ข้อมูลอากาศประเทศไทยสำหรับงานอนุรักษ์พลังงาน
จังหวัด หนองคาย

โดย
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สิงหาคม 2543

เล่ม

13

สารบัญ

หน้า

ตารางสรุปรวมผลของข้อมูลทุกประเภทจังหวัดหนองคาย

CLIMATOLOGICAL DATA FOR THE PERIOD 1981-1998 — station : NONG KHAI

Elevation of station above MSL 174 Meters — Latitude: 17 52 N — Longitude: 102 43 E

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
TEMPERATURE (° C)													
Averages													
Daily Maximum	28.2	30.9	33.6	34.9	32.7	31.4	30.7	30.5	30.7	30.2	29.3	27.3	30.9
Monthly Mean	22.3	24.7	27.5	29.4	28.7	28.1	27.7	27.5	27.4	26.4	24.5	21.6	26.3
Daily Minimum	17.0	19.2	22.2	25.0	25.5	25.6	25.3	25.1	24.8	23.4	20.3	16.4	22.5
Dry bulb Standard Diviation	4.8	4.9	5.2	4.6	3.6	2.9	2.7	2.6	2.7	3.1	4.0	4.8	3.8
Extremes													
Highest	36.5	37.2	40.2	41.4	41.8	38.1	36.0	35.1	34.7	35.2	33.5	34.5	41.8
Lowest	8.4	10.1	10.8	18.1	21.8	22.0	21.4	22.2	21.1	14.6	9.0	8.5	8.4
Monthly Dew Point	15.8	17.3	19.2	21.9	24.0	24.6	24.6	24.6	24.1	22.1	18.6	15.1	21.0
Dew Point Standard Diviation	3.0	3.0	2.9	1.9	1.3	0.9	0.9	0.9	1.3	2.5	3.3	3.5	2.1
Monthly Wet bulb Temperature	18.4	20.0	22.1	24.3	25.4	25.7	25.5	25.5	25.1	23.5	20.7	17.7	22.8
DEGREE DAY BASE 18.3° C													
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	124.1	183.9	284.9	333.4	320.8	293.3	289.4	283.1	273.3	250.2	183.7	101.5	2,921.6
RELATIVE HUMIDITY (%)													
Averages													
Monthly Mean	69.2	66.3	63.6	66.8	77.6	82.6	84.3	85.4	83.3	78.7	71.9	69.1	74.9
Hour 01:00-06:00	83.7	80.6	77.2	80.2	88.8	92.0	92.9	93.6	93.1	90.1	85.4	83.8	86.8
Hour 07:00-12:00	76.0	74.5	71.3	72.6	80.7	85.4	86.9	88.3	86.4	81.1	75.9	75.0	79.5
Hour 13:00-18:00	47.4	45.2	44.1	48.4	62.0	69.3	71.6	72.7	68.1	61.4	51.8	46.6	57.4
Hour 19:00-24:00	69.7	64.9	61.9	65.9	78.7	83.9	85.6	87.0	85.6	82.1	74.7	71.0	75.9
WIND													
Average Speed (m/s)	0.6	0.6	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.6	0.6	0.6	0.6
Prevailing wind	E, NE	E	E	E	E	W, SW	W, SW	W	E	NE	NE	NE	E
Maximum Speed (m/s)	6.2	7.2	7.7	18.0	8.2	20.6	9.3	10.3	7.2	16.4	5.7	5.1	20.6
SKY COVER (0-10)													
Average Sky Condition	2.9	3	3.3	4.6	6.8	8.2	8.5	8.7	7.1	5.4	4.1	2.6	5.4
Percentage of Sky cover													
Clear sky (0-3)	65	63	61	43	19	7	6	5	16	36	51	69	37
Partly Cloudy sky (4-7)	18	18	17	26	28	21	16	16	25	25	22	17	21
Cloudy sky (8-10)	18	19	22	31	52	72	78	79	58	40	26	14	42
SUNSHINE DURATION* (hours)													
Average Monthly total	-	-	-	-	-	-	-	-	-	-	-	-	-
Percentage of Sunshine	-	-	-	-	-	-	-	-	-	-	-	-	-
SOLAR RADIATION* (W/m²)													
Average Hourly max	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Hourly mean	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Daily Total	-	-	-	-	-	-	-	-	-	-	-	-	-
RAINFALL (mm)													
Average Monthly total	8.8	15.0	32.6	66.2	215.3	249.7	255.7	318.2	240.3	104.9	17.4	5.4	1,529.5
Daily record high	43.3	28.6	69.2	98.5	144.5	104.0	137.3	116.8	92.4	71.1	90.8	41.5	144.5
Average Number of rainy days	1	3	4	8	16	19	21	23	17	9	2	1	124
(0.1 mm. Or more)													
EVAPORATION (mm)													
Average Monthly total	111.4	120.7	154.4	166.5	147.5	112.8	106.8	102.4	112.4	115.3	111.3	105.1	1,466.6

remark: 1 m/s = 3.597 km/h, = 2.237 mph, = 196.85 fpm, = 1.9455 knots — (*) data base on 1997 - 1998 recorded period

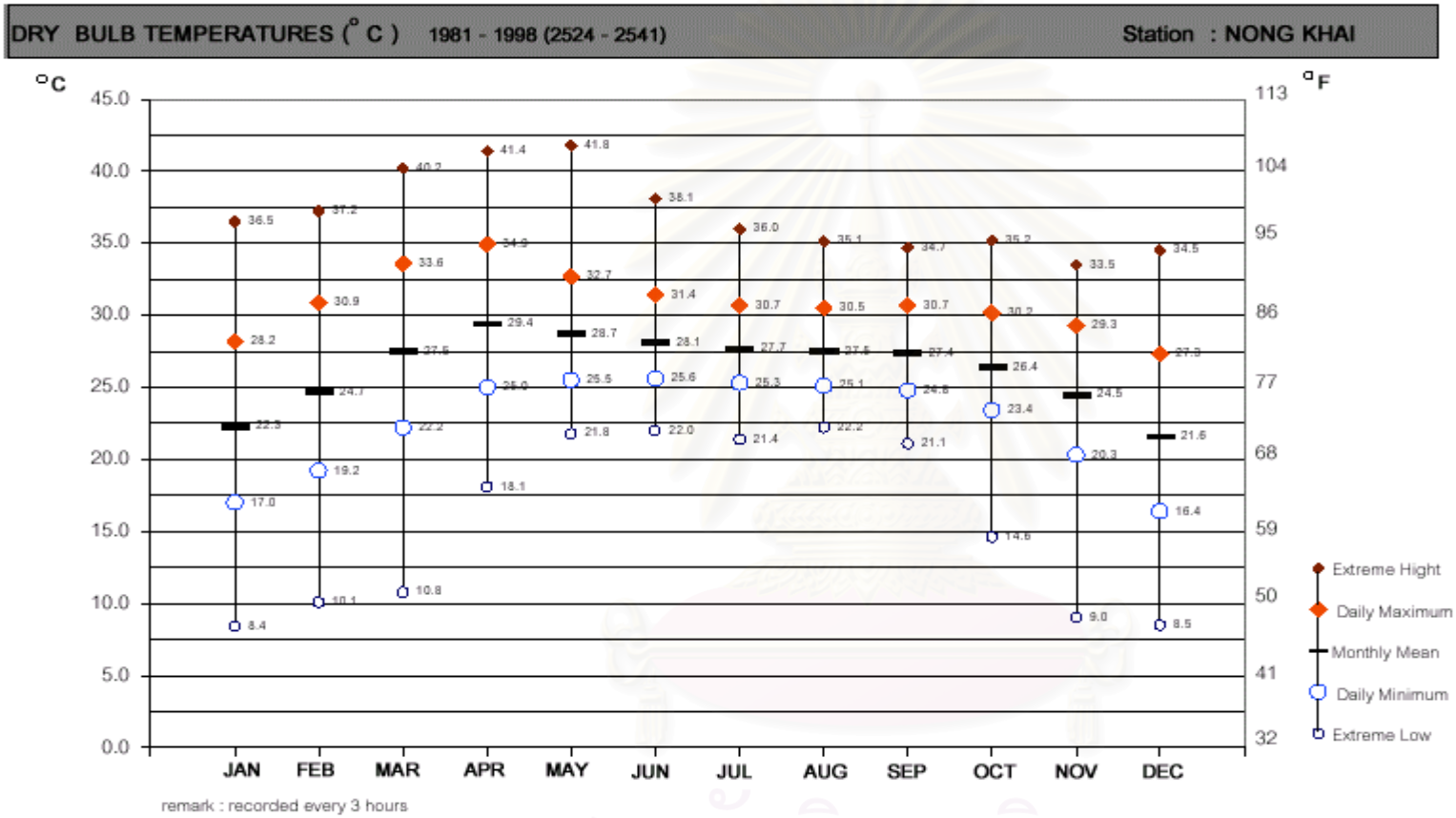
1 W/m2 = 0.317 Btu/h.ft2 — (-) missing value or no data report

ตารางแสดงผลข้อมูลอุณหภูมิกระเปาะแห้ง (dry bulb temperatures)

DRY BULB TEMPERATURES (°C) 1981 - 1998 (2524 - 2541) — **Station : NONG KHAI**

MONTH	JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			ANNUAL		
DAY	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max
1	16.4	21.7	27.6	17.4	23.1	29.2	20.8	25.9	31.6	23.8	29.0	35.3	25.5	29.6	35.0	25.8	28.6	32.7	25.7	27.9	31.0	25.1	27.2	30.1	24.7	27.0	30.1	24.5	27.3	30.7	20.8	25.0	29.8	17.8	22.2	27.4	22.4	26.2	30.9
2	16.5	22.1	28.1	17.3	23.3	29.5	20.0	25.3	31.2	24.4	29.6	35.8	25.8	30.2	35.4	25.7	28.1	31.5	25.3	28.1	31.7	24.9	27.4	30.4	24.9	27.4	30.6	24.2	26.8	30.2	21.4	25.1	29.9	17.1	21.8	27.1	22.3	26.3	30.9
3	17.4	22.4	28.1	17.9	23.6	29.8	20.0	25.1	31.2	24.9	29.5	34.9	26.0	29.7	34.4	25.2	27.9	31.2	25.5	27.7	30.4	25.5	27.9	30.9	24.9	27.2	30.0	24.3	27.0	30.3	21.2	25.2	30.0	17.1	21.9	27.2	22.5	26.3	30.7
4	17.9	22.6	28.0	18.2	23.6	29.5	19.9	25.3	31.4	24.5	29.0	34.2	25.8	29.3	34.1	25.8	28.4	31.5	25.2	27.6	30.3	25.1	27.3	30.1	24.8	27.3	30.4	24.4	26.9	30.1	21.3	24.9	29.1	17.5	22.6	28.1	22.5	26.2	30.6
5	17.6	22.3	27.8	18.3	23.5	29.2	20.5	24.7	29.2	24.2	29.1	34.8	25.1	28.6	32.8	25.0	27.9	31.6	25.1	27.4	30.5	25.1	27.4	30.4	24.6	27.5	31.3	24.1	26.4	29.4	21.1	25.0	29.7	17.9	22.7	28.1	22.4	26.0	30.4
6	16.5	21.9	27.4	18.1	23.6	29.8	19.9	24.9	30.7	24.9	29.7	35.7	25.6	29.3	34.0	25.4	27.8	30.9	25.4	27.5	30.2	25.1	27.6	30.8	25.1	27.4	30.5	24.0	26.6	29.8	21.0	25.2	30.2	17.7	22.4	27.7	22.4	26.2	30.6
7	17.1	22.0	27.7	18.2	23.6	29.8	20.5	25.8	31.8	24.6	30.0	36.4	25.9	29.3	33.9	25.0	27.6	30.9	25.4	27.8	31.2	25.3	27.6	30.7	24.5	27.1	30.3	24.0	26.9	30.6	21.3	25.5	30.4	17.0	21.7	27.5	22.4	26.2	30.9
8	16.3	21.8	27.7	18.1	23.8	30.3	20.7	26.2	32.7	24.5	29.1	34.4	25.7	29.4	33.8	25.3	28.0	31.3	25.5	27.9	31.3	25.4	27.6	30.6	25.0	27.1	30.0	24.1	26.9	30.2	21.3	25.1	29.6	16.2	21.3	27.2	22.3	26.2	30.8
9	15.9	21.6	27.8	18.9	24.2	30.3	21.2	26.9	33.5	24.5	29.4	35.5	25.9	28.7	32.7	25.6	27.9	31.1	25.6	27.8	30.8	25.0	27.5	31.0	25.0	27.2	30.2	24.2	26.8	30.1	21.0	24.4	28.5	16.3	21.6	27.6	22.4	26.2	30.8
10	16.3	22.1	28.4	19.1	24.4	30.4	21.7	27.3	33.9	24.6	29.8	35.9	25.4	28.9	33.2	25.3	28.2	31.6	25.1	27.6	30.8	25.1	27.4	30.0	24.9	27.5	30.7	24.2	27.1	30.7	20.5	24.3	28.6	16.7	21.7	27.6	22.4	26.4	31.0
11	16.3	22.2	28.5	19.5	24.3	29.5	22.1	27.8	34.5	25.3	30.4	36.5	25.4	28.5	32.4	25.6	27.8	30.9	25.4	27.8	31.2	25.0	27.4	30.3	24.7	27.5	30.9	24.0	26.8	30.3	20.0	24.2	28.9	16.9	21.9	27.7	22.5	26.4	31.0
12	16.9	22.5	28.7	19.1	24.6	30.8	22.3	27.9	34.1	25.4	29.7	35.3	25.3	29.0	33.5	25.4	27.9	31.2	25.1	27.6	30.7	25.0	27.5	30.8	25.0	27.7	31.2	23.9	26.8	30.5	20.5	24.7	29.8	16.9	21.9	27.5	22.6	26.5	31.2
13	17.1	22.6	28.6	19.6	25.1	31.3	22.9	28.1	33.7	24.9	29.1	34.0	25.8	28.7	32.4	25.4	27.7	30.7	25.2	27.7	30.6	25.6	27.8	30.5	25.3	27.8	31.0	24.1	26.9	30.8	20.8	24.8	29.5	16.4	22.0	28.0	22.8	26.5	30.9
14	16.9	22.3	28.1	19.7	25.4	32.0	22.2	27.9	34.2	24.8	29.3	34.7	25.3	28.0	32.2	25.6	28.0	31.6	25.1	27.1	29.5	25.5	27.6	30.4	25.4	27.8	31.0	23.9	26.8	30.4	21.1	24.9	29.5	16.8	22.1	28.0	22.7	26.4	31.0
15	16.5	22.2	28.4	19.5	25.3	32.2	22.1	27.9	34.0	24.8	29.2	35.0	25.2	28.5	32.8	25.2	28.2	31.8	25.2	27.1	29.5	25.0	27.3	30.3	25.1	27.7	31.0	23.7	26.7	30.3	21.0	24.8	29.2	17.0	22.0	27.5	22.5	26.4	31.0
16	16.9	22.2	28.1	19.4	25.2	32.1	22.5	28.5	35.3	25.1	29.5	35.0	25.4	28.1	32.1	26.0	28.7	32.2	24.7	27.2	30.4	25.0	27.4	31.0	24.9	27.7	31.1	24.0	26.7	30.0	20.9	25.1	30.0	16.6	21.7	27.4	22.6	26.5	31.2
17	16.4	22.1	28.1	19.6	25.6	32.7	22.4	28.6	35.2	25.2	29.7	35.0	25.1	28.3	32.4	25.9	28.5	31.5	25.2	27.8	31.3	25.1	27.4	30.8	24.8	27.6	31.1	24.1	26.7	30.2	21.2	24.8	29.3	16.0	21.6	27.5	22.6	26.6	31.3
18	17.1	22.6	28.7	20.0	25.7	32.2	22.2	28.2	35.0	25.5	29.8	35.3	25.6	28.2	32.2	25.6	28.3	32.1	25.2	27.6	31.0	25.1	27.5	31.0	24.8	27.5	30.8	23.7	26.6	30.4	20.9	24.7	29.2	16.5	21.8	27.4	22.7	26.5	31.3
19	17.3	22.8	28.7	19.5	25.2	31.5	22.7	28.4	35.0	25.9	30.3	36.2	25.0	28.2	31.6	25.8	28.1	31.5	25.5	28.0	31.3	24.9	27.5	31.1	24.8	27.5	30.8	23.8	26.7	30.4	20.0	24.4	29.6	16.5	21.8	27.5	22.6	26.6	31.3
20	17.8	22.9	28.6	19.5	25.2	31.8	22.8	28.8	35.6	25.1	29.1	33.9	25.4	28.6	32.4	25.8	28.3	31.6	25.7	28.1	31.0	25.1	27.4	30.3	25.1	27.2	30.0	23.4	26.4	30.1	19.8	24.3	29.5	16.1	21.6	27.3	22.6	26.5	31.0
21	17.3	22.7	28.7	19.3	25.0	31.3	23.4	28.9	35.2	25.3	29.3	34.2	25.7	29.1	33.2	26.1	28.8	31.7	25.3	27.9	30.7	25.2	27.6	30.9	24.6	27.3	30.7	23.0	26.3	30.4	19.5	23.9	29.0	16.4	21.8	27.5	22.6	26.5	31.1
22	17.6	22.7	28.7	19.2	24.6	30.8	23.2	28.9	35.4	24.8	29.1	34.1	25.9	29.2	33.2	26.3	28.9	32.2	25.7	27.8	30.6	25.3	28.0	31.5	24.6	27.4	30.9	22.8	26.0	30.1	19.6	24.1	29.2	15.9	21.4	27.1	22.6	26.5	31.1
23	17.4	22.8	28.8	19.4	25.2	31.6	23.2	28.5	34.5	25.4	29.6	34.5	25.9	29.0	32.6	26.0	28.3	31.4	25.1	27.5	30.4	25.1	27.2	29.8	24.8	27.3	30.8	22.8	26.1	30.1	19.4	24.3	29.6	15.7	21.0	26.7	22.5	26.4	30.9
24	17.8	22.5	28.1	20.3	25.4	31.2	23.4	28.8	34.6	26.0	29.7	34.9	25.6	28.7	32.5	25.8	28.2	31.3	25.2	27.4	30.1	24.8	26.8	29.6	24.7	27.5	30.8	22.4	26.0	30.1	19.5	23.9	29.2	14.8	20.3	26.3	22.5	26.3	30.7
25	17.6	22.3	27.7	20.5	25.7	31.4	23.9	28.8	34.4	24.7	29.1	34.2	25.6	28.2	31.5	25.8	28.3	31.6	25.4	27.7	31.0	24.8	27.1	30.1	24.5	27.5	31.2	22.3	25.7	29.8	18.8	23.4	28.6	15.3	20.7	26.6	22.4	26.2	30.7
26	17.5	22.3	27.6	20.8	25.3	30.3	23.3	28.5	34.5	25.4	29.5	34.6	25.8	28.4	31.7	25.7	28.1	31.6	25.2	27.8	31.1	25.1	27.3	30.2	24.8	27.5	30.6	22.0	25.6	29.9	19.1	23.7	28.9	15.3	21.1	27.2	22.5	26.2	30.7
27	17.1	21.8	27.1	20.6	25.5	31.3	23.5	28.0	33.1	24.8	28.8	34.0	25.3	27.6	30.6	25.7	27.9	30.4	25.6	27.9	31.1	25.0	27.6	30.9	25.0	27.8	31.1	22.0	25.5	30.1	19.7	23.8	28.7	15.7	21.4	27.3	22.5	26.1	30.5
28	16.6	21.8	27.4	20.4	25.5	31.6	23.2	28.1	33.9	25.0	29.4	34.4	24.9	27.4	31.0	25.3	27.4	30.4	25.5	27.8	30.9	25.3	28.0	31.5	24.9	27.7	30.9	21.7	25.4	30.1	19.8	23.8	28.8	15.9	20.9	26.7	22.4	26.1	30.6
29	16.4	22.1	28.3	19.6	25.1	31.3	23.6	28.3	33.8	26.0	29.5	34.4	24.9	27.6	31.0	25.3	27.7	31.1	25.4	27.5	30.3	25.7	27.9	31.0	24.7	27.5	31.0	22.1	25.5	29.6	18.8	23.3	28.6	15.7	20.6	26.2	22.4	26.1	30.5
30	17.1	22.9	29.4				23.8	28.7	34.2	25.5	29.3	34.2	25.4	28.2	31.8	25.5	27.8	30.7	25.3	27.7	30.7	24.8	26.9	29.6	24.4	27.4	30.8	21.6	25.5	30.3	18.5	22.9	28.2	15.7	21.0	27.0	22.5	26.2	30.6
31	17.2	23.3	29.8				23.8	28.4	33.7				25.7	28.6	32.2				25.0	27.0	29.5	25.4	27.3	30.0				21.5	25.1	29.7				16.3	21.6	27.6	22.1	25.9	30.4
Average	17.0	22.3	28.2	19.2	24.7	30.9	22.2	27.5	33.6	25.0	29.4	34.9	25.5	28.7	32.7	25.6	28.1	31.4	25.3	27.7	30.7	25.1	27.5	30.5	24.8	27.4	30.7	23.4	26.4	30.2	20.3	24.5	29.3	16.4	21.6	27.3	22.5	26.3	30.9
Extremes	8.4		36.5	10.1		37.2	10.8		40.2	18.1		41.4	21.8		41.8	22.0		38.1	21.4		36.0	22.2		35.1	21.1		34.7	14.6		35.2	9.0		33.5	8.5		34.5	8.4		41.8
StdD.	4.8			4.9			5.2			4.6			3.6			2.9			2.7			2.6			2.7			3.1			4.0			4.8			3.8		

แผนภูมิอุณหภูมิกระเปาะแห้ง (dry bulb temperatures)

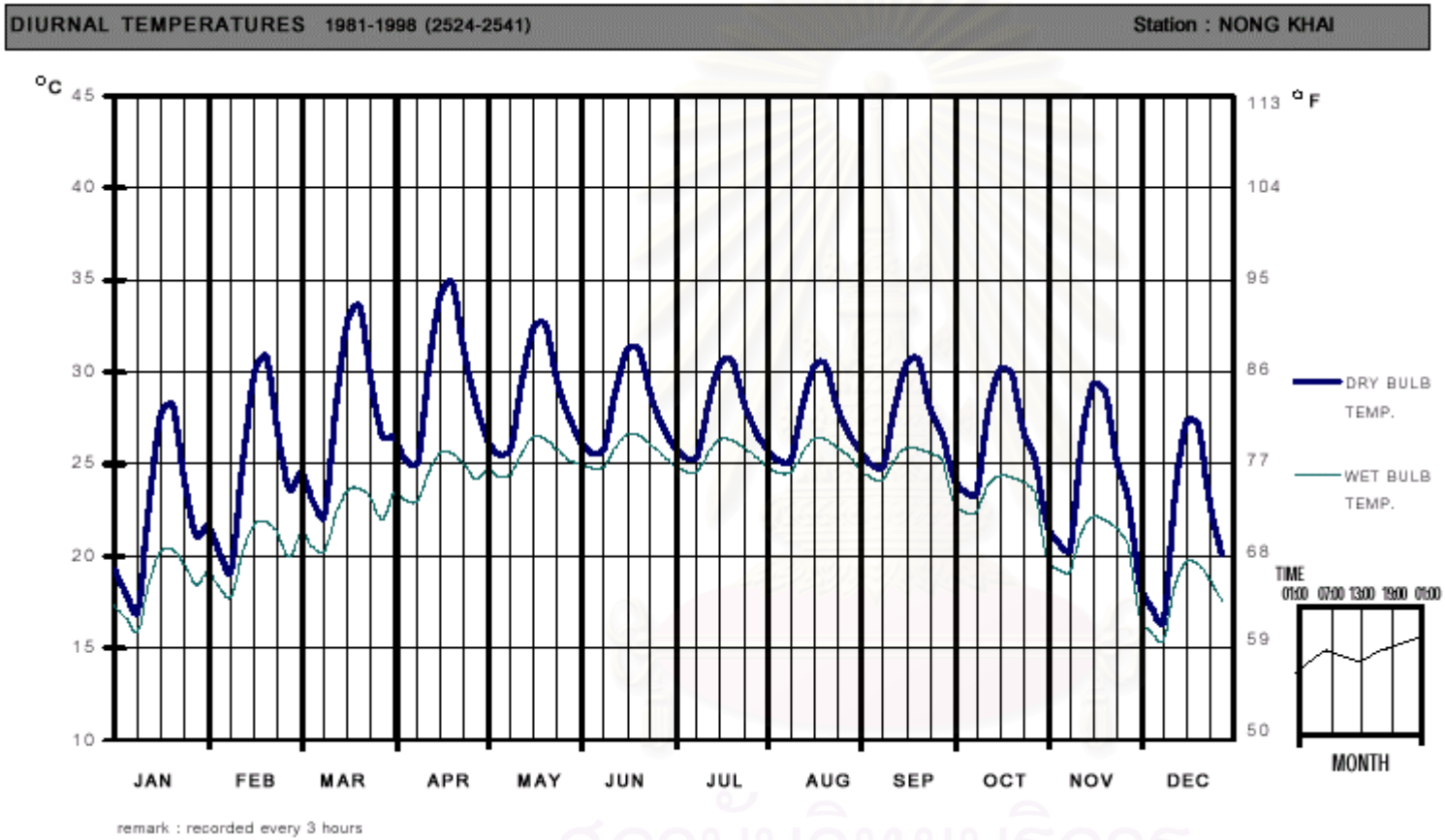


ตารางแสดงผลข้อมูลอุณหภูมิกระเปาะเปียก (wet bulb temperatures)

