

## SUNSHINE GUIDE TO POHNPEI ISLAND, MICRONESIA

LOCATION: Pohnpei (Ponape) Island is located in the Federated States of Micronesia (formerly the Caroline Islands) in the North Pacific Ocean, some 3,000 miles southwest of Hawaii. Pohnpei island is circular, bordered by coral reefs, and rises to 2,595 feet above sea level at the summit of Mount Ngihneni. The national capital, Palikir, is situated on the northwest shore of the island.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	11:46	11:54	12:05	12:17	12:27	12:32	12:30	12:21	12:10	11:59	11:49	11:44
HOURS OF SUNSHINE	4:37	5:00	5:37	5:15	5:09	5:16	5:28	5:34	5:31	4:48	4:51	4:19
AREA OF BLUE SKY	11%	12%	12%	12%	13%	13%	16%	16%	16%	16%	13%	12%
LOW FOR MONTH	71°	71°	72°	71°	72°	71°	70°	70°	70°	70°	70°	71°
SUNRISE TEMPERATURE	75°	76°	75°	75°	75°	74°	73°	73°	73°	73°	73°	75°
AFTERNOON TEMPERATURE	86°	86°	87°	87°	87°	87°	87°	88°	88°	88°	88°	87°
HIGH FOR MONTH	89°	89°	89°	90°	90°	90°	90°	91°	91°	91°	91°	90°
FROSTY MORNINGS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
AFTERNOONS OVER 90°	3%	3%	9%	11%	19%	17%	24%	31%	34%	37%	29%	11%
AFTERNOON HUMIDITY	77%	76%	77%	79%	81%	80%	79%	79%	79%	79%	80%	78%
NEARBY WATERS	82°	82°	83°	83°	83°	83°	84°	83°	84°	84°	84°	83°
DRY DAYS	28%	29%	27%	18%	11%	9%	13%	14%	19%	19%	17%	19%
REASONABLY DRY DAYS	52%	56%	50%	39%	32%	28%	34%	35%	38%	38%	39%	42%
5-DAY PRECIPITATION	1.93	1.83	2.26	2.94	3.15	2.87	2.82	2.66	2.71	2.63	2.70	2.64
DAYS WITH SOME SNOW	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DAYS WITH SOME THUNDER	3%	3%	4%	4%	7%	7%	9%	7%	9%	10%	10%	6%
DAYS WITH SOME FOG	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

COMMENTS: Bright sunshine is likely on 42% of the daylight hours of the year. This might range from a low of 37% in December, to a high of 46% in March. The lowest temperature of the year should be close to 69° during some heavy downpour, and the highest should be near 91° on some sunny, dry and windless summer afternoon. Sensible temperatures (the ones you actually feel) will be up to 12° warmer than actual ones, due to the high afternoon humidity. Mountainous tropical islands tend to generate a "cloud cap" of cumulus clouds during the daylight hours. This cap will grow larger and thicker as the day warms up and the onshore breezes strengthen. It will usually dissipate or weaken greatly after sunset. Pohnpei shares this characteristic, fed by the prevailing trade winds out of the east-northeast. Consequently, the morning hours will be clearer and sunnier than the afternoons, as a general rule. Visitors to the area have the opportunity of seeing the sun directly overhead at local noon (clouds permitting) on two days of the year. The first of these two days will come during the second week in April, the second during the first week in September.