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Earthbeams! These are not mentioned much in a popular way principally because they can not be seen as are the sunbeams. But earthbeams do exist, and consist of the solar energy which the earth absorbs and then re-radiates. Earthbeams do not have the power of penetration that the sunbeams have, as the air absorbs about four-fifths of the earth radiations. The earth radiates most effectively when there is a cloudless sky, dry air, no wind, and the heat conductivity of the ground is low. The appearance of dew is an indication that conditions were favorable for the passage of earthbeams and that rapid cooling resulted.