WET BULB TEMPERATURES (°C) 1981 - 1998 (2524 - 2541) **Station : NONG KHAI**

MONTH	JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			ANNUAL		
DAY	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max
1	15.5	18.1	20.3	15.9	18.4	20.6	18.7	20.6	22.2	21.7	23.4	24.9	23.8	25.2	26.5	24.8	25.8	27.0	24.9	25.6	26.5	24.5	25.3	26.3	24.3	25.3	26.2	23.6	24.6	25.4	19.8	21.3	22.6	16.3	18.2	20.0	21.2	22.7	24.0
2	15.8	18.4	20.6	15.9	18.5	20.5	18.0	20.0	21.8	22.4	23.7	25.1	24.1	25.4	26.7	24.8	25.6	26.8	24.5	25.5	26.5	24.5	25.4	26.4	24.4	25.5	26.4	23.2	24.3	25.0	19.7	21.3	22.8	16.0	18.0	19.7	21.1	22.6	24.0
3	16.6	18.9	20.9	16.4	18.9	21.0	18.0	20.1	22.1	22.2	23.8	25.2	24.4	25.3	26.4	24.5	25.5	26.5	24.7	25.5	26.4	24.8	25.7	26.7	24.4	25.4	26.3	23.3	24.3	25.2	19.7	21.5	22.7	16.1	18.4	20.4	21.3	22.8	24.2
4	17.0	19.2	21.0	16.8	19.1	21.1	18.1	20.3	22.4	22.5	23.8	25.0	24.2	25.2	26.5	25.0	25.8	26.7	24.4	25.4	26.3	24.5	25.4	26.3	24.2	25.3	26.2	23.4	24.3	24.9	20.1	21.4	22.5	16.5	18.8	20.7	21.4	22.8	24.1
5	16.7	18.7	20.6	17.0	19.3	21.2	18.6	20.0	21.3	22.5	23.8	25.0	23.5	24.8	25.7	24.4	25.6	26.9	24.3	25.2	26.1	24.5	25.5	26.4	24.2	25.3	26.6	23.4	24.1	24.7	19.9	21.4	22.8	17.0	18.8	20.6	21.3	22.7	24.0
6	15.6	18.2	20.4	17.0	19.3	21.3	18.0	20.0	21.9	22.9	24.1	25.5	23.7	24.9	26.1	24.8	25.6	26.5	24.6	25.3	26.0	24.5	25.5	26.6	24.5	25.4	26.4	23.2	24.1	24.8	19.9	21.6	22.9	16.3	18.2	19.9	21.2	22.7	24.0
7	16.2	18.2	20.1	17.1	19.2	21.1	18.6	20.6	22.4	22.5	23.8	25.2	24.0	25.0	26.3	24.2	25.4	26.5	24.8	25.6	26.5	24.6	25.4	26.5	23.9	25.1	26.1	22.9	24.1	25.1	20.2	21.7	23.2	15.7	17.8	19.7	21.2	22.7	24.1
8	15.4	17.7	19.7	16.9	19.3	21.5	19.0	21.0	22.9	22.3	23.6	24.8	24.1	25.2	26.4	24.5	25.6	26.7	24.6	25.5	26.5	24.5	25.4	26.4	24.4	25.3	26.1	23.1	24.2	25.0	20.0	21.5	22.6	15.3	17.5	19.4	21.2	22.6	24.0
9	14.9	17.7	19.9	17.5	19.8	21.8	19.4	21.4	23.2	22.4	23.7	25.1	24.2	25.0	26.3	24.7	25.6	26.5	24.8	25.6	26.5	24.3	25.4	26.6	24.4	25.3	26.2	23.3	24.2	25.0	19.6	20.9	22.1	15.2	17.5	19.5	21.2	22.7	24.1
10	15.5	18.1	20.2	18.0	20.0	21.7	19.7	21.7	23.6	22.4	24.1	25.5	24.0	25.2	26.3	24.5	25.6	26.5	24.4	25.5	26.4	24.5	25.4	26.1	24.3	25.4	26.2	23.1	24.2	25.1	19.0	20.5	21.7	15.7	17.8	20.0	21.3	22.8	24.1
11	15.4	18.3	20.4	17.9	20.0	21.6	20.5	22.4	24.2	23.0	24.4	25.8	24.2	25.3	26.5	24.7	25.6	26.5	24.6	25.6	26.7	24.3	25.4	26.3	24.0	25.2	26.0	22.9	24.1	24.9	19.0	20.6	22.0	15.8	18.0	20.0	21.4	22.9	24.2
12	15.9	18.7	20.7	17.8	20.1	22.0	20.5	22.4	24.0	23.0	24.1	25.5	24.1	25.5	26.7	24.6	25.6	26.7	24.3	25.4	26.5	24.4	25.4	26.3	24.4	25.4	26.2	23.0	24.1	25.1	19.5	21.1	22.3	15.7	18.0	20.0	21.4	23.0	24.3
13	16.2	18.7	20.7	18.4	20.6	22.5	21.1	22.7	24.2	22.9	24.1	25.3	24.5	25.5	26.6	24.7	25.5	26.5	24.3	25.5	26.4	24.7	25.6	26.3	24.5	25.5	26.3	23.1	24.1	25.0	19.9	21.3	22.4	15.7	18.2	20.3	21.7	23.1	24.4
14	15.7	18.3	20.3	18.4	20.7	22.5	20.6	22.5	24.1	22.8	24.2	25.5	24.4	25.2	26.4	24.9	25.7	26.9	24.6	25.4	26.1	24.8	25.5	26.4	24.6	25.5	26.2	23.2	24.0	24.9	20.0	21.3	22.5	15.8	18.2	20.5	21.6	23.1	24.4
15	15.6	18.3	20.2	18.2	20.6	22.3	20.4	22.4	24.0	22.8	24.0	25.4	24.3	25.3	26.4	24.6	25.7	26.9	24.6	25.3	26.2	24.4	25.4	26.4	24.5	25.4	26.3	22.7	23.9	24.9	19.8	21.3	22.5	15.9	18.1	20.1	21.5	23.0	24.3
16	15.7	18.2	20.1	18.2	20.6	22.5	20.6	22.5	24.2	22.7	24.2	25.5	24.3	25.3	26.5	25.1	26.0	26.9	24.2	25.3	26.4	24.5	25.5	26.8	24.0	25.1	26.1	23.2	24.3	25.1	20.0	21.5	22.9	15.5	17.8	19.7	21.5	23.0	24.4
17	15.4	18.2	20.2	18.3	20.7	22.5	20.6	22.3	24.0	23.0	24.6	26.1	24.2	25.3	26.5	24.7	25.6	26.7	24.5	25.6	26.6	24.5	25.5	26.7	24.1	25.2	26.0	23.3	24.3	25.2	20.1	21.5	22.9	15.1	17.7	19.7	21.5	23.0	24.4
18	16.2	18.7	20.7	18.5	20.6	22.4	20.0	22.0	23.8	23.4	24.7	26.0	24.4	25.3	26.4	24.7	25.7	26.7	24.6	25.6	26.5	24.5	25.5	26.5	24.2	25.1	25.9	22.9	24.0	24.8	19.6	21.0	22.3	15.5	17.9	19.8	21.5	23.0	24.3
19	16.2	18.8	20.8	18.1	20.1	21.9	20.4	22.4	24.4	23.6	24.8	26.2	24.4	25.5	26.6	24.8	25.6	26.5	24.8	25.7	26.8	24.1	25.3	26.5	24.0	25.1	25.8	22.8	23.8	24.5	18.8	20.5	22.2	15.5	17.8	19.7	21.5	23.0	24.3
20	16.4	18.8	20.7	18.1	20.2	22.1	20.9	22.9	24.7	23.0	24.5	25.7	24.7	25.6	26.5	24.9	25.7	26.6	24.9	25.7	26.5	24.4	25.4	26.3	24.3	25.0	25.6	22.2	23.3	24.1	18.6	20.3	21.9	15.0	17.6	19.7	21.4	22.9	24.2
21	16.3	18.8	20.8	17.7	20.0	21.8	21.2	22.9	24.5	23.6	24.8	26.0	24.7	25.7	26.7	25.2	26.0	26.8	24.6	25.5	26.3	24.4	25.5	26.4	23.9	24.8	25.4	21.7	23.1	24.2	18.5	20.4	22.0	15.2	17.6	19.5	21.4	22.9	24.2
22	16.5	18.9	20.9	17.8	19.7	21.4	21.2	23.1	24.7	23.1	24.5	25.9	24.9	25.9	26.8	25.2	26.1	26.9	24.9	25.6	26.5	24.6	25.7	26.8	23.7	24.7	25.5	21.7	22.9	23.6	18.6	20.4	22.0	15.0	17.4	19.4	21.4	22.9	24.2
23	16.3	18.6	20.5	18.0	20.2	22.0	21.2	22.9	24.3	23.1	24.6	25.9	24.9	25.8	26.8	25.1	25.8	26.7	24.3	25.3	26.3	24.3	25.4	26.4	23.8	24.8	25.4	21.6	22.9	23.8	18.6	20.2	21.9	14.8	17.0	18.9	21.3	22.8	24.1
24	16.2	18.4	20.4	18.5	20.5	22.1	21.5	23.2	24.7	23.6	24.8	26.2	24.7	25.6	26.6	24.8	25.7	26.6	24.3	25.3	26.2	24.4	25.2	26.4	23.9	24.9	25.5	21.4	22.7	23.6	18.1	19.8	21.4	13.8	16.4	18.6	21.3	22.7	24.0
25	16.2	18.4	20.3	18.8	20.9	22.6	21.9	23.3	24.8	23.0	24.7	26.2	24.5	25.4	26.5	24.8	25.8	26.7	24.7	25.4	26.5	24.2	25.3	26.1	23.8	24.8	25.5	21.1	22.4	23.4	17.9	19.5	21.0	14.4	17.0	19.1	21.3	22.7	24.1
26	16.1	18.3	20.2	19.2	21.0	22.7	21.3	23.1	24.6	23.7	25.0	26.2	24.5	25.6	26.7	24.9	25.7	26.7	24.5	25.6	26.7	24.5	25.5	26.4	24.0	24.8	25.4	21.0	22.3	23.4	17.7	19.7	21.4	14.6	17.2	19.3	21.3	22.8	24.1
27	15.6	17.9	19.9	19.2	21.1	22.7	21.5	22.9	24.2	23.3	24.6	26.2	24.5	25.5	26.4	24.7	25.5	26.3	24.7	25.6	26.5	24.5	25.5	26.5	24.0	25.0	25.6	21.0	22.0	23.2	18.4	20.0	21.5	14.6	17.4	19.5	21.3	22.8	24.0
28	15.3	17.8	19.8	18.6	20.7	22.6	21.5	23.0	24.4	23.1	24.8	26.3	24.2	25.3	26.6	24.5	25.2	26.2	24.8	25.6	26.5	24.6	25.7	26.9	24.1	25.0	25.5	20.4	22.0	23.2	18.3	19.8	21.3	14.8	17.2	19.2	21.2	22.7	24.0
29	15.5	18.0	20.3	18.3	20.6	22.8	21.5	23.2	24.6	24.1	25.1	26.3	24.3	25.4	26.6	24.5	25.4	26.3	24.6	25.4	26.2	25.0	25.8	26.7	23.7	24.7	25.4	20.8	22.1	23.1	17.5	19.4	21.0	15.0	17.2	19.1	21.2	22.7	24.0
30	15.9	18.5	20.6				21.9	23.5	25.0	23.7	25.0	26.4	24.6	25.6	26.7	24.6	25.5	26.5	24.5	25.5	26.5	24.3	25.2	26.0	23.4	24.5	25.2	20.3	21.7	22.9	17.2	18.9	20.5	14.9	17.5	19.8	21.4	22.9	24.2
31	16.0	18.6	20.6				22.0	23.3	24.6				24.8	25.8	27.0				24.4	25.2	25.9	24.6	25.3	26.2				20.1	21.4	22.6				15.7	18.0	20.1	21.1	22.5	23.8
Average	15.9	18.4	20.4	17.8	20.0	21.9	20.3	22.1	23.7	22.9	24.3	25.6	24.3	25.4	26.5	24.7	25.7	26.6	24.6	25.5	26.4	24.5	25.5	26.4	24.1	25.1	25.9	22.4	23.5	24.4	19.1	20.7	22.1	15.4	17.7	19.7	21.3	22.8	24.2
Extremes	7.2		26.0	9.0		25.7	8.0		29.4	14.5		28.6	19.5		29.5	21.8		28.8	21.4		29.0	21.9		29.3	19.4		28.9	14.0		28.3	7.0		26.7	7.2		26.7	7.0		29.5
StdD.	2.9			2.8			2.6			1.8			1.3			1.1			1.2			1.2			1.2			2.1			2.8			3.1			2.0		

แผนภูมิความแตกต่างระหว่างอุณหภูมิกระเปาะแห้งและอุณหภูมิกระเปาะเปียก (diurnal temperatures)



ตารางแสดงผลข้อมูลอุณหภูมิจุดน้ำค้าง (dew point temperatures)

DEW POINT TEMPERATURES (°C) 1981 - 1998 (2524 - 2541) **Station : NONG KHAI**

MONTH	JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			ANNUAL		
DAY	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	14.9	15.8	16.5	14.9	15.5	16.6	16.8	17.7	18.4	19.8	20.8	21.3	22.9	23.2	23.6	24.4	24.7	25.0	24.4	24.6	24.9	24.2	24.6	24.9	24.0	24.6	25.0	22.9	23.4	23.9	18.8	19.4	20.6	14.6	15.3	16.4	20.2	20.8	21.4
2	15.2	16.1	17.2	14.8	15.4	16.5	16.3	16.9	17.7	19.6	20.9	21.4	22.5	23.4	23.9	24.5	24.6	25.0	24.1	24.5	25.0	24.2	24.6	25.0	24.2	24.7	25.2	22.5	23.1	23.7	18.4	19.3	20.2	14.3	15.1	16.4	20.0	20.7	21.4
3	16.1	16.8	17.4	15.4	16.0	17.0	16.5	17.3	18.3	20.3	21.1	21.7	23.0	23.3	23.6	24.2	24.6	25.1	24.2	24.5	24.9	24.6	24.8	25.2	24.2	24.6	25.2	22.7	23.1	24.0	18.7	19.5	20.6	15.3	16.0	17.4	20.4	21.0	21.7
4	16.4	17.0	17.8	15.8	16.3	17.2	16.8	17.5	18.5	20.7	21.3	21.5	23.1	23.4	23.8	24.5	24.8	25.0	24.1	24.5	24.9	24.3	24.7	25.1	23.9	24.4	24.8	22.5	23.1	23.7	18.6	19.5	20.3	15.7	16.3	17.3	20.5	21.1	21.7
5	15.8	16.4	16.9	16.1	16.8	17.6	16.6	17.4	18.1	20.2	21.2	21.7	22.6	23.0	23.6	24.1	24.7	25.1	23.9	24.3	24.6	24.2	24.7	25.0	23.4	24.3	24.8	22.5	23.1	23.6	18.4	19.5	20.6	15.4	16.3	16.8	20.3	21.0	21.5
6	15.0	15.9	16.9	16.3	16.8	17.3	16.8	17.2	18.3	20.7	21.5	22.0	22.5	22.9	23.5	24.4	24.7	24.9	24.1	24.4	24.8	24.2	24.6	25.1	24.3	24.6	25.0	22.3	23.0	23.8	18.4	19.6	20.4	14.6	15.3	16.0	20.3	20.9	21.5
7	14.6	15.6	16.0	15.9	16.6	17.2	17.3	17.7	18.4	19.7	20.8	21.5	22.9	23.1	23.5	24.0	24.5	24.8	24.3	24.5	24.9	24.2	24.5	24.9	23.6	24.3	24.7	22.5	22.9	23.7	18.8	19.7	20.5	14.1	14.9	15.7	20.2	20.8	21.3
8	14.4	15.0	15.7	16.0	16.7	17.6	17.4	18.1	18.9	20.2	20.9	21.3	22.9	23.3	23.8	24.0	24.7	25.1	24.3	24.5	25.0	24.1	24.4	24.8	24.2	24.5	24.9	22.3	23.0	23.5	18.5	19.3	20.1	13.3	14.7	15.6	20.1	20.8	21.4
9	14.3	15.1	16.2	16.6	17.2	18.1	17.6	18.4	19.0	19.7	20.9	21.4	22.9	23.4	23.6	24.4	24.6	24.8	24.5	24.7	25.0	24.0	24.5	25.1	24.2	24.5	24.8	22.5	23.0	23.6	18.3	18.8	19.5	14.0	14.8	15.9	20.2	20.8	21.4
10	14.9	15.5	16.5	16.6	17.2	17.8	18.0	18.7	19.6	20.4	21.2	21.7	23.3	23.7	24.1	24.1	24.5	25.1	24.1	24.6	25.1	24.3	24.6	25.1	24.0	24.4	24.9	22.3	22.8	23.6	17.4	18.1	19.2	14.4	15.3	16.2	20.3	20.9	21.6
11	14.8	15.6	16.6	16.8	17.3	18.2	18.9	19.6	20.2	20.4	21.4	21.9	23.6	23.9	24.4	24.3	24.6	25.0	24.3	24.7	24.9	24.0	24.5	24.9	23.8	24.2	24.9	22.3	22.7	23.2	17.8	18.5	19.6	14.9	15.5	16.4	20.5	21.1	21.7
12	15.3	16.1	17.2	16.8	17.5	18.5	18.7	19.6	20.6	20.5	21.5	21.9	23.8	24.1	24.7	24.2	24.7	25.1	24.0	24.5	25.0	24.0	24.5	25.0	24.1	24.4	24.9	22.4	22.8	23.8	18.1	19.0	19.9	14.8	15.5	16.5	20.6	21.2	21.9
13	15.5	16.1	16.8	17.6	18.0	18.5	19.3	20.0	20.5	20.9	21.7	22.1	23.7	24.2	24.5	24.4	24.6	24.8	24.1	24.6	25.1	24.4	24.7	25.3	23.9	24.5	25.0	22.4	22.8	23.4	18.5	19.4	20.3	15.1	15.8	16.9	20.8	21.4	21.9
14	14.8	15.6	16.6	17.2	18.0	18.9	18.7	19.8	20.3	21.2	21.8	22.2	23.7	24.0	24.4	24.5	24.7	25.2	24.3	24.7	25.0	24.4	24.7	25.0	24.1	24.5	24.8	22.1	22.7	23.1	18.5	19.3	20.0	15.2	15.7	16.3	20.7	21.3	21.8
15	14.9	15.6	16.6	16.6	17.8	18.4	18.5	19.5	20.1	20.9	21.6	22.0	23.5	24.0	24.4	24.1	24.7	25.0	24.4	24.6	24.8	24.2	24.6	25.0	24.2	24.5	24.8	22.2	22.6	23.2	18.9	19.4	20.3	15.0	15.5	16.2	20.6	21.2	21.7
16	14.8	15.5	16.3	16.9	17.7	18.2	18.4	19.3	19.7	21.2	21.8	22.5	23.9	24.0	24.2	24.7	24.9	25.2	24.0	24.5	25.0	24.3	24.7	25.1	23.5	24.0	24.6	22.6	23.1	23.7	18.7	19.6	20.4	14.5	15.1	16.0	20.6	21.2	21.7
17	14.7	15.5	16.7	16.6	17.6	18.1	17.6	19.0	19.5	21.9	22.2	22.6	23.8	24.1	24.4	24.1	24.5	24.7	24.2	24.6	25.1	24.2	24.7	25.1	23.8	24.1	24.6	22.9	23.2	23.6	19.3	19.7	20.3	14.0	15.0	15.8	20.6	21.2	21.7
18	15.5	16.1	17.0	16.6	17.6	18.1	17.6	18.7	19.5	21.6	22.4	22.7	23.9	24.0	24.4	24.3	24.6	25.3	24.1	24.7	25.2	24.1	24.6	25.2	23.4	24.0	24.6	22.2	22.8	23.5	18.4	18.9	19.7	14.7	15.3	16.2	20.5	21.2	21.8
19	15.4	16.2	17.3	16.2	17.2	17.8	19.0	19.4	20.0	21.8	22.4	22.8	24.1	24.4	24.7	24.4	24.5	24.6	24.4	24.7	24.9	23.8	24.4	25.1	23.7	24.1	25.1	21.6	22.5	23.2	17.8	18.3	19.1	14.1	15.0	15.9	20.5	21.1	21.7
20	15.4	16.1	17.2	16.2	17.5	18.1	19.3	20.0	20.8	21.9	22.4	22.9	23.9	24.2	24.6	24.4	24.7	25.1	24.4	24.7	25.2	24.0	24.5	25.1	23.6	24.1	24.8	21.2	21.9	22.6	17.2	18.1	19.0	14.2	14.9	16.1	20.5	21.1	21.8
21	15.5	16.3	17.2	16.4	17.2	18.0	18.7	19.8	20.4	22.4	22.7	23.1	24.0	24.2	24.6	24.5	24.9	25.3	24.2	24.5	25.1	24.1	24.6	25.4	23.0	23.7	24.3	20.9	21.6	22.5	18.0	18.4	19.3	13.9	14.7	15.7	20.5	21.1	21.7
22	15.8	16.4	17.3	15.8	16.8	17.9	18.8	20.0	20.5	21.7	22.4	22.8	24.1	24.4	24.8	24.7	24.9	25.4	24.4	24.7	25.0	24.3	24.8	25.4	23.0	23.6	24.2	20.3	21.4	22.0	17.9	18.3	19.0	14.2	14.7	15.7	20.4	21.0	21.7
23	15.4	15.9	16.5	16.5	17.3	18.2	19.1	20.0	20.7	21.9	22.4	22.9	23.9	24.4	24.6	24.6	24.8	24.9	23.9	24.4	24.7	24.1	24.7	25.2	22.8	23.7	24.4	20.3	21.3	21.9	17.2	17.9	18.7	13.0	14.1	14.7	20.2	20.9	21.4
24	15.1	15.7	16.6	17.0	17.7	18.5	19.6	20.3	20.8	22.4	22.6	23.1	23.8	24.3	24.7	24.2	24.7	25.2	24.1	24.5	24.9	24.1	24.6	25.1	23.0	23.8	24.5	20.3	21.0	22.1	16.3	17.3	18.1	12.9	13.6	14.7	20.2	20.8	21.5
25	15.2	15.9	16.7	17.6	18.3	19.2	19.8	20.7	21.1	22.4	22.9	23.6	24.0	24.3	24.5	24.4	24.7	25.0	24.3	24.5	24.8	24.0	24.6	25.3	22.6	23.5	24.4	20.0	20.7	21.5	16.3	17.2	18.1	13.6	14.3	15.5	20.3	21.0	21.6
26	15.1	15.7	16.7	18.2	18.7	19.5	19.7	20.3	20.8	22.3	23.0	23.3	24.0	24.5	24.9	24.4	24.6	25.0	24.2	24.7	25.1	24.3	24.7	25.2	22.7	23.6	24.3	19.9	20.6	21.5	16.5	17.3	18.1	13.5	14.4	15.1	20.4	21.0	21.6
27	14.5	15.3	16.5	18.1	18.7	19.4	19.2	20.2	20.5	22.7	22.8	23.1	24.0	24.6	25.1	24.3	24.6	25.0	24.3	24.7	24.9	24.1	24.6	25.1	22.9	23.7	24.4	19.0	20.3	20.9	17.0	17.6	18.4	13.8	14.5	15.9	20.3	21.0	21.6
28	14.3	15.2	16.2	17.4	18.0	18.8	19.8	20.5	20.9	22.3	22.9	23.7	24.1	24.5	24.9	24.1	24.3	24.5	24.5	24.7	25.0	24.3	24.8	25.6	23.0	23.8	24.4	19.6	20.2	21.1	16.7	17.3	17.9	13.8	14.5	15.5	20.3	20.9	21.5
29	14.8	15.4	16.6	17.3	17.9	18.4	20.2	20.7	21.3	22.9	23.3	23.6	23.9	24.5	24.8	24.3	24.4	24.7	24.1	24.5	24.7	24.6	24.9	25.2	22.6	23.5	24.2	19.7	20.3	21.0	16.2	16.9	17.8	14.4	14.9	15.6	20.4	20.9	21.5
30	15.1	15.8	16.8				20.6	20.9	21.3	22.9	23.2	23.7	24.3	24.6	24.8	24.3	24.5	25.0	24.1	24.6	25.0	24.0	24.5	25.1	22.3	23.3	24.1	18.8	19.7	20.2	15.4	16.2	16.9	14.4	15.2	16.0	20.6	21.1	21.7
31	14.8	15.7	16.6				19.8	20.8	21.1				24.4	24.7	25.0				24.2	24.4	24.8	24.4	24.6	24.9				18.6	19.4	20.3				15.0	15.6	16.3	20.2	20.7	21.3
Average	15.1	15.8	16.7	16.6	17.3	18.1	18.4	19.2	19.9	21.2	21.9	22.4	23.6	24.0	24.3	24.3	24.6	25.0	24.2	24.6	24.9	24.2	24.6	25.1	23.5	24.1	24.7	21.4	22.1	22.8	17.8	18.6	19.4	14.4	15.1	16.0	20.4	21.0	21.6
Extremes	2.3		23.0	2.8		23.6	1.5		26.9	9.8		26.7	16.2		28.0	19.4		27.6	20.7		27.5	21.4		28.3	9.9		27.3	9.2		26.7	2.6		25.4	2.0		24.7	1.5		28.3
StdD.	3.0			3.0			2.9			1.9			1.3			0.9			0.9			0.9			1.3			2.5			3.3			3.5			2.1		

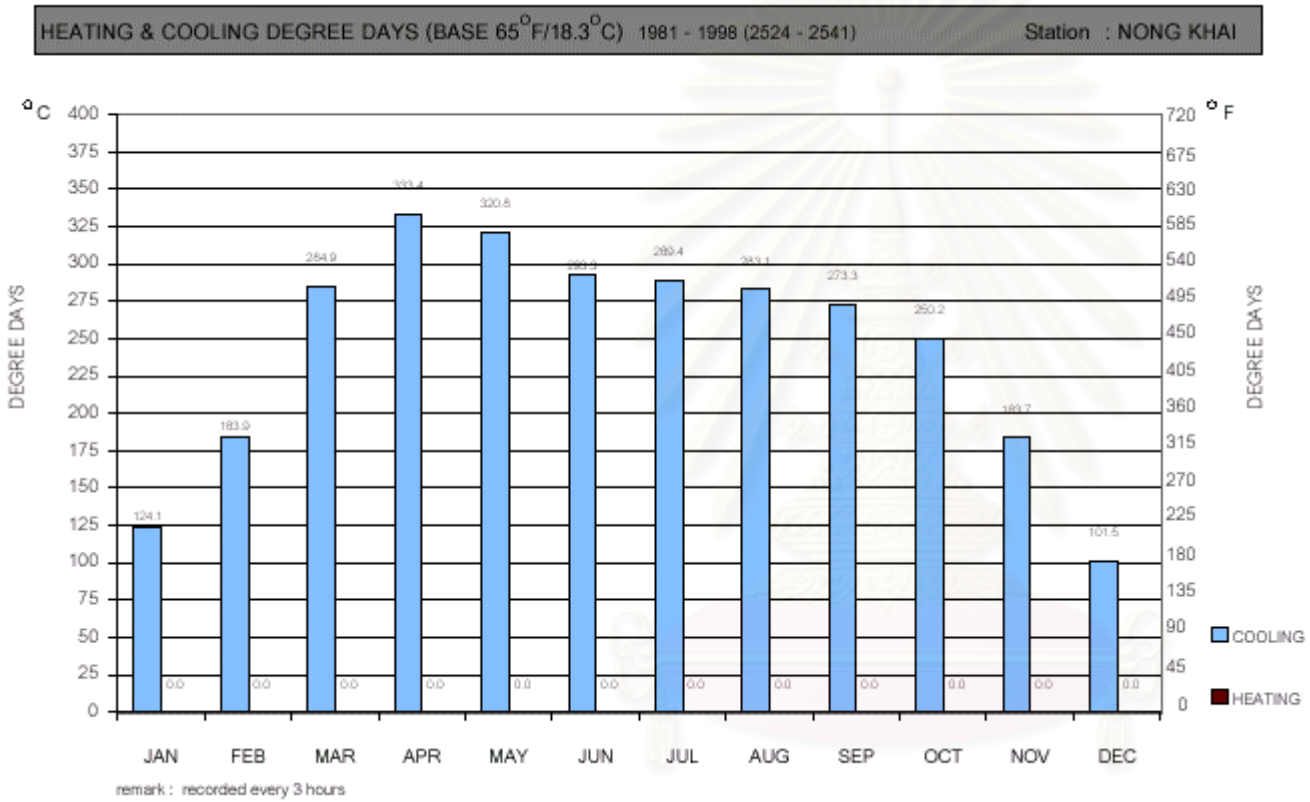
ตารางแสดงผลข้อมูลปริมาณองศาวัน การทำความร้อนละการทำความร้อน (heating and cooling degree days)

