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? WHY THE WEATHER ?

Dr. Charles F. Brooks,
Secretary, American Meteorological Society
tells why:

CELLARS ARE DRY AGAIN

With the lighting of the furnace fires the cellars have lost their warm weather dampness. The walls and pipes are no longer dank and cool. The chill which prevailed even in hottest weather has gone. People say their cellars have dried out. Yet, doubtless, there is just as much moisture there but it does not so nearly saturate the warmer air. Let the fire go out and the chill, subterranean dampness would soon reassert itself.

The reason for the change is that with rising temperature air can contain much more water as invisible vapor. At 60 degrees Fahrenheit it can have over twice as much moisture as at 40 degrees, and at 80 degrees more than twice as much as at 60 degrees. In the average cellar considerably more moisture than was present before the fires were lighted could be added, and the air would still seem dry.

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