

Under the influence of the tropical monsoon, the Shoushan National Natural Park has a subtropical monsoon climate. The hottest month in August where the average temperature is about 29.4 degrees, and the coldest month in January with an average temperature of 17.5 degrees. The park receives year-round sunlight with clearly defined wet, dry and raining seasons. During winter, the cold air mass from Mainland China results in northeastern monsoons and dry air; summer is hot and wet with mostly southern and southwestern wind, and has well-developed Southwestern airstreams influenced by Pacific Ocean high air pressure. There are also frequent typhoons during summer and fall seasons.

[2011 Weather Data Table, Kaohsiung Weather Station](#)

Month	Temperature(°C)			Rainfall (ml)	Wind speed(m/s)		Relative humidity (%)		Station pressur e (hpa)	Rain days >= 0.1ml (days)	Sunligh t hours (hours)
	Avg.	Max	Min		Max 10min wind	Max gust	Avg.	Min			
Jan	17.5	25.0	11.3	7.7	6.6	13.9	72	39	1018.4	5	130.2
Feb	20.1	29.5	11.8	3.5	6.1	10.6	72	38	1015.3	2	212.8
Mar	21.4	30.2	13.8	8.0	5.4	10.6	68	46	1017.1	4	140.2
Apr	24.6	31.0	17.7	29.5	5.6	12.4	69	43	1013.6	3	195.3
May	27.2	32.9	21.2	106.0	7.2	13.9	75	52	1009.0	7	186.
Jun	29.3	35.8	23.5	392.0	7.7	14.9	76	54	1006.9	9	240.9
Jul	28.7	33.9	24.5	543.0	7.0	14.4	79	55	1005.9	14	211.9
Aug	29.4	34.0	25.0	367.5	9.4	21.4	76	53	1005.8	10	235.6
Sep	28.7	33.7	25.1	71.5	5.7	9.1	75	55	1007.9	8	192.0
Oct	26.9	32.3	22.8	55.0	4.7	7.8	76	56	1012.4	7	167.4
Nov	25.1	31.4	19.8	172.5	5.8	10.7	78	54	1013.9	10	130.2
Dec	20.0	28.7	13.6	40.5	5.8	11.9	75	49	1017.8	6	93.4
Avg.	24.91	31.53	19.18	149.73	6.4	12.6	74	49	1012.0	7	178.1

〈 Source: Central Weather Bureau statistics <http://www.cwb.gov.tw> 〉