HEATING & COOLING DEGREE DAYS BASE RANGE 35 - 100 °F (1.7 - 37.8 °C) 1981 - 1998 (2524 - 2541) Station : NONG KHAI

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	640.8	0.0	667.3	0.0	801.6	0.0	833.4	0.0	837.4	0.0	793.3	0.0	806.0	0.0	799.8	0.0	773.3	0.0	766.9	0.0	683.7	0.0	618.2	0.0	9,021.7	0.0
36	2.2	623.6	0.0	651.2	0.0	784.4	0.0	816.8	0.0	820.2	0.0	776.6	0.0	788.8	0.0	782.6	0.0	756.6	0.0	749.7	0.0	667.0	0.0	601.0	0.0	8,818.4	0.0
37	2.8	606.4	0.0	635.1	0.0	767.2	0.0	800.1	0.0	803.0	0.0	759.9	0.0	771.6	0.0	765.3	0.0	740.0	0.0	732.5	0.0	650.3	0.0	583.7	0.0	8,615.0	0.0
38	3.3	589.1	0.0	618.9	0.0	749.9	0.0	783.4	0.0	785.8	0.0	743.3	0.0	754.4	0.0	748.1	0.0	723.3	0.0	715.2	0.0	633.7	0.0	566.5	0.0	8,411.7	0.0
39	3.9	571.9	0.0	602.8	0.0	732.7	0.0	766.8	0.0	768.5	0.0	726.6	0.0	737.1	0.0	730.9	0.0	706.6	0.0	698.0	0.0	617.0	0.0	549.3	0.0	8,208.4	0.0
40	4.4	554.7	0.0	586.7	0.0	715.5	0.0	750.1	0.0	751.3	0.0	709.9	0.0	719.9	0.0	713.7	0.0	690.0	0.0	680.8	0.0	600.3	0.0	532.1	0.0	8,005.0	0.0
41	5.0	537.5	0.0	570.6	0.0	698.3	0.0	733.4	0.0	734.1	0.0	693.3	0.0	702.7	0.0	696.4	0.0	673.3	0.0	663.6	0.0	583.7	0.0	514.9	0.0	7,801.7	0.0
42	5.6	520.2	0.0	554.5	0.0	681.0	0.0	716.8	0.0	716.9	0.0	676.6	0.0	685.5	0.0	679.2	0.0	656.6	0.0	646.4	0.0	567.0	0.0	497.6	0.0	7,598.4	0.0
43	6.1	503.0	0.0	538.4	0.0	663.8	0.0	700.1	0.0	699.7	0.0	659.9	0.0	668.3	0.0	662.0	0.0	640.0	0.0	629.1	0.0	550.3	0.0	480.4	0.0	7,395.0	0.0
44	6.7	485.8	0.0	522.3	0.0	646.6	0.0	683.4	0.0	682.4	0.0	643.3	0.0	651.0	0.0	644.8	0.0	623.3	0.0	611.9	0.0	533.7	0.0	463.2	0.0	7,191.7	0.0
45	7.2	468.6	0.0	506.2	0.0	629.4	0.0	666.8	0.0	665.2	0.0	626.6	0.0	633.8	0.0	627.6	0.0	606.6	0.0	594.7	0.0	517.0	0.0	446.0	0.0	6,988.4	0.0
46	7.8	451.4	0.0	490.1	0.0	612.2	0.0	650.1	0.0	648.0	0.0	609.9	0.0	616.6	0.0	610.3	0.0	590.0	0.0	577.5	0.0	500.3	0.0	428.7	0.0	6,785.0	0.0
47	8.3	434.1	0.0	473.9	0.0	594.9	0.0	633.4	0.0	630.8	0.0	593.3	0.0	599.4	0.0	593.1	0.0	573.3	0.0	560.2	0.0	483.7	0.0	411.5	0.0	6,581.7	0.0
48	8.9	416.9	0.0	457.8	0.0	577.7	0.0	616.8	0.0	613.5	0.0	576.6	0.0	582.1	0.0	575.9	0.0	556.6	0.0	543.0	0.0	467.0	0.0	394.3	0.0	6,378.4	0.0
49	9.4	399.7	0.0	441.7	0.0	560.5	0.0	600.1	0.0	596.3	0.0	559.9	0.0	564.9	0.0	558.7	0.0	540.0	0.0	525.8	0.0	450.3	0.0	377.1	0.0	6,175.0	0.0
50	10.0	382.5	0.0	425.6	0.0	543.3	0.0	583.4	0.0	579.1	0.0	543.3	0.0	547.7	0.0	541.4	0.0	523.3	0.0	508.6	0.0	433.7	0.0	359.9	0.0	5,971.7	0.0
51	10.6	365.2	0.0	409.5	0.0	526.0	0.0	566.8	0.0	561.9	0.0	526.6	0.0	530.5	0.0	524.2	0.0	506.6	0.0	491.4	0.0	417.0	0.0	342.6	0.0	5,768.4	0.0
52	11.1	348.0	0.0	393.4	0.0	508.8	0.0	550.1	0.0	544.7	0.0	509.9	0.0	513.3	0.0	507.0	0.0	490.0	0.0	474.1	0.0	400.3	0.0	325.4	0.0	5,565.0	0.0
53	11.7	330.8	0.0	377.3	0.0	491.6	0.0	533.4	0.0	527.4	0.0	493.3	0.0	496.0	0.0	489.8	0.0	473.3	0.0	456.9	0.0	383.7	0.0	308.2	0.0	5,361.7	0.0
54	12.2	313.6	0.0	361.2	0.0	474.4	0.0	516.8	0.0	510.2	0.0	476.6	0.0	478.8	0.0	472.6	0.0	456.6	0.0	439.7	0.0	367.0	0.0	291.0	0.0	5,158.4	0.0
55	12.8	296.4	0.0	345.1	0.0	457.2	0.0	500.1	0.0	493.0	0.0	459.9	0.0	461.6	0.0	455.3	0.0	440.0	0.0	422.5	0.0	350.3	0.0	273.7	0.0	4,955.0	0.0
56	13.3	279.1	0.0	328.9	0.0	439.9	0.0	483.4	0.0	475.8	0.0	443.3	0.0	444.4	0.0	438.1	0.0	423.3	0.0	405.2	0.0	333.7	0.0	256.5	0.0	4,751.7	0.0
57	13.9	261.9	0.0	312.8	0.0	422.7	0.0	466.8	0.0	458.5	0.0	426.6	0.0	427.1	0.0	420.9	0.0	406.6	0.0	388.0	0.0	317.0	0.0	239.3	0.0	4,548.4	0.0
58	14.4	244.7	0.0	296.7	0.0	405.5	0.0	450.1	0.0	441.3	0.0	409.9	0.0	409.9	0.0	403.7	0.0	390.0	0.0	370.8	0.0	300.3	0.0	222.1	0.0	4,345.0	0.0
59	15.0	227.5	0.0	280.6	0.0	388.3	0.0	433.4	0.0	424.1	0.0	393.3	0.0	392.7	0.0	386.4	0.0	373.3	0.0	353.6	0.0	283.7	0.0	204.9	0.0	4,141.7	0.0
60	15.6	210.2	0.0	264.5	0.0	371.0	0.0	416.8	0.0	406.9	0.0	376.6	0.0	375.5	0.0	369.2	0.0	356.6	0.0	336.4	0.0	267.0	0.0	187.6	0.0	3,938.4	0.0
61	16.1	193.0	0.0	248.4	0.0	353.8	0.0	400.1	0.0	389.7	0.0	359.9	0.0	358.3	0.0	352.0	0.0	340.0	0.0	319.1	0.0	250.3	0.0	170.4	0.0	3,735.0	0.0
62	16.7	175.8	0.0	232.3	0.0	336.6	0.0	383.4	0.0	372.4	0.0	343.3	0.0	341.0	0.0	334.8	0.0	323.3	0.0	301.9	0.0	233.7	0.0	153.2	0.0	3,531.7	0.0
63	17.2	158.6	0.0	216.2	0.0	319.4	0.0	366.8	0.0	355.2	0.0	326.6	0.0	323.8	0.0	317.6	0.0	306.6	0.0	284.7	0.0	217.0	0.0	136.0	0.0	3,328.4	0.0
64	17.8	141.4	0.0	200.1	0.0	302.2	0.0	350.1	0.0	338.0	0.0	309.9	0.0	306.6	0.0	300.3	0.0	290.0	0.0	267.5	0.0	200.3	0.0	118.7	0.0	3,125.0	0.0
65	18.3	124.1	0.0	183.9	0.0	284.9	0.0	333.4	0.0	320.8	0.0	293.3	0.0	289.4	0.0	283.1	0.0	273.3	0.0	250.2	0.0	183.7	0.0	101.5	0.0	2,921.7	0.0
66	18.9	106.9	0.0	**167.8**	**0.0**	**267.7**	**0.0**	**316.8**	**0.0**	**303.5**	**0.0**	**276.6**	**0.0**	**272.1**	**0.0**	**265.9**	**0.0**	**256.6**	**0.0**	**233.0**	**0.0**	**167.0**	**0.0**	**84.3**	**0.0**	**2,718.4**	**0.0**
67	19.4	89.7	0.0	**151.7**	**0.0**	**250.5**	**0.0**	**300.1**	**0.0**	**286.3**	**0.0**	**259.9**	**0.0**	**254.9**	**0.0**	**248.7**	**0.0**	**240.0**	**0.0**	**215.8**	**0.0**	**150.3**	**0.0**	**67.1**	**0.0**	**2,515.0**	**0.0**
68	20.0	72.5	0.0	**135.6**	**0.0**	**233.3**	**0.0**	**283.4**	**0.0**	**269.1**	**0.0**	**243.3**	**0.0**	**237.7**	**0.0**	**231.4**	**0.0**	**223.3**	**0.0**	**198.6**	**0.0**	**133.7**	**0.0**	**49.9**	**0.0**	**2,311.7**	**0.0**

HEATING & COOLING DEGREE DAYS BASE RANGE 35 - 100 °F (1.7 - 37.8 °C) 1981 - 1998 (2524 - 2541)																								Station : NONG KHAI	
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	55.2	0.0	119.5	0.0	216.0	0.0	266.8	0.0	251.9	0.0	226.6	0.0	220.5	0.0	214.2	0.0	206.6	0.0	181.4	0.0	117.0	0.0	32.9	-0.2	2,108.6	-0.2
70	21.1	38.0	0.0	103.4	0.0	198.8	0.0	250.1	0.0	234.7	0.0	209.9	0.0	203.3	0.0	197.0	0.0	190.0	0.0	164.1	0.0	100.3	0.0	17.5	-2.1	1,907.2	-2.1
71	21.7	20.8	0.0	87.3	0.0	181.6	0.0	233.4	0.0	217.4	0.0	193.3	0.0	186.0	0.0	179.8	0.0	173.3	0.0	146.9	0.0	83.7	0.0	5.5	-7.3	1,709.0	-7.3
72	22.2	6.9	-3.3	71.2	0.0	164.4	0.0	216.8	0.0	200.2	0.0	176.6	0.0	168.8	0.0	162.6	0.0	156.6	0.0	129.7	0.0	67.0	0.0	1.0	-20.0	1,521.7	-23.3
73	22.8	0.8	-14.5	55.1	0.0	147.2	0.0	200.1	0.0	183.0	0.0	159.9	0.0	151.6	0.0	145.3	0.0	140.0	0.0	112.5	0.0	50.3	0.0	0.0	-36.3	1,345.7	-50.7
74	23.3	0.0	-30.9	39.3	-0.3	129.9	0.0	183.4	0.0	165.8	0.0	143.3	0.0	134.4	0.0	128.1	0.0	123.3	0.0	95.2	0.0	34.1	-0.4	0.0	-53.5	1,176.8	-85.1
75	23.9	0.0	-48.1	25.9	-3.0	112.7	0.0	166.8	0.0	148.5	0.0	126.6	0.0	117.1	0.0	110.9	0.0	106.6	0.0	78.0	0.0	19.4	-2.4	0.0	-70.7	1,012.6	-124.2
76	24.4	0.0	-65.3	14.6	-7.8	95.5	0.0	150.1	0.0	131.3	0.0	109.9	0.0	99.9	0.0	93.7	0.0	90.0	0.0	60.8	0.0	8.3	-7.9	0.0	-87.9	854.0	-169.0
77	25.0	0.0	-82.5	5.4	-14.8	78.7	-0.4	133.4	0.0	114.1	0.0	93.3	0.0	82.7	0.0	76.4	0.0	73.3	0.0	43.6	0.0	1.2	-17.6	0.0	-105.1	702.2	-220.5
78	25.6	0.0	-99.8	0.4	-25.9	63.6	-2.6	116.8	0.0	96.9	0.0	76.6	0.0	65.5	0.0	59.2	0.0	56.6	0.0	27.0	-0.7	0.0	-33.0	0.0	-122.4	562.6	-284.2
79	26.1	0.0	-117.0	0.0	-41.6	49.7	-5.9	100.1	0.0	79.7	0.0	59.9	0.0	48.3	0.0	42.0	0.0	40.0	0.0	13.7	-4.6	0.0	-49.7	0.0	-139.6	433.4	-358.4
80	26.7	0.0	-134.2	0.0	-57.7	36.9	-10.3	83.4	0.0	62.4	0.0	43.3	0.0	31.0	0.0	24.8	0.0	23.3	0.0	3.1	-11.2	0.0	-66.3	0.0	-156.8	308.2	-436.5
81	27.2	0.0	-151.4	0.0	-73.8	24.4	-15.0	66.8	0.0	45.2	0.0	26.6	0.0	14.2	-0.4	8.5	-0.9	7.1	-0.5	0.0	-25.4	0.0	-83.0	0.0	-174.0	192.9	-524.5
82	27.8	0.0	-168.6	0.0	-89.9	12.6	-20.5	50.1	0.0	28.8	-0.8	10.6	-0.7	1.7	-5.1	0.7	-10.4	0.1	-10.1	0.0	-42.5	0.0	-99.7	0.0	-191.3	104.7	-639.6
83	28.3	0.0	-185.9	0.0	-106.1	3.8	-28.9	33.4	0.0	14.2	-3.4	1.9	-8.6	0.0	-20.6	0.0	-26.9	0.0	-26.7	0.0	-59.8	0.0	-116.3	0.0	-208.5	53.3	-791.6
84	28.9	0.0	-203.1	0.0	-122.2	0.1	-42.4	16.9	-0.1	5.4	-11.8	0.0	-23.4	0.0	-37.9	0.0	-44.1	0.0	-43.4	0.0	-77.0	0.0	-133.0	0.0	-225.7	22.4	-964.0
85	29.4	0.0	-220.3	0.0	-138.3	0.0	-59.5	4.7	-4.6	1.2	-24.9	0.0	-40.1	0.0	-55.1	0.0	-61.3	0.0	-60.0	0.0	-94.2	0.0	-149.7	0.0	-242.9	5.8	-1,150.8
86	30.0	0.0	-237.5	0.0	-154.4	0.0	-76.7	0.7	-17.3	0.2	-41.1	0.0	-56.7	0.0	-72.3	0.0	-78.6	0.0	-76.7	0.0	-111.4	0.0	-166.3	0.0	-260.1	0.9	-1,349.2
87	30.6	0.0	-254.8	0.0	-170.5	0.0	-94.0	0.0	-33.2	0.0	-58.1	0.0	-73.4	0.0	-89.5	0.0	-95.8	0.0	-93.4	0.0	-128.6	0.0	-183.0	0.0	-277.4	0.0	-1,551.6
88	31.1	0.0	-272.0	0.0	-186.6	0.0	-111.2	0.0	-49.9	0.0	-75.3	0.0	-90.1	0.0	-106.7	0.0	-113.0	0.0	-110.0	0.0	-145.9	0.0	-199.7	0.0	-294.6	0.0	-1,755.0
89	31.7	0.0	-289.2	0.0	-202.7	0.0	-128.4	0.0	-66.6	0.0	-92.6	0.0	-106.7	0.0	-124.0	0.0	-130.2	0.0	-126.7	0.0	-163.1	0.0	-216.3	0.0	-311.8	0.0	-1,958.3
90	32.2	0.0	-306.4	0.0	-218.8	0.0	-145.6	0.0	-83.2	0.0	-109.8	0.0	-123.4	0.0	-141.2	0.0	-147.4	0.0	-143.4	0.0	-180.3	0.0	-233.0	0.0	-329.0	0.0	-2,161.6
91	32.8	0.0	-323.6	0.0	-234.9	0.0	-162.8	0.0	-99.9	0.0	-127.0	0.0	-140.1	0.0	-158.4	0.0	-164.7	0.0	-160.0	0.0	-197.5	0.0	-249.7	0.0	-346.3	0.0	-2,365.0
92	33.3	0.0	-340.9	0.0	-251.1	0.0	-180.1	0.0	-116.6	0.0	-144.2	0.0	-156.7	0.0	-175.6	0.0	-181.9	0.0	-176.7	0.0	-214.8	0.0	-266.3	0.0	-363.5	0.0	-2,568.3
93	33.9	0.0	-358.1	0.0	-267.2	0.0	-197.3	0.0	-133.2	0.0	-161.5	0.0	-173.4	0.0	-192.9	0.0	-199.1	0.0	-193.4	0.0	-232.0	0.0	-283.0	0.0	-380.7	0.0	-2,771.6
94	34.4	0.0	-375.3	0.0	-283.3	0.0	-214.5	0.0	-149.9	0.0	-178.7	0.0	-190.1	0.0	-210.1	0.0	-216.3	0.0	-210.0	0.0	-249.2	0.0	-299.7	0.0	-397.9	0.0	-2,975.0
95	35.0	0.0	-392.5	0.0	-299.4	0.0	-231.7	0.0	-166.6	0.0	-195.9	0.0	-206.7	0.0	-227.3	0.0	-233.6	0.0	-226.7	0.0	-266.4	0.0	-316.3	0.0	-415.1	0.0	-3,178.3
96	35.6	0.0	-409.8	0.0	-315.5	0.0	-249.0	0.0	-183.2	0.0	-213.1	0.0	-223.4	0.0	-244.5	0.0	-250.8	0.0	-243.4	0.0	-283.6	0.0	-333.0	0.0	-432.4	0.0	-3,381.6
97	36.1	0.0	-427.0	0.0	-331.6	0.0	-266.2	0.0	-199.9	0.0	-230.3	0.0	-240.1	0.0	-261.7	0.0	-268.0	0.0	-260.0	0.0	-300.9	0.0	-349.7	0.0	-449.6	0.0	-3,585.0
98	36.7	0.0	-444.2	0.0	-347.7	0.0	-283.4	0.0	-216.6	0.0	-247.6	0.0	-256.7	0.0	-279.0	0.0	-285.2	0.0	-276.7	0.0	-318.1	0.0	-366.3	0.0	-466.8	0.0	-3,788.3
99	37.2	0.0	-461.4	0.0	-363.8	0.0	-300.6	0.0	-233.2	0.0	-264.8	0.0	-273.4	0.0	-296.2	0.0	-302.4	0.0	-293.4	0.0	-335.3	0.0	-383.0	0.0	-484.0	0.0	-3,991.6
100	37.8	0.0	-478.6	**0.0**	**-379.9**	**0.0**	**-317.8**	**0.0**	**-249.9**	**0.0**	**-282.0**	**0.0**	**-290.1**	**0.0**	**-313.4**	**0.0**	**-319.7**	**0.0**	**-310.0**	**0.0**	**-352.5**	**0.0**	**-399.7**	**0.0**	**-501.3**	**0.0**	**-4,195.0**

แผนภูมิปริมาณองศาวัน การทำความร้อนละการทำความเย็น (heating and cooling degree days)

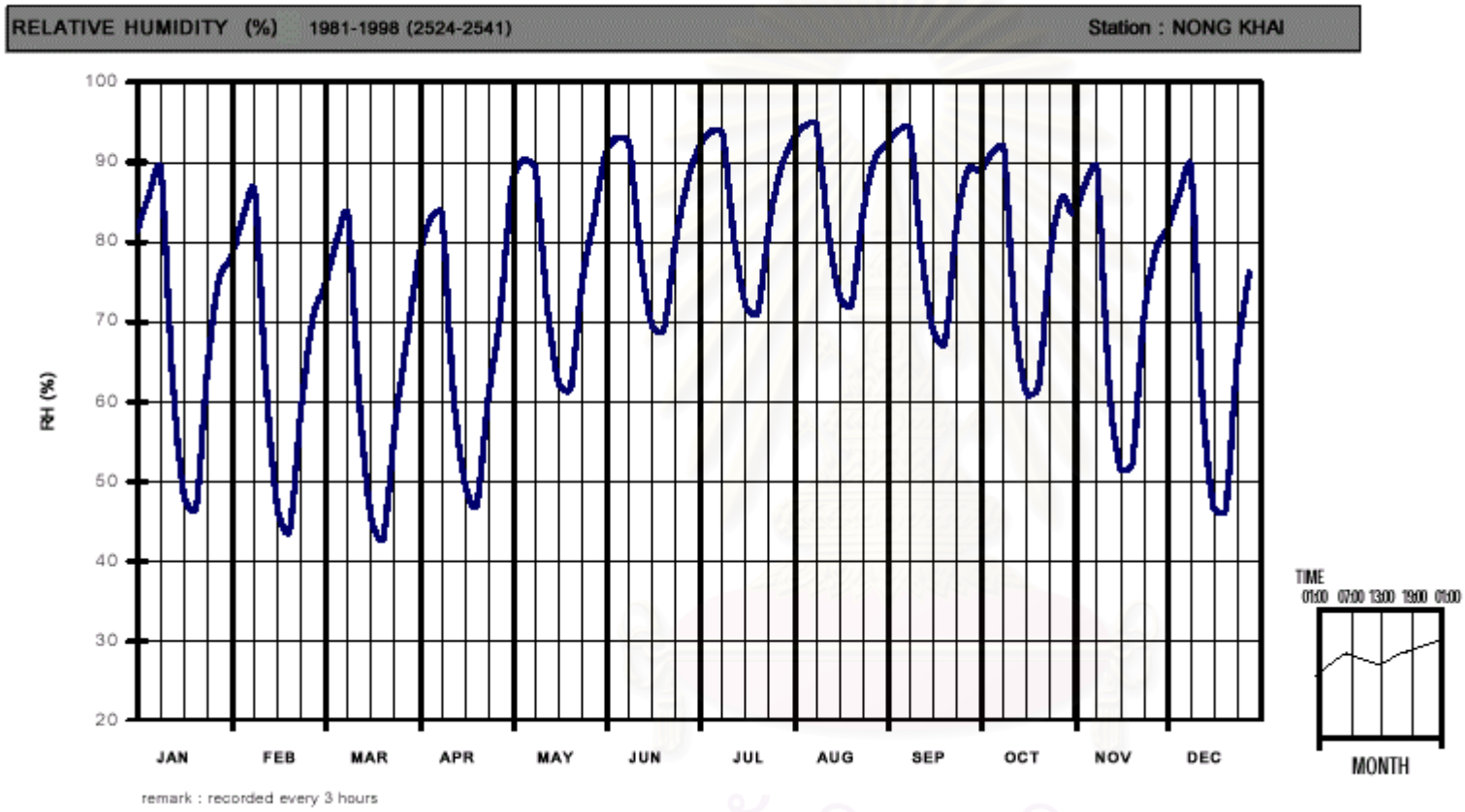


ตารางแสดงผลข้อมูลความชื้นสัมพัทธ์ (relative humidity)

RELATIVE HUMIDITY (%) 1981 - 1998 (2524 - 2541) — **Station : NONG KHAI**

MONTH	JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			ANNUAL		
DAY	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max	min	mean	max
1	48.1	71.5	91.1	42.9	64.9	85.3	41.9	62.9	81.2	41.1	64.0	84.4	50.7	70.9	86.4	63.7	80.7	92.3	69.2	83.6	92.9	73.2	86.5	95.2	73.4	87.3	96.6	64.4	80.7	93.0	51.8	73.0	90.3	47.3	67.2	84.6	55.7	74.4	89.4
2	48.3	71.6	92.4	41.6	64.1	85.4	41.9	62.2	81.1	39.8	62.4	83.4	48.9	69.6	86.8	68.2	82.8	93.2	66.1	81.8	93.0	72.5	85.9	95.8	71.2	86.4	96.0	64.7	81.3	93.6	52.3	72.0	88.1	46.8	68.5	88.3	55.2	74.0	89.8
3	50.2	72.8	92.4	42.7	64.9	85.8	43.7	64.5	81.6	43.3	62.6	78.8	53.8	71.4	86.1	69.1	83.3	94.2	72.3	83.7	92.8	70.6	84.2	94.6	73.2	86.5	96.0	65.0	80.9	92.6	51.4	73.1	89.2	51.2	71.5	90.1	57.2	74.9	89.5
4	51.4	73.0	90.8	44.3	65.8	86.3	43.9	64.7	83.0	47.7	66.0	83.8	53.9	72.5	86.4	67.1	82.0	93.3	72.4	84.1	93.8	74.3	86.7	96.4	71.1	85.3	95.8	64.6	81.1	92.7	55.1	74.4	90.6	48.3	70.1	89.4	57.8	75.5	90.2
5	48.7	71.5	90.8	46.8	68.6	87.4	49.8	66.6	82.4	44.2	65.4	85.3	56.3	73.8	87.8	68.7	84.1	94.7	70.7	84.0	93.6	72.4	86.0	95.6	67.9	84.2	95.9	68.4	83.3	94.3	52.6	73.8	91.0	47.3	69.7	90.4	57.8	75.9	90.8
6	50.3	71.3	90.9	45.3	68.3	89.3	45.3	65.0	82.4	42.8	64.0	84.1	52.9	70.5	85.2	70.1	84.4	95.1	71.8	84.3	93.7	70.9	84.8	95.1	72.1	85.8	95.3	65.7	82.0	93.3	50.7	73.6	92.3	45.2	67.0	86.7	56.9	75.1	90.3
7	45.8	69.6	90.4	43.8	67.6	88.5	42.9	63.7	83.1	39.3	61.8	82.5	53.8	71.4	84.1	69.8	84.1	93.9	68.1	83.3	93.9	71.0	84.2	94.3	71.6	85.7	96.0	62.4	80.1	93.1	51.8	72.7	90.8	45.0	68.0	86.8	55.5	74.3	89.8
8	46.0	68.5	90.4	43.3	67.1	87.2	42.2	64.3	85.3	46.6	64.9	82.8	55.1	72.5	87.2	69.4	83.2	92.9	67.7	82.8	93.2	69.9	84.1	93.3	73.2	86.2	95.1	63.6	80.7	92.9	52.1	72.0	88.8	44.3	69.0	90.6	56.1	74.6	90.0
9	45.7	69.2	90.4	45.2	67.0	86.6	39.8	62.8	84.1	40.9	63.2	83.3	60.9	75.7	87.2	68.9	83.1	92.9	71.2	84.2	94.5	69.6	84.4	94.6	73.0	86.2	95.5	64.7	80.8	92.7	55.5	72.8	87.2	43.9	68.2	89.6	56.6	74.8	89.9
10	45.2	69.4	91.8	44.0	66.8	87.4	40.5	62.4	82.7	41.8	63.0	82.2	58.4	75.7	90.1	66.7	81.5	93.6	70.4	84.4	94.4	73.3	85.7	95.2	68.9	84.6	95.3	61.4	78.5	90.6	52.4	70.7	86.1	45.4	69.2	90.1	55.7	74.3	90.0
11	45.2	69.0	90.8	48.0	66.9	84.4	41.2	64.3	86.4	40.0	61.6	81.4	62.9	78.0	90.9	70.7	83.6	92.6	69.6	83.9	94.2	72.4	85.0	94.3	67.1	83.7	94.7	64.1	79.6	90.9	52.3	72.8	90.4	46.7	69.7	88.9	56.7	74.8	90.0
12	45.9	69.5	90.6	44.1	66.7	86.6	42.0	63.9	84.2	44.3	64.5	81.4	58.4	77.0	91.7	69.6	83.6	93.4	71.4	84.1	93.6	69.7	84.4	94.6	67.1	83.5	94.9	63.2	80.0	92.6	50.3	72.6	90.6	46.8	69.4	88.2	56.1	74.9	90.2
13	46.1	69.5	90.6	44.7	67.8	88.5	44.8	64.6	84.7	49.3	67.3	83.6	61.6	78.3	90.5	71.9	84.7	94.2	71.4	84.1	94.0	71.1	84.3	93.7	67.0	83.6	94.2	61.3	79.8	91.9	52.7	73.8	91.3	46.9	70.7	92.3	57.4	75.7	90.8
14	45.1	68.1	87.8	42.3	66.7	87.6	41.8	64.8	86.2	47.2	66.8	83.6	63.0	80.4	91.8	68.2	83.6	94.3	76.5	87.3	95.4	72.1	85.2	93.7	67.8	83.1	93.4	63.1	80.1	93.5	52.8	73.2	89.9	46.7	69.8	90.5	57.2	75.8	90.6
15	44.3	68.9	90.4	40.5	66.6	87.9	43.0	63.9	85.7	45.3	66.4	83.3	59.2	78.1	92.0	68.1	82.3	94.2	75.8	86.8	95.2	73.3	86.2	95.7	69.0	83.7	94.6	63.4	79.9	92.7	54.7	74.2	90.1	47.5	68.8	88.3	57.0	75.5	90.8
16	44.7	68.3	88.3	42.1	66.5	89.0	38.3	60.6	83.6	45.4	65.6	81.4	64.0	80.0	90.9	65.7	81.3	92.9	70.8	86.0	96.0	71.6	85.9	96.1	64.8	81.9	93.1	66.5	81.9	94.2	51.9	73.9	91.1	45.6	68.4	88.5	56.0	75.0	90.4
17	46.7	69.0	90.0	39.4	64.7	87.7	38.7	59.9	83.7	47.8	66.9	82.8	62.3	79.4	92.6	67.9	80.1	90.3	69.0	83.9	94.2	72.8	86.1	95.2	65.8	82.6	94.0	66.5	82.4	93.1	55.1	74.8	91.0	44.0	68.7	90.6	56.3	74.9	90.4
18	45.4	69.3	90.7	41.0	64.3	86.1	37.7	59.6	81.7	47.2	67.5	84.3	62.2	79.5	90.8	64.9	81.6	92.8	69.4	85.2	95.4	69.3	85.1	95.4	65.4	82.8	94.4	62.3	81.3	94.7	53.3	71.8	87.7	45.9	68.9	89.3	55.4	74.7	90.3
19	46.8	69.0	89.1	42.9	65.3	86.3	40.0	60.7	80.0	44.4	65.5	82.3	67.3	81.0	94.3	67.6	82.0	92.4	69.3	83.4	93.5	69.3	84.3	94.1	66.3	83.3	94.0	60.1	79.2	92.8	50.6	70.9	89.1	43.9	68.0	89.8	55.7	74.4	89.8
20	46.7	67.8	86.1	40.9	65.8	87.4	39.2	61.7	83.1	51.4	69.8	86.2	62.5	78.9	93.1	66.9	81.9	92.7	68.8	83.1	93.5	73.0	85.1	93.6	69.8	84.5	93.6	59.7	77.8	91.7	49.1	70.4	89.0	46.5	68.0	88.9	56.2	74.6	89.9
21	46.8	69.8	89.7	42.4	65.0	85.3	39.7	61.0	81.8	51.9	70.0	86.2	59.9	77.0	91.2	67.1	80.9	93.3	70.0	83.4	93.7	69.9	84.6	94.3	64.9	82.2	94.7	58.4	77.1	89.8	52.4	73.3	91.1	43.8	66.9	88.6	55.6	74.3	90.0
22	47.8	70.1	89.1	41.8	65.4	86.3	39.8	62.0	83.2	50.5	69.5	86.9	60.4	77.2	91.4	65.7	80.2	90.9	71.8	84.1	93.7	68.3	83.7	94.5	63.7	81.0	93.2	56.7	77.4	91.8	51.1	72.2	90.4	45.8	68.4	89.7	55.3	74.3	90.1
23	44.7	67.7	88.1	41.6	64.7	86.0	43.3	63.6	83.6	49.7	68.0	83.5	62.9	78.2	91.1	68.9	82.6	93.2	72.0	84.5	93.1	76.3	87.1	95.7	63.8	82.2	93.8	58.1	76.7	92.5	48.1	70.2	91.7	43.5	67.8	90.6	56.1	74.4	90.2
24	47.2	67.5	84.1	44.3	65.1	83.2	44.1	63.6	84.6	49.1	68.1	82.1	61.5	79.2	91.9	69.0	82.0	91.9	73.4	85.4	94.5	77.4	88.4	95.7	64.1	81.7	93.6	56.4	75.8	91.1	46.9	68.6	86.9	44.6	68.0	88.8	56.5	74.5	89.0
25	48.7	68.6	85.4	45.0	66.2	84.5	44.4	64.3	83.3	52.3	71.4	87.4	67.7	80.5	91.1	68.1	82.1	92.8	68.4	83.5	94.4	72.5	86.8	95.7	61.9	80.2	93.3	56.8	75.6	90.7	48.1	70.6	90.4	45.8	69.9	90.2	56.6	75.0	89.9
26	48.2	68.2	85.7	50.6	68.8	85.3	43.3	64.3	82.7	50.4	70.4	87.6	67.7	80.6	90.1	67.5	82.6	92.7	70.3	84.4	94.6	73.4	86.7	95.6	63.8	80.9	93.2	55.2	75.6	91.0	48.9	69.8	89.2	43.3	68.6	92.3	56.9	75.1	90.0
27	49.7	68.6	84.9	47.1	68.5	87.1	48.7	66.2	83.5	53.1	72.5	88.4	71.9	84.9	92.9	71.8	83.5	92.6	68.8	83.4	93.3	69.8	84.7	95.3	62.2	80.0	92.2	53.7	74.8	91.6	50.9	70.4	87.5	45.1	67.6	88.4	57.7	75.4	89.8
28	47.4	67.9	86.5	44.1	65.6	83.4	45.8	66.8	86.1	50.7	70.2	85.6	69.4	85.3	95.5	71.3	84.0	93.2	70.2	84.1	94.6	67.3	83.7	94.7	63.6	80.7	93.4	53.9	74.8	90.0	48.9	69.2	85.9	46.0	69.7	88.8	56.5	75.2	89.8
29	45.2	68.3	90.3	46.0	67.2	87.0	46.3	66.1	82.6	53.2	71.7	85.7	70.4	84.3	94.3	68.1	83.4	94.1	71.7	84.3	92.8	70.8	84.5	94.5	62.6	79.9	92.7	56.5	74.6	90.2	47.5	69.5	87.3	49.9	72.5	92.0	57.4	75.5	90.3
30	42.1	66.7	88.2				46.3	65.6	84.5	53.1	72.2	86.3	65.4	81.9	93.9	70.1	83.7	93.7	70.8	84.0	93.9	75.4	87.6	95.7	61.5	79.5	92.0	51.1	72.3	89.3	46.5	68.3	86.9	48.8	72.4	92.3	57.4	75.8	90.6
31	40.6	65.0	88.0				46.8	66.2	85.4				65.6	80.9	92.3				74.9	86.9	95.4	72.9	86.1	94.5				51.8	72.5	87.6				47.4	71.8	93.1	57.2	75.6	90.9
Average	46.6	69.2	89.2	43.7	66.3	86.5	42.8	63.6	83.5	46.8	66.8	84.0	61.0	77.6	90.4	68.4	82.6	93.1	70.8	84.3	94.0	71.8	85.4	94.9	67.3	83.3	94.4	60.8	78.7	92.0	51.3	71.9	89.4	46.1	69.1	89.6	56.4	74.9	90.1
Extremes	22		100	19		100	17		100	18		100	26		100	40		100	44		100	53		100	41		100	28		100	23		99	21		100	17		100
StdD.	17.2			17.5			17.9			17.4			15.5			12.6			11.8			11.1			12.7			14.7			16.4			17.9			15.2		

