

2.1 IKLIM
CLIMATE

Negeri / Stesen Meteorologi terpilih <i>State / Selected Meteorological station</i>	Ketinggian dari purata paras laut <i>Height above mean sea level</i>	Tahun <i>Year</i>	Purata suhu °C <i>Mean temperature °C</i>				Purata kelembapan relatif <i>Mean relative humidity</i>	Hujan <i>Rainfall</i>	
			Purata <i>Mean</i>		Mutlak <i>Absolute</i>			Jumlah <i>Total</i>	Bil. hari <i>No. of days</i>
			Maksimum <i>Maximum</i>	Minimum <i>Minimum</i>	Maksimum tertinggi <i>Highest maximum</i>	Minimum terendah <i>Lowest minimum</i>			
								(%)	(mm)
Johor									
Batu Pahat	6	2008	31.4	23.6	33.8	20.8	84.6	2,070.3	191
		2009	31.9	23.8	34.7	20.7	82.7	1,790.4	177
		2010	31.7	23.7	34.9	21.4	84.2	2,023.7	194
		2011	31.7	23.8	35.0	21.3	84.9	2,357.9	189
		2012	32.1	24.0	35.0	21.6	85.0	2,463.4	189
Kluang	88	2008	32.3	23.1	35.9	21.0	83.2	2,782.4	198
		2009	31.8	23.2	35.5	21.3	85.2	1,907.9	161
		2010	32.0	23.4	35.8	20.7	85.4	1,852.7	198
		2011	31.2	23.1	35.1	21.0	87.1	3,027.6	198
		2012	32.1	23.5	35.3	20.9	85.9	1,890.0	183
Mersing	44	2008	30.4	23.4	33.5	21.2	86.4	3,132.7	183
		2009	30.6	23.3	34.4	21.5	84.9	2,207.0	166
		2010	31.4	23.7	35.0	21.3	82.4	1,931.8	168
		2011	30.6	23.5	34.6	20.7	85.3	3,232.3	208
		2012	31.2	23.6	35.0	21.1	86.4	2,869.2	194
Senai	38	2008	30.9	22.9	34.1	20.7	87.0	3,146.0	207
		2009	31.6	23.2	34.3	20.2	85.7	1,919.9	173
		2010	32.0	23.5	35.9	21.2	84.4	2,576.2	207
		2011	31.7	23.5	35.1	20.9	85.2	2,702.6	202
		2012	31.8	23.4	34.8	21.1	86.5	2,810.0	197
Kedah									
Alor Setar	4	2008	32.5	24.1	36.0	20.8	80.5	2,274.0	178
		2009	32.8	24.3	36.5	20.3	81.5	2,573.6	173
		2010	33.5	24.6	n.a	n.a	80.0	n.a	n.a
		2011	32.5	24.3	36.4	19.8	81.4	1,968.2	165
		2012	32.4	24.3	35.4	21.8	83.5	2,850.0	188



