

한국원자력연구소부지 기상정보 종합해석  
(2004년보)

Overall Analysis of Meteorological Information in  
the KAERI Site (2004 Annual Report)

KAERI

# 제 출 문

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본 보고서를 “한국원자력연구소부지 기상정보 종합해석 (2004년보)”에 대한 기술보고서로 제출합니다.

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과제명 : 원자력시설주변 환경방사선 평가

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# 요 약 문

## I. 제 목

한국원자력연구소부지 기상정보 종합해석 (2004년보)

## II. 운영의 목적 및 필요성

방사성 물질을 취급하는 시설이 밀집되어 있는 우리 연구소 부지는 지형특성상 보다 상세한 기상관측을 필요로 한다. 단일 관측지점에서 수집되는 자료에 의존하여 방사성물질의 대기중 확산을 단순한 직선적 정규분포로 해석하는 모델은 복잡한 지형에서 일어나는 기상상태를 적절히 반영할 수 없다. 따라서, 입자의 궤적을 3차원 공간에서 추적하는 방법으로 시간과 공간에 따른 확산을 파악하는 수치 모델이 요구되며, 이를 위해서는 세밀한 관측자료가 필요하다.

원자력시설주변 환경방사선 평가 과제의 일환으로 연구소 부지내의 기상관측탑을 운영하며 기상관측과 분석을 수행하고 있으며, 이를 위한 부지선정, 기상탑의 설계, 관측자료의 인지 및 처리, 무선전송 및 실시간 자료의 처리, 자료저장, 확산 및 피폭모델과의 온라인 구성 등에 있어, 새로운 개념의 합리적 운영을 시도함으로써 보다 신속하고 정확한 방사능확산 및 주민의 피폭예측이 가능하게 되었다. 기상탑의 점검 및 보수와 관측기기의 보수·유지는 정확한 관측자료의 확보를 위해 반드시 필요한 사항이며, 이는 전문가의 지속적인 점검과 보관을 필요로 한다.

## III. 운영의 내용 및 실적

기상탑 운영과 관련하여 기상탑 유지·보수와 승강기 점검, 기상관측기기의 교정, 보수작업등을 수행하였다. 67 m, 27 m, 10 m 높이에서의 풍향, 풍속, 온도, 습도와 지표 상에서의 온도, 습도, 기압, 일사, 강우, 시정 등의 자료를 수집하였으며 수집된 자료를 통계처리하여 분석하였다. 관측된 기상자료는 수집, 분석되어져서 부지내 방사성 물질 배출시설별로 환경영향평가에 이용되며, 기상자

료처리 시스템과 비상시 방사선피폭해석 시스템간의 온라인화로 사고시에는 신속한 피폭평가에 이용할 수 있다. 이 자료는 “대덕원자력관련시설의 운영중 방사선환경영향평가” 과제의 수행을 통하여 하나로와 환경관리센터, 한국원전연료주식회사의 분기별 환경영향평가에 사용되었다.

#### IV. 운영결과 및 활용에 대한 건의

기상탑에서 수집된 자료는 무선 모뎀을 통하여 기상정보 처리 시스템에 전달되며 이는 정상가동 및 사고시 환경영향 평가 시스템과 on-line으로 연결되어 기상자료의 실시간 이용이 가능하도록 구성되어있다.

작은 구릉과 산으로 둘러싸인 대덕원자력단지 는 기상특성이 매우 복잡하게 나타나는 대표적인 지역이다. 따라서 원자력시설의 정상가동 및 비상사태에 대한 방사성 물질의 확산을 정확히 예측하기 위해서는 여러 곳의 고도별 기상관측이 동시에 시행되어야 한다. 한국원전연료주식회사에서 운영중인 보조기상탑의 관측자료를 실시간으로 수신하여 대덕단지의 종합기상망에 연계시켰으며 이 자료를 이용하여 사고시나 정상가동시에 보다 정확한 평가를 기대할 수 있을 것이다.

# SUMMARY

## I. Project Title

Overall Analysis of Meteorological Information in the KAERI Site (2004 Annual Report)

## II. Objective and Importance of the Project

Continuous measurement of detailed meteorological parameters is needed at several locations in the vicinity of the Daeduk nuclear site in order to assess the atmospheric diffusion of radioactive effluents realistically. A numerical diffusion model requiring such informations has been already developed and will be applied for more accurate assessment which can simulate time-dependent and 3-dimensional distribution of radioactive effluents. A classical straight-line Gaussian model using the one-point meteorological data can not consider the diffusion characteristics in such mountainous region.

Meteorological towers and related network have been operated to obtain the meteorological data necessary for rapid and accurate assessment of atmospheric diffusion of the radioactive effluents and exposure dose of the population. Those tower and network were designed with a well-organized concept in several aspects of site selection, tower structure, sensor installation, data acquisition system, wireless transmission of measured signal and real-time display of processed data, its storage, and on-line interface with the computer model of diffusion and exposure. Deliberate maintenance with routine calibration by experts should be followed in order to assure the data quality, even if these systems were well established.

### **III. Scope and Contents of the Project**

Inspection and repair of tower structure and lift, instrument calibration have been done. Wind direction, wind speed, temperature, and humidity have been measured at 67 m, 27 m and 10 m height, respectively and statistically analyzed. Temperature, humidity, atmospheric pressure, solar radiation, precipitation, and visibility have been measured at surface and analyzed with statistical methods. The results have been used to analysis the environmental effect of radiation for the "Estimation of Radiation Exposure Dose due to the Operation of Daeduk Nuclear Facilities" project.

### **IV. Results and Proposal for Applications**

Daeduk site is a typical complex terrain surrounded with ridges and mountains. Vertical wind profiles should be measured in order to assess more accurately the atmospheric diffusion of radioactive effluents in an accident as well as in normal operation. Integrated MIPS has been established to meet these requirements, based on newly published guidelines concerning the meteorological measurement after TMI-2 accident in U. S. A.

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# 제 1 장 서 론

원자력시설의 가동에 따른 방사성물질의 환경 방출시 방사성물질의 대기중 확산, 이동, 침적 등의 실제 상황을 정확히 평가하기 위해서는, 면밀한 기상 감시망이 종합적으로 구성되고 자동화되어야 한다. 이는 1979년 TMI-2 원전사고 이전까지 운영 및 관리되던 고전적 기상감시 체제가 사고시 비상대응조치에 무용지물이 된 배경에서, 기상관측 및 방사성물질의 거동에 대한 감시 체제에 일대변혁이 필수적인 것으로 인식되었다.

본 운영과제에서는 기상탑의 3개 고도별 풍향, 풍속, 온도, 습도와 1.5 m에서의 기압, 일사량, 온도, 습도, 강우량, 시정 거리(visibility) 등의 기상 자료를 연속 측정하고 on-line으로 연결하여 전산 처리하고 있다. 기상탑에서 수집된 자료는 무선모뎀 (radio frequency MODEM)을 통하여 한국원자력연구소 제 3 연구동에 위치한 기상정보처리시스템 (Meteorological Information Processing System : MIPS)으로 전달되어 순간 및 평균 기상 측정치를 도출하면서 자료가 바로 컴퓨터에 저장되도록 구성되어 있다. 각 기상 요소 별로 연속 측정된 자료는 15분 단위로 평균하여 저장하며, 이들 자료를 적절한 algorithm으로 통계 처리하여 장기간 환경영향평가에 이용하게 된다. 또한 시간에 따른 변화량을 계속 display 할 뿐 아니라, 측정 또는 송수신과정에서 발생하는 에러를 분석하고 이를 음성으로 경고해주는 기능도 갖추고 있다.

주기상탑 뿐 아니라 한국원전연료주식회사의 보조기상탑 관측자료는 하나로의 비상방재시스템에도 수신되어 데이터베이스에 저장되고 있으며, 이 자료는 “대덕 원자력관련시설의 운영중 방사선환경영향평가” 과제의 수행을 통하여 하나로와 환경관리센터, 한국원전연료주식회사의 분기별 환경영향평가에 사용되었다.

## 제 2 장 본 론

### 제 1 절 운영내용 및 방법

#### 1. DAS 및 관측기기의 구성

DAS (Data Acquisition System)는 기상관측기기 (sensor), 자료수집기 (data logger), 기상자료저장 컴퓨터로 구성되며 기상자료를 수집하고 분석한다. 기상 관측기기로부터 측정된 풍향, 풍속, 온도, 우량, 시정거리 등의 전기적 신호는 적절한 변환을 거쳐 수치화되고 이를 취합하여 기본 관측자료를 만든다. 수집된 관측자료는 5초 간격으로 무선 송신함과 동시에 로거에 저장된다. 로거에는 7일 분의 관측치를 저장하고 있어 만약에 있을지도 모르는 통신장애에 대비하도록 설계되어 있고, 기상자료저장 컴퓨터의 호출시에 저장된 관측자료를 송신하는 기능도 갖추고 있다. 그림 1에 기상탑 관측기기의 구성을 실었다.

##### 가. Data logger

Data logger는 각종 아날로그 신호 (풍향, 풍속, 온도, 기압, 강수 등)를 디지털 신호로 변환하여 데이터를 저장하고 2개의 port를 통하여 자료를 전송하는 기본동작을 한다.

Data logger는 크게 아날로그 신호변환부, 데이터 처리부, 통신부, 표시부로 구성되어 있으며 제원은 다음과 같다.

- CPU : 32 bit (i80486DX2-66)
- RAM/ROM : 4 MB / 32 KB
- 12 bit A/D Channel : 32
- 12 bit D/A Channel : 1
- Counter Channel : 1
- 통신 Port : 2 RS 232C port
- A/D Conversion : 12 bit

67 m	풍향: micro response wind vane #2020 풍속: micro response anemometer #2031 온도: temperature sensor 0107000000 습도: humidity sensor #5120-E	주 기 상 탑
27 m	풍향: micro response wind vane #2020 풍속: micro response anemometer #2031 온도: temperature sensor 0107000000 습도: humidity sensor #5120-E	
10 m	풍향: micro response wind vane #2020 풍속: micro response anemometer #2031 온도: temperature sensor 0107000000 습도: humidity sensor #5120-E	
백엽상	온도: temperature sensor JY-100829 습도: humidity sensor #5120-E	
기타	강우: rain gauge #6021-B 일사: pyranometer #3120 기압: barometer #7105-A 시정: visibility sensor FUMOSENS VI	

그림 1. 기상탑 관측기기의 구성

(Schematic configuration of measurement equipment in the meteorological tower).

- A/D Conversion Speed : 25 $\mu$ sec
- D/A Conversion : 12 bit
- D/A Conversion Speed : 10 $\mu$ sec

## 나. 관측기기

### (1) 온도계 (JY-100829/0107000000)

- 형 태 : 100  $\Omega$ 의 백금 4선 RTD 수감부 (JIS 규격)
- 측정범위 : -50  $^{\circ}\text{C}$  ~ +50  $^{\circ}\text{C}$
- 정 확 도 :  $\pm 0.1$   $^{\circ}\text{C}$

이 수감부는 온도의 증가에 따라 순수 금속의 전기 저항값이 변한다는 원리를 이용한 것으로서 선형 상관관계가 뛰어나고 안정성과 감응성이 좋고 부식되지 않는 백금선을 사용한다. 유도저항오차를 최대한도로 자동 보상시키기 위하여 4선 설계로 되어 있으며 수감부는 JIS 규격에 따라 제작되었다.

### (2) 습도계 (WeatherMeasure 5120-E)

- 형 태 : thin-film capacitor
- 측정범위 : 0 ~ 100% RH
- 정 확 도 :  $\pm 2\%$  at 0 ~ 80% RH  
 $\pm 3\%$  at 80 ~ 100% RH

습도계는 얇은 막의 정전용량이 습도에 따라 달라지는 것을 이용하여 이를 전기적인 변화로 출력한다.

### (3) 풍향계 (WeatherMeasure 2020)

- 형 태 : counter balanced tail
- 측정범위 : 0 ~ 360 $^{\circ}$
- 정 확 도 :  $\pm 2^{\circ}$

풍향의 변화에 따라 날개가 움직이며 날개에 연결된 축의 회전이 5 k $\Omega$  가변저항의 저항을 변화시킨다. 여기에 전압을 가하여 변동된 전압을 측정한다.

#### (4) 풍속계 (WeatherMeasure 2031)

- 형 태 : 3-cup assembly
- 측정범위 : 0 ~ 45 m/sec
- 정 확 도 :  $\pm 0.066$  m/sec or 1%

바람이 불면 컵이 회전하며 축에 연결된 직류발전기에서 전기를 발생시킨다. 이 전압을 측정하면 풍속을 알 수 있다.

#### (5) 강우계 (WeatherMeasure 6021-B)

- 형 태 : tipping bucket rain gauge
- 해 상 도 : 0.1 mm
- 정 확 도 :  $\pm 5\%$  at 12.7 mm/hr

원통 안에 모아진 빗물이 흘러내려 작은 그릇을 채우면 시소와 같이 움직이면서 빗물을 버리게 되는데 이때 전기적인 펄스를 발생한다. 이 펄스의 수를 세어서 강우량을 측정한다.

#### (6) 일사계 (WeatherMeasure 3120)

- 형 태 : silicon photovoltaic cell
- 측정범위 : 0 ~ 1500 W/m<sup>2</sup>
- 정 확 도 :  $\pm 50$  mV/Wm<sup>-2</sup>

실리콘 광전지에 0.35 ~ 1.15 $\mu$ 의 태양빛이 쬐면 전기가 발생되며 이를 측정한다.

#### (7) 기압계 (WeatherMeasure 7105-A)

- 형 태 : 압전 소자
- 측정범위 : 600 ~ 1100 hPa
- 정 확 도 :  $\pm 0.08\%$

기압의 변화를 압전소자가 감지하여 이를 전기적 신호로 변환한다.

## (8) 시정계 (FUMOSENS VI PW)

- 형 태 : High efficiency red LED
- 측정범위 : 20 m ~ 20 km
- Contrast Threshold : 5 %

광 다이오드에서 발산한 빛을 반대쪽에 있는 두 개의 수감부에서 받아들여 비교하므로써 빛이 소산된 양을 계산하여 이를 전기적 신호로 바꾼다.

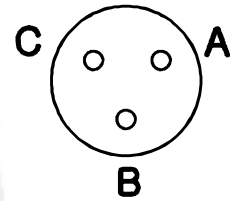
## 2. 관측기기의 교정 및 유지관리

### 가. 관측기기의 교정

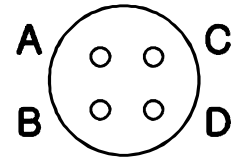
기상탑의 일상점검은 일주일에 한번씩 행하며, 기기의 교정 및 검사는 일년에 2회 실시한다.

#### (1) 풍향계의 교정절차

- (가) 3선 케이블을 커넥터에 꽂는다.
- (나) A(1) - B(2) 간의 저항을 측정한다  
(약 5,000Ω 정도가 정상).
- (다) B(2) - C(3) 간의 저항을 측정할 수 있도록 연결한다.
- (라) 보정장치를 몸체에 부착한다.
- (마) 회전체를 돌리면서 브레이크 포인트(최대값이 0으로 바뀌는 방향)를 찾고 그 방향에서 몸체와 회전체의 눈금이 일치하는가를 확인한다.
  - (마-1) 일치하지 않을 경우 밀면을 풀고 몸체와 회전체의 눈금을 일치시킨 후 보정장치를 고정한다.
  - (마-2) 몸체의 저항을 회전시켜 브레이크 포인트와 일치시킨다.
- (바) 보정장치를 고정시킨 후 90도씩 회전시키면서 저항값을 읽는다.
- (사) 측정값이 1/4배수가 안될 경우나 중간에 엉뚱한 값이 나올 경우 센서를 교체한다.



(2) 풍속계의 교정절차



- (가) 4선 케이블을 커넥터에 꽂는다.
- (나) 회전체를 분리한 후 몸체에 보정기를 부착한다.
- (다) A(1: + ) - B(2: - ) 간의 전압을 측정할 수 있도록 연결한다.
- (라) 스위치를 위로 올려 전압을 측정한다 ( 700 mVDC 내외 ).
- (마) 전압 × 100 / 88.8 × 1000을 보정지수로 logger의 WDCOD.DAT에 입력한다.

(3) 온도계의 교정절차

표준온도계와 비교하여 오차가 심할때는 교체한다.

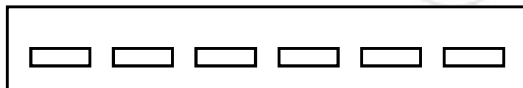
(4) 습도계의 교정절차

- (가) Humidity Calibration Chamber에 저습도함: LiCl 포화용액(12%), 고습도함: NaCl 포화용액(75%) 또는 K<sub>2</sub>SO<sub>4</sub> 포화용액(96%)을 준비한다. 새로 만들었을 경우 충분히 교반하고 완전히 식은 다음에 사용한다.

- (나) 5선 케이블에 그림과 같이 연결한다.

검(1) 갈(2) 빨(3) 오(4) 노(5) 녹

<= 케이블 연결쪽

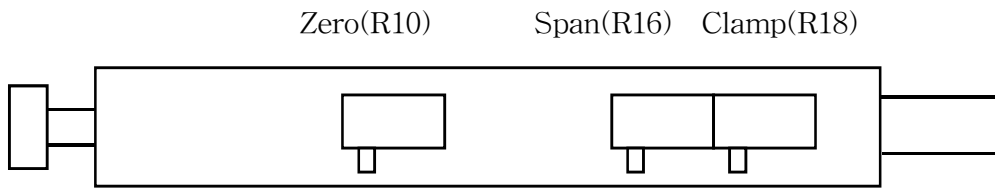


검 빨 흰 녹

<= 습도계쪽

- (다) 필터를 풀고 기관을 들어낸다.



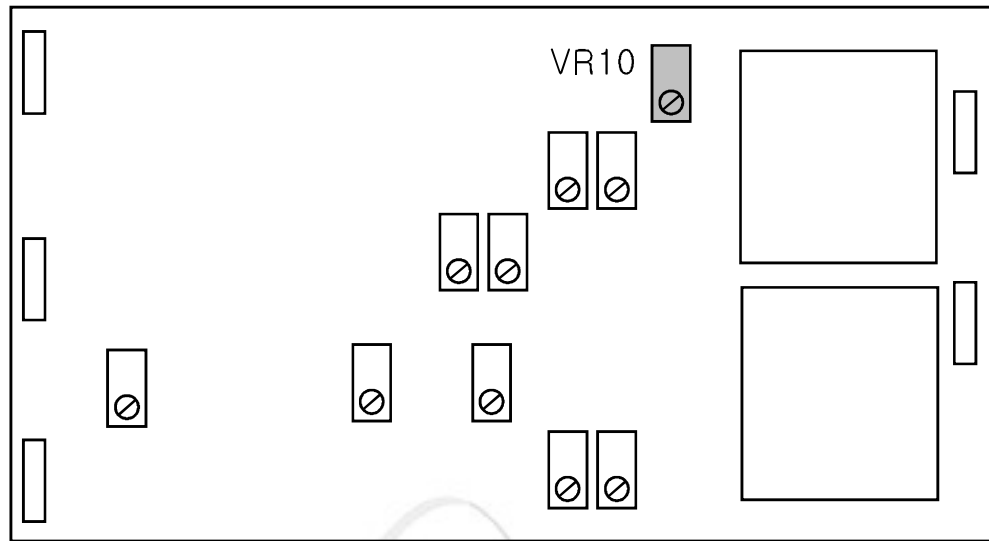


- (라) Clamp를 반시계방향으로 완전히 돌린다.
- (마) 빨간색(3: +)과 오렌지색(4: -)의 전압을 측정하도록 연결한다.
- (바) 센서부분을 저습도함에 48시간동안 넣어둔다.
- (사) 10 mV 되도록 Zero를 조정한다.
- (아) 센서부분을 고습도함에 넣고 25분 후 73 mV (NaCl) 또는 93 mV ( $K_2SO_4$ ) 되도록 Span을 조정한다.
- (자) 센서부분을 다시 저습도함에 넣고 25분 후 11 mV 되도록 Zero를 조정한다.
- (차) 센서를 떼어내고 68 pf 콘덴서로 교체한 다음 110 mV 되도록 Clamp를 조정한다.
- (카) 고습도함과 저습도함에 각각 25분씩 넣어둔 후 측정값을 기록한다.

## 나. 신호변환기 교정

### (1) 풍향계 부분

- (가) 6선 케이블을 변환기와 풍향계 사이에 연결한다.
- (나) 오렌지색(4: +)과 검정색(1: -)사이의 전압을 측정한다 ( 5 VDC 정도).
- (다) 풍향계를 떼어낸 후 노란색(5: +)과 검정색(1: -)사이의 측정전압의 1/4 배수를 주어가며 90도의 배수가 되는지 확인한다.



(라) 변환기 출력에서는 검정색(1: +)과 녹색(6: -) 사이에서 10 VDC의 1/4 배수가 나와야 한다.

(마) VR10을 사용하여 조정한다.

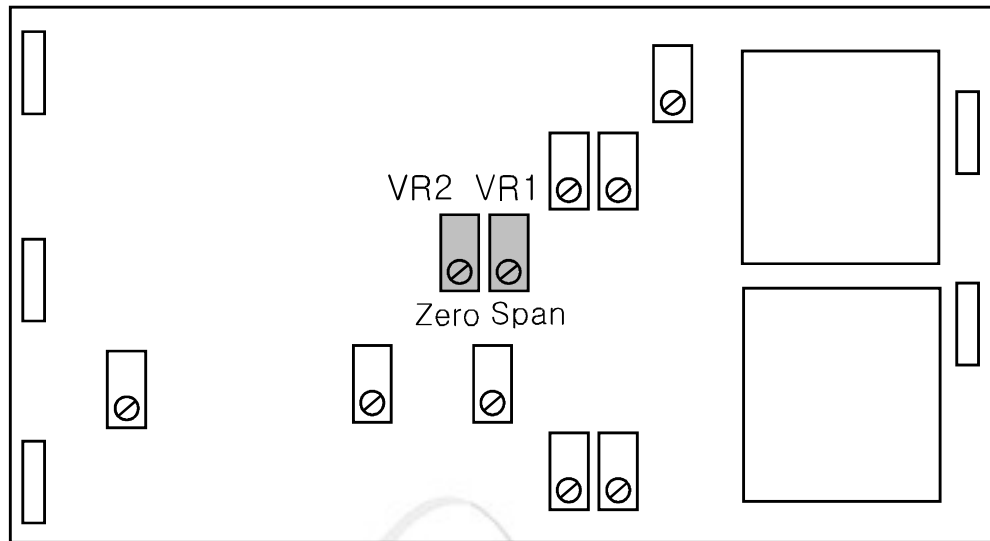
## (2) 풍속계 부분

(가) 6선 케이블을 변환기에 연결한다.

(나) 빨간색(3: +)과 녹색(6: -)사이에 보정지수/1000 VDC의 전압을 주어 44.7 m/sec가 나오는지 확인한다.

(다) 변환기 출력에서는 갈색(2: +)과 녹색(6: -) 사이에서 10 VDC가 나와야 한다.

(라) VR2와 VR1을 사용하여 조정한다.



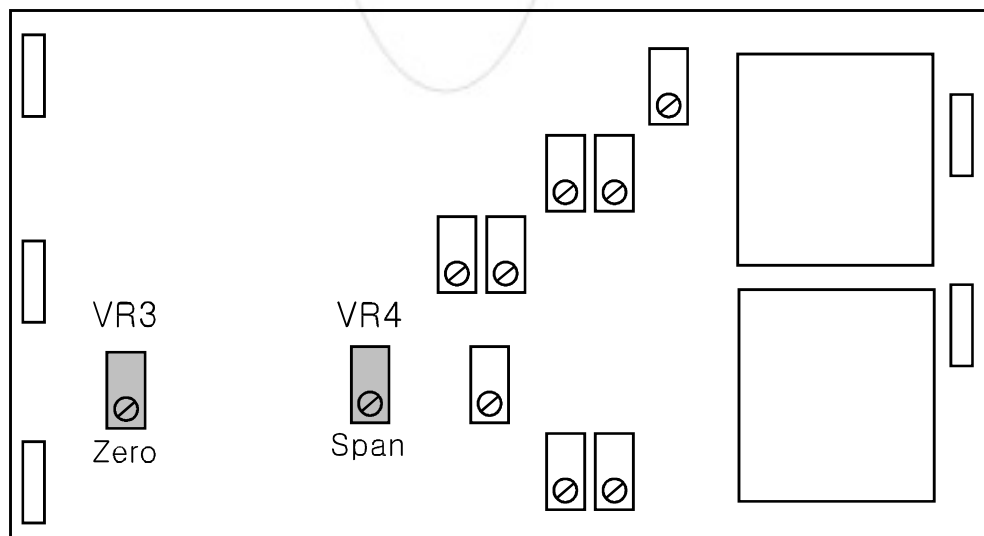
(3) 온도계 부분

(가) 6선 케이블을 변환기에 연결한다.

(나) 갈색(2)과 오렌지색(4: +)을, 빨간색(3)과 노란색(5: -)을 연결한다.

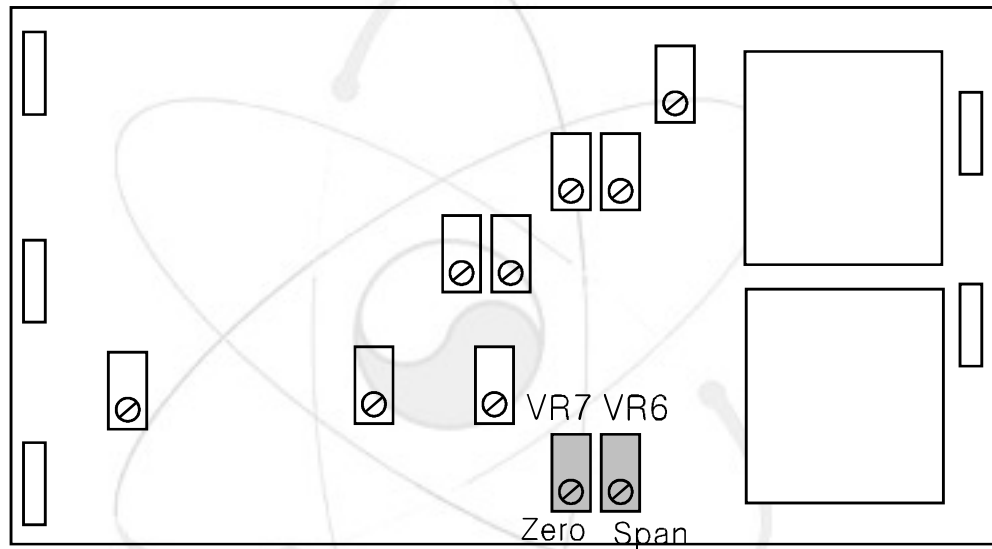
80.65에서 -49 °C, 118.98에서 49 °C가 되도록 VR3과 VR4를 조정한다.

(다) 변환기 출력에서는 빨간색(3: +)과 녹색(6: -) 사이에서 0.1 ~ 9.9 VDC가 나와야 한다.



#### (4) 습도계 부분

- (가) 5선 케이블을 변환기와 습도계 사이에 연결한다.
- (나) 갈색(2)을 Open시키고 빨간색(3: +)과 오렌지색(4: -) 사이에 전압을 가한다(100 mV 범위). 10 mV에서 Zero로 10 %를 맞추고 90 mV에서 Span으로 90 %를 맞춘다. 이 과정을 두어번 반복한다.
- (다) 변환기 출력에서는 오렌지색(4: +)과 녹색(6: -) 사이에서 1 ~ 9 VDC가 나와야 한다.



### 3. 기상탑 유지관리

기상탑은 1 년에 1 회 볼트의 조임새나 지선의 장력 등을 전문업체에 의뢰하여 점검받아야 한다. 또한, 승강기는 주기적인 안전점검을 받아야 되는데 짐을 싣지 않은 상태에서 6 개월마다, 짐을 실은 상태에서 1 년마다 낙하시험을 하고, 오일, 부품의 점검 및 교환을 하는 정기점검은 2 개월 간격으로 실시한다.

### 가. 기상탑 점검

기상탑의 점검항목은 다음과 같다.

- 항공등 점검
- 철탑지선 점검
- 철탑점검
- 피뢰침 점검
- 울타리 점검
- Arm 점검

### 나. 승강기 점검

승강기의 점검항목은 다음과 같다.

- 신호판/안내서
- Limit S/W
- 이탈방지장치
- 수동하강장치
- 탑승자 보호장치
- 과속방지장치
- 제동
- Motor
- 출입구 작동상태
- 완충장치
- Guide Roller
- Cable Guide
- Cable Drum
- Mast
- B-Panel
- M-Panel
- Control Switch Box
- 기타

## 4. 기상탑 운영

### 가. 기상관측자료의 수집 및 기록

원자력시설 사고로 누출된 방사성물질의 영향을 해석하기 위해서는 기상 및 지형자료가 요구된다. 기상자료와 지형자료는 평가대상지역에 좌우되므로 평가 대상지역이 전국 규모일 때는 전국에 설치되어 있는 기상청의 측정망을 통한 기상자료수집과 한반도 전체의 지형자료가 요구된다. 국지적인 자료의 평가만을 원할 때에는 그 지역의 기상관측자료와 지형자료만을 사용하는 것이 계산시간의 절약과 함께 방사능운의 이동 및 확산효과를 적절히 반영할 수 있는 장점이 있다.

DAS는 두 가지 경우에 대해 설계할 수 있는데 전국규모의 경우에는 한반도 전지역의 기상청 측정망과 수치예보자료, 연구소의 기상정보처리실을 연계시키는 것이다. 국지적인 규모의 경우에는 한국원자력연구소 부지 내에 설치된 기상탑의 기상관측 온라인 시스템을 통해 입자의 이동 및 확산 평가에 요구되는 풍향, 풍속, 온도, 습도, 안개일수 등의 각종 기상관측자료를 데이터 로거 시스템에 의해 수집한다.

기상관측기에서 측정된 자료는 기상탑 부지 지표 상에 설치된 자료인지 및 처리실 (Data Acquisition System Room)로 전송된다. 자료인지 및 처리실에는 자료를 수집하여 처리하는 데이터 로거 시스템, 자료를 감시, 저장, 분석 및 검색하기 위한 보조 컴퓨터가 설치되어 있다.

자료인지 및 처리계통은 자료를 수집하고 처리, 기록하기 위해 설계되었다. 자료 기록장치는 1개의 디지털 기록장치와 1개의 보조 아날로그 기록장치로 구성된 이중방식을 채택하고 있다. 풍향과 풍속을 기록하는 보조 아날로그 기록장치는 연속 스트립 차트형을 사용하고 있다.

확률론적 사고에 의한 환경영향을 평가하기 위해서는 1년간의 시간당 기상자료가 요구된다. 하나로의 가동으로 인한 환경영향을 평가하기 위해 풍향, 풍속 및 대기안정도에 따른 기상군별 발생빈도횟수와 냉각탑에 의해 발생하는 안개와 아이싱(icing)의 정도 및 발생횟수를 나타내는 상대습도 자료가 요구된다. 한편 사고시 실시간 피폭해석을 위해서는 순간 관측치 및 15분 평균치의 기상자료가 계속 입력되어야 한다.

