

For Release  
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January's sun! At this time of the year our hemisphere leans away from the sun, while in summer it inclines toward the sun. This accounts for the great difference in the amounts of heat received in the two seasons. The smaller amount in winter is due to two conditions: first, the sun's rays are much less direct in winter; second, the number of sunshine hours is less than in summer. For instance, places in the latitude of New York City have only about 9 hours and 22 minutes of sunshine on this date, with the sun at noon only 27 degrees above the southern horizon, while on July 4 there are 15 hours of sunshine with the sun 75 degrees above the horizon at noon. -----