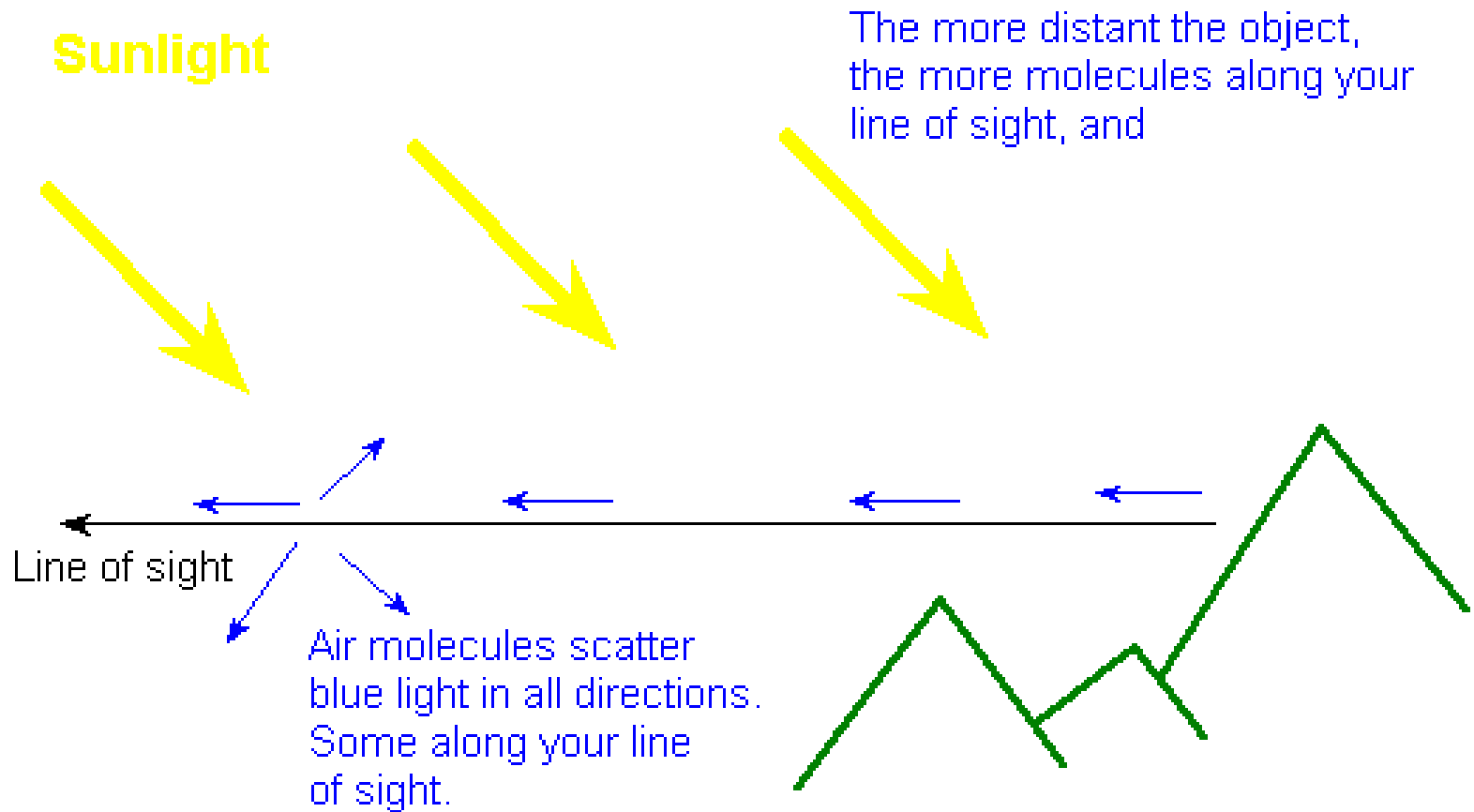
Eclipse Explanation



Why is the Distant Mountain Fuzzy and Bluish?



Airlight: Why Distant Objects are Bluish and Fuzzy





Missing islands
caused by daytime
airlight.

Fig. 2.5C Upper photo is taken mid-day, when airlight is strong. Lower photo is looking in the same direction after sunset and the mountains of Baja, 190 kilometers distant, are now clearly visible in profile owing to the reduction of airlight.