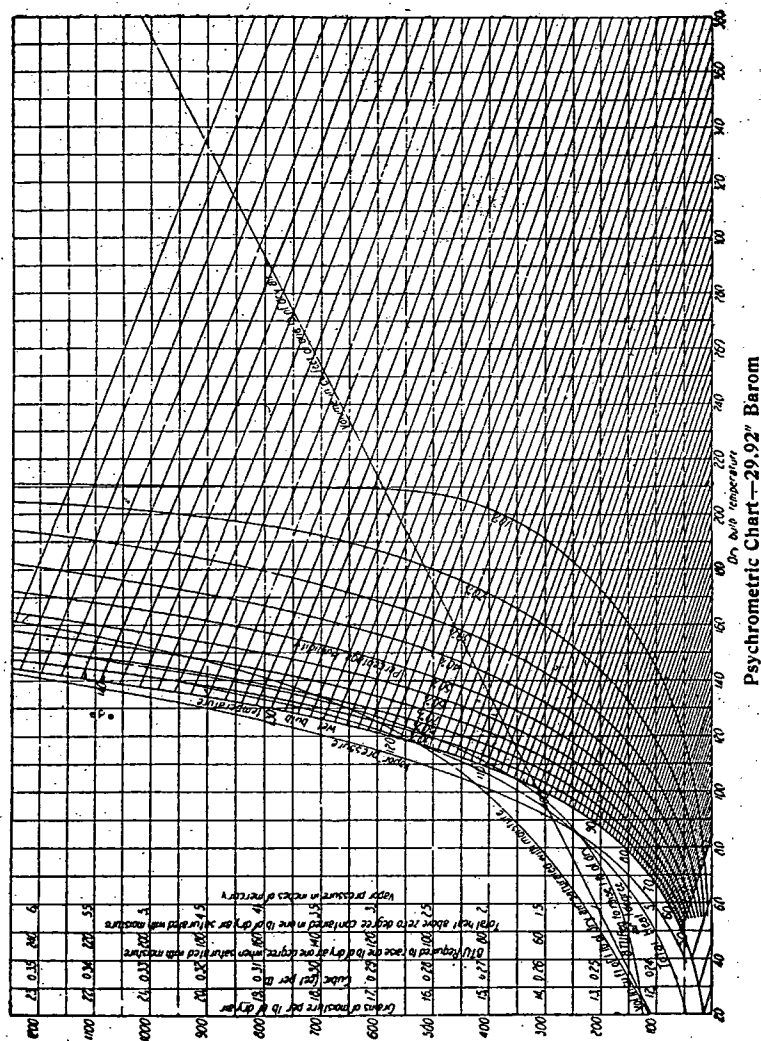




### RELATIVE HUMIDITY, DEW-POINTS AND GRAINS OF MOISTURE PER CUBIC FOOT

**Barometric Pressure—30 Inches**

Degrees · Wet-Bulb Depression

| Dry-Bulb Temp. | Grains per Cu. Ft. at Saturation | 1°          |           |                  | 2°          |           |                  | 3°          |           |                  | 4°          |           |                  |
|----------------|----------------------------------|-------------|-----------|------------------|-------------|-----------|------------------|-------------|-----------|------------------|-------------|-----------|------------------|
|                |                                  | % Rel. Hum. | Dew-Point | Grs. per Cu. Ft. | % Rel. Hum. | Dew-Point | Grs. per Cu. Ft. | % Rel. Hum. | Dew-Point | Grs. per Cu. Ft. | % Rel. Hum. | Dew-Point | Grs. per Cu. Ft. |
| 0              | .48                              | 67          | -7        | .32              | 33          | -20       | .16              |             |           |                  |             |           |                  |
| 2              | .53                              | 70          | -5        | .37              | 39          | -15       | .21              | 9           | -40       | .05              |             |           |                  |
| 4              | .58                              | 72          | -2        | .42              | 44          | -11       | .26              | 17          | -28       | .10              |             |           |                  |
| 6              | .64                              | 74          | 0         | .47              | 49          | -8        | .32              | 23          | -21       | .15              |             |           |                  |
| 8              | .70                              | 76          | 3         | .54              | 53          | -5        | .37              | 29          | -15       | .20              | 6           | -42       | .04              |
| 10             | .78                              | 78          | 5         | .61              | 56          | -2        | .44              | 34          | -10       | .26              | 13          | -27       | .11              |
| 12             | .86                              | 80          | 7         | .69              | 59          | 2         | .51              | 39          | -6        | .33              | 19          | -19       | .16              |
| 14             | .94                              | 81          | 10        | .76              | 62          | 5         | .58              | 44          | -2        | .41              | 26          | -12       | .25              |
| 16             | 1.03                             | 82          | 12        | .85              | 65          | 7         | .65              | 48          | +1        | .50              | 31          | -7        | .32              |
| 18             | 1.13                             | 84          | 14        | .95              | 68          | 10        | .72              | 52          | 5         | .59              | 36          | -2        | .41              |
| 20             | 1.24                             | 85          | 16        | 1.10             | 70          | 12        | .86              | 55          | 8         | .68              | 40          | +2        | .49              |
| 22             | 1.36                             | 86          | 19        | 1.17             | 71          | 15        | .96              | 58          | 11        | .79              | 44          | 5         | .60              |
| 24             | 1.48                             | 87          | 21        | 1.30             | 73          | 17        | 1.10             | 60          | 13        | .89              | 47          | 9         | .70              |
| 26             | 1.62                             | 87          | 23        | 1.41             | 75          | 20        | 1.22             | 63          | 16        | 1.02             | 51          | 12        | .83              |
| 28             | 1.77                             | 88          | 25        | 1.56             | 76          | 22        | 1.37             | 65          | 19        | 1.15             | 54          | 15        | .96              |
| 30             | 1.94                             | 89          | 27        | 1.72             | 78          | 25        | 1.50             | 67          | 21        | 1.30             | 56          | 18        | 1.08             |
| 32             | 2.11                             | 89          | 30        | 1.88             | 79          | 27        | 1.67             | 69          | 24        | 1.46             | 59          | 21        | 1.25             |
| 34             | 2.28                             | 90          | 32        | 2.05             | 81          | 29        | 1.85             | 71          | 26        | 1.62             | 62          | 23        | 1.41             |
| 36             | 2.46                             | 91          | 34        | 2.24             | 82          | 31        | 2.02             | 73          | 29        | 1.79             | 64          | 26        | 1.57             |
| 38             | 2.65                             | 91          | 36        | 2.41             | 83          | 33        | 2.20             | 75          | 31        | 1.98             | 66          | 28        | 1.74             |
| 40             | 2.85                             | 92          | 38        | 2.62             | 83          | 35        | 2.36             | 75          | 33        | 2.14             | 68          | 30        | 1.94             |
| 42             | 3.06                             | 92          | 40        | 2.82             | 85          | 38        | 2.61             | 77          | 35        | 2.36             | 69          | 33        | 2.12             |
