

ข้อมูลอากาศประเทศไทยสำหรับงานอนุรักษ์พลังงาน  
จังหวัดประจวบคีรีขันธ์



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จุฬาลงกรณ์มหาวิทยาลัย

สิงหาคม 2543

เล่ม

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ตารางสรุปผลของข้อมูลทุกประเภทจังหวัดประจวบคีรีขันธ์

**CLIMATOLOGICAL DATA FOR THE PERIOD 1981-1998** station : PRACHUAP KHIRI KHAN

Elevation of station above MSL

4 Meters

Latitude: 11 50 N

Longitude: 99 50 E

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
<b>TEMPERATURE (°C)</b>													
Averages													
Daily Maximum	29.7	30.3	31.1	32.3	32.3	31.2	31.2	30.6	30.8	30.0	29.9	29.5	30.7
Monthly Mean	25.1	26.4	27.7	29.1	29.0	28.3	28.0	27.7	27.6	26.9	26.5	25.2	27.3
Daily Minimum	20.9	22.1	23.8	25.8	26.4	26.3	25.9	25.8	25.3	24.5	24.0	21.9	24.4
Dry bulb Standard Deviation	3.8	3.4	3.1	2.9	2.8	2.4	2.6	2.3	2.4	2.6	2.8	3.5	2.9
Extremes													
Highest	33.5	36.5	35.3	37.9	38.0	36.7	37.9	35.5	35.0	34.0	34.2	33.5	38.0
Lowest	13.4	15.5	17.4	22.5	23.0	23.4	22.3	23.3	21.8	18.5	19.0	13.5	13.4
Monthly Dew Point	20.3	22.2	23.3	24.4	24.3	23.7	23.2	23.2	23.3	23.4	21.9	19.1	22.7
Dew Point Standard Deviation	3.1	2.3	2.1	1.6	1.4	1.3	1.2	1.1	1.1	1.4	2.4	3.0	1.8
Monthly Wet bulb Temperature	22.0	23.5	24.7	25.8	25.7	25.1	24.7	24.6	24.6	24.5	23.4	21.3	24.2
<b>DEGREE DAY BASE 18.3 °C</b>													
Heating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cooling	211.2	234.4	291.5	323.4	330.9	299.0	300.1	291.6	276.5	266.0	244.5	213.9	3,283.0
<b>RELATIVE HUMIDITY (%)</b>													
Averages													
Monthly Mean	76.1	78.6	77.9	76.5	76.9	76.9	76.0	77.2	78.5	82.3	77.2	70.4	77.0
Hour 01:00-06:00	86.7	87.9	86.0	83.9	84.6	83.4	83.0	83.5	85.4	90.2	84.8	79.4	84.9
Hour 07:00-12:00	75.2	78.4	77.1	74.6	75.8	76.8	76.6	77.6	78.4	82.2	77.0	69.4	76.6
Hour 13:00-18:00	63.4	68.2	69.3	69.1	68.9	69.0	66.5	68.7	69.0	72.2	66.7	58.5	67.5
Hour 19:00-24:00	79.0	80.1	79.3	78.3	78.3	78.4	78.1	79.0	81.3	84.6	80.2	74.4	79.2
<b>WIND</b>													
Average Speed (m/s)	1.6	1.9	2.1	2.2	2.0	2.2	2.3	2.3	1.8	1.4	2.1	2.5	2.0
Prevailing wind	NE	S	S	S	W	W	W	W	W	N, NE	N	N	W
Maximum Speed (m/s)	10.3	9.3	10.3	10.3	26.2	10.8	11.3	10.8	30.8	10.3	10.3	12.9	30.8
<b>SKY COVER (0-10)</b>													
Average Sky Condition	3.9	4.2	4.3	5	6.9	8.2	8.1	8.6	8.2	7.4	5.9	4.1	6.2
<b>Percentage of Sky cover</b>													
Clear sky (0-3)	54	49	48	36	15	6	6	3	5	9	29	53	26
Partly Cloudy sky (4-7)	32	33	34	39	34	22	24	18	24	33	33	29	30
Cloudy sky (8-10)	14	17	18	24	51	72	70	79	71	58	39	19	44
<b>SUNSHINE DURATION* (hours)</b>													
Average Monthly total	-	-	-	-	-	-	-	-	-	-	-	-	-
Percentage of Sunshine	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>SOLAR RADIATION* (W/m<sup>2</sup>)</b>													
Average Hourly max	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Hourly mean	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Daily Total	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>RAINFALL (mm)</b>													
Average Monthly total	26.5	21.6	43.9	49.6	127.3	147.3	173.4	146.8	136.6	251.7	180.2	7.0	1,311.9
Daily record high	94.6	45.7	109.5	63.1	159.7	122.4	123.0	130.7	181.9	240.4	201.3	30.0	240.4
Average Number of rainy days (0.1 mm. Or more)	2	2	4	5	12	16	17	18	17	16	8	2	119
<b>EVAPORATION (mm)</b>													
Average Monthly total	140.2	139.4	169.0	176.6	169.6	135.0	143.0	132.9	128.2	123.3	139.7	154.7	1,751.6

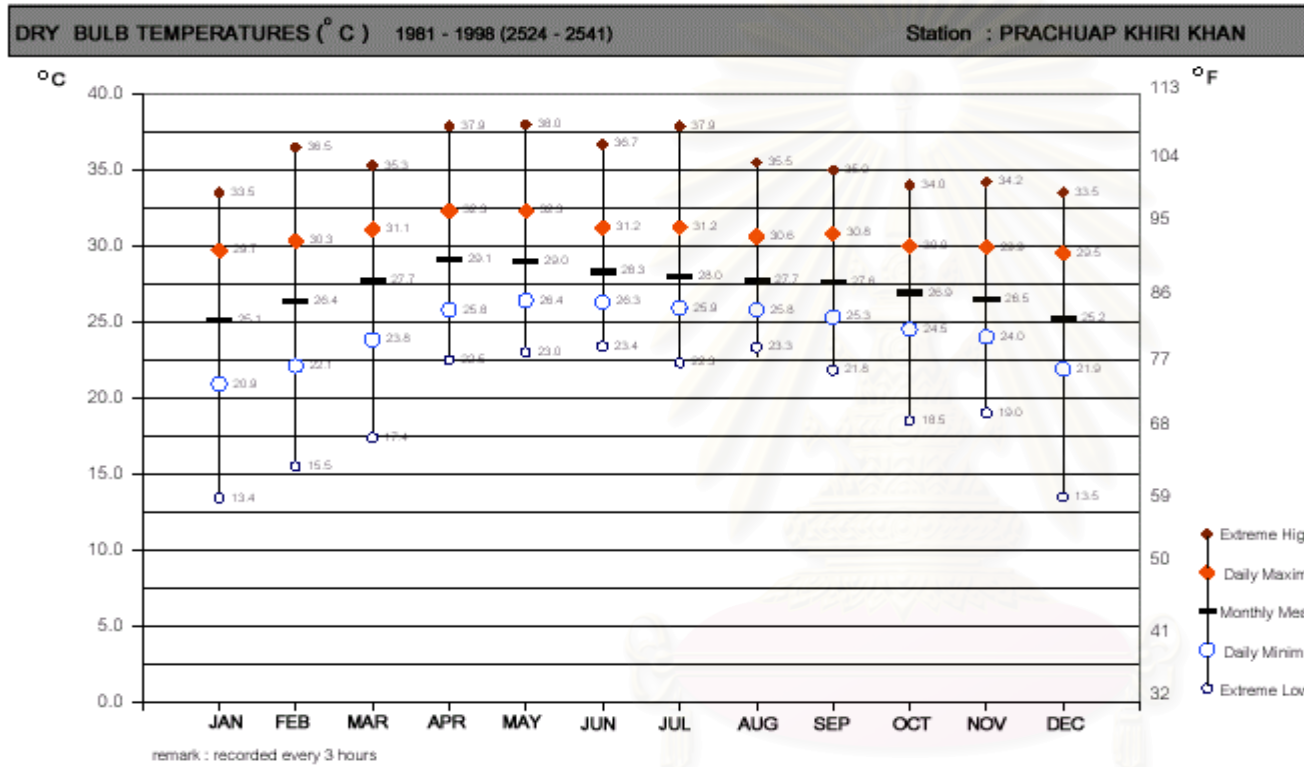
remark: 1 m/s = 3.597 km/h, = 2.237 mph, = 196.85 fpm, = 1.9455 knots

(\*) data base on 1997 - 1998 recorded period

1 W/m2 = 0.317 Btu/h.ft2

(-) missing value or no data report

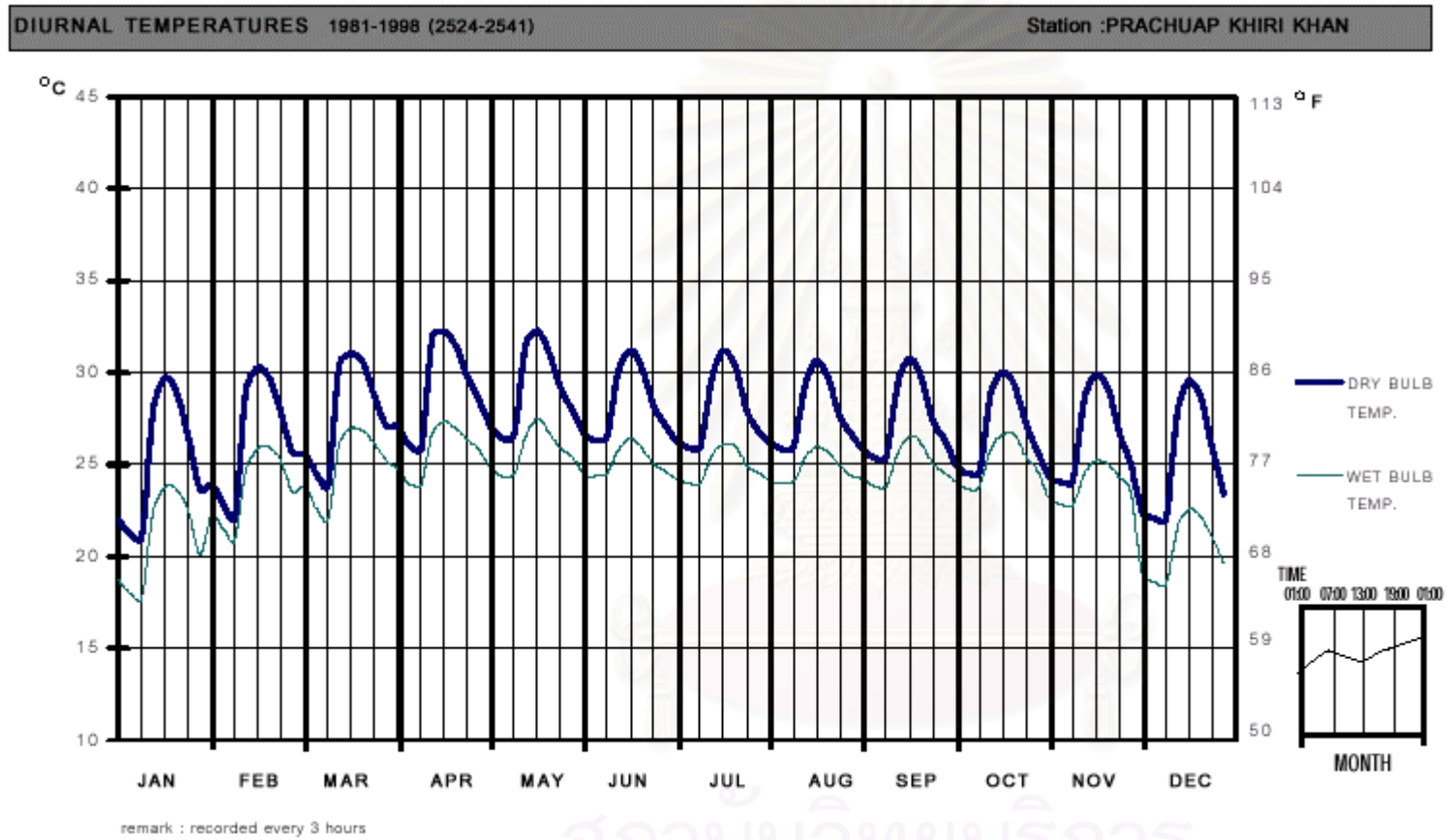
แผนภูมิอุณหภูมิกระเปาะแห้ง (dry bulb temperatures)



สถาบันวิทยบริการ  
จุฬาลงกรณ์มหาวิทยาลัย



แผนภูมิความแตกต่างระหว่างอุณหภูมิกระเปาะแห้งและอุณหภูมิกระเปาะเปียก (diurnal temperatures)



สถาบันวิทยบริการ  
จุฬาลงกรณ์มหาวิทยาลัย



ตารางแสดงผลข้อมูลปริมาณองศาวัน การทำความร้อนและการทำความร้อน (heating and cooling degree days)

HEATING & COOLING DEGREE DAYS BASE RANGE 35 - 100 °F (1.7 - 37.8 °C) 1981 - 1998 (2524 - 2541)														Station : PRACHUAP KHIRI KHAN													
MONTH		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
Degree		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating		Cooling Heating	
°F	°C																										
35	1.7	727.9	0.0	717.7	0.0	808.1	0.0	823.4	0.0	847.6	0.0	799.0	0.0	816.8	0.0	808.2	0.0	776.5	0.0	782.6	0.0	744.5	0.0	730.6	0.0	9,383.0	0.0
36	2.2	710.7	0.0	701.6	0.0	790.9	0.0	806.7	0.0	830.3	0.0	782.4	0.0	799.6	0.0	791.0	0.0	759.9	0.0	765.4	0.0	727.9	0.0	713.3	0.0	9,179.7	0.0
37	2.8	693.4	0.0	685.5	0.0	773.7	0.0	790.1	0.0	813.1	0.0	765.7	0.0	782.3	0.0	773.8	0.0	743.2	0.0	748.2	0.0	711.2	0.0	696.1	0.0	8,976.3	0.0
38	3.3	676.2	0.0	669.4	0.0	756.5	0.0	773.4	0.0	795.9	0.0	749.0	0.0	765.1	0.0	756.6	0.0	726.5	0.0	731.0	0.0	694.5	0.0	678.9	0.0	8,773.0	0.0
39	3.9	659.0	0.0	653.3	0.0	739.2	0.0	756.7	0.0	778.7	0.0	732.4	0.0	747.9	0.0	739.3	0.0	709.9	0.0	713.7	0.0	677.9	0.0	661.7	0.0	8,569.7	0.0
40	4.4	641.8	0.0	637.2	0.0	722.0	0.0	740.1	0.0	761.4	0.0	715.7	0.0	730.7	0.0	722.1	0.0	693.2	0.0	696.5	0.0	661.2	0.0	644.5	0.0	8,366.3	0.0
41	5.0	624.5	0.0	621.1	0.0	704.8	0.0	723.4	0.0	744.2	0.0	699.0	0.0	713.5	0.0	704.9	0.0	676.5	0.0	679.3	0.0	644.5	0.0	627.2	0.0	8,163.0	0.0
42	5.6	607.3	0.0	604.9	0.0	687.6	0.0	706.7	0.0	727.0	0.0	682.4	0.0	696.2	0.0	687.7	0.0	659.9	0.0	662.1	0.0	627.9	0.0	610.0	0.0	7,959.7	0.0
43	6.1	590.1	0.0	588.8	0.0	670.3	0.0	690.1	0.0	709.8	0.0	665.7	0.0	679.0	0.0	670.5	0.0	643.2	0.0	644.8	0.0	611.2	0.0	592.8	0.0	7,756.3	0.0
44	6.7	572.9	0.0	572.7	0.0	653.1	0.0	673.4	0.0	692.6	0.0	649.0	0.0	661.8	0.0	653.2	0.0	626.5	0.0	627.6	0.0	594.5	0.0	575.6	0.0	7,553.0	0.0
45	7.2	555.7	0.0	556.6	0.0	635.9	0.0	656.7	0.0	675.3	0.0	632.4	0.0	644.6	0.0	636.0	0.0	609.9	0.0	610.4	0.0	577.9	0.0	558.3	0.0	7,349.7	0.0
46	7.8	538.4	0.0	540.5	0.0	618.7	0.0	640.1	0.0	658.1	0.0	615.7	0.0	627.3	0.0	618.8	0.0	593.2	0.0	593.2	0.0	561.2	0.0	541.1	0.0	7,146.3	0.0
47	8.3	521.2	0.0	524.4	0.0	601.5	0.0	623.4	0.0	640.9	0.0	599.0	0.0	610.1	0.0	601.6	0.0	576.5	0.0	576.0	0.0	544.5	0.0	523.9	0.0	6,943.0	0.0
48	8.9	504.0	0.0	508.3	0.0	584.2	0.0	606.7	0.0	623.7	0.0	582.4	0.0	592.9	0.0	584.3	0.0	559.9	0.0	558.7	0.0	527.9	0.0	506.7	0.0	6,739.7	0.0
49	9.4	486.8	0.0	492.2	0.0	567.0	0.0	590.1	0.0	606.4	0.0	565.7	0.0	575.7	0.0	567.1	0.0	543.2	0.0	541.5	0.0	511.2	0.0	489.5	0.0	6,536.3	0.0
50	10.0	469.5	0.0	476.1	0.0	549.8	0.0	573.4	0.0	592.2	0.0	549.0	0.0	558.5	0.0	549.9	0.0	526.5	0.0	524.3	0.0	494.5	0.0	472.2	0.0	6,333.0	0.0
51	10.6	452.3	0.0	459.9	0.0	532.6	0.0	556.7	0.0	572.0	0.0	532.4	0.0	541.2	0.0	532.7	0.0	509.9	0.0	507.1	0.0	477.9	0.0	455.0	0.0	6,129.7	0.0
52	11.1	435.1	0.0	443.8	0.0	515.3	0.0	540.1	0.0	554.8	0.0	515.7	0.0	524.0	0.0	515.5	0.0	493.2	0.0	489.8	0.0	461.2	0.0	437.8	0.0	5,926.3	0.0
53	11.7	417.9	0.0	427.7	0.0	498.1	0.0	523.4	0.0	537.6	0.0	499.0	0.0	506.8	0.0	498.2	0.0	476.5	0.0	472.6	0.0	444.5	0.0	420.6	0.0	5,723.0	0.0
54	12.2	400.7	0.0	411.6	0.0	480.9	0.0	506.7	0.0	520.3	0.0	482.4	0.0	489.6	0.0	481.0	0.0	459.9	0.0	455.4	0.0	427.9	0.0	403.3	0.0	5,519.7	0.0
55	12.8	383.4	0.0	395.5	0.0	463.7	0.0	490.1	0.0	503.1	0.0	465.7	0.0	472.3	0.0	463.8	0.0	443.2	0.0	438.2	0.0	411.2	0.0	386.1	0.0	5,316.3	0.0
56	13.3	366.2	0.0	379.4	0.0	446.5	0.0	473.4	0.0	485.9	0.0	449.0	0.0	455.1	0.0	446.6	0.0	426.5	0.0	421.0	0.0	394.5	0.0	368.9	0.0	5,113.0	0.0
57	13.9	349.0	0.0	363.3	0.0	429.2	0.0	456.7	0.0	468.7	0.0	432.4	0.0	437.9	0.0	429.3	0.0	409.9	0.0	403.7	0.0	377.9	0.0	351.7	0.0	4,909.7	0.0
58	14.4	331.8	0.0	347.2	0.0	412.0	0.0	440.1	0.0	451.4	0.0	415.7	0.0	420.7	0.0	412.1	0.0	393.2	0.0	386.5	0.0	361.2	0.0	334.5	0.0	4,706.3	0.0
59	15.0	314.5	0.0	331.1	0.0	394.8	0.0	423.4	0.0	434.2	0.0	399.0	0.0	403.5	0.0	394.9	0.0	376.5	0.0	369.3	0.0	344.5	0.0	317.2	0.0	4,503.0	0.0
60	15.6	297.3	0.0	314.9	0.0	377.6	0.0	406.7	0.0	417.0	0.0	382.4	0.0	386.2	0.0	377.7	0.0	359.9	0.0	352.1	0.0	327.9	0.0	300.0	0.0	4,299.7	0.0
61	16.1	280.1	0.0	298.8	0.0	360.3	0.0	390.1	0.0	399.8	0.0	365.7	0.0	369.0	0.0	360.5	0.0	343.2	0.0	334.8	0.0	311.2	0.0	282.8	0.0	4,096.3	0.0
62	16.7	262.9	0.0	282.7	0.0	343.1	0.0	373.4	0.0	382.6	0.0	349.0	0.0	351.8	0.0	343.2	0.0	326.5	0.0	317.6	0.0	294.5	0.0	265.6	0.0	3,893.0	0.0
63	17.2	245.7	0.0	266.6	0.0	325.9	0.0	356.7	0.0	365.3	0.0	332.4	0.0	334.6	0.0	326.0	0.0	309.9	0.0	300.4	0.0	277.9	0.0	248.3	0.0	3,689.7	0.0
64	17.8	228.4	0.0	250.5	0.0	308.7	0.0	340.1	0.0	348.1	0.0	315.7	0.0	317.3	0.0	308.8	0.0	293.2	0.0	283.2	0.0	261.2	0.0	231.1	0.0	3,486.3	0.0
65	18.3	211.2	0.0	234.4	0.0	291.5	0.0	323.4	0.0	330.9	0.0	299.0	0.0	300.1	0.0	291.6	0.0	276.5	0.0	266.0	0.0	244.5	0.0	213.9	0.0	3,283.0	0.0
66	18.9	194.0	0.0	218.3	0.0	274.2	0.0	306.7	0.0	313.7	0.0	282.4	0.0	282.9	0.0	274.3	0.0	259.9	0.0	248.7	0.0	227.9	0.0	196.7	0.0	3,079.7	0.0
67	19.4	176.8	0.0	202.2	0.0	257.0	0.0	290.1	0.0	296.4	0.0	265.7	0.0	265.7	0.0	257.1	0.0	243.2	0.0	231.5	0.0	211.2	0.0	179.5	0.0	2,876.3	0.0
68	20.0	159.5	0.0	186.1	0.0	239.8	0.0	273.4	0.0	279.2	0.0	249.0	0.0	248.5	0.0	239.9	0.0	226.5	0.0	214.3	0.0	194.5	0.0	162.2	0.0	2,673.0	0.0