แผนภูมิความชื้นสัมพัทธ์ (relative humidity)



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 : NONG KHAI

January			N	NE	E	SE	S	SW	W	NW	Calm	Total
kts	km/h	m/s									67.7	67.7
1-3	2-6	0.6-1.5	2.8	7.7	7	1.7	0.5	0.3	0.8	1.1		21.9
4-16	7-30	1.6-8.5	0.8	4.1	4.1	1	0.1	0	0.2	0.1		10.4
17-27	31-50	8.6-14	0	0	0	0	0	0	0	0		0
>27	>50	>14	0	0	0	0	0	0	0	0		0
Total			3.6	11.8	11.1	2.7	0.6	0.3	1	1.2	67.7	100

February			N	NE	E	SE	S	SW	W	NW	Calm	Total
kts	km/h	m/s									65.1	65.1
1-3	2-6	0.6-1.5	2.4	6.5	6.6	1.7	0.6	0.9	1.2	1.8		21.7
4-16	7-30	1.6-8.5	0.6	3.3	6.5	1.5	0.1	0.3	0.5	0.4		13.2
17-27	31-50	8.6-14	0	0	0	0	0	0	0	0		0
>27	>50	>14	0	0	0	0	0	0	0	0		0
Total			3	9.8	13.1	3.2	0.7	1.2	1.7	2.2	65.1	100

March			N	NE	E	SE	S	SW	W	NW	Calm	Total
kts	km/h	m/s									64.8	64.8
1-3	2-6	0.6-1.5	1.5	5	5.6	2.3	1.4	1.8	2.1	1.9		21.6
4-16	7-30	1.6-8.5	0.7	3.6	5.3	1.4	0.5	0.6	0.9	0.8		13.8
17-27	31-50	8.6-14	0	0	0	0	0	0	0	0		0
>27	>50	>14	0	0	0	0	0	0	0	0		0
Total			2.2	8.6	10.9	3.7	1.9	2.4	3	2.7	64.8	100

April			N	NE	E	SE	S	SW	W	NW	Calm	Total
kts	km/h	m/s									63.2	63.2
1-3	2-6	0.6-1.5	1.5	4.2	5.5	1.5	3	2.6	2.5	2.2		23
4-16	7-30	1.6-8.5	0.8	3	3.5	1.7	1.2	1.2	1.3	1.1		13.8
17-27	31-50	8.6-14	0	0	0	0	0	0	0	0		0
>27	>50	>14	0	0	0	0	0	0	0	0		0
Total			2.3	7.2	9	3.2	4.2	3.8	3.8	3.3	63.2	100

May			N	NE	E	SE	S	SW	W	NW	Calm	Total
kts	km/h	m/s									67.3	67.3
1-3	2-6	0.6-1.5	1.5	3.5	5	2.2	3	2.9	2.2	1.4		21.7
4-16	7-30	1.6-8.5	0.9	1.7	2.3	1.6	1.3	1.2	1.2	0.7		10.9
17-27	31-50	8.6-14	0	0	0	0	0	0	0	0		0
>27	>50	>14	0	0	0	0	0	0	0	0		0
Total			2.4	5.2	7.3	3.8	4.3	4.1	3.4	2.1	67.3	100

June			N	NE	E	SE	S	SW	W	NW	Calm	Total
kts	km/h	m/s									70.8	70.8
1-3	2-6	0.6-1.5	1	1.8	2.7	1.7	3	4.3	3.5	1.3		19.3
4-16	7-30	1.6-8.5	0.3	0.3	0.8	0.8	1.5	2.6	3	0.6		9.9
17-27	31-50	8.6-14	0	0	0	0	0	0	0	0		0
>27	>50	>14	0	0	0	0	0	0	0	0		0
Total			1.3	2.1	3.5	2.5	4.5	6.9	6.5	1.9	70.8	100

July			N	NE	E	SE	S	SW	W	NW	Calm	Total
kts	km/h	m/s									71.5	71.5
1-3	2-6	0.6-1.5	0.9	1.3	1.8	1.5	3.4	4.5	3.5	1.3		18.2
4-16	7-30	1.6-8.5	0.2	0.4	0.5	0.7	1.4	2.9	3.4	0.6		10.1
17-27	31-50	8.6-14	0	0	0	0	0	0	0	0		0
>27	>50	>14	0	0	0	0	0	0	0	0		0
Total			1.1	1.7	2.3	2.2	4.8	7.4	6.9	1.9	71.5	100

August			N	NE	E	SE	S	SW	W	NW	Calm	Total
kts	km/h	m/s									71.7	71.7
1-3	2-6	0.6-1.5	0.7	1.4	2	1.1	3	3.9	4.4	1.1		17.6
4-16	7-30	1.6-8.5	0.3	0.8	1	0.6	1.1	2.6	3.2	0.8		10.4
17-27	31-50	8.6-14	0	0	0	0	0	0	0	0		0
>27	>50	>14	0	0	0	0	0	0	0	0		0
Total			1	2.2	3	1.7	4.1	6.5	7.6	1.9	71.7	100

September			N	NE	E	SE	S	SW	W	NW	Calm	Total
kts	km/h	m/s									75.4	75.4
1-3	2-6	0.6-1.5	1.3	3.8	3.9	1.3	1.9	1.7	1.8	1.3		17
4-16	7-30	1.6-8.5	0.6	1.8	2.4	0.8	0.4	0.3	0.7	0.3		7.3
17-27	31-50	8.6-14	0	0	0	0	0	0	0	0		0
>27	>50	>14	0	0	0	0	0	0	0	0		0
Total			1.9	5.6	6.3	2.1	2.3	2	2.5	1.6	75.4	100

October			N	NE	E	SE	S	SW	W	NW	Calm	Total
kts	km/h	m/s									70.4	70.4
1-3	2-6	0.6-1.5	1.9	6.9	5.6	1.8	0.5	0.6	0.7	0.7		18.7
4-16	7-30	1.6-8.5	0.4	4.7	3.3	0.9	0.3	0.2	0.5	0.4		10.7
17-27	31-50	8.6-14	0	0	0	0	0	0	0	0		0
>27	>50	>14	0	0	0	0	0	0	0	0		0
Total			2.3	11.6	8.9	2.7	0.8	0.8	1.2	1.1	70.4	100

November			N	NE	E	SE	S	SW	W	NW	Calm	Total
kts	km/h	m/s									69.1	69.1
1-3	2-6	0.6-1.5	3.1	8.7	4.7	1	0.2	0.1	0.5	1		19.3
4-16	7-30	1.6-8.5	1.1	5.8	4	0.5	0	0.1	0	0.1		11.6
17-27	31-50	8.6-14	0	0	0	0	0	0	0	0		0
>27	>50	>14	0	0	0	0	0	0	0	0		0
Total			4.2	14.5	8.7	1.5	0.2	0.2	0.5	1.1	69.1	100

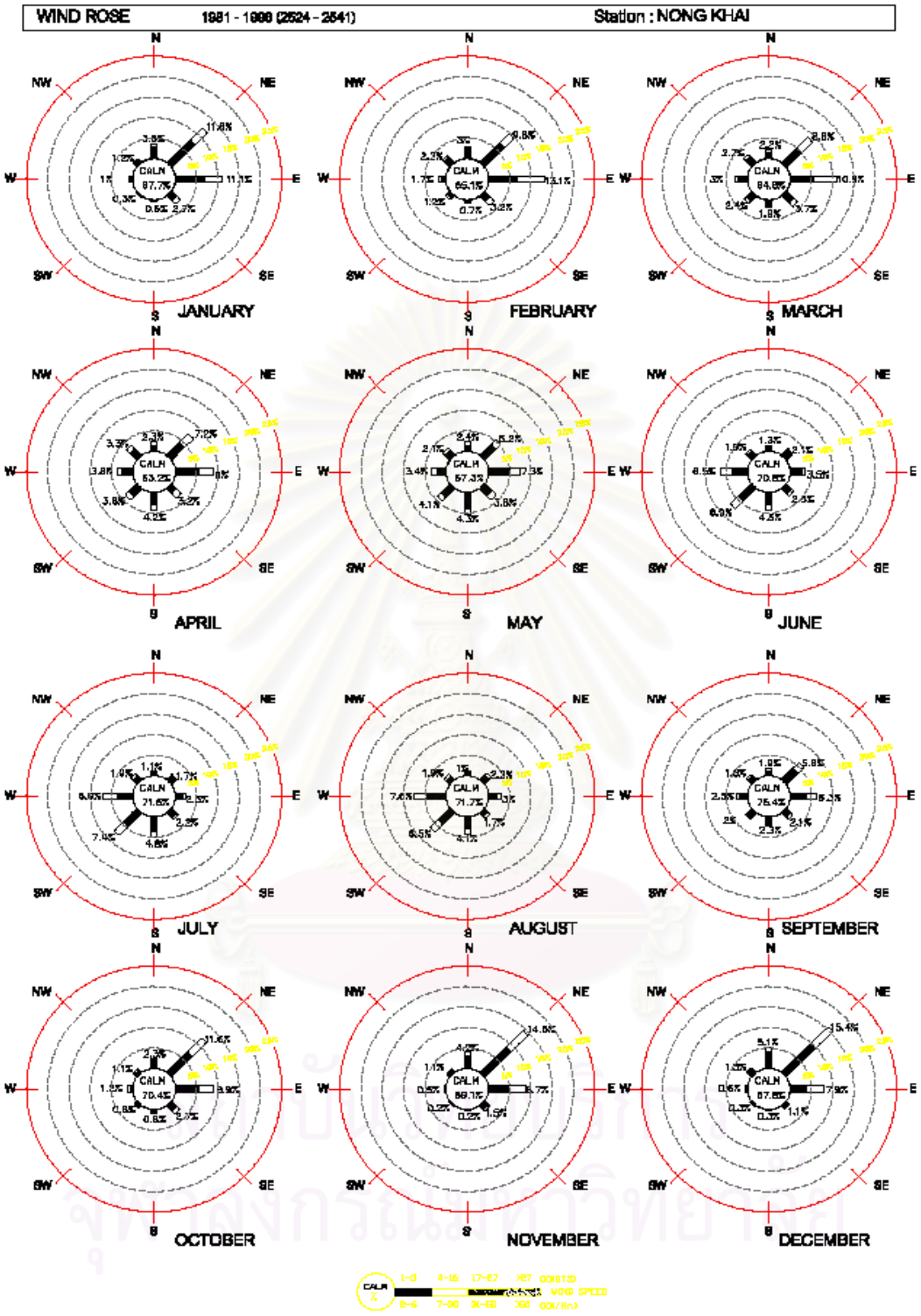
December			N	NE	E	SE	S	SW	W	NW	Calm	Total
kts	km/h	m/s									67.8	67.8
1-3	2-6	0.6-1.5	4.1	9.6	3.9	0.7	0.3	0.2	0.6	1.5		20.9
4-16	7-30	1.6-8.5	1	5.8	4	0.4	0	0.1	0	0		11.3
17-27	31-50	8.6-14	0	0	0	0	0	0	0	0		0
>27	>50	>14	0	0	0	0	0	0	0	0		0
Total			5.1	15.4	7.9	1.1	0.3	0.3	0.6	1.5	67.8	100

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)



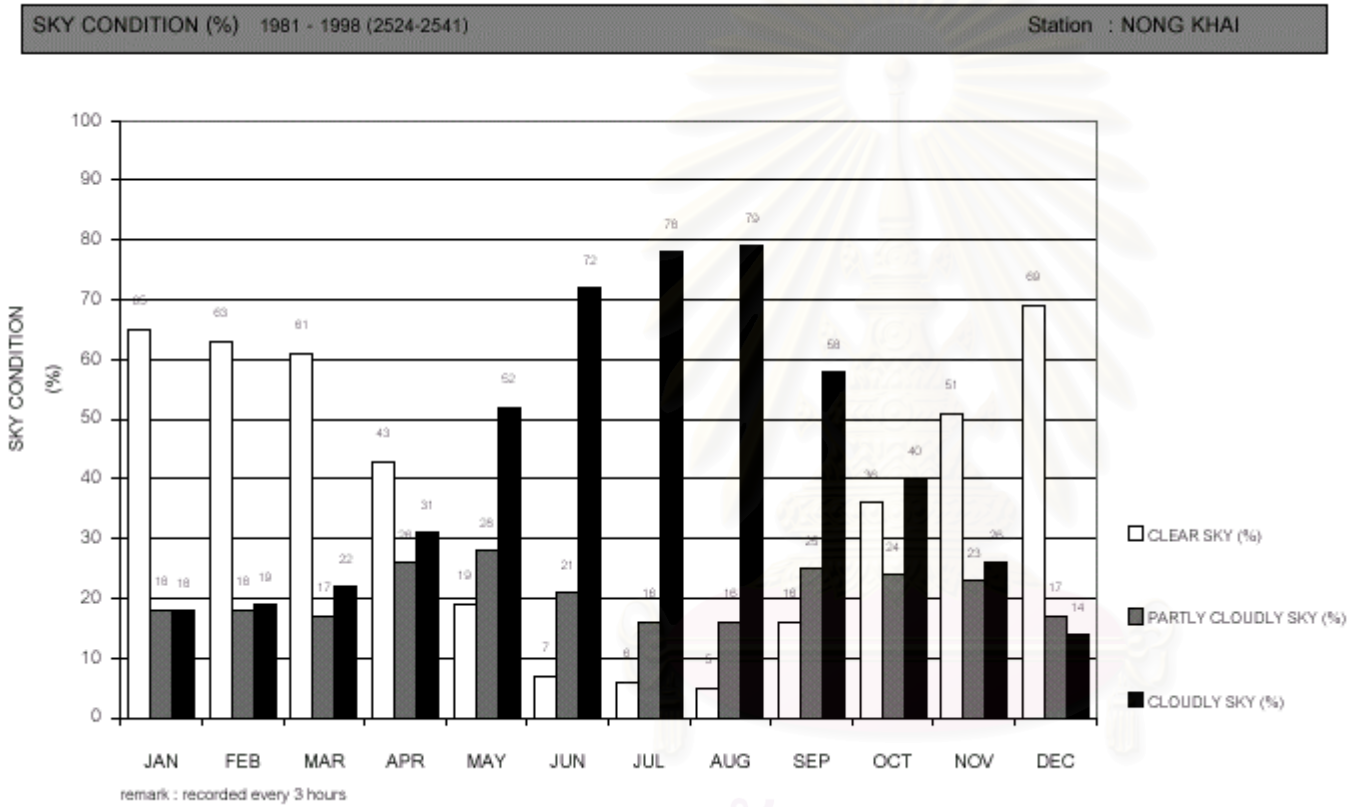
ตารางแสดงผลข้อมูลสภาพท้องฟ้าและสัดส่วนเปอร์เซ็นต์สภาพท้องฟ้า (sky cover and percentage of sky condition)

SKY COVER (%) & SKY CONDITION 1981 - 1998 (2524 - 2541) **Station : NONG KHAI**

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			Sky Condition		
	Clr	Part	Cld	Clr	Part	Cld	Clr	Part	Cld	Clr	Part	Cld	Clr	Part	Cld	Clr	Part	Cld	Clr	Part	Cld	Clr	Part	Cld	Clr	Part	Cld	Clr	Part	Cld	Clr	Part	Cld	Clr	Part	Cld	Clr	Part	Cld
1	71%	10%	18%	74%	15%	11%	60%	18%	22%	66%	15%	18%	31%	37%	32%	10%	33%	57%	10%	13%	78%	1%	7%	92%	5%	21%	74%	22%	35%	43%	62%	20%	18%	63%	18%	20%	40%	20%	40%
2	74%	13%	13%	70%	19%	11%	59%	17%	24%	65%	21%	14%	34%	35%	31%	7%	27%	66%	7%	20%	74%	4%	11%	85%	7%	18%	76%	24%	25%	51%	45%	25%	30%	64%	21%	15%	38%	21%	41%
3	61%	16%	23%	66%	18%	16%	61%	17%	22%	57%	27%	16%	37%	32%	31%	6%	29%	65%	10%	11%	79%	5%	19%	76%	4%	21%	75%	26%	26%	48%	54%	15%	31%	63%	18%	20%	38%	21%	42%
4	64%	14%	22%	63%	17%	21%	65%	12%	23%	54%	20%	26%	30%	29%	41%	7%	24%	70%	9%	10%	81%	7%	15%	78%	4%	26%	70%	13%	27%	60%	42%	19%	39%	65%	21%	14%	35%	19%	45%
5	63%	21%	16%	66%	19%	15%	47%	15%	38%	57%	13%	29%	19%	36%	45%	4%	18%	78%	4%	15%	81%	4%	24%	72%	4%	30%	65%	24%	25%	51%	57%	21%	23%	64%	18%	18%	35%	21%	44%
6	58%	23%	19%	74%	13%	14%	55%	10%	35%	52%	19%	29%	24%	33%	43%	5%	15%	80%	7%	15%	78%	6%	18%	76%	5%	12%	83%	29%	14%	57%	63%	21%	15%	63%	23%	14%	37%	18%	45%
7	61%	16%	23%	71%	15%	14%	57%	20%	24%	54%	28%	18%	26%	24%	51%	1%	15%	84%	6%	17%	77%	5%	20%	75%	1%	19%	79%	31%	29%	40%	65%	18%	17%	63%	18%	18%	37%	20%	43%
8	63%	20%	17%	74%	10%	17%	68%	14%	18%	55%	13%	32%	24%	26%	51%	7%	29%	64%	7%	17%	76%	1%	20%	79%	8%	11%	81%	32%	24%	43%	54%	21%	25%	72%	20%	8%	39%	19%	43%
9	69%	16%	15%	60%	20%	21%	68%	18%	14%	58%	26%	16%	22%	22%	56%	9%	18%	73%	4%	24%	73%	3%	20%	77%	8%	24%	68%	26%	24%	49%	38%	26%	36%	65%	21%	13%	36%	22%	43%
10	75%	15%	10%	63%	18%	20%	71%	15%	15%	70%	14%	16%	22%	25%	53%	11%	18%	71%	3%	19%	78%	4%	18%	78%	13%	25%	63%	26%	29%	45%	38%	29%	33%	70%	17%	13%	39%	20%	41%
11	74%	18%	8%	52%	19%	29%	71%	15%	14%	60%	26%	15%	21%	30%	49%	13%	14%	73%	1%	18%	82%	1%	16%	83%	17%	35%	48%	28%	21%	51%	46%	28%	26%	57%	21%	21%	37%	22%	42%
12	68%	20%	12%	61%	22%	17%	67%	18%	15%	40%	31%	29%	26%	28%	46%	8%	21%	71%	7%	15%	78%	6%	13%	82%	20%	32%	49%	35%	24%	42%	57%	21%	22%	68%	16%	16%	38%	22%	40%
13	74%	15%	10%	65%	18%	17%	63%	14%	24%	40%	26%	34%	21%	27%	51%	9%	20%	71%	1%	16%	82%	8%	13%	79%	21%	32%	48%	26%	27%	46%	41%	26%	33%	72%	22%	6%	37%	21%	42%
14	69%	22%	9%	65%	15%	19%	65%	14%	21%	34%	28%	38%	10%	35%	55%	8%	22%	70%	1%	10%	88%	5%	14%	81%	18%	30%	51%	32%	30%	38%	39%	26%	35%	82%	11%	7%	36%	22%	43%
15	76%	16%	8%	65%	18%	18%	65%	18%	17%	38%	30%	32%	22%	29%	49%	10%	24%	66%	4%	15%	80%	4%	12%	84%	25%	23%	52%	34%	29%	38%	45%	18%	37%	65%	20%	15%	38%	21%	41%
16	74%	13%	13%	60%	21%	20%	71%	13%	17%	29%	36%	35%	14%	28%	58%	11%	19%	70%	14%	18%	68%	2%	12%	86%	13%	30%	57%	29%	26%	45%	50%	25%	25%	74%	15%	11%	37%	21%	42%
17	67%	13%	20%	65%	16%	19%	76%	13%	11%	38%	24%	38%	16%	26%	57%	8%	15%	77%	13%	22%	65%	2%	22%	76%	18%	27%	55%	26%	20%	54%	43%	22%	35%	82%	10%	9%	38%	19%	43%
18	71%	10%	19%	66%	14%	20%	71%	15%	14%	37%	32%	32%	15%	27%	58%	8%	21%	71%	7%	22%	71%	2%	23%	75%	13%	24%	63%	28%	30%	42%	46%	21%	33%	72%	15%	13%	36%	21%	43%
19	63%	25%	12%	64%	16%	20%	67%	17%	16%	38%	29%	33%	16%	29%	54%	9%	17%	74%	7%	21%	72%	8%	17%	75%	11%	21%	68%	29%	24%	48%	57%	25%	18%	79%	12%	9%	37%	21%	42%
20	62%	23%	15%	68%	18%	14%	67%	14%	19%	33%	26%	41%	19%	32%	49%	8%	25%	67%	10%	13%	77%	7%	20%	73%	17%	20%	63%	40%	29%	30%	53%	29%	18%	73%	15%	13%	38%	22%	40%
21	66%	19%	15%	75%	12%	13%	53%	15%	32%	36%	30%	34%	26%	29%	45%	10%	26%	63%	10%	21%	68%	4%	19%	76%	18%	37%	46%	54%	20%	26%	59%	21%	20%	76%	13%	12%	41%	22%	37%
22	54%	20%	26%	65%	16%	19%	55%	21%	24%	29%	29%	43%	28%	33%	39%	3%	37%	60%	4%	21%	76%	5%	15%	79%	25%	25%	50%	45%	21%	34%	56%	21%	23%	68%	23%	10%	36%	24%	40%
23	60%	20%	21%	63%	18%	20%	54%	21%	24%	35%	26%	40%	21%	32%	48%	8%	20%	72%	8%	19%	73%	1%	9%	90%	24%	27%	49%	45%	19%	36%	63%	24%	14%	74%	15%	12%	38%	21%	41%
24	46%	22%	32%	58%	16%	26%	54%	25%	21%	26%	31%	43%	19%	27%	54%	6%	15%	79%	9%	12%	79%	3%	5%	92%	20%	27%	53%	45%	24%	32%	57%	24%	20%	78%	9%	13%	35%	20%	45%
25	43%	25%	32%	51%	25%	24%	57%	17%	26%	29%	34%	37%	13%	24%	63%	3%	14%	83%	6%	16%	78%	7%	10%	83%	32%	19%	49%	45%	18%	37%	51%	23%	26%	65%	23%	12%	34%	21%	46%
26	42%	24%	35%	46%	21%	32%	51%	23%	26%	32%	36%	32%	6%	33%	61%	4%	18%	77%	4%	18%	79%	8%	15%	76%	32%	28%	40%	43%	32%	25%	52%	22%	26%	76%	13%	12%	33%	24%	43%
27	58%	18%	24%	60%	18%	23%	51%	16%	33%	29%	30%	40%	9%	18%	73%	0%	16%	84%	4%	20%	76%	8%	20%	72%	32%	29%	40%	49%	26%	25%	45%	22%	33%	71%	15%	14%	35%	21%	45%
28	65%	11%	24%	55%	24%	21%	54%	17%	29%	35%	30%	35%	5%	21%	74%	1%	11%	88%	2%	14%	84%	7%	28%	65%	21%	29%	50%	56%	22%	22%	45%	21%	34%	65%	21%	13%	34%	21%	45%
29	74%	13%	13%	47%	34%	19%	52%	21%	26%	35%	29%	36%	4%	18%	78%	3%	22%	75%	3%	12%	85%	4%	15%	81%	31%	31%	38%	50%	21%	29%	60%	16%	24%	64%	18%	18%	35%	21%	44%
30	67%	18%	15%				62%	19%	19%	31%	24%	46%	7%	28%	65%	10%	20%	70%	4%	11%	85%	1%	7%	92%	30%	32%	38%	51%	22%	26%	60%	14%	26%	70%	10%	20%	36%	19%	46%
31	69%	16%	15%				47%	26%	26%				9%	29%	62%				4%	13%	83%	6%	21%	74%				59%	17%	24%				71%	12%	18%	38%	19%	43%
AVG %	65%	18%	18%	63%	18%	19%	61%	17%	22%	43%	26%	31%	19%	28%	52%	7%	21%	72%	6%	16%	78%	5%	16%	79%	16%	25%	58%	36%	25%	40%	51%	22%	26%	69%	17%	14%	37%	21%	43%
condition		2.9			3.0			3.3			4.6			6.8			8.2			8.5			8.7			7.1			5.4			4.1			2.6			5.4	

