

WEATHER REPORT FOR 2007 or

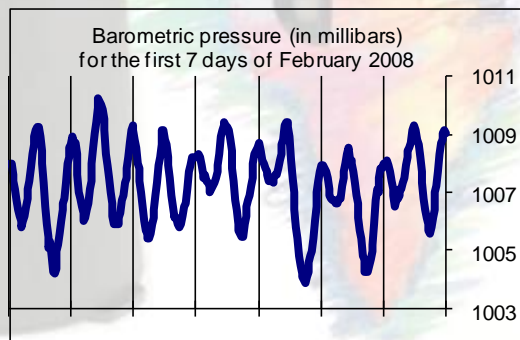
IS THE MALAYSIAN WEATHER REALLY BORING?

The recording equipment includes an official Meteorological Office (British Standards) rain measuring gauge, which is made from copper and sunk into the ground for stability. With a precise diameter of 5 inches and a calibrated glass tube, it is possible to measure rainfall to 0.2mm accuracy.

Additionally, a Davis Electronic Weather Station was mounted on the roof of our home COOLTEK in October 2006. So we have half hourly records of temperature, humidity, barometric pressure, wind speed and direction since then and the rain that has fallen since September 2004. The first complete year of being a weather recording station was 2007.

So, is Malaysian weather boring? YES! The lack of seasons, small temperature range of just 10°C for the whole of 2007 from a maximum of 33.4°C to a minimum of 23.3°C and the barometric pressure each day following the same double peak curve as shown here; it truly is.

Only by considering extremes of weather or by comparing Malaysia weather with that at our previous home in England, can any excitement be engendered.



The wettest day recorded here was 19 December 2006, when 100.2 mm of rain fell contributing to the floods in Johor & Melaka. In eighteen years of recording, the wettest day in England was just 52mm. In England, the average number of days of rain was 184 per year, while in Melaka rain falls on just 132 days. Yet, on average in one year, 2,105mm will fall on Tiara compared to just 486mm on our home in England; that's over four times more. Moving to a tropical climate, we knew this would happen, but we did not expect periods of 21 days without rain such as we suffered from 4 to 24 February this year.

The hottest temperature recorded in 2007 was 33.4°C on 8th May, and surprisingly the hottest temperature recorded in England on our station there was 33.5°C on one hot July day. Malaysia will always feel hotter than a temperate climate, like England, as the humidity is so high. Our weather station calculates a 'Thermal Index', which is how hot it 'feels' for the temperature and the humidity at the time. The 'Thermal Index' on 8th May was 45.1°C, with humidity at 71%.

Wind speed recorded shows that, on average, the air around COOLTEK is completely calm for 85% of the time. The maximum gust of 43.5 kph, from the SSW occurred on 3 July 2007, whereas the maximum in England was 118kph. The wind gusts for January 2008 are analysed in the table below and shows that one can only hope to feel the cooling wind on one's skin for the briefest moments.

Beaufort scale (Typhoon = 12)	Type of wind	Wind speed	Percentage of time	Sensation
0	Calm	Equal to zero	41%	Completely calm
1	Light air	1 - 6 km/h	33%	Visible only in smoke
2	Light breeze	7 - 11 km/h	21%	Felt on exposed skin
3	Gentle breeze	12 - 19 km/h	5%	Leaves move

2007 had above average rainfall, which was spread throughout the year, but it was not as wet as 2006 when 2434mm fell. Rain in mm that fell in 2007 is detailed below and shows that, though October, November and December had their share of rain, April was the wettest month.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2007	205	113	155	274	191	103	152	224	119	264	189	161	2150