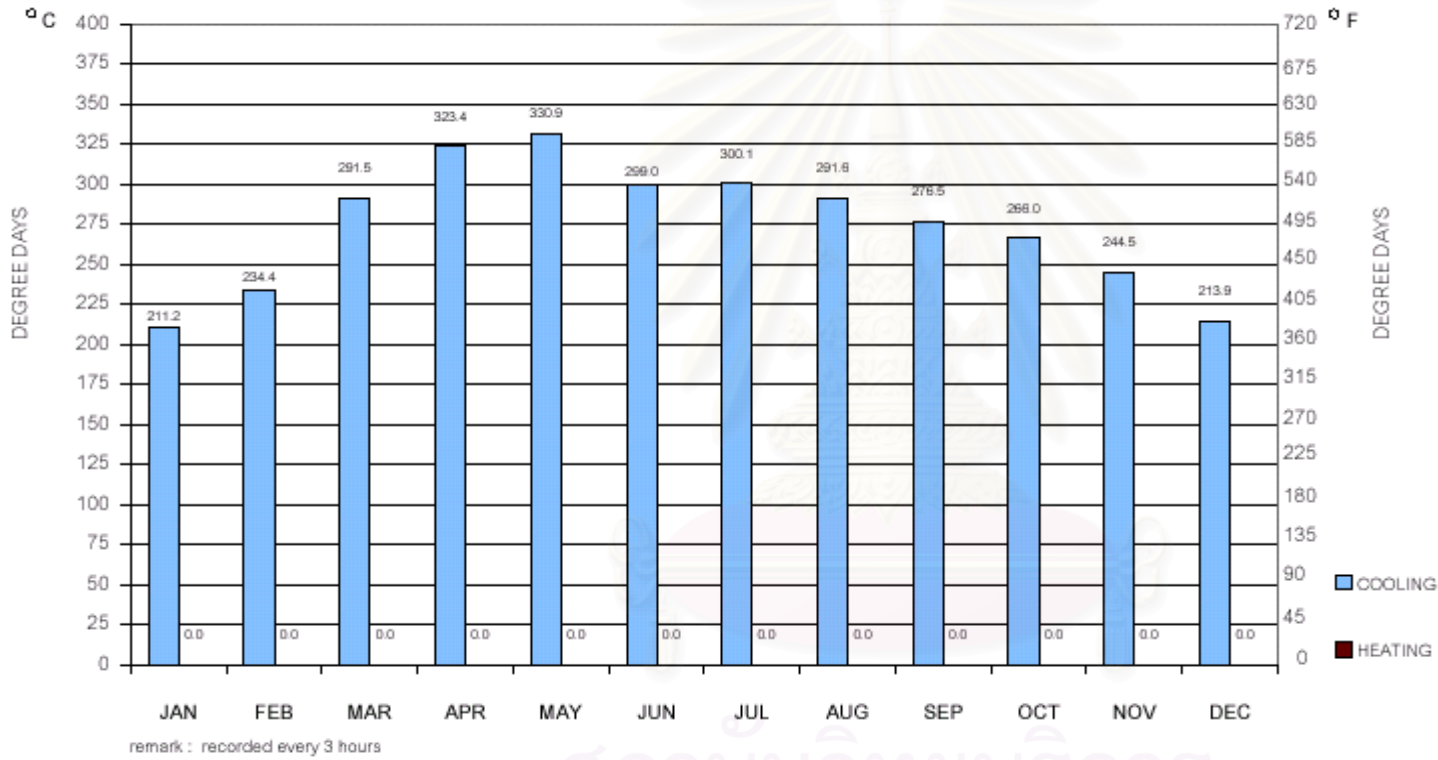
จุฬาลงกรณ์มหาวิทยาลัย



HEATING & COOLING DEGREE DAYS BASE RANGE 35 - 100 °F (1.7 - 37.8 °C) 1981 - 1998 (2524 - 2541)														Station : PRACHUAP KHIRI KHAN													
MONTH		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
Degree		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
°F	°C																										
69	20.6	142.3	0.0	169.9	0.0	222.6	0.0	256.7	0.0	262.0	0.0	232.4	0.0	231.2	0.0	222.7	0.0	209.9	0.0	197.1	0.0	177.9	0.0	145.0	0.0	2,469.7	0.0
70	21.1	125.1	0.0	153.8	0.0	205.3	0.0	240.1	0.0	244.8	0.0	215.7	0.0	214.0	0.0	205.5	0.0	193.2	0.0	179.8	0.0	161.2	0.0	127.8	0.0	2,266.3	0.0
71	21.7	107.9	0.0	137.7	0.0	188.1	0.0	223.4	0.0	227.6	0.0	199.0	0.0	196.8	0.0	188.2	0.0	176.5	0.0	162.6	0.0	144.5	0.0	110.6	0.0	2,063.0	0.0
72	22.2	90.7	0.0	121.6	0.0	170.9	0.0	206.7	0.0	210.3	0.0	182.4	0.0	179.6	0.0	171.0	0.0	159.9	0.0	145.4	0.0	127.9	0.0	93.3	0.0	1,859.7	0.0
73	22.8	73.4	0.0	105.5	0.0	153.7	0.0	190.1	0.0	193.1	0.0	165.7	0.0	162.3	0.0	153.8	0.0	143.2	0.0	128.2	0.0	111.2	0.0	76.1	0.0	1,656.3	0.0
74	23.3	56.2	0.0	89.4	0.0	136.5	0.0	173.4	0.0	175.9	0.0	149.0	0.0	145.1	0.0	136.6	0.0	126.5	0.0	111.0	0.0	94.5	0.0	58.9	0.0	1,453.0	0.0
75	23.9	39.0	0.0	73.3	0.0	119.2	0.0	156.7	0.0	158.7	0.0	132.4	0.0	127.9	0.0	119.3	0.0	109.9	0.0	93.7	0.0	77.9	0.0	41.7	0.0	1,249.7	0.0
76	24.4	21.8	0.0	57.2	0.0	102.0	0.0	140.1	0.0	141.4	0.0	115.7	0.0	110.7	0.0	102.1	0.0	93.2	0.0	76.5	0.0	61.2	0.0	24.7	-0.3	1,046.6	-0.3
77	25.0	5.5	-0.9	41.1	0.0	84.8	0.0	123.4	0.0	124.2	0.0	99.0	0.0	93.5	0.0	84.9	0.0	76.5	0.0	59.3	0.0	44.5	0.0	9.9	-2.6	846.6	-3.5
78	25.6	0.0	-12.7	25.2	-0.2	67.6	0.0	106.7	0.0	107.0	0.0	82.4	0.0	76.2	0.0	67.7	0.0	59.9	0.0	42.1	0.0	27.9	0.0	0.8	-10.8	663.4	-23.7
79	26.1	0.0	-29.9	11.5	-2.7	50.3	0.0	90.1	0.0	89.8	0.0	65.7	0.0	59.0	0.0	50.5	0.0	43.2	0.0	24.8	0.0	11.4	-0.2	0.0	-27.2	496.4	-60.0
80	26.7	0.0	-47.1	2.1	-9.4	33.1	0.0	73.4	0.0	72.6	0.0	49.0	0.0	41.8	0.0	33.2	0.0	26.5	0.0	8.6	-1.0	0.4	-5.9	0.0	-44.4	340.9	-107.9
81	27.2	0.0	-64.3	0.0	-23.4	18.2	-2.3	56.7	0.0	55.3	0.0	32.4	0.0	24.6	0.0	16.0	0.0	10.3	-0.4	0.7	-10.3	0.0	-22.1	0.0	-61.7	214.2	-184.5
82	27.8	0.0	-81.6	0.0	-39.5	7.0	-8.3	40.1	0.0	38.1	0.0	15.7	0.0	7.8	-0.5	1.8	-3.0	0.6	-7.4	0.0	-26.8	0.0	-38.8	0.0	-78.9	111.1	-284.7
83	28.3	0.0	-98.8	0.0	-55.6	0.7	-19.3	23.4	0.0	20.9	0.0	3.4	-4.3	0.5	-10.4	0.0	-18.4	0.0	-23.5	0.0	-44.0	0.0	-55.5	0.0	-96.1	48.9	-425.9
84	28.9	0.0	-116.0	0.0	-71.7	0.0	-35.8	7.4	-0.7	6.0	-2.4	0.0	-17.6	0.0	-27.1	0.0	-35.7	0.0	-40.1	0.0	-61.3	0.0	-72.1	0.0	-113.3	13.5	-593.8
85	29.4	0.0	-133.2	0.0	-87.8	0.0	-53.0	0.1	-10.1	1.1	-14.6	0.0	-34.3	0.0	-44.3	0.0	-52.9	0.0	-56.8	0.0	-78.5	0.0	-88.8	0.0	-130.5	1.2	-784.9
86	30.0	0.0	-150.5	0.0	-104.0	0.0	-70.2	0.0	-26.6	0.0	-30.8	0.0	-51.0	0.0	-61.5	0.0	-70.1	0.0	-73.5	0.0	-95.7	0.0	-105.5	0.0	-147.8	0.0	-987.0
87	30.6	0.0	-167.7	0.0	-120.1	0.0	-87.4	0.0	-43.3	0.0	-48.0	0.0	-67.6	0.0	-78.8	0.0	-87.3	0.0	-90.1	0.0	-112.9	0.0	-122.1	0.0	-165.0	0.0	-1,190.3
88	31.1	0.0	-184.9	0.0	-136.2	0.0	-104.7	0.0	-59.9	0.0	-65.2	0.0	-84.3	0.0	-96.0	0.0	-104.5	0.0	-106.8	0.0	-130.2	0.0	-138.8	0.0	-182.2	0.0	-1,393.7
89	31.7	0.0	-202.1	0.0	-152.3	0.0	-121.9	0.0	-76.6	0.0	-82.4	0.0	-101.0	0.0	-113.2	0.0	-121.8	0.0	-123.5	0.0	-147.4	0.0	-155.5	0.0	-199.4	0.0	-1,597.0
90	32.2	0.0	-219.3	0.0	-168.4	0.0	-139.1	0.0	-93.3	0.0	-99.7	0.0	-117.6	0.0	-130.4	0.0	-139.0	0.0	-140.1	0.0	-164.6	0.0	-172.1	0.0	-216.7	0.0	-1,800.3
91	32.8	0.0	-236.6	0.0	-184.5	0.0	-156.3	0.0	-109.9	0.0	-116.9	0.0	-134.3	0.0	-147.7	0.0	-156.2	0.0	-156.8	0.0	-181.8	0.0	-188.8	0.0	-233.9	0.0	-2,003.7
92	33.3	0.0	-253.8	0.0	-200.6	0.0	-173.5	0.0	-126.6	0.0	-134.1	0.0	-151.0	0.0	-164.9	0.0	-173.4	0.0	-173.5	0.0	-199.0	0.0	-205.5	0.0	-251.1	0.0	-2,207.0
93	33.9	0.0	-271.0	0.0	-216.7	0.0	-190.8	0.0	-143.3	0.0	-151.3	0.0	-167.6	0.0	-182.1	0.0	-190.7	0.0	-190.1	0.0	-216.3	0.0	-222.1	0.0	-268.3	0.0	-2,410.3
94	34.4	0.0	-288.2	0.0	-232.8	0.0	-208.0	0.0	-159.9	0.0	-168.6	0.0	-184.3	0.0	-199.3	0.0	-207.9	0.0	-206.8	0.0	-233.5	0.0	-238.8	0.0	-285.5	0.0	-2,613.7
95	35.0	0.0	-305.5	0.0	-249.0	0.0	-225.2	0.0	-176.6	0.0	-185.8	0.0	-201.0	0.0	-216.5	0.0	-225.1	0.0	-223.5	0.0	-250.7	0.0	-255.5	0.0	-302.8	0.0	-2,817.0
96	35.6	0.0	-322.7	0.0	-265.1	0.0	-242.4	0.0	-193.3	0.0	-203.0	0.0	-217.6	0.0	-233.8	0.0	-242.3	0.0	-240.1	0.0	-267.9	0.0	-272.1	0.0	-320.0	0.0	-3,020.3
97	36.1	0.0	-339.9	0.0	-281.2	0.0	-259.7	0.0	-209.9	0.0	-220.2	0.0	-234.3	0.0	-251.0	0.0	-259.5	0.0	-256.8	0.0	-285.2	0.0	-288.8	0.0	-337.2	0.0	-3,223.7
98	36.7	0.0	-357.1	0.0	-297.3	0.0	-276.9	0.0	-226.6	0.0	-237.4	0.0	-251.0	0.0	-268.2	0.0	-276.8	0.0	-273.5	0.0	-302.4	0.0	-305.5	0.0	-354.4	0.0	-3,427.0
99	37.2	0.0	-374.3	0.0	-313.4	0.0	-294.1	0.0	-243.3	0.0	-254.7	0.0	-267.6	0.0	-285.4	0.0	-294.0	0.0	-290.1	0.0	-319.6	0.0	-322.1	0.0	-371.7	0.0	-3,630.3
100	37.8	0.0	-391.6	0.0	-329.5	0.0	-311.3	0.0	-259.9	0.0	-271.9	0.0	-284.3	0.0	-302.7	0.0	-311.2	0.0	-306.8	0.0	-336.8	0.0	-338.8	0.0	-388.9	0.0	-3,833.7

แผนภูมิปริมาณองศาวัน การทำความร้อนและการทำความเย็น (heating and cooling degree days)

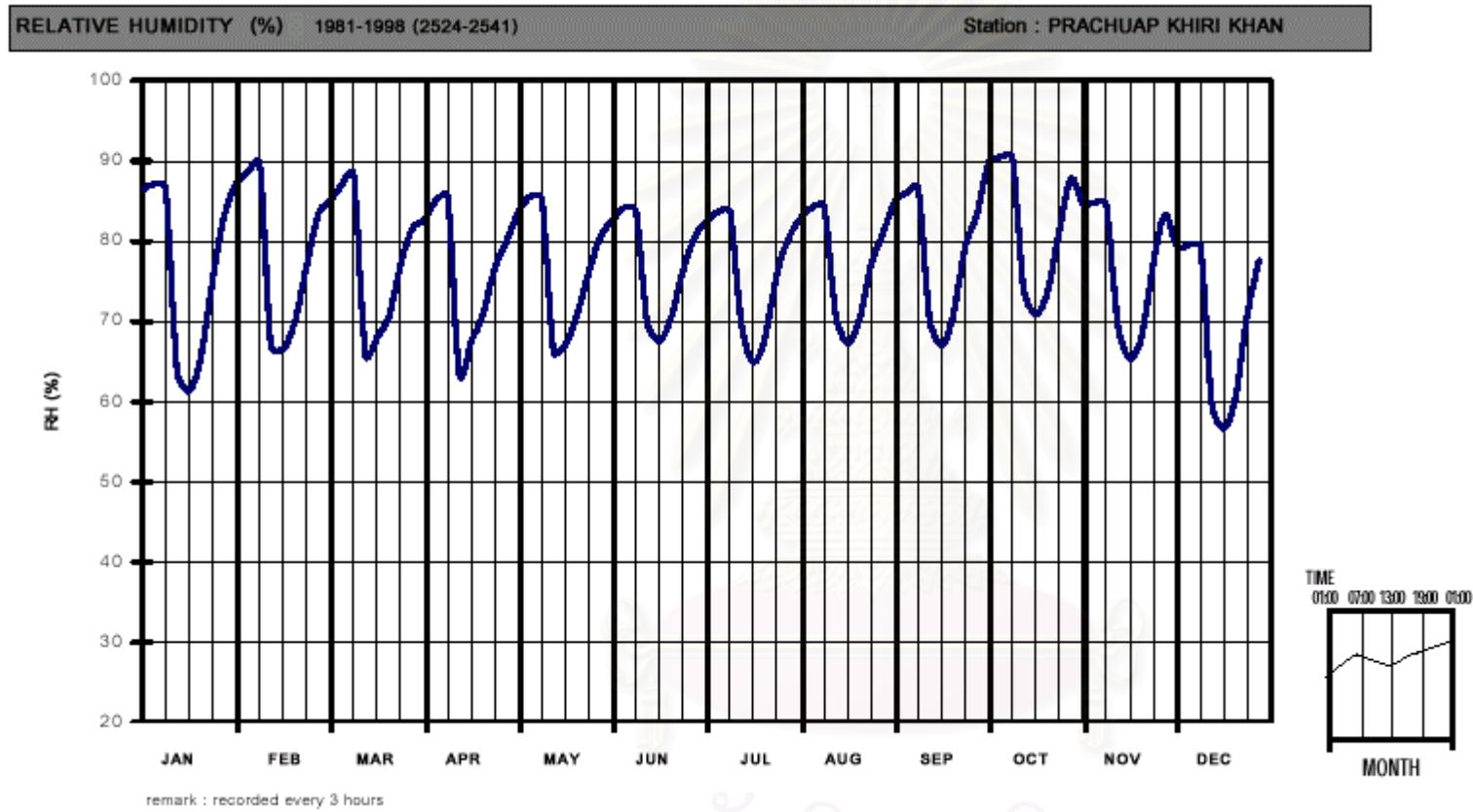
HEATING & COOLING DEGREE DAYS (BASE 65°F/18.3°C) 1981 - 1998 (2524 - 2541) Station : PRACHUAP KHIRI KHAN



สถาบันวิทยบริการ  
จุฬาลงกรณ์มหาวิทยาลัย



แผนภูมิความชื้นสัมพัทธ์ (relative humidity)



สถาบันวิทยบริการ  
จุฬาลงกรณ์มหาวิทยาลัย

ตารางแสดงผลข้อมูลจำแนกความถี่ของลม ในแต่ละความเร็วและทิศทาง ที่เกิดลมรายเดือน  
(monthly frequency distribution of wind in each speed and direction)

MONTHLY FREQUENCY DISTRIBUTION OF WIND IN EACH SPEED AND DIRECTION 1981 - 1998 (2524 - 2541) Station : PRACHUAP KHIRI KHAN

January											February											March																						
1-3	4-16	17-27	>27	Total	N	NE	E	SE	S	SW	W	NW	Calm	Total	1-3	4-16	17-27	>27	Total	N	NE	E	SE	S	SW	W	NW	Calm	Total	1-3	4-16	17-27	>27	Total	N	NE	E	SE	S	SW	W	NW	Calm	Total
1-3	2-6	0.6-1.5		47.9	1.9	1.7	1.8	2.1	1.5	0.3	0.5	3.2	13	47.9	1-3	2-6	0.6-1.5		47.3	0.7	0.4	0.6	2	3.5	1.8	1.8	1.1	11.9	47.3	1-3	2-6	0.6-1.5		42	0.5	0.2	0.3	1.7	3.6	2.9	2.2	1	12.4	42
4-16	7-30	1.6-8.5		38.8	6.5	11.9	4.8	7.5	6.8	0.2	0.2	0.9	38.8	4-16	7-30	1.6-8.5		40.6	2	3.3	1.8	9.9	21.1	1.2	0.9	0.4	40.6	4-16	7-30	1.6-8.5		45.1	1.1	1.3	1	9.7	27	1.8	2	1.2	45.1			
17-27	31-50	8.6-14		0.1	0	0.1	0	0	0	0	0	0	0.1	17-27	31-50	8.6-14		0	0	0	0	0	0	0	0	0	0	17-27	31-50	8.6-14		0.2	0	0	0	0	0.2	0	0	0	0.2			
>27	>50	>14		0	0	0	0	0	0	0	0	0	0	>27	>50	>14		0	0	0	0	0	0	0	0	0	0	>27	>50	>14		0	0	0	0	0	0	0	0	0	0			
Total				8.4	13.7	6.6	9.6	8.3	0.5	0.7	4.1	47.9	100	Total				2.7	3.7	2.4	11.9	24.6	3	2.7	1.5	47.3	100	Total				1.6	1.5	1.3	11.4	30.8	4.7	4.2	2.2	42	100			

April											May											June																						
1-3	4-16	17-27	>27	Total	N	NE	E	SE	S	SW	W	NW	Calm	Total	1-3	4-16	17-27	>27	Total	N	NE	E	SE	S	SW	W	NW	Calm	Total	1-3	4-16	17-27	>27	Total	N	NE	E	SE	S	SW	W	NW	Calm	Total
1-3	2-6	0.6-1.5		39.9	0.4	0.2	0.5	1.4	2.9	3	2.5	1.3	12.2	39.9	1-3	2-6	0.6-1.5		41.6	0.3	0.1	0.4	1.3	2.3	3.5	4	1.5	13.4	41.6	1-3	2-6	0.6-1.5		31.8	0.1	0	0.1	0.3	1.3	5.4	6.4	0.9	14.5	31.8
4-16	7-30	1.6-8.5		47.1	0.4	1.2	1.6	12.8	21.2	2.7	5.3	1.9	47.1	4-16	7-30	1.6-8.5		44.6	0.4	0.4	1	8.2	13.6	4.8	13.5	2.7	44.6	4-16	7-30	1.6-8.5		53.3	0.1	0	0.3	3.1	6.8	10.6	28.9	3.5	53.3			
17-27	31-50	8.6-14		0.3	0	0	0	0.2	0.1	0	0	0	0.3	17-27	31-50	8.6-14		0.2	0	0	0	0.1	0	0	0.1	0	0.2	17-27	31-50	8.6-14		0.3	0	0	0	0	0	0	0.2	0.1	0.3			
>27	>50	>14		0	0	0	0	0	0	0	0	0	0	>27	>50	>14		0	0	0	0	0	0	0	0	0	0	>27	>50	>14		0	0	0	0	0	0	0	0	0	0			
Total				0.8	1.4	2.1	14.4	24.2	5.7	7.8	3.2	39.9	100	Total				0.7	0.5	1.4	9.6	15.9	8.3	17.6	4.2	41.6	100	Total				0.2	0	0.4	3.4	8.1	16	35.5	4.5	31.8	100			