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

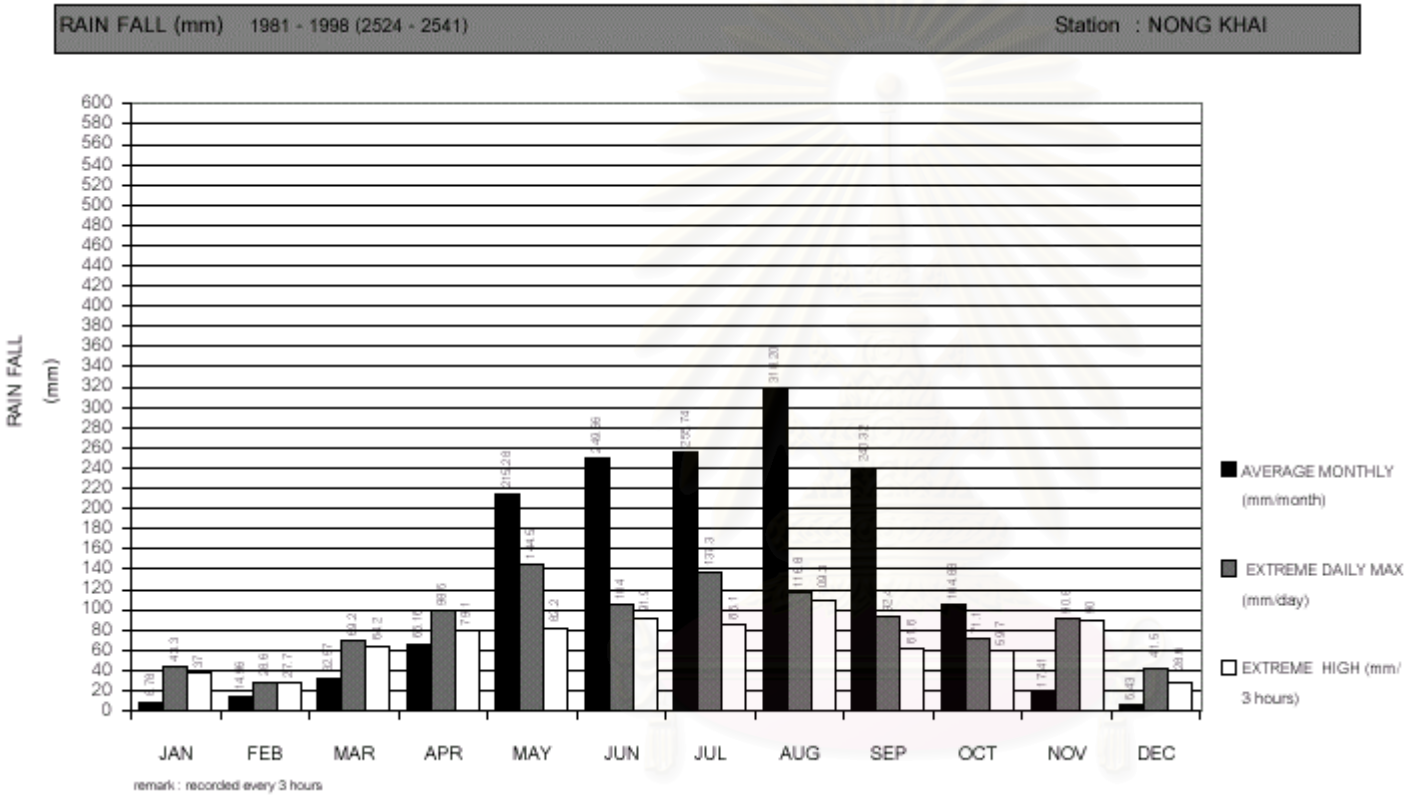
แผนภูมิสภาพท้องฟ้าและสัดส่วนเปอร์เซ็นต์สภาพท้องฟ้า (sky cover and percentage of sky condition)



ตารางแสดงผลข้อมูลปริมาณน้ำฝน (rain fall)

RAIN FALL (mm)	1981 - 1998 (2524 - 2541)												Station : NONG KHAI
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	0.1	0.0	0.0	0.3	0.4	4.7	5.0	13.7	20.4	6.4	0.0	0.1	51.0
2	0.0	0.0	0.4	1.0	0.4	18.0	7.8	9.1	15.9	6.8	0.1	0.0	59.5
3	2.6	0.0	2.2	0.0	5.9	12.2	5.5	5.7	12.1	6.1	54.6	2.4	109.4
4	0.7	0.7	0.6	1.1	3.3	10.2	9.9	14.4	4.2	6.9	1.0	0.0	53.0
5	1.1	1.0	0.7	0.8	10.0	8.9	7.2	8.9	8.3	11.1	1.3	0.0	59.4
6	1.9	0.1	0.2	0.8	1.1	16.6	6.8	15.6	7.2	5.4	0.0	0.0	55.7
7	0.2	0.0	0.0	2.5	3.9	9.5	3.7	8.2	18.8	8.9	1.1	0.7	57.5
8	0.1	0.0	0.5	3.0	3.8	7.6	3.8	11.3	15.7	4.4	0.5	0.0	50.8
9	0.0	0.0	0.5	0.7	6.1	13.5	7.1	11.1	14.0	0.7	2.7	0.0	56.4
10	0.0	1.3	1.6	0.1	6.9	9.3	10.1	13.0	6.9	0.4	0.3	0.0	49.9
11	0.0	0.2	0.2	0.0	11.0	7.1	5.3	9.2	7.3	3.5	0.4	0.0	44.2
12	0.0	0.1	0.4	4.4	2.6	6.4	18.3	9.1	3.1	5.8	0.0	0.0	50.2
13	0.0	0.1	1.2	5.4	3.8	15.6	10.4	4.8	4.8	0.8	0.2	0.0	47.0
14	0.0	0.0	4.1	1.0	8.7	8.5	10.6	8.8	5.6	2.4	2.0	0.0	51.7
15	0.0	1.9	0.5	1.8	9.4	8.4	8.7	12.3	3.7	0.7	0.1	0.0	47.4
16	0.0	1.1	0.0	0.5	6.9	6.3	15.9	11.7	8.1	2.9	0.1	0.0	53.4
17	0.0	0.0	0.0	4.0	3.8	6.0	10.4	11.9	11.7	5.1	1.7	0.0	54.6
18	0.0	0.5	0.3	1.4	6.3	3.4	4.9	7.0	9.7	5.4	0.1	0.0	39.0
19	0.0	1.4	0.0	1.2	6.5	7.2	4.4	10.6	6.2	4.7	0.0	0.0	42.2
20	0.0	2.8	1.4	3.5	6.1	3.2	6.3	5.4	7.1	0.2	0.1	0.0	36.1
21	0.0	0.3	1.2	0.2	4.6	3.0	9.2	9.1	4.8	3.7	0.4	0.0	36.4
22	0.8	0.5	0.5	1.5	15.6	4.8	13.6	8.1	9.5	0.2	0.0	0.0	55.2
23	0.0	0.1	3.0	1.7	15.1	9.2	10.8	17.8	8.8	3.8	0.0	0.0	70.2
24	0.0	0.2	1.8	1.1	12.3	7.8	7.4	18.3	7.1	0.9	0.0	0.4	57.4
25	0.6	0.3	1.4	3.8	5.9	6.5	3.9	14.7	3.4	2.8	0.0	0.5	43.7
26	0.3	0.4	1.8	1.6	7.7	10.1	10.1	16.0	5.7	0.5	0.0	0.0	54.2
27	0.2	1.3	2.5	13.9	10.4	5.4	5.3	4.0	0.5	0.1	0.0	0.0	43.8
28	0.0	0.5	2.1	1.4	15.3	6.7	4.0	1.7	3.2	0.7	0.0	0.2	35.9
29	0.0	0.0	1.5	3.3	9.1	7.3	4.1	3.8	3.9	3.7	0.0	0.9	37.4
30	0.0		0.1	3.9	8.0	6.4	7.4	13.3	2.7	0.0	0.0	0.1	42.0
31	0.0		1.8		4.2		17.8	9.8		0.1		0.0	33.7
Monthly	8.8	15.0	32.6	66.2	215.3	249.7	255.7	318.2	240.3	104.9	17.4	5.4	1,529.4
Daily record high	43.3	28.6	69.2	98.5	144.5	104.0	137.3	116.8	92.4	71.1	90.8	41.5	144.5
3 hr. Extremes	37.0	27.7	64.2	79.1	82.2	91.9	85.1	109.3	61.6	59.7	90.0	28.6	109.3
No. of rainy days	1	3	4	8	16	19	21	23	17	9	2	1	124

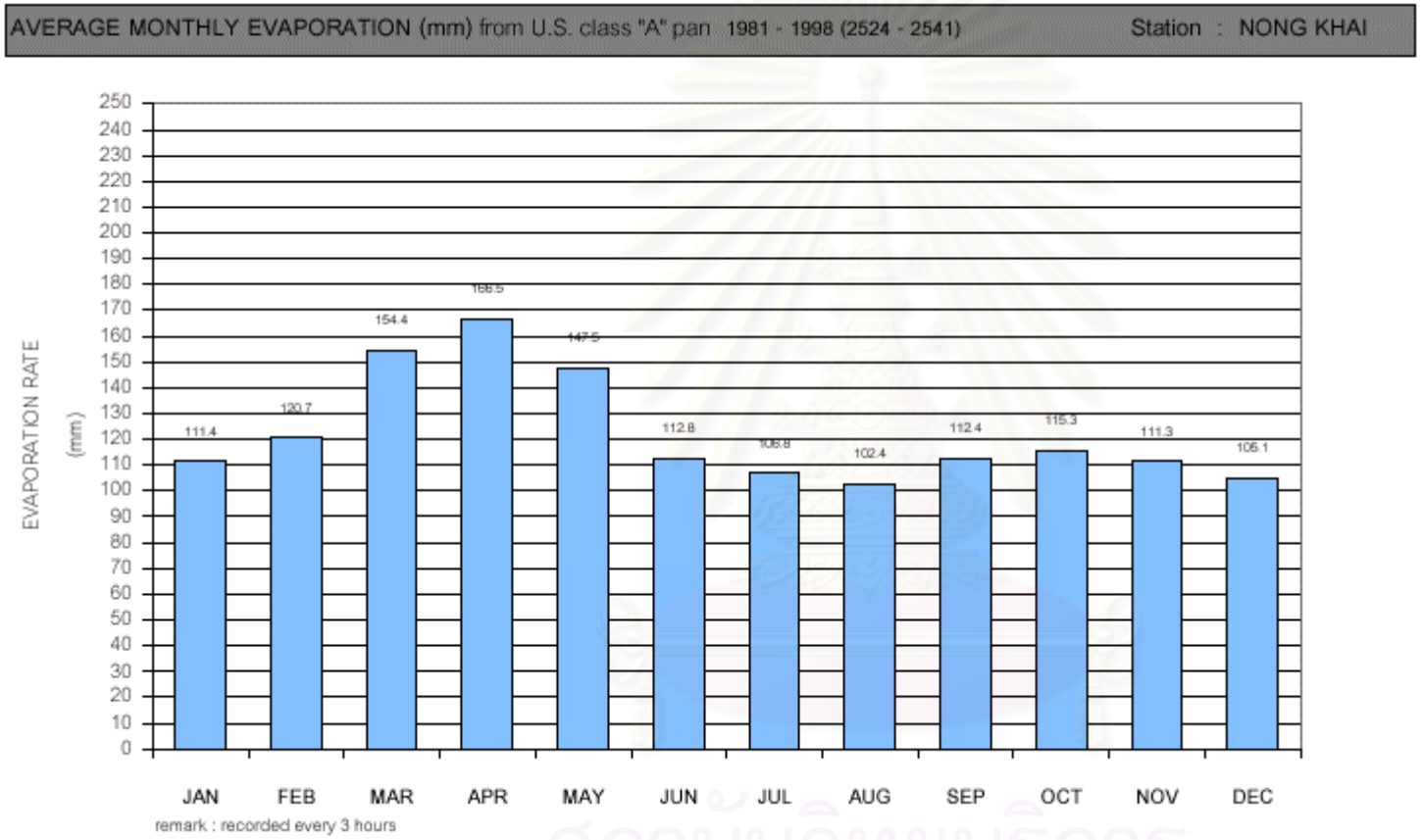
แผนภูมิปริมาณน้ำฝน (rain fall)



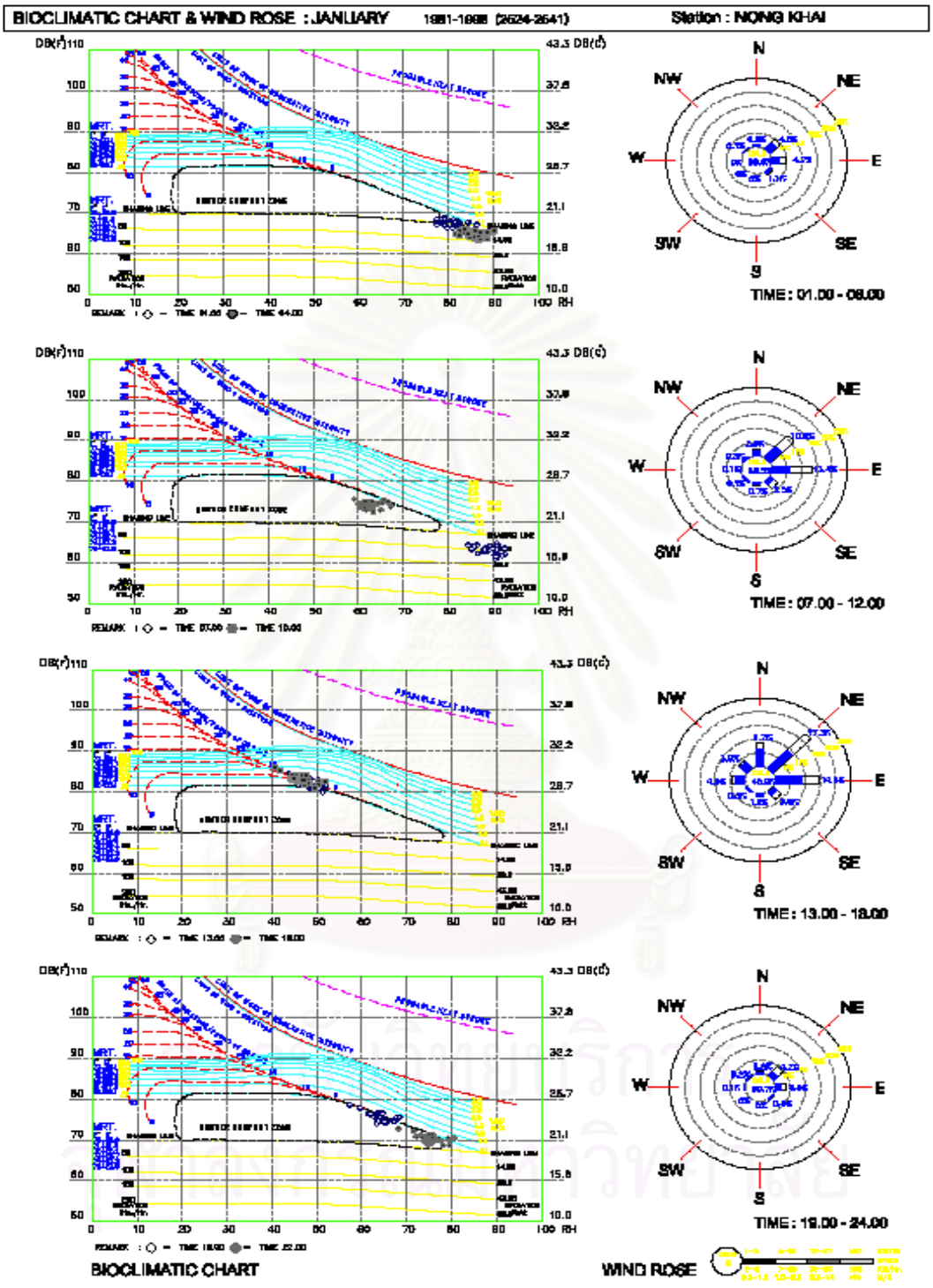
ตารางแสดงผลข้อมูลค่าเฉลี่ยอัตราการระเหยของน้ำรายวัน (evaporation)

EVAPORATION (mm) 1981 - 1998 (2524 - 2541)													Station : NONG KHAI
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	3.0	4.3	5.0	5.3	5.3	4.2	3.9	3.2	3.3	3.5	4.0	3.6	48.6
2	3.4	4.2	4.7	5.6	6.0	3.7	4.2	3.2	3.4	4.2	4.0	3.3	50.1
3	3.1	3.9	4.4	5.7	6.1	3.7	3.8	3.7	3.2	3.5	3.8	3.2	48.2
4	3.1	4.2	4.9	5.0	5.6	3.9	3.3	3.3	3.3	4.0	3.7	3.3	47.4
5	3.7	3.8	4.1	4.6	5.3	4.0	3.3	3.2	3.7	3.3	3.3	3.7	46.0
6	3.3	4.2	4.1	5.3	5.5	3.9	3.5	3.4	3.6	3.5	3.8	3.9	47.9
7	3.3	4.0	4.3	6.3	5.7	3.2	3.5	3.6	3.6	3.5	3.8	3.6	48.3
8	3.7	3.9	4.6	5.5	5.1	3.5	3.6	3.4	3.2	3.8	3.8	3.6	47.7
9	3.7	3.9	4.8	5.5	5.1	3.6	4.0	3.3	3.3	3.8	3.6	3.5	48.1
10	3.6	3.9	4.6	5.7	5.0	4.1	3.4	3.5	3.6	3.8	3.5	3.3	48.0
11	3.5	3.9	4.9	5.9	4.5	3.6	3.8	3.3	3.8	4.0	3.4	3.3	47.9
12	3.7	4.0	4.6	5.8	4.9	4.2	3.6	3.4	3.6	3.5	3.7	3.3	48.4
13	3.7	3.9	4.9	5.0	4.6	3.6	3.7	3.3	3.8	3.5	3.6	3.3	47.1
14	3.6	3.8	4.9	5.9	4.5	3.4	2.5	3.0	3.6	3.7	3.6	3.8	46.2
15	3.7	4.1	4.8	5.9	4.7	3.9	2.7	3.1	3.8	3.6	3.4	3.5	47.2
16	3.4	4.1	5.3	5.6	4.6	4.1	2.8	3.0	4.2	3.2	3.5	3.3	47.1
17	3.4	4.2	5.5	5.6	4.2	4.1	3.7	3.1	4.2	3.3	3.5	3.4	48.3
18	3.4	4.2	5.5	5.9	4.6	3.6	3.4	3.4	4.1	3.7	3.7	3.7	49.2
19	4.1	4.3	5.2	6.1	4.5	3.8	3.6	3.8	3.4	3.5	4.0	3.4	49.6
20	3.9	4.3	5.2	4.8	4.3	3.8	3.8	3.4	2.8	3.7	3.9	3.4	47.2
21	3.9	4.5	5.4	5.4	4.5	4.1	3.7	3.4	4.3	4.1	3.6	3.6	50.4
22	3.7	4.5	5.2	5.5	5.2	4.1	3.6	3.2	3.8	3.4	3.5	3.5	49.2
23	3.9	4.5	5.0	5.6	4.7	3.8	3.1	3.0	3.3	3.9	4.0	3.3	47.9
24	3.5	4.1	5.8	6.1	5.0	3.8	3.2	2.6	4.0	3.9	4.2	3.4	49.6
25	3.5	4.4	5.5	5.3	4.1	3.6	3.6	3.0	4.0	3.9	3.7	3.1	47.7
26	3.9	4.0	5.6	5.8	4.5	3.8	3.6	3.2	4.3	4.1	3.3	3.3	49.5
27	3.6	4.4	5.1	5.6	3.3	3.5	3.7	3.6	4.4	3.8	3.8	3.6	48.2
28	3.3	4.9	4.9	5.4	3.8	3.0	3.5	3.8	4.0	3.7	3.8	3.0	47.2
29	3.7	4.4	5.2	5.4	4.0	3.7	3.0	3.1	4.5	4.1	3.8	2.8	47.6
30	4.0		5.2	5.4	4.1	3.6	3.4	2.7	4.2	4.0	4.0	2.7	43.4
31	4.3		5.2		4.3		2.7	3.9		3.9		3.2	27.4
AVG.Monthly	111.4	120.7	154.4	166.5	147.5	112.8	106.8	102.4	112.4	115.3	111.3	105.1	1,466.6
Daily Mean	3.6	4.2	5.0	5.6	4.8	3.8	3.4	3.3	3.7	3.7	3.7	3.4	4.0
Extremes	6.9	8.6	12.3	12.1	13.2	8.4	8.0	8.3	11.2	6.9	7.7	6.6	13.2

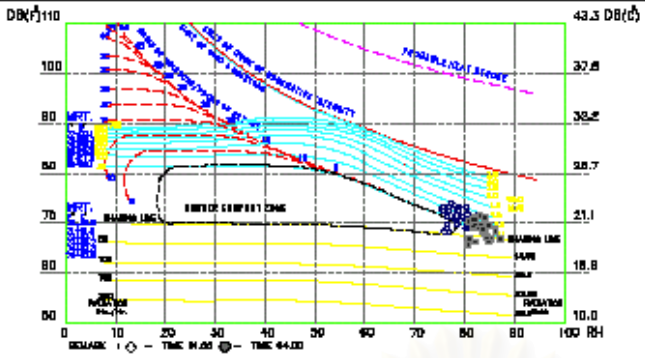
แผนภูมิค่าเฉลี่ยอัตราการระเหยของน้ำรายเดือน (average monthly evaporation from U.S. class "A" pan)

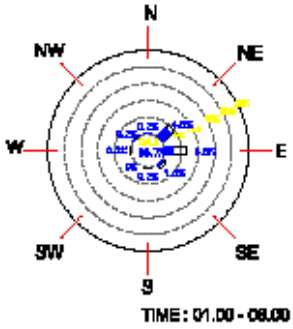


แผนภูมิความสัมพันธ์ระหว่างข้อมูลสภาวะอากาศในแผนภูมิไบโอไคลเมตริก (bioclimatic chart) กับแผนภูมิแสดงความถี่ของลมในแต่ละความเร็วและทิศทางที่เกิดลมรายเดือน (wind rose) แยกตามช่วงเวลา

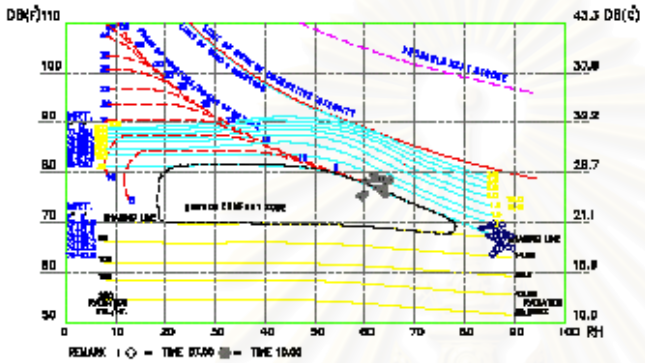


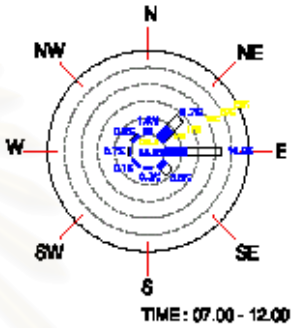
BIOCLIMATIC CHART & WIND ROSE : FEBRUARY 1981-1998 (2524-2541) Station : NONG KHAI



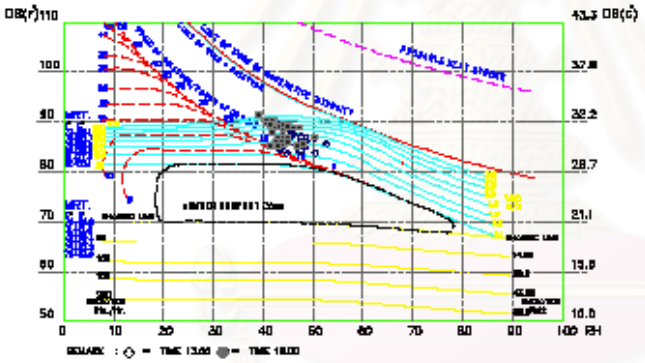


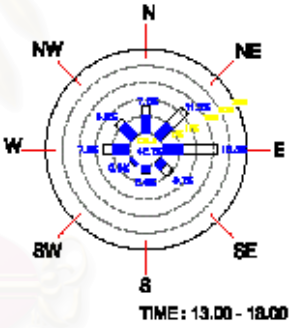
TIME : 01.00 - 06.00



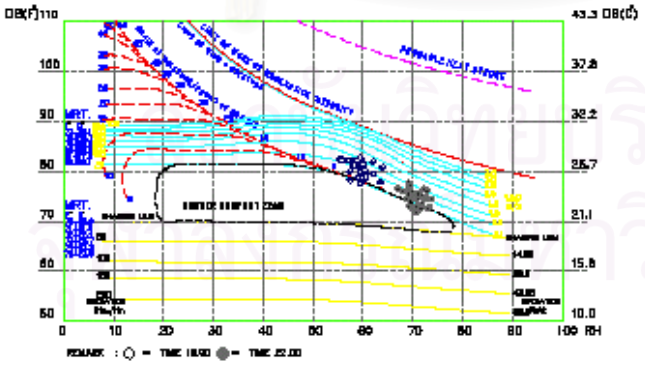


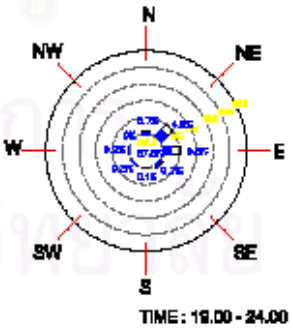
TIME : 07.00 - 12.00





TIME : 13.00 - 18.00



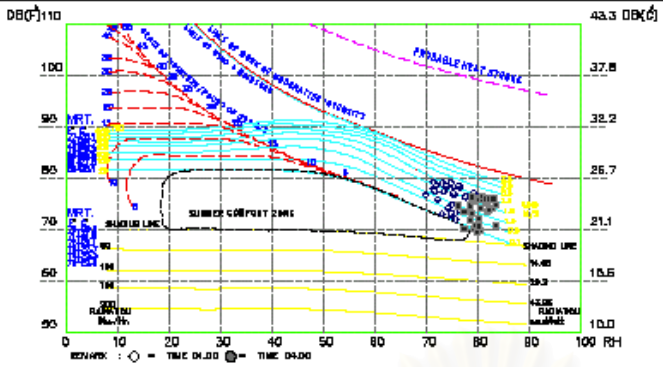


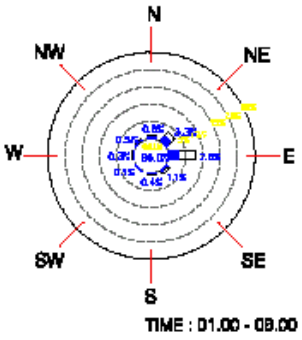
TIME : 19.00 - 24.00

BIOCLIMATIC CHART

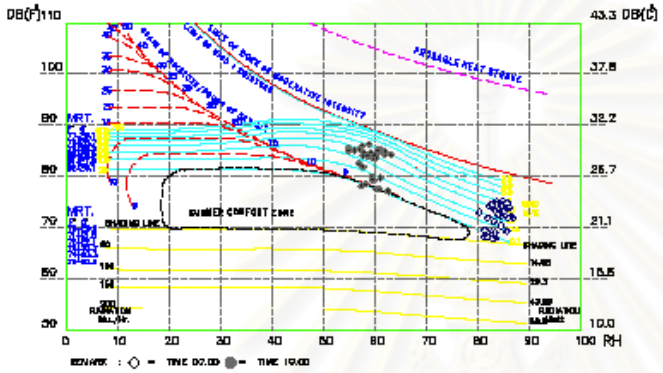
WIND ROSE

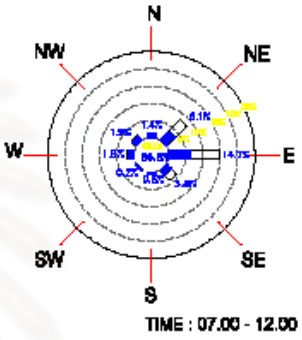
BIOCLIMATIC CHART & WIND ROSE : MARCH **1981-1998 (2524-2541)** **Station : NONG KHAI**



