

SUNSHINE GUIDE TO THE MONTPELIER-BARRE AREA, VERMONT

LOCATION: The neighboring communities of Montpelier (“mont-PEEL-ur”) and Barre (“burry”) and located in central Vermont. Montpelier is the state capital. The two towns are situated on the banks of the Winooski River as it cuts through the Green Mountains. Elevations are generally between 1,100 and 1,200 feet above sea level.

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| HOURS OF DAYLIGHT | 9:18 | 10:26 | 11:54 | 13:26 | 14:45 | 15:27 | 15:10 | 14:02 | 12:34 | 11:03 | 9:42 | 8:57 |
| HOURS OF SUNSHINE | 3:47 | 4:56 | 5:49 | 6:21 | 7:20 | 8:22 | 8:31 | 7:48 | 6:16 | 4:51 | 3:08 | 2:56 |
| AREA OF BLUE SKY | 29% | 30% | 31% | 31% | 31% | 33% | 37% | 37% | 37% | 34% | 22% | 25% |
| LOW FOR MONTH | -13 ° | -11 ° | 0 ° | 17 ° | 31 ° | 40 ° | 45 ° | 42 ° | 33 ° | 25 ° | 10 ° | -7 ° |
| SUNRISE TEMPERATURE | 7 ° | 8 ° | 19 ° | 31 ° | 41 ° | 51 ° | 55 ° | 53 ° | 45 ° | 36 ° | 27 ° | 12 ° |
| AFTERNOON TEMPERATURE | 25 ° | 28 ° | 37 ° | 51 ° | 64 ° | 74 ° | 78 ° | 75 ° | 67 ° | 57 ° | 43 ° | 29 ° |
| HIGH FOR MONTH | 46 ° | 43 ° | 57 ° | 70 ° | 77 ° | 83 ° | 87 ° | 86 ° | 79 ° | 70 ° | 59 ° | 45 ° |
| FROSTY MORNINGS | 97% | 100% | 92% | 60% | 16% | 0% | 0% | 0% | 8% | 39% | 71% | 94% |
| AFTERNOONS OVER 90 ° | 0% | 0% | 0% | 0% | 0% | 1% | 3% | 3% | 0% | 0% | 0% | 0% |
| AFTERNOON HUMIDITY | 55% | 50% | 48% | 51% | 47% | 50% | 51% | 52% | 50% | 51% | 57% | 61% |
| DRY DAYS | 56% | 61% | 62% | 60% | 59% | 57% | 56% | 62% | 61% | 62% | 57% | 59% |
| REASONABLY DRY DAYS | 83% | 79% | 79% | 79% | 77% | 75% | 79% | 81% | 80% | 81% | 77% | 81% |
| 5-DAY PRECIPITATION | 0.38 | 0.45 | 0.41 | 0.44 | 0.47 | 0.51 | 0.50 | 0.53 | 0.47 | 0.46 | 0.50 | 0.44 |
| LIKELY SNOWFALL | 21.2" | 22.3" | 17.1" | 5.9" | 0.3" | 0.0" | 0.0" | 0.0" | 0.0" | 0.8" | 8.9" | 21.8" |
| SNOWY DAYS | 40% | 35% | 26% | 9% | 0% | 0% | 0% | 0% | 0% | 1% | 13% | 34% |
| THUNDER DAYS | 0% | 0% | 1% | 3% | 8% | 16% | 19% | 15% | 6% | 2% | 1% | 0% |
| FOGGY DAYS | 4% | 6% | 6% | 5% | 6% | 6% | 7% | 11% | 15% | 11% | 7% | 5% |

COMMENTS: The area has a mid-latitude four-season year, with long cold winters and short mild summers. Bright sunshine occurs on 47% of the year’s daylight hours, ranging from a low of 32% in November to a high of 56% in July. The low temperature for the year will be near -23° some windless winter sunrise, while the high will be around 92° some sunny summer afternoon. Precipitation is moderate, and is fairly evenly distributed through the year. Most of the winter precipitation comes as snow. A typical summer afternoon will be long, moderately sunny, moderately humid, and warm rather than hot. Summer nights are humid and cool. A typical winter afternoon will be short, cloudy, moderately humid, and generally several degrees below freezing. Winter nights are very cold, with one out of three dropping below zero. Two-thirds of the winter afternoons will not warm above freezing, and snow often remains on the ground for weeks at a time.