

# SUNSHINE GUIDE TO FRANKFURT AND HESSE, GERMANY

LOCATION: Frankfurt-am-Main is located in central Germany, in the state of Hesse. The city lies at the southern foot of the Taunus Mountains, on the Main River, a tributary of the Rhine. Elevations are about 350 feet above sea level. The Taunus Mountains, just north of the city, rise some 2,500 feet higher.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	8:36	10:03	11:51	13:45	15:25	16:19	15:56	14:30	12:41	10:49	9:07	8:10
HOURS OF SUNSHINE	1:27	2:14	4:09	5:07	6:38	7:37	7:25	6:38	4:51	3:02	1:12	1:02
AREA OF BLUE SKY	29%	35%	40%	45%	46%	44%	46%	49%	46%	37%	29%	25%
LOW FOR MONTH	15 °	18 °	25 °	31 °	36 °	44 °	49 °	47 °	40 °	32 °	25 °	17 °
SUNRISE TEMPERATURE	29 °	30 °	35 °	41 °	48 °	54 °	57 °	56 °	51 °	43 °	36 °	31 °
AFTERNOON TEMPERATURE	38 °	42 °	50 °	58 °	67 °	72 °	75 °	75 °	68 °	57 °	46 °	39 °
HIGH FOR MONTH	50 °	53 °	65 °	74 °	83 °	87 °	90 °	88 °	81 °	69 °	57 °	52 °
FROSTY MORNINGS	59%	57%	36%	12%	1%	0%	0%	0%	0%	6%	28%	49%
AFTERNOONS OVER 90 °	0%	0%	0%	0%	0%	2%	5%	2%	0%	0%	0%	0%
AFTERNOON HUMIDITY	79%	70%	59%	52%	51%	52%	53%	53%	60%	69%	77%	82%
DRY DAYS	50%	48%	58%	57%	58%	55%	55%	56%	60%	55%	50%	50%
REASONABLY DRY DAYS	81%	83%	83%	80%	79%	77%	77%	77%	80%	78%	78%	79%
5-DAY PRECIPITATION	0.30	0.26	0.27	0.29	0.34	0.44	0.44	0.44	0.34	0.35	0.35	0.33
LIKELY SNOWFALL	5.1 "	4.0 "	1.0 "	0.2 "	0.0 "	0.0 "	0.0 "	0.0 "	0.0 "	0.0 "	0.4 "	1.8 "
SNOWY DAYS	28%	24%	15%	5%	1%	0%	0%	0%	0%	1%	10%	20%
THUNDER DAYS	3%	4%	3%	7%	16%	22%	17%	18%	12%	7%	6%	6%
FOGGY DAYS	20%	21%	12%	4%	4%	3%	4%	5%	16%	35%	25%	28%

COMMENTS: Frankfurt has the same four-season year that is typical of northern Europe. Precipitation is primarily frontal in nature, and is fairly evenly distributed throughout the year. Thundershowers contribute to a slight summer maximum. Winter precipitation is just as likely to be rain as snow. Summer afternoons are long, more cloudy than sunny, moderately humid, and warm rather than hot. Summer nights start out mild, but can get quite cool by sunrise. Winter afternoons are short, cloudy, damp, and cold. About one afternoon a week will fail to rise above freezing--generally during one of northern Europe's notorious Arctic outbreaks. Winter nights are short, damper, and colder. About half of them will drop below freezing. In most years, the ground will not be frozen all winter long. Snows rarely remain on the ground for more than a few days, being readily melted by either rain or spells of above-freezing weather. The high humidities lead to fairly frequent fogs, especially during the winter months. It is most common along the river.