## 나. 기상관측자료의 분석

방사성물질에 의한 환경영향 평가를 위해 기본적으로 기상자료는 1시간당 평균된 자료가 요구된다. 적어도 매 시간동안 15분 연속자료가 시간당 평균을 나타내기 위해 사용된다. 강우량은 적산(cumulative) 기준으로 1시간당 자료가 요구된다. 이들 기상관측자료는 매달 한번씩 각 측정고도에 대해, 7개 대기안정도별 16개 풍향별, 12개 풍속등급별 기상군의 발생빈도가 전산 프로그램에 의해 분석된다.

15분 동안 관측된 자료는 모아져서 15분 평균 풍속으로 저장된다. 풍속은 통계적으로 합성풍과 최빈값(mode)을 많이 사용한다. 합성풍은 순간 바람의 벡터를 x, y 성분으로 분류하여 평균을 구한 후 다시 합성하는 것으로 다음 식[1]을 사용한다.

$$\begin{aligned}\bar{u} &= \frac{u_1 + u_2 + \dots + u_n}{n} \\ \bar{v} &= \frac{v_1 + v_2 + \dots + v_n}{n} \\ \bar{U} &= \sqrt{\bar{u}^2 + \bar{v}^2}\end{aligned}$$

여기서, u: 바람의 x 성분,

v: 바람의 y 성분

최빈값은 15분 동안 가장 많은 빈도를 갖는 주풍향(prevaling wind direction)을 택하는 방법인데 여기서는 합성풍을 구하여 표준편차를 계산하는데 이용하였다.

대기안정도를 구하는 방법에는 여러가지가 있는데 가장 많이 사용되는 방법은 풍향의 표준편차를 이용하는 것이다. 표 1에 풍향의 표준편차와 대기안정도의 관계를 나타내었다. 만일 기상탑 운용으로 상하층의 온도차이가 쉽게 구해질 수 있을 경우, 이를 기온감률(°C/100m)로 환산하여 구할 수도 있는데 표 2에 기온감률에 따른 대기안정도를 나타내었다.

풍속 및 온도, 습도, 일사, 시정, 기압 등은 단순히 순간값을 15분 동안 산술평

표 1. 풍향의 표준편차에 따른 대기안정도

(Classification of atmospheric stability with the standard deviation of wind direction).

Stability Classification	Pasquill Categories	$\sigma_{\theta}$ (degree)
Extremely unstable	A	$\sigma_{\theta} \geq 22.5$
Moderately unstable	B	$22.5 > \sigma_{\theta} \geq 17.5$
Slightly unstable	C	$17.5 > \sigma_{\theta} \geq 12.5$
Neutral	D	$12.5 > \sigma_{\theta} \geq 7.5$
Slightly stable	E	$7.5 > \sigma_{\theta} \geq 3.8$
Moderately stable	F	$3.8 > \sigma_{\theta} \geq 2.1$
Extremely stable	G	$2.1 > \sigma_{\theta}$

표 2. 기온감률에 따른 대기안정도

(Classification of atmospheric stability with the difference of vertical temperature).

Stability Classification	Pasquill Categories	$\Delta T/\Delta z$ (°C/100m)
Extremely unstable	A	$\Delta T/\Delta z \leq -1.9$
Moderately unstable	B	$-1.9 < \Delta T/\Delta z \leq -1.7$
Slightly unstable	C	$-1.7 < \Delta T/\Delta z \leq -1.5$
Neutral	D	$-1.5 < \Delta T/\Delta z \leq -0.5$
Slightly stable	E	$-0.5 < \Delta T/\Delta z \leq 1.5$
Moderately stable	F	$1.5 < \Delta T/\Delta z \leq 4.0$
Extremely stable	G	$4.0 < \Delta T/\Delta z$



균하여 사용한다. 단, 시정거리가 1km이하일 경우에는 안개로 정의하며[2] 안개 발생시간을 계산한다.

## 제 2 절 운영결과 및 고찰

기상탑은 연 1회, 승강기는 2개월마다 점검하였다. 관측기기는 5월 24일부터 27일까지, 11월 17일부터 18일까지 두차례 교정을 실시하였으며, 수시로 점검하여 고장시 보수하였다. 10월 12일에는 데이터로거를 비롯한 기상관측장비 전체에 대해서 대전지방기상청의 검정을 받아 모두 합격하였다.

### 1. 기상관측자료 수집

기상관측기기의 교정 일수 및 고장수리 등을 포함한 2004년 기상 관측률은 98.8 %였다. 결측의 발생 원인은 정기적인 기상 관측장비의 점검 외에 3월과 6월의 불시 정지와 보수 때문이었다. 표 3에 1년간 기상관측 및 결측횟수를 나타내었다.

### 2. 기상관측자료 분석

국지기상의 기후통계적 분석을 위하여 바람자료의 풍향, 풍속별 발생빈도를 계산하였으며 연간 바람장미를 그림 2에 제시하였다. 바람장미를 보면 1년간의 탁월풍은 남서풍으로 나타났으며 전년과 큰 차이가 없었다. 연간 정온상태(calm)는 67 m의 경우 27.3 %, 27 m에서 37.4 %, 10 m에서 52.2 %로 전년에 비해 67 m는 감소하였으나 27 m와 10 m에서는 오히려 증가하였다. 이는 평균 풍속의 증감과 관련이 있다고 보이나 기후가 변화하였다고 유추하기는 아직 이르다. 각 기상관측요소들의 평균, 최대, 최소값 등을 분석한 자료를 표 4부터 표7까지에 각각 나누어 실었다. 표 4는 매월의 최대풍향, 평균풍속, 최대풍속과 그때의 풍향, 발생시간을 높이별로 정리한 것이다. 연 평균 최대 풍향은 67 m에서는 남서풍, 27 m에서는 남서풍, 10 m에서는 북풍으로 전반적으로 남서풍이 우세하였다. 연 평균 풍속은 67 m에서 1.78 m/sec, 27 m에서 1.20 m/sec, 10 m에서 0.62 m/sec로 전년에 비해 0.3 ~ 0.1 m/sec 정도 높거나 낮아 큰 차이를 보이지는 않

표 3. 연간 기상관측 및 결측횟수 (Annual Data Recoveries) (2004년 1월 - 2004년 12월)

높이	67 m		27 m		10 m		합계
	관측횟수( % )	결측횟수( % )	관측횟수( % )	결측횟수( % )	관측횟수( % )	결측횟수( % )	
04_01	2976 (100.00)	- ( - )	2976 (100.00)	- ( - )	2976 (100.00)	- ( - )	2976
04_02	2783 ( 99.96)	1 ( 0.04)	2783 ( 99.96)	1 ( 0.04)	2783 ( 99.96)	1 ( 0.04)	2784
04_03	2894 ( 97.24)	82 ( 2.76)	2894 ( 97.24)	82 ( 2.76)	2894 ( 97.24)	82 ( 2.76)	2976
1분기	8653 ( 99.05)	83 ( 0.95)	8653 ( 99.05)	83 ( 0.95)	8653 ( 99.05)	83 ( 0.95)	8736
04_04	2880 (100.00)	- ( - )	2880 (100.00)	- ( - )	2880 (100.00)	- ( - )	2880
04_05	2926 ( 98.32)	50 ( 1.68)	2926 ( 98.32)	50 ( 1.68)	2926 ( 98.32)	50 ( 1.68)	2976
04_06	2856 ( 99.17)	24 ( 0.83)	2856 ( 99.17)	24 ( 0.83)	2856 ( 99.17)	24 ( 0.83)	2880
2분기	8662 ( 99.15)	74 ( 0.85)	8662 ( 99.15)	74 ( 0.85)	8662 ( 99.15)	74 ( 0.85)	8736
04_07	2976 (100.00)	- ( - )	2976 (100.00)	- ( - )	2976 (100.00)	- ( - )	2976
04_08	2939 ( 98.76)	37 ( 1.24)	2939 ( 98.76)	37 ( 1.24)	2939 ( 98.76)	37 ( 1.24)	2976
04_09	2880 (100.00)	- ( - )	2880 (100.00)	- ( - )	2880 (100.00)	- ( - )	2880
3분기	8795 ( 99.58)	37 ( 0.42)	8795 ( 99.58)	37 ( 0.42)	8795 ( 99.58)	37 ( 0.42)	8832
04_10	2976 (100.00)	- ( - )	2976 (100.00)	- ( - )	2976 (100.00)	- ( - )	2976
04_11	2644 ( 91.81)	236 ( 8.19)	2644 ( 91.81)	236 ( 8.19)	2644 ( 91.81)	236 ( 8.19)	2880
04_12	2976 (100.00)	- ( - )	2976 (100.00)	- ( - )	2976 (100.00)	- ( - )	2976
4분기	8596 ( 97.33)	236 ( 2.67)	8596 ( 97.33)	236 ( 2.67)	8596 ( 97.33)	236 ( 2.67)	8832
년	34706 ( 98.78)	430 ( 1.22)	34706 ( 98.78)	430 ( 1.22)	34706 ( 98.78)	430 ( 1.22)	35136

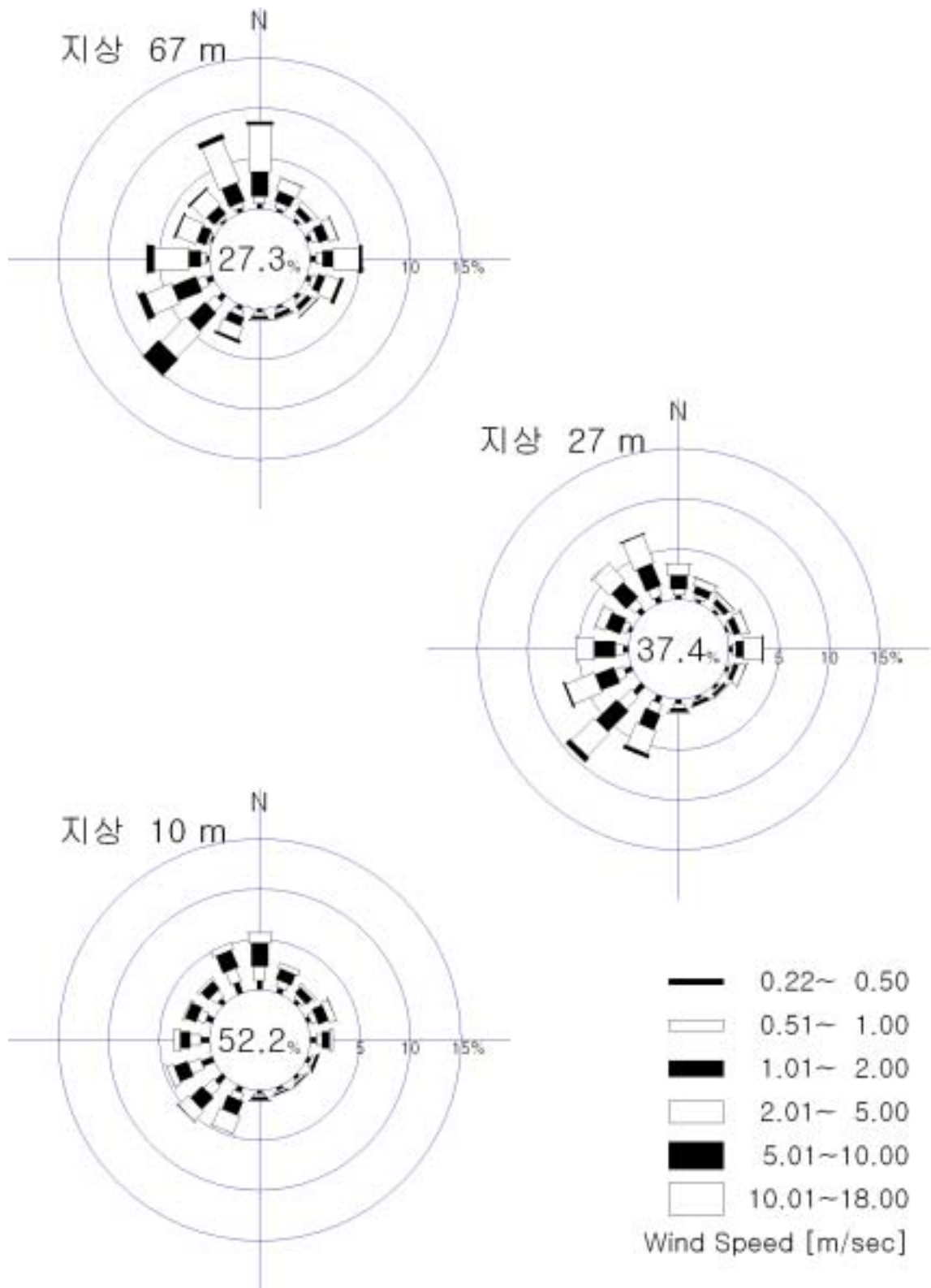


그림 2. 연간 바람장미 (Annual wind rose)

왔다. 표 5와 표 6에 각각 기온과 상대습도의 평균, 최대, 최소값 등을 실었다. 2004년 연 평균 기온은 67 m에서 13.08 °C, 27 m에서 13.80 °C, 10 m에서 13.05 °C, 백엽상이 위치한 1.5 m에서 12.97 °C로 전년에 비해 0.5 ~ 0.8 °C 높아졌으나 이는 전년에 0.4 ~ 1.7 °C 감소했던 것과 비교하면 기후적인 큰 변동은 없었다고 판단된다. 연 평균 상대습도는 약 70 ~ 74 %를 유지하여 전년과 비슷하였다.

표 7은 일사, 기압, 강우, 시정, 안개발생시간 등에 대한 연간 통계값을 나타낸다. 각 기상요소에 대한 자료의 단위는 다음과 같다.

- 바람
  - 최대풍향 : 16방위 (%)
  - 평균풍속 : m/sec
  - 최대풍속 : m/sec, 최대풍속이 나타난 풍향 : 16방위 (나타난 시간)
- 기온
  - 평균, 최고, 최저 : °C (나타난 시간)
- 습도
  - 평균, 최고, 최저 : % (나타난 시간)
- 일사
  - 일사량 : MJ/m<sup>2</sup>
  - 최대 일사율 : W/m<sup>2</sup> (나타난 시간)
- 기압
  - 평균, 최고, 최저 : hPa (나타난 시간)
- 강우
  - 일 합계, 15분 최다, 1 시간 최다 : mm (나타난 시간)
- 시정
  - 평균, 최대, 최소 : km (나타난 시간)
  - 총안개발생시간 : 시간

표 8에 각 기상요소의 연간 월별, 분기별 통계자료를 실었다.

관측된 자료는 온라인으로 연결되어 원자력시설의 방사성물질 누출시 실시간

확산 및 피폭예측에 이용되기도 하지만, 1년간 대기안정도 및 풍향, 풍속구간별 빈도를 통계처리하여 방사성물질의 장기간 확산 및 피폭선량 평가에 이용된다. 3개 높이의 관측위치로부터 관측된 기상자료를 통계처리하여 대기안정도와 풍향, 풍속별 발생빈도를 계산하였으며 이를 표 9에 제시하였다.

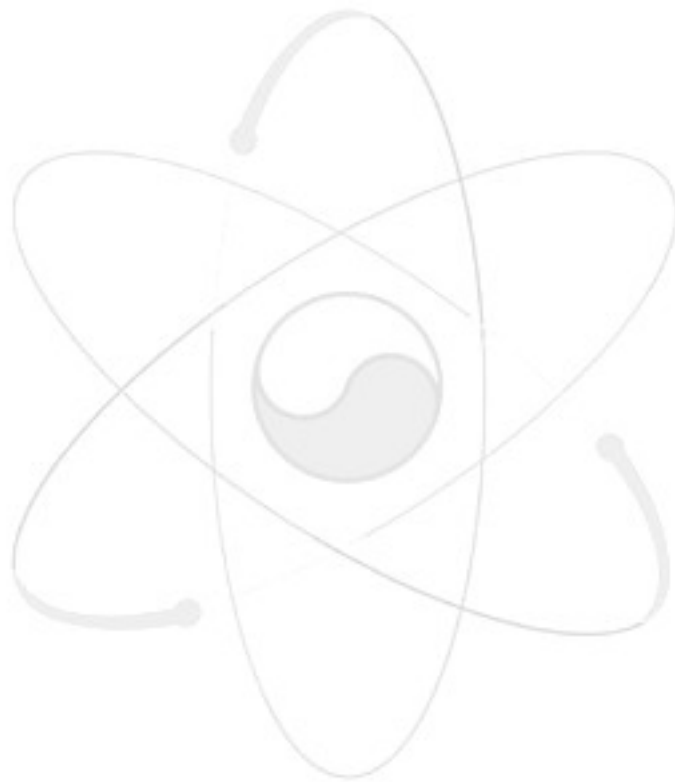


표 4. 바람의 월간 통계값(Monthly statistics of wind: 2004년 1월)

높이	67 m				27 m				10 m			
	최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)				
		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)			
1	SM ( 15.63)	0.91	5.75	SM (13:15)	SM ( 60.42)	1.05	4.39	SM (13:30)	SM ( 18.75)	0.68	3.30	SSM (13:30)
2	N ( 23.96)	1.57	5.73	MSM (13:30)	MSM ( 19.79)	1.46	4.83	N (13:15)	MSM ( 25.00)	0.93	3.41	MSM (13:15)
3	NNM ( 14.58)	0.69	4.15	NM (19:45)	SM ( 20.83)	0.76	2.76	NM (19:45)	NNM ( 14.58)	0.42	1.96	NNE (13:00)
4	N ( 14.58)	0.48	3.38	N (19:00)	NNM ( 20.83)	0.53	2.76	NNM (19:00)	NNM ( 15.63)	0.35	1.73	NNM (14:45)
5	N ( 3.13)	0.08	0.93	N (13:45)	NNM ( 16.67)	0.36	1.96	N (12:15)	NNE ( 8.33)	0.29	2.02	NNE (12:15)
6	SM ( 8.33)	0.28	2.65	MSM (23:30)	SM ( 17.71)	0.50	2.79	SM (23:30)	SM ( 15.63)	0.39	2.13	SM (10:30)
7	NNM ( 20.83)	1.24	5.76	NNM (14:15)	NM ( 29.17)	1.06	4.40	NNM (14:15)	NNM ( 15.63)	0.72	3.54	NNM (14:15)
8	NNM ( 8.33)	0.41	3.91	NNM ( 0:30)	NM ( 9.38)	0.42	2.58	NM (18:15)	NNM ( 11.46)	0.27	1.22	NNM (18:15)
9	MSM ( 10.42)	0.49	3.51	NM (19:30)	SSM ( 12.50)	0.61	2.69	SM (16:00)	MSM ( 9.38)	0.42	1.88	MSM (15:45)
10	N ( 18.75)	1.51	5.06	NNM (11:30)	NNM ( 22.92)	1.54	3.96	NNM (11:30)	N ( 22.92)	1.04	3.26	NNM (11:30)
11	NNM ( 4.17)	0.22	2.73	NNM (17:30)	NNM ( 10.42)	0.41	2.68	SM (20:30)	NNM ( 11.46)	0.20	1.10	NNM (17:00)
12	SM ( 27.08)	2.00	6.71	N (23:15)	SM ( 30.21)	1.70	4.85	N (23:30)	SM ( 22.92)	1.06	3.10	SM (17:15)
13	N ( 51.04)	3.29	6.66	N ( 3:45)	N ( 51.04)	2.47	5.13	MSM ( 4:15)	N ( 38.54)	1.47	3.16	MSM (13:15)
14	N ( 22.92)	0.99	3.31	NNM ( 2:15)	NNM ( 19.79)	0.98	3.09	NNM (13:30)	NNM ( 26.04)	0.69	2.63	NNE (13:30)
15	N ( 5.21)	0.17	2.12	N (13:30)	NNM ( 16.67)	0.35	2.02	NNM (13:15)	N ( 9.38)	0.23	1.93	N (13:15)
16	NNE ( 6.25)	0.47	3.30	ESE (23:15)	N ( 14.58)	0.40	2.79	N (16:30)	N ( 15.63)	0.25	2.00	N (16:30)
17	MSM ( 8.33)	0.32	2.52	NNM ( 4:15)	SM ( 8.33)	0.32	2.36	N ( 3:30)	SM ( 8.33)	0.19	1.50	NNM ( 3:45)
18	N ( 33.33)	1.84	5.95	N (20:15)	MSM ( 23.96)	1.36	4.18	N (20:15)	N ( 26.04)	0.75	2.62	SSM (14:45)
19	N ( 38.54)	1.80	4.99	N ( 1:00)	MSM ( 37.50)	1.40	3.55	MSM ( 1:00)	MSM ( 21.88)	0.78	1.93	NM (16:00)
20	NNM ( 36.46)	2.04	9.81	NNM (24:00)	NM ( 33.33)	1.54	6.90	NNM (24:00)	N ( 18.75)	1.06	4.64	NNM (24:00)
21	NNM ( 52.08)	2.38	6.44	NNM ( 0:15)	NNM ( 54.17)	1.82	4.18	NM ( 0:15)	N ( 42.71)	1.33	2.93	NNM ( 0:15)
22	NM ( 14.58)	1.22	5.18	NNM (12:00)	NNM ( 22.92)	1.02	4.13	NM (12:15)	NM ( 13.54)	0.69	3.20	N (12:15)
23	N ( 16.67)	0.75	3.67	NNE (11:45)	NNM ( 16.67)	0.77	3.81	N (11:45)	N ( 14.58)	0.57	3.12	NE (11:45)
24	NM ( 15.63)	1.26	4.24	NM (14:15)	NM ( 20.83)	1.21	3.44	N (13:15)	NM ( 11.46)	0.79	3.21	NNE (13:15)
25	NNM ( 22.92)	1.15	3.46	NNM (15:45)	NM ( 29.17)	1.02	3.11	NNM (13:00)	MSM ( 11.46)	0.65	2.72	NNE (13:00)
26	N ( 23.96)	1.02	3.68	NNE (12:15)	NNM ( 55.21)	1.13	3.75	NNM (12:15)	NNM ( 21.88)	0.73	2.96	NE (12:15)
27	N ( 16.67)	1.06	3.90	NM (16:00)	N ( 29.17)	0.98	3.12	N (17:15)	NNM ( 13.54)	0.59	2.18	NNE (14:15)
28	MSM ( 33.33)	1.16	3.82	N (14:30)	SM ( 45.83)	1.01	3.06	MSM (14:30)	SM ( 19.79)	0.54	2.10	N (14:30)
29	NNM ( 11.46)	0.62	4.24	NNM (20:30)	N ( 20.83)	0.59	2.82	N (20:30)	MSM ( 8.33)	0.39	2.23	N (13:30)
30	N ( 9.38)	0.87	5.59	N (19:00)	SM ( 11.46)	0.79	4.36	NNM (18:45)	NNM ( 12.50)	0.55	2.84	N (18:15)
31	N ( 11.46)	0.49	3.66	NNM (19:30)	NNM ( 10.42)	0.51	3.04	NNM (16:00)	NNM ( 9.38)	0.40	2.32	NNM (16:00)
월	NNM ( 9.34)	1.06	9.81	NNM ( 1/20)	SM ( 10.95)	0.97	6.90	NNM ( 1/20)	NNM ( 8.77)	0.63	4.64	NNM ( 1/20)

표 4. 계속 (Continued: 2004년 2월)

높이	67 m				27 m				10 m			
	최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)				
		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)			
1	SM ( 20.83)	1.05	6.41	SM (15:45)	SM ( 26.04)	0.86	4.57	SM (15:45)	SM ( 19.79)	0.58	3.13	SM (15:45)
2	NNM ( 26.04)	2.77	6.67	NNM (11:45)	NNM ( 39.58)	2.18	5.29	NNM (11:45)	NNM ( 26.04)	1.44	3.80	NNM (11:45)
3	NNM ( 26.04)	1.73	5.56	N (15:15)	NNM ( 27.08)	1.40	4.61	N (15:15)	NNM ( 16.67)	0.91	3.30	MSM (15:15)
4	SM ( 37.50)	2.42	6.13	MSM (14:15)	SM ( 30.21)	1.90	4.84	MSM (14:00)	MSM ( 30.21)	1.28	3.66	SSM (15:00)
5	N ( 25.00)	2.53	6.65	NNM ( 4:45)	N ( 35.42)	1.85	4.34	N ( 4:30)	NNM ( 23.96)	1.16	2.79	NNM ( 4:45)
6	SM ( 21.88)	2.17	6.67	MSM (14:45)	MSM ( 30.21)	1.62	5.09	MSM (14:45)	SM ( 22.92)	1.04	3.74	SM (14:45)
7	N ( 28.13)	2.61	5.96	MSM (15:45)	N ( 30.21)	1.90	4.67	N (15:45)	N ( 26.04)	1.22	3.39	SM (15:45)
8	SM ( 40.63)	3.94	8.62	SM (11:00)	SSM ( 36.46)	2.72	6.23	SSM (11:15)	MSM ( 22.92)	1.72	4.60	SSM (11:00)
9	N ( 14.58)	1.16	3.97	NNM (20:15)	NNM ( 22.92)	0.98	3.23	N (14:15)	NNM ( 20.83)	0.68	2.77	NNE (14:15)
10	NNE ( 6.25)	0.53	3.19	NNM (19:45)	NNM ( 12.50)	0.54	2.54	NNM (13:45)	E ( 7.29)	0.41	2.17	NE (13:30)
11	SM ( 19.79)	2.44	7.33	SM (11:00)	SM ( 26.04)	1.90	5.56	SM (15:15)	SM ( 16.67)	1.26	4.08	SSM (12:15)
12	N ( 12.50)	0.80	3.95	NNM (19:15)	NNM (17.71)	0.72	2.80	NNM (20:30)	NNM ( 14.58)	0.47	1.92	NNM (16:30)
13	SM ( 30.21)	1.75	6.41	SM (16:00)	SSM ( 27.08)	1.42	4.92	SSM (16:00)	SSM ( 26.04)	1.04	3.88	SM (14:00)
14	N ( 44.79)	5.59	10.49	MSM ( 4:00)	N ( 40.63)	3.96	7.80	N (13:45)	N ( 36.46)	2.58	5.08	MSM ( 4:00)
15	N ( 47.92)	3.22	7.25	MSM (13:15)	MSM ( 65.63)	2.30	5.45	SM (13:15)	MSM ( 39.58)	1.39	3.97	SM (13:15)
16	SM ( 18.75)	1.39	5.39	MSM (15:45)	SM ( 19.79)	1.01	4.13	MSM (15:45)	SM ( 11.46)	0.64	3.49	SSM (14:00)
17	NNM ( 24.21)	2.19	6.80	NNM (13:30)	NNM ( 16.84)	1.59	5.15	NNM (13:30)	NNM ( 15.79)	1.06	3.75	NNM (13:30)
18	MSM ( 16.67)	0.80	4.36	MSM (15:30)	SM ( 17.71)	0.75	3.52	MSM (15:30)	MSM ( 13.54)	0.45	2.58	MSM (15:30)
19	N ( 10.42)	0.68	3.32	N (20:30)	NNM ( 10.42)	0.52	2.59	SSM (14:45)	N ( 8.33)	0.39	2.08	NNE (14:45)
20	SM ( 8.33)	0.43	2.64	MSM (22:00)	NNM ( 8.33)	0.37	1.69	NNM (22:00)	SSM ( 5.21)	0.31	1.35	SM (10:15)
21	SSM ( 19.79)	1.28	6.01	SSM (17:30)	SSM ( 15.63)	1.01	4.63	SM (17:30)	SSM ( 21.88)	0.76	3.55	SSM (17:30)
22	N ( 48.96)	4.91	8.72	SM ( 0:45)	MSM ( 54.17)	3.43	6.61	MSM (20:30)	N ( 40.63)	2.13	4.25	SSM ( 1:00)
23	N ( 41.67)	2.88	7.31	N ( 0:30)	N ( 44.79)	2.22	5.85	MSM ( 0:15)	N ( 30.21)	1.47	3.89	N ( 0:15)
24	SM ( 41.67)	2.38	7.53	SSM (13:45)	SM ( 34.38)	1.69	6.66	SSM (13:45)	SM ( 21.88)	1.16	5.67	SSM (13:45)
25	SM ( 20.83)	3.59	11.35	SM (15:00)	N ( 18.75)	2.63	8.27	SM (15:00)	SSM ( 16.67)	1.79	5.92	SM (14:30)
26	N ( 65.63)	2.85	5.61	NNM (15:30)	MSM ( 66.67)	2.16	4.08	N (15:30)	N ( 46.88)	1.30	3.07	N (15:30)
27	N ( 33.33)	1.92	4.72	N ( 1:00)	MSM ( 40.63)	1.72	3.59	NNM (13:00)	MSM ( 30.21)	1.13	2.75	N (11:15)
28	SM ( 16.67)	1.17	8.12	SM (16:15)	SSM ( 32.29)	1.09	6.01	SSM (16:15)	SSM ( 15.63)	0.77	4.58	SM (16:15)
29	NNM ( 48.96)	2.87	7.78	N (18:45)	NNM ( 66.67)	2.37	6.65	NNM (19:15)	N ( 53.13)	1.72	5.25	N (19:15)
월	N ( 16.64)	2.21	11.35	SM ( 2/25)	MSM ( 17.43)	1.68	8.27	SM ( 2/25)	MSM ( 13.19)	1.11	5.92	SM ( 2/25)

표 4. 계속 (Continued: 2004년 3월)