2.1 IKLIM (SAMB.)
CLIMATE (CONT'D.)

Negeri / Stesen Meteorologi terpilih <i>State / Selected Meteorological station</i>	Ketinggian dari purata paras laut <i>Height above mean sea level</i>	Tahun <i>Year</i>	Purata suhu °C <i>Mean temperature °C</i>				Purata kelembapan relatif <i>Mean relative humidity</i>	Hujan <i>Rainfall</i>	
			Purata <i>Mean</i>		Mutlak <i>Absolute</i>			Jumlah <i>Total</i>	Bil. hari <i>No. of days</i>
			Maksimum <i>Maximum</i>	Minimum <i>Minimum</i>	Maksimum tertinggi <i>Highest maximum</i>	Minimum terendah <i>Lowest minimum</i>			
			(Meter) <i>(Metres)</i>					(%)	(mm)
Pulau Langkawi	6	2008	31.3	24.8	35.3	21.8	79.2	2,343.3	176
		2009	31.8	25.0	35.6	21.8	78.4	2,716.0	167
		2010	32.2	25.4	36.7	22.3	78.8	2,398.2	180
		2011	31.8	25.1	34.7	21.5	80.0	2,577.0	176
		2012	31.7	25.0	35.0	22.0	80.8	2,310.4	201
Kelantan									
Kota Bharu	5	2008	30.9	24.0	34.2	21.1	79.5	3,566.2	172
		2009	31.0	23.9	34.4	20.3	80.7	3,034.6	176
		2010	31.2	24.2	34.3	21.1	79.9	2,854.4	181
		2011	30.8	24.0	34.3	20.3	80.6	3,459.8	180
		2012	31.0	24.1	34.2	21.2	82.0	3,139.0	171
Kuala Krai	68	2008	31.6	22.7	35.7	19.2	86.0	3,132.3	205
		2009	32.0	22.8	35.6	19.1	86.9	3,306.5	182
		2010	32.8	23.0	37.7	20.0	85.4	2,356.6	166
		2011	31.5	22.7	35.7	18.0	85.8	3,266.2	210
		2012	32.5	23.3	35.8	19.9	84.5	2,454.8	193
Melaka									
Melaka	9	2008	31.8	24.2	34.7	21.6	78.7	2,194.4	164
		2009	31.8	24.3	34.9	21.9	78.9	1,878.0	163
		2010	32.1	24.4	35.1	20.4	79.7	1,992.8	177
		2011	31.6	24.1	35.0	21.7	82.0	1,845.2	170
		2012	31.7	24.1	34.2	22.0	82.8	1,883.2	177
Pahang									
Kuantan	15	2008	32.0	23.5	35.5	20.8	85.5	3,337.5	183
		2009	31.9	23.7	35.1	20.1	84.4	3,707.0	191
		2010	32.3	24.0	35.8	20.9	84.5	2,319.0	182
		2011	31.6	23.5	35.3	20.1	85.6	3,242.6	188
		2012	31.7	23.4	34.6	21.3	87.1	3,283.8	205



2.1 IKLIM (SAMB.)
CLIMATE (CONT'D.)

Negeri / Stesen Meteorologi terpilih <i>State / Selected Meteorological station</i>	Ketinggian dari purata paras laut <i>Height above mean sea level</i>	Tahun <i>Year</i>	Purata suhu °C <i>Mean temperature °C</i>				Purata kelembapan relatif <i>Mean relative humidity</i>	Hujan <i>Rainfall</i>	
			Purata <i>Mean</i>		Mutlak <i>Absolute</i>			Jumlah <i>Total</i>	Bil. hari <i>No. of days</i>
			Maksimum <i>Maximum</i>	Minimum <i>Minimum</i>	Maksimum tertinggi <i>Highest maximum</i>	Minimum terendah <i>Lowest minimum</i>			
(Meter) <i>(Metres)</i>						(%)	(mm)		
Batu Embun	59	2008	32.2	23.1	35.2	19.2	85.6	2,606.5	193
		2009	32.6	23.1	36.2	19.9	84.3	2,246.8	187
		2010	33.2	23.5	37.9	20.0	82.6	2,230.3	173
		2011	32.2	23.2	35.6	20.6	84.8	2,442.0	190
		2012	32.6	23.2	35.3	20.3	86.0	1,971.2	194
Cameron Highlands ^(a) (Tanah Rata)	1,545	2008	22.2	15.2	25.8	11.6	88.0	3,951.6	260
		2009	22.1	15.3	n.a	n.a	89.1	3,051.2	242
		2010	22.7	15.4	26.2	12.3	89.4	2,451.0	234
		2011	22.0	15.2	24.9	12.0	90.5	3,310.1	249
		2012	22.5	15.5	25.7	13.0	90.8	2,861.4	239
Temerloh	39	2008	32.4	23.1	35.4	20.1	83.1	1,854.6	159
		2009	32.9	23.2	36.9	20.3	82.1	1,751.2	167
		2010	33.3	23.6	37.3	20.9	82.4	1,762.8	166
		2011	32.6	23.3	35.7	21.2	83.7	2,350.6	190
		2012	33.2	23.4	36.1	20.9	83.4	2,053.8	182
Muadzam Shah	33	2008	32.2	23.1	35.6	21.3	82.0	2,384.5	174
		2009	32.3	23.3	35.8	n.a	83.0	1,879.2	166
		2010	32.1	23.2	35.6	20.5	83.1	1,985.0	165
		2011	31.6	23.2	n.a	n.a	84.0	3,011.7	189
		2012	32.2	23.4	35.3	21.4	85.6	2,647.6	193

(a) Stesen Bukit.
Hill Station.