July											August											September																						
1-3	4-16	17-27	>27	Total	N	NE	E	SE	S	SW	W	NW	Calm	Total	1-3	4-16	17-27	>27	Total	N	NE	E	SE	S	SW	W	NW	Calm	Total	1-3	4-16	17-27	>27	Total	N	NE	E	SE	S	SW	W	NW	Calm	Total
1-3	2-6	0.6-1.5		30.6	0.2	0.1	0.1	0.7	1.3	5	6.5	1.1	15	30.6	1-3	2-6	0.6-1.5		27.2	0.2	0.1	0.2	0.7	0.9	5.2	7.1	1.1	15.5	27.2	1-3	2-6	0.6-1.5		38.8	0.8	0.4	0.4	1.6	1	3.7	6.6	1.4	15.9	38.8
4-16	7-30	1.6-8.5		54.2	0.1	0.2	0.2	2.2	5.7	9.3	32.3	4.2	54.2	4-16	7-30	1.6-8.5		56.9	0.1	0	0.2	2.2	4.3	10.7	34.9	4.5	56.9	4-16	7-30	1.6-8.5		45.1	0.3	1.1	1.2	5.3	3.6	5.6	23.4	4.6	45.1			
17-27	31-50	8.6-14		0.2	0	0	0	0	0	0	0.2	0	0.2	17-27	31-50	8.6-14		0.3	0	0	0	0	0	0	0.3	0	0.3	17-27	31-50	8.6-14		0	0	0	0	0	0	0	0	0	0			
>27	>50	>14		0	0	0	0	0	0	0	0	0	0	>27	>50	>14		0	0	0	0	0	0	0	0	0	0	>27	>50	>14		0	0	0	0	0	0	0	0	0	0			
Total				0.3	0.3	0.3	2.9	7	14.3	39	5.3	30.6	100	Total				0.3	0.1	0.4	2.9	5.2	15.9	42.3	5.6	27.2	100	Total				1.1	1.5	1.6	6.9	4.6	9.3	30	6	38.8	100			

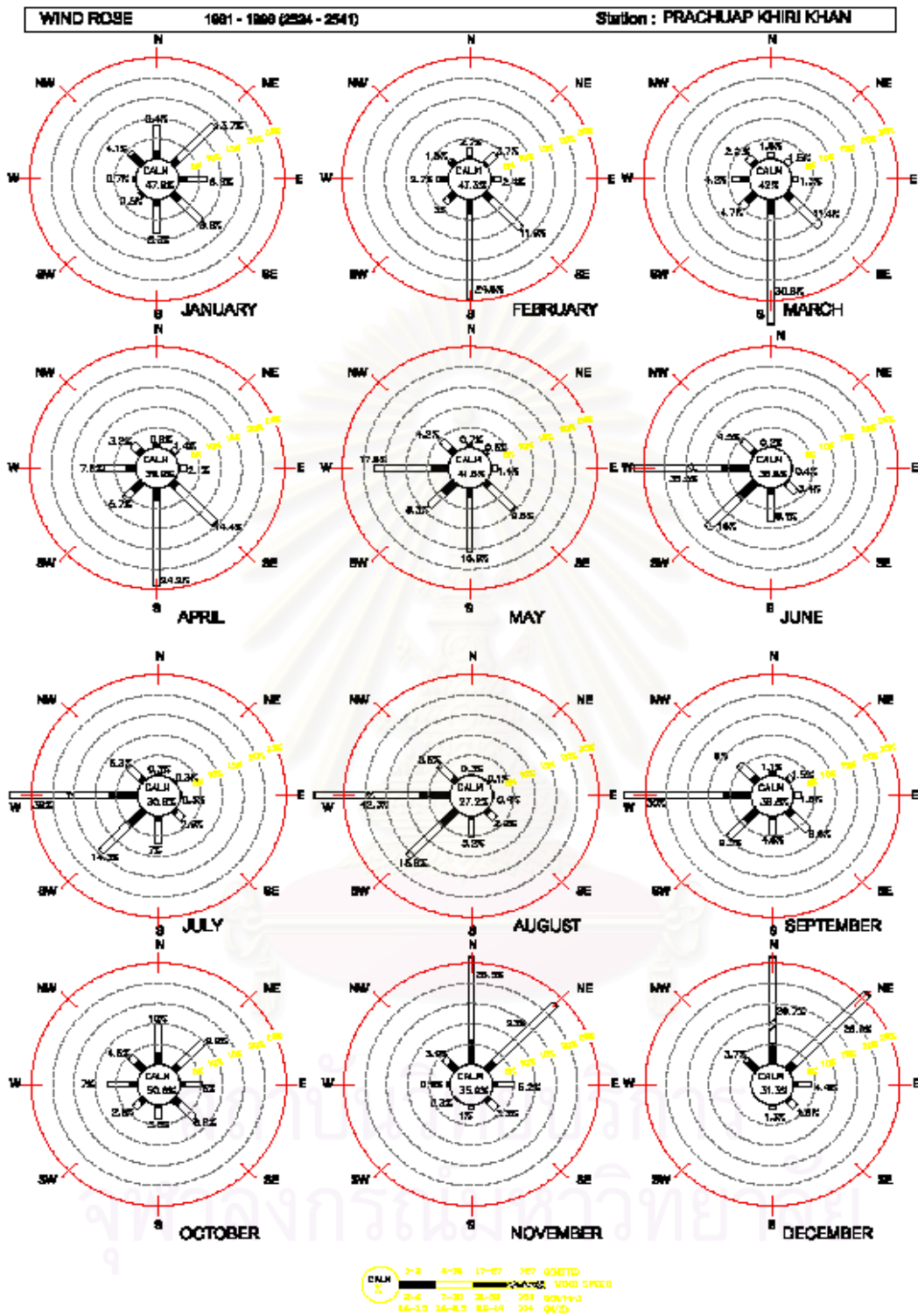
October											November											December																						
1-3	4-16	17-27	>27	Total	N	NE	E	SE	S	SW	W	NW	Calm	Total	1-3	4-16	17-27	>27	Total	N	NE	E	SE	S	SW	W	NW	Calm	Total	1-3	4-16	17-27	>27	Total	N	NE	E	SE	S	SW	W	NW	Calm	Total
1-3	2-6	0.6-1.5		50.8	2.7	1.4	1.1	1.7	0.8	1	1.9	2.5	13.1	50.8	1-3	2-6	0.6-1.5		35.9	5.8	2.5	1.3	0.8	0.4	0.2	0.5	2.3	13.8	35.9	1-3	2-6	0.6-1.5		31.3	5.4	2.2	1.1	0.6	0.3	0	0	2.8	12.4	31.3
4-16	7-30	1.6-8.5		36.3	7.3	8.5	3.9	4.9	2.8	1.8	5.1	2	36.3	4-16	7-30	1.6-8.5		50.1	20.6	20.4	3.9	2.5	0.6	0.1	0.4	1.6	50.1	4-16	7-30	1.6-8.5		55.3	23.8	24.3	3.3	2	1	0	0	0.9	55.3			
17-27	31-50	8.6-14		0	0	0	0	0	0	0	0	0	0	17-27	31-50	8.6-14		0.2	0.1	0.1	0	0	0	0	0	0	0.2	17-27	31-50	8.6-14		0.8	0.5	0.3	0	0	0	0	0	0	0.8			
>27	>50	>14		0	0	0	0	0	0	0	0	0	0	>27	>50	>14		0	0	0	0	0	0	0	0	0	0	>27	>50	>14		0	0	0	0	0	0	0	0	0	0			
Total				10	9.9	5	6.6	3.6	2.8	7	4.5	50.8	100	Total				26.5	23	5.2	3.3	1	0.3	0.9	3.9	35.9	100	Total				29.7	26.8	4.4	2.6	1.3	0	0	3.7	31.3	100			

remark : kts = KNOTS  
1 kts = 1.853 km/h = 0.514 m/s

\* this tabel shows the frequency of wind speed & direction in percent



แผนภูมิจำแนกความถี่ของลม ในแต่ละความเร็วและทิศทาง ที่เกิดลมรายเดือน (wind rose)



ตารางแสดงผลข้อมูลสภาพท้องฟ้าและสัดส่วนเปอร์เซ็นต์สภาพท้องฟ้า (sky cover and percentage of sky condition)

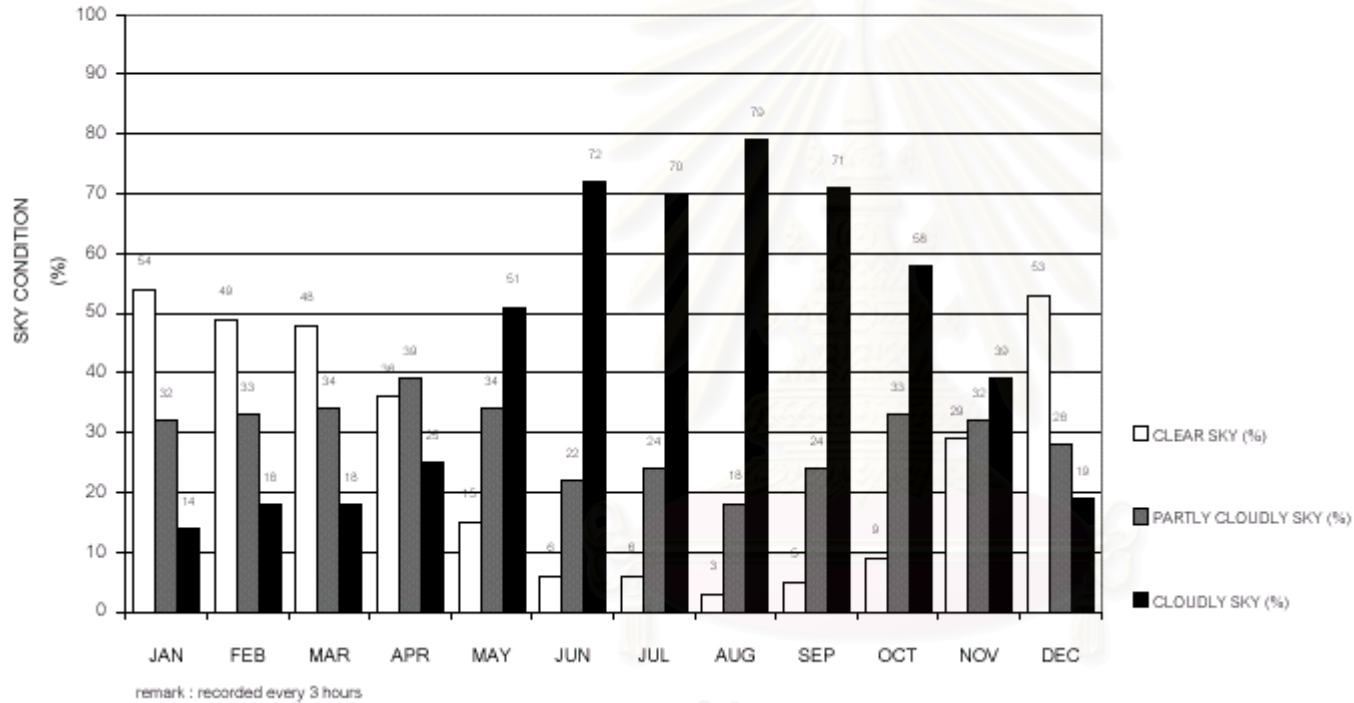
SKY COVER (%) & SKY CONDITION 1981 - 1998 (2524 - 2541)													Station : PRACHUAP KHIRI KHAN																										
MONTH	JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			ANNUAL		
DAY	Sky Condition			Sky Condition			Sky Condition			Sky Condition			Sky Condition			Sky Condition			Sky Condition			Sky Condition			Sky Condition			Sky Condition			Sky Condition			Sky Condition					
	Cir	Part	Cld	Cir	Part	Cld	Cir	Part	Cld	Cir	Part	Cld	Cir	Part	Cld	Cir	Part	Cld	Cir	Part	Cld	Cir	Part	Cld	Cir	Part	Cld	Cir	Part	Cld	Cir	Part	Cld	Cir	Part	Cld	Cir	Part	Cld
1	69%	17%	14%	54%	24%	22%	38%	40%	22%	37%	44%	19%	32%	44%	24%	9%	32%	59%	9%	21%	70%	4%	24%	71%	3%	29%	68%	1%	35%	64%	22%	28%	50%	35%	28%	37%	26%	31%	43%
2	60%	29%	11%	41%	43%	15%	37%	31%	32%	49%	35%	15%	24%	46%	29%	9%	33%	58%	8%	40%	52%	4%	20%	76%	12%	21%	68%	5%	31%	64%	21%	32%	48%	46%	31%	23%	26%	33%	41%
3	59%	27%	14%	38%	48%	15%	40%	42%	18%	49%	40%	11%	29%	44%	26%	6%	37%	57%	6%	24%	71%	6%	24%	70%	4%	18%	78%	2%	26%	71%	26%	30%	44%	48%	31%	21%	26%	33%	41%
4	63%	32%	4%	64%	27%	9%	50%	31%	19%	53%	27%	20%	29%	32%	38%	4%	41%	55%	3%	29%	68%	4%	18%	77%	5%	14%	81%	2%	24%	74%	22%	28%	50%	42%	35%	24%	28%	28%	43%
5	56%	33%	11%	60%	28%	12%	57%	29%	15%	50%	35%	15%	26%	43%	32%	3%	34%	63%	5%	23%	72%	3%	13%	84%	4%	16%	80%	2%	21%	76%	12%	30%	58%	46%	28%	26%	27%	28%	45%
6	54%	30%	15%	50%	35%	15%	43%	37%	20%	46%	40%	15%	18%	48%	35%	2%	26%	71%	6%	38%	56%	2%	10%	88%	2%	15%	82%	2%	26%	72%	25%	40%	35%	43%	29%	28%	24%	31%	44%
7	64%	29%	7%	62%	24%	14%	47%	35%	18%	50%	35%	15%	18%	52%	30%	2%	24%	74%	9%	35%	57%	4%	18%	77%	1%	24%	76%	6%	35%	60%	20%	40%	40%	40%	35%	25%	27%	32%	41%
8	64%	21%	15%	63%	22%	15%	50%	34%	16%	46%	38%	15%	21%	38%	42%	1%	21%	78%	8%	29%	63%	4%	12%	84%	2%	22%	76%	5%	31%	64%	22%	29%	49%	54%	29%	17%	28%	27%	44%
9	67%	21%	13%	46%	40%	13%	55%	36%	9%	38%	39%	23%	12%	43%	46%	1%	15%	84%	7%	26%	66%	8%	17%	75%	4%	18%	78%	8%	25%	67%	19%	22%	59%	49%	26%	25%	26%	27%	46%
10	52%	40%	8%	42%	40%	18%	51%	35%	14%	43%	37%	21%	9%	40%	51%	4%	25%	71%	7%	27%	66%	2%	23%	75%	1%	15%	85%	11%	32%	57%	18%	22%	60%	51%	28%	21%	24%	30%	46%
11	57%	33%	10%	40%	45%	15%	60%	31%	9%	35%	43%	22%	12%	39%	49%	5%	18%	77%	4%	23%	74%	1%	22%	76%	2%	29%	69%	4%	19%	76%	20%	29%	51%	50%	26%	24%	24%	30%	46%
12	61%	25%	14%	45%	27%	26%	66%	25%	9%	33%	43%	24%	21%	39%	40%	9%	18%	74%	5%	23%	72%	4%	10%	85%	8%	30%	62%	1%	21%	78%	21%	43%	36%	36%	33%	31%	26%	28%	46%
13	51%	39%	10%	41%	44%	15%	62%	24%	15%	30%	42%	28%	15%	34%	51%	5%	20%	75%	2%	18%	80%	7%	14%	79%	7%	29%	64%	6%	36%	58%	13%	39%	48%	45%	29%	26%	24%	31%	46%
14	54%	34%	12%	50%	38%	12%	56%	32%	12%	29%	40%	30%	10%	35%	55%	9%	21%	70%	5%	15%	79%	1%	13%	86%	7%	26%	66%	13%	40%	47%	12%	43%	45%	45%	33%	22%	24%	31%	45%
15	64%	26%	10%	46%	41%	13%	45%	38%	17%	29%	40%	32%	15%	32%	54%	14%	26%	60%	8%	15%	77%	1%	21%	78%	6%	33%	61%	14%	41%	45%	24%	40%	36%	46%	37%	18%	26%	32%	42%
16	64%	30%	6%	46%	38%	16%	51%	30%	18%	26%	44%	30%	13%	36%	51%	9%	25%	66%	4%	26%	70%	4%	18%	78%	7%	28%	65%	15%	38%	46%	40%	24%	36%	45%	38%	18%	27%	31%	42%
17	59%	33%	8%	48%	37%	15%	53%	32%	15%	29%	45%	26%	19%	32%	49%	8%	18%	74%	7%	26%	67%	6%	14%	80%	5%	30%	65%	13%	39%	48%	38%	32%	29%	49%	40%	11%	28%	31%	41%
18	51%	38%	11%	50%	33%	17%	49%	35%	15%	35%	43%	22%	13%	33%	54%	5%	24%	71%	6%	26%	68%	2%	13%	85%	2%	21%	76%	10%	34%	57%	39%	38%	23%	63%	26%	10%	27%	30%	43%
19	65%	24%	12%	46%	34%	21%	51%	32%	17%	41%	33%	26%	9%	23%	68%	5%	16%	79%	6%	25%	69%	0%	23%	77%	3%	26%	71%	8%	38%	54%	37%	35%	28%	49%	31%	21%	27%	28%	45%
20	49%	44%	7%	49%	26%	26%	56%	32%	13%	26%	46%	29%	15%	25%	60%	7%	18%	75%	8%	30%	62%	1%	15%	85%	1%	22%	76%	7%	33%	60%	29%	40%	32%	58%	25%	17%	25%	30%	45%
21	33%	39%	28%	63%	23%	14%	49%	32%	19%	27%	40%	33%	9%	24%	67%	4%	19%	77%	7%	26%	66%	2%	18%	79%	7%	26%	67%	10%	43%	47%	32%	32%	36%	68%	21%	10%	26%	29%	45%
22	33%	51%	15%	50%	34%	16%	46%	40%	14%	29%	41%	30%	18%	37%	45%	7%	21%	73%	8%	23%	69%	1%	26%	72%	6%	38%	57%	12%	40%	48%	35%	34%	31%	61%	22%	17%	26%	34%	41%
23	43%	34%	24%	43%	40%	17%	42%	40%	18%	40%	40%	19%	13%	40%	47%	7%	25%	68%	4%	24%	71%	1%	20%	79%	5%	30%	65%	14%	44%	42%	38%	30%	32%	65%	23%	13%	26%	33%	41%
24	38%	38%	25%	51%	24%	24%	46%	35%	19%	27%	51%	22%	8%	35%	57%	5%	22%	73%	3%	19%	78%	4%	17%	79%	2%	23%	75%	15%	40%	46%	48%	26%	26%	69%	20%	11%	26%	29%	44%
25	32%	44%	24%	49%	26%	25%	46%	36%	18%	28%	43%	29%	8%	21%	71%	5%	9%	86%	4%	29%	68%	1%	19%	80%	7%	21%	71%	12%	29%	59%	32%	33%	35%	68%	21%	10%	24%	28%	48%
26	36%	40%	24%	54%	20%	26%	38%	37%	25%	42%	37%	21%	4%	22%	74%	2%	13%	85%	6%	18%	76%	4%	15%	80%	4%	26%	70%	15%	29%	55%	38%	34%	29%	60%	26%	14%	25%	26%	48%
27	45%	34%	21%	46%	40%	15%	46%	30%	24%	27%	53%	20%	14%	20%	66%	2%	20%	78%	6%	28%	66%	4%	21%	75%	10%	27%	63%	13%	38%	49%	38%	33%	29%	54%	32%	14%	25%	31%	43%
28	48%	28%	24%	53%	32%	15%	38%	49%	14%	28%	35%	37%	4%	24%	72%	2%	19%	79%	7%	20%	73%	4%	29%	67%	9%	24%	67%	13%	29%	58%	49%	26%	24%	61%	29%	10%	26%	29%	45%
29	51%	25%	24%	44%	34%	22%	43%	38%	19%	36%	27%	37%	4%	20%	76%	7%	16%	77%	8%	13%	79%	1%	17%	82%	7%	10%	83%	8%	33%	59%	36%	32%	32%	65%	26%	9%	26%	24%	50%
30	56%	32%	13%	43%	31%	26%	32%	28%	40%	4%	24%	72%	11%	15%	74%	5%	21%	74%	1%	18%	81%	2%	24%	74%	18%	33%	49%	35%	32%	34%	64%	24%	13%	25%	25%	50%			
31	63%	25%	12%				36%	41%	23%				9%	39%	52%				2%	11%	87%	1%	12%	88%				22%	31%	47%				56%	29%	15%	27%	27%	46%
AVG %	54%	32%	14%	49%	33%	17%	48%	34%	18%	36%	39%	24%	15%	34%	51%	6%	22%	72%	6%	24%	70%	3%	18%	79%	5%	24%	71%	9%	33%	58%	29%	33%	39%	53%	29%	19%	26%	30%	44%
condition	3.9			4.2			4.3			5.0			6.9			8.2			8.1			8.6			8.2			7.4			5.9			4.1			6.2		

remark : condition (SKY CONDITION) 0-3 = Clear Sky, 4-7 = Partly Cloudy Sky, 8-10 = Cloudy Sky, AVG % = AVERAGE PERCENTAGE OF SKY CONDITION



แผนภูมิสภาพท้องฟ้าและสัดส่วนเปอร์เซ็นต์สภาพท้องฟ้า (sky cover and percentage of sky condition)