높이	67 m				27 m				10 m			
	일	최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		일	
			평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		
1	NNM ( 46.88)	2.67	5.17	N ( 2:45)	NNM ( 68.75)	2.15	4.56	NNM ( 2:45)	N ( 40.63)	1.60	3.49	NNE (11:30)
2	NNM ( 52.08)	2.55	7.51	NNM (13:45)	NM ( 65.63)	1.91	5.62	NM (13:45)	NNM ( 34.38)	1.35	4.12	NNM (13:45)
3	N ( 11.58)	1.28	3.61	N (20:45)	N ( 11.58)	1.16	3.14	N (14:15)	N ( 12.63)	0.74	2.92	N (14:15)
4	SM ( 48.96)	3.28	11.05	SM (24:00)	SSM ( 43.75)	2.61	8.03	SM (24:00)	SSM ( 44.79)	1.90	5.37	SM (24:00)
5	SM ( 3.13)	0.67	10.55	SM ( 0:45)	MSM ( 9.38)	0.57	7.12	SM ( 0:15)	N ( 4.17)	0.29	5.03	SM ( 0:45)
6	N ( 14.58)	0.95	4.59	N (23:30)	N ( 39.58)	1.35	3.83	N (16:15)	MSM ( 27.08)	0.94	2.79	N (14:30)
7	N ( 46.67)	2.81	3.69	N ( 0:15)	MSM ( 86.67)	1.99	2.56	MSM ( 0:15)	MSM ( 53.33)	0.83	1.32	N ( 0:15)
8	SM ( 33.33)	1.51	6.73	SM (13:15)	SM ( 27.08)	0.98	5.04	SM (13:00)	SM ( 18.75)	0.67	3.82	SSM (12:45)
9	SM ( 22.92)	1.00	4.37	SM (15:00)	SM ( 20.83)	0.81	3.26	SM (14:45)	SM ( 15.63)	0.47	2.67	MSM (14:45)
10	SM ( 30.21)	3.92	10.33	SM (11:00)	SSM ( 31.25)	2.47	7.16	SSM (11:00)	SSM ( 23.96)	1.65	5.22	SM (11:00)
11	NNM ( 28.13)	1.34	4.32	N (12:00)	NNM ( 37.50)	1.20	3.68	NNM (12:00)	N ( 23.96)	0.80	3.00	N (12:00)
12	MSM ( 10.42)	1.12	4.72	NM (18:00)	N ( 25.00)	1.01	3.50	N (18:15)	MSM ( 10.42)	0.66	2.29	NM (18:00)
13	SM ( 16.67)	0.64	5.78	SM (17:00)	SM ( 29.17)	0.87	4.81	MSM (17:00)	SSM ( 12.50)	0.56	3.74	SSM (17:00)
14	N ( 17.71)	1.02	5.22	N (18:45)	NNM ( 23.96)	1.19	4.16	NM (18:45)	N ( 26.04)	0.80	2.92	N (18:45)
15	SM ( 17.71)	0.63	4.04	MSM (17:00)	SM ( 16.67)	0.60	2.98	SM (16:30)	SM ( 13.54)	0.39	2.35	SSM (16:30)
16	SM ( 46.88)	3.23	7.74	SSM (12:30)	SM ( 34.38)	2.29	5.99	SM (12:30)	SM ( 31.25)	1.60	4.86	SSM (12:30)
17	NNM ( 41.67)	3.23	7.92	SM ( 5:15)	NM ( 46.88)	2.30	5.29	SSM ( 5:15)	NNM ( 25.00)	1.55	3.70	SSM ( 1:45)
18	NNM ( 35.42)	1.93	3.69	N (16:00)	NNM ( 66.67)	1.70	3.34	N (16:15)	N ( 25.00)	1.15	2.99	NNE (16:00)
19	N ( 25.00)	1.58	4.84	N (20:15)	NNM ( 28.13)	1.47	4.02	NE (13:00)	N ( 23.96)	1.10	3.38	NE (13:00)
20	NNM ( 38.54)	1.57	4.90	NNM (19:00)	NM ( 26.04)	1.21	3.24	NM (19:45)	N ( 18.75)	0.87	2.75	NNE (12:00)
21	E ( 18.75)	1.00	3.83	E (17:15)	NE ( 20.83)	0.79	3.19	NNE (16:30)	ENE ( 13.54)	0.65	2.22	NNE (12:15)
22	NNM ( 14.58)	1.01	3.92	SM ( 1:30)	NM ( 21.88)	0.88	2.88	SSE ( 1:30)	NNM ( 12.50)	0.64	2.09	SSM ( 1:30)
23	N ( 9.38)	0.63	3.10	N (17:15)	N ( 18.75)	0.57	2.41	N (17:15)	ENE ( 6.25)	0.41	1.91	NNM (15:30)
24	NNM ( 18.75)	1.15	4.43	NNM (20:15)	NM ( 21.88)	1.09	3.64	NM (20:15)	N ( 23.96)	0.82	2.60	NNE (15:45)
25	N ( 19.79)	1.16	5.16	N (17:15)	NNM ( 21.88)	0.95	4.23	NNM (17:15)	N ( 14.58)	0.66	3.31	N (17:15)
26	N ( 8.33)	0.96	5.31	N (20:45)	NM ( 21.88)	0.76	3.75	NM (20:30)	NNM ( 8.33)	0.59	3.10	NNE (14:30)
27	MSM ( 16.67)	1.05	3.74	NNM (20:30)	MSM ( 21.88)	0.86	2.66	SM (15:45)	SM ( 15.63)	0.57	2.28	MSM (15:45)
28	SM ( 10.42)	1.16	5.24	MSM (17:15)	SM ( 28.13)	1.01	3.81	N (17:15)	MSM ( 14.58)	0.68	2.91	SM (15:00)
29	MSM ( 29.17)	2.07	6.19	MSM (20:45)	MSM ( 33.33)	1.46	4.33	MSM (13:30)	MSM ( 22.92)	0.99	3.30	SM (13:30)
30	N ( 25.00)	2.78	6.36	NNM (15:00)	N ( 27.08)	2.15	5.32	NNM (15:00)	NNM ( 18.75)	1.45	3.71	NNM (15:00)
31	MSM ( 27.08)	2.14	6.88	MSM (16:00)	MSM ( 50.00)	1.85	5.30	MSM (15:45)	MSM ( 23.96)	1.10	3.67	MSM (15:45)
월	NNM ( 12.09)	1.65	11.05	SM ( 3/ 4)	NNM ( 11.51)	1.34	8.03	SM ( 3/ 4)	N ( 8.85)	0.92	5.37	SM ( 3/ 4)



표 4. 계속 (Continued: 2004년 4월)

높이	67 m				27 m				10 m			
	최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)				
		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)			
1	ESE ( 9.38)	1.57	9.77	SM (17:00)	S ( 15.63)	1.36	7.44	SSM (17:00)	SM ( 10.42)	0.91	5.14	SSM (16:15)
2	MSM ( 47.92)	3.88	8.36	MSM (12:45)	MSM ( 65.63)	2.93	6.47	MSM (12:45)	MSM ( 34.38)	1.88	4.27	MSM (12:45)
3	N ( 30.21)	2.08	4.59	NM (10:30)	N ( 55.21)	1.68	3.69	N (17:15)	N ( 22.92)	1.01	2.82	NNM (10:30)
4	NNM ( 16.67)	1.40	4.52	NNM (17:00)	NM ( 19.79)	1.21	3.50	NM (15:45)	NNM ( 12.50)	0.85	3.06	N (12:30)
5	SM ( 34.38)	1.37	5.12	SM (18:00)	SM ( 40.63)	1.29	4.28	MSM (17:00)	MSM ( 15.63)	0.76	2.97	MSM (16:45)
6	N ( 23.96)	1.12	5.29	N (18:15)	NNM ( 37.50)	1.30	4.93	NNM (18:15)	N ( 34.38)	0.86	3.56	N (18:15)
7	NNM ( 30.21)	2.25	5.04	NNM (19:30)	NNM ( 42.71)	1.92	3.93	N (19:30)	N ( 29.17)	1.25	2.69	NM (17:30)
8	N ( 12.50)	1.41	6.68	NNM (18:30)	NNM ( 16.67)	1.32	5.15	N (18:30)	NNM ( 11.46)	0.87	3.13	N (18:30)
9	SM ( 51.04)	1.87	7.28	SM (17:30)	SM ( 38.54)	1.51	5.34	SSM (17:30)	SSM ( 28.13)	1.06	4.18	SSM (17:30)
10	SE ( 7.29)	0.86	4.52	NM (19:30)	SSM ( 12.50)	0.69	2.89	SSM (22:15)	E ( 7.29)	0.42	2.33	MSM (20:15)
11	NNM ( 11.46)	1.22	4.19	MSM (16:15)	SM ( 16.67)	1.01	3.60	MSM (16:15)	MSM ( 11.46)	0.59	2.49	MSM (16:15)
12	N ( 19.79)	1.61	5.13	ESE (23:45)	NNM ( 26.04)	1.20	3.83	ENE (23:30)	N ( 12.50)	0.80	2.24	ENE (23:45)
13	E ( 22.92)	1.68	4.57	E ( 1:00)	N ( 14.58)	1.20	3.52	ENE ( 0:30)	ENE ( 15.63)	0.78	2.62	ENE ( 0:15)
14	NNM ( 29.17)	1.78	5.03	NNM (17:00)	NNM ( 26.04)	1.25	3.29	NNM (17:00)	NNM ( 17.71)	0.83	3.04	NNE (11:00)
15	N ( 12.50)	1.07	5.69	N (17:00)	MSM ( 17.71)	0.89	3.75	MSM (17:00)	MSM ( 14.58)	0.43	2.35	MSM (16:45)
16	SM ( 53.13)	3.51	8.24	SM (14:45)	SM ( 54.17)	2.42	6.31	SM (13:00)	SSM ( 37.50)	1.65	5.21	SSM (13:00)
17	SM ( 28.13)	2.24	5.39	SM (10:30)	SM ( 44.79)	1.58	4.24	SM (10:30)	SSM ( 17.71)	0.87	3.21	SSM (11:45)
18	E ( 12.50)	1.63	7.45	SE (17:15)	E ( 11.46)	1.11	5.03	SSE (17:15)	ENE ( 13.54)	0.70	3.57	ENE (23:45)
19	N ( 30.21)	2.04	6.56	N (17:15)	N ( 25.00)	1.20	5.36	MSM (17:15)	MSM ( 14.58)	0.71	3.56	SM (17:00)
20	SM ( 35.42)	2.28	6.20	SSM (18:00)	SSM ( 23.96)	1.48	4.50	SSM (17:45)	SSM ( 20.83)	0.94	3.55	SSM (18:00)
21	SM ( 27.08)	2.09	7.03	SM (15:15)	SM ( 34.38)	1.33	5.25	SM (13:15)	SSM ( 18.75)	0.89	4.19	SSM (12:45)
22	SM ( 25.00)	4.07	8.11	SM (10:30)	SSM ( 37.50)	2.64	6.01	SSM (10:30)	SSM ( 28.13)	1.70	4.93	SSM (10:30)
23	NNM ( 38.54)	3.58	6.28	NNM ( 8:00)	NM ( 30.21)	2.49	4.34	NNM ( 8:30)	NNM ( 23.96)	1.56	3.18	N ( 9:45)
24	NNM ( 22.92)	1.81	4.90	NNM (14:15)	MSM ( 20.83)	1.51	3.99	NNM (14:15)	NNM ( 14.58)	0.85	3.00	N (14:15)
25	MSM ( 16.67)	1.56	4.40	NNM (16:30)	MSM ( 25.00)	1.15	3.61	MSM (15:30)	SM ( 10.42)	0.67	2.19	MSM (12:15)
26	NE ( 19.79)	1.92	5.36	E (13:45)	NNE ( 18.75)	1.49	4.07	ENE (13:45)	NNE ( 15.63)	1.12	3.11	N (17:45)
27	N ( 62.50)	3.35	7.05	N ( 6:45)	NNM ( 45.83)	2.48	5.92	NNM ( 7:00)	N ( 38.54)	1.62	4.10	N ( 6:30)
28	N ( 15.63)	0.94	3.44	NM (13:30)	N ( 22.92)	0.79	2.52	N (13:30)	SM ( 11.46)	0.55	1.96	NNM (13:30)
29	MSM ( 14.58)	1.60	4.18	N (16:00)	MSM ( 27.08)	1.12	3.20	N (16:00)	SSM ( 9.38)	0.53	2.15	SM (11:15)
30	ENE ( 9.38)	0.66	4.21	MSM ( 8:15)	SM ( 8.33)	0.47	3.42	NNM ( 8:15)	NNE ( 4.17)	0.25	2.00	SM ( 8:00)
월	SM ( 12.01)	1.95	9.77	SM ( 4/ 1)	SM ( 13.47)	1.47	7.44	SSM ( 4/ 1)	MSM ( 8.44)	0.93	5.21	SSM ( 4/16)

표 4. 계속 (Continued: 2004년 5월)

높이	67 m				27 m				10 m			
	일	최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)			
			평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		
1	E ( 47.92)	3.67	5.51	SE (15:30)	E ( 37.50)	2.55	4.58	SE (13:00)	ENE ( 43.75)	1.68	3.79	ENE ( 9:00)
2	E ( 55.21)	3.03	5.57	E ( 0:30)	E ( 53.13)	2.05	4.16	E ( 0:30)	E ( 31.25)	1.34	3.13	ENE ( 0:30)
3	N ( 16.67)	1.48	6.99	NNW (17:45)	MSM ( 26.04)	0.92	4.72	N (17:45)	MSM ( 19.79)	0.42	2.90	NNW (17:45)
4	N ( 23.96)	2.72	6.36	N ( 0:15)	MSM ( 25.00)	1.83	4.54	MSM ( 0:15)	N ( 14.58)	0.96	2.57	N (13:45)
5	SM ( 37.50)	3.50	9.47	SM (16:15)	SM ( 54.17)	2.27	6.66	SM (16:15)	SSM ( 29.17)	1.51	4.73	SSM (16:30)
6	SM ( 37.50)	3.79	9.36	SM ( 6:15)	SM ( 28.13)	2.40	6.56	SM ( 6:15)	SSM ( 30.21)	1.56	4.63	SSM ( 6:15)
7	NNE ( 9.38)	0.48	2.32	N (15:00)	NNW ( 8.33)	0.29	2.08	NNW (15:00)	NE ( 5.21)	0.15	1.52	NNE (15:00)
8	E ( 10.42)	0.95	3.62	E (23:15)	SE ( 5.21)	0.42	2.93	NNW (15:45)	N ( 5.21)	0.26	2.52	N (15:45)
9	E ( 39.58)	2.15	5.32	E (10:15)	ENE ( 29.17)	1.27	3.93	ENE (10:15)	ENE ( 23.96)	0.73	2.50	E (10:15)
10	SM ( 58.33)	3.04	6.01	MSM (22:30)	SSM ( 59.38)	2.00	4.46	SM (22:15)	SSM ( 50.00)	1.32	3.36	SSM ( 8:15)
11	SM ( 17.71)	0.90	2.93	SM ( 1:15)	SSM ( 13.54)	0.55	2.15	N (16:45)	SSM ( 11.46)	0.35	1.60	N (15:15)
12	ENE ( 11.46)	0.72	3.35	ENE (18:15)	ENE ( 5.21)	0.42	2.20	ENE (17:30)	NE ( 10.42)	0.26	1.76	NE (17:30)
13	NNW ( 30.21)	1.95	4.65	N (10:15)	N ( 30.21)	1.20	3.52	N (10:15)	NNW ( 14.58)	0.61	2.40	NNE (13:15)
14	MSM ( 12.50)	1.23	4.04	N (21:45)	NN ( 13.54)	0.79	2.70	NNW (14:15)	ENE ( 7.29)	0.40	2.14	NE (14:15)
15	SM ( 17.71)	0.84	3.76	SM (12:30)	SM ( 13.54)	0.44	2.92	SM (12:30)	SM ( 8.33)	0.18	1.94	SM (12:30)
16	NNW ( 34.38)	1.53	3.70	N ( 0:15)	N ( 18.75)	0.73	2.25	N ( 0:15)	N ( 14.58)	0.37	1.80	NNE (15:00)
17	SM ( 57.29)	4.72	10.65	SM ( 9:30)	SSM ( 60.42)	3.05	7.58	SM ( 9:30)	SM ( 41.67)	2.00	5.04	SM ( 9:30)
18	SM ( 57.29)	5.31	12.29	SM (15:00)	SM ( 47.92)	3.61	9.03	SM (15:00)	SM ( 48.96)	2.41	6.14	SM (14:15)
19	SM ( 84.38)	6.48	9.81	MSM (15:00)	SSM ( 59.38)	4.59	6.82	SM (18:30)	SSM ( 62.50)	3.23	4.96	SM (18:30)
20	SM ( 28.13)	2.93	7.43	SSM ( 1:30)	SSM ( 33.33)	2.25	5.56	SSM ( 1:30)	SSM ( 36.46)	1.45	4.39	SSM ( 1:30)
21	N ( 30.21)	2.51	6.43	N (14:00)	N ( 37.50)	1.76	5.19	N (14:00)	NNW ( 20.83)	0.92	3.13	N (14:00)
22	MSM ( 23.96)	1.64	5.06	MSM (13:00)	SSM ( 28.13)	1.23	3.84	MSM (13:00)	SM ( 20.83)	0.52	2.87	SM (13:00)
23	MSM ( 36.46)	1.87	5.49	MSM (14:00)	MSM ( 40.63)	1.52	4.37	MSM (14:00)	SM ( 14.58)	0.79	3.04	MSM (14:00)
24	SM ( 14.29)	1.18	6.06	NNW (19:30)	SM ( 12.70)	0.59	3.90	NNW (19:45)	NNW ( 7.94)	0.36	2.19	NNW (18:45)
25	NNW ( 21.88)	1.51	5.42	NNW (20:45)	NNW ( 13.54)	0.76	4.00	NN (20:15)	N ( 13.54)	0.67	2.17	NNW (20:15)
26	MSM ( 9.38)	0.67	3.67	SM (10:15)	SM ( 6.25)	0.40	2.82	SM (10:15)	N ( 9.38)	0.36	1.90	SM (10:15)
27	SM ( 33.33)	1.57	5.78	SM (17:30)	SM ( 23.96)	0.90	4.11	SSM (18:15)	SM ( 20.83)	0.68	2.85	SM (18:15)
28	SM ( 28.13)	2.39	8.43	SM (13:15)	SSM ( 25.00)	1.53	6.53	SSM (13:00)	SSM ( 26.04)	1.05	4.78	SSM (13:00)
29	N ( 44.79)	1.48	4.19	N (21:45)	N ( 20.83)	0.89	3.39	NN (21:30)	N ( 26.04)	0.68	2.01	NNE (13:30)
30	SM ( 16.46)	1.10	5.64	SSM (15:15)	SSM ( 17.72)	0.72	4.61	SSM (15:15)	SSM ( 16.46)	0.54	3.33	SSM (15:00)
31	NN ( 21.88)	2.48	4.85	NNE (14:00)	NNW ( 19.79)	1.78	4.31	NNE (14:00)	NNW ( 19.79)	1.05	3.51	NNE (14:00)
월	SM ( 18.69)	2.26	12.29	SM ( 5/18)	SSM ( 13.53)	1.48	9.03	SM ( 5/18)	SSM ( 12.20)	0.94	6.14	SM ( 5/18)

표 4. 계속 (Continued: 2004년 6월)

높이	67 m				27 m				10 m			
	최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)				
		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)			
1	NNE ( 15.63)	0.98	4.26	NNM (20:00)	SM ( 15.63)	0.94	2.96	NE (10:30)	N ( 11.46)	0.66	2.28	NE (10:30)
2	N ( 28.95)	1.41	5.82	N (21:00)	NNM ( 23.68)	1.05	4.56	NNM (21:00)	N ( 17.11)	0.63	2.28	NNE (12:00)
3	ENE ( 11.96)	0.52	1.65	SM (22:15)	MSM ( 7.61)	0.49	2.23	MSM (22:15)	N ( 6.52)	0.36	1.46	NNE (14:45)
4	NNM ( 31.25)	1.41	5.37	NNM (19:30)	NM ( 18.75)	0.93	3.99	NNM (19:30)	NNM ( 18.75)	0.56	1.93	N (19:30)
5	N ( 28.13)	1.41	4.50	N (17:30)	N ( 19.79)	1.15	3.21	NNE (17:15)	NNE ( 20.83)	0.82	2.34	NNE (17:30)
6	N ( 34.38)	2.89	6.15	N (20:15)	ENE ( 22.92)	2.06	5.13	NNM (20:15)	N ( 34.38)	1.29	3.32	N (20:15)
7	N ( 41.67)	2.43	6.15	N ( 0:30)	NNM ( 25.00)	1.70	4.92	NNM ( 0:30)	N ( 32.29)	1.06	2.79	N ( 0:30)
8	E ( 8.33)	0.82	4.09	SSM (20:30)	NM ( 8.33)	0.54	3.39	SSM (20:30)	NNM ( 10.42)	0.37	2.26	SSM (20:30)
9	N ( 21.68)	1.34	3.95	MSM (17:15)	MSM ( 14.58)	0.88	2.93	MSM (17:00)	N ( 14.58)	0.54	1.62	MSM (17:15)
10	N ( 22.92)	1.10	3.27	N (21:30)	NM ( 13.54)	0.67	2.35	NNE (11:30)	NNM ( 14.58)	0.55	1.98	NNE (11:30)
11	E ( 16.67)	1.27	3.49	NM (19:45)	NNM ( 10.42)	0.67	2.38	NNE (13:15)	NM ( 10.42)	0.52	1.94	NNE (13:15)
12	E ( 27.08)	2.56	6.31	ESE (14:15)	E ( 26.04)	1.96	5.16	E (14:30)	ENE ( 25.00)	1.30	3.66	ENE (13:45)
13	NNM ( 26.04)	1.87	6.03	NNM (20:30)	NNM ( 25.00)	1.42	3.73	NNE (11:30)	NNM ( 18.75)	0.95	2.60	NNE (11:30)
14	N ( 25.00)	1.57	6.07	NNM (20:15)	NNM ( 20.83)	1.06	3.84	NNM (20:15)	N ( 20.83)	0.70	2.25	NNM (20:15)
15	NNM ( 11.46)	0.97	6.00	SM (20:45)	SM ( 8.33)	0.82	4.71	SSM (20:45)	NM ( 11.46)	0.53	3.02	SSM (20:45)
16	ESE ( 27.08)	1.46	4.52	ESE (17:15)	ESE ( 22.92)	1.01	3.93	ESE (17:15)	ESE ( 13.54)	0.52	1.84	E (16:15)
17	E ( 30.21)	1.49	4.09	E (14:30)	E ( 17.71)	1.01	3.19	E (15:00)	ENE ( 13.54)	0.65	2.20	ENE (14:45)
18	SM ( 11.46)	0.45	3.52	SM (16:30)	SM ( 9.38)	0.22	2.80	SM (16:30)	SM ( 5.21)	0.23	1.88	SSM (16:30)
19	E ( 31.25)	1.86	4.35	ENE (16:00)	ENE ( 22.92)	0.99	3.34	ENE (17:15)	ENE ( 19.79)	0.75	2.49	NE (16:00)
20	ENE ( 14.58)	0.87	6.24	E (23:00)	ENE ( 9.38)	0.54	4.68	E (23:00)	ENE ( 9.38)	0.49	3.83	NNE (24:00)
21	SM ( 17.71)	2.94	8.72	E ( 2:30)	SSM ( 27.08)	2.13	7.38	E ( 2:30)	SSM ( 26.04)	1.51	5.17	ENE ( 2:30)
22	SSM ( 17.71)	1.35	7.30	NM (20:30)	SSM ( 18.75)	1.01	6.14	NM (20:15)	SSM ( 16.67)	0.81	3.68	NM (20:15)
23	SM ( 37.50)	2.34	5.82	SM (15:30)	SM ( 26.04)	1.34	5.05	SM (15:30)	SM ( 22.92)	0.91	3.58	SM (15:30)
24	ESE ( 33.33)	1.87	6.23	ESE (22:30)	ESE ( 22.92)	1.23	4.66	ESE (22:30)	E ( 19.79)	0.76	2.61	ENE (24:00)
25	E ( 28.13)	2.85	6.02	E ( 9:30)	E ( 30.21)	1.99	4.71	E ( 9:30)	E ( 19.79)	1.27	3.20	E ( 9:30)
26	SSE ( 13.54)	1.22	3.95	NNM (22:15)	N ( 11.46)	0.74	3.35	N (22:30)	N ( 14.58)	0.61	2.19	N (22:30)
27	NNM ( 27.08)	1.12	4.16	NNM (17:30)	NM ( 13.54)	0.58	2.88	NM (17:30)	NNM ( 14.58)	0.50	1.82	NNM (17:30)
28	NNM ( 28.13)	1.04	4.78	NNM (22:00)	NM ( 18.75)	0.55	2.91	NNM (22:00)	NNM ( 17.71)	0.49	1.62	N (22:00)
29	NNM ( 44.79)	1.50	4.10	NNM (22:45)	NM ( 23.96)	0.79	2.68	NNM (22:45)	NNM ( 26.04)	0.65	1.99	NNE (13:45)
30	N ( 16.67)	1.04	3.89	E (23:00)	NNM ( 15.63)	0.58	3.22	E (23:15)	N ( 14.58)	0.46	2.42	ENE (23:15)
월	N ( 10.57)	1.54	8.72	E ( 6/21)	NNM ( 8.65)	1.04	7.38	E ( 6/21)	N ( 9.77)	0.72	5.17	ENE ( 6/21)

표 4. 계속 (Continued: 2004년 7월)

높이	67 m				27 m				10 m			
	일	최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)			
			평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		
1	E ( 51.04)	1.65	3.83	E ( 0:45)	E ( 32.29)	1.05	3.15	E ( 0:45)	ENE ( 32.29)	0.81	2.64	ENE (16:30)
2	SSM ( 29.17)	1.76	4.49	SSM ( 5:00)	SSM ( 31.25)	0.86	3.24	SSM ( 5:00)	SSM ( 29.17)	0.69	2.37	SSM ( 5:00)
3	SM ( 14.58)	1.61	5.83	NNE (21:30)	NNE ( 13.54)	0.85	4.47	NNE (21:30)	N ( 16.67)	0.72	3.50	NNE (21:15)
4	ENE ( 27.08)	4.36	9.29	E (11:30)	E ( 20.83)	3.28	7.82	E (11:30)	NE ( 23.96)	2.11	5.43	ENE (11:30)
5	SM ( 59.38)	4.88	9.80	SM ( 5:45)	SM ( 47.92)	3.16	6.74	SM ( 5:30)	SM ( 41.67)	1.84	4.37	SSM ( 2:30)
6	SM ( 37.50)	2.60	6.55	SM (12:45)	SM ( 27.08)	1.58	5.36	SSM (12:45)	SSM ( 19.79)	0.65	3.02	SSM (11:30)
7	ENE ( 14.58)	1.04	3.79	ENE (12:15)	N ( 7.29)	0.43	2.72	NE (12:15)	NNE ( 9.38)	0.31	2.04	NE (12:15)
8	SM ( 43.75)	3.00	5.01	SM (16:45)	SSM ( 62.50)	1.90	4.13	SSM (16:45)	SSM ( 57.29)	1.15	3.05	SSM (16:00)
9	NNM ( 27.08)	0.81	2.77	NNM (18:30)	NNM ( 13.54)	0.41	2.02	NNE (15:30)	NNE ( 2.08)	0.05	0.72	NNE (14:00)
10	NNM ( 20.83)	1.24	3.07	NNM (21:30)	NM ( 16.67)	0.70	2.68	NE (13:30)	NNE ( 3.13)	0.09	1.23	NNE (11:15)
11	SM ( 15.63)	0.83	4.27	SSM (13:00)	SSM ( 8.33)	0.40	3.57	SSM (13:00)	SM ( 6.25)	0.16	1.84	SSM (14:00)
12	SM ( 25.00)	4.42	9.22	MSM (12:15)	SM ( 42.71)	2.82	6.50	SM (12:15)	SM ( 40.63)	0.84	2.68	SM ( 5:30)
13	SM ( 23.96)	1.98	5.63	SM ( 7:00)	SSM ( 13.54)	0.88	3.54	SM ( 7:00)	SSE ( 1.04)	0.05	0.33	S ( 9:00)
14	S ( 16.67)	0.86	2.36	SM (16:45)	SSE ( 6.25)	0.21	1.84	SM (23:00)	N ( 1.04)	0.02	0.28	N ( 2:00)
15	SSM ( 25.00)	1.51	6.86	SM (12:15)	SSM ( 17.71)	0.66	4.90	SSM (12:15)	SSM ( 7.29)	0.09	1.46	SSM (12:15)
16	SM ( 58.33)	4.95	10.74	SM (17:15)	SM ( 41.67)	3.23	7.13	SM (17:15)	SM ( 29.17)	0.92	3.95	SM (10:15)
17	SM ( 43.75)	3.32	7.98	SM ( 5:30)	SSM ( 22.92)	2.00	5.68	N ( 7:15)	SM ( 18.75)	0.36	2.46	SM ( 7:00)
18	SM ( 63.54)	4.15	7.70	SM (12:45)	SM ( 50.00)	2.65	5.91	SM (12:45)	SM ( 33.33)	0.41	2.01	SM (20:15)
19	SM ( 59.38)	4.87	9.47	MSM (13:00)	SSM ( 37.50)	3.11	7.25	SM (13:00)	SSM ( 25.00)	0.47	2.14	SM (10:00)
20	SM ( 48.96)	3.87	8.93	SM ( 9:45)	SM ( 44.79)	2.30	6.84	SM ( 9:45)	SSM ( 15.63)	0.22	1.86	SM ( 9:45)
21	SM ( 16.67)	0.90	3.42	SM ( 2:30)	SM ( 9.38)	0.22	2.12	SM (21:00)	SSM ( 1.04)	0.04	0.37	SSM (12:45)
22	N ( 27.08)	1.32	3.50	NNM (20:15)	NM ( 12.50)	0.86	3.16	NNE (13:00)	NNM ( 15.63)	0.37	1.85	NNE (13:15)
23	SM ( 14.58)	1.17	3.57	SM (22:00)	SM ( 13.54)	0.67	2.75	SM (22:00)	NNM ( 7.29)	0.26	1.38	NNM (14:15)
24	SM ( 23.96)	1.01	3.52	SM (16:00)	SM ( 14.58)	0.51	2.92	SSM (15:45)	SSM ( 8.33)	0.26	1.74	SSM (15:45)
25	SM ( 22.92)	1.46	4.42	N (13:15)	SSM ( 20.83)	0.93	4.23	NE (14:30)	SSM ( 15.63)	0.40	2.97	SSM ( 8:30)
26	SM ( 26.04)	1.84	3.78	MSM (15:45)	SSM ( 15.63)	1.11	3.58	SSM ( 8:30)	NNM ( 9.38)	0.39	1.84	SSM (13:45)
27	SM ( 29.17)	2.03	5.21	SSM (10:45)	SM ( 20.83)	1.15	4.06	SSM (10:45)	SSM ( 11.46)	0.20	3.05	SSM ( 9:45)
28	NNM ( 17.71)	1.15	4.35	NNM (21:00)	NNM ( 13.54)	0.61	3.00	NNM (21:00)	NNM ( 7.29)	0.20	1.13	S (13:30)
29	NNM ( 28.13)	1.26	4.08	NNM ( 0:30)	NNM ( 20.83)	0.72	2.76	NM (20:00)	N ( 8.33)	0.20	1.54	N (15:00)
30	NNM ( 33.33)	1.58	6.08	NNM (20:15)	NNM ( 22.92)	0.89	4.07	NNM (20:30)	N ( 6.25)	0.16	1.36	N (14:15)
31	N ( 34.38)	2.06	5.25	NNM (19:15)	N ( 17.71)	1.16	4.77	NE (15:30)	NE ( 4.17)	0.12	3.36	NE (15:30)
월	SM ( 22.45)	2.24	10.74	SM ( 7/16)	SM ( 15.09)	1.33	7.82	E ( 7/ 4)	SSM ( 9.88)	0.47	5.43	ENE ( 7/ 4)

표 4. 계속 (Continued: 2004년 8월)