2.1 IKLIM (SAMB.)
CLIMATE (CONT'D.)

Negeri / Stesen Meteorologi terpilih <i>State / Selected Meteorological station</i>	Ketinggian dari purata paras laut <i>Height above mean sea level</i>	Tahun <i>Year</i>	Purata suhu °C <i>Mean temperature °C</i>				Purata kelembapan relatif <i>Mean relative humidity</i>	Hujan <i>Rainfall</i>	
			Purata <i>Mean</i>		Mutlak <i>Absolute</i>			Jumlah <i>Total</i>	Bil. hari <i>No. of days</i>
			Maksimum <i>Maximum</i>	Minimum <i>Minimum</i>	Maksimum tertinggi <i>Highest maximum</i>	Minimum terendah <i>Lowest minimum</i>			
	(Meter) <i>(Metres)</i>					(%)	(mm)		
Perak									
Ipoh	40	2008	32.6	23.1	35.6	20.9	81.1	3,534.6	226
		2009	32.9	23.9	n.a	n.a	83.0	3,110.3	217
		2010	32.9	24.0	36.7	21.7	82.1	3,189.1	217
		2011	32.4	23.7	35.3	21.0	82.5	2,582.3	191
		2012	32.8	24.0	35.7	21.4	79.3	2,778.6	196
Lubok Merbau	77	2008	32.5	23.1	35.8	19.9	81.5	2,382.7	210
		2009	32.7	23.2	36.7	20.1	82.8	2,110.4	191
		2010	33.1	23.7	37.4	21.1	84.0	2,139.6	195
		2011	32.8	23.3	35.7	19.5	83.0	2,182.4	189
		2012	32.9	23.4	36.1	21	83.4	1,841.9	191
Sitiawan	7	2008	31.6	23.6	34.3	21.3	83.5	2,224.5	171
		2009	32.1	23.8	35.1	21.1	83.0	2,072.0	176
		2010	32.7	24.2	35.2	22.1	82.1	1,517.6	181
		2011	31.9	23.9	34.8	20.7	82.8	2,471.1	171
		2012	32.0	24.0	34.5	21.7	83.8	1,833.8	181
Perlis									
Chuping	22	2008	32.1	23.6	36.1	21.8	81.1	1,772.4	176
		2009	32.5	23.8	36.4	20.9	80.2	2,107.1	165
		2010	33.3	24.2	38.2	22.1	79.6	2,201.9	175
		2011	32.5	23.8	36.2	20.6	80.3	2,162.0	164
		2012	32.7	23.9	35.9	21.9	84.9	2,065.6	178
Pulau Pinang									
Bayan Lepas	3	2008	31.3	24.6	33.3	22.0	80.3	2,569.8	184
		2009	31.6	24.8	34.1	22.4	79.8	2,944.0	187
		2010	32.1	25.2	35.4	22.6	80.2	2,092.0	177
		2011	31.4	24.8	33.7	21.8	81.3	2,297.8	177
		2012	31.5	24.9	33.7	22.2	80.2	2,294.6	191