SKY CONDITION (%) 1981 - 1998 (2524-2541) Station : PRACHUAP KHIRI KHAN



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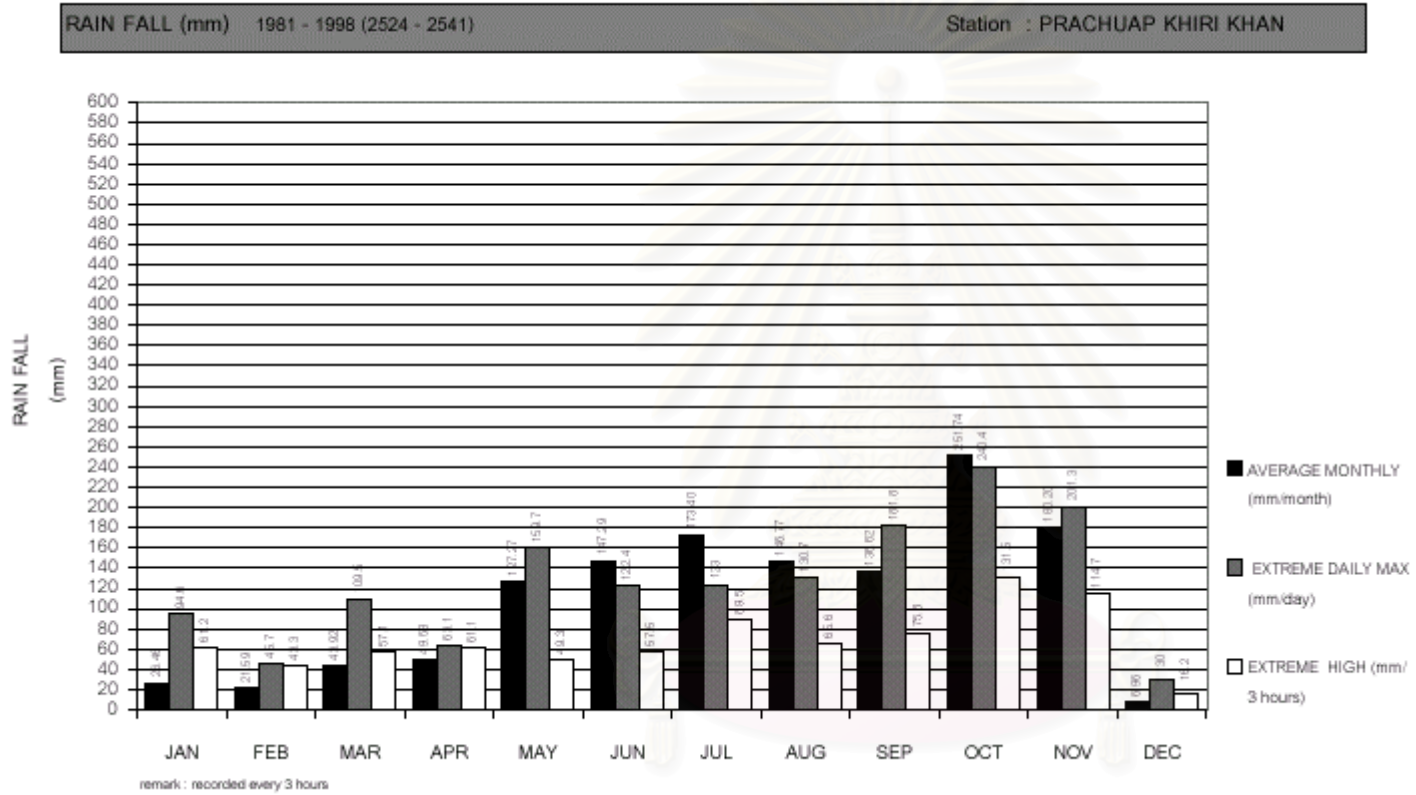


ตารางแสดงผลข้อมูลปริมาณน้ำฝน (rain fall)

RAIN FALL (mm) 1981 - 1998 (2524 - 2541)													Station : PRACHUAP KHIRI KHAN	
MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL	
DAY	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
1	0.8	2.5	2.5	0.2	0.0	4.6	3.0	3.8	2.2	6.6	6.7	0.1	33.0	
2	0.0	0.2	6.7	5.4	0.8	3.2	3.1	5.1	5.2	2.8	8.7	1.7	42.9	
3	2.0	0.2	1.2	0.1	1.7	2.1	2.5	5.2	2.3	6.2	2.4	0.6	26.6	
4	0.6	0.0	0.4	0.0	2.0	5.6	0.8	8.3	0.3	5.8	35.6	0.2	59.5	
5	0.1	0.0	0.1	1.9	3.0	4.4	2.8	11.0	1.7	14.2	14.4	0.1	53.7	
6	0.0	0.3	2.2	0.2	4.8	4.8	5.6	8.3	1.5	13.3	2.6	1.0	44.7	
7	0.0	0.8	3.3	0.3	3.6	2.3	2.0	9.0	2.8	8.4	6.5	0.0	39.2	
8	0.4	0.0	1.7	0.6	11.2	7.5	9.5	4.1	1.6	10.7	4.4	0.0	51.7	
9	0.1	0.5	0.0	0.1	5.5	7.0	5.6	1.7	4.5	4.8	7.0	0.1	36.9	
10	0.6	0.5	1.9	1.2	1.7	7.6	5.7	2.0	7.9	7.9	11.3	0.0	48.4	
11	0.0	2.5	0.0	0.2	2.4	8.0	4.6	4.3	1.7	2.9	6.4	0.0	33.1	
12	1.6	1.0	0.0	0.2	3.2	7.6	2.1	3.6	4.6	11.2	4.6	0.0	39.7	
13	0.2	0.0	1.8	4.6	2.5	4.8	6.8	4.3	5.1	13.1	7.4	0.0	50.6	
14	0.0	0.0	0.1	5.6	2.5	2.1	8.0	3.9	3.2	1.3	2.9	0.1	29.7	
15	0.9	0.0	1.8	0.1	2.5	1.8	6.8	3.7	2.5	5.3	3.7	0.9	30.0	
16	0.0	0.0	0.2	0.0	2.3	2.0	1.7	2.5	4.5	2.9	5.8	0.2	22.2	
17	0.6	0.0	0.0	1.3	4.3	2.2	2.5	4.2	6.4	2.6	5.8	0.0	30.0	
18	0.0	0.1	2.3	1.4	4.5	5.4	9.3	1.9	12.6	17.9	11.2	0.0	66.4	
19	0.0	0.0	0.2	1.5	8.0	6.6	15.3	5.0	6.5	6.2	0.4	0.0	49.8	
20	0.2	1.5	2.6	0.0	8.9	13.0	2.5	7.2	4.5	12.6	0.6	0.0	53.7	
21	2.4	2.5	6.1	1.3	4.7	10.2	9.0	4.3	6.0	10.0	1.4	0.1	57.9	
22	0.3	0.0	0.3	5.2	5.7	10.7	6.5	1.9	4.7	3.8	0.0	0.7	40.0	
23	1.7	0.2	0.2	0.9	6.0	1.9	6.5	7.3	14.1	7.1	0.0	0.0	45.8	
24	4.2	2.2	3.0	3.5	2.8	3.1	2.9	7.3	3.2	2.1	13.2	0.0	47.4	
25	0.0	2.5	0.6	1.9	3.4	2.6	4.2	3.4	3.9	5.7	0.4	0.0	28.8	
26	2.8	0.9	0.9	0.3	5.4	2.7	9.6	3.5	2.7	5.4	0.1	0.0	34.4	
27	0.6	0.4	2.0	0.9	5.7	4.7	7.2	7.6	6.5	6.3	1.8	0.1	43.8	
28	0.9	2.4	0.0	3.1	4.7	2.8	10.1	1.8	3.5	20.4	1.5	0.1	51.5	
29	5.6	0.1	0.0	4.5	2.1	56.6	3.6	1.6	3.0	10.9	4.8	0.0	92.8	
30	0.0		0.5	3.0	6.6	1.5	5.9	5.2	7.1	19.8	8.6	0.0	58.4	
31	0.0		1.2		4.5		7.9	3.8		3.6		0.7	21.6	
Monthly	26.5	21.6	43.9	49.6	127.3	147.3	173.4	146.8	136.6	251.7	180.2	7.0	1,311.8	
Daily record high	94.6	45.7	109.5	63.1	159.7	122.4	123.0	130.7	181.8	240.4	201.3	30.0	240.4	
3 hr. Extremes	61.2	43.3	57.1	61.1	49.3	57.5	89.5	65.6	75.8	131.5	114.7	16.2	131.5	
No. of rainy days	2	2	4	5	12	16	17	18	17	16	8	2	119	

จุฬาลงกรณ์มหาวิทยาลัย

แผนภูมิปริมาณน้ำฝน (rain fall)



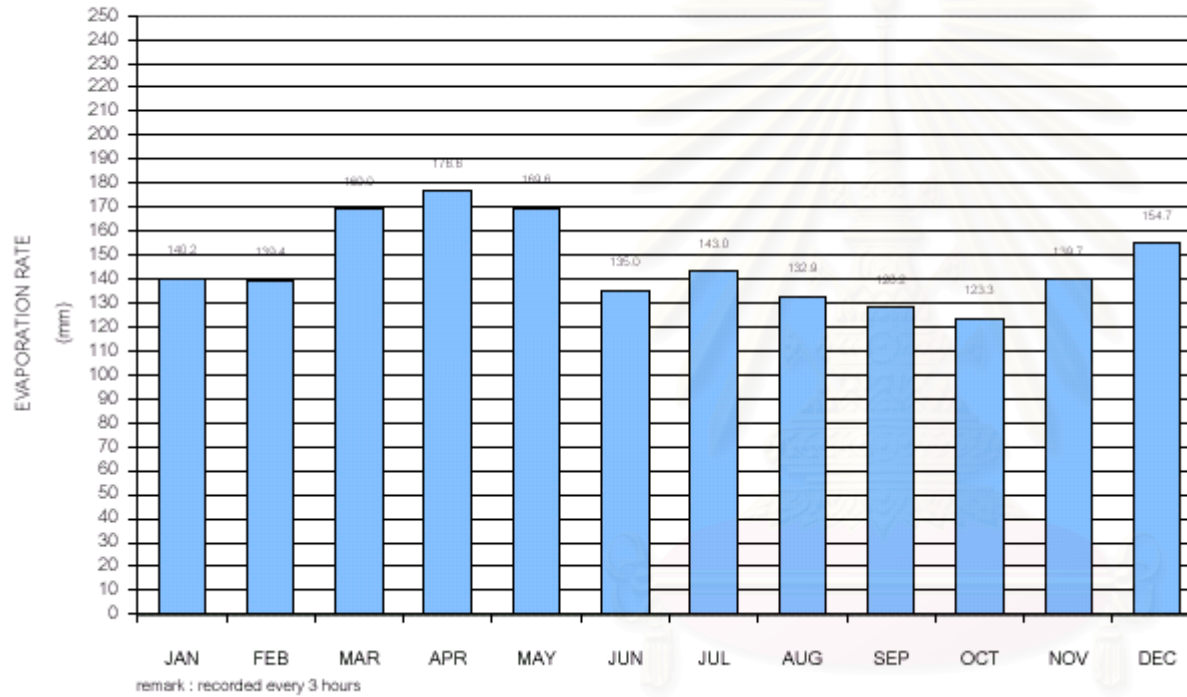
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ตารางแสดงผลข้อมูลค่าเฉลี่ยอัตราการระเหยของน้ำรายวัน (evaporation)

EVAPORATION (mm) 1981 - 1998 (2524 - 2541)													Station : PRACHUAP KHIRI KHAN	
MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL	
DAY	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
1	4.2	4.5	4.8	5.8	6.3	4.8	4.7	4.0	4.7	4.4	4.9	5.0	58.1	
2	4.4	4.6	4.9	6.0	5.9	5.1	5.2	4.3	4.9	4.1	4.8	5.0	59.2	
3	4.3	4.8	5.1	6.2	6.2	4.8	5.0	4.7	4.8	3.9	5.2	5.2	60.2	
4	4.3	4.8	5.3	6.0	6.3	5.4	5.6	4.3	4.3	3.4	4.6	5.0	59.0	
5	4.7	5.1	5.4	5.9	6.7	4.8	5.4	4.1	4.3	4.0	4.2	4.9	59.5	
6	4.8	4.6	4.9	6.2	5.9	4.5	5.4	4.1	4.4	3.3	4.6	5.0	57.6	
7	4.5	4.7	5.1	6.7	6.0	4.2	5.5	4.0	4.3	3.7	4.1	5.1	57.7	
8	5.2	4.6	4.7	6.1	5.1	4.6	5.1	4.1	4.4	3.9	4.6	5.0	57.4	
9	4.9	4.6	5.3	5.8	5.6	4.2	4.7	4.4	4.1	2.9	4.6	5.1	56.0	
10	4.7	4.4	4.9	5.8	5.5	4.2	5.1	4.1	4.5	3.7	4.4	5.0	56.3	
11	4.8	4.9	5.4	5.9	5.0	4.1	4.9	4.0	4.8	3.7	4.6	4.6	56.6	
12	4.7	4.2	5.7	5.8	5.5	4.2	4.5	3.9	5.0	3.9	4.2	5.0	56.7	
13	4.5	4.9	5.5	5.5	5.3	4.4	4.1	4.4	4.5	3.7	4.8	4.9	56.5	
14	4.4	4.8	5.7	5.6	5.2	4.4	4.2	5.0	4.6	4.0	4.0	4.6	56.4	
15	4.6	5.3	5.3	5.6	5.4	5.0	4.4	4.4	4.6	4.4	4.3	4.7	57.9	
16	4.7	5.2	5.4	5.5	5.7	4.9	4.3	4.9	4.3	4.0	4.6	5.0	58.5	
17	4.4	5.2	5.6	5.8	5.9	4.8	4.4	4.6	4.4	4.0	4.3	5.2	58.6	
18	4.3	5.1	5.8	6.1	5.7	5.0	4.6	4.5	4.4	3.8	4.6	5.2	59.0	
19	4.7	5.2	6.0	6.2	5.1	3.9	4.6	4.4	4.1	4.3	4.7	5.1	58.2	
20	4.4	5.2	5.8	6.0	5.0	4.1	4.5	4.2	3.6	4.2	4.4	5.1	56.5	
21	3.8	5.1	5.8	6.0	4.8	4.1	3.9	4.6	4.1	4.3	5.0	5.3	56.9	
22	4.6	4.9	5.8	6.2	5.1	4.8	3.9	4.9	4.4	4.7	5.0	5.1	59.5	
23	4.0	4.9	5.8	5.8	5.8	4.3	4.4	4.0	4.1	4.5	5.1	5.4	58.0	
24	4.5	4.4	5.5	5.8	5.8	4.4	3.9	4.1	3.6	3.9	5.0	5.3	56.1	
25	4.6	4.8	5.7	6.0	4.8	3.9	4.5	4.2	4.1	3.8	4.9	5.3	56.7	
26	4.3	4.6	5.9	6.0	5.0	4.1	4.7	3.8	4.0	3.8	5.2	5.3	56.6	
27	4.7	5.1	5.3	6.2	5.1	4.4	4.7	4.1	4.0	4.2	4.6	5.1	57.4	
28	4.6	4.7	6.1	5.3	4.8	4.4	4.6	4.5	3.9	3.9	4.8	5.2	56.9	
29	4.5	4.5	5.4	5.8	5.1	4.5	4.2	4.1	3.3	4.4	4.8	4.5	55.0	
30	4.6		5.6	5.2	4.7	4.6	4.4	4.0	3.8	3.9	5.0	4.4	50.2	
31	4.6		5.3		5.2		3.8		4.3		4.8		32.2	
AVG. Monthly	140.2	139.4	169.0	176.6	169.6	135.0	143.0	132.9	128.2	123.3	139.7	154.7	1,751.6	
Daily Mean	4.5	4.8	5.5	5.9	5.5	4.5	4.6	4.3	4.3	4.0	4.7	5.0	4.8	
Extremes	9.3	10.0	9.8	9.8	10.7	9.0	9.3	11.8	8.3	10.0	12.2	9.2	12.2	

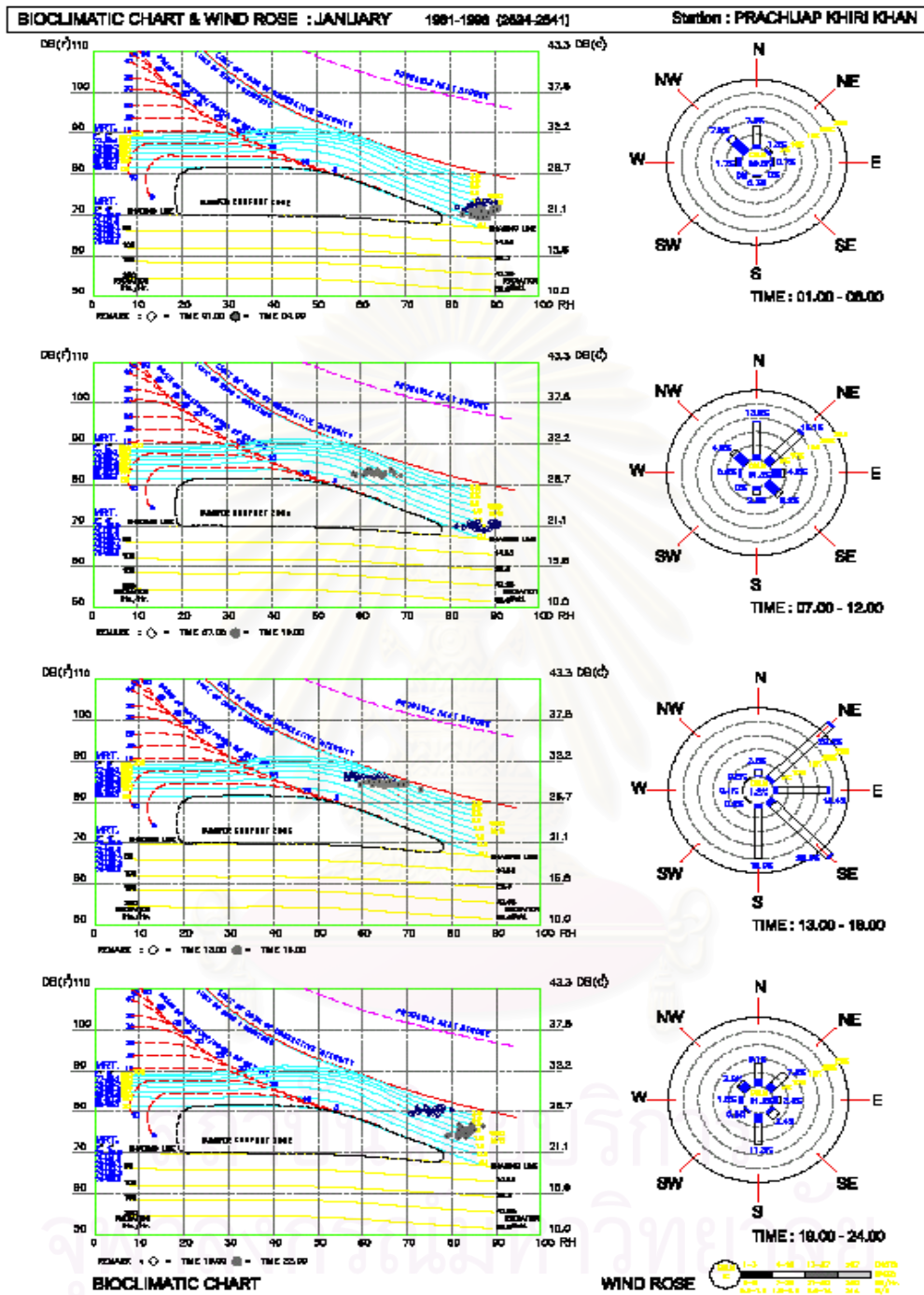
แผนภูมิค่าเฉลี่ยอัตราการระเหยของน้ำรายเดือน (average monthly evaporation from U.S. class "A" pan)

AVERAGE MONTHLY EVAPORATION (mm) from U.S. class "A" pan 1981 - 1998 (2524 - 2541) Station : PRACHUAP KHIRI KHAN

