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2.1 PENCERAPAN METEOROLOGI DI STESEN - STESEN METEOROLOGI
KUCHING, SIBU, MIRI DAN BINTULU 2008 – 2012
Meteorological Observations at Meteorological Stations,
Kuching, Sibul, Miri and Bintulu 2008 – 2012

Tempat <i>Locality</i>	Tahun <i>Year</i>	Suhu Udara Permukaan (°C) <i>Surface Air Temperature (°C)</i>				Min Kelembapan Relatif Pada 1400 Waktu Tempatan (%) <i>Mean Relative Humidity at 1400 Local Time (%)</i>	Hujan <i>Rainfall</i>			Min Cahaya Matahari Harian (Jam) <i>Mean Daily Sunshine (hours)</i>
		Min <i>Mean</i>		Maksimum Tertinggi <i>Highest Maximum</i>	Minimum Terendah <i>Lowest Minimum</i>		Jumlah <i>Total (mm)</i>	Maksimum Dalam Sehari <i>Maximum in a day (mm)</i>	Bilangan Hari <i>Number of days</i>	
		Maksimum <i>Maximum</i>	Minimum <i>Minimum</i>							
KUCHING (110° 22 ' 48 " T, 01° 29 ' 24 " U 21.7 Meter Ketinggian Dari Min Aras Laut) Kuching (110° 22 ' 48 " E, 01° 29 ' 24 " N 21.7 metres above mean sea level)	2008	31.2	23.2	34.8	20.8	68.0	4,307.7	134.4	248	TD
	2009	31.9	23.5	36.8	21.0	64.8	4,726.6	187.0	238	TD
	2010	31.6	23.6	34.9	21.3	68.8	4,559.2	168.2	261	TD
	2011	31.8	23.3	35.6	21.3	66.4	4,624.4	283.6	244	TD
	2012	32.4	23.5	36.4	21.4	65.3	3,833.5	125.2	248	TD
SIBU (111° 49 ' 48 " T, 02° 19 ' 48 " U; 30.9 Meter Ketinggian Dari Min Aras Laut) Sibu (111° 49 ' 48 " E, 02° 19 ' 48 " N; 30.9 metres above mean sea level)	2008	31.9	23.2	35.6	21.3	65.3	4,519.4	158.2	264	5.2
	2009	32.1	23.2	36.2	20.6	63.1	4,454.8	142.2	234	5.4
	2010	32.2	23.3	35.6	21.3	64.8	3,300.8	142.4	242	5.2
	2011	32.2	23.2	35.8	21.0	64.5	3,256.3	109.0	221	5.6
	2012	32.4	23.3	35.5	21.6	64.2	3,353.3	113.2	228	6.0
MIRI (113° 58 ' 48 " T, 04° 19 ' 48 " U; 17.0 Meter Ketinggian Dari Min Aras Laut) Miri (113° 58 ' 48 " E, 04° 19 ' 48 " N; 17.0 metres above mean sea level)	2008	30.4	23.4	33.5	21.0	71.0	2,986.0	170.4	212	TD
	2009	30.9	23.9	34.9	21.9	70.2	3,252.2	126.2	191	TD
	2010	30.9	23.9	33.5	21.2	70.2	3,086.5	107.2	205	TD
	2011	30.9	23.8	34.2	21.5	71.5	3,246.4	229.2	199	TD
	2012	31.2	23.8	34.6	21.1	68.8	2,695.8	98.4	203	TD
BINTULU (113° 01 ' 48 " T, 03° 12 ' 00 " U; 3.1 Meter Ketinggian Dari Min Aras Laut) Bintulu (113° 01 ' 48 " E, 03° 12 ' 00 " N; 3.1 metres above mean sea level)	2008	31.3	23.3	34.5	20.6	67.9	5,381.0	116.6	252	6.0
	2009	32.0	23.6	36.1	21.7	66.3	4,577.8	126.4	220	5.9
	2010	31.8	23.8	34.8	21.6	67.8	4,207.6	177.8	235	6.3
	2011	31.6	23.5	34.6	20.9	69.5	3,428.2	109.2	229	5.7
	2012	31.9	23.5	35.4	21.7	69.8	3,924.8	124.2	219	5.5