2.1 IKLIM (SAMB.)
CLIMATE (CONT'D.)

Negeri / Stesen Meteorologi terpilih <i>State / Selected Meteorological station</i>	Ketinggian dari purata paras laut <i>Height above mean sea level</i>	Tahun <i>Year</i>	Purata suhu °C <i>Mean temperature °C</i>				Purata kelembapan relatif <i>Mean relative humidity</i>	Hujan <i>Rainfall</i>	
			Purata <i>Mean</i>		Mutlak <i>Absolute</i>			Jumlah <i>Total</i>	Bil. hari <i>No. of days</i>
			Maksimum <i>Maximum</i>	Minimum <i>Minimum</i>	Maksimum tertinggi <i>Highest maximum</i>	Minimum terendah <i>Lowest minimum</i>			
								(%)	(mm)
Butterworth	3	2008	31.5	23.8	n.a	n.a	80.0	2,133.6	177
		2009	31.3	24.0	34.2	20.6	79.9	2,669.8	190
		2010	32.2	24.9	37.0	22.1	80.1	2,015.8	170
		2011	31.8	24.6	34.4	20.3	80.2	2,525.6	170
		2012	31.7	24.5	34.5	22.4	80.9	2,250.8	181
Sabah									
Kota Kinabalu	2	2008	31.8	23.9	34.5	21.7	80.8	3,291.2	221
		2009	32.2	24.2	36.1	22.3	79.2	2,747.6	175
		2010	32.4	24.3	34.5	21.5	81.5	3,394.6	200
		2011	32.1	24.2	35.1	22.3	81.1	2,782.2	216
		2012	32.4	24.1	35.0	22.3	81.5	2,543.4	195
Sandakan	10	2008	31.0	24.1	34.7	21.7	82.8	3,823.0	215
		2009	31.5	24.4	35.6	21.7	81.4	3,964.6	209
		2010	31.7	24.6	35.5	22.3	80.9	2,178.4	167
		2011	31.1	24.2	n.a	n.a	84.5	5,403.4	239
		2012	31.6	24.3	35.2	21.7	84.4	3,792.4	217
Tawau	17	2008	30.9	23.5	33.8	21.2	83.3	2,185.4	183
		2009	31.3	23.8	33.9	22.0	81.5	1,999.4	197
		2010	31.9	23.9	35.5	20.9	80.5	1,674.6	160
		2011	31.3	23.7	34.4	21.6	82.3	2,239.0	201
		2012	31.4	23.6	33.8	21.4	80.3	2,421.2	199
Kudat	3	2008	31.3	23.9	34.0	21.4	86.1	2,962.5	209
		2009	31.3	24.1	35.2	20.8	82.5	2,848.2	186
		2010	31.4	24.4	35.4	21.4	82.2	1,830.6	165
		2011	30.6	23.8	34.1	21.7	84.0	4,221.1	233
		2012	31.1	24.0	34.2	21.1	83.3	2,666.5	212



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CLIMATE (CONT'D.)

Negeri / Stesen Meteorologi terpilih <i>State / Selected Meteorological station</i>	Ketinggian dari purata paras laut <i>Height above mean sea level</i>	Tahun <i>Year</i>	Purata suhu °C <i>Mean temperature °C</i>				Purata kelembapan relatif <i>Mean relative humidity</i>	Hujan <i>Rainfall</i>	
			Purata <i>Mean</i>		Mutlak <i>Absolute</i>			Jumlah <i>Total</i>	Bil. hari <i>No. of days</i>
			Maksimum <i>Maximum</i>	Minimum <i>Minimum</i>	Maksimum tertinggi <i>Highest maximum</i>	Minimum terendah <i>Lowest minimum</i>			
								(%)	(mm)
Sarawak									
Kuching	20	2008	31.2	23.2	34.8	20.8	85.0	4,307.7	248
		2009	31.9	23.5	36.8	21.0	84.0	4,729.6	238
		2010	31.6	23.6	34.9	21.3	85.6	4,564.2	261
		2011	31.7	23.3	35.6	21.3	85.5	4,616.4	244
Sibu	31	2012	32.4	23.5	36.4	21.4	84.3	3,835.8	247
		2008	31.9	23.2	35.6	21.3	82.3	4,519.4	264
		2009	32.1	23.2	36.2	20.6	82.8	4,468.1	234
		2010	32.1	23.3	35.5	21.3	84.2	3,330.6	243
		2011	32.2	23.2	35.8	21.0	84.2	3,310.2	224
Bintulu	3	2012	32.4	23.3	35.5	21.6	84.8	3,328.6	230
		2008	31.3	23.3	34.5	20.6	84.0	5,414.2	252
		2009	32.0	23.6	36.1	21.7	83.0	4,581.0	218
		2010	31.8	23.8	34.8	21.6	84.2	4,355.6	239
		2011	31.6	23.5	34.6	20.9	85.9	3,409.8	229
Miri	17	2012	31.9	23.5	35.4	21.7	85.5	3,936.2	221
		2008	30.4	23.4	33.5	21.0	82.7	2,980.2	212
		2009	30.9	23.8	34.9	21.9	81.8	3,252.2	191
		2010	30.9	23.9	33.5	21.2	82.8	3,086.9	206
		2011	30.9	23.8	34.2	21.5	83.9	3,246.0	200
Sri Aman	10	2012	31.2	23.8	34.6	21.1	82.0	2,696.8	203
		2008	32.3	23.2	35.9	20.7	83.7	3,986.6	249
		2009	32.9	23.4	36.8	19.7	83.0	3,803.0	219
		2010	32.8	23.7	36.1	21.5	82.9	4,983.4	261
		2011	32.6	23.2	35.9	20.9	84.5	4,133.5	239
		2012	32.8	23.1	35.8	19.4	85.1	2,763.7	222