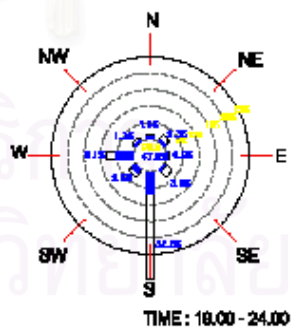
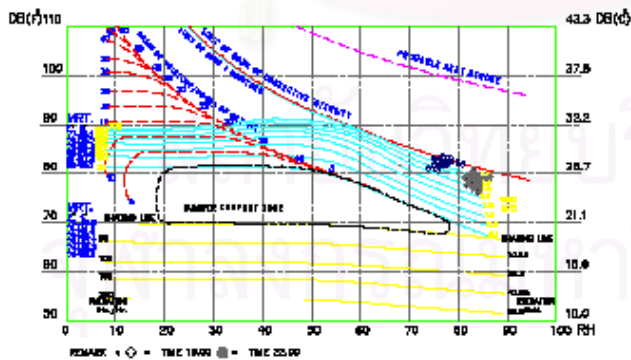
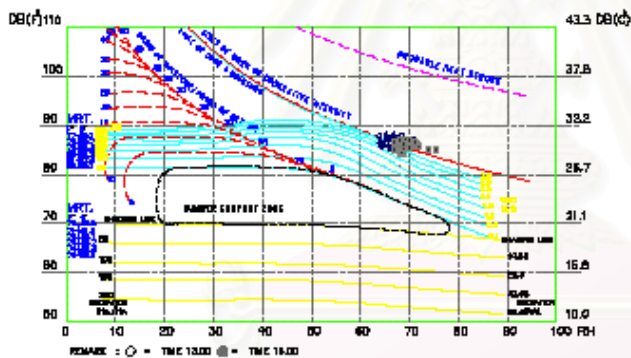
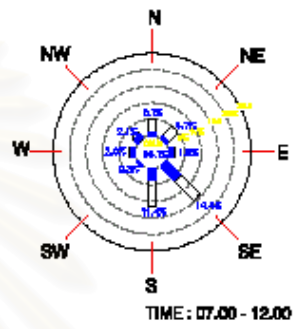
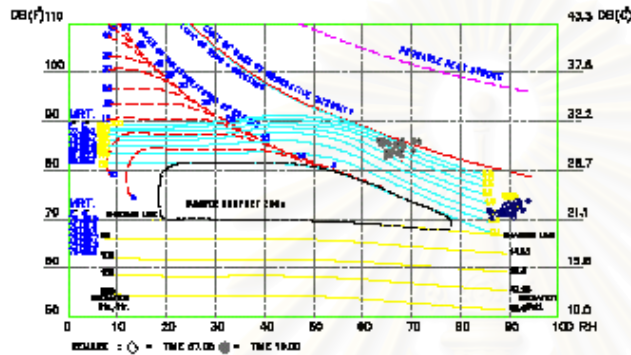
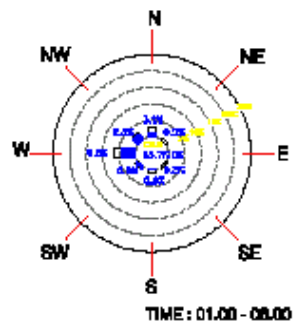
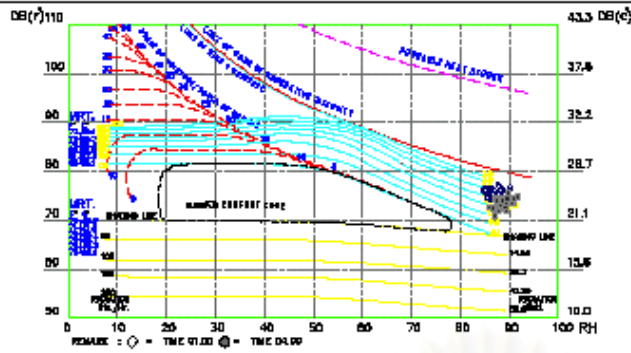


สถาบันวิทยบริการ  
จุฬาลงกรณ์มหาวิทยาลัย

แผนภูมิความสัมพันธ์ระหว่างข้อมูลสภาพอากาศในแผนภูมิไบโอไคลเมตริก (bioclimatic chart) กับแผนภูมิแสดงความเร็วและทิศทางที่เกิดลมรายเดือน (wind rose) แยกตามช่วงเวลา



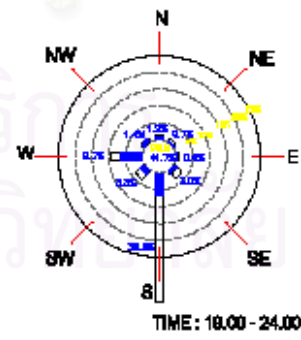
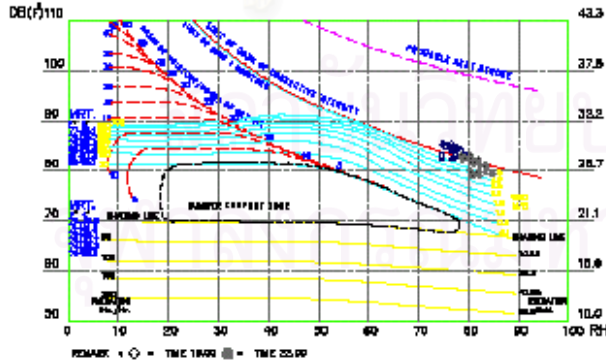
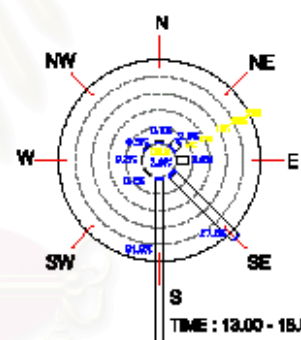
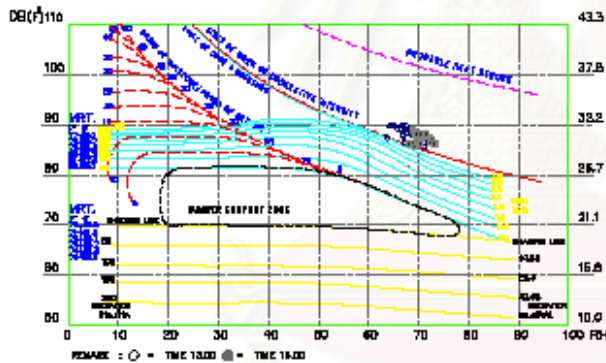
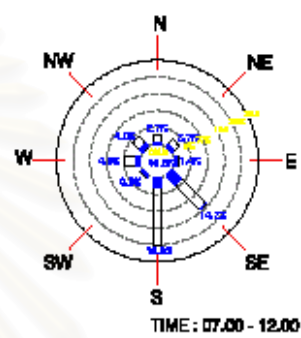
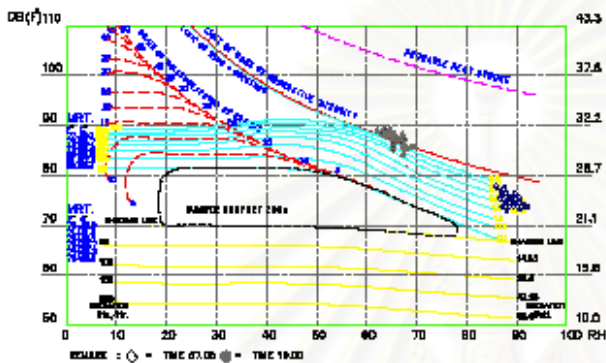
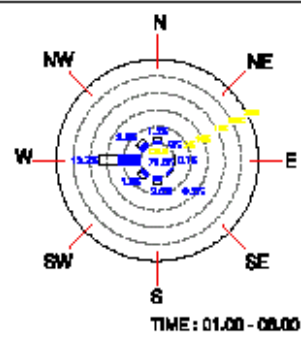
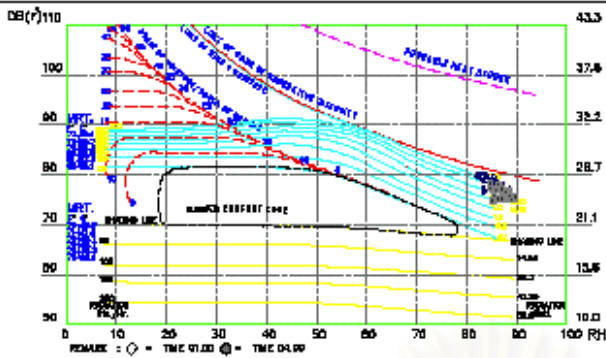
**BIOCLIMATIC CHART & WIND ROSE : FEBRUARY 1981-1988 (2824-2841) Station : PRACHJAP KHIRI KHAN**



**BIOCLIMATIC CHART**



**BIOCLIMATIC CHART & WIND ROSE : MARCH 1961-1990 (2694-2941) Station : PRACHUAP KHIRI KHAN**

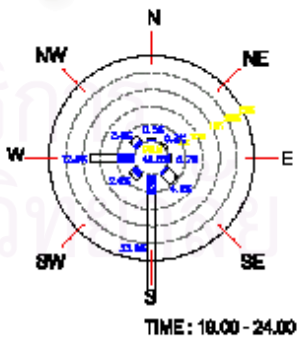
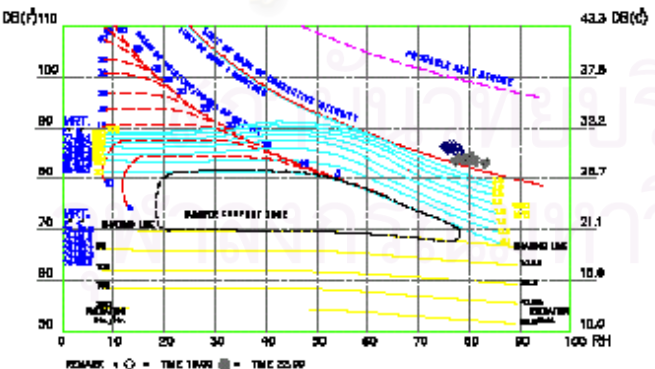
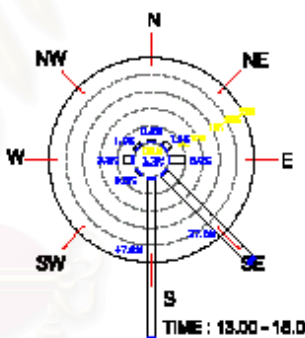
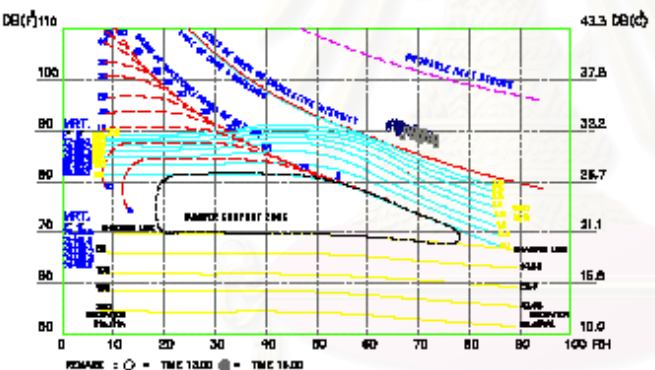
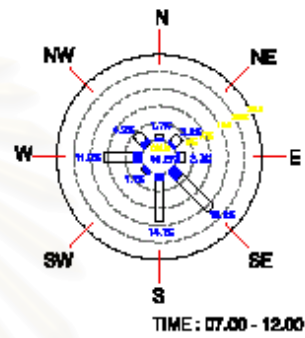
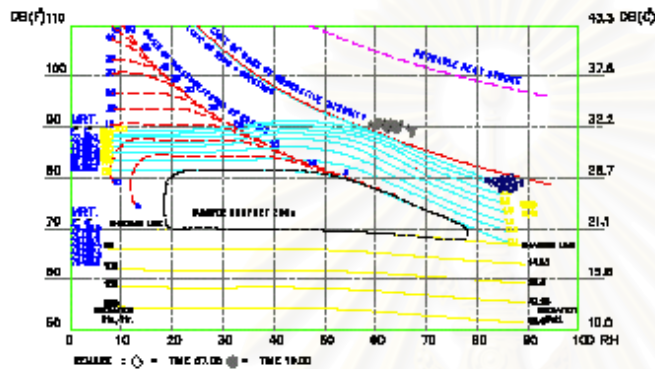
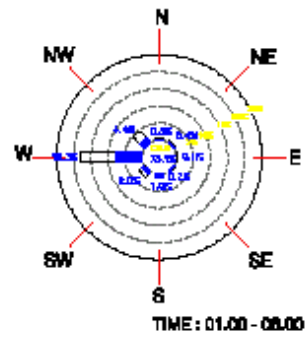
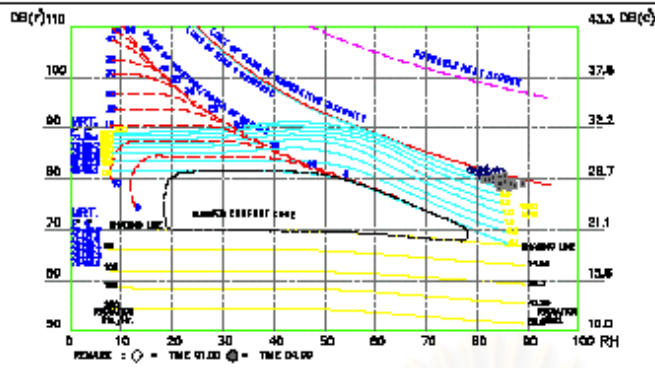


**BIOCLIMATIC CHART**

**WIND ROSE**



**BIOCLIMATIC CHART & WIND ROSE : APRIL 1981-1998 (2624-2641) Station : PRACHJAP KHIRI KHAN**

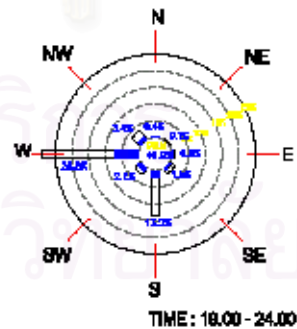
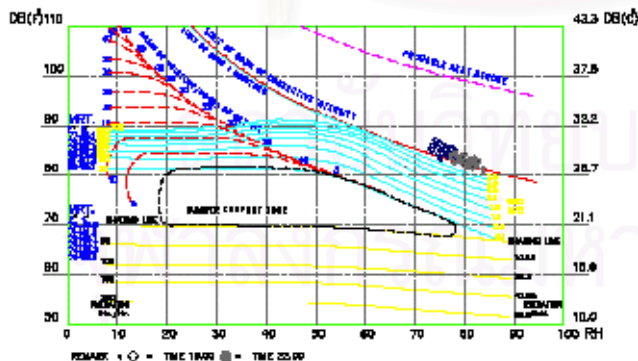
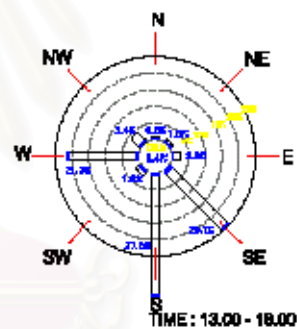
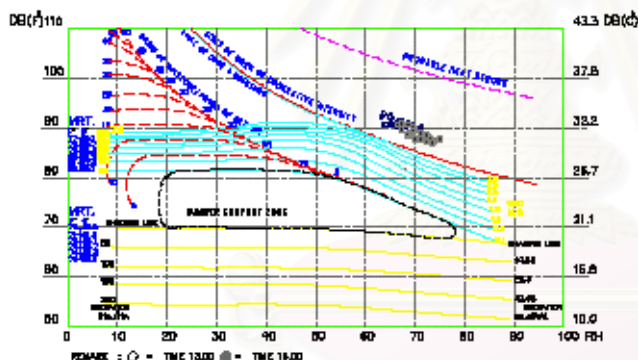
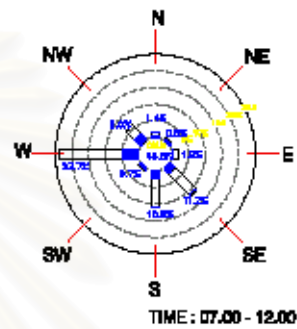
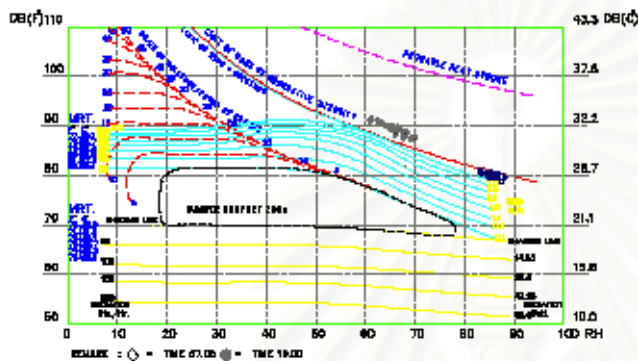
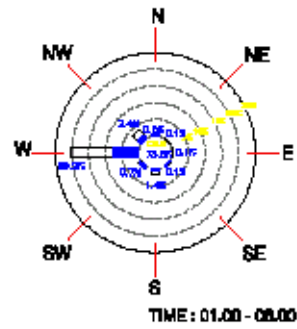
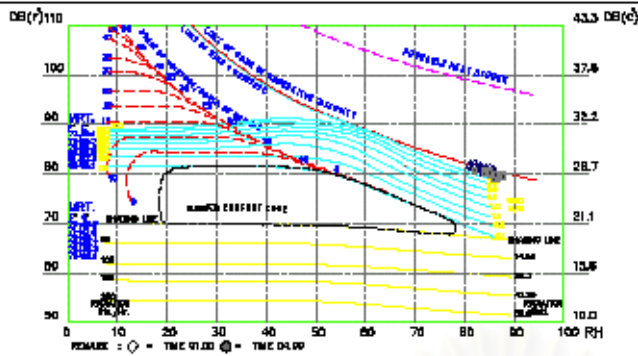


**BIOCLIMATIC CHART**

**WIND ROSE**

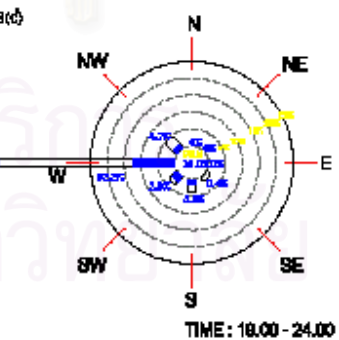
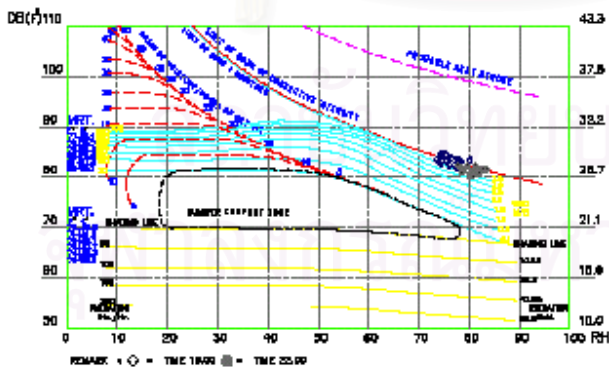
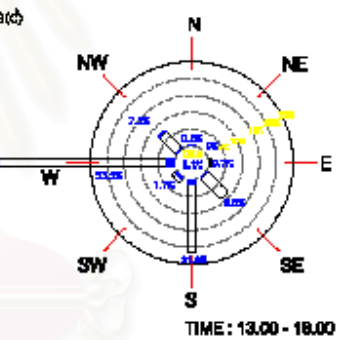
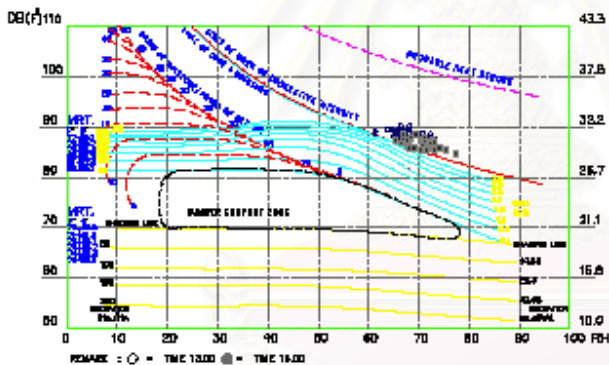
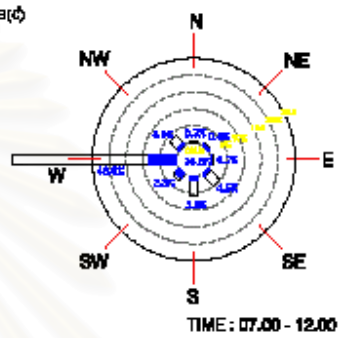
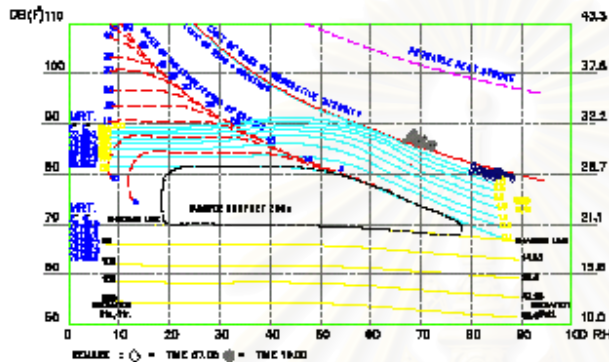
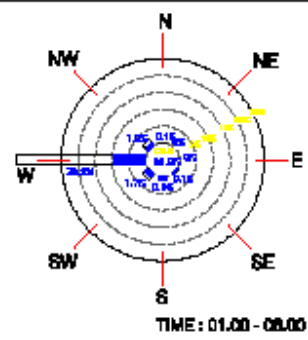
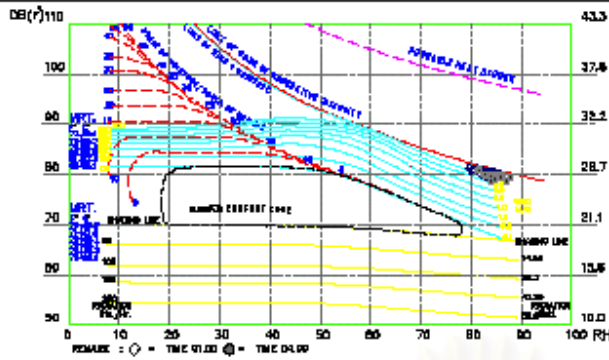


