

SUNSHINE GUIDE TO GARMISCH-PARTENKIRCHEN AND BAVARIA, GERMANY

LOCATION: The neighboring cities of Garmisch and Partenkirchen are located in extreme southern Germany. The towns are in Bavaria, and are close to the Austrian border. They are situated in the valley of the Loisach River, at an elevation of 2,350 feet above sea level. Southwest of the twin towns, the Zugspitze, Germany's highest peak, rises to 9,721 feet high.

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| HOURS OF DAYLIGHT | 8:56 | 10:14 | 11:53 | 13:36 | 15:06 | 15:54 | 15:34 | 14:17 | 12:38 | 10:55 | 9:23 | 8:32 |
| HOURS OF SUNSHINE | 2:33 | 3:23 | 4:42 | 4:58 | 5:30 | 5:06 | 5:49 | 5:56 | 5:37 | 4:39 | 2:53 | 2:17 |
| AREA OF BLUE SKY | 32% | 32% | 35% | 32% | 31% | 27% | 32% | 36% | 42% | 41% | 32% | 33% |
| LOW FOR MONTH | 2° | 1° | 13° | 22° | 31° | 39° | 43° | 42° | 36° | 27° | 16° | 7° |
| SUNRISE TEMPERATURE | 20° | 22° | 28° | 34° | 42° | 47° | 51° | 50° | 46° | 38° | 29° | 23° |
| AFTERNOON TEMPERATURE | 36° | 40° | 48° | 55° | 63° | 67° | 71° | 70° | 65° | 56° | 45° | 37° |
| HIGH FOR MONTH | 50° | 55° | 62° | 69° | 76° | 79° | 83° | 82° | 77° | 70° | 60° | 50° |
| FROSTY MORNINGS | 89% | 90% | 65% | 36% | 6% | 0% | 0% | 0% | 0% | 17% | 64% | 83% |
| AFTERNOONS OVER 90° | 0% | 0% | 0% | 0% | 0% | 0% | 1% | 1% | 0% | 0% | 0% | 0% |
| AFTERNOON HUMIDITY | 59% | 52% | 48% | 47% | 50% | 58% | 54% | 56% | 57% | 53% | 61% | 63% |
| DRY DAYS | 46% | 36% | 47% | 41% | 35% | 26% | 35% | 35% | 43% | 47% | 43% | 50% |
| REASONABLY DRY DAYS | 75% | 73% | 74% | 68% | 63% | 55% | 58% | 61% | 66% | 71% | 71% | 77% |
| 5-DAY PRECIPITATION | 0.54 | 0.48 | 0.46 | 0.61 | 0.81 | 1.15 | 1.22 | 1.05 | 0.82 | 0.52 | 0.46 | 0.48 |
| LIKELY SNOWFALL | 22.5" | 13.6" | 13.3" | 11.2" | 2.9" | 0.0" | 0.0" | 0.0" | 0.0" | 0.8" | 8.9" | 16.8" |
| SNOWY DAYS | 31% | 29% | 25% | 18% | 4% | 0% | 0% | 0% | 0% | 1% | 19% | 26% |
| THUNDER DAYS | 0% | 0% | 1% | 4% | 15% | 24% | 22% | 19% | 8% | 1% | 0% | 0% |
| FOGGY DAYS | 6% | 7% | 2% | 2% | 1% | 1% | 0% | 1% | 3% | 7% | 9% | 10% |

COMMENTS: The area has essentially the same four-season year that characterizes much of Europe. Its elevation has two major effects. The first is to substantially increase precipitation--especially during the summer months. The second is to make the nighttime temperatures about 3°F lower than places at the same latitude but lower elevation. The second effect is on temperatures. Summer afternoon temperatures are a bit cooler than in Munich, some fifty miles to the north and about a thousand feet lower. On the other hand, winter afternoon temperatures are a bit warmer. Winds tend to blow strongly down the slopes at night, and rather weakly up the slopes during the daylight hours. Passing storm systems can easily override both of these local winds. Elevation and--to a lesser degree--slope orientation rule local climates. You can expect daytime temperatures to drop an average of 1°F for each 300'-increase in elevation--and vice versa going downhill.