

**Table 13–1. Equilibrium moisture content for outside conditions in several U.S. locations through 2010**

		Equilibrium moisture content <sup>a</sup> (%)											
State	City	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AK	Juneau	17.3	16.7	14.9	13.9	13.4	14.0	15.6	16.5	18.4	18.5	18.1	18.5
AL	Mobile	13.8	13.6	13.2	13.3	13.2	13.5	14.3	14.3	14.1	13.1	13.4	14.0
AZ	Flagstaff	11.5	11.0	10.2	9.0	8.2	7.0	9.6	11.0	10.1	9.7	10.5	11.5
AZ	Phoenix	8.9	8.3	7.4	6.0	4.9	4.4	6.2	6.8	6.5	6.9	7.8	9.0
AR	Little Rock	13.8	13.2	12.8	12.9	13.7	13.0	13.2	13.0	13.2	13.1	13.3	13.8
CA	Fresno	15.8	13.8	11.9	10.3	8.8	7.9	7.4	7.8	8.5	9.8	12.9	15.8
CA	Los Angeles	9.4	10.2	10.5	10.4	11.0	11.7	11.6	11.2	10.8	10.6	9.8	9.9
CO	Denver	10.1	10.0	8.8	9.1	9.2	8.3	8.0	8.4	8.4	9.1	9.6	10.5
DC	Washington-National	11.9	11.5	11.2	11.0	11.6	11.7	11.7	12.1	12.6	12.6	12.2	12.1
FL	Miami	13.5	13.1	12.7	12.2	12.5	13.7	13.4	13.8	14.4	13.8	13.6	13.5
GA	Atlanta	13.3	12.5	12.2	11.8	12.3	12.7	13.4	13.5	13.5	12.9	12.8	13.2
HI	Honolulu	13.1	12.7	12.3	11.7	11.3	11.1	11.1	11.0	11.4	12.0	12.5	13.0
ID	Boise	14.8	12.9	10.6	9.6	9.2	8.4	6.9	6.9	7.9	9.5	12.7	14.8
IL	Chicago	14.3	14.1	13.4	12.4	12.3	12.3	12.7	13.3	13.3	13.2	13.9	15.1
IN	Indianapolis	15.1	14.5	13.4	12.5	12.6	12.6	13.1	13.6	13.4	13.4	14.4	15.5
IA	Des Moines	14.3	14.2	13.4	12.6	12.5	12.9	13.2	13.6	13.4	12.8	13.8	14.9
KS	Wichita	13.7	13.3	12.6	12.4	13.3	12.7	11.7	11.9	12.5	12.4	13.0	13.8
KY	Louisville	13.8	13.2	12.4	11.6	12.3	12.4	12.6	12.8	13.0	12.9	13.1	14.1
LA	New Orleans	14.6	14.3	13.7	13.9	13.8	14.4	14.8	15.0	14.5	13.8	14.1	14.7
ME	Portland	12.9	12.5	12.4	12.0	12.4	13.1	13.0	13.4	14.1	13.8	13.8	13.4
MA	Boston	12.1	11.7	11.8	11.5	12.0	12.0	11.8	12.4	12.8	12.6	12.5	12.2
MI	Detroit	14.8	14.1	13.2	12.2	12.0	12.2	12.3	13.2	13.5	13.5	14.2	15.1
MN	Minneapolis–St. Paul	14.0	13.8	13.3	11.8	11.7	12.3	12.4	13.1	13.4	13.1	14.2	14.9
MS	Jackson	14.5	14.1	13.5	13.6	13.8	13.8	14.4	14.3	14.1	13.8	14.1	14.7
MO	St. Louis	14.2	13.7	13.0	12.3	12.7	12.5	12.5	12.9	13.1	12.8	13.2	14.3
MT	Missoula	16.5	14.8	12.5	10.9	11.1	11.1	9.3	9.1	10.4	12.5	15.7	17.3
NE	Omaha	14.2	14.2	13.4	12.1	12.7	12.9	13.2	13.8	13.4	12.7	13.5	14.5
NV	Las Vegas	8.3	7.6	6.4	5.3	4.6	3.7	4.4	5.0	5.0	5.7	7.1	8.2
NV	Reno	11.9	10.7	9.3	8.7	8.4	7.8	7.2	7.4	7.9	8.9	10.5	12.1
NM	Albuquerque	9.9	8.8	7.5	6.5	6.3	6.0	7.8	8.5	8.2	8.3	8.8	10.1
NY	New York	12.2	11.9	11.4	11.0	11.5	11.9	11.8	12.4	12.7	12.3	12.5	12.3
NC	Raleigh	12.7	12.2	12.0	11.6	12.5	12.7	13.2	13.9	14.0	13.5	12.8	12.8
ND	Fargo	14.4	14.8	15.2	12.8	11.8	12.9	13.1	13.2	13.4	13.4	14.9	15.3
OH	Cleveland	14.9	14.5	13.7	12.5	12.4	12.5	12.5	13.4	13.6	13.4	13.8	14.8
OK	Oklahoma City	13.2	13.0	12.2	12.1	13.3	13.2	12.0	11.8	12.5	12.3	12.5	13.0
OR	Pendleton	16.0	14.1	11.5	10.6	9.8	9.1	7.2	7.4	8.5	10.9	14.7	16.4
OR	Portland	16.7	14.9	14.0	13.2	12.7	12.1	11.2	11.4	12.2	14.6	16.6	17.2
PA	Philadelphia	12.7	12.0	11.7	11.2	11.7	11.8	11.9	12.3	12.8	12.8	12.6	12.6
SC	Charleston	13.7	13.1	12.2	11.6	12.7	13.3	14.3	14.5	14.3	13.7	13.2	13.8
SD	Sioux Falls	14.1	14.3	14.3	12.6	12.6	13.0	12.9	13.6	13.3	12.9	13.9	14.9
TN	Memphis	13.4	12.9	12.2	12.2	12.7	12.6	12.9	12.8	13.0	12.5	12.8	13.4
TX	Dallas–Ft. Worth	12.7	12.7	11.9	12.5	12.9	12.1	11.3	11.0	12.0	12.2	12.4	12.5
TX	El Paso	8.9	7.7	6.4	5.6	5.5	6.0	8.0	8.5	8.5	8.2	8.3	9.3
UT	Salt Lake City	14.6	13.1	10.6	9.7	9.0	7.8	6.8	7.1	8.1	10.0	12.6	14.9
VA	Richmond	12.7	12.4	11.9	11.3	12.1	12.3	12.6	13.4	13.6	13.4	12.7	12.9
WA	Seattle	16.3	14.9	14.4	13.6	12.9	12.8	12.0	12.4	13.4	15.7	16.6	16.9
WI	Madison	14.4	14.3	13.8	12.8	12.6	12.9	13.2	14.1	14.3	13.8	14.6	15.4
WV	Charleston	13.6	13.1	12.2	11.5	12.7	13.3	14.0	14.3	14.2	13.6	13.0	13.7
WY	Cheyenne	10.1	10.4	10.3	10.2	10.7	10.0	9.5	9.6	9.5	9.7	10.3	10.4
PR	San Juan	13.7	13.2	12.5	12.6	13.3	13.1	13.4	13.5	13.7	13.6	13.9	13.9

<sup>a</sup>EMC values were determined from the average of 30 or more years of relative humidity and temperature data available from the National Climatic Data Center of the National Oceanic and Atmospheric Administration.