**BIOCLIMATIC CHART & WIND ROSE : MAY 1981-1998 (2624-2641) Station : PRACHUAP KHIRI KHAN**



**BIOCLIMATIC CHART**

**BIOCLIMATIC CHART & WIND ROSE : JUNE 1981-1998 (2624-2641) Station : PRACHUAP KHIRI KHAN**

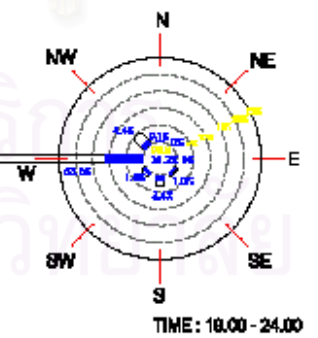
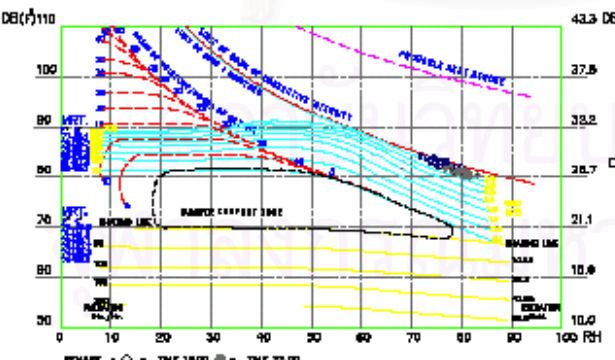
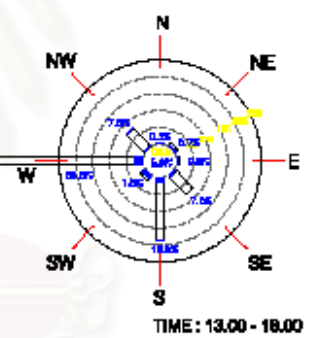
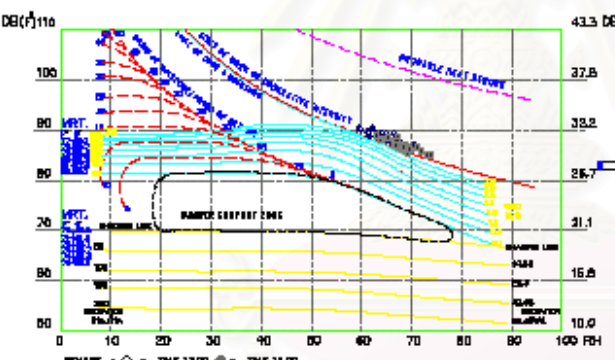
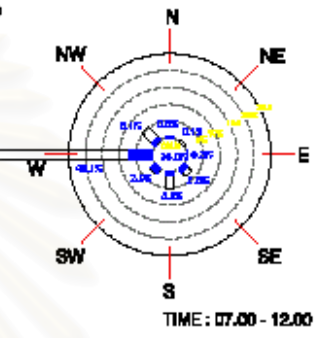
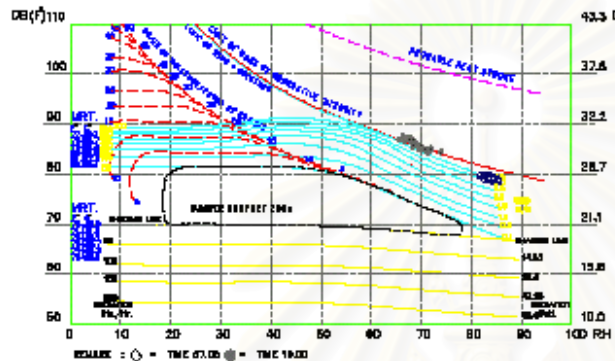
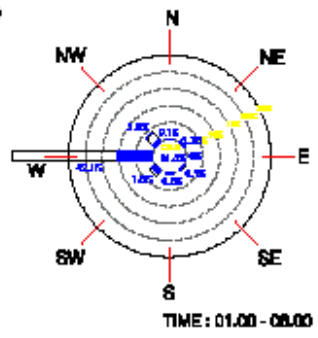
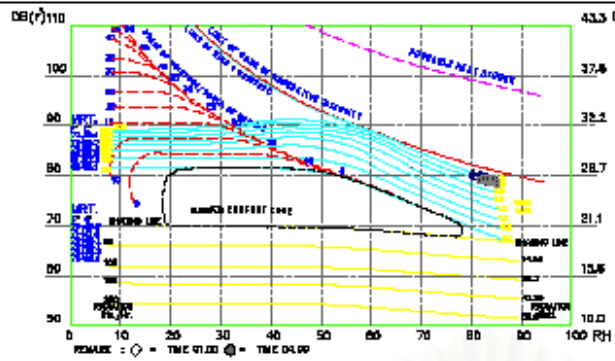


**BIOCLIMATIC CHART**

**WIND ROSE**



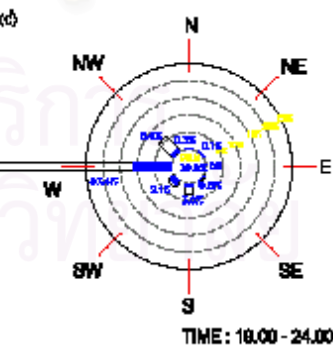
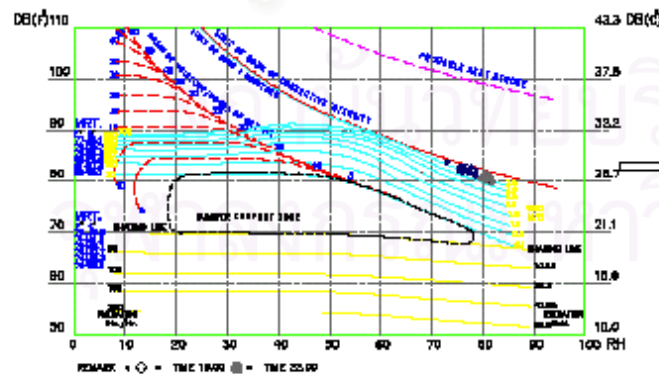
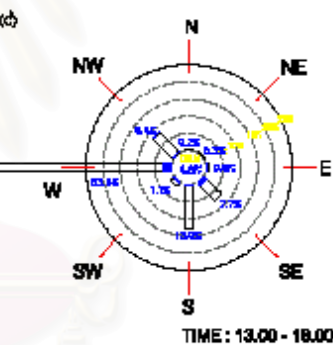
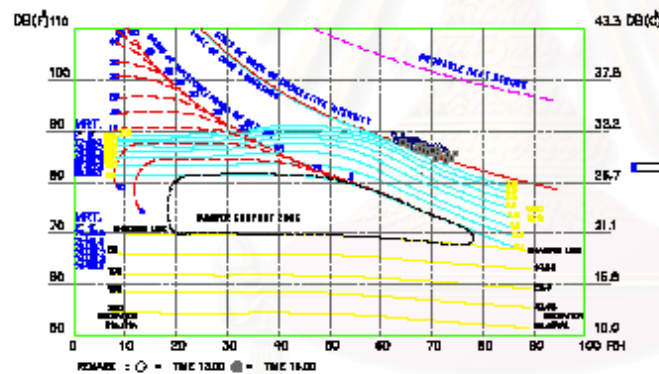
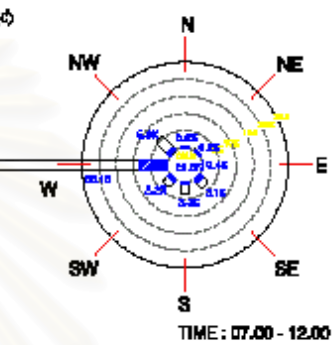
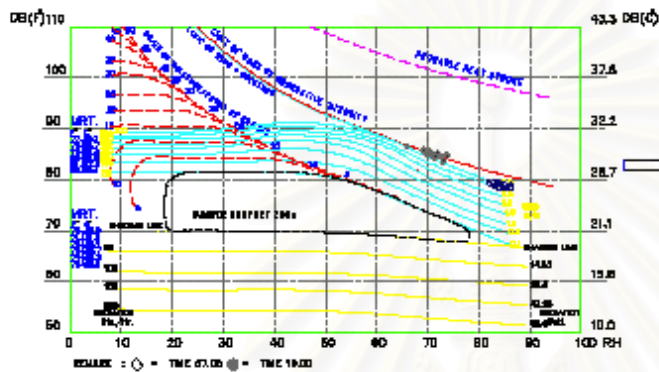
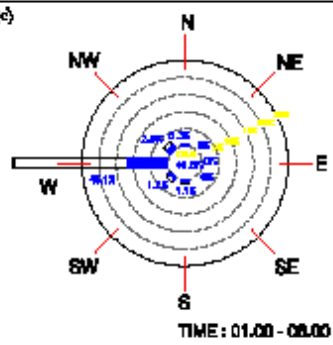
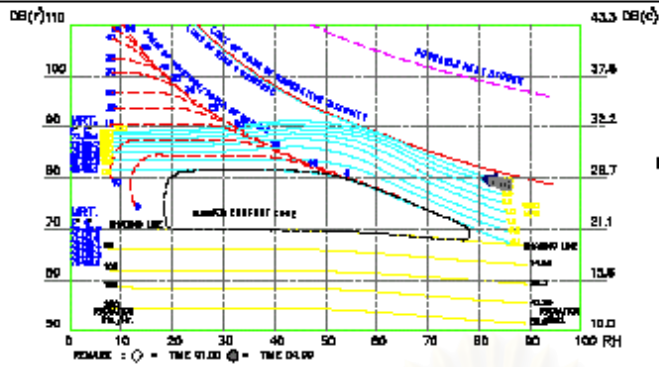
BIOCLIMATIC CHART & WIND ROSE : JULY 1981-1988 (2824-2841) Station : PRACHUAP KHIRI KHAN



BIOCLIMATIC CHART



**BIOCLIMATIC CHART & WIND ROSE : AUGUST 1981-1990 (2624-2641) Station : PRACHUAP KHIRI KHAN**

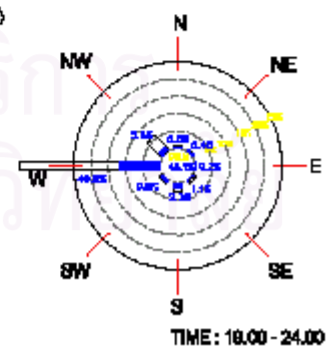
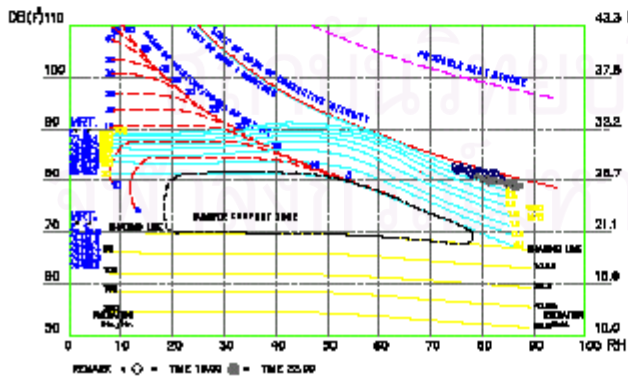
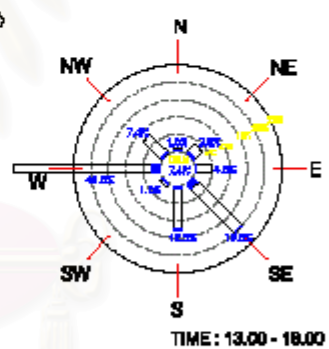
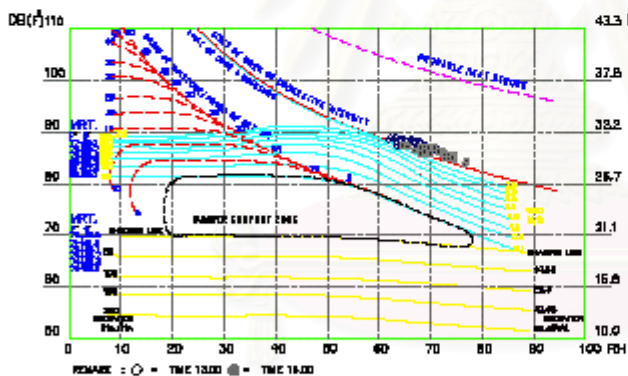
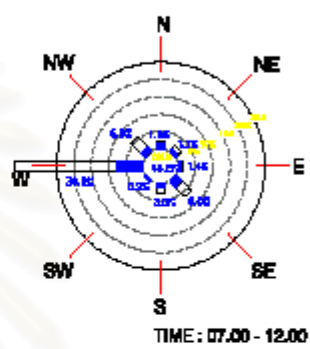
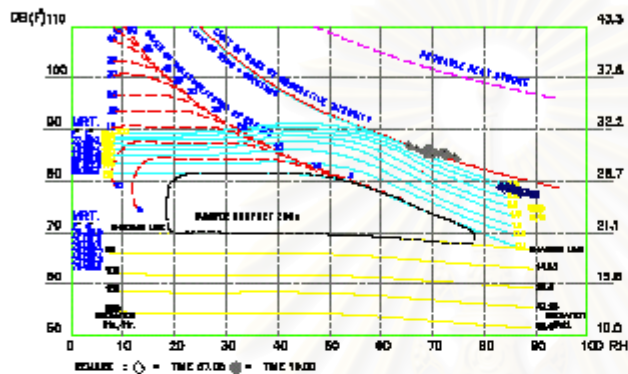
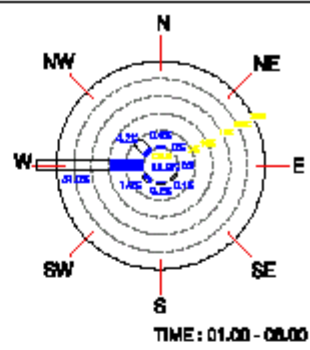
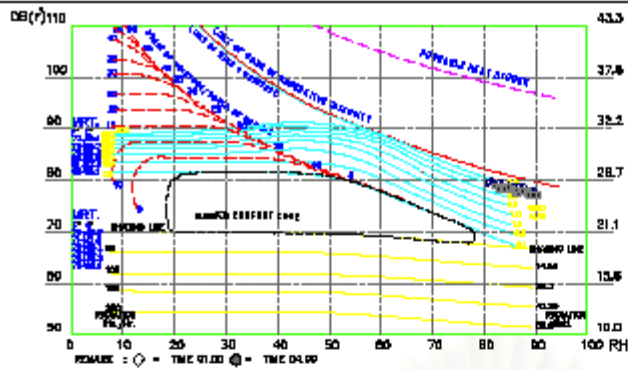


**BIOCLIMATIC CHART**

**WIND ROSE**



BIOCLIMATIC CHART & WIND ROSE : SEPTEMBER 1991-1999 (2624-2641) Station : PRACHIJAP KHIRI KHAN

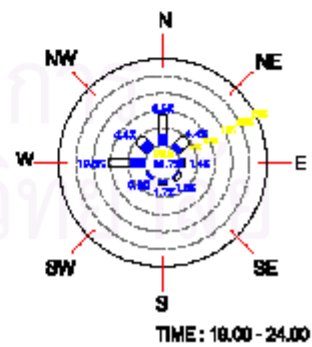
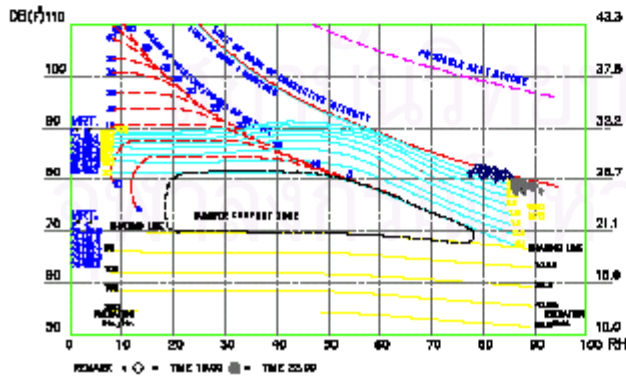
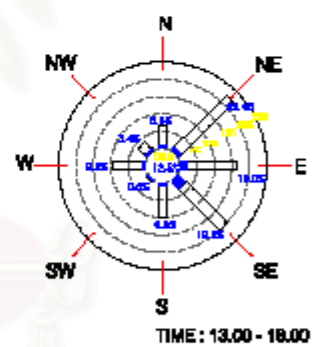
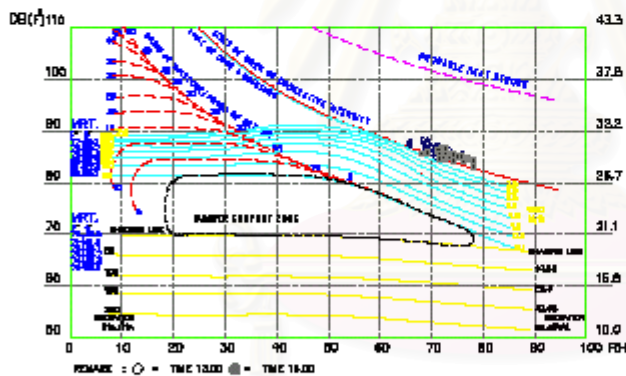
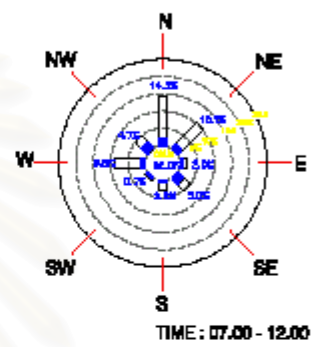
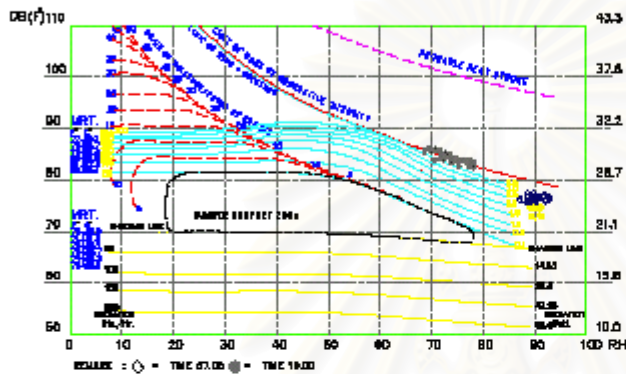
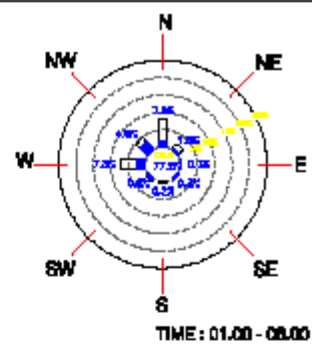
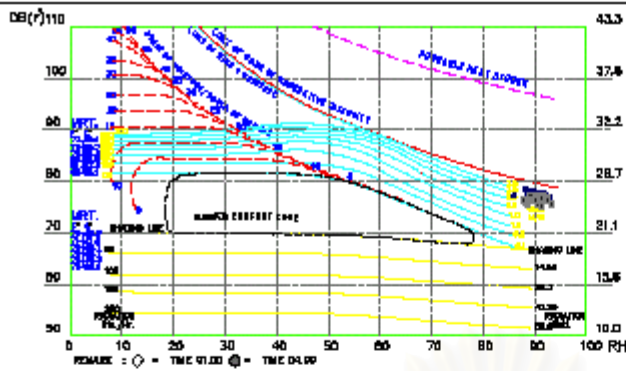


BIOCLIMATIC CHART

WIND ROSE



**BIOCLIMATIC CHART & WIND ROSE : OCTOBER 1991-1998 (2824-2841) Station : PRACHJAP KHIRI KHAN**

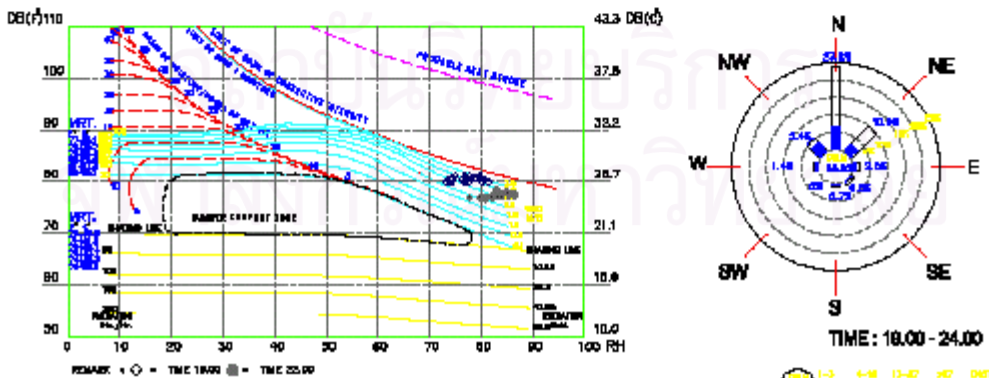
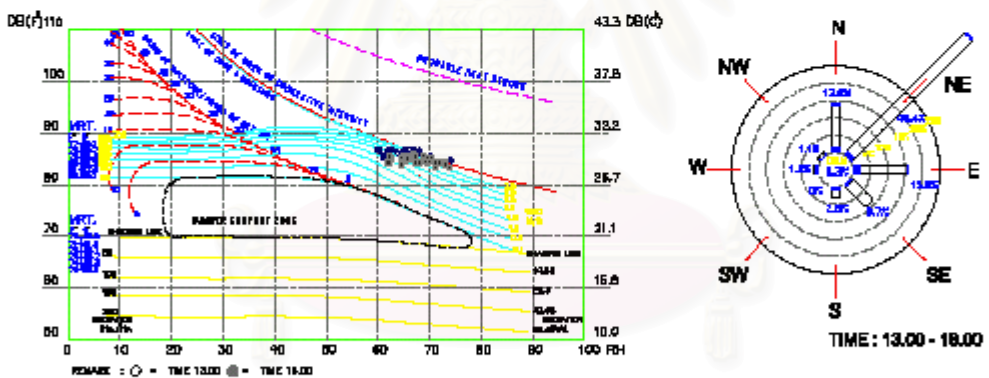
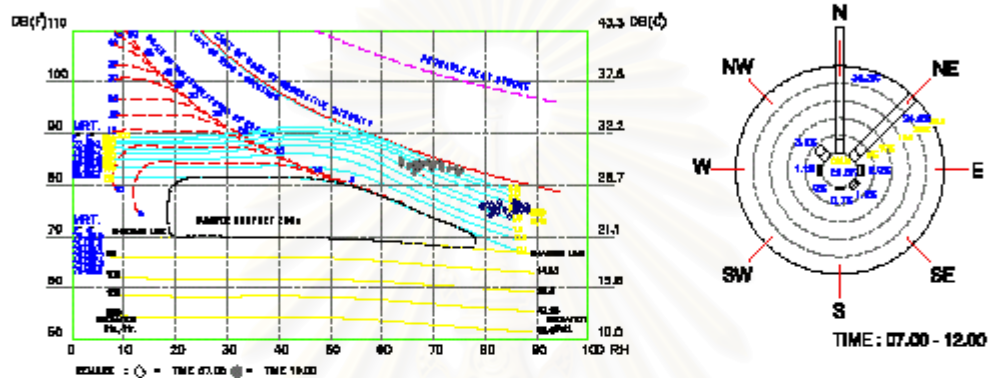
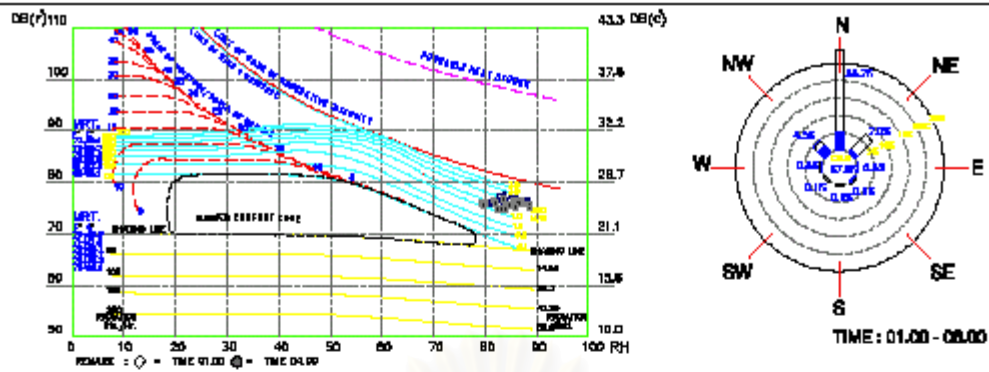