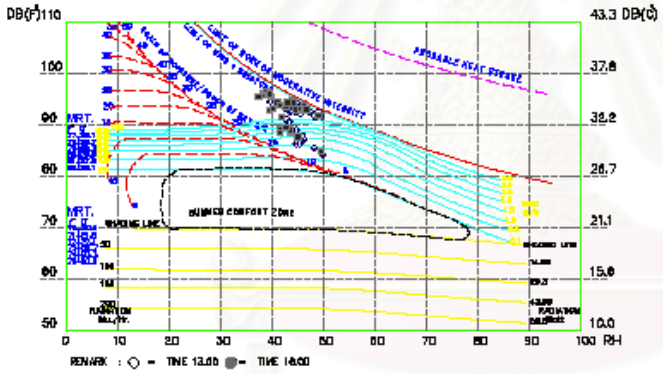


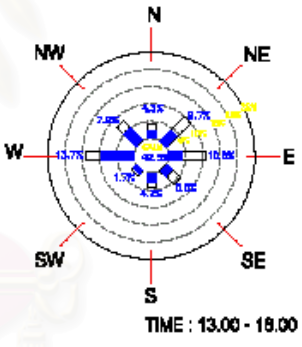
TIME : 01.00 - 06.00



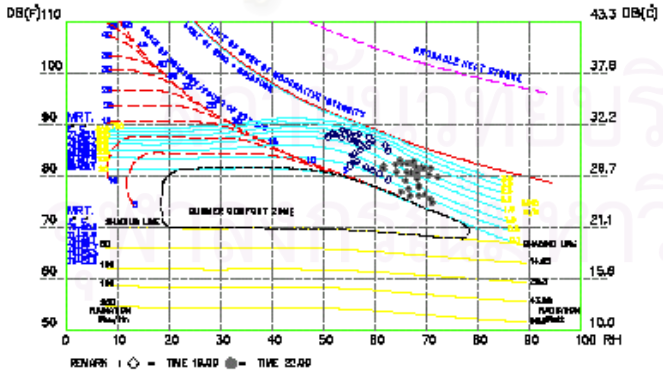


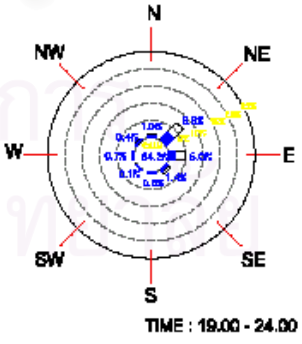
TIME : 07.00 - 12.00





TIME : 13.00 - 18.00



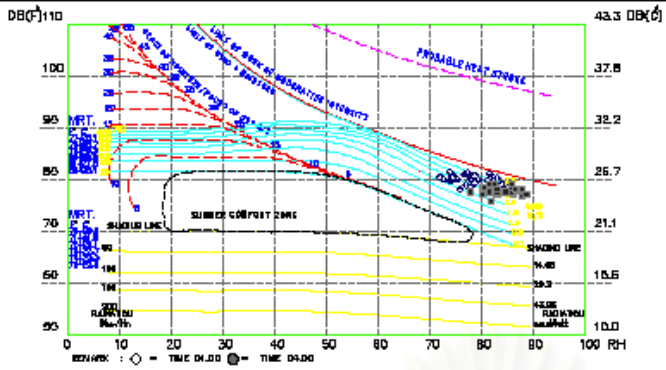


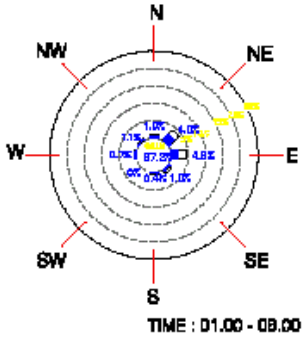
TIME : 19.00 - 24.00

BIOCLIMATIC CHART

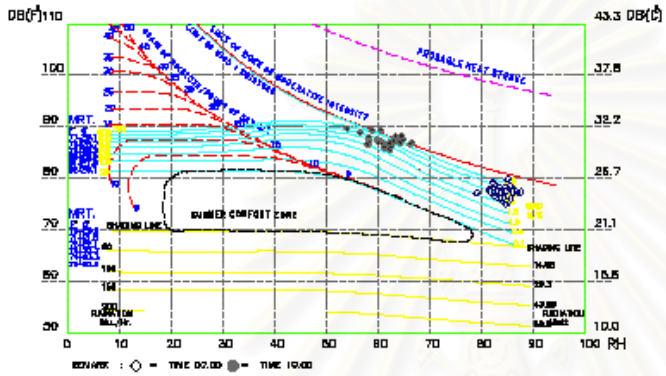
WIND ROSE

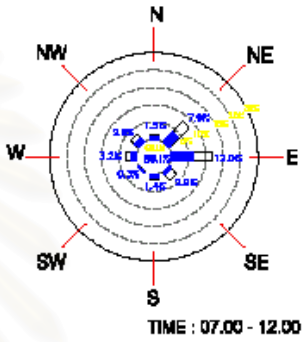
BIOCLIMATIC CHART & WIND ROSE : APRIL 1981-1998 (2524-2541) **Station : NONG KHAI**



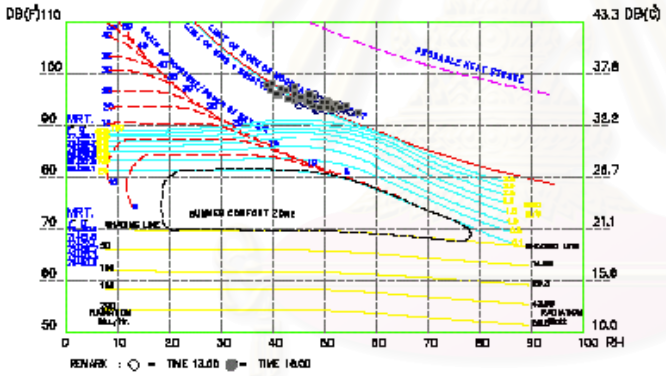


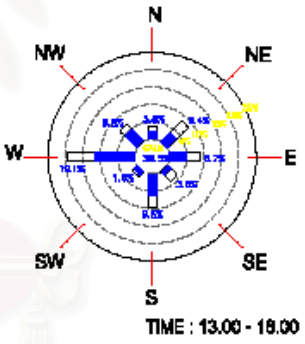
TIME : 01.00 - 06.00



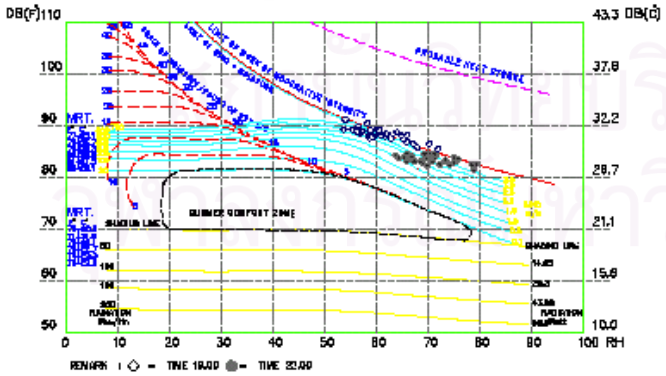


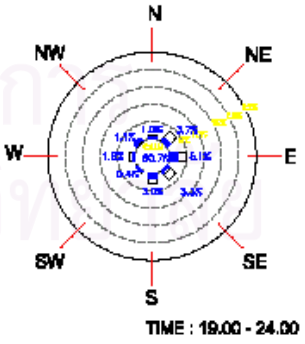
TIME : 07.00 - 12.00





TIME : 13.00 - 18.00



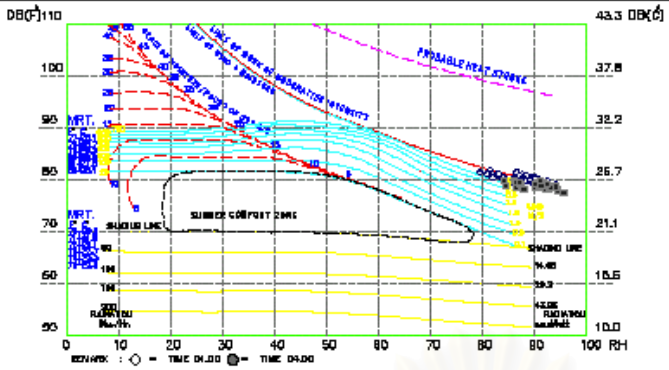


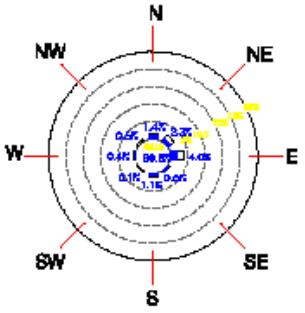
TIME : 19.00 - 24.00

BIOCLIMATIC CHART

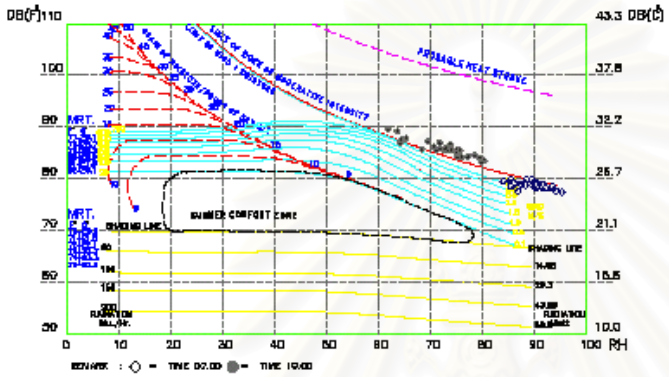
WIND ROSE

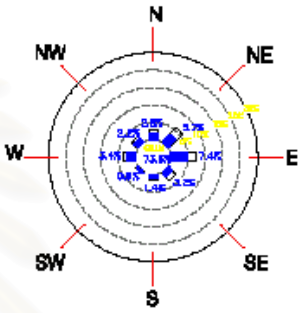
BIOCLIMATIC CHART & WIND ROSE : MAY **1981-1998 (2524-2541)** **Station : NONG KHAI**



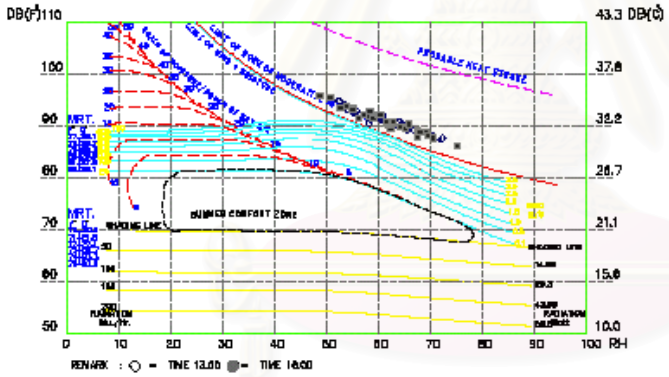


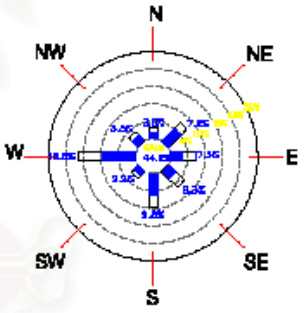
TIME : 01.00 - 06.00



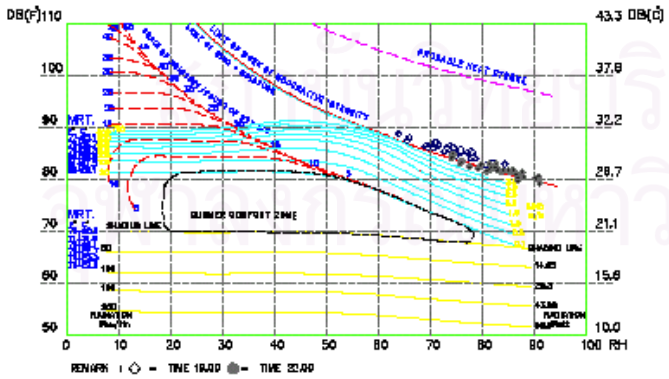


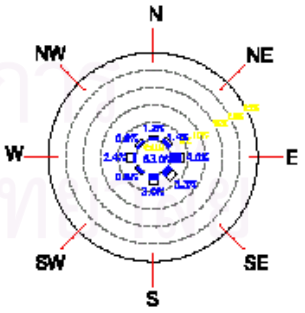
TIME : 07.00 - 12.00





TIME : 13.00 - 18.00



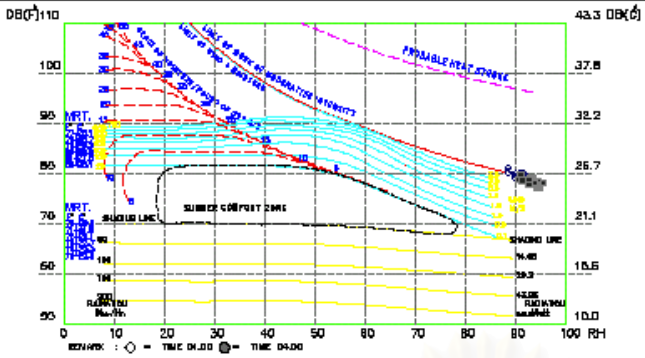


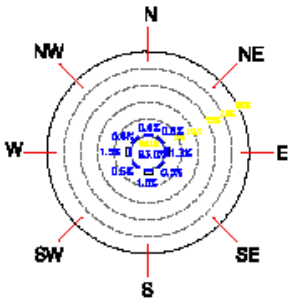
TIME : 19.00 - 24.00

BIOCLIMATIC CHART

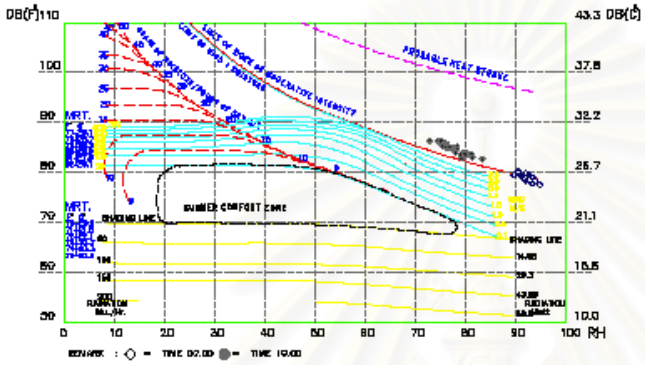
WIND ROSE

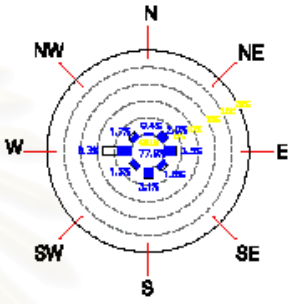
BIOCLIMATIC CHART & WIND ROSE : JUNE **1981-1998 (2524-2541)** **Station : NONG KHAI**



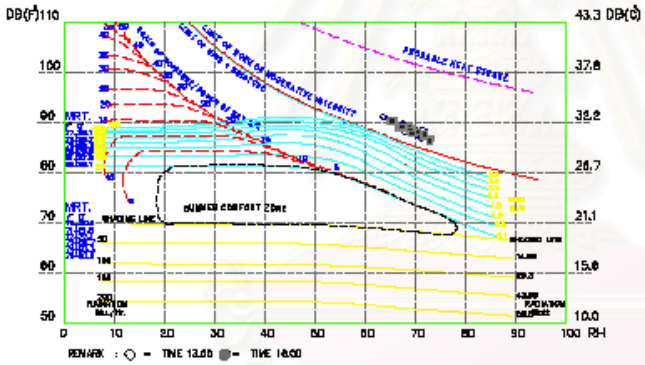


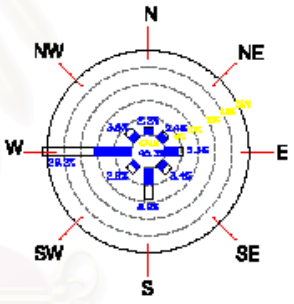
TIME : 01.00 - 08.00



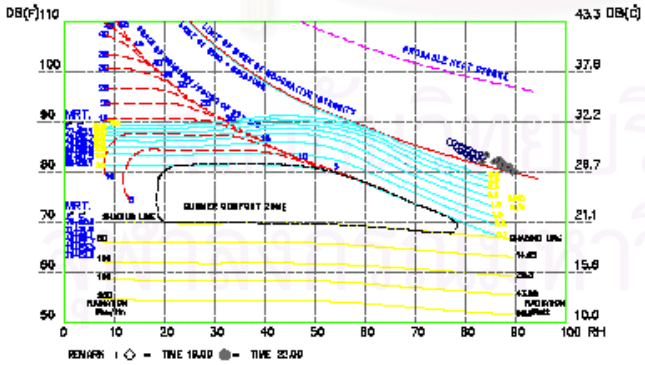


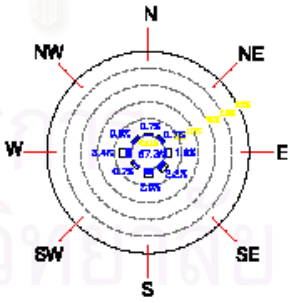
TIME : 07.00 - 12.00





TIME : 13.00 - 18.00



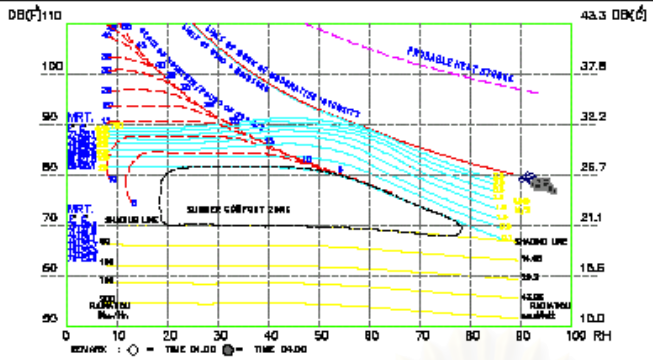


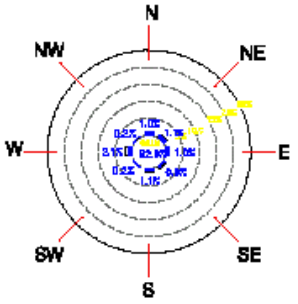
TIME : 19.00 - 24.00

BIOCLIMATIC CHART

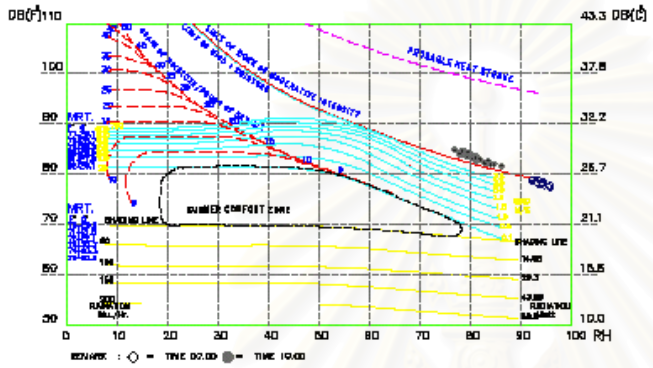
WIND ROSE

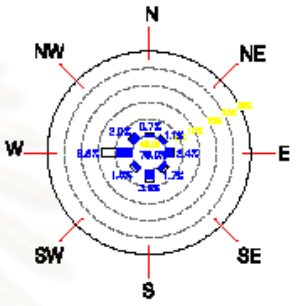
BIOCLIMATIC CHART & WIND ROSE : JULY **1981-1990 (2524-2541)** **Station : NONG KHAI**



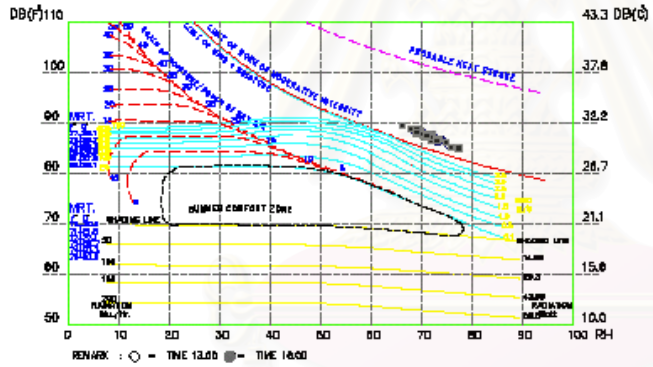


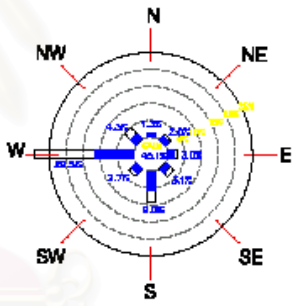
TIME : 01.00 - 06.00



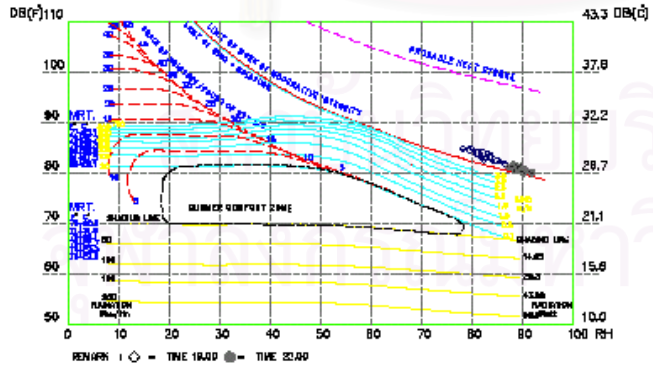


TIME : 07.00 - 12.00





TIME : 13.00 - 18.00

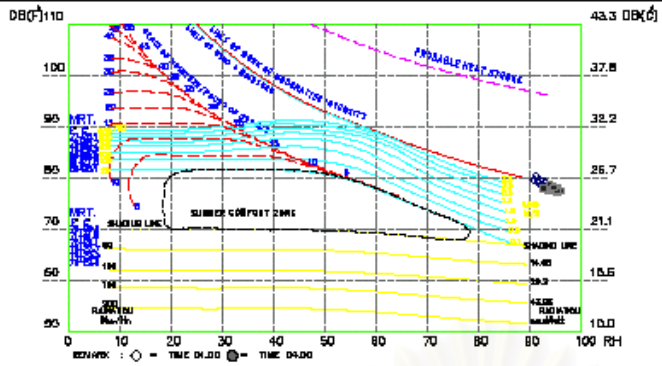


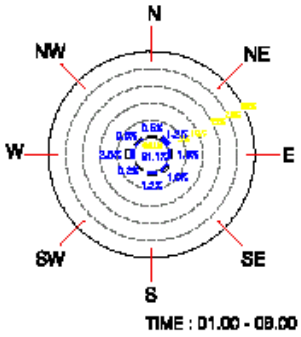
TIME : 19.00 - 24.00

BIOCLIMATIC CHART

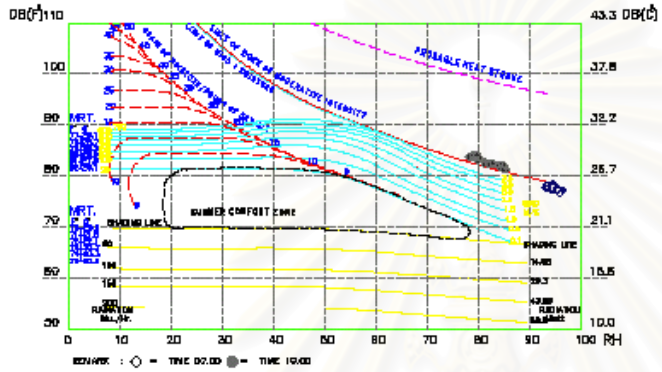
WIND ROSE

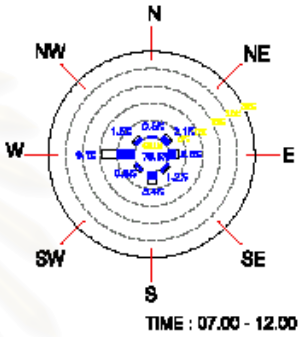
BIOCLIMATIC CHART & WIND ROSE : AUGUST 1981-1998 (2524-2541) Station : NONG KHAI



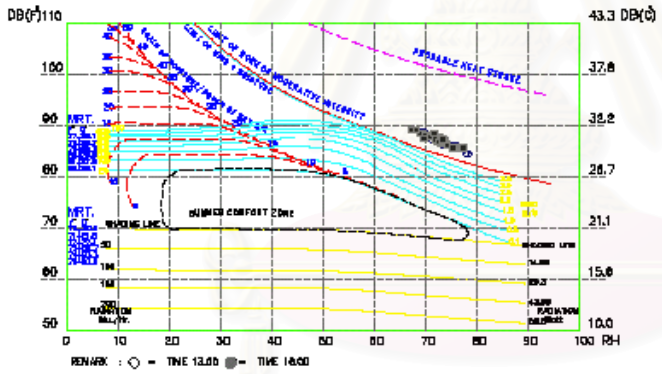


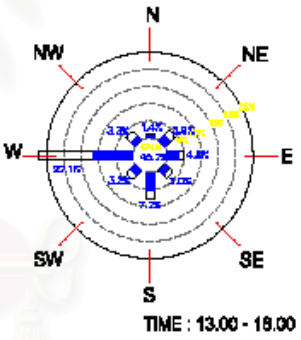
TIME : 01.00 - 06.00



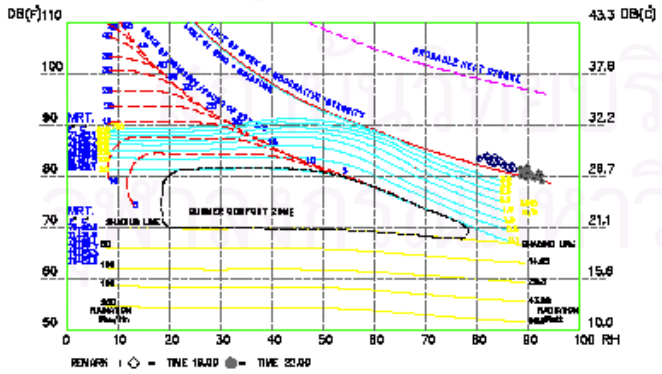


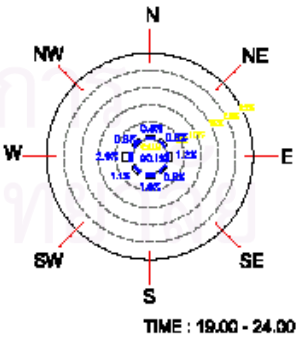
TIME : 07.00 - 12.00





TIME : 13.00 - 18.00



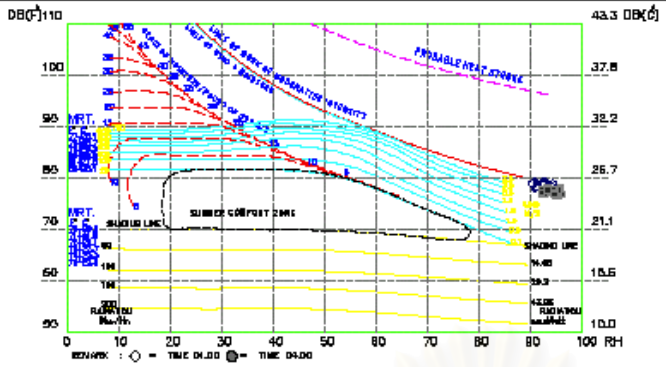


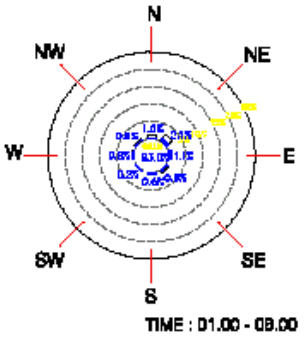
TIME : 19.00 - 24.00

BIOCLIMATIC CHART

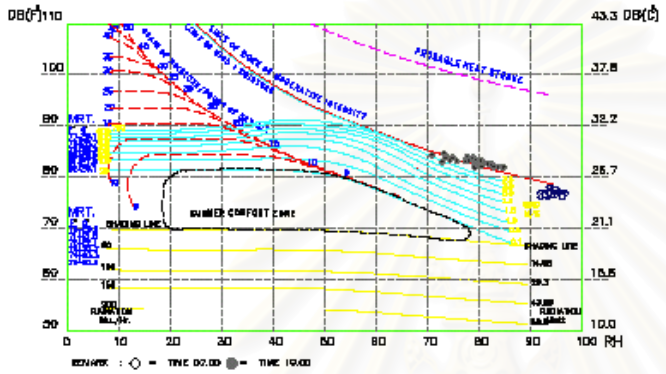
WIND ROSE

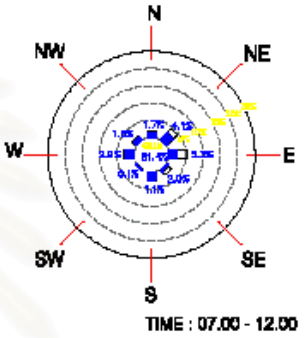
BIOCLIMATIC CHART & WIND ROSE : SEPTEMBER 1981-1998 (2524-2541) **Station : NONG KHAI**