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			Purata <i>Mean</i>		Mutlak <i>Absolute</i>			Jumlah <i>Total</i>	Bil. hari <i>No. of days</i>
			Maksimum <i>Maximum</i>	Minimum <i>Minimum</i>	Maksimum tertinggi <i>Highest maximum</i>	Minimum terendah <i>Lowest minimum</i>			
								(%)	(mm)
Selangor									
Subang	17	2008	32.1	23.9	35.0	21.3	77.0	3,278.6	203
		2009	32.8	24.4	36.2	21.7	75.9	2,857.4	200
		2010	33.8	25.1	36.4	22.6	79.6	3,105.0	215
		2011	33.3	25.1	36.8	22.9	80.7	2,668.4	205
		2012	33.4	24.9	36.6	22.6	80.9	3,100.5	191
Petaling Jaya	61	2008	32.0	24.2	34.9	21.6	76.5	3,749.5	212
		2009	32.7	24.6	36.9	21.8	74.9	3,043.8	207
		2010	32.8	24.7	35.9	22.2	76.9	3,651.8	233
		2011	32.8	25.1	36.1	22.7	79.1	3,642.6	218
		2012	32.9	25.1	35.8	22.5	77.4	3,414.6	206
KLIA Sepang	16	2008	31.3	23.7	34.5	20.5	81.4	2,092.6	167
		2009	31.8	24.0	34.7	21.2	81.2	2,099.2	168
		2010	32.0	24.3	35.5	21.5	83.4	2,264.8	192
		2011	31.7	24.1	35.4	21.4	83.6	1,632.4	178
		2012	31.9	24.2	35.2	21.4	82.1	2,271.4	186
Terengganu									
Kuala Terengganu	5	2008	30.7	24.5	33.6	21.4	82.6	3,609.6	165
		2009	30.9	24.0	33.7	20.3	82.5	3,593.6	178
		2010	31.5	24.5	34.5	21.8	80.7	2,363.2	170
		2011	30.9	24.4	33.7	21.0	84.3	3,645.4	189
		2012	31.3	24.5	34.3	22.3	84.5	3,094.4	197
W.P. Labuan									
Labuan	29	2008	30.8	24.6	34.4	21.2	82.4	3,823.4	207
		2009	31.2	25.0	34.7	21.3	83.8	2,927.4	190
		2010	31.3	25.0	34.5	22.1	83.8	4,628.6	218
		2011	30.9	24.7	33.6	22.0	82.9	3,410.8	218
		2012	31.7	24.9	34.5	21.7	83.6	3,323.4	191

Sumber : Jabatan Meteorologi Malaysia (JMM)
 Source : Malaysian Meteorological Department (MMD)