**BIOCLIMATIC CHART**

**WIND ROSE**



**BIOCLIMATIC CHART & WIND ROSE : NOVEMBER 1981-1998 (2824-2841) Station : PRACHJAP KHIRI KHAN**

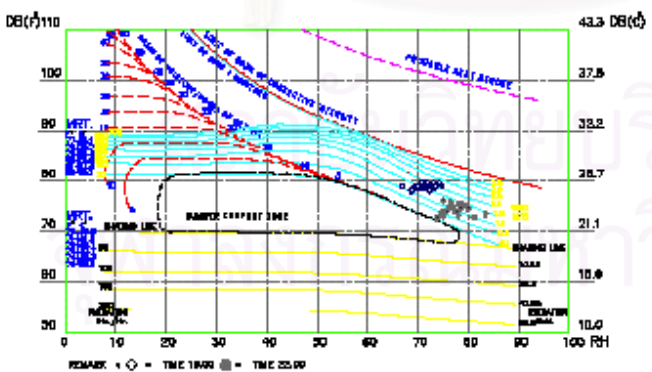
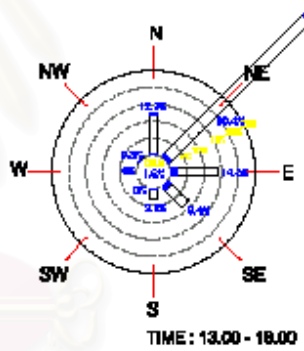
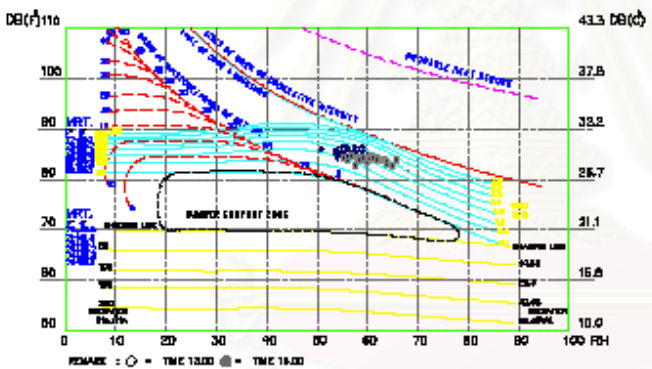
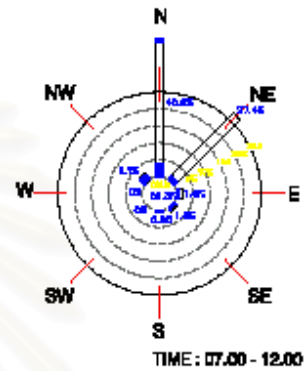
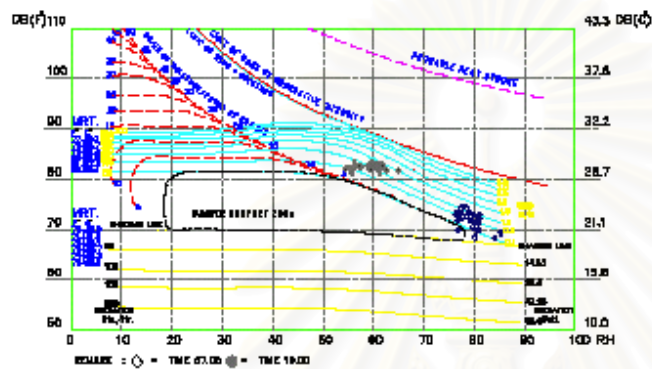
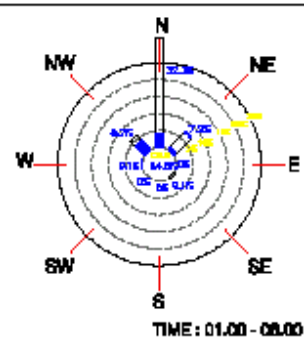
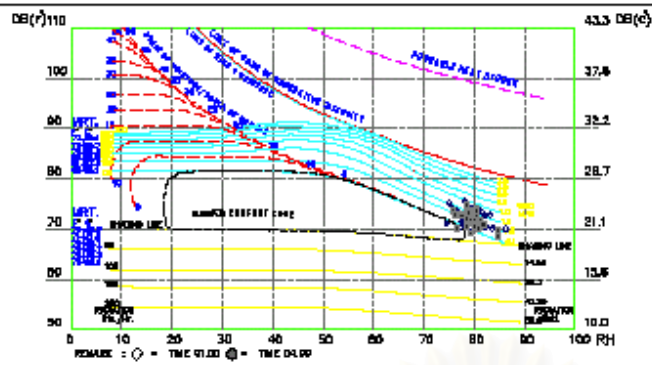


**BIOCLIMATIC CHART**

**WIND ROSE**



BIOCLIMATIC CHART & WIND ROSE : DECEMBER 1981-1988 (2824-2841) Station : PRACHJAP KHIRI KHAN

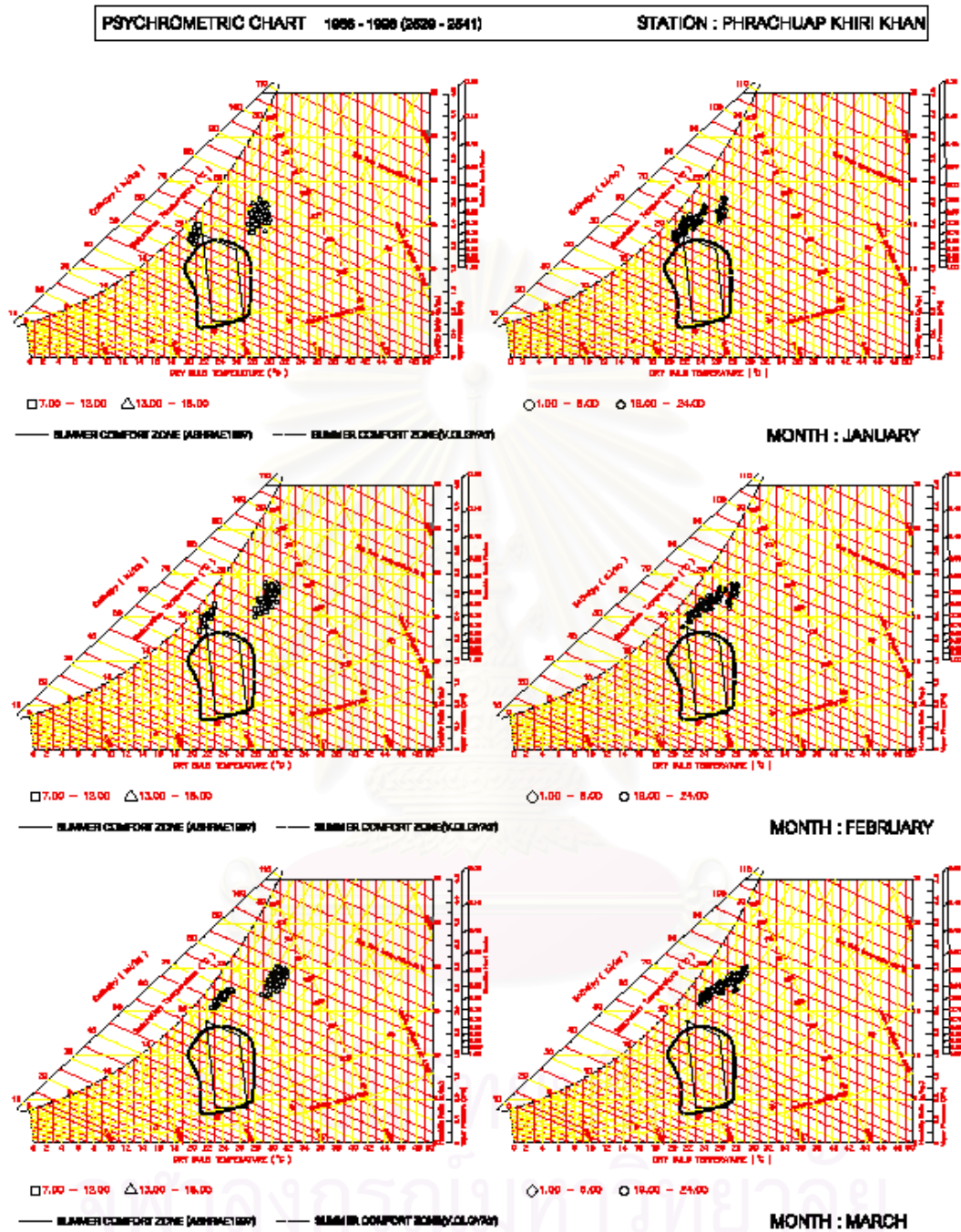


BIOCLIMATIC CHART

WIND ROSE

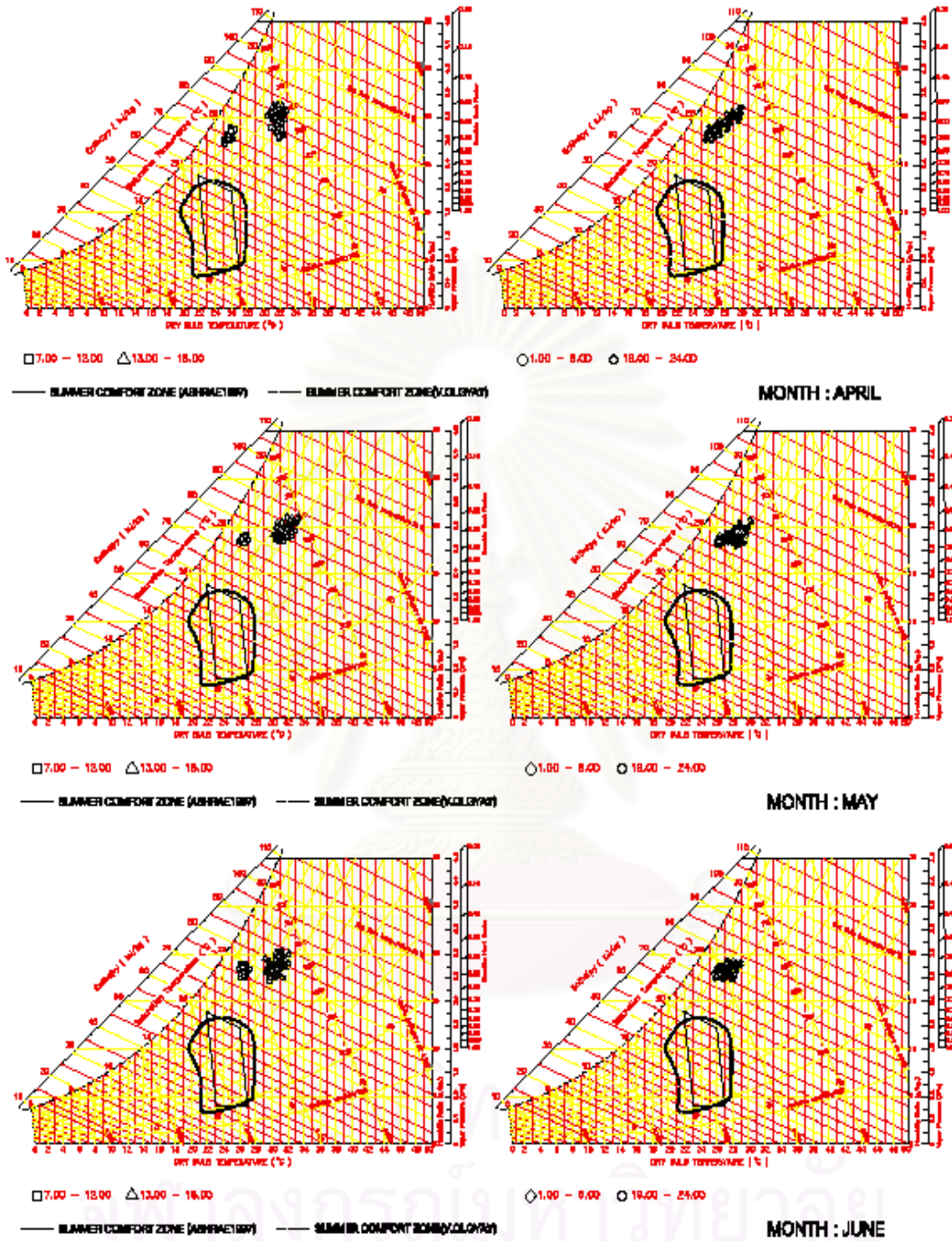


แผนภูมิความสัมพันธ์ระหว่างข้อมูลสภาวะอากาศ ในแผนภูมิไซโครเมตริก (psychrometric chart) แยกตามช่วงเวลา



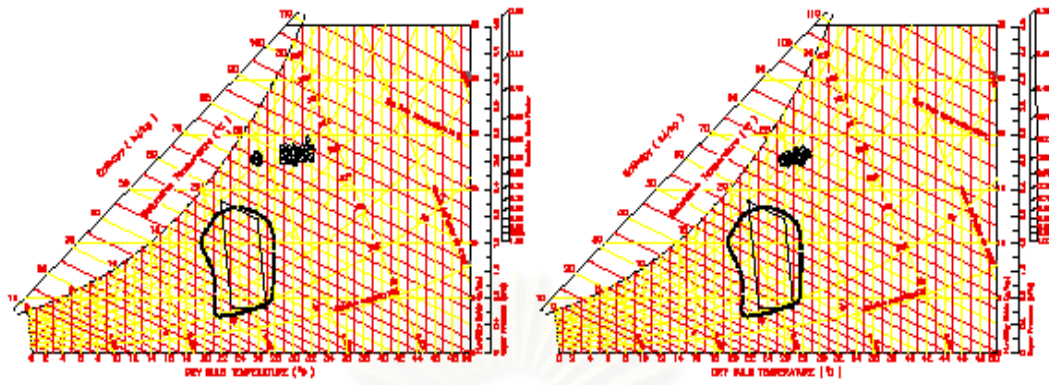
PSYCHROMETRIC CHART 1996 - 1999 (2529 - 2541)

STATION : PHRACHUAP KHIRI KHAN



PSYCHROMETRIC CHART 1986 - 1999 (2629 - 2641)

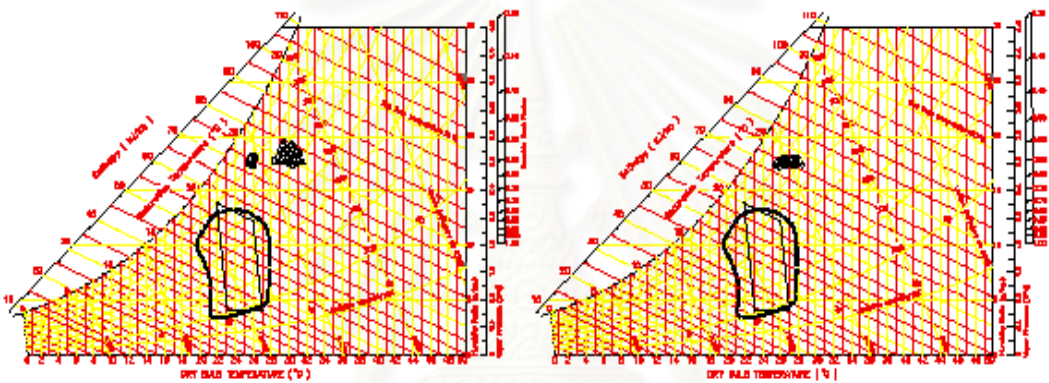
STATION : PHRACHUAP KHIRI KHAN



7.00 - 13.00   
  13.00 - 18.00   
  1.00 - 8.00   
  18.00 - 24.00

——— SUMMER COMFORT ZONE (ASHRAE1897)   
 ——— SUMMER COMFORT ZONE (COLSPAN)

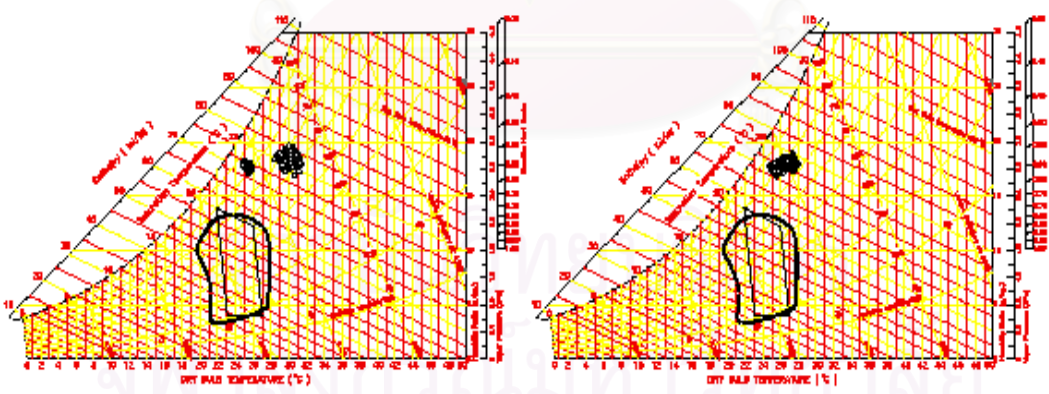
MONTH : JULY



7.00 - 13.00   
  13.00 - 18.00   
  1.00 - 8.00   
  18.00 - 24.00

——— SUMMER COMFORT ZONE (ASHRAE1897)   
 ——— SUMMER COMFORT ZONE (COLSPAN)

MONTH : AUGUST



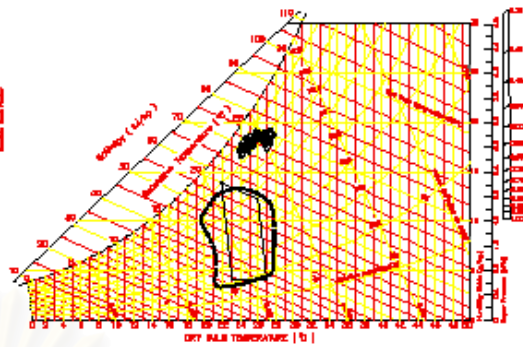
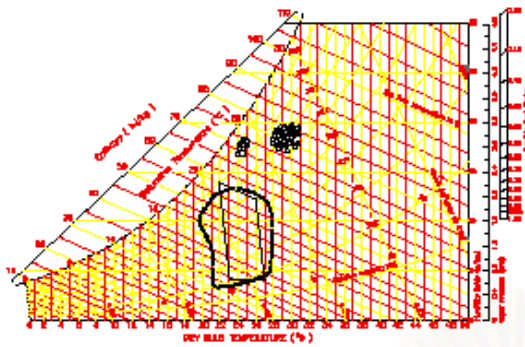
7.00 - 13.00   
  13.00 - 18.00   
  1.00 - 8.00   
  18.00 - 24.00

——— SUMMER COMFORT ZONE (ASHRAE1897)   
 ——— SUMMER COMFORT ZONE (COLSPAN)

MONTH : SEPTEMBER

PSYCHROMETRIC CHART 1955 - 1999 (2529 - 2541)

STATION : PRACHUAP KHIRI KHAN

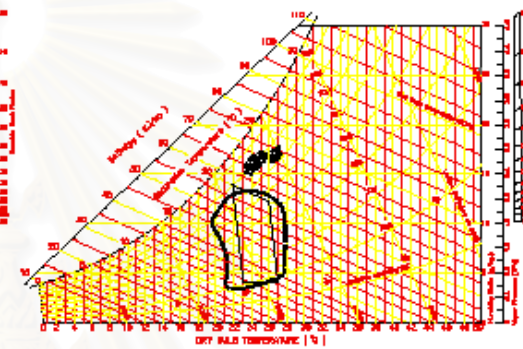
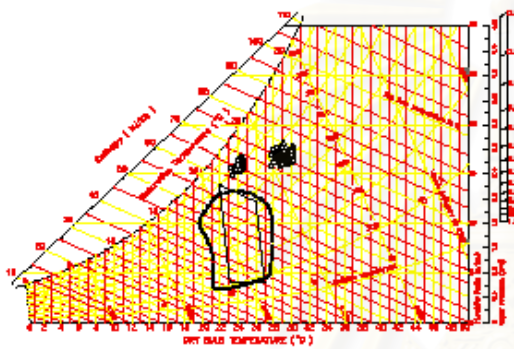


□ 7.00 - 13.00    △ 13.00 - 18.00

○ 1.00 - 8.00    ◐ 18.00 - 24.00

— SUMMER COMFORT ZONE (ASHRAE1977)    — SUMMER COMFORT ZONE(COLORADO)