| 44             | 3.29                             | 93          | 42        | 3.06             | 85          | 40        | 2.80             | 78          | 37        | 2.57             | 71          | 35        | 2.34             |
| 46             | 3.54                             | 93          | 44        | 3.29             | 86          | 42        | 3.04             | 79          | 40        | 2.80             | 72          | 37        | 2.54             |
| 48             | 3.80                             | 93          | 46        | 3.53             | 86          | 44        | 3.27             | 79          | 42        | 3.00             | 73          | 40        | 2.77             |
| 50             | 4.08                             | 93          | 48        | 3.79             | 87          | 46        | 3.55             | 80          | 44        | 3.26             | 74          | 42        | 3.02             |
| 52             | 4.37                             | 94          | 50        | 4.11             | 87          | 48        | 3.80             | 81          | 46        | 3.54             | 75          | 44        | 3.28             |
| 54             | 4.69                             | 94          | 52        | 4.40             | 88          | 50        | 4.13             | 82          | 48        | 3.84             | 76          | 46        | 3.56             |
| 56             | 5.02                             | 94          | 54        | 4.71             | 88          | 53        | 4.41             | 82          | 51        | 4.11             | 76          | 49        | 3.81             |
| 58             | 5.37                             | 94          | 56        | 5.05             | 88          | 55        | 4.73             | 83          | 53        | 4.46             | 77          | 51        | 4.14             |
| 59             | 5.56                             | 94          | 57        | 5.22             | 89          | 56        | 4.95             | 83          | 54        | 4.61             | 78          | 52        | 4.33             |
| 60             | 5.75                             | 94          | 58        | 5.40             | 89          | 57        | 5.11             | 83          | 55        | 4.77             | 78          | 53        | 4.48             |
| 61             | 5.94                             | 94          | 59        | 5.58             | 89          | 58        | 5.29             | 84          | 56        | 4.99             | 78          | 54        | 4.64             |
| 62             | 6.14                             | 94          | 60        | 5.77             | 89          | 59        | 5.46             | 84          | 57        | 5.16             | 79          | 55        | 4.85             |
| 63             | 6.35                             | 95          | 61        | 6.03             | 89          | 60        | 5.65             | 84          | 58        | 5.23             | 79          | 56        | 5.01             |
| 64             | 6.56                             | 95          | 62        | 6.24             | 90          | 61        | 5.91             | 84          | 59        | 5.51             | 79          | 57        | 5.19             |
| 65             | 6.78                             | 95          | 63        | 6.44             | 90          | 62        | 6.10             | 85          | 60        | 5.77             | 80          | 59        | 5.43             |
| 66             | 7.01                             | 95          | 64        | 6.66             | 90          | 63        | 6.31             | 85          | 61        | 5.96             | 80          | 60        | 5.61             |
| 67             | 7.24                             | 95          | 65        | 6.88             | 90          | 64        | 6.52             | 85          | 62        | 6.16             | 80          | 61        | 5.79             |
| 68             | 7.48                             | 95          | 67        | 7.10             | 90          | 65        | 6.73             | 85          | 63        | 6.36             | 80          | 62        | 5.98             |
| 69             | 7.73                             | 95          | 68        | 7.34             | 90          | 66        | 6.95             | 85          | 64        | 6.57             | 81          | 63        | 6.26             |
| 70             | 7.98                             | 95          | 69        | 7.58             | 90          | 67        | 7.18             | 86          | 65        | 6.86             | 81          | 64        | 6.46             |
| 71             | 8.24                             | 95          | 70        | 7.83             | 90          | 68        | 7.42             | 86          | 67        | 7.09             | 81          | 65        | 6.67             |
| 72             | 8.51                             | 95          | 71        | 8.08             | 91          | 69        | 7.74             | 86          | 68        | 7.31             | 82          | 66        | 6.97             |
| 73             | 8.78                             | 95          | 72        | 8.34             | 91          | 70        | 7.99             | 86          | 69        | 7.55             | 82          | 67        | 7.20             |
| 74             | 9.07                             | 95          | 73        | 8.61             | 91          | 71        | 8.25             | 86          | 70        | 7.80             | 82          | 68        | 7.43             |
| 75             | 9.36                             | 96          | 74        | 8.89             | 91          | 72        | 8.51             | 86          | 71        | 8.05             | 82          | 69        | 7.67             |
| 76             | 9.66                             | 96          | 75        | 9.27             | 91          | 73        | 8.79             | 87          | 72        | 8.40             | 82          | 70        | 7.92             |