높이	67 m				27 m				10 m			
	일	최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)			
			평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		
1	N ( 65.63)	3.12	4.74	N (21:30)	N ( 37.50)	2.11	4.20	NNE (13:15)	N ( 9.38)	0.11	1.26	NNE (13:15)
2	N ( 31.25)	2.04	5.86	NNM (21:30)	NNM ( 25.00)	1.13	4.22	NNM (21:30)	N ( 4.17)	0.11	2.43	N (21:30)
3	SE ( 13.54)	0.81	2.68	NE (11:30)	SE ( 15.63)	0.47	2.76	NE (11:30)	SSE ( 6.25)	0.10	1.06	SSE ( 8:45)
4	SE ( 9.38)	0.99	4.91	SM (16:30)	NNM ( 9.38)	0.56	3.98	SM (16:30)	NM ( 3.13)	0.12	2.25	SM (16:30)
5	SM ( 10.42)	1.11	6.38	W (19:00)	SE ( 8.33)	0.69	4.76	SM (18:45)	SM ( 7.29)	0.22	2.52	SM (18:45)
6	MSM ( 22.92)	1.13	3.25	NM (20:30)	MSM ( 12.50)	0.59	2.65	NNE (15:00)	N ( 2.08)	0.08	2.06	NNE (15:00)
7	N ( 17.71)	1.04	3.52	NNM (18:15)	W ( 19.79)	0.59	2.58	NNM (18:15)	S ( 4.17)	0.11	1.05	MSM (10:15)
8	N ( 22.92)	1.22	3.77	W (19:00)	W ( 19.79)	0.74	2.87	NM (14:00)	N ( 4.17)	0.10	1.21	W (13:45)
9	NNM ( 31.15)	1.53	3.51	NNM (17:30)	NM ( 27.87)	0.81	2.37	NM (17:30)	NNM ( 1.64)	0.04	0.23	NNM (12:45)
10	N ( 12.50)	1.39	5.59	SM (16:45)	ENE ( 11.46)	0.88	5.34	SSM (16:45)	SM ( 2.08)	0.08	2.67	SSM (16:45)
11	ENE ( 23.40)	1.47	3.44	ENE (13:15)	ENE ( 11.70)	0.74	2.96	NE (13:15)	NNE ( 1.06)	0.05	0.73	ENE (15:30)
12	NNM ( 14.58)	0.83	3.30	NM (20:00)	NM ( 7.29)	0.32	1.75	NM (17:45)	SSM ( 1.04)	0.03	0.34	NNM (16:45)
13	N ( 25.00)	1.78	5.03	NNM (19:00)	NNM ( 16.67)	0.99	3.65	NNM (19:00)	SM ( 4.17)	0.10	0.92	N (11:45)
14	NNE ( 12.50)	1.05	5.21	NM (14:00)	NNE ( 14.58)	0.58	4.44	NNM (14:00)	NNE ( 5.21)	0.19	1.81	NM (14:00)
15	SM ( 23.96)	1.24	3.47	N ( 0:15)	SM ( 16.67)	0.57	3.36	N ( 0:15)	N ( 3.13)	0.12	1.82	N ( 0:15)
16	SSE ( 17.71)	1.13	4.79	SE (12:30)	SE ( 13.54)	0.72	4.39	ESE (12:30)	SSM ( 2.08)	0.04	0.81	SSM (10:00)
17	SM ( 21.88)	1.26	7.18	NM (14:15)	SSM ( 11.46)	0.73	5.62	NM (14:15)	NNM ( 2.08)	0.12	3.28	NNM (14:15)
18	ESE ( 14.58)	0.98	4.54	ESE (14:15)	E ( 7.29)	0.55	3.29	E (14:15)	E ( 7.29)	0.25	1.93	NE (18:00)
19	N ( 38.54)	3.19	7.72	N ( 9:45)	N ( 28.13)	2.32	6.78	NNM ( 9:45)	N ( 40.63)	1.18	4.46	N ( 9:45)
20	E ( 53.13)	1.73	3.80	E (17:15)	E ( 41.67)	1.20	3.35	E (11:15)	ENE ( 9.38)	0.12	1.04	ENE (13:45)
21	E ( 30.21)	0.84	3.50	E (14:45)	E ( 20.83)	0.50	3.02	E (14:45)	ENE ( 6.25)	0.08	1.42	ENE (14:45)
22	E ( 45.63)	2.53	5.60	ESE (22:45)	E ( 41.67)	2.12	4.21	ESE (22:30)	ENE ( 20.83)	0.52	2.83	ENE (15:45)
23	E ( 30.21)	1.56	3.69	E ( 0:45)	E ( 17.71)	0.97	2.90	ENE (13:45)	NNE ( 1.04)	0.03	0.37	NNE (16:30)
24	ENE ( 17.71)	0.59	1.99	NNE (20:00)	NM ( 9.38)	0.39	1.86	NE (11:45)	NNM ( 1.04)	0.02	0.26	NNM (17:45)
25	E ( 18.75)	0.72	3.63	E (14:00)	E ( 11.46)	0.51	3.26	E (14:00)	ENE ( 1.04)	0.03	0.32	NM ( 2:15)
26	NE ( 15.63)	1.12	3.42	NE (23:45)	NNE ( 12.50)	0.68	3.17	NNE (23:30)	ENE ( 9.38)	0.34	1.63	ENE (19:00)
27	ESE ( 32.29)	2.29	5.52	ESE (13:45)	E ( 30.21)	1.68	4.80	E (13:45)	E ( 16.67)	0.33	2.59	ENE (12:45)
28	E ( 62.50)	3.92	5.83	ESE (10:00)	E ( 64.58)	3.01	5.40	ESE (10:00)	ENE ( 37.50)	0.72	2.39	E ( 8:15)
29	E ( 46.88)	1.69	4.94	E ( 0:15)	ENE ( 19.79)	0.94	3.77	E ( 0:15)	ENE ( 10.42)	0.18	2.16	ENE ( 8:30)
30	N ( 32.29)	2.80	4.55	NM (22:00)	N ( 32.29)	1.86	3.90	N ( 9:15)	N ( 19.79)	0.51	2.65	N ( 9:15)
31	SM ( 30.21)	2.56	6.63	MSM (18:15)	SM ( 23.96)	1.73	4.67	SM (17:15)	SM ( 12.50)	0.44	2.47	MSM (18:30)
월	E ( 12.83)	1.60	7.72	N ( 8/19)	E ( 9.56)	1.02	6.78	NNM ( 8/19)	ENE ( 3.74)	0.21	4.46	N ( 8/19)

표 4. 계속 (Continued: 2004년 9월)

높이	67 m				27 m				10 m			
	일	최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)			
			평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		
1	SM ( 31.25)	1.62	5.23	N (15:15)	SSM ( 16.67)	1.05	4.27	N (15:15)	SSM ( 12.50)	0.38	1.92	SSM (10:45)
2	MSM ( 19.79)	1.62	4.77	NNM (20:00)	SM ( 13.54)	1.01	3.10	N (20:00)	MSM ( 8.33)	0.28	1.40	MSM (11:00)
3	N ( 10.42)	0.62	2.65	NNM (18:30)	SM ( 7.29)	0.40	2.43	SM ( 5:45)	N ( 3.13)	0.07	0.68	N (15:45)
4	NNE ( 11.46)	0.59	2.47	MSM ( 5:00)	SM ( 10.42)	0.52	2.06	SM ( 4:15)	ENE ( 5.21)	0.13	0.90	ENE (15:45)
5	E ( 31.25)	2.51	5.86	ESE (13:30)	ESE ( 20.83)	1.69	4.55	ESE (13:30)	ENE ( 16.67)	0.62	2.33	E (15:00)
6	E ( 42.71)	3.76	7.74	E (11:15)	E ( 43.75)	3.07	6.32	E (11:15)	ENE ( 39.58)	1.51	3.84	ENE (11:15)
7	N ( 30.21)	4.40	8.17	NNM (11:30)	NNM ( 22.92)	3.17	6.61	NNM ( 9:30)	N ( 34.38)	1.51	4.13	N ( 9:30)
8	MSM ( 17.71)	1.17	4.02	SSM ( 1:45)	MSM ( 15.63)	0.85	2.59	NNE (12:45)	NNE ( 8.33)	0.24	1.92	NNE (12:45)
9	N ( 1.04)	0.07	1.08	N ( 4:30)	SM ( 2.08)	0.13	2.12	SM ( 7:00)	NM ( 3.13)	0.03	0.37	MSM ( 7:00)
10	E ( 13.54)	0.64	4.22	E (23:00)	ENE ( 8.33)	0.57	3.13	NNM (14:15)	N ( 9.38)	0.17	1.53	ENE (23:00)
11	E ( 25.00)	3.35	7.70	ESE (20:15)	ENE ( 31.25)	2.96	6.37	E (20:15)	ENE ( 28.13)	1.53	4.00	ENE (13:15)
12	ESE ( 33.33)	3.29	7.08	E ( 2:15)	E ( 32.29)	2.21	5.90	E ( 1:15)	E ( 29.17)	0.85	3.48	ENE ( 1:15)
13	SM ( 14.58)	1.01	4.33	SM ( 1:00)	SM ( 8.33)	0.41	3.25	NM (16:15)	SSM ( 5.21)	0.13	1.47	NNM (16:15)
14	ESE ( 31.25)	2.34	5.59	ESE (16:15)	E ( 42.71)	1.93	5.09	E (16:15)	E ( 25.00)	0.92	3.27	ENE (13:00)
15	E ( 37.50)	3.97	5.91	SE (14:45)	E ( 41.67)	2.89	4.95	SE (14:45)	ENE ( 32.29)	1.18	3.00	ENE ( 9:00)
16	E ( 23.96)	1.05	3.90	SM (12:45)	SSM ( 16.67)	0.50	2.82	SM (12:45)	SSM ( 15.63)	0.23	1.74	SM (12:45)
17	SM ( 31.25)	1.34	6.38	SM (16:45)	SSM ( 21.88)	0.91	4.84	SM (16:45)	SSM ( 23.96)	0.47	3.16	SSM (16:00)
18	N ( 26.04)	1.25	7.51	NM (13:45)	N ( 15.63)	0.74	5.62	NM (13:45)	NNM ( 9.38)	0.22	3.38	NNM (13:45)
19	N ( 13.54)	0.73	3.48	N ( 0:30)	SM ( 9.38)	0.39	2.69	SM ( 0:45)	SM ( 6.25)	0.14	1.05	N (12:45)
20	N ( 25.00)	1.65	6.65	NNE (18:15)	NNM ( 18.75)	1.53	5.42	NNE (18:15)	N ( 22.92)	0.81	3.82	NNE (18:15)
21	NNM ( 12.50)	0.68	4.03	SM (14:30)	MSM ( 10.42)	0.38	2.67	SSM (14:30)	SM ( 11.46)	0.23	1.86	SSM (14:30)
22	NNE ( 3.13)	0.09	1.19	NE (14:15)	ENE ( 5.21)	0.18	1.97	N ( 7:15)	NE ( 8.33)	0.17	1.05	NE (14:15)
23	E ( 12.50)	0.27	2.52	E (15:30)	E ( 6.25)	0.26	1.93	NE (13:45)	E ( 6.25)	0.24	1.55	E (15:15)
24	N ( 11.46)	0.70	3.27	N (18:30)	NNM ( 4.17)	0.19	1.62	NNM (18:30)	NNM ( 10.42)	0.31	1.72	N (15:00)
25	E ( 38.54)	2.52	6.19	E (12:45)	E ( 27.08)	1.09	4.41	ESE (12:30)	ENE ( 28.13)	0.82	2.96	ENE (16:15)
26	E ( 31.25)	1.48	4.50	ESE ( 7:00)	E ( 20.83)	0.87	3.40	E ( 0:15)	ENE ( 16.67)	0.36	1.85	ENE (15:15)
27	N ( 17.71)	1.03	4.29	N (20:45)	NNM ( 11.46)	0.59	3.27	NNM (20:45)	N ( 10.42)	0.28	1.07	ENE (14:15)
28	E ( 30.21)	2.02	5.84	ENE (14:30)	ENE ( 23.96)	1.40	4.83	ENE (15:15)	ENE ( 30.21)	1.03	3.50	NE (14:30)
29	N ( 26.04)	2.62	4.41	N (14:30)	N ( 18.75)	1.47	3.85	N (13:15)	N ( 20.83)	1.06	2.67	N (14:15)
30	E ( 11.46)	0.62	3.14	SM (23:15)	ENE ( 6.25)	0.31	3.02	MSM (23:15)	ENE ( 8.33)	0.22	1.56	SM (23:30)
월	E ( 12.29)	1.65	8.17	NNM ( 9/ 7)	E ( 10.21)	1.12	6.61	NNM ( 9/ 7)	ENE ( 9.20)	0.54	4.13	N ( 9/ 7)

표 4. 계속 (Continued: 2004년 10월)

높이	67 m				27 m				10 m			
	최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)				
		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)			
1	SM ( 29.17)	2.09	7.22	MSM (14:15)	SM ( 26.04)	1.36	4.90	MSM (14:15)	SM ( 14.58)	0.63	2.75	SM (15:00)
2	NNM ( 29.17)	1.68	5.31	NNM (11:30)	N ( 14.58)	1.25	4.06	NNM (11:15)	N ( 17.71)	0.52	2.75	N (11:30)
3	N ( 29.17)	1.35	4.49	N (20:15)	NNM ( 23.96)	0.96	3.28	NNM (20:00)	N ( 20.83)	0.30	1.59	N (13:15)
4	N ( 28.13)	1.30	3.77	N (21:00)	N ( 18.75)	1.00	3.13	NNM (21:00)	N ( 12.50)	0.28	1.46	ENE (13:00)
5	NNM ( 20.83)	0.80	3.12	NNM (19:45)	NM ( 14.58)	0.50	2.38	NE (14:45)	N ( 4.17)	0.14	1.34	NNE (14:45)
6	N ( 8.33)	0.47	2.12	N (13:45)	SM ( 16.67)	0.49	2.73	SM ( 1:15)	NM ( 5.21)	0.12	0.83	MSM ( 8:00)
7	SM ( 5.21)	0.14	1.53	SM ( 1:15)	SSM ( 1.04)	0.04	1.05	SSM (21:15)	SSE ( 1.04)	0.02	0.31	SSE (11:15)
8	ESE ( 12.50)	0.97	3.45	ESE (14:45)	E ( 8.33)	0.76	2.94	ESE (15:00)	NE ( 9.38)	0.27	1.93	NE (14:00)
9	N ( 39.58)	1.62	4.10	NNE (19:30)	NNE ( 16.67)	1.04	3.19	NNE (16:30)	N ( 22.92)	0.34	2.15	NNE (16:30)
10	N ( 57.29)	2.37	3.94	NNM (20:30)	NNE ( 33.33)	1.31	3.28	NNE (14:30)	NNE ( 19.79)	0.55	2.33	N (14:30)
11	MSM ( 25.00)	0.96	3.47	MSM (15:00)	MSM ( 19.79)	0.55	2.93	MSM (15:00)	MSM ( 6.25)	0.09	1.04	MSM (15:00)
12	NM ( 20.83)	2.29	6.79	NNM (16:30)	N ( 17.71)	1.49	5.26	NM (13:45)	NM ( 11.46)	0.62	3.05	NNM (13:00)
13	SM ( 25.00)	1.99	6.30	NNM (23:45)	MSM ( 14.58)	1.11	4.68	NNM (23:45)	N ( 7.29)	0.32	2.44	NNM (23:45)
14	NNM ( 20.83)	2.79	4.85	NNM (11:45)	N ( 21.88)	1.83	4.32	N (13:15)	NNM ( 16.67)	0.68	2.90	NE (10:00)
15	NNM ( 26.04)	1.62	4.88	NNM (20:15)	NM ( 17.71)	0.81	3.07	NNM (20:15)	NNM ( 8.33)	0.19	1.39	NNE (13:30)
16	ESE ( 18.75)	2.08	6.92	ESE (18:00)	E ( 19.79)	1.21	5.35	E (18:00)	ENE ( 13.54)	0.51	2.69	E (18:00)
17	ESE ( 45.83)	4.11	7.41	ESE (10:45)	E ( 32.29)	2.69	5.73	ESE (10:45)	ESE ( 20.83)	0.93	2.71	E (12:15)
18	ESE ( 21.88)	1.22	4.37	E ( 0:30)	E ( 14.58)	0.35	2.87	E ( 0:30)	ENE ( 4.17)	0.06	0.86	ENE (14:30)
19	ENE ( 27.08)	1.19	2.66	SE (16:15)	NE ( 7.29)	0.36	1.92	SE (16:15)	NNE ( 4.17)	0.10	0.77	NNE (14:00)
20	N ( 45.83)	3.16	7.45	ENE (13:45)	N ( 27.08)	1.91	6.36	NE (14:00)	N ( 21.88)	1.06	4.62	NE (13:45)
21	N ( 20.83)	2.23	5.67	NNM (17:45)	N ( 18.75)	1.16	4.06	NNM (17:45)	N ( 12.50)	0.36	1.69	NNM (17:45)
22	NNM ( 38.54)	2.94	6.36	NNM (13:00)	NM ( 20.83)	1.75	5.12	NM (13:00)	NNM ( 15.63)	0.68	3.11	NNM (13:00)
23	ENE ( 15.63)	1.48	4.21	N (18:30)	NNM ( 14.58)	0.65	3.63	NNM (18:00)	NNM ( 8.33)	0.15	1.31	NE (13:00)
24	SM ( 18.75)	1.48	5.76	NNM (20:00)	SM ( 10.42)	0.70	3.67	NNM (19:45)	N ( 5.21)	0.13	1.55	N (19:45)
25	N ( 40.63)	1.32	4.64	NNM (23:30)	N ( 21.88)	0.51	3.07	NNM (23:30)	N ( 11.46)	0.12	1.26	N (23:30)
26	NNM ( 51.04)	2.90	5.18	NM (18:30)	NM ( 20.83)	1.63	4.11	NM (12:45)	NNM ( 20.83)	0.73	2.46	NNM (10:30)
27	E ( 12.50)	0.93	3.26	NNM (17:45)	SM ( 9.38)	0.40	2.59	SM (13:15)	NM ( 3.13)	0.09	1.41	SM (13:15)
28	SM ( 18.75)	1.02	2.50	N (16:45)	SM ( 12.50)	0.31	2.23	SM ( 7:00)	SM ( 3.13)	0.05	0.75	SM ( 7:45)
29	NNM ( 25.00)	1.52	5.43	NNM (19:30)	NNM ( 14.58)	0.67	3.42	NNM (19:30)	N ( 8.33)	0.21	1.47	N (20:15)
30	N ( 17.71)	1.19	4.36	N (20:15)	NM ( 13.54)	0.51	2.63	NNM (19:30)	NNM ( 5.21)	0.10	0.94	NNM (15:45)
31	ENE ( 18.75)	0.78	2.40	N (17:30)	NE ( 7.29)	0.20	1.85	NM (17:30)	NNE ( 2.08)	0.03	0.70	NNE (13:00)
월	N ( 12.77)	1.68	7.45	ENE (10/20)	NNM ( 6.82)	0.95	6.36	NE (10/20)	N ( 6.15)	0.34	4.62	NE (10/20)

표 4. 계속 (Continued: 2004년 11월)

높이	67 m				27 m				10 m			
	일	최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	
			평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		
1	SM ( 19.79)	1.39	4.85	MSM (16:15)	SM ( 13.54)	0.48	3.32	MSM (16:15)	SM ( 3.13)	0.10	0.97	NNM (23:00)
2	N ( 35.42)	2.38	5.71	NM (15:00)	MSM ( 27.08)	1.23	4.22	NNM (15:00)	NNM ( 13.54)	0.34	2.31	NM (15:00)
3	N ( 26.04)	1.59	4.29	N ( 7:00)	MSM ( 21.88)	0.73	3.45	MSM ( 7:00)	MSM ( 8.33)	0.17	1.25	MSM ( 7:00)
4	SM ( 17.71)	1.08	3.06	NNM (12:30)	SM ( 15.63)	0.55	2.71	NM (12:30)	N ( 7.29)	0.20	1.73	N (15:15)
5	SM ( 31.25)	1.43	5.72	MSM (16:30)	SM ( 25.00)	0.60	3.99	SM (16:30)	SM ( 9.38)	0.17	1.73	MSM (16:30)
6	N ( 35.42)	2.52	5.30	NNM ( 1:00)	NNM ( 31.25)	1.50	4.01	NNM (19:15)	N ( 18.75)	0.51	1.90	NM ( 3:00)
7	NNM ( 13.54)	1.05	3.54	NNM (17:30)	SM ( 9.38)	0.44	2.74	NM (17:30)	NNM ( 7.29)	0.07	0.59	NNM (17:45)
8	SM ( 29.17)	0.94	2.57	SM ( 5:00)	SM ( 13.54)	0.35	2.35	SM ( 5:00)	SSM ( 5.21)	0.08	0.71	SSM (13:00)
9	E ( 17.71)	1.04	3.36	E (22:30)	ESE ( 7.29)	0.34	2.24	E (16:15)	E ( 7.29)	0.09	1.00	ENE (16:30)
10	E ( 43.75)	2.42	4.53	ESE (11:00)	E ( 32.29)	0.90	3.58	E (10:45)	ENE ( 11.46)	0.18	2.14	ENE (10:15)
11	SM ( 31.25)	3.03	5.99	SSM ( 2:15)	SM ( 29.17)	1.58	4.46	SSM ( 2:15)	SM ( 20.83)	0.58	2.97	SSM ( 2:15)
12	NM ( 26.04)	3.52	6.97	NNM ( 8:45)	NM ( 23.96)	2.29	5.55	NNM (13:45)	NM ( 16.67)	1.10	3.76	NNM (13:45)
13	NNM ( 15.63)	0.74	2.90	NNM (23:45)	NNM ( 8.33)	0.31	2.47	SM ( 1:00)	NNM ( 5.21)	0.08	1.13	MSM ( 1:00)
14	NNM ( 28.13)	1.56	4.14	NNM (19:15)	NNM ( 13.54)	0.64	2.97	N (14:00)	NNM ( 8.33)	0.21	2.01	N (14:00)
15	SM (100.00)	3.27	7.52	NNM (12:00)	N ( - )	2.24	5.77	NM (12:00)	N ( - )	1.10	3.91	N (13:00)
16	- ( - )	1.59	3.91	- (16:00)	- ( - )	0.66	2.95	- (16:00)	- ( - )	0.16	1.16	- (16:00)
17	SM ( 37.68)	1.26	2.60	MSM ( 1:15)	SM ( 21.74)	0.29	2.22	SM ( 1:30)	MSM ( 1.45)	0.02	0.26	MSM (20:00)
18	MSM ( 15.63)	0.94	3.00	NNE (14:45)	SM ( 13.54)	0.41	2.80	NNE (14:45)	N ( 3.13)	0.12	1.59	NNE (14:45)
19	N ( 23.96)	1.24	3.62	N (20:15)	NM ( 11.46)	0.60	2.41	NNM (18:45)	NNM ( 11.46)	0.09	0.76	NNE (15:00)
20	MSM ( 23.96)	2.03	5.09	N (19:30)	N ( 23.96)	1.25	3.52	MSM (19:30)	NNM ( 19.79)	0.39	1.55	N (14:30)
21	N ( 23.96)	1.17	3.14	N (18:45)	NM ( 15.63)	0.74	2.79	S (13:30)	NM ( 5.21)	0.16	1.89	S (13:30)
22	SE ( 12.50)	0.79	2.04	SM ( 7:00)	E ( 7.29)	0.28	1.83	SE (15:30)	E ( 2.08)	0.07	0.63	ENE (13:00)
23	NNE ( 14.29)	0.90	2.75	N (14:00)	NNE ( 9.89)	0.42	2.67	NNE (13:45)	N ( 6.59)	0.15	1.93	NNE (13:45)
24	N ( 16.67)	1.08	4.23	N (16:30)	NNM ( 10.71)	0.42	3.05	NNM (16:30)	N ( 5.95)	0.13	1.35	N (16:00)
25	E ( 23.16)	0.70	2.31	E (11:45)	SM ( 8.42)	0.26	2.25	SM (23:15)	MSM ( 4.21)	0.07	0.71	ESE (11:45)
26	N ( 57.29)	4.72	10.52	N (14:00)	MSM ( 55.21)	3.41	7.90	MSM (12:30)	N ( 42.71)	1.58	4.40	MSM (12:15)
27	N ( 42.71)	2.97	5.00	N ( 6:30)	MSM ( 53.13)	1.94	3.60	MSM ( 3:15)	MSM ( 27.08)	0.52	1.67	NNM (15:15)
28	MSM ( 23.96)	2.14	4.42	N (19:45)	SM ( 23.96)	1.43	3.24	NNM (19:45)	NNM ( 19.79)	0.38	1.78	SM ( 8:15)
29	N ( 22.92)	1.60	3.53	NNE (14:00)	N ( 12.50)	0.88	3.50	NNE (14:00)	N ( 12.50)	0.31	2.41	NNE (14:15)
30	MSM ( 18.75)	1.05	2.81	NNM (19:15)	SM ( 15.63)	0.57	2.72	SM ( 2:00)	NNE ( 4.17)	0.11	1.28	NNE (11:30)
월	MSM ( 13.69)	1.75	10.52	N (11/26)	SM ( 10.02)	0.93	7.90	MSM (11/26)	NNM ( 4.08)	0.31	4.40	MSM (11/26)



표 4. 계속 (Continued: 2004년 12월)

높이	67 m				27 m				10 m			
	일	최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)		최다풍향(%)	풍속 (m/sec)			
			평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		평균	최대: 풍향(시:분)		
1	N ( 13.54)	1.07	3.02	N (14:30)	N ( 7.29)	0.50	2.52	NNM (15:00)	NNM ( 8.33)	0.17	1.35	N (15:00)
2	SE ( 16.67)	1.60	4.39	ESE (17:15)	E ( 16.67)	0.82	3.53	E (16:15)	E ( 14.58)	0.25	1.73	ENE (15:30)
3	MSM ( 26.04)	0.93	2.51	MSM ( 8:30)	SM ( 14.58)	0.51	2.84	SM ( 7:15)	SSM ( 3.13)	0.08	0.82	MSM ( 7:15)
4	MSM ( 25.00)	2.03	7.15	NNM (18:00)	SM ( 22.92)	1.18	5.64	NNM (23:15)	SM ( 10.42)	0.47	3.61	NM (23:15)
5	NM ( 40.63)	3.63	6.94	NM ( 3:45)	NNM ( 39.58)	2.56	5.82	N ( 3:45)	NNM ( 29.17)	1.23	3.40	NNM ( 4:00)
6	MSM ( 26.04)	2.23	5.56	SM (22:00)	SSM ( 21.88)	1.49	4.60	SSM (22:00)	SSM ( 22.92)	0.64	3.22	SSM (22:00)
7	NNM ( 22.92)	2.08	4.87	NNM ( 0:45)	MSM ( 17.71)	1.22	3.69	NNM (13:00)	MSM ( 12.50)	0.41	2.37	N (13:00)
8	MSM ( 48.96)	1.32	3.42	MSM ( 7:30)	SM ( 22.92)	0.60	3.18	SM ( 7:15)	SSM ( 6.25)	0.14	1.72	MSM ( 7:00)
9	MSM ( 40.63)	1.19	3.61	N (17:00)	SM ( 30.21)	0.63	2.51	SM ( 9:00)	SM ( 7.29)	0.15	1.43	SM ( 9:30)
10	NNM ( 33.33)	2.41	6.82	NNM (14:45)	NM ( 20.83)	1.32	4.67	NM (14:45)	NNM ( 18.75)	0.60	2.92	NM (12:45)
11	ENE ( 16.67)	1.30	3.43	N (17:00)	NM ( 8.33)	0.68	2.97	NM (16:30)	E ( 6.25)	0.20	1.52	ENE (11:45)
12	NM ( 20.83)	1.77	4.73	NNM (14:30)	SM ( 19.79)	1.17	3.70	NM (14:30)	NNM ( 7.29)	0.36	2.21	NNM (14:30)
13	N ( 41.67)	2.03	4.61	N ( 3:00)	NNM ( 28.13)	1.32	3.31	NNE (14:00)	N ( 14.58)	0.45	2.31	NNE (14:00)
14	MSM ( 9.38)	0.62	2.15	MSM ( 5:00)	SM ( 8.33)	0.29	2.07	NNM (17:15)	N ( 2.08)	0.04	0.46	N (15:45)
15	MSM ( 23.96)	1.09	4.75	N (23:45)	SM ( 15.63)	0.59	3.43	NM (23:45)	SM ( 10.42)	0.17	1.91	N (23:15)
16	N ( 46.88)	2.17	5.06	N ( 2:30)	NNM ( 21.88)	1.24	3.31	NM (18:15)	NNE ( 14.58)	0.41	1.89	NE (14:00)
17	N ( 33.33)	1.46	5.12	N (18:00)	N ( 19.79)	0.72	3.34	NNM (18:45)	N ( 13.54)	0.20	1.92	N (18:45)
18	N ( 42.71)	1.63	4.21	N (19:30)	NNM ( 16.67)	0.75	3.07	NNM (19:30)	NNM ( 14.58)	0.26	1.60	NNM (14:15)
19	SM ( 13.54)	1.00	2.73	N (17:30)	SM ( 17.71)	0.39	2.50	SM ( 8:30)	SM ( 6.25)	0.10	1.33	SM ( 8:30)
20	NNM ( 41.67)	2.85	5.57	NNM (13:45)	NM ( 27.08)	1.77	4.52	NM (13:45)	NNM ( 26.04)	0.86	2.70	NNM (13:45)
21	N ( 47.92)	1.97	5.05	N (18:15)	NM ( 21.88)	1.25	3.82	NM ( 4:00)	NNM ( 20.83)	0.40	1.72	N (21:30)
22	N ( 44.79)	1.77	4.59	N (20:00)	NM ( 18.75)	1.12	3.03	NNE (11:45)	N ( 17.71)	0.39	2.15	NNE (11:45)
23	N ( 32.29)	1.59	4.23	N (20:00)	NNM ( 13.54)	0.88	3.20	NM (19:45)	N ( 12.50)	0.25	2.07	NNE (14:45)
24	N ( 12.50)	0.50	1.95	N (17:45)	SM ( 6.25)	0.18	1.23	NM (19:45)	SSE ( 1.04)	0.01	0.23	SSE (11:00)
25	N ( 32.29)	2.21	4.60	N (13:30)	MSM ( 33.33)	1.39	3.42	MSM (14:00)	N ( 13.54)	0.48	2.09	NNM (14:00)
26	N ( 41.67)	2.35	4.05	N (15:15)	NNM ( 26.04)	1.46	3.40	SM (14:15)	N ( 21.88)	0.53	2.02	MSM (14:15)
27	N ( 46.88)	1.86	3.38	NNM (14:00)	NNM ( 28.13)	1.09	3.01	NM (14:00)	NNM ( 20.83)	0.43	1.91	NNM (14:00)
28	N ( 43.75)	1.79	3.79	NNM (12:15)	NNM ( 21.88)	0.95	2.68	NNM (12:15)	N ( 18.75)	0.37	1.65	NE (10:45)
29	NNM ( 39.58)	2.02	4.16	N (19:00)	NNM ( 25.00)	1.15	3.14	NM (11:15)	NNM ( 27.08)	0.50	1.97	NNM (12:00)
30	N ( 30.21)	1.92	4.35	N (19:45)	NM ( 18.75)	1.33	3.37	NNE (12:45)	NNM ( 20.83)	0.51	2.01	NNE (12:00)
31	NNM ( 34.38)	2.39	5.42	NM (14:00)	NM ( 21.88)	1.46	4.06	NM (15:30)	NNM ( 20.83)	0.66	2.66	NNM (15:30)
월	N ( 20.53)	1.77	7.15	NNM (12/ 4)	NNM ( 11.12)	1.03	5.82	N (12/ 5)	NNM ( 10.08)	0.38	3.61	NM (12/ 4)