MONTH : OCTOBER

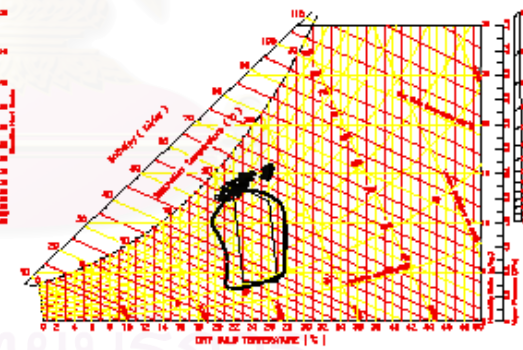
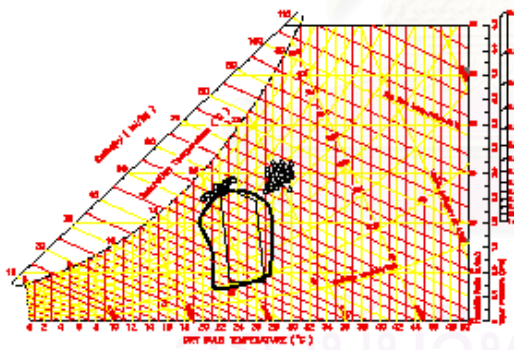


□ 7.00 - 13.00    △ 13.00 - 18.00

○ 1.00 - 8.00    ◐ 18.00 - 24.00

— SUMMER COMFORT ZONE (ASHRAE1977)    — SUMMER COMFORT ZONE(COLORADO)

MONTH : NOVEMBER



□ 7.00 - 13.00    △ 13.00 - 18.00

○ 1.00 - 8.00    ◐ 18.00 - 24.00

— SUMMER COMFORT ZONE (ASHRAE1977)    — SUMMER COMFORT ZONE(COLORADO)

MONTH : DECEMBER

จุฬาลงกรณ์มหาวิทยาลัย

ตารางแสดงผลข้อมูลจำนวนรายชั่วโมงอุณหภูมิกระเปาะแห้ง และค่าเฉลี่ยอุณหภูมิกระเปาะเปียกที่เกิดขึ้น  
จำแนกตามช่วงอุณหภูมิกระเปาะแห้ง (bin data) ในแต่ละช่วงเวลา

ANNUAL BIN-HOUR WEATHER DATA							STATION : PRACHUAP KHIRI KHAN		
Hours of occurrence of DB in each bin with MCWB in parentheses								year : 1998	
Temperature range	Observation hour group						Total Observation	MCWB	Temperature range
	01:00 to 04:00	05:00 to 08:00	09:00 to 12:00	13:00 to 16:00	17:00 to 20:00	21:00 to 24:00			
$^{\circ}\text{C}$	Annual							$^{\circ}\text{F}$	
	DB MCWB	DB MCWB	DB MCWB	DB MCWB	DB MCWB	DB MCWB	Total MCWB		
40.6 / 42.8								105 / 109	
37.8 / 40.0				1 (27.7)			1 (27.7)	100 / 104	
35.0 / 37.2			17 (26.9)	39 (27.1)	1 (27.1)		57 (27.0)	95 / 99	
32.2 / 34.4			344 (26.6)	539 (26.4)	85 (26.8)		968 (26.6)	90 / 94	
29.4 / 31.7	38 (26.3)	43 (25.7)	694 (25.7)	686 (26.1)	685 (26.0)	205 (26.3)	2,351 (26.0)	85 / 89	
26.7 / 28.9	631 (24.6)	569 (24.5)	326 (24.8)	158 (25.3)	545 (25.2)	821 (24.9)	3,050 (24.9)	80 / 84	
23.9 / 26.1	677 (23.8)	673 (23.6)	77 (23.5)	37 (24.1)	139 (24.0)	410 (23.9)	2,013 (23.8)	75 / 79	
21.1 / 23.3	107 (20.9)	155 (21.0)	1 (18.1)		5 (18.4)	24 (20.5)	292 (19.8)	70 / 74	
18.3 / 20.6	6 (18.7)	18 (18.3)					24 (18.5)	65 / 69	
15.6 / 17.8								60 / 64	
12.8 / 15.0								55 / 59	
10.0 / 12.2								50 / 54	
7.2 / 9.4								45 / 49	
4.4 / 6.7								40 / 44	
1.7 / 3.9								35 / 39	

สถาบันวิทยบริการ  
จุฬาลงกรณ์มหาวิทยาลัย

BIN-HOUR WEATHER DATA Hours of occurrence of DB in each bin with MCWB in parentheses																				STATION : PRACHUAP KHIRI KHAN						
Temperature range	Observation hour group						Total Observation	MCWB	Observation hour group						Total Observation	MCWB	Observation hour group						Total Observation	MCWB	Temperature range	
	01:00 to 04:00	05:00 to 08:00	09:00 to 12:00	13:00 to 16:00	17:00 to 20:00	21:00 to 24:00			01:00 to 04:00	05:00 to 08:00	09:00 to 12:00	13:00 to 16:00	17:00 to 20:00	21:00 to 24:00			01:00 to 04:00	05:00 to 08:00	09:00 to 12:00	13:00 to 16:00	17:00 to 20:00	21:00 to 24:00				
	January								February								March									
40.6 / 42.8																										105 / 109
37.8 / 40.0																										100 / 104
35.0 / 37.2																										95 / 99
32.2 / 34.4				7 (24.9)					26 (26.3)	44 (26.7)			70 (26.5)			54 (26.3)	88 (26.9)	3 (26.1)	145 (26.4)						90 / 94	
29.4 / 31.7			87 (25.3)	112 (25.7)	56 (25.6)		255 (25.5)		66 (25.7)	65 (26.4)	84 (26.2)	3 (26.2)	218 (26.1)	2 (26.8)		55 (25.5)	31 (26.3)	110 (26.3)	21 (26.4)	219 (26.3)					85 / 89	
26.7 / 28.9	2 (24.9)	4 (23.7)	32 (23.9)	3 (24.5)	67 (24.8)	51 (24.8)	159 (24.5)	24 (24.7)	13 (24.3)	20 (24.6)	3 (26.0)	28 (25.5)	95 (25.1)	183 (25.0)	80 (24.8)	37 (24.8)	15 (25.0)	5 (25.9)	11 (25.4)	101 (24.8)	219 (25.1)				80 / 84	
23.9 / 26.1	70 (23.1)	53 (22.9)	5 (21.4)	2 (24.1)	1 (23.5)	71 (23.2)	202 (23.0)	85 (23.5)	80 (23.1)			14 (24.0)	179 (23.5)	68 (23.2)	66 (23.0)					2 (22.8)	136 (23.0)				75 / 79	
21.1 / 23.3	48 (21.3)	58 (21.1)				2 (21.3)	108 (21.2)	3 (21.6)	19 (21.3)				22 (21.4)	4 (20.6)	20 (20.8)						24 (20.7)				70 / 74	
18.3 / 20.6	3 (19.5)	9 (18.6)					12 (19.1)								1 (18.4)						1 (18.4)				65 / 69	
15.6 / 17.8																									60 / 64	
12.8 / 15.0																									55 / 59	
10.0 / 12.2																									50 / 54	
7.2 / 9.4																									45 / 49	
4.4 / 6.7																									40 / 44	
1.7 / 3.9																									35 / 39	
40.6 / 42.8																									105 / 109	
37.8 / 40.0																									100 / 104	
35.0 / 37.2			2 (26.6)	1 (27.2)			3 (26.5)		13 (27.4)	11 (28.4)			24 (27.9)			11 (28.7)				11 (26.7)				95 / 99		
32.2 / 34.4			85 (27.5)	106 (28.1)	27 (28.1)		218 (27.9)		74 (27.8)	80 (28.4)	31 (28.1)		185 (28.1)			37 (26.6)	66 (26.8)	10 (26.1)		113 (26.5)				90 / 94		
29.4 / 31.7	16 (26.7)	10 (25.9)	32 (26.5)	11 (26.4)	69 (27.4)	83 (27.2)	241 (26.7)	19 (26.3)	19 (26.4)	33 (26.7)	23 (26.6)	62 (27.1)	66 (26.9)	222 (26.7)		8 (25.5)	69 (26.2)	34 (26.6)	60 (25.8)	9 (25.8)	180 (26.0)				85 / 89	
26.7 / 28.9	91 (25.4)	77 (25.3)	1 (25.8)	2 (26.6)	4 (26.6)	37 (25.9)	212 (25.9)	89 (25.7)	94 (25.6)	4 (24.6)	9 (26.2)	30 (25.9)	57 (25.7)	293 (25.6)	114 (24.7)	103 (24.9)	13 (25.0)	7 (25.5)	48 (25.0)	104 (24.9)	387 (25.0)				80 / 84	
23.9 / 26.1	13 (24.8)	33 (24.3)					46 (24.8)	6 (24.6)	11 (24.6)		1 (25.5)	1 (25.3)	1 (25.5)	20 (25.1)	6 (24.5)	9 (24.4)	1 (24.2)	2 (24.7)	4 (25.3)	7 (24.7)	29 (24.8)				75 / 79	
21.1 / 23.3																									70 / 74	
18.3 / 20.6																									65 / 69	
15.6 / 17.8																									60 / 64	
12.8 / 15.0																									55 / 59	
10.0 / 12.2																									50 / 54	
7.2 / 9.4																									45 / 49	
4.4 / 6.7																									40 / 44	
1.7 / 3.9																									35 / 39	

NOTE : MCWB = Mean coincident wetbulb temperature (number in parentheses)°C

Temperature (Celsius deg.) C = (deg F-32) \* 5 / 9

สถาบันวิทยบริการ  
จุฬาลงกรณ์มหาวิทยาลัย

BIN-HOUR WEATHER DATA Hours of occurrence of DB in each bin with MCWB in parentheses																				STATION : PRACHUAP KHIRI KHAN							
Temperature range	Observation hour group						Total Observation	MCWB	Observation hour group						Total Observation	MCWB	Observation hour group						Total Observation	MCWB	Temperature range		
	01:00	05:00	09:00	13:00	17:00	21:00			01:00	05:00	09:00	13:00	17:00	21:00			01:00	05:00	09:00	13:00	17:00	21:00					
	to	to	to	to	to	to			to	to	to	to	to	to			to	to	to	to	to	to				to	
	04:00	08:00	12:00	16:00	20:00	24:00			04:00	08:00	12:00	16:00	20:00	24:00			04:00	08:00	12:00	16:00	20:00	24:00					
40.6 / 42.8	July								August								September								105 / 109		
37.8 / 40.0				1 (27.7)			1 (27.7)																				100 / 104
35.0 / 37.2			2 (26.7)	14 (26.5)	1 (27.1)		17 (26.8)					2 (26.7)															95 / 99
32.2 / 34.4			34 (26.4)	60 (26.9)	10 (26.0)		104 (26.3)				22 (26.4)	39 (26.8)	4 (26.2)				65 (26.5)			10 (26.6)	25 (26.8)			34 (26.7)			90 / 94
29.4 / 31.7	1 (25.5)	4 (25.7)	72 (25.9)	48 (26.6)	71 (26.0)	14 (25.6)	210 (25.8)			2 (24.9)	66 (25.9)	65 (26.3)	61 (26.3)	9 (26.1)			203 (25.9)			71 (25.7)	74 (26.1)	37 (25.6)		182 (25.8)			85 / 89
26.7 / 28.9	89 (24.7)	75 (24.7)	14 (25.7)	1 (26.3)	37 (25.3)	99 (25.0)	315 (25.3)		51 (24.7)	49 (24.6)	29 (25.2)	17 (25.4)	51 (24.9)	97 (25.0)			284 (25.0)		48 (24.2)	52 (24.4)	35 (24.9)	17 (25.3)	61 (25.0)	74 (24.6)	287 (24.7)		80 / 84
23.9 / 26.1	34 (24.5)	45 (24.4)	2 (24.9)		5 (24.7)	11 (24.7)	97 (24.6)		73 (24.3)	73 (24.1)	7 (24.8)	1 (24.8)	8 (24.2)	28 (24.3)			190 (24.4)		72 (24.3)	68 (24.2)	4 (25.0)	4 (24.8)	22 (24.4)	46 (24.5)	218 (24.5)		75 / 79
21.1 / 23.3																											70 / 74
18.3 / 20.6																											65 / 69
15.6 / 17.8																											60 / 64
12.8 / 15.0																											55 / 59
10.0 / 12.2																											50 / 54
7.2 / 9.4																											45 / 49
4.4 / 6.7																											40 / 44
1.7 / 3.9																											35 / 39
40.6 / 42.8	October								November								December								105 / 109		
37.8 / 40.0																											100 / 104
35.0 / 37.2																											95 / 99
32.2 / 34.4			2 (26.5)	16 (26.2)			20 (26.4)					3 (23.8)					3 (23.8)					3 (26.1)			3 (26.1)		90 / 94
29.4 / 31.7			56 (25.9)	67 (26.1)	28 (26.0)		151 (26.0)				41 (24.6)	82 (25.1)	14 (25.0)				137 (24.9)			46 (24.6)	74 (24.8)	13 (25.0)		133 (24.8)		85 / 89	
26.7 / 28.9	30 (24.0)	30 (24.5)	51 (25.3)	26 (25.8)	69 (25.3)	61 (24.8)	267 (24.9)		23 (23.5)	23 (23.7)	67 (24.3)	33 (24.7)	76 (24.5)	37 (24.1)			259 (24.1)		10 (24.1)	12 (24.2)	45 (23.0)	35 (21.9)	65 (23.9)	18 (24.5)	165 (23.6)	80 / 84	
23.9 / 26.1	94 (24.1)	92 (24.0)	15 (24.4)	13 (24.6)	27 (24.4)	63 (24.4)	304 (24.3)		93 (22.9)	88 (22.8)	12 (23.6)	2 (25.0)	30 (23.7)	83 (23.3)			308 (23.5)		63 (21.9)	55 (21.8)	31 (19.9)	12 (19.4)	41 (20.6)	84 (21.6)	286 (20.9)	75 / 79	
21.1 / 23.3		1 (22.0)					1 (22.0)		4 (21.0)	9 (21.2)							13 (21.1)		48 (19.9)	48 (19.6)	1 (18.1)		5 (18.4)	22 (19.8)	124 (19.2)	70 / 74	
18.3 / 20.6																			3 (17.8)	8 (17.9)					11 (17.8)	65 / 69	
15.6 / 17.8																											60 / 64
12.8 / 15.0																											55 / 59
10.0 / 12.2																											50 / 54
7.2 / 9.4																											45 / 49
4.4 / 6.7																											40 / 44
1.7 / 3.9																											35 / 39

NOTE : MCWB = Mean coincident wet-bulb temperature (number in parentheses) °C

Temperature (Celsius deg.) C = (deg.F-32) \* 5 / 9

สถาบันวิทยบริการ  
จุฬาลงกรณ์มหาวิทยาลัย

ตารางแสดงผลข้อมูลปริมาณองศาชั่วโมง การทำความร้อนและการทำความเย็น (degree hours and hours of occurrence)

<b>DEGREE HOURS &amp; HOURS OF OCCURRENCE</b>								<b>Station :PRACHUAP KHIRI KHAN</b>			
								<b>YEARS : 1981 - 1998 (2524-2541)</b>			
TEMPERATURE		MEAN TEMP.DEGREE (°F)	NO. OF HOURS BELOW TEMPERATURE	NO. OF DEGREE HOURS OF HEATING BELOW TEMPERATURE		NO. OF HOURS ABOVE TEMPERATURE	NO. OF DEGREE HOURS OF COOLING ABOVE TEMPERATURE				
Degree		HOURS OF OCCURRENCE		°F	°C		°F	°C			
°F	°C										
35	1.7	(37.5)	-	-	-	8,760.00	408,840.00	228,908.20			
36	2.2		-	-	-	8,760.00	400,080.00	222,044.40			
37	2.8	0	-	-	-	8,760.00	391,320.00	217,182.60			
38	3.3		-	-	-	8,760.00	382,560.00	212,320.80			
39	3.9		-	-	-	8,760.00	373,800.00	207,459.00			
40	4.4	(42.5)	-	-	-	8,760.00	365,040.00	202,597.20			
41	5.0		-	-	-	8,760.00	356,280.00	197,735.40			
42	5.6	0	-	-	-	8,760.00	347,520.00	192,873.60			
43	6.1		-	-	-	8,760.00	338,760.00	188,011.80			
44	6.7		-	-	-	8,760.00	330,000.00	183,150.00			
45	7.2	(47.5)	-	-	-	8,760.00	321,240.00	178,288.20			
46	7.8		-	-	-	8,760.00	312,480.00	173,426.40			
47	8.3	0	-	-	-	8,760.00	303,720.00	168,564.60			
48	8.9		-	-	-	8,760.00	294,960.00	163,702.80			
49	9.4		-	-	-	8,760.00	286,200.00	158,841.00			
50	10.0	52.5	-	-	-	8,760.00	277,440.00	153,979.20			
51	10.6		-	-	-	8,760.00	268,680.00	149,117.40			
52	11.1	0	-	-	-	8,760.00	259,920.00	144,255.60			
53	11.7		-	-	-	8,760.00	251,160.00	139,393.80			
54	12.2		-	-	-	8,760.00	242,400.00	134,532.00			
55	12.8	(57.5)	-	-	-	8,760.00	233,640.00	129,670.20			
56	13.3		-	-	-	8,760.00	224,880.00	124,808.40			
57	13.9	0	-	-	-	8,760.00	216,120.00	119,946.60			
58	14.4		-	-	-	8,760.00	207,360.00	115,084.80			
59	15.0		-	-	-	8,760.00	198,600.00	110,223.00			
60	15.6	(62.5)	-	-	-	8,760.00	189,840.00	105,361.20			
61	16.1		-	-	-	8,760.00	181,080.00	100,499.40			
62	16.7	0	-	-	-	8,760.00	172,320.00	95,637.60			
63	17.2		-	-	-	8,760.00	163,560.00	90,775.80			
64	17.8		-	-	-	8,760.00	154,800.00	85,914.00			
65	18.3	(67.5)	15.00	-	-	8,760.00	146,040.00	81,052.20			
66	18.9		30.00	37.80	20.81	8,745.00	137,280.00	76,190.40			
67	19.4	75	45.00	75.00	41.63	8,730.00	128,520.00	71,328.60			
68	20.0		60.00	112.50	62.44	8,715.00	119,760.00	66,466.80			
69	20.6		75.00	150.00	83.25	8,700.00	111,000.00	61,605.00			



DEGREE HOURS & HOURS OF OCCURRENCE										Station :PRACHUAP KHIRI KHAN	
										YEARS : 1981 - 1998 (2524-2541)	
TEMPERATURE		MEAN TEMP.DEGREE (°F)	NO. OF HOURS BELOW TEMPERATURE	NO. OF DEGREE HOURS OF HEATING BELOW TEMPERATURE		NO. OF HOURS ABOVE TEMPERATURE	NO. OF DEGREE HOURS OF COOLING ABOVE TEMPERATURE				
Degree		HOURS OF OCCURRENCE		°F	°C		°F	°C			
°F	°C										
70	21.1	(72.5)	245.40	187.50	104.06	8,685.00	102,427.50	66,847.26			
71	21.7		415.80	688.50	382.12	8,514.60	94,168.50	52,263.52			
72	22.2	852	586.20	1,189.50	660.17	8,344.20	85,909.50	47,679.77			
73	22.8		756.80	1,690.50	938.23	8,173.80	77,650.50	43,096.03			
74	23.3		927.00	2,191.50	1,216.28	8,003.40	69,391.50	38,512.28			
75	23.9	(77.5)	1,421.40	2,692.50	1,494.34	7,833.00	61,132.50	33,928.54			
76	24.4		1,915.80	4,855.50	2,694.80	7,338.60	54,535.50	30,267.20			
77	25.0	2472	2,410.20	7,018.50	3,895.27	6,844.20	47,938.50	26,605.87			
78	25.6		2,904.60	9,181.50	5,095.73	6,349.80	41,341.50	22,944.53			
79	26.1		3,399.00	11,344.50	6,296.20	5,855.40	34,744.50	19,283.20			
80	26.7	(82.5)	3,834.20	13,507.50	7,496.66	5,361.00	28,147.50	15,621.86			
81	27.2		4,469.40	18,244.50	10,125.70	4,825.80	24,124.50	13,389.10			
82	27.8	2676	5,004.60	22,981.50	12,754.73	4,290.60	20,101.50	11,156.33			
83	28.3		5,539.80	27,718.50	15,383.77	3,755.40	16,078.50	8,923.57			
84	28.9		6,075.00	32,455.50	18,012.80	3,220.20	12,055.50	6,690.80			
85	29.4	(87.5)	6,559.20	37,192.50	20,641.84	2,685.00	8,032.50	4,458.04			
86	30.0		7,043.40	44,478.00	24,685.29	2,200.80	6,558.00	3,639.69			
87	30.6	2421	7,527.60	51,763.50	28,728.74	1,716.60	5,083.50	2,821.34			
88	31.1		8,011.80	59,049.00	32,772.20	1,232.40	3,609.00	2,003.00			
89	31.7		8,496.00	66,334.50	36,815.65	748.20	2,134.50	1,184.66			
90	32.2	(92.5)	8,548.80	73,620.00	40,859.10	264.00	660.00	366.30			
91	32.8		8,601.60	82,248.00	45,647.64	211.20	528.00	293.04			
92	33.3	264	8,654.40	90,876.00	50,436.18	158.40	396.00	219.78			
93	33.9		8,707.20	99,504.00	55,224.72	105.60	264.00	146.52			
94	34.4		8,760.00	108,132.00	60,013.26	52.80	132.00	73.26			
95	35.0	(97.5)	8,760.00	116,760.00	64,801.80	-	-	-			
96	35.6		8,760.00	125,520.00	69,663.60	-	-	-			
97	36.1	0	8,760.00	134,280.00	74,525.40	-	-	-			
98	36.7		8,760.00	143,040.00	79,387.20	-	-	-			
99	37.2		8,760.00	151,800.00	84,249.00	-	-	-			