TD : Tidak diperoleh

TD : Not available

Sumber : Jabatan Meteorologi Malaysia,
Cawangan Sarawak

Source : Malaysian Meteorological Service,
Sarawak Branch

2.2 RINGKASAN BAGI HUJAN TAHUNAN MENGIKUT STESEN, SARAWAK 2012
Summary of Annual Rainfall by Station, Sarawak 2012

Bahagian Division	Stesen Station	No. Stesen Station No.	Min Hujan Tahunan Mean Annual Rainfall				Hujan Sebenar Bagi Tahun 2012 Actual Rainfall For 2012 (mm)
			Daripada From	Hingga To	Bil. Tahun No. of Years	Min Mean (mm)	
KUCHING	Kuching Airport	1403001	1949	2012	63	4,082	3,680
	Matang	1502026	1910	2012	84	4,091	4,262
	Sungai Cina	1601003	1924	2012	66	5,033	4,447
	Bau	1401005	1911	2012	68	3,628	3,703
	Lundu	1698007	1911	2012	60	3,260	2,833
SRI AMAN	Sri Aman DID	1214001	1931	2012	71	3,380	2,635
	Lingga	1311003	1947	2012	55	3,288	3,440
	Lubok Antu	1018002	1950	2012	45	3,012	2,842
SIBU	Sibu JKR	2218017	1911	2012	64	3,092	2,881
	Sibu Airport	2219001	1994	2012	18	3,378	3,477
	Rantau Panjang	2418013	1949	2012	45	2,955	2,840
MIRI	Miri Airport	4339005	1917	2012	86	2,894	2,710
	Lutong	4440001	1949	2012	55	3,016	3,075
	Bekenu	4038006	1952	2012	54	2,631	2,169
	Long Akah	3347003	1963	2012	32	4,512	4,257
	Marudi	4143004	1911	2012	71	2,415	2,858
LIMBANG	Limbang DID	4749001	1980	2012	28	3,205	3,691
	Ukong	4548004	1948	2012	60	3,667	3,188
	Lawas Airfield	4854009	1961	2012	42	3,979	3,844
	Long Semadoh	4255006	1950	2012	45	2,454	2,272
SARIKEI	Sarikei DID	2115008	1935	2012	55	2,951	2,466
KAPIT	Kapit NHW	2029002	1986	2012	25	3,898	2,942
	Song	2025012	1950	2012	51	2,666	3,174
	Belaga	2737103	1970	2012	36	3,508	3,383
SAMARAHAN	Tarat	1205006	1950	2012	56	3,125	3,328
	Tebakang	1105050	1964	2012	45	3,805	3,452
BINTULU	JPS Bintulu	3130004	1915	2012	-	-	-
MUKAH	Mukah JKR	2920005	1934	2012	67	3,581	3,133
	Matu	2615009	1935	2012	65	2,950	2,803
	Daro	2514004	1949	2012	52	2,768	2,796
BETONG	Betong	1415004	1949	2012	61	2,622	3,073
	Saratok	1713005	1940	2012	62	3,264	3,099

Sumber : Jabatan Pengairan dan Saliran

Source : Drainage and Irrigation Department

2.3 PENCERAPAN METEOROLOGI DI STESEN METEOROLOGI, LAPANGAN TERBANG ANTARABANGSA KUCHING 2012

Meteorological Observations at Meteorological Station, Kuching International Airport 2012

Bulan Month	Suhu Udara Permukaan (°C) Surface Air Temperature (°C)				Min Kelembapan Relatif Pada 1400 Waktu Tempatan (%) Mean Relative Humidity at 1400 Local Time (%)	Hujan Rainfall			Min Cahaya Matahari Harian (Jam) Mean Daily Sunshine (hours)
	Min Mean		Maksimum Tertinggi Highest Maximum	Minimum Terendah Lowest Minimum		Jumlah Total (mm)	Maksimum Dalam Sehari Maximum in a day (mm)	Bilangan Hari Number of days	
	Maksimum Maximum	Minimum Minimum							
Jan / Jan	30.9	23.2	33.8	22.0	70.4	822.1	125.2 /04	26	TD
Feb / Feb	31.0	23.1	33.1	22.1	69.6	299.2	66.0 /13	20	TD
Mac / Mar	31.8	23.4	34.5	22.2	67.5	409.4	117.2 /13	19	TD
Apr / Apr	33.0	23.6	34.8	22.7	64.7	244.0	38.0 /12	21	TD
Mei / May	33.8	24.0	35.6	22.7	59.9	237.0	52.0 /02	20	TD
Jun / Jun	33.6	23.6	35.7	22.0	58.0	99.6	29.0 /21	11	TD
Jul / Jul	32.5	23.6	34.3	22.4	64.6	219.6	34.4 /17	23	TD
Ogo / Aug	32.3	23.7	34.9	22.3	65.6	318.2	71.0 /27	22	TD
Sep / Sep	33.4	23.6	36.4	21.4	59.9	193.0	60.0 /16	10	TD
Okt / Oct	32.2	23.4	34.3	22.3	65.9	373.6	63.6 /14	25	TD
Nov / Nov	32.0	23.6	34.2	22.7	67.7	275.8	38.2 /28	25	TD
Dis / Dec	31.8	23.7	34.0	22.6	69.2	342.0	58.4 /23	26	TD
Tahunan Annual	32.4	23.5	36.4	21.4	65.25	3,833.5	125.2	248	TD