표 5. 기온의 월간 통계값 (Monthly statistics of temperature: 2004년 1월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	3.91	6.36 (15:30)	1.01 ( 8:45)	5.03	7.95 (14:00)	1.82 ( 8:30)	3.90	7.60 (14:00)	-0.26 ( 8:15)	3.33	8.41 (14:00)	-1.26 ( 8:15)
2	3.29	4.97 (13:45)	0.41 (24:00)	4.47	6.68 (13:45)	1.57 (24:00)	3.43	6.40 (13:45)	-0.03 (24:00)	3.28	7.63 (13:45)	-1.39 (24:00)
3	3.06	6.58 (16:15)	0.27 ( 0:15)	3.66	7.95 (16:00)	-0.65 ( 9:00)	2.21	7.44 (15:00)	-2.44 ( 7:00)	1.55	8.02 (15:00)	-3.30 ( 7:00)
4	1.56	5.13 (16:00)	-2.93 ( 9:15)	2.18	6.48 (16:00)	-2.47 ( 9:15)	0.66	6.04 (14:30)	-3.79 ( 7:30)	0.16	7.41 (13:15)	-4.68 ( 7:45)
5	1.29	6.22 (16:00)	-3.42 ( 9:15)	2.89	8.13 (16:15)	-2.21 ( 6:15)	0.40	7.05 (15:30)	-4.85 ( 8:30)	-0.26	7.66 (14:45)	-5.82 ( 8:00)
6	2.59	6.18 (15:00)	-1.19 ( 5:00)	3.41	7.96 (15:00)	-0.88 ( 6:00)	2.00	7.17 (15:00)	-2.65 ( 8:30)	1.74	8.06 (13:45)	-3.09 ( 6:45)
7	2.77	5.37 (16:00)	-1.32 (24:00)	4.04	7.10 (14:45)	-0.24 (24:00)	2.28	6.34 (13:00)	-1.49 (24:00)	1.96	7.37 (13:00)	-1.95 (22:00)
8	0.02	4.88 (16:15)	-4.51 ( 8:15)	0.96	6.42 (16:15)	-4.00 ( 8:15)	-0.46	5.83 (16:15)	-6.03 ( 7:30)	-0.87	6.57 (15:30)	-6.85 ( 8:00)
9	1.38	5.62 (15:30)	-2.11 ( 7:00)	2.19	7.09 (15:30)	-1.90 ( 4:45)	0.87	6.74 (15:30)	-3.39 ( 6:15)	0.67	7.87 (14:45)	-4.22 ( 3:45)
10	0.48	3.41 (14:00)	-2.92 (23:45)	1.60	4.99 (13:30)	-1.89 (23:45)	0.18	4.46 (14:15)	-3.37 (22:45)	0.06	5.73 (14:00)	-3.79 (23:30)
11	-0.54	4.99 (16:15)	-5.12 ( 8:45)	0.40	6.56 (16:00)	-4.63 ( 7:15)	-1.01	5.83 (15:45)	-6.47 ( 8:30)	-1.37	6.37 (15:00)	-7.25 ( 7:00)
12	-0.81	3.06 (15:30)	-4.06 (24:00)	0.47	5.21 (15:00)	-3.06 ( 8:30)	-1.15	3.81 (15:00)	-5.32 ( 7:00)	-1.19	4.47 (15:00)	-6.12 ( 7:00)
13	-4.18	-2.70 (15:45)	-5.09 ( 8:15)	-2.77	-1.35 (15:45)	-4.07 (23:30)	-4.16	-2.03 (14:00)	-5.67 (23:30)	-3.85	-0.50 (14:00)	-6.64 (24:00)
14	-5.24	-1.62 (16:45)	-9.24 ( 7:15)	-3.55	0.81 (15:30)	-8.03 ( 6:15)	-5.17	0.05 (15:30)	-10.45 ( 6:15)	-5.52	1.02 (15:15)	-11.18 ( 7:15)
15	-4.44	-1.14 (15:15)	-8.06 ( 9:00)	-1.68	2.64 (16:00)	-6.42 ( 5:30)	-3.32	1.77 (16:15)	-8.27 ( 8:00)	-3.64	2.62 (15:00)	-8.92 ( 8:00)
16	-2.59	1.35 (15:45)	-6.84 ( 6:15)	3.82	5.81 (16:00)	-1.93 ( 1:15)	0.03	5.00 (15:45)	-4.68 ( 5:15)	-0.26	5.19 (16:00)	-5.15 ( 5:30)
17	-2.11	0.71 ( 0:15)	-3.64 (24:00)	4.26	4.93 ( 1:00)	3.52 ( 2:00)	0.97	3.86 ( 0:15)	-0.94 (24:00)	0.92	3.68 ( 0:15)	-1.62 (24:00)
18	-3.62	-1.51 (13:30)	-4.92 ( 3:30)	1.52	3.31 (13:30)	0.37 (24:00)	-0.09	2.48 (13:30)	-1.94 ( 3:30)	-0.15	3.07 (13:00)	-2.04 ( 3:30)
19	-3.89	-2.27 (15:45)	-5.00 ( 5:15)	0.52	2.31 (15:30)	-0.56 ( 5:45)	-0.62	1.71 (15:30)	-1.91 (21:00)	-0.49	2.41 (14:30)	-2.96 (21:00)
20	-5.39	-3.13 (23:00)	-7.51 ( 8:30)	-1.40	0.57 (15:45)	-5.85 (24:00)	-2.59	0.05 (15:30)	-7.20 (24:00)	-2.53	1.38 (14:45)	-6.68 (24:00)
21	-12.15	-7.56 ( 0:15)	-14.75 (24:00)	-10.76	-6.08 ( 0:15)	-13.53 (23:45)	-12.21	-7.44 ( 0:15)	-15.60 (23:15)	-11.63	-6.96 ( 0:15)	-16.02 (23:15)
22	-11.76	-7.38 (16:30)	-15.66 ( 4:45)	-10.45	-5.94 (16:30)	-15.15 ( 4:30)	-12.05	-6.99 (16:30)	-17.19 ( 4:30)	-11.86	-5.62 (14:15)	-16.95 ( 5:45)
23	-7.78	-3.91 (15:45)	-11.02 ( 8:00)	-6.58	-2.32 (14:15)	-10.49 ( 7:00)	-8.16	-2.87 (14:15)	-12.43 ( 7:45)	-8.18	-1.44 (14:15)	-13.00 ( 7:15)
24	-6.92	-3.17 (15:45)	-10.65 ( 8:00)	-5.87	-1.54 (15:30)	-10.33 ( 8:00)	-7.38	-2.19 (15:30)	-12.49 ( 7:45)	-7.38	-1.51 (15:30)	-13.15 ( 8:00)
25	-6.85	-4.13 (16:15)	-9.15 ( 9:00)	-5.48	-2.51 (16:15)	-8.64 ( 7:15)	-6.91	-3.30 (16:15)	-10.81 ( 7:15)	-6.84	-2.83 (16:15)	-11.41 ( 7:15)
26	-5.02	-1.76 (14:45)	-7.97 ( 5:15)	-3.63	-0.13 (14:45)	-7.34 ( 7:45)	-4.97	-0.80 (14:45)	-9.30 ( 7:45)	-4.86	0.31 (13:30)	-10.31 ( 7:45)
27	-3.93	-0.61 (16:30)	-7.65 ( 8:00)	-2.75	0.98 (16:30)	-6.90 ( 7:00)	-4.22	0.09 (16:00)	-9.08 ( 7:00)	-4.38	0.89 (14:45)	-10.02 ( 7:45)
28	-1.43	3.09 (16:30)	-5.65 ( 3:30)	-0.07	4.87 (16:30)	-4.65 ( 2:45)	-1.37	4.32 (15:15)	-6.88 ( 2:45)	-1.49	5.65 (14:15)	-7.56 ( 2:45)
29	1.00	4.70 (16:15)	-2.16 ( 2:45)	2.50	6.50 (16:00)	-1.11 ( 2:15)	1.24	6.09 (16:00)	-3.28 ( 2:30)	0.99	6.88 (15:00)	-3.93 ( 2:30)
30	1.14	6.22 (16:15)	-2.74 ( 9:00)	2.34	8.00 (15:45)	-1.92 ( 8:30)	0.95	7.58 (15:15)	-3.96 ( 8:15)	0.66	8.78 (15:15)	-4.77 ( 8:15)
31	1.16	7.12 (15:30)	-4.64 ( 7:45)	2.28	8.94 (15:15)	-3.64 ( 8:15)	0.89	8.75 (15:15)	-5.49 ( 8:15)	0.46	9.41 (15:15)	-6.36 ( 7:45)
월	-2.10	7.12 ( 1/31)	-15.66 ( 1/22)	-0.46	8.94 ( 1/31)	-15.15 ( 1/22)	-1.80	8.75 ( 1/31)	-17.19 ( 1/22)	-1.97	9.41 ( 1/31)	-16.95 ( 1/22)

표 5. 계속 (Continued: 2004년 2월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	2.56	8.53 (14:45)	-2.27 ( 8:45)	3.69	10.37 (15:15)	-1.76 ( 8:45)	2.48	10.29 (15:15)	-4.11 ( 7:45)	2.24	11.55 (15:15)	-4.62 ( 8:00)
2	-0.74	2.09 ( 0:15)	-4.42 (24:00)	0.77	3.43 ( 0:30)	-2.95 (24:00)	-0.27	2.21 (15:00)	-4.18 (24:00)	-0.02	3.59 (14:45)	-4.09 (22:45)
3	-4.31	-1.42 (15:00)	-7.01 ( 8:30)	-2.83	0.39 (15:00)	-5.68 ( 8:30)	-4.07	0.06 (15:00)	-7.17 ( 8:15)	-4.00	1.43 (15:00)	-8.16 ( 8:00)
4	-2.67	0.75 (17:00)	-6.28 ( 6:30)	-1.25	2.36 (17:00)	-5.31 ( 7:00)	-2.48	-1.70 (14:15)	-7.22 ( 4:45)	-2.32	3.11 (14:15)	-7.85 ( 4:45)
5	-4.66	-1.22 ( 0:15)	-6.39 ( 8:15)	-3.18	0.21 ( 0:15)	-5.18 (24:00)	-4.35	-1.12 ( 0:15)	-7.20 (24:00)	-3.95	-0.73 (13:45)	-8.28 (24:00)
6	-4.67	-1.57 (16:15)	-8.49 ( 6:00)	-3.36	0.20 (16:15)	-7.66 ( 5:45)	-4.73	-0.60 (14:30)	-9.51 ( 4:00)	-4.54	0.60 (14:45)	-10.47 ( 4:15)
7	-3.85	-1.07 (15:30)	-6.30 ( 8:15)	-2.35	0.62 (15:30)	-4.93 ( 8:15)	-3.48	0.12 (15:30)	-6.31 ( 8:15)	-3.16	1.17 (15:30)	-6.44 ( 7:30)
8	0.74	5.69 (15:15)	-4.57 ( 1:45)	2.16	7.57 (15:15)	-3.36 ( 0:45)	1.02	7.08 (15:15)	-5.13 ( 0:45)	0.69	7.65 (15:15)	-5.96 ( 2:15)
9	-2.50	0.95 (16:30)	-5.87 ( 8:00)	-1.17	2.62 (16:45)	-5.29 ( 8:00)	-2.43	1.75 (16:00)	-7.27 ( 8:00)	-2.55	2.79 (15:00)	-7.93 ( 8:00)
10	-1.61	3.41 (16:45)	-7.34 ( 8:15)	-0.47	5.08 (16:45)	-6.42 ( 8:15)	-1.89	4.29 (16:30)	-8.41 ( 7:45)	-2.20	4.90 (14:30)	-9.08 ( 7:45)
11	1.77	7.64 (15:30)	-2.93 ( 7:15)	3.10	9.51 (15:30)	-1.96 ( 5:00)	1.96	9.10 (15:15)	-3.77 ( 5:45)	1.91	9.95 (15:15)	-4.28 ( 5:45)
12	0.99	5.46 (15:15)	-3.02 ( 9:00)	2.19	7.19 (15:15)	-2.23 ( 8:30)	0.77	6.98 (15:15)	-4.28 ( 8:15)	0.56	8.33 (15:15)	-4.27 ( 8:15)
13	2.36	7.07 (23:00)	-3.02 ( 8:15)	3.49	8.55 (16:45)	-2.19 ( 8:15)	2.43	8.18 (15:15)	-3.85 ( 7:00)	2.18	9.16 (15:00)	-4.32 ( 7:45)
14	4.12	8.16 ( 3:45)	0.53 (23:45)	5.59	9.42 ( 3:45)	1.73 (23:45)	4.79	8.68 ( 3:45)	0.42 (23:45)	4.99	8.45 ( 3:45)	-0.34 (23:45)
15	3.10	7.55 (15:45)	-1.17 ( 8:15)	4.30	9.33 (15:45)	-1.06 ( 8:00)	3.20	8.98 (14:15)	-2.89 ( 8:00)	3.03	10.47 (14:45)	-3.51 ( 7:45)
16	4.28	9.58 (16:15)	-1.12 ( 7:00)	5.67	11.40 (15:45)	-0.07 ( 8:00)	4.54	11.25 (15:30)	-2.44 ( 7:15)	4.45	12.44 (15:15)	-3.10 ( 7:15)
17	4.97	7.46 (15:30)	2.01 (23:30)	6.31	9.15 (15:00)	1.60 (24:00)	5.35	8.91 (14:30)	-0.37 (24:00)	5.17	10.04 (13:45)	-1.62 (24:00)
18	4.88	12.05 (16:15)	-2.44 ( 8:45)	5.59	13.84 (15:15)	-2.20 ( 7:30)	4.45	13.94 (15:15)	-4.10 ( 7:30)	4.03	15.29 (15:00)	-4.94 ( 7:30)
19	7.38	14.58 (17:15)	-1.11 ( 7:45)	7.84	16.05 (16:30)	-0.76 ( 7:15)	6.67	15.87 (16:30)	-2.46 ( 7:45)	6.05	16.88 (14:15)	-3.41 ( 7:15)
20	10.54	17.67 (15:30)	2.02 ( 8:15)	10.78	19.11 (15:30)	-1.61 ( 8:00)	-9.90	19.50 (15:00)	-0.18 ( 8:00)	9.39	20.84 (14:45)	-1.06 ( 7:45)
21	12.88	18.37 (17:00)	7.30 ( 7:15)	13.71	19.69 (17:00)	8.18 ( 7:30)	13.00	19.57 (17:00)	7.02 ( 7:30)	12.96	19.27 (17:00)	7.47 ( 7:45)
22	6.47	15.19 ( 0:45)	1.65 (24:00)	7.89	16.48 ( 0:45)	2.69 (24:00)	6.74	16.23 ( 0:30)	1.62 (24:00)	6.91	15.44 ( 0:45)	1.79 (24:00)
23	2.18	7.09 (16:30)	-0.59 ( 7:45)	3.27	8.38 (16:30)	0.28 ( 7:30)	2.34	7.82 (16:15)	-1.23 ( 7:30)	2.59	9.15 (15:15)	-2.17 (24:00)
24	3.05	7.65 (16:15)	-1.17 ( 6:00)	3.95	9.16 (16:15)	-0.83 ( 5:45)	2.84	8.85 (14:45)	-2.51 ( 5:15)	2.66	10.06 (14:45)	-3.23 ( 3:00)
25	6.41	10.74 (15:30)	2.65 (23:30)	7.47	12.10 (15:15)	3.48 (23:30)	6.55	11.84 (15:15)	2.22 (23:30)	6.29	12.61 (14:45)	1.59 (23:30)
26	2.03	3.68 (16:15)	0.22 ( 6:45)	3.03	4.85 (16:15)	0.99 ( 6:45)	2.00	4.24 (13:00)	-0.48 ( 7:15)	1.81	5.23 (13:00)	-1.44 ( 7:15)
27	2.39	6.11 (16:45)	-0.08 ( 7:30)	3.38	7.47 (16:00)	0.71 ( 4:15)	2.33	7.10 (16:00)	-1.06 ( 4:45)	2.33	8.31 (15:15)	-1.91 ( 7:15)
28	5.22	11.84 (16:15)	-0.51 ( 7:15)	5.93	13.01 (16:15)	-0.34 ( 6:00)	4.92	12.54 (16:15)	-2.06 ( 5:45)	4.71	12.89 (15:30)	-2.63 ( 4:45)
29	4.32	8.72 ( 0:15)	1.25 (22:00)	5.49	9.79 ( 0:15)	2.30 (22:00)	4.81	9.18 ( 0:30)	1.25 (22:00)	5.34	9.78 (14:00)	1.44 (22:30)
월	2.33	18.37 ( 2/21)	-8.49 ( 2/ 6)	3.48	19.69 ( 2/21)	-7.66 ( 2/ 6)	2.39	19.57 ( 2/21)	-9.51 ( 2/ 6)	2.33	20.84 ( 2/20)	-10.47 ( 2/ 6)

표 5. 계속 (Continued: 2004년 3월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	2.21	6.81 (15:15)	-0.68 ( 8:00)	3.30	8.17 (15:15)	0.05 ( 7:30)	2.45	7.88 (15:15)	-1.69 ( 7:15)	2.76	9.01 (15:15)	-2.46 ( 7:30)
2	-0.92	1.68 (15:45)	-3.14 ( 7:45)	0.13	2.87 (15:45)	-2.13 ( 7:45)	-0.87	2.25 (14:45)	-3.96 (24:00)	-0.62	3.64 (14:45)	-4.40 (24:00)
3	-2.91	-0.61 (17:45)	-4.77 (11:45)	-2.03	0.57 (17:30)	-3.75 (11:30)	-3.32	-0.37 (17:30)	-4.72 (11:30)	-3.35	0.25 (17:00)	-5.52 ( 4:00)
4	-0.62	3.83 (24:00)	-4.95 ( 8:15)	0.39	4.86 (24:00)	-4.47 ( 8:00)	-0.62	4.00 (24:00)	-6.29 ( 7:15)	-0.31	4.34 (13:30)	-7.34 ( 7:30)
5	0.49	3.92 ( 0:45)	-1.16 (23:45)	1.72	4.92 ( 0:45)	-0.57 (23:30)	0.33	4.05 ( 0:45)	-1.76 (24:00)	0.50	4.27 ( 0:45)	-2.05 (24:00)
6	-3.67	-1.18 ( 0:15)	-5.52 (22:30)	-2.78	-0.55 ( 0:15)	-4.86 (22:30)	-3.95	-1.86 (12:45)	-6.63 (22:30)	-3.55	0.03 (12:45)	-7.44 (23:00)
7	-5.51	-5.40 ( 3:00)	-5.67 ( 3:45)	-5.09	-4.61 ( 0:15)	-5.87 ( 3:45)	-6.99	-6.32 ( 0:15)	-7.73 ( 3:00)	-7.79	-6.79 ( 0:45)	-8.90 ( 3:45)
8	1.20	5.79 (16:00)	-4.32 ( 7:15)	1.60	6.99 (16:00)	-5.08 ( 7:45)	0.22	6.33 (15:30)	-7.00 ( 7:45)	-0.16	6.62 (15:15)	-7.53 ( 7:00)
9	6.58	12.40 (16:30)	0.57 ( 7:30)	6.98	13.63 (16:15)	0.45 ( 6:30)	5.63	13.36 (16:00)	-1.60 ( 9:15)	4.90	13.60 (15:00)	-2.36 ( 7:15)
10	11.58	15.68 (14:45)	7.75 ( 6:00)	11.66	16.80 (14:15)	4.48 ( 6:30)	10.13	16.50 (14:15)	1.85 ( 6:15)	9.14	15.92 (15:30)	1.39 ( 6:15)
11	5.70	8.05 ( 0:15)	3.85 ( 7:45)	6.71	9.10 ( 0:15)	4.28 (23:30)	5.83	8.38 (15:45)	2.29 (24:00)	5.73	9.06 (15:45)	1.23 (24:00)
12	6.61	12.42 (17:00)	1.79 ( 7:45)	7.43	13.74 (16:45)	2.02 ( 7:15)	6.60	13.49 (16:45)	0.72 ( 7:15)	6.52	14.62 (15:30)	0.01 ( 7:30)
13	7.25	12.94 (16:45)	1.57 ( 6:00)	7.99	14.31 (16:45)	1.74 ( 6:00)	6.99	14.24 (16:30)	-0.16 ( 6:30)	6.78	15.38 (16:30)	-0.92 ( 6:45)
14	6.16	10.73 (15:30)	2.64 ( 8:30)	7.11	12.09 (15:30)	3.02 ( 6:30)	6.21	12.09 (15:00)	1.40 ( 6:15)	6.22	13.32 (15:00)	1.28 ( 6:15)
15	8.12	15.35 (16:30)	0.90 ( 6:00)	8.94	16.73 (16:30)	1.74 ( 5:30)	8.77	16.75 (15:45)	-0.55 ( 5:30)	7.73	17.77 (15:30)	0.68 ( 5:30)
16	14.55	20.34 (15:00)	8.16 ( 8:15)	15.13	21.84 (15:00)	7.01 ( 6:45)	14.39	22.04 (15:00)	4.89 ( 6:45)	13.98	22.60 (15:00)	4.30 ( 7:00)
17	7.59	17.03 ( 1:45)	-0.52 (24:00)	8.67	18.22 ( 1:45)	0.46 (24:00)	7.90	17.92 ( 1:45)	-0.73 (24:00)	8.18	17.78 ( 1:45)	-0.88 (24:00)
18	1.24	5.86 (16:30)	-2.11 ( 7:00)	2.28	7.11 (16:30)	-1.27 ( 7:00)	1.31	6.82 (15:15)	-2.63 ( 6:45)	1.50	8.01 (15:15)	-3.08 ( 6:45)
19	3.42	8.06 (17:15)	-1.75 ( 7:45)	4.26	9.29 (17:15)	-1.40 ( 7:30)	3.21	8.78 (17:15)	-3.02 ( 6:00)	3.15	9.99 (14:45)	-3.86 ( 6:00)
20	6.31	11.37 (15:15)	2.03 ( 7:30)	7.23	12.62 (15:15)	2.55 ( 6:15)	6.41	12.49 (15:15)	0.80 ( 6:15)	6.46	14.01 (14:45)	0.28 ( 7:15)
21	9.40	15.02 (16:15)	3.28 ( 6:45)	10.26	16.34 (16:15)	3.61 ( 5:45)	9.61	16.78 (14:15)	2.48 ( 6:30)	9.64	18.33 (14:15)	1.98 ( 6:45)
22	9.27	13.56 (17:00)	5.82 ( 5:45)	10.32	14.78 (16:45)	6.80 ( 5:45)	9.63	14.63 (15:15)	5.22 ( 7:30)	9.94	16.29 (14:30)	4.99 (24:00)
23	8.94	14.24 (15:15)	3.25 ( 8:00)	9.67	15.72 (15:15)	2.91 ( 6:45)	8.81	15.94 (15:15)	1.35 ( 6:45)	8.70	17.55 (15:15)	0.63 ( 6:30)
24	7.89	11.93 (16:45)	4.26 ( 7:00)	8.73	13.14 (16:15)	4.67 ( 5:00)	7.74	12.94 (15:30)	2.83 ( 5:00)	7.48	14.08 (15:30)	1.65 ( 5:00)
25	7.36	12.04 (16:30)	4.10 ( 8:15)	8.15	13.28 (16:30)	4.67 ( 6:45)	7.25	13.18 (16:15)	3.48 ( 4:45)	7.17	14.25 (16:15)	3.13 ( 4:00)
26	8.96	14.59 (17:00)	1.77 ( 7:15)	9.61	15.89 (17:30)	1.97 ( 7:15)	8.77	16.00 (15:45)	0.36 ( 6:45)	8.54	17.55 (16:00)	-0.47 ( 6:45)
27	10.01	15.45 (17:00)	3.46 ( 6:45)	10.72	16.78 (17:00)	3.98 ( 7:00)	9.92	16.88 (14:30)	2.56 ( 6:15)	9.71	18.18 (14:30)	1.69 ( 6:15)
28	11.36	18.52 (16:00)	3.06 ( 7:00)	12.03	19.98 (16:00)	3.01 ( 7:00)	11.29	20.32 (16:00)	1.39 ( 6:45)	11.09	21.81 (14:45)	0.48 ( 6:15)
29	13.90	19.23 (15:30)	8.63 ( 8:15)	14.73	20.72 (15:30)	8.76 ( 5:30)	14.28	21.03 (15:30)	7.57 ( 5:30)	14.42	22.10 (15:00)	7.11 ( 5:45)
30	11.06	14.05 (12:15)	4.83 (24:00)	12.18	15.67 (12:15)	5.32 (24:00)	11.63	15.81 (12:15)	3.45 (24:00)	11.90	17.23 (12:45)	2.54 (24:00)
31	7.81	13.32 (15:00)	2.60 ( 6:15)	8.62	14.83 (15:00)	2.00 ( 6:15)	7.71	14.94 (15:00)	0.21 ( 6:15)	7.59	16.28 (15:00)	-0.67 ( 6:15)
월	6.17	20.34 ( 3/16)	-5.67 ( 3/ 7)	7.00	21.84 ( 3/16)	-5.87 ( 3/ 7)	6.07	22.04 ( 3/16)	-7.73 ( 3/ 7)	5.99	22.60 ( 3/16)	-8.90 ( 3/ 7)

표 5. 계속 (Continued: 2004년 4월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	8.81	16.87 (14:30)	3.14 ( 5:30)	9.62	18.10 (14:30)	3.30 ( 5:45)	8.81	18.09 (13:30)	1.82 ( 7:15)	8.83	19.25 (13:00)	0.93 ( 6:15)
2	6.69	10.45 (15:15)	4.22 ( 7:00)	7.85	11.91 (15:15)	5.21 ( 7:15)	7.17	11.65 (15:15)	4.15 ( 5:00)	7.68	13.15 (15:15)	4.34 ( 7:15)
3	5.94	9.55 (15:45)	2.66 ( 6:00)	6.96	10.83 (15:15)	3.07 ( 6:15)	6.15	10.61 (15:15)	1.68 ( 6:15)	6.34	11.69 (15:30)	0.81 ( 6:30)
4	6.45	11.38 (16:00)	1.97 ( 7:30)	7.35	12.69 (16:00)	2.08 ( 6:15)	6.47	12.63 (16:00)	0.44 ( 6:15)	6.36	13.93 (15:00)	-0.59 ( 6:00)
5	8.59	14.73 (16:30)	2.83 ( 7:00)	9.50	16.18 (16:30)	2.43 ( 6:30)	8.65	16.24 (16:15)	0.64 ( 6:15)	8.54	17.80 (16:00)	-0.18 ( 6:30)
6	7.83	12.05 (14:00)	3.87 ( 6:30)	8.64	13.28 (13:45)	4.18 ( 6:00)	7.85	13.10 (13:45)	2.72 ( 6:00)	7.94	14.12 (13:45)	2.07 ( 6:00)
7	8.64	13.59 (14:45)	5.23 ( 3:45)	9.77	15.00 (14:30)	6.18 ( 2:45)	9.23	15.11 (14:30)	5.09 ( 2:45)	9.69	16.53 (14:30)	5.80 ( 2:45)
8	9.58	16.55 (15:15)	2.79 ( 7:00)	10.47	18.05 (15:00)	2.71 ( 7:00)	9.73	18.29 (15:00)	0.97 ( 6:45)	9.67	19.92 (15:00)	0.06 ( 6:00)
9	12.66	19.97 (15:00)	7.30 ( 4:45)	13.54	21.44 (15:00)	6.37 ( 7:00)	12.81	21.86 (15:00)	4.37 ( 5:00)	12.54	23.24 (15:00)	3.21 ( 5:45)
10	14.51	21.94 (17:15)	6.86 ( 7:00)	15.42	23.28 (17:15)	7.28 ( 7:00)	15.00	23.78 (16:00)	5.77 ( 6:45)	15.03	25.08 (16:00)	4.96 ( 6:30)
11	15.57	20.60 (16:00)	10.96 ( 6:45)	16.58	22.01 (16:00)	11.50 ( 6:45)	16.17	22.52 (16:00)	10.41 ( 6:45)	16.32	24.02 (14:00)	9.96 ( 5:45)
12	15.82	21.10 (17:15)	10.03 ( 6:45)	16.72	22.44 (17:15)	9.96 ( 7:00)	16.31	22.72 (16:45)	8.84 ( 5:30)	16.27	23.63 (16:45)	8.04 ( 6:00)
13	15.85	21.23 (15:45)	11.17 ( 6:15)	16.96	22.71 (15:45)	11.89 ( 6:15)	16.70	23.36 (15:45)	10.36 ( 6:15)	16.87	24.86 (15:45)	8.92 ( 6:15)
14	15.35	21.36 (16:15)	9.85 ( 6:45)	16.27	22.77 (16:15)	10.47 ( 6:30)	15.78	23.08 (16:15)	9.31 ( 6:15)	15.82	24.34 (16:00)	9.01 ( 6:30)
15	14.90	21.31 (16:15)	8.06 ( 6:30)	15.69	22.73 (16:15)	7.80 ( 6:30)	15.09	23.12 (16:15)	6.72 ( 6:15)	14.77	24.39 (16:00)	6.10 ( 6:15)
16	15.97	20.60 (16:00)	11.41 ( 5:00)	17.17	22.31 (14:30)	12.34 ( 5:15)	16.73	22.75 (14:30)	10.34 ( 4:15)	16.27	23.91 (13:30)	8.82 ( 5:30)
17	17.82	23.62 (15:30)	12.68 ( 5:45)	18.74	25.28 (15:30)	11.22 ( 6:30)	18.28	25.90 (15:30)	9.76 ( 6:30)	17.93	27.31 (15:30)	9.12 ( 6:30)
18	16.76	23.89 (15:30)	10.26 ( 7:15)	17.55	25.21 (15:30)	10.24 ( 6:45)	17.12	25.45 (15:30)	9.20 ( 6:45)	17.03	25.95 (15:15)	8.12 ( 6:15)
19	14.31	16.13 (12:45)	11.77 (23:15)	15.41	17.30 (12:30)	12.70 (23:15)	14.93	17.22 (14:30)	12.31 (24:00)	14.99	17.72 (14:30)	12.34 (24:00)
20	15.50	21.58 (15:30)	10.97 ( 6:45)	16.72	23.12 (15:30)	11.68 ( 6:00)	16.47	23.72 (15:00)	11.41 ( 5:30)	16.66	24.94 (15:00)	11.00 ( 6:15)
21	18.84	25.79 (16:45)	9.87 ( 5:45)	19.65	27.27 (16:45)	10.46 ( 6:15)	19.09	27.69 (16:00)	9.20 ( 5:00)	18.61	28.55 (15:00)	8.41 ( 5:45)
22	18.36	22.78 (14:15)	13.56 (24:00)	19.44	24.40 (14:15)	14.54 (24:00)	19.07	24.93 (14:15)	13.56 (23:45)	18.75	26.05 (14:15)	11.92 (23:45)
23	11.79	14.97 (15:45)	9.14 ( 6:15)	12.92	16.37 (15:30)	9.67 (24:00)	12.44	16.55 (15:30)	8.03 (24:00)	12.69	18.01 (13:30)	6.89 (24:00)
24	10.93	15.41 (15:00)	6.08 ( 7:00)	11.80	16.80 (15:00)	5.84 ( 6:00)	11.04	16.98 (15:00)	4.24 ( 5:45)	10.92	18.70 (13:30)	3.10 ( 6:00)
25	12.60	18.70 (16:00)	4.50 ( 5:45)	13.32	20.20 (16:00)	4.61 ( 6:00)	12.52	20.48 (15:30)	2.88 ( 5:45)	12.36	21.99 (15:30)	1.81 ( 5:30)
26	10.78	13.73 (12:15)	8.91 (15:45)	11.54	14.91 (12:15)	9.82 ( 5:00)	10.64	14.41 (12:15)	8.65 ( 5:00)	10.36	14.44 (12:30)	8.09 ( 3:00)
27	7.56	9.37 ( 0:15)	5.92 (24:00)	8.61	10.66 ( 0:15)	5.47 (23:30)	7.55	11.04 ( 1:00)	4.25 (23:45)	7.62	9.68 ( 0:45)	3.23 (24:00)
28	10.76	17.56 (16:45)	3.46 ( 6:00)	11.69	18.91 (16:00)	4.03 ( 5:45)	10.84	19.11 (15:30)	2.42 ( 5:15)	10.70	20.48 (15:45)	1.41 ( 5:45)
29	14.68	21.24 (16:00)	6.99 ( 7:00)	15.53	22.64 (16:00)	7.11 ( 5:45)	14.96	23.01 (16:00)	5.56 ( 5:30)	14.81	24.38 (15:30)	4.85 ( 5:45)
30	16.09	20.25 (17:15)	11.74 ( 5:45)	16.86	21.54 (17:15)	12.48 ( 5:45)	16.25	21.61 (16:15)	11.62 ( 5:45)	16.14	22.84 (16:15)	11.07 ( 3:00)
월	12.66	25.79 ( 4/21)	1.97 ( 4/ 4)	13.61	27.27 ( 4/21)	2.08 ( 4/ 4)	12.99	27.69 ( 4/21)	0.44 ( 4/ 4)	12.95	28.55 ( 4/21)	-0.59 ( 4/ 4)