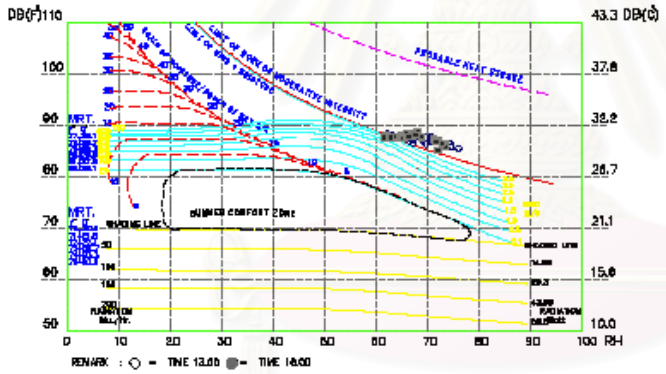


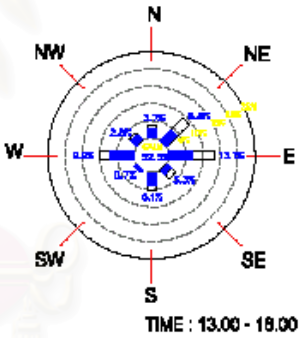
TIME : 01.00 - 06.00



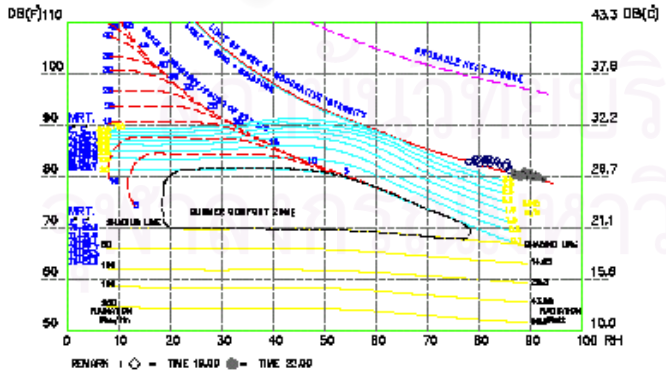


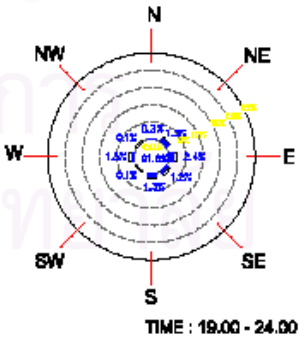
TIME : 07.00 - 12.00





TIME : 13.00 - 18.00



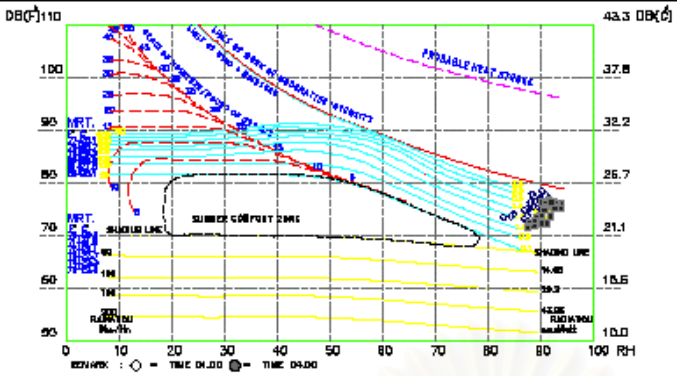


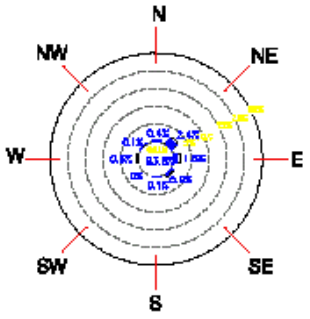
TIME : 19.00 - 24.00

BIOCLIMATIC CHART

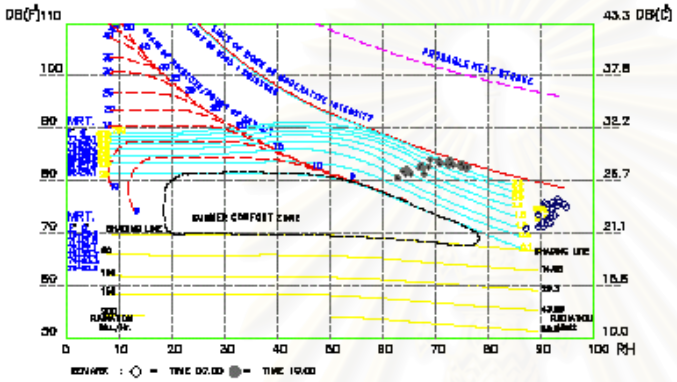
WIND ROSE

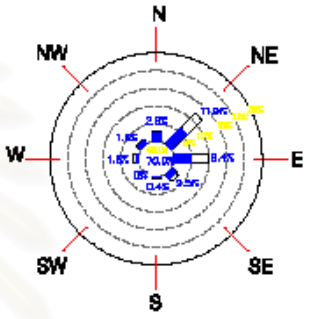
BIOCLIMATIC CHART & WIND ROSE : OCTOBER 1981-1998 (2524-2541) **Station : NONG KHAI**



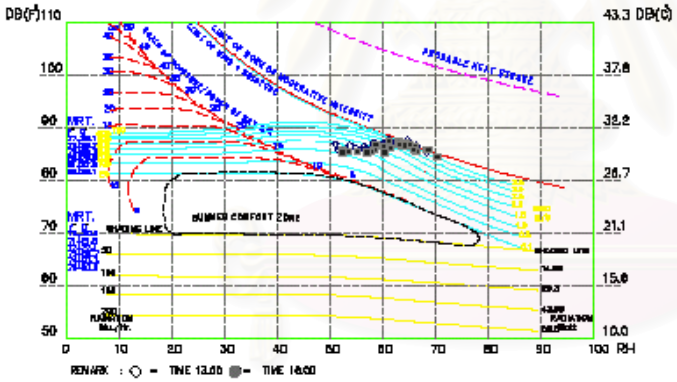


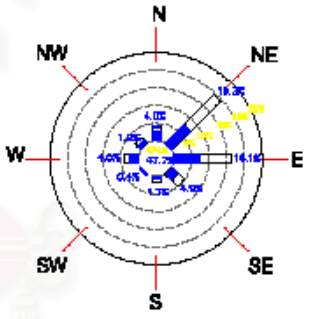
TIME : 01.00 - 06.00



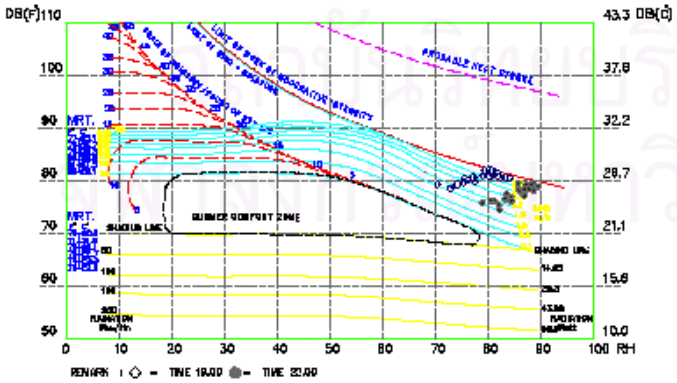


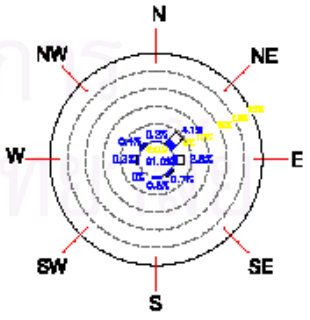
TIME : 07.00 - 12.00





TIME : 13.00 - 18.00



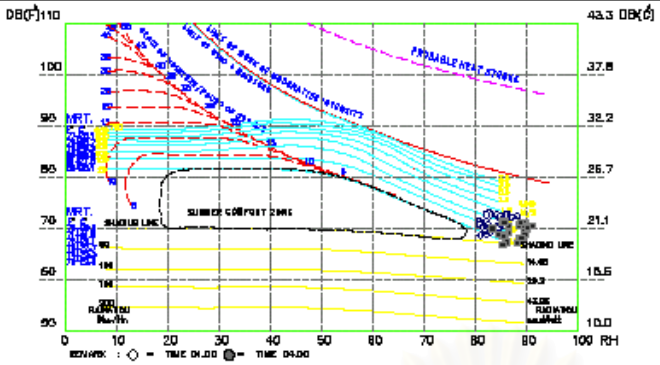


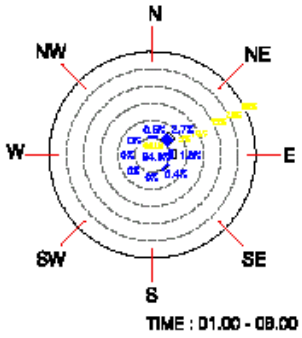
TIME : 19.00 - 24.00

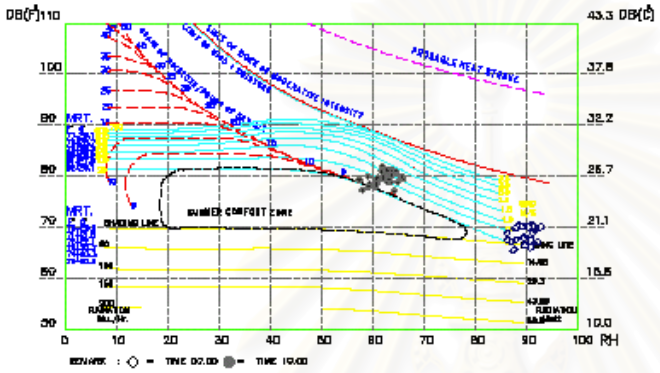
BIOCLIMATIC CHART

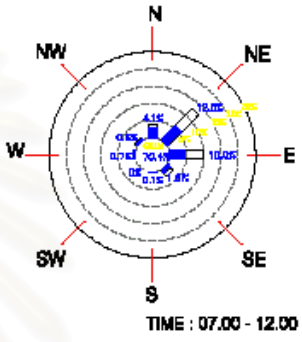
WIND ROSE

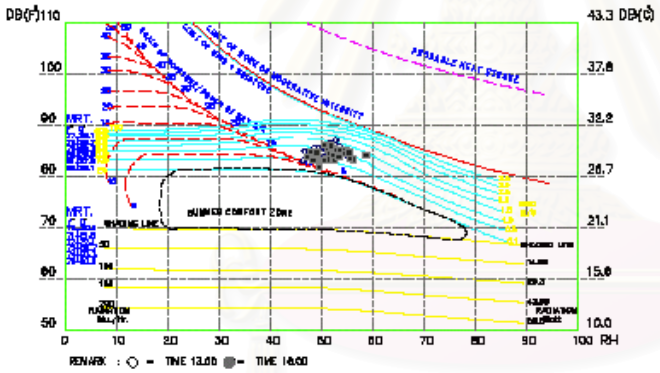
BIOCLIMATIC CHART & WIND ROSE : NOVEMBER 1981-1998 (2524-2541) Station : NONG KHAI

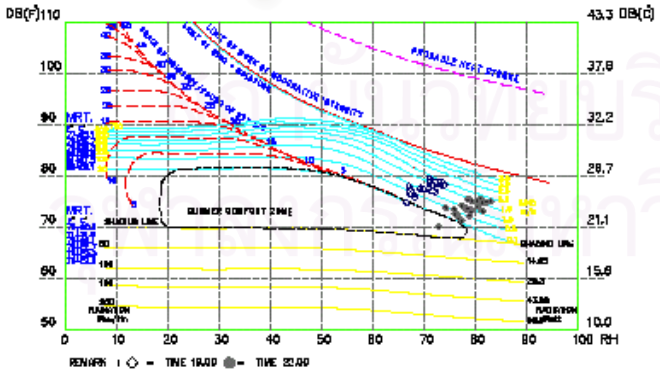


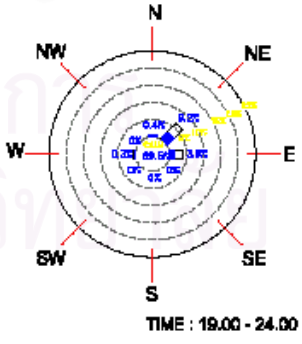








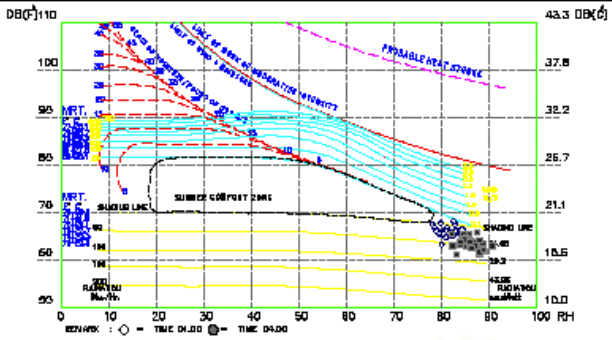


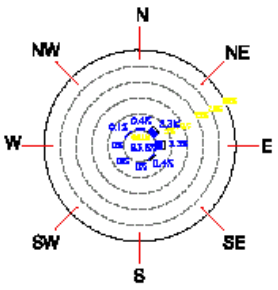


BIOCLIMATIC CHART

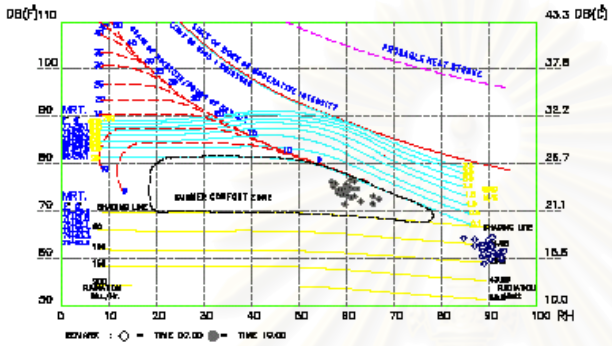
WIND ROSE

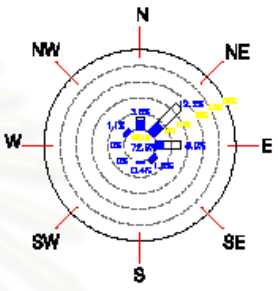
BIOCLIMATIC CHART & WIND ROSE : DECEMBER 1981-1998 (2524-2541) Station : NONG KHAI



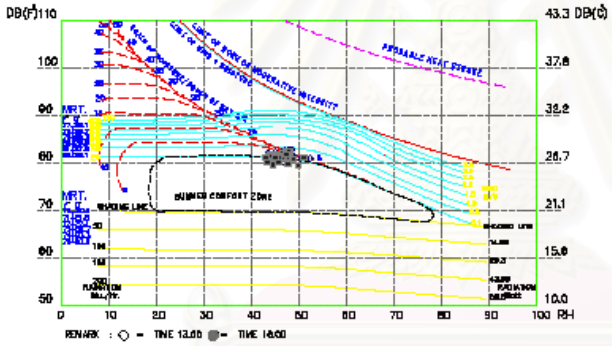


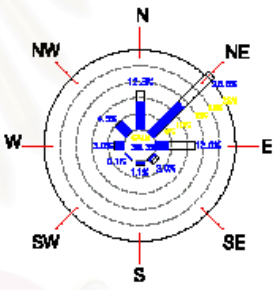
TIME : 01.00 - 06.00



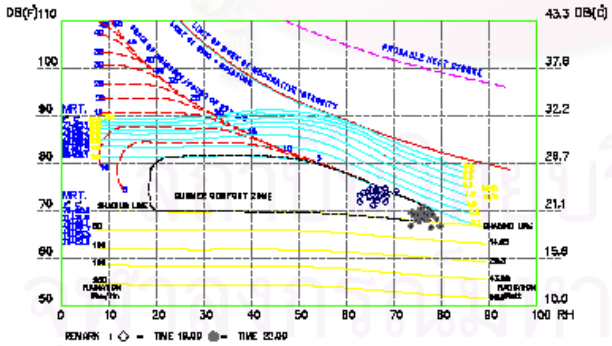


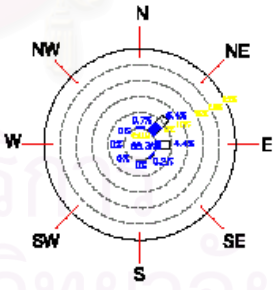
TIME : 07.00 - 12.00





TIME : 13.00 - 18.00

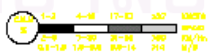




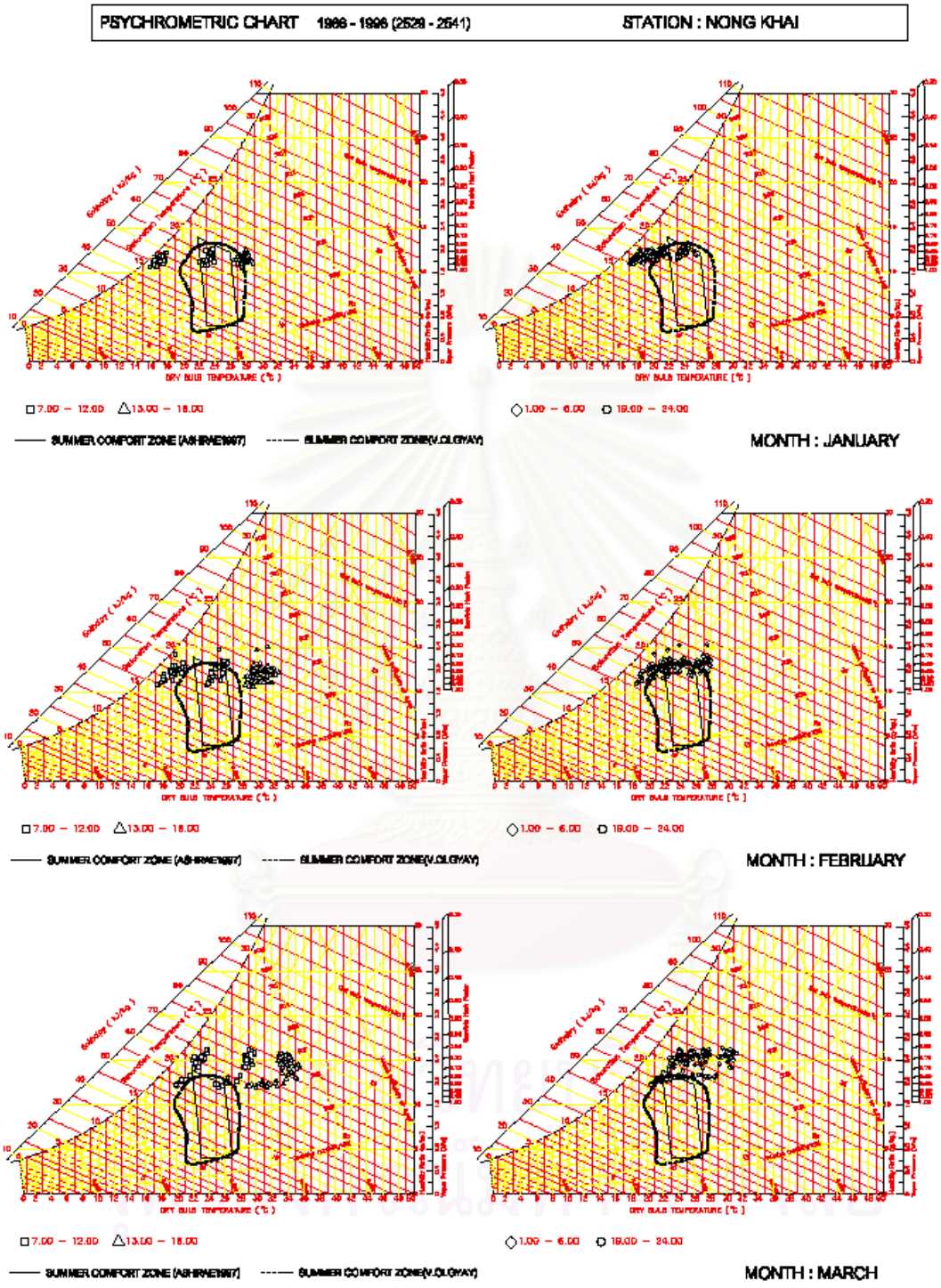
TIME : 19.00 - 24.00

BIOCLIMATIC CHART

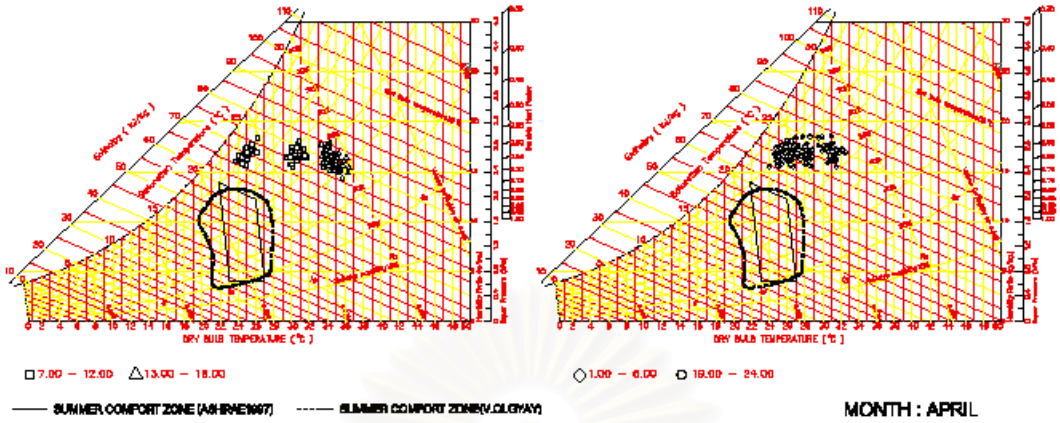
WIND ROSE



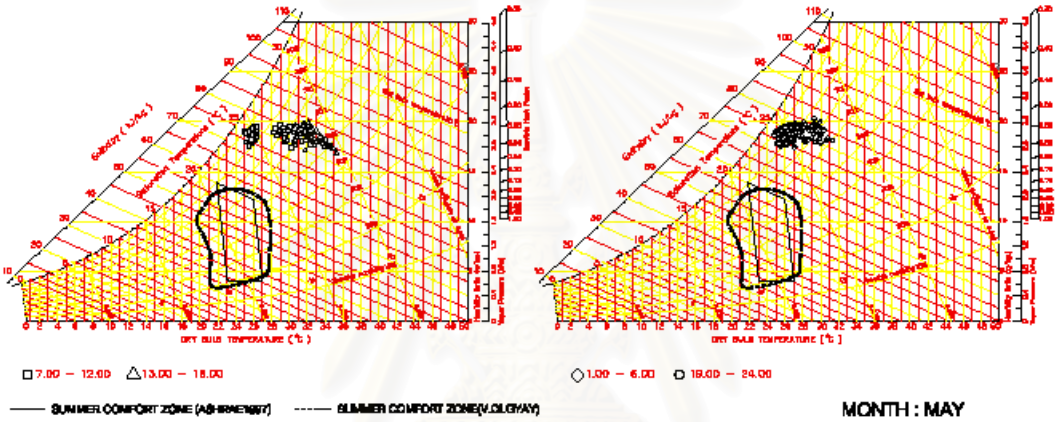
แผนภูมิความสัมพันธ์ระหว่างข้อมูลสภาวะอากาศ ในแผนภูมิไซโครเมตริก (psychromatri chart) แยกตามช่วงเวลา



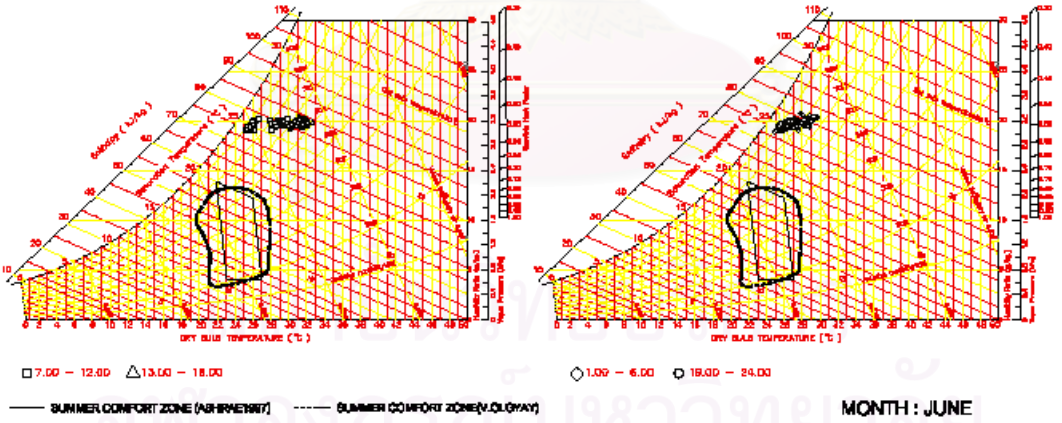
PSYCHROMETRIC CHART 1988 - 1998 (2529 - 2541) STATION : NONG KHAI



MONTH : APRIL

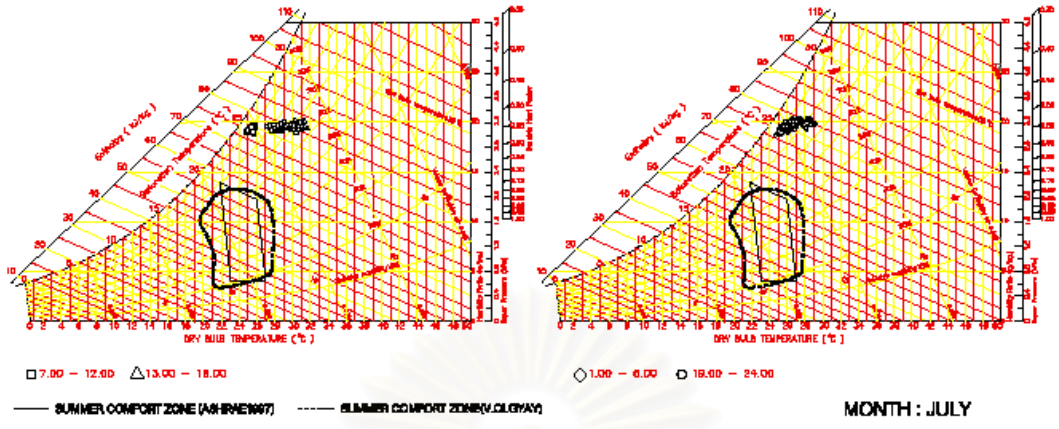


MONTH : MAY

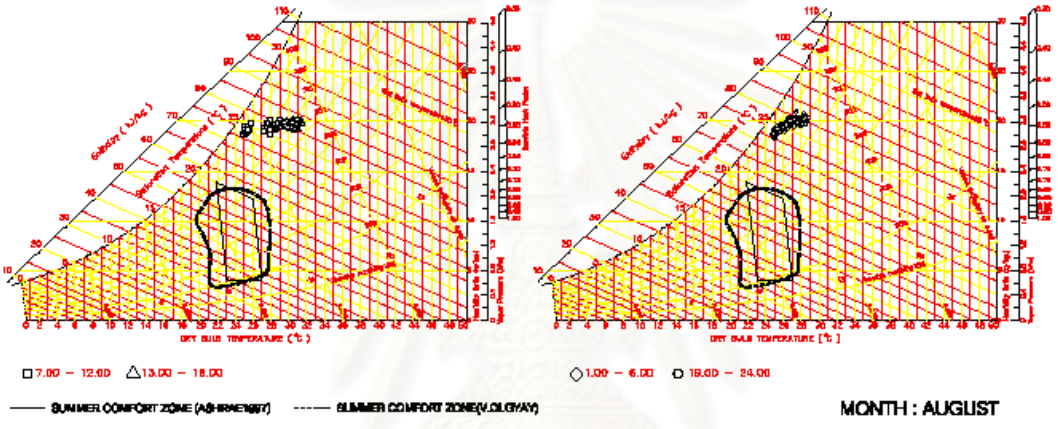


MONTH : JUNE

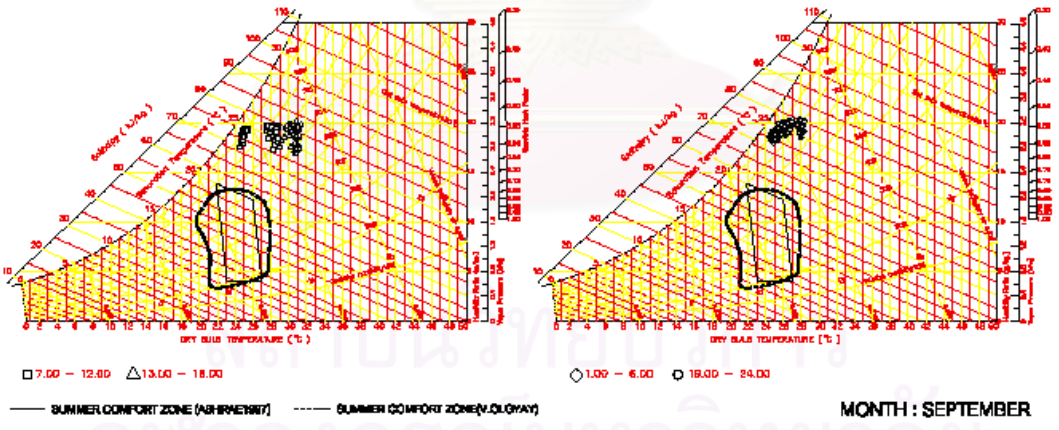
PSYCHROMETRIC CHART 1986 - 1996 (2529 - 2541) STATION : NONG KHAI