110° 22 ' 48 " T, 01° 29 ' 24 " U
21.7 meter ketinggian dari min aras laut

110° 22 ' 48 " E, 01° 29 ' 24 " N
21.7 metres above mean sea level

TD : Tidak diperoleh

TD : Not available

Sumber : Jabatan Meteorologi Malaysia,
Cawangan Sarawak

Source : Malaysian Meteorological Service,
Sarawak Branch

2.4 PENCERAPAN METEOROLOGI DI STESEN METEOROLOGI, LAPANGAN TERBANG SIBU 2012

Meteorological Observations at Meteorological Station, Sibul Airport 2012

Bulan Month	Suhu Udara Permukaan (°C) Surface Air Temperature (°C)				Min Kelembapan Relatif Pada 1400 Waktu Tempatan (%) Mean Relative Humidity at 1400 Local Time (%)	Hujan Rainfall			Min Cahaya Matahari Harian (Jam) Mean Daily Sunshine (hours)
	Min Mean		Maksimum Tertinggi Highest Maximum	Minimum Terendah Lowest Minimum		Jumlah Total (mm)	Maksimum Dalam Sehari Maximum in a day (mm)	Bilangan Hari Number of days	
	Maksimum Maximum	Minimum Minimum							
Jan / Jan	31.6	23.1	34.2	22.2	70.1	475.4	84.8 /26	24	4.9
Feb / Feb	31.4	23.2	34.4	22.0	66.1	332.2	82.2 /11	22	5.1
Mac / Mar	31.9	23.0	33.9	21.8	63.3	369.0	62.4 /14	22	5.2
Apr / Apr	32.8	23.4	34.6	22.5	63.2	310.8	55.8 /19	22	6.4
Mei / May	33.3	23.6	35.1	22.6	60.4	174.0	44.4 /12	12	7.1
Jun / Jun	33.5	23.2	35.4	21.8	56.4	170.4	46.4 /09	11	7.3
Jul / Jul	32.4	23.2	34.4	22.4	60.8	238.6	45.0 /10	17	6.3
Ogo / Aug	32.2	23.1	35.0	21.6	62.6	193.8	44.2 /23	15	6.3
Sep / Sep	33.0	23.4	34.9	22.1	59.0	86.4	41.8 /20	12	6.2
Okt / Oct	32.0	23.5	35.5	22.4	70.8	287.7	52.1 /27	26	5.4
Nov / Nov	32.0	23.7	34.0	22.5	69.8	332.0	76.0 /02	23	5.3
Dis / Dec	32.2	23.6	34.2	22.2	67.8	383.0	113.2 /31	22	6.2
Tahunan Annual	32.4	23.3	35.5	21.6	64.19	3,353.3	113.2	228	6.0