표 5. 계속 (Continued: 2004년 5월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	17.41	21.74 (16:15)	13.66 ( 6:15)	18.65	23.21 (16:15)	14.71 ( 6:15)	18.54	23.66 (16:15)	14.18 ( 6:00)	18.95	24.69 (16:15)	14.05 ( 6:00)
2	15.44	20.07 (14:30)	12.12 ( 5:45)	16.61	21.41 (14:15)	13.11 ( 5:45)	16.29	21.51 (14:15)	12.32 ( 5:45)	16.63	22.22 (14:15)	12.48 ( 5:45)
3	15.87	17.80 (15:30)	11.50 (24:00)	17.00	19.20 (15:30)	12.48 (24:00)	16.33	18.95 (12:45)	12.05 (24:00)	16.70	18.97 (15:30)	12.17 (24:00)
4	13.09	18.34 (15:45)	7.99 ( 6:45)	14.17	19.66 (15:45)	8.93 ( 6:15)	13.68	19.78 (15:45)	7.65 ( 5:15)	13.96	20.96 (15:15)	7.76 ( 5:45)
5	14.52	19.96 (15:15)	8.40 ( 5:45)	15.49	21.46 (15:15)	8.27 ( 5:15)	14.82	21.68 (15:15)	6.65 ( 5:30)	14.66	22.62 (15:00)	5.80 ( 5:45)
6	17.60	22.29 (16:45)	14.38 (24:00)	18.59	23.62 (16:45)	13.92 (23:45)	18.17	23.93 (15:45)	12.16 (23:45)	18.18	25.22 (15:15)	10.63 (24:00)
7	16.94	23.14 (17:00)	8.86 ( 6:45)	17.56	24.50 (17:00)	9.07 ( 6:15)	16.94	24.80 (16:45)	7.91 ( 5:45)	16.63	26.27 (14:45)	6.95 ( 5:45)
8	17.37	21.74 (17:45)	12.18 ( 5:15)	18.00	22.82 (17:15)	12.26 ( 5:45)	17.51	22.97 (14:00)	11.26 ( 5:45)	17.18	23.81 (14:00)	10.44 ( 6:00)
9	14.38	15.63 (21:00)	12.98 ( 1:00)	15.45	16.73 (17:00)	13.96 ( 1:00)	14.84	16.69 (18:45)	13.17 ( 4:00)	14.97	16.70 (17:45)	13.39 ( 5:15)
10	15.06	15.98 (13:30)	13.64 (24:00)	16.16	17.30 (13:30)	14.58 (23:45)	15.77	17.94 ( 6:15)	13.32 ( 7:15)	16.00	18.23 (13:30)	14.56 (24:00)
11	16.23	20.39 (16:45)	12.53 ( 6:30)	17.19	21.71 (16:45)	13.04 ( 6:30)	16.84	21.95 (16:15)	12.02 ( 5:15)	17.09	23.29 (16:15)	12.41 ( 5:00)
12	16.31	17.79 (11:15)	14.20 ( 8:00)	17.15	19.00 (11:15)	15.31 ( 5:00)	16.73	18.89 (11:15)	14.88 ( 5:15)	16.65	18.66 (11:15)	14.49 ( 5:45)
13	16.20	17.81 (15:30)	13.09 (24:00)	17.16	19.09 (15:30)	13.76 (23:45)	17.00	19.43 (15:45)	12.55 (23:15)	17.06	20.78 (15:45)	11.74 (24:00)
14	17.04	23.75 (16:30)	10.61 ( 6:30)	18.00	25.15 (16:30)	11.32 ( 6:00)	17.61	25.44 (16:15)	10.64 ( 6:30)	17.66	26.64 (16:15)	10.36 ( 4:15)
15	15.08	18.18 ( 0:15)	13.00 (15:30)	15.95	18.85 ( 0:15)	13.66 (23:30)	15.31	17.83 ( 0:15)	13.02 (23:45)	15.44	17.01 (11:30)	12.85 (24:00)
16	15.19	18.68 (17:15)	12.27 ( 6:00)	16.25	19.91 (17:15)	12.84 ( 5:45)	15.91	19.99 (16:30)	11.78 ( 5:45)	16.22	21.48 (15:45)	11.46 ( 5:45)
17	14.69	16.78 (16:15)	12.94 (23:45)	15.79	18.23 (16:15)	13.83 (24:00)	15.40	18.41 (13:45)	12.42 (24:00)	15.63	19.48 (16:15)	11.90 (24:00)
18	17.82	22.85 (14:45)	11.51 ( 5:45)	18.80	24.36 (14:15)	11.74 ( 5:30)	18.44	24.68 (14:15)	10.13 ( 5:30)	18.38	25.29 (14:15)	9.73 ( 5:45)
19	20.34	23.48 (13:45)	17.44 (24:00)	21.46	24.99 (13:30)	18.43 (24:00)	21.36	25.39 (13:30)	18.00 (24:00)	21.46	26.31 (13:45)	17.85 (24:00)
20	19.32	24.16 (15:15)	14.97 ( 6:45)	20.42	25.59 (15:15)	15.36 ( 5:00)	20.22	26.04 (15:15)	13.69 ( 5:45)	20.47	27.17 (14:15)	13.01 ( 5:30)
21	17.25	20.67 (14:45)	13.65 (23:45)	18.00	21.70 (14:45)	13.75 (23:45)	17.55	22.00 (14:30)	12.10 (23:30)	17.75	23.16 (14:45)	10.48 (24:00)
22	17.33	22.43 (15:45)	11.88 ( 5:15)	18.01	23.39 (15:45)	12.34 ( 4:45)	17.42	23.65 (16:00)	10.24 ( 3:45)	16.95	25.77 (16:15)	8.76 ( 4:15)
23	16.94	20.53 (14:45)	13.38 ( 6:15)	17.71	21.64 (14:45)	13.81 ( 4:45)	17.26	22.01 (15:15)	12.82 ( 4:45)	17.33	23.44 (15:15)	11.93 ( 2:00)
24	16.04	22.71 (18:00)	11.95 ( 5:45)	16.35	23.65 (18:00)	12.05 ( 5:30)	15.36	23.34 (18:00)	10.65 ( 5:30)	14.62	23.73 (18:00)	9.74 ( 5:30)
25	19.43	24.98 (16:15)	13.00 ( 6:00)	19.83	25.79 (16:15)	12.80 ( 6:00)	19.57	26.52 (15:00)	11.40 ( 5:45)	19.54	28.17 (15:45)	10.28 ( 5:30)
26	17.94	19.91 (18:15)	14.73 ( 5:00)	18.14	20.51 (14:45)	15.05 ( 6:00)	17.53	20.55 (14:45)	13.93 ( 6:00)	17.28	21.31 (14:30)	13.30 ( 5:45)
27	20.79	25.37 (14:45)	16.54 ( 5:00)	21.30	26.25 (14:45)	16.83 ( 4:30)	21.22	26.99 (14:45)	16.22 ( 6:00)	21.42	28.09 (14:45)	16.14 ( 5:30)
28	21.39	24.93 (12:45)	19.33 ( 7:30)	21.83	25.64 (13:00)	19.65 ( 5:30)	21.61	25.87 (13:00)	18.87 ( 5:30)	21.48	25.84 (13:00)	18.66 ( 5:45)
29	21.00	24.70 (17:30)	17.71 ( 7:30)	21.59	25.51 (17:45)	18.45 ( 7:45)	21.57	25.89 (16:30)	18.04 ( 7:45)	22.00	27.65 (17:00)	18.65 ( 7:15)
30	20.43	26.19 (13:45)	17.14 ( 5:30)	20.97	26.92 (13:30)	16.69 ( 5:30)	21.63	27.54 (13:30)	17.09 ( 4:15)	21.08	28.83 (13:15)	16.74 ( 4:45)
31	19.68	23.11 (14:00)	16.53 ( 6:30)	20.19	23.95 (14:00)	17.00 ( 5:15)	19.92	24.46 (14:00)	15.43 (23:45)	20.04	25.82 (14:00)	13.51 (24:00)
월	17.24	26.19 ( 5:30)	7.99 ( 5/ 4)	18.08	26.92 ( 5/30)	8.27 ( 5/ 5)	17.69	27.54 ( 5/30)	6.65 ( 5/ 5)	17.76	28.83 ( 5/30)	5.80 ( 5/ 5)

표 5. 계속 (Continued: 2004년 6월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	20.37	25.62 (16:30)	13.12 ( 5:30)	20.54	26.33 (16:45)	12.30 ( 5:45)	20.13	26.89 (15:00)	10.85 ( 5:45)	19.97	28.86 (15:00)	9.88 ( 4:45)
2	20.91	27.42 (18:30)	15.57 ( 6:45)	21.90	28.42 (14:45)	14.99 ( 6:30)	21.72	29.41 (15:30)	14.39 ( 5:15)	22.42	31.24 (15:15)	13.68 ( 5:30)
3	24.17	29.75 (17:00)	17.48 ( 6:30)	24.37	30.50 (17:00)	17.07 ( 6:00)	24.12	31.27 (17:15)	15.81 ( 6:00)	23.86	32.98 (17:00)	14.71 ( 5:15)
4	24.00	29.30 (16:30)	18.40 ( 6:45)	24.44	29.98 (16:30)	18.67 ( 5:45)	24.23	30.63 (15:15)	17.45 ( 6:00)	24.08	32.26 (15:30)	16.63 ( 5:30)
5	24.18	28.66 (15:45)	17.61 ( 6:30)	24.55	29.43 (15:45)	18.05 ( 6:15)	24.29	29.96 (15:15)	17.18 ( 6:00)	23.98	31.49 (14:30)	16.09 ( 5:15)
6	24.01	26.43 (15:30)	21.57 ( 6:45)	24.59	27.25 (14:45)	21.84 ( 6:45)	24.59	27.81 (15:30)	21.41 ( 7:00)	24.64	29.57 (12:30)	20.19 ( 6:45)
7	19.93	22.13 ( 0:15)	18.08 (23:00)	20.46	22.50 ( 0:15)	18.29 (23:45)	20.19	22.32 ( 0:15)	17.58 (23:45)	20.25	21.98 (11:00)	16.85 (24:00)
8	17.44	19.65 (14:00)	15.27 ( 7:00)	17.97	20.52 (14:15)	15.38 ( 6:30)	17.51	20.82 (14:15)	14.56 ( 6:45)	17.84	22.26 (13:45)	15.03 ( 4:00)
9	20.01	23.99 (17:00)	16.86 ( 5:45)	20.59	24.78 (17:00)	17.14 ( 5:15)	20.47	25.21 (16:15)	16.29 ( 3:45)	20.89	26.60 (16:30)	16.82 ( 0:45)
10	21.85	27.52 (17:15)	15.75 ( 6:00)	22.27	28.29 (17:30)	15.50 ( 4:45)	22.05	28.79 (17:00)	12.59 ( 6:15)	22.27	30.56 (16:45)	14.32 ( 5:45)
11	24.07	28.45 (16:45)	20.14 ( 6:00)	24.52	29.27 (16:45)	20.20 ( 5:45)	24.46	29.97 (16:30)	18.42 ( 5:45)	24.40	31.92 (16:45)	16.82 ( 5:45)
12	22.69	26.92 (16:30)	18.24 ( 6:45)	23.26	27.81 (16:45)	17.74 ( 6:15)	23.24	28.39 (16:00)	16.96 ( 5:45)	23.35	29.42 (15:00)	17.28 ( 5:45)
13	22.12	26.50 (14:45)	16.56 ( 6:15)	22.60	27.44 (14:45)	16.76 ( 6:30)	22.35	28.12 (14:45)	15.06 ( 6:00)	22.34	29.94 (14:45)	13.59 ( 5:45)
14	22.24	26.98 (16:00)	16.29 ( 5:45)	22.51	27.89 (16:30)	15.95 ( 5:45)	22.25	28.63 (16:00)	14.89 ( 5:45)	22.29	30.47 (16:15)	13.87 ( 5:45)
15	23.20	29.02 (15:15)	16.32 ( 6:15)	23.56	29.94 (15:15)	16.34 ( 5:45)	23.38	30.76 (15:15)	15.17 ( 6:00)	23.22	32.47 (15:15)	14.03 ( 6:00)
16	24.15	28.78 (16:15)	17.71 ( 6:00)	24.66	29.68 (16:00)	17.97 ( 6:30)	24.51	30.32 (16:00)	16.94 ( 5:45)	24.28	31.38 (16:00)	15.83 ( 5:45)
17	18.11	24.12 ( 0:45)	16.78 (23:30)	18.60	24.57 ( 0:15)	16.95 (14:00)	17.99	24.34 ( 0:30)	13.04 ( 9:00)	18.21	22.66 ( 0:30)	16.10 (23:30)
18	21.08	25.53 (16:30)	16.93 ( 0:45)	21.64	26.27 (16:45)	16.88 ( 3:30)	21.55	26.77 (16:00)	16.41 ( 2:15)	21.86	27.96 (15:00)	16.45 ( 0:15)
19	20.11	23.33 ( 0:15)	19.13 (12:00)	20.67	23.70 ( 0:15)	19.55 ( 8:15)	20.19	23.32 ( 0:30)	17.13 ( 6:00)	20.42	22.48 ( 0:15)	19.70 (12:15)
20	21.37	22.14 (19:15)	20.28 ( 0:15)	21.83	23.72 (15:15)	20.03 ( 2:00)	21.77	23.76 (20:15)	19.25 ( 0:45)	21.94	23.18 (11:45)	20.40 ( 0:30)
21	21.31	24.30 (16:00)	19.41 (23:30)	22.09	26.33 ( 5:00)	19.65 (23:30)	21.81	25.37 (15:45)	19.32 (24:00)	21.90	26.18 (15:45)	19.19 (24:00)
22	21.65	26.23 (16:45)	18.86 ( 6:45)	22.24	26.99 (16:45)	19.24 ( 5:15)	22.18	27.54 (16:45)	18.68 ( 1:00)	22.67	28.71 (16:30)	19.05 ( 5:00)
23	23.85	27.57 (16:45)	20.05 ( 0:15)	24.41	28.27 (16:45)	20.42 ( 1:00)	24.38	28.60 (16:45)	19.80 ( 0:45)	24.34	29.14 (16:00)	20.42 ( 0:15)
24	23.71	26.60 (13:45)	21.02 ( 5:30)	24.21	27.37 (13:30)	21.05 ( 5:45)	24.06	27.80 (13:30)	20.36 ( 5:45)	23.96	28.36 (13:30)	20.31 ( 5:45)
25	22.47	23.78 (13:00)	21.45 ( 4:45)	23.14	24.54 (13:00)	21.94 ( 5:15)	23.15	24.85 (13:00)	21.65 ( 5:00)	23.24	25.59 (12:30)	21.23 ( 5:00)
26	23.49	27.02 (16:45)	20.43 ( 3:30)	24.16	27.78 (16:45)	20.76 ( 3:15)	24.31	28.41 (15:15)	20.49 ( 5:15)	24.75	29.73 (15:15)	20.51 ( 5:30)
27	23.20	27.01 (16:45)	21.35 ( 6:45)	23.76	27.67 (15:45)	21.31 (23:45)	23.81	28.52 (15:45)	20.23 (23:45)	24.39	30.05 (16:00)	20.64 (24:00)
28	21.70	24.54 (16:45)	19.94 ( 5:45)	22.19	25.20 (17:00)	18.85 ( 4:30)	21.97	25.64 (15:45)	16.90 ( 7:00)	22.63	26.92 (15:45)	19.59 ( 5:15)
29	22.30	24.99 (16:30)	19.88 ( 4:30)	22.89	25.68 (16:30)	20.35 ( 4:15)	22.95	26.33 (14:15)	19.53 ( 2:30)	23.47	27.90 (14:45)	19.37 ( 2:45)
30	23.57	26.19 (14:45)	21.07 ( 7:00)	24.19	26.96 (15:15)	21.60 ( 3:30)	24.35	27.69 (14:45)	21.29 ( 4:45)	24.73	29.28 (14:45)	21.73 ( 5:45)
월	22.11	29.75 ( 6/ 3)	13.12 ( 6/ 1)	22.63	30.50 ( 6/ 3)	12.30 ( 6/ 1)	22.46	31.27 ( 6/ 3)	10.85 ( 6/ 1)	22.62	32.98 ( 6/ 3)	9.88 ( 6/ 1)

표 5. 계속 (Continued: 2004년 7월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	23.47	26.37 (14:45)	20.21 ( 4:45)	24.12	27.25 (14:15)	20.78 ( 4:45)	24.16	27.91 (14:15)	20.41 ( 5:00)	24.62	29.23 (13:45)	20.73 ( 6:45)
2	23.67	25.86 (18:45)	21.60 ( 6:15)	24.16	26.64 (19:30)	21.30 ( 5:45)	24.15	26.79 (19:15)	21.75 ( 6:30)	24.29	26.68 (18:30)	21.89 ( 6:45)
3	24.32	26.10 (12:45)	21.15 (23:30)	24.92	26.97 (13:00)	21.24 (23:30)	24.97	27.38 (11:30)	20.84 (23:15)	25.23	27.90 (12:15)	21.40 (23:30)
4	23.52	26.61 (17:00)	21.29 ( 1:00)	24.06	27.21 (17:00)	21.42 ( 1:30)	23.85	27.17 (19:00)	20.76 ( 1:30)	23.62	26.79 (17:15)	21.34 ( 4:15)
5	22.77	26.11 (16:15)	19.26 ( 6:00)	23.33	26.83 (16:15)	19.47 ( 6:00)	23.38	27.26 (15:15)	19.31 ( 5:15)	23.52	28.13 (15:15)	19.52 ( 5:00)
6	25.40	27.72 (15:30)	23.03 ( 7:45)	25.92	28.39 (15:30)	23.60 ( 7:45)	26.01	29.06 (15:30)	23.74 ( 5:00)	26.08	30.29 (16:15)	23.02 ( 5:00)
7	22.51	24.93 ( 0:15)	19.74 ( 8:15)	22.90	25.72 ( 1:00)	19.67 ( 8:15)	22.62	25.27 ( 0:30)	19.12 ( 8:15)	22.88	24.62 ( 0:30)	19.95 ( 7:30)
8	21.76	23.43 (17:45)	20.05 ( 7:15)	22.32	24.21 ( 0:30)	20.15 ( 7:15)	22.32	24.25 (15:45)	20.12 ( 9:15)	22.40	24.81 (15:30)	20.18 (24:00)
9	22.55	26.01 (18:30)	19.69 ( 7:30)	22.99	26.67 (17:30)	19.91 ( 4:00)	22.97	27.07 (17:30)	19.61 ( 2:45)	23.22	28.55 (16:45)	19.86 ( 2:30)
10	23.49	26.94 (15:15)	20.04 ( 5:00)	23.98	27.67 (15:15)	20.08 ( 6:00)	23.89	28.37 (15:00)	16.02 ( 8:00)	24.22	29.97 (15:00)	19.74 ( 4:00)
11	22.18	24.80 (13:00)	20.45 ( 6:00)	22.60	25.52 (12:45)	20.14 ( 5:15)	22.40	25.93 (12:45)	19.15 ( 7:00)	22.62	26.38 (12:45)	19.61 ( 5:30)
12	24.41	26.91 (15:30)	21.19 ( 0:30)	24.88	27.62 (15:15)	21.35 ( 0:45)	24.74	27.90 (15:15)	20.49 ( 0:45)	24.60	28.06 (15:30)	21.23 ( 2:00)
13	23.96	25.64 (12:30)	22.43 (24:00)	24.49	26.51 (12:30)	22.57 (23:30)	24.46	27.02 (12:30)	22.00 (23:30)	24.60	27.64 (12:30)	22.58 (24:00)
14	22.97	24.42 (17:45)	21.94 ( 6:00)	23.41	25.19 (17:45)	21.83 ( 5:15)	23.25	25.29 (17:30)	21.25 ( 5:15)	23.44	26.06 (17:30)	22.30 ( 1:45)
15	22.95	24.74 (12:00)	22.01 (23:30)	23.36	25.32 (12:00)	22.37 (23:30)	23.13	25.31 (11:45)	21.64 ( 6:00)	23.23	24.77 (12:15)	22.23 (24:00)
16	24.70	27.21 (15:45)	22.04 ( 0:30)	25.07	27.71 (15:45)	22.44 ( 0:45)	24.93	27.81 (15:45)	21.12 ( 0:45)	24.72	27.44 (15:45)	22.23 ( 0:15)
17	23.53	25.44 ( 0:15)	22.03 (13:00)	23.99	25.97 ( 0:30)	22.51 (13:00)	23.87	26.15 ( 0:30)	22.27 (10:45)	23.95	25.71 ( 1:45)	22.67 (11:00)
18	26.31	29.10 (16:15)	23.44 ( 0:30)	26.83	29.91 (15:45)	23.26 ( 0:30)	26.97	30.48 (15:45)	22.87 ( 0:30)	26.74	30.72 (15:45)	23.32 ( 0:45)
19	26.96	29.19 (13:15)	25.33 ( 2:15)	27.46	29.86 (13:15)	25.82 ( 2:15)	27.59	30.27 (13:15)	25.19 (24:00)	27.36	30.41 (16:00)	24.47 (24:00)
20	26.82	29.18 (15:15)	25.33 ( 2:30)	27.34	29.94 (15:15)	25.48 ( 3:00)	27.46	30.63 (15:15)	24.60 ( 3:00)	27.31	31.22 (15:15)	24.14 ( 3:00)
21	27.16	30.04 (17:45)	24.92 ( 5:30)	27.69	30.67 (17:15)	24.97 ( 1:45)	27.95	31.49 (17:15)	24.85 ( 1:45)	28.00	32.78 (17:00)	24.50 ( 2:00)
22	27.42	30.92 (16:15)	24.30 ( 7:15)	27.96	31.63 (16:15)	24.46 ( 7:00)	28.12	32.26 (16:15)	23.85 ( 6:00)	28.38	33.54 (14:15)	23.82 ( 6:00)
23	27.77	31.82 (16:15)	24.26 ( 7:15)	28.30	32.51 (16:15)	24.72 ( 5:00)	28.52	33.42 (15:30)	23.20 ( 6:15)	28.84	34.82 (16:00)	24.57 (24:00)
24	27.18	31.28 (14:45)	23.60 ( 4:30)	27.51	32.01 (14:00)	23.43 ( 5:15)	27.50	32.92 (14:45)	22.36 ( 5:15)	27.56	34.34 (14:45)	22.19 ( 5:45)
25	26.12	28.49 (17:00)	23.41 ( 4:15)	26.60	29.29 (17:00)	23.45 ( 3:30)	26.64	29.65 (17:15)	22.84 ( 5:30)	26.72	31.04 (12:30)	22.73 ( 4:00)
26	27.07	30.04 (15:45)	24.59 ( 7:15)	27.63	30.76 (15:45)	24.96 ( 7:15)	27.81	31.47 (14:45)	24.56 ( 5:30)	28.15	32.77 (13:45)	24.18 ( 6:00)
27	27.16	29.51 (17:00)	24.57 ( 6:45)	27.66	30.27 (14:30)	24.71 ( 6:00)	27.70	30.90 (14:30)	24.35 ( 6:15)	27.70	31.77 (14:30)	24.01 ( 5:45)
28	27.40	30.82 (16:45)	24.25 ( 6:30)	27.91	31.55 (16:45)	24.45 ( 5:15)	28.10	32.33 (16:15)	23.67 ( 5:00)	28.42	34.09 (14:45)	23.39 ( 5:45)
29	27.80	31.41 (16:15)	23.90 ( 6:30)	28.28	32.13 (16:00)	23.77 ( 6:30)	28.49	32.95 (16:30)	23.61 ( 6:15)	28.83	34.88 (16:30)	23.36 ( 5:45)
30	27.92	31.41 (16:00)	24.98 ( 7:00)	28.44	32.15 (16:00)	25.39 ( 7:00)	28.69	33.04 (15:30)	24.91 ( 6:15)	29.08	34.40 (16:15)	24.82 ( 6:00)
31	27.92	31.88 (15:00)	23.60 ( 5:45)	28.48	32.68 (15:00)	23.96 ( 6:30)	28.75	33.69 (15:00)	23.70 ( 6:15)	29.01	35.42 (15:00)	23.40 ( 6:15)
월	25.13	31.88 ( 7/31)	19.26 ( 7/ 5)	25.63	32.68 ( 7/31)	19.47 ( 7/ 5)	25.66	33.69 ( 7/31)	16.02 ( 7/10)	25.78	35.42 ( 7/31)	19.52 ( 7/ 5)



