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## Changes of Indoor Humidity in Various Living Spaces

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**Abstract:** The changes in temperature and humidity in various living spaces were observed for about one year. As the windows and doors in any living spaces were mostly closed from 9 : 00 p.m. to 6 : 00 a.m., nighttime changes were small compared with those in the daytime, so that the humidity conditions caused by the interior wall materials could be easily determined. Thus, we went on to compare and examine the changes in temperature and humidity in various living spaces. Result shows that in rooms in log and wooden-houses, the average nighttime humidity was 55-70% throughout the year and was comfortable for the inhabitants. On the other hand, in some of the reinforced-concrete-building rooms, the average humidity varied from 38%-78%, a considerable change. And it was also made clear that, when the inhabitants were in, the rooms were kept comfortable with 57%-72% humidity, for some air-conditioners were used and so on.

**Keywords:** log house, wooden house, reinforced concrete building, various living spaces, indoor nighttime humidity

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