111° 49 ' 48 " T, 02° 19 ' 48 " U
30.9 meter ketinggian dari min aras laut

111° 49 ' 48 " E, 02° 19 ' 48 " N
30.9 metres above mean sea level

Sumber : Jabatan Meteorologi Malaysia,
Cawangan Sarawak

Source : Malaysian Meteorological Service,
Sarawak Branch

2.5 PENCERAPAN METEOROLOGI DI STESEN METEOROLOGI, LAPANGAN TERBANG MIRI 2012

Meteorological Observations at Meteorological Station, Miri Airport 2012

Bulan Month	Suhu Udara Permukaan (°C) Surface Air Temperature (°C)				Min Kelembapan Relatif Pada 1400 Waktu Tempatan (%) Mean Relative Humidity at 1400 Local Time (%)	Hujan Rainfall			Min Cahaya Matahari Harian (Jam) Mean Daily Sunshine (hours)
	Min Mean		Maksimum Tertinggi Highest Maximum	Minimum Terendah Lowest Minimum		Jumlah Total (mm)	Maksimum Dalam Sehari Maximum in a day (mm)	Bilangan Hari Number of days	
	Maksimum Maximum	Minimum Minimum							
Jan / Jan	30.9	23.7	32.6	22.7	73.9	280.8	40.0/20	19	TD
Feb / Feb	30.5	23.6	33.4	22.8	71.8	204.4	46.0/13	23	TD
Mac / Mar	30.5	23.7	31.8	21.9	73.9	316.4	74.8/17	16	TD
Apr / Apr	31.2	23.8	33.3	22.6	67.5	141.0	19.8/16	19	TD
Mei / May	31.7	23.8	32.7	21.9	66.4	136.6	30.0/13	14	TD
Jun / Jun	31.5	23.4	33.9	21.1	61.3	168.0	78.6/09	8	TD
Jul / Jul	30.9	23.5	33.1	22.0	66.9	160.8	70.4/14	14	TD
Ogo / Aug	31.8	23.8	32.8	22.4	63.4	170.6	80.8/23	9	TD
Sep / Sep	32.0	24.1	33.2	22.8	64.2	80.8	16.6/26	12	TD
Okt / Oct	31.2	24.1	33.2	22.1	69.7	339.4	64.8/22	22	TD
Nov / Nov	31.2	24.0	33.0	22.5	73.7	463.2	98.4/12	24	TD
Dis / Dec	31.5	24.3	34.6	23.0	72.3	233.8	45.6/02	23	TD
Tahunan Annual	31.2	23.8	34.6	21.1	68.75	2,695.8	98.4	203	TD

113° 58 ' 48 " T, 04° 19 ' 48 " U
17.0 meter ketinggian dari min aras laut

TD : Tidak diperoleh

Sumber : Jabatan Meteorologi Malaysia,
Cawangan Sarawak

113° 58 ' 48 " E, 04° 19 ' 48 " N
17.0 metres above mean sea level

TD : Not available

Source : Malaysian Meteorological Service,
Sarawak Branch

2.6 PENCERAPAN METEOROLOGI DI STESEN METEOROLOGI, LAPANGAN TERBANG BINTULU 2012

Meteorological Observations at Meteorological Station, Bintulu Airport 2012

Bulan Month	Suhu Udara Permukaan (°C) Surface Air Temperature (°C)				Min Kelembapan Relatif Pada 1400 Waktu Tempatan (%) Mean Relative Humidity at 1400 Local Time (%)	Hujan Rainfall			Min Cahaya Matahari Harian (Jam) Mean Daily Sunshine (hours)
	Min Mean		Maksimum Tertinggi Highest Maximum	Minimum Terendah Lowest Minimum		Jumlah Total (mm)	Maksimum Dalam Sehari Maximum in a day (mm)	Bilangan Hari Number of days	
	Maksimum Maximum	Minimum Minimum							
Jan / Jan	31.0	23.2	33.1	21.9	70.8	503.0	88.0/05	23	4.2
Feb / Feb	30.9	23.4	33.1	22.1	71.0	338.0	65.2/26	21	5.7
Mac / Mar	31.4	23.4	33.3	22.1	69.2	187.8	48.6/07	21	5.6
Apr / Apr	32.1	23.8	33.7	22.5	74.6	338.8	75.4/21	21	6.2
Mei / May	32.9	23.9	35.2	22.3	64.0	104.4	25.2/05	10	6.8
Jun / Jun	33.0	23.2	35.4	21.9	63.7	226.2	67.2/06	9	6.2
Jul / Jul	31.9	23.4	33.7	22.7	70.8	426.0	124.2/04	19	5.4
Ogo / Aug	32.3	23.3	35.3	21.8	68.4	168.8	47.0/11	17	5.5
Sep / Sep	32.3	23.6	34.2	21.7	68.3	181.2	53.4/16	9	3.6
Okt / Oct	31.4	23.5	33.6	22.4	72.0	485.2	93.6/01	23	3.8
Nov / Nov	31.6	23.7	33.4	22.6	72.4	482.8	106.6/02	23	5.8
Dis / Dec	31.8	23.6	33.5	21.9	71.9	482.6	63.0/22	23	6.8
Tahunan Annual	31.9	23.5	35.4	21.7	69.76	3,924.8	124.2	219	5.5

113° 01 ' 48 " T, 03° 12 ' 00 " U
3.1 meter ketinggian dari min aras laut

Sumber : Jabatan Meteorologi Malaysia,
Cawangan Sarawak

113° 01 ' 48 " E, 03° 12 ' 00 " N
3.1 metres above mean sea level

Source : Malaysian Meteorological Service,
Sarawak Branch