표 5. 계속 (Continued: 2004년 8월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	27.58	31.10 (16:15)	24.03 ( 6:30)	28.09	31.92 (16:30)	24.09 ( 6:15)	28.29	32.70 (16:15)	24.07 ( 6:15)	28.57	34.22 (15:15)	23.75 ( 6:00)
2	26.97	30.69 (15:45)	23.10 ( 6:15)	27.54	31.47 (15:45)	23.41 ( 5:45)	27.79	32.38 (15:30)	22.83 ( 5:15)	28.27	34.28 (15:45)	22.65 ( 5:30)
3	27.31	30.54 (16:45)	24.43 ( 5:45)	27.90	31.30 (16:45)	24.98 ( 6:00)	28.14	32.21 (16:45)	24.56 ( 5:15)	28.54	34.06 (16:45)	24.28 ( 6:00)
4	26.10	30.51 (15:30)	23.76 (20:15)	26.62	31.19 (15:30)	24.04 (22:00)	26.75	31.49 (13:30)	23.42 (23:30)	27.23	33.43 (13:45)	23.87 (24:00)
5	25.74	30.42 (14:45)	23.60 ( 6:15)	26.28	31.26 (14:45)	24.02 ( 5:45)	26.37	32.18 (14:45)	23.12 (22:15)	26.92	34.01 (14:45)	23.63 (24:00)
6	27.24	30.60 (17:00)	23.75 ( 6:15)	27.70	31.42 (14:30)	23.68 ( 5:45)	27.79	32.57 (14:30)	22.86 ( 5:45)	27.98	33.95 (16:45)	23.11 ( 4:00)
7	27.39	30.67 (16:30)	24.34 ( 7:15)	27.94	31.49 (15:30)	24.35 ( 5:15)	28.05	32.46 (15:30)	22.99 ( 5:15)	28.22	34.18 (15:45)	23.92 ( 6:15)
8	27.00	30.47 (15:30)	23.77 ( 6:30)	27.59	31.38 (15:00)	23.52 ( 6:00)	27.80	32.34 (15:30)	21.15 ( 6:00)	28.22	34.17 (15:30)	23.00 ( 6:00)
9	28.51	30.30 (16:15)	26.11 ( 9:00)	29.11	31.07 (16:15)	26.31 (24:00)	29.55	31.88 (16:15)	26.37 (24:00)	30.39	33.85 (13:15)	26.07 (24:00)
10	27.06	31.97 (15:30)	24.19 ( 6:00)	27.54	32.81 (15:30)	24.34 ( 6:15)	27.65	33.73 (15:45)	23.73 ( 5:15)	27.93	35.28 (15:45)	23.76 ( 5:45)
11	27.89	31.84 (16:15)	24.41 ( 6:45)	28.36	32.77 (16:15)	24.65 ( 6:15)	28.39	33.62 (16:15)	23.96 ( 6:30)	28.28	35.32 (15:00)	23.14 ( 6:15)
12	27.85	31.40 (14:45)	23.86 ( 6:15)	28.38	32.31 (14:45)	23.97 ( 6:15)	28.51	33.37 (14:45)	23.42 ( 6:15)	28.62	35.06 (14:30)	22.39 ( 6:15)
13	27.52	31.11 (16:30)	24.04 ( 6:45)	28.04	32.04 (15:00)	24.10 ( 6:15)	28.26	33.09 (15:00)	23.77 ( 6:15)	28.64	35.02 (15:00)	23.56 ( 6:00)
14	26.23	29.77 (13:30)	24.91 (24:00)	26.81	30.66 (13:30)	25.16 ( 5:15)	26.93	31.74 (13:30)	25.01 ( 5:45)	27.15	33.43 (13:30)	24.91 (24:00)
15	25.52	28.47 (15:45)	23.12 ( 8:00)	26.04	29.09 (14:00)	23.67 ( 8:00)	26.03	30.02 (14:00)	23.23 ( 6:30)	26.31	31.59 (14:00)	23.53 ( 7:00)
16	23.79	24.84 ( 0:15)	22.62 (23:30)	24.31	25.73 (12:30)	23.08 (23:15)	24.19	26.59 (12:30)	22.80 (21:30)	24.41	27.95 (12:30)	23.12 ( 6:15)
17	26.04	29.21 (17:00)	22.85 ( 0:15)	26.53	29.74 (17:00)	23.22 ( 0:15)	26.50	30.09 (17:00)	22.23 ( 1:15)	26.70	30.87 (15:45)	22.82 ( 1:45)
18	23.57	25.46 ( 0:15)	21.52 (22:45)	24.10	25.85 ( 2:45)	21.96 (24:00)	24.01	27.11 ( 5:45)	20.71 (20:30)	23.94	25.34 ( 0:15)	21.71 (23:00)
19	21.68	23.36 (18:30)	19.56 (12:30)	22.19	23.81 (18:00)	20.37 (12:30)	21.83	23.96 (15:30)	19.29 ( 4:15)	21.91	24.32 (15:30)	20.50 (10:15)
20	21.10	22.51 (16:00)	19.84 (24:00)	21.74	23.45 (16:00)	20.18 (24:00)	21.63	23.78 (16:00)	19.96 (23:30)	21.74	24.56 (15:15)	19.45 (24:00)
21	21.75	23.90 (17:00)	19.81 ( 0:15)	22.38	24.70 (17:00)	20.16 ( 5:30)	22.29	25.09 (16:15)	19.31 ( 5:30)	22.37	26.12 (16:15)	19.54 ( 0:15)
22	20.78	22.03 ( 0:45)	19.59 (12:15)	21.35	22.54 ( 0:30)	20.15 (24:00)	21.06	22.36 ( 0:30)	19.57 (24:00)	20.97	22.23 (15:15)	19.60 (24:00)
23	20.88	23.20 (16:00)	18.63 ( 6:30)	21.48	23.98 (16:00)	19.15 ( 4:45)	21.24	24.12 (15:45)	18.47 ( 5:30)	21.36	24.48 (16:00)	18.94 ( 6:30)
24	23.19	26.27 (17:00)	20.46 ( 5:30)	23.73	26.99 (17:00)	20.92 ( 7:00)	23.64	27.55 (16:15)	20.12 ( 0:45)	23.83	29.39 (16:45)	20.11 ( 0:45)
25	23.61	26.50 (14:15)	21.21 ( 7:00)	24.03	27.38 (13:45)	21.25 ( 5:00)	23.79	27.82 (13:45)	19.64 ( 5:00)	23.71	28.50 (13:00)	20.59 ( 4:30)
26	22.17	22.96 (18:00)	20.59 (24:00)	22.74	23.67 (18:00)	20.94 (24:00)	22.55	23.56 (17:45)	20.40 (24:00)	22.65	23.91 (12:15)	20.69 (24:00)
27	23.32	26.05 (15:45)	20.22 ( 1:00)	23.89	26.86 (15:45)	20.66 ( 1:00)	23.73	27.17 (15:30)	20.08 ( 2:15)	23.76	28.04 (15:00)	20.38 ( 2:15)
28	23.82	26.64 (15:00)	21.09 ( 7:00)	24.46	27.42 (14:30)	21.69 ( 7:00)	24.47	27.95 (13:30)	21.43 ( 5:15)	24.50	29.03 (13:30)	20.95 ( 5:45)
29	25.08	29.43 (17:15)	20.68 ( 6:30)	25.63	30.21 (17:15)	20.72 ( 6:00)	25.68	30.80 (15:30)	19.33 ( 6:00)	25.75	32.37 (16:30)	18.64 ( 5:45)
30	24.78	27.78 (16:30)	22.31 ( 8:00)	25.37	28.65 (16:30)	22.92 ( 8:00)	25.43	29.22 (16:30)	22.65 ( 6:45)	25.52	29.67 (16:30)	22.96 ( 6:30)
31	23.70	26.87 (15:45)	19.66 ( 7:30)	24.12	27.65 (15:45)	19.97 ( 7:30)	23.97	28.13 (15:45)	19.11 ( 7:15)	23.81	29.58 (13:15)	17.97 ( 6:30)
월	24.96	31.97 ( 8/10)	18.63 ( 8/23)	25.50	32.81 ( 8/10)	19.15 ( 8/23)	25.51	33.73 ( 8/10)	18.47 ( 8/23)	25.69	35.32 ( 8/11)	17.97 ( 8/31)

표 5. 계속 (Continued: 2004년 9월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	23.65	27.28 (15:30)	21.09 (23:00)	23.92	28.02 (15:30)	20.15 (24:00)	23.47	28.37 (15:30)	18.55 (24:00)	22.95	29.07 (15:30)	17.21 (24:00)
2	22.60	27.45 (15:00)	18.11 ( 5:45)	22.79	28.24 (15:00)	17.84 ( 5:45)	22.31	28.65 (15:45)	16.23 ( 6:30)	21.97	29.72 (15:00)	15.42 ( 6:30)
3	22.51	27.16 (15:00)	17.81 ( 4:45)	22.70	27.93 (14:15)	17.30 ( 7:00)	22.16	28.54 (13:45)	15.94 ( 5:30)	22.00	30.06 (14:00)	15.52 ( 5:45)
4	23.26	27.98 (16:00)	19.29 ( 4:30)	23.51	28.87 (14:15)	19.40 ( 4:30)	23.19	29.27 (14:15)	18.79 ( 6:00)	23.06	30.46 (15:15)	18.76 ( 1:15)
5	23.56	27.05 (14:45)	20.37 ( 6:15)	24.04	27.93 (14:45)	20.23 ( 6:15)	23.70	28.35 (14:45)	18.89 ( 6:15)	23.50	29.22 (14:00)	17.99 ( 6:30)
6	21.38	24.10 (15:15)	18.61 ( 7:00)	22.04	25.02 (15:15)	19.09 ( 5:15)	21.90	25.35 (15:15)	18.62 ( 5:15)	22.15	26.01 (15:15)	19.01 ( 5:15)
7	20.33	22.07 ( 4:30)	18.89 (22:30)	20.90	22.62 ( 0:15)	19.10 (22:30)	20.66	22.66 ( 0:15)	18.13 (22:45)	20.77	22.54 (10:45)	18.45 (22:15)
8	21.06	24.11 (18:15)	18.16 ( 6:00)	21.54	24.88 (15:30)	18.48 ( 5:45)	21.21	25.32 (15:45)	17.68 ( 5:45)	21.10	26.78 (15:45)	17.41 ( 6:30)
9	21.13	24.90 (18:15)	17.89 ( 5:45)	21.38	25.53 (17:30)	18.00 ( 6:00)	20.89	25.88 (16:45)	16.80 ( 6:00)	20.68	27.40 (14:00)	17.12 (24:00)
10	20.31	23.94 (15:45)	16.42 ( 6:15)	20.67	24.65 (15:45)	16.33 ( 6:30)	20.31	24.55 (15:30)	15.18 ( 5:00)	20.10	25.21 (12:15)	15.24 ( 5:00)
11	18.69	19.76 (23:45)	17.58 ( 5:30)	19.15	20.32 (24:00)	17.94 ( 5:30)	18.61	20.05 (24:00)	17.13 ( 4:30)	18.51	19.75 (24:00)	17.67 ( 5:45)
12	22.45	24.64 (17:00)	19.70 ( 2:00)	23.00	25.27 (17:00)	20.28 ( 2:15)	22.82	25.19 (16:45)	19.91 ( 2:15)	22.67	25.16 (16:45)	19.76 ( 1:45)
13	22.00	23.46 ( 0:15)	19.77 (23:45)	22.47	24.05 (16:00)	19.62 (23:30)	22.17	24.19 (16:00)	18.27 (23:30)	22.16	24.50 (16:00)	18.45 (24:00)
14	21.39	25.53 (14:15)	17.14 ( 7:15)	22.04	26.47 (14:15)	17.50 ( 7:15)	21.94	26.95 (14:15)	15.52 ( 8:30)	22.28	27.75 (14:30)	17.60 ( 7:30)
15	23.03	25.97 (15:15)	20.87 ( 6:15)	23.71	26.84 (15:15)	21.35 ( 6:30)	23.76	27.31 (15:15)	21.03 ( 7:15)	23.92	28.51 (15:00)	20.93 ( 7:15)
16	22.89	26.15 (16:30)	20.26 ( 8:45)	23.31	27.04 (16:30)	20.61 ( 9:00)	23.12	27.45 (16:15)	19.89 ( 9:00)	23.05	28.17 (16:15)	20.65 ( 9:00)
17	23.36	27.43 (15:00)	21.00 ( 4:30)	23.86	28.15 (15:15)	21.12 ( 1:45)	23.82	28.72 (15:30)	18.80 ( 1:45)	24.07	29.72 (15:30)	20.70 ( 2:45)
18	21.64	23.78 (17:15)	19.22 (24:00)	22.17	24.38 (17:15)	19.34 (24:00)	21.95	24.51 (17:15)	18.49 (24:00)	22.10	25.01 (13:00)	17.99 (24:00)
19	19.76	23.34 (14:45)	15.21 ( 7:45)	20.00	24.15 (14:30)	15.39 ( 7:00)	19.45	24.63 (14:30)	14.08 ( 6:15)	19.17	26.03 (14:45)	13.76 ( 6:45)
20	16.35	18.74 ( 0:45)	13.96 (18:15)	16.75	18.93 ( 0:15)	14.51 (20:30)	16.15	18.49 (13:00)	13.70 (18:30)	16.22	18.83 (13:00)	14.05 (18:30)
21	16.49	19.97 (14:00)	14.00 ( 8:15)	16.87	20.90 (14:00)	14.35 ( 7:30)	16.36	21.31 (14:00)	12.88 ( 7:30)	16.38	22.57 (14:00)	12.95 (24:00)
22	17.29	22.30 (16:45)	13.01 ( 5:00)	17.57	22.88 (16:45)	12.93 ( 5:00)	17.04	23.14 (16:30)	11.99 ( 4:15)	16.95	24.28 (16:15)	11.70 ( 4:45)
23	19.42	22.60 (15:00)	17.34 ( 7:15)	19.84	23.39 (14:45)	17.50 ( 6:00)	19.32	23.70 (14:45)	16.74 ( 2:30)	18.81	24.80 (15:00)	15.52 ( 6:30)
24	20.20	24.51 (16:30)	15.92 ( 7:45)	20.44	25.28 (16:30)	16.05 ( 7:30)	19.82	25.50 (15:45)	14.11 ( 6:15)	19.47	26.59 (14:30)	14.66 ( 6:45)
25	20.03	22.56 (16:30)	17.27 ( 6:30)	20.46	23.35 (16:30)	16.79 ( 6:15)	19.99	23.46 (15:45)	15.44 ( 5:45)	19.51	24.30 (13:45)	14.32 ( 6:45)
26	18.87	20.16 (12:00)	17.83 ( 5:45)	19.27	21.00 (11:45)	17.82 ( 5:45)	18.70	21.17 (11:45)	16.78 (21:45)	18.65	21.90 (11:45)	16.49 ( 6:00)
27	19.96	23.98 (16:30)	16.11 ( 7:45)	20.41	24.75 (16:30)	16.16 ( 7:30)	20.02	25.22 (15:15)	15.16 ( 7:30)	20.00	26.84 (15:15)	15.02 ( 7:00)
28	19.89	23.50 (14:00)	16.75 ( 5:30)	20.37	24.32 (14:00)	16.89 ( 6:00)	20.07	24.53 (14:00)	15.38 ( 6:00)	20.09	24.93 (14:00)	15.75 ( 3:45)
29	20.94	24.27 (16:30)	18.24 (24:00)	21.31	25.03 (16:15)	17.91 ( 7:30)	20.91	25.36 (15:00)	16.34 ( 7:30)	20.74	26.56 (15:00)	15.89 ( 7:30)
30	19.89	25.52 (16:00)	14.53 ( 7:45)	20.18	26.49 (16:00)	14.79 ( 6:15)	19.70	26.64 (16:00)	13.66 ( 7:00)	19.44	27.19 (14:30)	13.60 ( 5:45)
월	20.81	27.98 ( 9/ 4)	13.01 ( 9/22)	21.22	28.87 ( 9/ 4)	12.93 ( 9/22)	20.85	29.27 ( 9/ 4)	11.99 ( 9/22)	20.75	30.46 ( 9/ 4)	11.70 ( 9/22)

표 5. 계속 (Continued: 2004년 10월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	17.82	21.68 (13:15)	11.79 (24:00)	18.18	22.57 (11:30)	12.11 (24:00)	17.61	23.16 (11:30)	11.13 (24:00)	17.51	24.73 (11:30)	10.29 (24:00)
2	12.23	15.12 (15:30)	9.99 (23:30)	12.57	15.85 (15:15)	9.66 (24:00)	11.60	15.84 (14:45)	7.79 ( 6:15)	11.16	17.29 (14:30)	6.17 ( 6:30)
3	12.06	17.06 (16:15)	6.85 ( 7:15)	12.11	17.77 (16:15)	6.32 ( 6:30)	11.10	17.64 (15:30)	4.14 ( 6:30)	10.83	18.84 (14:30)	4.04 ( 7:00)
4	14.35	19.73 (15:30)	8.95 ( 5:15)	14.38	20.53 (15:30)	8.55 ( 5:30)	13.40	20.62 (15:15)	7.22 ( 6:15)	13.13	21.88 (14:30)	6.57 ( 5:30)
5	15.68	20.11 (14:45)	10.23 ( 8:00)	15.62	20.98 (14:45)	10.13 ( 7:45)	14.88	21.38 (14:45)	8.97 ( 7:00)	14.52	23.31 (14:30)	8.20 ( 7:00)
6	16.53	21.58 (16:30)	12.17 ( 4:30)	16.54	22.30 (15:30)	11.88 ( 4:15)	15.72	22.55 (15:30)	10.39 ( 4:00)	15.44	23.67 (13:30)	9.77 ( 4:00)
7	16.92	20.62 (15:45)	12.66 ( 8:00)	17.04	21.35 (15:45)	12.42 ( 7:00)	16.31	21.46 (15:45)	10.69 ( 7:00)	16.09	22.15 (15:30)	10.89 ( 6:45)
8	18.33	23.07 (15:15)	14.13 ( 8:15)	18.53	23.89 (15:30)	14.47 ( 8:15)	17.88	24.17 (14:45)	13.70 ( 7:15)	17.56	25.08 (14:45)	13.71 ( 7:15)
9	17.67	21.08 (16:45)	14.69 ( 7:15)	17.93	21.73 (16:45)	14.29 ( 6:45)	17.12	22.10 (14:15)	12.92 ( 5:45)	16.69	23.50 (14:15)	12.76 ( 6:45)
10	18.36	22.14 (15:45)	15.02 ( 7:15)	18.59	22.98 (15:45)	14.27 ( 7:30)	17.74	22.99 (15:45)	12.91 ( 7:00)	17.31	24.16 (14:00)	12.46 ( 7:00)
11	17.35	21.82 (15:30)	13.15 ( 8:15)	17.51	22.63 (14:30)	12.68 ( 6:15)	16.78	23.00 (14:30)	11.39 ( 7:00)	16.40	24.21 (13:30)	10.81 ( 6:45)
12	15.87	17.80 (12:30)	12.91 (24:00)	16.29	18.85 (12:30)	11.50 (24:00)	15.51	19.06 (12:30)	9.65 (24:00)	14.99	20.92 (12:30)	8.59 (24:00)
13	12.91	17.37 (14:30)	8.22 ( 7:30)	12.96	18.15 (14:30)	7.27 ( 7:30)	11.97	18.34 (14:15)	5.63 ( 6:30)	11.52	19.88 (14:15)	4.42 ( 6:45)
14	10.36	13.14 (15:30)	7.44 ( 8:00)	10.64	13.85 (16:00)	7.11 ( 7:15)	9.63	13.57 (15:00)	5.25 ( 7:30)	9.34	14.99 (14:00)	4.84 ( 7:15)
15	12.49	18.44 (16:00)	6.28 ( 6:30)	12.57	19.24 (16:00)	5.39 ( 5:45)	11.68	19.24 (16:00)	3.90 ( 6:30)	11.40	20.25 (15:00)	3.03 ( 6:30)
16	15.05	21.48 (17:00)	9.51 ( 7:00)	15.39	22.08 (17:00)	9.26 ( 6:45)	14.75	21.89 (16:15)	8.02 ( 7:00)	14.60	22.21 (14:30)	7.41 ( 6:45)
17	15.34	18.11 (16:15)	12.05 ( 7:00)	15.81	18.87 (15:30)	11.68 ( 7:00)	15.10	18.88 (15:00)	9.81 ( 7:00)	14.75	19.63 (13:45)	8.18 ( 7:15)
18	16.09	18.74 (16:00)	14.33 ( 3:00)	16.50	19.58 (16:00)	14.33 ( 3:45)	15.74	19.47 (16:00)	12.79 ( 6:30)	15.48	20.18 (14:45)	12.11 ( 7:15)
19	15.58	20.26 (15:30)	11.11 ( 7:15)	16.06	21.02 (15:30)	11.40 ( 7:00)	15.48	21.14 (14:30)	9.29 ( 6:30)	15.39	22.30 (14:30)	10.87 ( 3:45)
20	16.83	21.48 (15:45)	13.18 ( 6:45)	17.11	22.29 (15:30)	13.51 ( 6:45)	16.42	22.32 (15:00)	12.05 (24:00)	16.07	22.88 (13:30)	10.90 (24:00)
21	15.25	21.06 (15:45)	9.12 ( 7:15)	15.54	21.85 (15:45)	8.66 ( 7:45)	14.94	22.12 (14:45)	7.03 ( 8:00)	14.85	23.09 (14:15)	7.33 ( 6:45)
22	13.13	15.37 (14:45)	10.26 (24:00)	13.57	16.14 (14:45)	10.06 (24:00)	12.74	16.12 (14:45)	7.92 (23:45)	12.50	17.59 (14:15)	6.71 (24:00)
23	11.91	16.48 (16:30)	6.62 ( 8:00)	11.76	17.24 (16:00)	6.27 ( 8:00)	10.54	16.95 (15:30)	4.69 ( 5:00)	9.92	18.15 (14:15)	3.57 ( 5:15)
24	13.97	18.59 (15:00)	9.50 ( 7:30)	14.25	19.43 (15:00)	8.94 ( 7:45)	13.42	19.89 (15:00)	7.26 ( 7:00)	12.97	21.28 (14:00)	6.25 ( 7:00)
25	13.32	16.18 (18:00)	9.58 ( 7:45)	13.50	16.62 (16:15)	9.45 ( 6:45)	12.56	16.31 (16:00)	7.83 ( 6:45)	12.22	16.92 (15:45)	7.10 ( 6:45)
26	12.37	15.14 (14:00)	7.80 (24:00)	12.74	15.96 (14:00)	7.24 (24:00)	11.95	16.05 (13:45)	4.87 (24:00)	11.81	17.64 (13:30)	4.20 (24:00)
27	9.97	15.89 (15:30)	3.54 ( 7:45)	10.02	16.75 (15:30)	3.51 ( 7:45)	8.89	16.83 (15:30)	1.90 ( 7:15)	8.38	18.23 (13:45)	0.82 ( 7:15)
28	11.77	16.55 (15:15)	7.03 ( 6:30)	11.80	17.52 (15:15)	6.18 ( 6:30)	10.72	17.61 (15:15)	4.33 ( 6:45)	10.24	18.49 (15:00)	3.62 ( 6:45)
29	13.63	18.70 (15:30)	9.34 ( 5:15)	14.02	19.63 (15:00)	9.45 ( 4:45)	13.32	19.95 (14:00)	7.66 ( 3:30)	13.22	21.60 (13:30)	7.91 ( 2:30)
30	15.31	20.72 (15:15)	10.75 ( 8:30)	15.56	21.62 (15:15)	10.97 ( 7:00)	14.84	21.93 (15:15)	9.12 ( 7:45)	14.54	22.74 (14:00)	9.01 ( 7:15)
31	15.50	21.24 (16:00)	10.06 ( 8:30)	15.37	22.15 (15:45)	9.09 ( 8:30)	14.44	22.40 (15:15)	7.84 ( 7:30)	13.85	23.36 (14:15)	7.38 ( 7:30)
월	14.65	23.07 (10/ 8)	3.54 (10/27)	14.85	23.89 (10/ 8)	3.51 (10/27)	14.03	24.17 (10/ 8)	1.90 (10/27)	13.70	25.08 (10/ 8)	0.82 (10/27)

표 5. 계속 (Continued: 2004년 11월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	13.82	18.82 (14:30)	9.27 ( 7:30)	14.02	19.70 (14:15)	9.23 ( 7:15)	13.23	19.94 (13:30)	7.91 ( 7:15)	13.18	21.16 (13:30)	7.14 ( 7:15)
2	11.56	13.87 ( 0:30)	9.38 (24:00)	12.15	14.58 ( 0:30)	10.00 (23:30)	11.34	13.42 ( 0:45)	9.02 (23:15)	11.49	14.05 (14:30)	8.82 (23:45)
3	10.57	12.85 (17:15)	8.59 ( 8:45)	11.14	13.58 (17:15)	9.25 ( 8:30)	10.37	13.24 (14:30)	7.82 (23:30)	10.52	13.95 (13:15)	7.41 (24:00)
4	11.92	15.41 (16:00)	9.13 ( 5:15)	12.24	16.19 (16:00)	9.35 ( 0:30)	11.22	16.05 (15:30)	7.62 ( 1:15)	11.01	16.84 (14:15)	7.06 ( 1:00)
5	11.69	16.08 (15:15)	7.22 ( 7:30)	11.89	16.88 (15:15)	6.91 ( 8:30)	10.94	16.65 (15:15)	4.99 ( 6:45)	10.54	16.84 (15:15)	4.71 ( 7:15)
6	10.07	14.83 ( 0:45)	6.32 (23:45)	10.63	15.36 ( 0:45)	6.28 (24:00)	9.86	14.69 ( 1:00)	4.33 (23:45)	9.88	14.12 ( 1:15)	2.99 (24:00)
7	10.36	16.91 (15:00)	3.73 ( 7:30)	10.41	17.92 (14:45)	3.30 ( 6:45)	9.22	18.06 (14:45)	1.60 ( 7:30)	8.69	19.04 (14:30)	0.72 ( 7:00)
8	13.13	18.99 (15:15)	8.54 ( 8:00)	13.07	19.97 (15:15)	7.40 ( 8:15)	12.03	20.15 (15:15)	4.89 ( 6:30)	11.53	21.02 (14:30)	5.12 ( 7:15)
9	14.97	21.36 (16:00)	8.71 ( 8:30)	15.30	22.32 (15:45)	8.15 ( 7:45)	14.47	22.35 (15:45)	6.83 ( 7:45)	13.65	22.67 (14:15)	6.24 ( 7:00)
10	16.12	17.06 ( 0:30)	15.14 ( 6:45)	16.60	17.86 (11:30)	15.31 ( 7:00)	15.85	17.62 (11:30)	14.53 ( 7:15)	15.35	17.69 (11:45)	13.66 ( 1:45)
11	13.97	15.96 ( 0:15)	10.30 (24:00)	14.72	16.58 ( 2:00)	10.81 (24:00)	14.14	16.55 ( 1:45)	9.90 (24:00)	14.22	15.90 ( 2:00)	9.38 (22:45)
12	6.91	10.33 ( 1:00)	2.17 (24:00)	7.49	11.03 ( 1:00)	2.34 (23:45)	6.46	10.25 ( 0:45)	0.24 (23:45)	6.29	9.93 ( 1:00)	-1.00 (24:00)
13	2.50	4.97 (21:45)	-0.87 ( 8:00)	3.21	5.84 (16:15)	-0.75 ( 7:30)	2.06	5.07 (15:45)	-2.40 ( 6:00)	1.87	5.56 (15:15)	-2.94 ( 6:15)
14	6.54	10.95 (16:15)	2.40 ( 7:30)	7.38	12.19 (15:30)	3.22 ( 5:45)	6.38	11.91 (15:30)	1.69 ( 4:15)	6.18	12.72 (14:30)	1.20 ( 4:30)
15	7.09	7.09 ( 0:15)	7.09 ( 0:15)	6.25	8.75 ( 6:00)	2.99 (24:00)	5.14	7.89 (13:45)	0.88 (23:30)	4.97	9.10 (13:45)	-0.04 (24:00)
16	—	— ( : )	— ( : )	7.16	12.23 (15:00)	2.17 ( 3:15)	6.08	11.98 (15:00)	0.09 ( 2:00)	5.70	12.53 (15:15)	-0.68 ( 2:00)
17	11.50	13.08 (17:45)	9.93 (23:30)	7.85	12.91 (17:45)	4.08 ( 8:00)	6.34	11.93 (17:30)	2.49 ( 7:45)	5.33	11.14 (17:30)	1.38 ( 7:45)
18	10.40	14.42 (15:15)	5.65 ( 8:15)	10.29	15.09 (15:15)	5.71 ( 8:15)	9.35	15.15 (15:15)	3.92 ( 7:00)	8.07	16.27 (14:30)	3.74 ( 7:15)
19	9.06	12.93 (16:00)	4.36 ( 8:30)	8.89	13.50 (16:00)	3.17 ( 8:00)	8.00	13.36 (15:15)	2.54 ( 8:45)	7.75	13.94 (14:30)	2.85 ( 8:00)
20	7.76	11.13 (14:15)	4.58 ( 9:45)	7.58	11.87 (13:15)	2.70 ( 8:45)	6.55	11.88 (13:15)	1.24 ( 9:00)	6.24	12.18 (13:15)	1.73 ( 7:45)
21	6.85	10.91 (16:15)	2.78 ( 6:15)	6.81	11.51 (16:15)	2.37 ( 6:15)	5.71	11.26 (16:15)	0.71 ( 7:30)	5.09	12.52 (14:00)	-0.62 ( 7:30)
22	6.95	11.59 (15:30)	2.06 ( 9:00)	6.74	12.48 (15:30)	1.42 ( 8:00)	5.61	12.52 (15:30)	-1.07 ( 8:00)	5.05	13.26 (14:00)	-1.09 ( 7:30)
23	7.66	12.12 (16:15)	2.79 ( 9:00)	7.39	12.74 (15:45)	1.70 ( 6:45)	6.52	12.54 (15:45)	-0.16 ( 7:15)	5.77	12.98 (14:30)	-0.41 ( 7:45)
24	8.23	13.58 (15:30)	2.92 ( 7:30)	8.00	14.25 (15:30)	2.43 ( 6:45)	7.14	14.19 (15:30)	1.02 ( 8:00)	6.62	14.35 (14:30)	1.26 ( 7:00)
25	9.74	15.26 (16:15)	3.62 ( 8:15)	9.59	15.87 (16:15)	3.45 ( 7:15)	8.79	15.90 (14:45)	2.33 ( 7:15)	8.20	16.33 (14:45)	2.62 ( 5:30)
26	6.95	11.80 ( 0:15)	2.52 (14:45)	7.10	11.47 ( 0:15)	2.90 (14:45)	6.11	9.83 ( 0:15)	2.09 (14:45)	6.08	9.27 ( 7:45)	2.75 (14:45)
27	7.64	9.88 (15:15)	5.69 (24:00)	7.87	10.67 (15:15)	5.42 (24:00)	6.97	10.53 (15:15)	3.22 (24:00)	6.28	11.08 (15:15)	1.92 (24:00)
28	6.81	10.72 (15:45)	2.94 ( 8:15)	6.89	11.36 (15:45)	2.07 ( 7:30)	5.85	11.17 (15:45)	-0.70 ( 7:45)	5.58	12.09 (14:45)	-0.76 ( 7:45)
29	6.46	9.48 (15:30)	2.53 ( 9:15)	6.26	10.08 (15:30)	1.12 ( 8:15)	5.14	9.92 (13:30)	-1.02 ( 8:00)	4.53	10.77 (13:45)	-1.21 ( 8:00)
30	5.15	8.09 (16:15)	1.27 ( 6:15)	5.04	8.67 (15:30)	0.99 ( 8:30)	3.84	8.28 (15:30)	-0.64 ( 5:45)	3.17	8.77 (15:30)	-1.80 ( 7:30)
월	9.43	21.36 (11/ 9)	-0.87 (11/13)	9.35	22.32 (11/ 9)	-0.75 (11/13)	8.38	22.35 (11/ 9)	-2.40 (11/13)	7.99	22.67 (11/ 9)	-2.94 (11/13)