MONTH : JULY

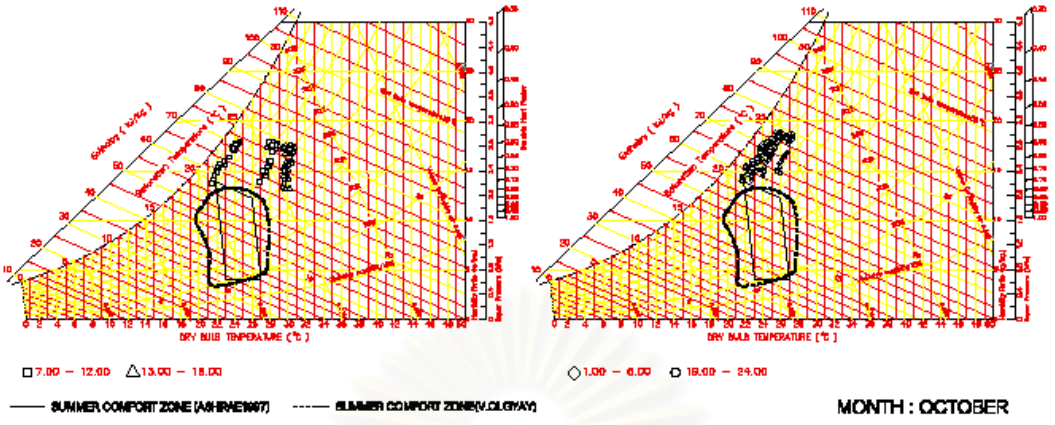


MONTH : AUGUST

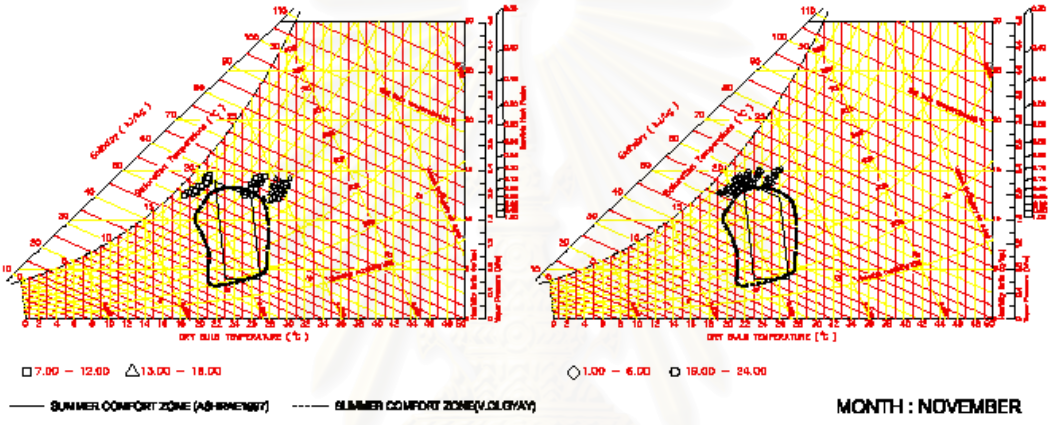


MONTH : SEPTEMBER

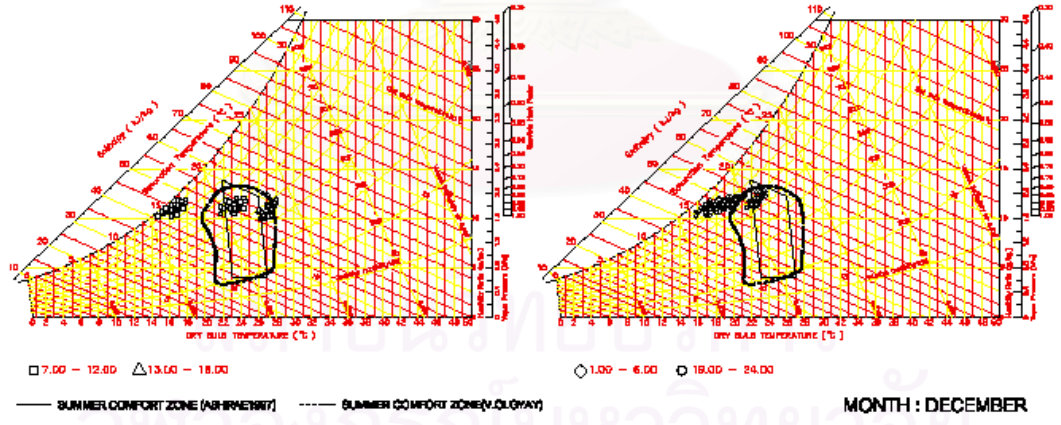
PSYCHROMETRIC CHART 1986 - 1996 (2529 - 2541) STATION : NONG KHAI



MONTH : OCTOBER



MONTH : NOVEMBER



MONTH : DECEMBER

ตารางแสดงผลข้อมูลจำนวนรายชั่วโมงอุณหภูมิกระเปาะแห้ง และค่าเฉลี่ยอุณหภูมิกระเปาะเปียกที่เกิดขึ้น จำแนกตามช่วงอุณหภูมิกระเปาะแห้ง (bin data) ในแต่ละช่วงเวลา

ANNUAL BIN-HOUR WEATHER DATA — STATION : NONG KHAI

Hours of occurrence of DB in each bin with MCWB in parentheses — year : 1997

Temperature range	Observation hour group 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		Total Observation	MCWB	Temperature range
°C	Annual														°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							21	(26.7)					21	(26.7)	100 / 104
35.0 / 37.2					20	(26.2)	122	(26.3)	30	(26.2)			172	(26.2)	95 / 99
32.2 / 34.4					114	(26.4)	338	(25.4)	118	(26.4)	5	(26.3)	575	(26.1)	90 / 94
29.4 / 31.7	9	(25.8)	7	(25.7)	372	(24.7)	555	(24.6)	359	(24.9)	69	(25.7)	1,371	(25.3)	85 / 89
26.7 / 28.9	204	(25.0)	182	(24.9)	491	(23.8)	311	(23.5)	532	(24.0)	433	(24.8)	2,153	(24.3)	80 / 84
23.9 / 26.1	616	(23.5)	635	(23.4)	317	(22.5)	106	(22.4)	330	(22.8)	555	(23.1)	2,559	(22.9)	75 / 79
21.1 / 23.3	346	(21.4)	298	(21.2)	111	(20.3)	6	(19.1)	77	(19.2)	266	(20.4)	1,104	(20.3)	70 / 74
18.3 / 20.6	191	(18.1)	198	(18.4)	30	(16.6)	1	(20.3)	14	(18.3)	112	(17.9)	546	(18.3)	65 / 69
15.6 / 17.8	84	(15.4)	108	(15.8)	4	(14.2)	0				18	(15.7)	214	(15.3)	60 / 64
12.8 / 15.0	10	(13.5)	28	(13.4)									38	(13.4)	55 / 59
10.0 / 12.2			2	(11.6)									2	(11.6)	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

BIN-HOUR WEATHER DATA Hours of occurrence of DB in each bin with MCWB in parentheses — STATION : NONG KHAI

Temperature range	Observation hour group 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	Total Observation	MCWB
°C	January							
40.6 / 42.8								
37.8 / 40.0								
35.0 / 37.2								
32.2 / 34.4				1 (22.5)			1	(22.5)
29.4 / 31.7			2 (21.5)	38 (22.4)	3 (22.1)		41	(22.0)
26.7 / 28.9			19 (21.6)	54 (20.0)	24 (21.6)		97	(21.1)
23.9 / 26.1			38 (19.8)	28 (18.7)	42 (19.8)	8 (21.5)	116	(19.9)
21.1 / 23.3	20 (20.9)	16 (20.6)	40 (17.9)	5 (17.1)	44 (18.4)	34 (19.9)	159	(19.1)
18.3 / 20.6	37 (17.5)	24 (18.2)	21 (16.4)		11 (17.1)	66 (17.2)	159	(17.3)
15.6 / 17.8	58 (15.6)	62 (15.5)	4 (14.2)			16 (15.6)	140	(15.2)
12.8 / 15.0	9 (13.4)	20 (13.3)					29	(13.3)
10.0 / 12.2		2 (11.6)					2	(11.6)
7.2 / 9.4								
4.4 / 6.7								
1.7 / 3.9								
°C	April							
40.6 / 42.8								
37.8 / 40.0				1 (25.8)			1	(25.8)
35.0 / 37.2			1 (25.5)	28 (25.8)	3 (25.6)		32	(25.6)
32.2 / 34.4			17 (25.7)	39 (25.3)	20 (25.4)		76	(25.5)
29.4 / 31.7			36 (24.9)	35 (24.6)	33 (24.5)	7 (24.8)	111	(24.7)
26.7 / 28.9	8 (23.9)	9 (24.3)	42 (23.7)	10 (24.0)	41 (23.7)	29 (23.7)	139	(23.9)
23.9 / 26.1	53 (22.7)	51 (22.9)	22 (22.7)	5 (22.8)	17 (22.8)	63 (22.7)	211	(22.8)
21.1 / 23.3	53 (21.7)	56 (21.7)	2 (22.7)	1 (21.1)	4 (21.2)	19 (21.7)	135	(21.7)
18.3 / 20.6	6 (19.8)	4 (20.1)		1 (20.3)	2 (20.4)	2 (20.4)	15	(20.2)
15.6 / 17.8								
12.8 / 15.0								
10.0 / 12.2								
7.2 / 9.4								
4.4 / 6.7								
1.7 / 3.9								

Temperature range	Observation hour group 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	Total Observation	MCWB
°C	February							
40.6 / 42.8								
37.8 / 40.0								
35.0 / 37.2								
32.2 / 34.4				11 (21.9)			11	(21.9)
29.4 / 31.7			3 (21.8)	48 (21.8)	13 (21.9)		64	(21.7)
26.7 / 28.9			27 (21.0)	46 (21.2)	49 (21.3)		122	(21.2)
23.9 / 26.1	2 (21.9)	1 (21.2)	45 (20.0)	7 (19.7)	47 (20.4)	27 (20.8)	129	(20.7)
21.1 / 23.3	37 (19.7)	24 (19.8)	32 (19.1)		3 (18.8)	73 (19.2)	169	(19.3)
18.3 / 20.6	65 (17.8)	66 (17.8)	4 (17.0)			12 (17.6)	147	(17.6)
15.6 / 17.8	8 (15.6)	21 (15.6)					29	(15.6)
12.8 / 15.0								
10.0 / 12.2								
7.2 / 9.4								
4.4 / 6.7								
1.7 / 3.9								
°C	May							
40.6 / 42.8								
37.8 / 40.0				12 (26.6)			12	(26.6)
35.0 / 37.2			12 (26.6)	32 (26.9)	15 (26.7)		59	(26.7)
32.2 / 34.4			27 (26.3)	40 (26.7)	31 (26.6)	5 (26.3)	103	(26.5)
29.4 / 31.7	9 (25.8)	4 (25.3)	45 (25.9)	35 (25.9)	48 (26.1)	30 (25.7)	171	(25.8)
26.7 / 28.9	47 (25.0)	48 (24.9)	35 (25.0)	5 (25.3)	26 (25.3)	65 (25.3)	226	(25.1)
23.9 / 26.1	67 (24.1)	72 (24.0)	5 (24.1)		4 (24.7)	24 (24.4)	172	(24.3)
21.1 / 23.3	1 (22.1)						1	(22.1)
18.3 / 20.6								
15.6 / 17.8								
12.8 / 15.0								
10.0 / 12.2								
7.2 / 9.4								
4.4 / 6.7								
1.7 / 3.9								

Temperature range	Observation hour group 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	Total Observation	MCWB	Temperature range
	March								°F
40.6 / 42.8									105 / 109
37.8 / 40.0				1 (26.0)			1	(26.0)	100 / 104
35.0 / 37.2			2 (25.2)	32 (25.0)	5 (25.3)		39	(25.1)	95 / 99
32.2 / 34.4			16 (24.3)	53 (24.0)	26 (24.6)		95	(24.3)	90 / 94
29.4 / 31.7			37 (23.4)	28 (22.5)	52 (23.8)	9 (24.2)	126	(23.5)	85 / 89
26.7 / 28.9	7 (22.8)	3 (22.7)	43 (22.2)	6 (23.6)	30 (22.0)	46 (23.3)	135	(22.8)	80 / 84
23.9 / 26.1	51 (22.4)	51 (22.0)	19 (20.8)	4 (22.3)	11 (21.9)	48 (21.4)	184	(21.8)	75 / 79
21.1 / 23.3	59 (20.2)	51 (20.4)	7 (20.3)			21 (20.3)	138	(20.3)	70 / 74
18.3 / 20.6	7 (17.7)	18 (17.8)					25	(17.8)	65 / 69
15.6 / 17.8		1 (16.3)					1	(16.3)	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
°C	June								°F
40.6 / 42.8									105 / 109
37.8 / 40.0				7 (28.3)			7	(28.3)	100 / 104
35.0 / 37.2			5 (27.5)	30 (27.4)	7 (27.3)		42	(27.4)	95 / 99
32.2 / 34.4			37 (27.2)	34 (27.8)	29 (27.3)		100	(27.4)	90 / 94
29.4 / 31.7		3 (28.2)	30 (26.6)	38 (27.0)	50 (27.0)	20 (26.4)	141	(26.6)	85 / 89
26.7 / 28.9	53 (25.5)	47 (25.4)	33 (25.9)	4 (26.2)	21 (26.1)	72 (25.6)	230	(25.8)	80 / 84
23.9 / 26.1	58 (24.5)	64 (24.6)	15 (24.6)	7 (25.1)	13 (25.0)	26 (24.6)	183	(24.8)	75 / 79
21.1 / 23.3	9 (23.4)	6 (23.4)				1 (22.9)	16	(23.2)	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 wet-bulb temperature (number in parentheses) °C

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

BIN-HOUR WEATHER DATA Hours of occurrence of DB in each bin with MCWB in parentheses — STATION : NONG KHAI

Temperature range °C	Observation hour group 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	Total Observation	MCWB
	July							
40.6 / 42.8								
37.8 / 40.0								
35.0 / 37.2								
32.2 / 34.4				10 (27.6)			10	(27.6)
29.4 / 31.7			28 (26.8)	58 (27.3)	33 (27.2)		119	(27.1)
26.7 / 28.9	25 (25.8)	17 (25.7)	54 (26.1)	50 (26.2)	66 (26.4)	59 (26.2)	271	(26.1)
23.9 / 26.1	97 (24.9)	99 (24.9)	42 (25.0)	6 (24.9)	25 (25.1)	65 (25.1)	334	(25.0)
21.1 / 23.3	2 (22.9)	8 (23.2)					10	(23.0)
18.3 / 20.6								
15.6 / 17.8								
12.8 / 15.0								
10.0 / 12.2								
7.2 / 9.4								
4.4 / 6.7								
1.7 / 3.9								

Temperature range °C	Observation hour group 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	Total Observation	MCWB
	August							
40.6 / 42.8								
37.8 / 40.0								
35.0 / 37.2								
32.2 / 34.4			4 (27.5)	31 (28.0)	5 (28.2)		40	(27.9)
29.4 / 31.7			42 (26.9)	49 (27.3)	34 (27.5)	3 (27.6)	128	(27.3)
26.7 / 28.9	27 (26.0)	22 (25.7)	60 (26.0)	36 (26.2)	60 (26.2)	60 (26.2)	265	(26.1)
23.9 / 26.1	91 (24.9)	102 (24.8)	18 (24.9)	8 (25.2)	25 (25.2)	61 (25.1)	305	(25.0)
21.1 / 23.3	6 (23.5)						6	(23.5)
18.3 / 20.6								
15.6 / 17.8								
12.8 / 15.0								
10.0 / 12.2								
7.2 / 9.4								
4.4 / 6.7								
1.7 / 3.9								

Temperature range °C	Observation hour group 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	Total Observation	MCWB
	September							
40.6 / 42.8								
37.8 / 40.0								
35.0 / 37.2								
32.2 / 34.4			8 (27.0)	38 (26.3)	6 (26.3)		52	(26.5)
29.4 / 31.7			36 (25.7)	35 (25.4)	30 (25.8)		101	(25.6)
26.7 / 28.9	24 (25.6)	21 (25.4)	40 (25.0)	31 (25.6)	56 (25.4)	44 (25.5)	215	(25.4)
23.9 / 26.1	85 (24.2)	83 (24.2)	35 (24.2)	16 (23.8)	29 (24.2)	76 (24.2)	324	(24.1)
21.1 / 23.3	11 (21.8)	15 (21.7)	1 (22.6)				27	(22.1)
18.3 / 20.6								
15.6 / 17.8								
12.8 / 15.0								
10.0 / 12.2								
7.2 / 9.4								
4.4 / 6.7								
1.7 / 3.9								

Temperature range °C	Observation hour group 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	Total Observation	MCWB
	October							
40.6 / 42.8								
37.8 / 40.0								
35.0 / 37.2								
32.2 / 34.4			5 (27.0)	42 (26.2)	1 (26.5)		48	(26.5)
29.4 / 31.7			60 (25.7)	69 (25.1)	37 (25.9)		166	(25.6)
26.7 / 28.9	13 (25.6)	15 (25.2)	47 (24.3)	7 (21.9)	64 (24.8)	55 (25.5)	201	(24.6)
23.9 / 26.1	95 (24.3)	90 (24.3)	11 (22.7)	6 (24.7)	22 (22.8)	58 (23.9)	282	(23.8)
21.1 / 23.3	13 (19.2)	12 (20.4)	1 (23.4)			11 (19.3)	37	(20.5)
18.3 / 20.6	3 (18.6)	7 (18.5)					10	(18.5)
15.6 / 17.8								
12.8 / 15.0								
10.0 / 12.2								
7.2 / 9.4								
4.4 / 6.7								
1.7 / 3.9								

Temperature range °C	Observation hour group 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	Total Observation	MCWB
	November							
40.6 / 42.8								
37.8 / 40.0								
35.0 / 37.2								
32.2 / 34.4				29 (24.5)			29	(24.5)
29.4 / 31.7			37 (24.2)	52 (23.7)	19 (23.8)		108	(23.9)
26.7 / 28.9			43 (22.3)	35 (20.1)	52 (22.8)	1 (23.9)	131	(22.3)
23.9 / 26.1	11 (23.0)	20 (22.2)	29 (20.3)	4 (20.3)	37 (21.1)	68 (22.3)	169	(21.5)
21.1 / 23.3	82 (21.1)	67 (20.8)	11 (18.4)		12 (19.3)	39 (20.2)	211	(20.0)
18.3 / 20.6	24 (16.7)	22 (17.7)				12 (17.2)	58	(17.2)
15.6 / 17.8	3 (15.4)	11 (15.8)					14	(15.6)
12.8 / 15.0								
10.0 / 12.2								
7.2 / 9.4								
4.4 / 6.7								
1.7 / 3.9								

Temperature range °C	Observation hour group 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	Total Observation	MCWB
	December							
40.6 / 42.8								
37.8 / 40.0								
35.0 / 37.2								
32.2 / 34.4				10 (24.4)			10	(24.4)
29.4 / 31.7			18 (23.4)	72 (22.7)	7 (23.6)		95	(23.3)
26.7 / 28.9			48 (22.0)	27 (21.4)	44 (22.1)	2 (22.8)	121	(22.1)
23.9 / 26.1	6 (21.8)	2 (21.6)	38 (20.5)	15 (18.7)	58 (21.0)	31 (21.7)	150	(20.9)
21.1 / 23.3	53 (20.5)	43 (20.3)	17 (18.3)		14 (18.5)	68 (20.0)	195	(19.5)
18.3 / 20.6	49 (18.5)	57 (18.5)	5 (16.3)		1 (17.3)	20 (17.3)	132	(17.6)
15.6 / 17.8	15 (15.1)	13 (15.6)				2 (15.8)	30	(15.5)
12.8 / 15.0	1 (13.6)	8 (13.5)					9	(13.5)
10.0 / 12.2								
7.2 / 9.4								
4.4 / 6.7								
1.7 / 3.9								

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

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

ตารางแสดงผลข้อมูลปริมาณองศาชั่วโมง การทำความร้อนและการทำความเย็น (degree hours and hours of occurrence)

DEGREE HOURS & HOURS OF OCCURRENCE — **Station : NONG KHAI**

YEARS : 1981 - 1998 (2524-2541)

TEMPERATURE Degree °F	°C	MEAN TEMP.DEGREE (°F) HOURS OF OCCURRENCE	NO. OF HOURS BELOW TEMPERATURE	NO. OF DEGREE HOURS OF HEATING BELOW TEMPERATURE °F	°C	NO. OF HOURS ABOVE TEMPERATURE	NO. OF DEGREE HOURS OF COOLING ABOVE TEMPERATURE °F	°C
35	1.7	(37.5)	-	-	-	8,760.00	391,986.00	217,552.23
36	2.2		-	-	-	8,760.00	383,226.00	212,690.43
37	2.8	0	-	-	-	8,760.00	374,466.00	207,828.63
38	3.3		-	-	-	8,760.00	365,706.00	202,966.83
39	3.9		-	-	-	8,760.00	356,946.00	198,105.03
40	4.4	(42.5)	-	-	-	8,760.00	348,186.00	193,243.23
41	5.0		-	-	-	8,760.00	339,426.00	188,381.43
42	5.6	0	-	-	-	8,760.00	330,666.00	183,519.63
43	6.1		-	-	-	8,760.00	321,906.00	178,657.83
44	6.7		-	-	-	8,760.00	313,146.00	173,796.03
45	7.2	(47.5)	-	-	-	8,760.00	304,386.00	168,934.23
46	7.8		-	-	-	8,760.00	295,626.00	164,072.43
47	8.3	0	-	-	-	8,760.00	286,866.00	159,210.63
48	8.9		-	-	-	8,760.00	278,106.00	154,348.83
49	9.4		-	-	-	8,760.00	269,346.00	149,487.03
50	10.0	52.5	-	-	-	8,760.00	260,586.00	144,625.23
51	10.6		-	-	-	8,760.00	251,826.00	139,763.43
52	11.1	0	-	-	-	8,760.00	243,066.00	134,901.63
53	11.7		-	-	-	8,760.00	234,306.00	130,039.83
54	12.2		-	-	-	8,760.00	225,546.00	125,178.03
55	12.8	(57.5)	1.20	-	-	8,760.00	216,786.00	120,316.23
56	13.3		2.40	3.00	1.67	8,758.80	208,029.00	115,456.10
57	13.9	6	3.60	6.00	3.33	8,757.60	199,272.00	110,595.96
58	14.4		4.80	9.00	5.00	8,756.40	190,515.00	105,735.83
59	15.0		6.00	12.00	6.66	8,755.20	181,758.00	100,875.69
60	15.6	(62.5)	73.20	15.00	8.33	8,754.00	173,001.00	96,015.56
61	16.1		140.40	189.00	104.90	8,686.80	164,415.00	91,250.33
62	16.7	336	207.60	363.00	201.47	8,619.60	155,829.00	86,485.10
63	17.2		274.80	537.00	298.04	8,552.40	147,243.00	81,719.87
64	17.8		342.00	711.00	394.61	8,485.20	138,657.00	76,954.64
65	18.3	(67.5)	468.00	885.00	491.18	8,418.00	130,071.00	72,189.41
66	18.9		594.00	1,542.00	855.81	8,292.00	121,968.00	67,692.24
67	19.4	630	720.00	2,199.00	1,220.45	8,166.00	113,865.00	63,195.08
68	20.0		846.00	2,856.00	1,585.08	8,040.00	105,762.00	58,697.91
69	20.6		972.00	3,513.00	1,949.72	7,914.00	97,659.00	54,200.75

DEGREE HOURS & HOURS OF OCCURRENCE

Station : NONG KHAI

YEARS : 1981 - 1998 (2524-2541)

TEMPERATURE Degree		MEAN TEMP.DEGREE (^{O}F)	NO. OF HOURS	NO. OF DEGREE HOURS OF HEATING BELOW TEMPERATURE		NO. OF HOURS	NO. OF DEGREE HOURS OF COOLING ABOVE TEMPERATURE	
^{O}F	^{O}C	HOURS OF OCCURRENCE	BELOW TEMPERATURE	^{O}F	^{O}C	ABOVE TEMPERATURE	^{O}F	^{O}C
70	21.1	(72.5)	1,156.20	4,170.00	2,314.36	7,788.00	89,556.00	49,703.58
71	21.7		1,340.40	5,802.50	3,109.39	7,603.80	82,228.50	45,636.82
72	22.2	921	1,524.60	7,035.00	3,904.43	7,419.60	74,901.00	41,570.06
73	22.8		1,708.80	8,467.50	4,699.46	7,235.40	67,573.50	37,503.29
74	23.3		1,893.00	9,900.00	5,494.50	7,051.20	60,246.00	33,436.53
75	23.9	(77.5)	2,385.60	11,332.50	6,289.54	6,867.00	52,918.50	29,369.77
76	24.4		2,878.20	14,467.00	8,023.64	6,374.40	47,283.00	26,242.07
77	25.0	2463	3,370.80	17,581.50	9,757.73	5,881.80	41,647.50	23,114.36
78	25.6		3,863.40	20,706.00	11,491.83	5,389.20	36,012.00	19,986.66
79	26.1		4,356.00	23,830.50	13,226.93	4,896.60	30,376.50	16,858.96
80	26.7	(82.5)	4,806.00	26,955.00	14,960.03	4,404.00	24,741.00	13,731.26
81	27.2		5,256.00	32,436.00	18,001.98	3,954.00	21,462.00	11,911.41
82	27.8	2250	5,706.00	37,917.00	21,043.94	3,504.00	18,183.00	10,091.57
83	28.3		6,156.00	43,398.00	24,085.89	3,054.00	14,904.00	8,271.72
84	28.9		6,606.00	48,879.00	27,127.85	2,604.00	11,625.00	6,451.88
85	29.4	(87.5)	6,937.80	54,360.00	30,169.80	2,154.00	8,346.00	4,632.03
86	30.0		7,269.60	61,795.50	34,296.50	1,822.20	7,021.50	3,896.93
87	30.6	1659	7,601.40	69,231.00	38,423.21	1,490.40	5,697.00	3,161.84
88	31.1		7,933.20	76,666.50	42,549.91	1,158.60	4,372.50	2,426.74
89	31.7		8,265.00	84,102.00	46,676.61	826.80	3,048.00	1,691.64
90	32.2	(92.5)	8,346.00	91,537.50	50,803.31	495.00	1,723.50	956.54
91	32.8		8,427.00	100,005.00	55,502.78	414.00	1,431.00	794.21
92	33.3	405	8,508.00	108,472.50	60,202.24	333.00	1,138.50	631.87
93	33.9		8,589.00	116,940.00	64,901.70	252.00	846.00	469.53
94	34.4		8,670.00	125,407.50	69,601.16	171.00	553.50	307.19
95	35.0	(97.5)	8,688.00	133,875.00	74,300.63	90.00	261.00	144.86
96	35.6		8,706.00	142,590.00	79,137.45	72.00	198.00	109.89
97	36.1	90	8,724.00	151,305.00	83,974.28	54.00	135.00	74.93
98	36.7		8,742.00	160,020.00	88,811.10	36.00	72.00	39.96
99	37.2		8,760.00	168,735.00	93,647.93	18.00	9.00	5.00