표 5. 계속 (Continued: 2004년 12월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	4.65	8.21 (14:30)	0.79 ( 7:30)	4.60	8.84 (14:30)	0.48 ( 6:30)	3.60	8.57 (14:30)	-0.93 ( 6:15)	2.97	8.99 (14:30)	-1.86 ( 6:45)
2	8.08	13.87 (15:15)	1.14 ( 7:00)	7.87	14.65 (15:15)	-0.27 ( 8:45)	6.86	14.63 (15:00)	-2.09 ( 7:30)	6.09	15.54 (13:30)	-2.07 ( 8:00)
3	11.01	15.37 (15:30)	6.11 ( 8:30)	10.75	16.00 (15:00)	4.95 ( 9:00)	9.81	16.47 (14:15)	2.20 ( 7:00)	9.25	17.72 (14:15)	1.75 ( 8:15)
4	11.15	15.65 (18:30)	8.70 (24:00)	10.81	12.68 (16:30)	8.81 (24:00)	10.31	15.89 (18:30)	7.44 (18:00)	10.22	11.78 (14:45)	8.33 (24:00)
5	4.26	8.63 ( 0:15)	1.77 (24:00)	4.63	8.72 ( 0:15)	1.78 (24:00)	3.72	7.97 ( 0:15)	-0.48 (22:15)	3.68	8.10 ( 0:15)	-1.76 (22:45)
6	3.52	7.44 (22:45)	-1.25 ( 6:45)	3.70	7.91 (15:15)	-1.44 ( 7:00)	2.72	7.59 (15:15)	-2.97 ( 7:00)	2.51	9.07 (14:30)	-3.89 ( 6:00)
7	5.89	7.60 ( 1:00)	2.83 (24:00)	6.08	8.02 (15:45)	2.62 (23:45)	5.01	7.65 (15:15)	0.52 (23:45)	4.37	8.84 (14:15)	-0.82 (24:00)
8	5.70	10.08 (15:30)	1.70 ( 8:15)	5.65	10.71 (15:30)	0.74 ( 5:45)	4.41	10.45 (14:15)	-1.18 ( 6:30)	3.83	11.67 (14:30)	-2.13 ( 6:30)
9	7.50	12.55 (16:00)	3.55 ( 8:00)	7.20	13.22 (16:00)	2.53 ( 7:15)	6.11	13.00 (16:00)	0.66 ( 7:45)	5.45	14.13 (14:30)	-0.36 ( 6:30)
10	7.97	11.32 (14:15)	3.98 (24:00)	7.98	11.98 (14:15)	4.30 (24:00)	6.94	11.82 (14:15)	2.89 (24:00)	5.93	12.42 (13:30)	0.96 (24:00)
11	4.43	9.44 (16:00)	-0.37 ( 6:45)	4.27	9.94 (15:45)	-1.13 ( 6:45)	3.07	9.69 (15:45)	-2.56 ( 6:45)	2.40	9.83 (14:45)	-3.49 ( 7:30)
12	7.56	11.22 (15:00)	4.13 ( 7:15)	7.51	11.88 (15:00)	3.76 ( 1:30)	6.62	11.87 (14:15)	2.50 ( 1:30)	6.13	12.98 (14:00)	1.83 ( 0:15)
13	3.41	6.44 (15:45)	0.09 ( 9:15)	3.50	6.97 (15:45)	-0.41 ( 8:45)	2.39	6.51 (15:45)	-1.65 ( 7:00)	1.77	6.73 (14:30)	-3.03 ( 8:15)
14	4.16	9.95 (15:45)	-1.27 ( 8:45)	3.94	10.52 (15:45)	-1.59 ( 7:00)	2.79	10.26 (15:30)	-3.35 ( 7:45)	2.15	10.77 (14:30)	-4.38 ( 7:00)
15	9.05	14.89 (16:15)	5.18 ( 0:45)	8.94	15.39 (16:15)	4.62 ( 0:30)	8.35	15.32 (15:00)	3.43 ( 0:30)	8.20	15.80 (15:00)	2.92 ( 0:15)
16	6.15	9.44 ( 1:00)	3.04 (23:30)	6.35	9.24 ( 1:00)	1.65 (24:00)	5.63	11.70 ( 1:00)	0.28 (24:00)	5.15	8.96 (13:45)	-0.67 (24:00)
17	3.88	8.64 (17:00)	-0.05 ( 8:15)	3.80	8.57 (13:45)	-0.54 ( 8:00)	2.74	8.48 (13:45)	-2.07 ( 6:45)	2.25	9.40 (13:45)	-2.90 ( 6:45)
18	4.96	7.85 (16:00)	2.68 (24:00)	5.23	8.58 (14:00)	1.84 (24:00)	4.33	8.50 (14:00)	0.44 (24:00)	4.15	9.48 (14:00)	-0.67 (24:00)
19	5.72	11.25 (15:45)	0.27 ( 3:15)	5.80	11.82 (15:45)	0.17 ( 3:00)	5.28	11.72 (15:00)	-1.91 ( 3:45)	4.84	12.51 (14:45)	-1.67 ( 2:45)
20	0.27	7.37 ( 1:00)	-3.32 (24:00)	0.64	7.42 ( 0:15)	-3.37 (23:30)	-0.33	6.86 ( 0:15)	-5.38 (23:30)	-0.18	6.64 ( 0:15)	-6.21 (24:00)
21	-2.39	1.46 (16:45)	-5.83 ( 7:30)	-2.13	1.88 (16:00)	-5.75 ( 8:00)	-3.25	1.26 (16:00)	-7.38 ( 7:15)	-3.50	1.88 (14:15)	-7.76 ( 7:15)
22	-1.40	1.58 (16:00)	-3.54 (24:00)	-1.08	2.07 (16:00)	-3.31 (24:00)	-2.13	1.35 (16:00)	-4.75 (24:00)	-2.30	2.02 (14:15)	-5.60 (24:00)
23	-3.44	-0.54 (16:45)	-6.47 ( 8:45)	-3.33	-0.11 (16:30)	-6.61 ( 6:45)	-4.61	-0.81 (15:45)	-8.84 ( 7:30)	-4.99	0.35 (14:00)	-9.79 ( 7:30)
24	-1.85	0.86 (20:45)	-4.76 ( 5:45)	-1.75	1.01 (22:45)	-4.91 ( 6:00)	-2.86	-0.02 (18:45)	-6.52 ( 3:30)	-3.11	0.11 (16:15)	-7.23 ( 3:30)
25	1.09	2.89 (15:15)	-0.90 ( 9:30)	1.51	3.46 (14:00)	-0.40 ( 9:30)	0.70	3.25 (14:00)	-1.57 ( 8:15)	0.77	4.13 (14:00)	-2.16 ( 8:30)
26	-0.78	1.83 (14:45)	-2.77 ( 8:30)	-0.42	2.48 (14:45)	-2.52 ( 8:30)	-1.40	2.04 (14:30)	-4.32 (23:00)	-1.43	3.52 (14:15)	-5.25 (23:30)
27	-2.01	1.12 (16:00)	-4.49 ( 9:00)	-1.85	1.64 (15:45)	-4.36 ( 9:00)	-3.09	1.03 (15:45)	-6.31 ( 8:30)	-3.62	2.16 (13:45)	-7.37 ( 8:30)
28	-3.75	-1.60 (16:00)	-6.06 ( 7:45)	-3.52	-1.13 (16:00)	-6.44 ( 7:45)	-4.77	-1.94 (16:00)	-8.38 ( 7:30)	-5.13	-1.39 (14:45)	-9.66 ( 7:30)
29	-4.14	-1.02 (16:00)	-6.69 ( 8:30)	-3.91	-0.49 (15:30)	-6.40 ( 8:30)	-5.24	-1.18 (15:30)	-7.66 ( 6:30)	-5.73	-0.73 (15:00)	-8.79 ( 6:45)
30	-3.45	-0.23 (16:30)	-6.66 ( 8:30)	-3.40	0.21 (16:00)	-6.87 ( 8:30)	-4.66	-0.42 (15:45)	-8.95 ( 5:30)	-4.91	-0.17 (15:00)	-9.73 ( 6:15)
31	-2.89	-0.74 (16:00)	-4.36 ( 8:45)	-2.53	-0.22 (15:15)	-4.47 ( 8:45)	-3.56	-0.70 (13:45)	-5.97 ( 8:30)	-3.61	0.36 (13:45)	-6.91 ( 8:15)
월	3.04	15.65 (12/ 4)	-6.69 (12/29)	3.12	16.00 (12/ 3)	-6.87 (12/30)	2.11	16.47 (12/ 3)	-8.95 (12/30)	1.73	17.72 (12/ 3)	-9.79 (12/23)

표 6. 상대습도의 월간 통계값 (Monthly statistics of relative humidity: 2004년 1월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	72.34	87.46 ( 8:45)	55.06 (17:45)	69.55	86.13 ( 8:30)	51.94 (17:45)	75.95	93.55 ( 8:30)	58.46 (17:45)	71.69	93.06 ( 9:00)	54.31 (13:45)
2	76.74	100.00 ( 7:45)	54.91 (17:00)	75.02	96.99 ( 7:45)	50.42 (13:45)	81.48	100.00 ( 6:00)	55.94 (13:45)	76.38	97.19 ( 9:45)	49.61 (13:45)
3	61.67	75.49 ( 0:15)	32.35 (16:45)	61.33	86.26 ( 9:15)	32.08 (16:45)	69.43	93.50 ( 7:15)	37.74 (16:45)	65.85	91.49 ( 9:30)	33.54 (17:00)
4	54.31	91.39 ( 9:30)	13.70 (13:45)	54.80	92.05 ( 9:30)	8.85 (13:45)	62.10	93.82 ( 6:45)	13.02 (13:45)	57.58	93.85 ( 9:30)	12.39 (13:45)
5	52.65	85.25 ( 9:00)	17.80 (16:15)	51.15	83.37 ( 9:00)	15.55 (16:15)	57.70	88.44 ( 8:45)	20.57 (16:15)	53.06	85.07 ( 9:30)	16.77 (16:30)
6	62.92	80.37 ( 5:00)	49.27 ( 0:15)	62.36	76.55 ( 5:00)	51.04 (13:30)	69.54	82.75 (24:00)	55.48 (11:45)	63.50	76.57 (23:15)	47.56 (13:15)
7	68.35	90.43 ( 7:45)	40.04 (17:15)	65.95	89.48 ( 8:00)	35.62 (16:15)	73.08	98.64 ( 8:45)	40.93 (16:15)	67.39	96.17 ( 9:15)	32.28 (16:15)
8	59.38	82.17 ( 9:45)	35.53 (15:30)	57.06	80.56 ( 8:15)	30.96 (15:30)	64.34	88.06 ( 9:00)	35.47 (15:30)	58.23	83.50 ( 9:30)	29.52 (16:45)
9	63.98	80.52 (24:00)	44.65 (15:15)	63.88	81.15 ( 7:30)	40.30 (15:15)	71.23	88.18 ( 7:45)	44.92 (15:30)	64.71	82.73 (24:00)	38.68 (15:45)
10	59.84	82.35 ( 3:45)	24.72 (14:30)	57.84	84.66 ( 5:45)	21.91 (14:30)	64.96	91.65 ( 5:45)	26.63 (14:30)	59.08	86.03 ( 6:15)	20.94 (14:30)
11	50.05	69.46 ( 9:45)	40.70 (17:30)	48.10	67.54 ( 9:45)	38.21 (16:15)	55.60	73.80 ( 9:45)	43.14 (16:15)	49.74	66.98 ( 9:45)	32.96 (16:15)
12	76.92	100.00 (18:15)	60.04 ( 0:15)	74.67	98.35 (18:45)	56.50 ( 0:15)	81.85	100.00 (18:00)	64.45 (14:15)	74.00	92.72 (19:00)	55.85 (12:15)
13	71.38	88.21 ( 8:15)	50.38 (16:45)	68.82	87.56 ( 0:30)	45.74 (16:45)	76.03	94.10 ( 0:30)	52.78 (16:45)	68.34	88.26 ( 4:45)	45.90 (16:45)
14	56.99	75.06 ( 4:00)	39.38 (17:45)	55.41	75.24 ( 1:15)	33.84 (18:00)	64.09	85.76 ( 1:45)	41.66 (17:15)	59.01	80.70 ( 2:00)	37.60 (14:15)
15	70.33	90.51 ( 9:00)	48.79 ( 0:45)	67.93	88.01 ( 8:45)	53.60 ( 0:30)	75.29	94.57 ( 8:45)	62.60 ( 0:30)	68.14	86.81 ( 9:00)	51.56 (15:00)
16	75.65	92.55 ( 8:30)	61.27 (15:45)	74.19	88.45 ( 9:00)	57.81 (15:30)	80.35	94.09 ( 4:30)	62.92 (15:30)	74.56	90.54 ( 9:30)	54.11 (13:45)
17	93.37	100.00 ( 6:15)	70.30 ( 0:15)	92.05	100.00 (11:45)	69.02 ( 0:15)	97.12	100.00 ( 3:15)	75.44 ( 0:15)	90.09	96.30 (23:15)	70.68 ( 0:15)
18	93.30	100.00 ( 3:30)	75.45 (13:15)	90.23	99.91 (10:30)	74.48 (13:30)	95.22	100.00 ( 0:15)	79.66 (13:30)	89.46	97.18 ( 7:00)	73.76 (13:30)
19	71.21	93.92 (10:00)	48.13 (20:30)	67.98	90.19 ( 9:15)	45.97 (20:30)	74.23	92.09 ( 9:15)	52.94 (17:30)	68.61	86.13 ( 9:45)	46.25 (16:00)
20	51.66	92.06 (22:45)	26.71 (15:00)	49.35	88.85 (22:45)	22.20 (15:00)	56.41	97.53 (22:45)	27.62 (15:00)	51.55	86.12 (23:00)	21.32 (15:00)
21	68.11	86.76 (20:30)	50.01 (12:45)	64.83	82.38 (20:30)	47.19 (13:00)	72.47	90.85 (21:30)	54.02 (13:00)	61.69	80.83 (22:45)	41.54 (13:00)
22	65.89	87.43 ( 7:45)	40.30 (13:30)	62.74	84.98 ( 7:45)	35.67 (13:30)	70.89	92.63 ( 7:30)	42.01 (13:15)	61.16	83.04 ( 6:30)	33.16 (13:30)
23	63.28	89.60 ( 4:45)	36.73 (23:30)	60.60	85.63 ( 4:45)	32.79 (20:30)	68.73	93.91 ( 7:00)	40.86 (20:30)	60.98	87.75 ( 9:00)	35.76 (18:00)
24	61.81	85.51 (24:00)	42.85 ( 0:30)	59.64	79.69 (24:00)	41.24 (15:45)	67.51	86.16 (23:45)	47.18 (15:45)	59.43	78.54 ( 8:30)	40.01 (16:00)
25	73.15	89.39 ( 0:45)	56.92 (16:15)	70.58	85.22 ( 1:45)	54.60 (16:15)	78.22	93.12 ( 1:30)	60.36 (16:15)	69.36	82.82 ( 2:00)	53.23 (16:15)
26	74.85	88.96 ( 6:15)	57.08 (12:30)	71.22	86.19 ( 8:30)	53.04 (13:30)	77.83	92.34 ( 4:30)	58.17 (13:45)	69.91	89.31 ( 8:45)	47.66 (13:45)
27	66.25	83.13 ( 1:00)	43.58 (11:30)	66.06	86.14 ( 7:30)	39.57 (11:30)	73.56	91.64 ( 2:00)	45.20 (11:30)	66.64	87.52 ( 8:45)	33.76 (12:00)
28	73.95	85.19 (23:45)	56.36 (16:30)	71.85	83.37 (24:00)	53.33 (16:30)	78.70	91.54 (23:45)	58.31 (16:30)	71.31	88.01 (23:45)	47.18 (15:15)
29	72.08	91.32 ( 3:00)	52.18 (16:15)	69.44	87.52 ( 3:15)	47.57 (16:15)	75.28	93.93 ( 2:45)	52.49 (16:15)	71.33	93.47 ( 4:30)	46.60 (16:15)
30	66.09	87.67 ( 8:45)	32.77 (15:00)	64.29	89.58 ( 9:15)	28.59 (16:15)	71.20	93.24 ( 8:00)	33.27 (15:30)	65.88	94.61 ( 9:30)	27.05 (15:30)
31	64.37	98.03 ( 8:45)	30.51 (16:15)	62.00	91.00 ( 9:00)	26.12 (16:15)	68.85	95.45 ( 8:00)	30.88 (16:15)	63.20	92.02 ( 9:00)	26.65 (16:15)
월	67.51	100.00 ( 1/ 2)	13.70 ( 1/ 4)	65.51	100.00 ( 1/17)	8.85 ( 1/ 4)	72.56	100.00 ( 1/ 2)	13.02 ( 1/ 4)	66.19	97.19 ( 1/ 2)	12.39 ( 1/ 4)

표 6. 계속 (Continued: 2004년 2월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	65.75	82.90 ( 4:15)	52.61 (14:45)	65.04	82.74 ( 4:00)	48.57 (14:45)	72.10	88.29 ( 4:00)	52.35 (14:45)	66.40	86.26 ( 8:30)	43.27 (14:45)
2	57.32	86.17 ( 4:45)	26.53 (14:00)	53.91	82.18 ( 4:45)	23.48 (14:00)	59.98	87.78 ( 3:30)	28.40 (14:00)	52.67	81.49 ( 5:15)	18.25 (14:00)
3	66.44	87.09 ( 1:45)	44.56 (12:00)	63.06	85.43 ( 1:45)	39.89 (12:00)	70.14	92.71 ( 2:00)	45.26 (12:00)	61.78	82.68 ( 8:15)	32.87 (12:45)
4	77.69	97.62 (21:15)	59.15 (14:15)	75.16	97.12 (21:30)	53.94 (13:45)	81.27	100.00 (20:15)	58.52 (14:15)	73.27	92.92 (21:30)	46.72 (12:45)
5	69.92	90.14 ( 2:00)	54.74 (13:30)	67.15	88.70 ( 2:15)	53.01 (11:45)	74.42	94.34 ( 2:15)	58.80 (11:45)	66.43	88.61 ( 2:15)	46.34 (12:00)
6	78.46	96.98 (21:15)	52.02 (12:45)	76.14	93.32 (21:15)	46.98 (12:45)	83.19	99.52 (21:15)	52.69 (12:45)	74.77	90.49 (21:15)	39.27 (12:30)
7	70.57	87.95 ( 1:15)	48.04 (10:45)	67.53	89.01 ( 1:15)	45.03 (14:15)	74.30	94.50 ( 1:15)	50.73 (14:15)	66.16	86.85 ( 1:30)	38.92 (13:45)
8	61.07	86.86 ( 0:45)	35.99 (16:30)	58.31	87.04 ( 0:45)	32.58 (16:30)	64.63	92.58 ( 1:00)	38.01 (16:30)	59.75	88.20 ( 1:45)	33.64 (16:45)
9	54.43	78.46 ( 8:00)	33.70 (13:15)	52.08	80.78 ( 8:15)	29.39 (17:30)	59.21	87.77 ( 8:00)	35.00 (16:45)	53.10	80.17 ( 8:15)	29.11 (14:30)
10	57.00	92.85 ( 8:30)	24.34 (14:15)	53.31	89.93 ( 8:45)	19.93 (14:15)	60.16	93.11 ( 8:45)	24.79 (14:15)	53.96	89.26 ( 8:45)	20.07 (14:45)
11	64.92	88.50 (22:45)	37.78 (16:00)	62.12	86.10 (23:45)	33.06 (16:00)	68.50	94.34 (24:00)	37.73 (16:00)	61.70	85.45 (23:15)	32.18 (16:15)
12	70.23	99.22 ( 9:15)	42.64 (15:30)	69.24	100.00 (10:45)	38.32 (15:30)	74.86	100.00 ( 5:00)	42.57 (15:30)	68.73	98.74 (10:15)	35.82 (15:30)
13	55.75	88.42 ( 8:15)	26.00 (13:45)	53.67	85.54 ( 8:30)	21.95 (14:00)	59.17	88.03 ( 8:30)	26.17 (14:00)	54.51	86.20 ( 8:45)	22.40 (14:00)
14	55.22	83.93 ( 4:30)	36.08 (16:00)	51.52	84.83 ( 4:30)	31.10 (16:00)	57.15	91.45 ( 4:30)	36.02 (16:00)	51.31	86.10 ( 4:30)	29.16 (16:15)
15	51.70	81.26 (24:00)	31.56 (14:00)	49.11	76.86 (24:00)	26.48 (14:00)	56.05	83.85 (24:00)	30.45 (14:00)	50.91	74.99 (24:00)	23.28 (14:00)
16	62.36	98.90 ( 5:45)	17.09 (15:15)	59.94	98.59 ( 8:45)	15.85 (15:30)	64.77	100.00 ( 3:00)	19.87 (15:30)	59.15	96.90 ( 9:15)	15.30 (15:15)
17	43.09	74.90 ( 8:30)	16.01 (18:00)	39.89	71.78 ( 8:00)	12.32 (17:15)	45.65	78.07 ( 8:00)	17.22 (17:15)	40.79	73.75 ( 8:00)	12.71 (16:15)
18	38.13	62.04 ( 5:00)	18.03 (14:15)	38.11	72.83 ( 8:00)	13.09 (14:30)	44.35	77.37 ( 8:00)	16.64 (14:30)	40.25	70.16 ( 8:30)	11.19 (14:45)
19	35.43	77.34 ( 8:00)	6.97 (18:00)	35.63	79.06 ( 8:00)	3.16 (17:00)	41.86	86.39 ( 8:00)	6.71 (17:00)	38.66	81.13 ( 8:15)	6.50 (17:00)
20	38.70	58.89 ( 8:15)	18.92 (14:00)	40.34	69.06 ( 5:15)	16.89 (14:15)	46.22	75.15 ( 5:15)	19.94 (14:15)	43.77	71.67 ( 5:30)	17.49 (13:45)
21	76.59	99.45 (24:00)	52.62 ( 0:45)	75.51	97.31 (24:00)	52.20 ( 0:15)	81.26	100.00 ( 6:45)	58.47 ( 0:15)	77.24	97.21 ( 9:45)	51.88 ( 0:30)
22	92.26	100.00 ( 5:00)	73.50 (24:00)	90.85	100.00 ( 6:00)	68.92 (24:00)	94.91	100.00 ( 0:15)	75.52 (24:00)	89.24	99.00 ( 2:00)	70.21 (24:00)
23	61.76	73.43 ( 0:45)	33.12 (15:45)	58.75	69.88 ( 7:30)	30.25 (16:00)	64.97	79.50 (24:00)	34.87 (16:00)	59.01	76.11 (23:45)	30.70 (16:00)
24	68.79	84.04 (22:30)	28.42 (12:30)	66.45	82.80 ( 6:00)	28.40 (12:30)	72.11	86.79 ( 7:45)	32.98 (12:30)	68.07	87.73 ( 7:00)	28.58 (12:30)
25	70.88	85.72 ( 3:15)	45.35 (22:15)	67.61	85.24 ( 6:00)	41.45 (22:15)	71.79	88.10 ( 6:45)	47.83 (22:15)	69.13	92.67 ( 7:45)	44.62 (22:15)
26	55.65	65.36 ( 3:45)	45.01 (20:00)	52.50	61.85 ( 4:15)	41.35 (17:00)	58.53	68.70 ( 4:15)	46.46 (17:00)	53.38	65.55 (24:00)	39.82 (17:15)
27	52.03	85.88 ( 2:30)	25.88 (14:00)	49.58	83.09 ( 2:45)	24.76 (14:15)	55.92	87.64 ( 2:45)	28.81 (14:15)	50.86	83.59 ( 4:30)	22.98 (14:15)
28	68.71	97.30 (24:00)	43.77 (11:30)	67.84	95.61 (24:00)	42.22 (12:00)	73.31	100.00 (24:00)	47.78 (11:45)	69.05	93.12 (24:00)	44.16 (11:45)
29	61.89	100.00 ( 1:00)	23.39 (13:30)	59.00	97.55 ( 2:15)	20.14 (13:30)	63.66	100.00 ( 0:15)	24.12 (13:30)	57.27	95.80 ( 1:00)	17.44 (13:30)
월	61.48	100.00 ( 2/22)	6.97 ( 2/19)	59.29	100.00 ( 2/12)	3.16 ( 2/19)	65.33	100.00 ( 2/ 4)	6.71 ( 2/19)	59.71	99.00 ( 2/22)	6.50 ( 2/19)

표 6. 계속 (Continued: 2004년 3월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	39.60	55.77 (24:00)	17.50 (16:00)	35.97	51.72 (24:00)	14.85 (16:00)	41.43	57.75 (24:00)	19.25 (16:00)	35.14	56.19 ( 7:30)	11.95 (15:30)
2	36.83	66.19 ( 1:30)	19.21 (15:30)	32.93	61.24 ( 1:45)	14.54 (15:30)	38.82	67.88 ( 1:45)	19.46 (15:30)	32.65	61.43 ( 2:00)	13.95 (15:30)
3	54.47	88.53 (12:15)	39.98 ( 9:15)	51.39	85.59 (12:15)	35.45 ( 9:15)	58.40	91.41 (12:15)	41.74 ( 9:15)	51.69	79.12 (12:15)	35.10 ( 9:45)
4	57.21	86.22 (21:45)	31.06 (11:00)	54.25	83.26 (21:45)	30.03 (11:00)	60.44	88.85 (21:45)	35.01 (11:00)	53.88	81.55 (22:00)	25.14 (11:00)
5	96.26	100.00 ( 3:00)	70.80 ( 0:45)	95.63	100.00 ( 5:45)	68.78 ( 0:45)	97.27	100.00 ( 2:15)	74.21 ( 0:45)	89.89	94.10 (12:45)	69.16 ( 1:15)
6	78.67	91.80 ( 7:15)	67.15 (12:00)	77.57	89.63 ( 7:00)	63.11 (16:15)	83.79	91.25 ( 7:00)	71.06 (16:15)	75.97	88.17 ( 6:15)	58.75 (12:30)
7	72.65	76.76 ( 0:15)	67.38 ( 3:30)	71.67	73.74 ( 1:00)	69.46 ( 3:30)	82.63	84.13 ( 3:00)	81.15 ( 3:30)	78.18	82.12 ( 3:15)	73.16 ( 1:30)
8	79.62	94.75 ( 7:30)	67.37 (15:45)	78.88	92.72 ( 8:30)	64.40 (16:00)	83.39	93.69 ( 8:30)	69.85 (16:00)	79.45	92.16 (23:45)	59.91 (11:45)
9	69.22	92.43 ( 1:45)	48.10 (14:30)	69.87	91.84 ( 7:45)	43.88 (14:30)	76.15	97.41 ( 8:30)	47.49 (14:30)	75.22	97.10 ( 9:00)	42.19 (14:30)
10	69.32	85.35 (24:00)	57.02 ( 1:30)	70.84	87.89 ( 6:30)	57.69 ( 2:00)	78.17	92.28 ( 6:30)	65.84 (10:00)	77.87	94.55 ( 7:15)	64.35 (11:00)
11	35.02	85.02 ( 0:15)	17.35 (15:15)	32.60	82.09 ( 0:15)	13.22 (15:15)	38.62	84.02 ( 0:15)	18.14 (15:15)	36.96	79.06 ( 0:15)	15.26 (16:15)
12	31.88	64.13 ( 7:30)	15.16 (12:30)	31.92	68.30 ( 7:45)	11.51 (12:45)	37.37	73.29 ( 8:00)	15.54 (12:45)	34.41	68.14 ( 8:00)	13.01 (14:45)
13	48.02	83.79 (23:45)	19.72 (17:00)	46.45	82.26 (24:00)	16.48 (17:00)	52.90	86.77 (24:00)	20.41 (17:00)	49.12	81.15 (24:00)	19.08 (17:00)
14	84.80	100.00 ( 8:00)	51.59 (15:15)	81.29	100.00 ( 9:00)	49.96 (15:15)	84.04	99.88 ( 8:00)	53.55 (15:15)	80.44	98.79 ( 8:45)	47.42 (15:15)
15	68.04	100.00 ( 5:15)	25.23 (15:15)	66.19	100.00 ( 6:00)	24.09 (15:15)	69.73	100.00 ( 4:30)	27.20 (15:15)	67.23	99.83 (10:30)	22.59 (15:15)
16	46.03	70.16 (24:00)	23.41 (11:30)	46.08	66.69 (24:00)	19.90 (12:15)	51.83	78.74 ( 6:45)	22.23 (12:15)	51.27	75.51 ( 7:00)	22.34 (12:15)
17	78.00	99.59 ( 5:30)	55.14 (19:30)	75.20	97.11 ( 5:00)	51.70 (19:30)	80.25	100.00 ( 4:45)	57.53 (19:30)	74.29	98.79 ( 5:00)	51.31 (19:45)
18	44.63	60.04 ( 1:30)	27.08 (14:00)	41.09	56.37 ( 0:15)	25.31 (14:00)	46.81	62.71 ( 0:15)	29.52 (14:00)	42.58	59.66 ( 2:00)	23.88 (14:00)
19	47.98	76.83 ( 8:15)	21.42 (15:45)	45.57	75.80 ( 7:45)	16.34 (15:45)	51.79	81.40 ( 7:45)	20.36 (15:45)	48.03	77.01 ( 8:00)	16.77 (16:30)
20	42.99	69.32 ( 7:45)	22.47 (14:30)	40.80	68.15 ( 8:00)	16.94 (14:45)	46.24	73.72 ( 8:00)	20.33 (14:45)	42.37	72.37 ( 7:45)	17.63 (14:45)
21	37.24	61.50 ( 8:30)	10.28 (14:30)	36.01	65.24 ( 8:30)	8.87 (14:30)	41.03	70.51 ( 8:30)	11.98 (14:30)	38.30	65.27 ( 8:30)	10.59 (14:45)
22	65.25	100.00 ( 5:30)	38.91 (18:45)	62.92	98.67 ( 6:00)	35.00 (18:45)	67.81	100.00 ( 2:45)	39.63 (18:45)	62.78	95.83 ( 8:00)	34.76 (18:30)
23	46.46	79.98 ( 7:15)	22.25 (15:30)	44.08	79.55 ( 7:00)	19.54 (15:15)	49.50	85.86 ( 7:00)	22.67 (15:15)	46.34	83.09 ( 7:15)	20.66 (14:45)
24	53.70	75.39 ( 9:00)	33.69 (18:45)	50.08	71.76 (10:45)	29.70 (18:45)	55.64	75.77 (10:45)	35.96 (18:45)	52.11	69.29 ( 9:15)	32.64 (17:45)
25	55.08	78.43 ( 8:00)	22.70 (18:00)	53.41	75.64 ( 8:00)	20.99 (18:00)	59.06	81.25 ( 6:45)	25.25 (18:00)	54.80	75.31 ( 8:15)	25.10 (18:00)
26	46.24	84.36 ( 7:45)	22.66 (15:45)	45.25	86.31 ( 7:30)	17.28 (15:45)	50.53	91.06 ( 7:30)	20.61 (15:45)	47.63	86.71 ( 7:45)	18.03 (15:45)
27	44.89	78.33 ( 6:45)	23.24 (17:00)	43.46	78.10 ( 7:00)	18.76 (17:00)	48.80	82.96 ( 6:45)	22.49 (17:00)	45.98	78.43 ( 7:00)	21.54 (17:00)
28	43.92	80.05 ( 7:00)	14.11 (15:45)	42.35	80.63 ( 7:15)	10.53 (15:30)	46.62	85.67 ( 7:15)	13.27 (15:30)	44.17	79.08 ( 7:30)	11.94 (15:15)
29	59.83	75.36 ( 8:45)	44.42 (16:00)	58.37	75.26 ( 8:15)	41.26 (15:45)	63.06	79.82 ( 5:30)	43.94 (15:30)	59.79	76.96 ( 7:45)	41.02 (16:45)
30	48.50	89.26 ( 7:45)	15.68 (18:00)	45.13	90.24 ( 7:15)	14.75 (18:15)	49.64	95.61 ( 7:15)	19.05 (15:15)	46.10	94.68 ( 7:15)	14.92 (14:45)
31	40.32	66.50 (23:15)	23.42 (14:00)	38.19	64.59 (23:30)	18.51 (14:00)	43.93	71.20 (23:30)	21.80 (14:00)	40.35	67.92 (24:00)	16.49 (14:00)
월	55.09	100.00 ( 3/ 5)	10.28 ( 3/21)	53.22	100.00 ( 3/ 5)	8.87 ( 3/21)	58.56	100.00 ( 3/ 5)	11.98 ( 3/21)	54.68	99.83 ( 3/15)	10.59 ( 3/21)



표 6. 계속 (Continued: 2004년 4월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	62.27	98.06 (20:00)	19.06 (14:00)	60.78	95.87 (24:00)	17.78 (14:00)	66.81	100.00 (20:15)	21.23 (14:00)	62.96	95.19 (23:45)	19.87 (11:30)
2	70.30	100.00 ( 1:00)	46.75 (14:15)	67.39	98.62 ( 2:15)	42.65 (14:45)	72.44	100.00 ( 0:15)	46.45 (14:45)	67.22	95.41 ( 1:45)	42.14 (14:45)
3	61.20	81.17 ( 6:15)	37.93 (15:30)	58.03	81.70 ( 6:15)	33.09 (15:30)	63.53	89.75 ( 6:45)	37.05 (15:30)	57.90	85.16 ( 7:00)	28.95 (15:30)
4	53.54	87.74 ( 6:15)	16.25 (17:15)	50.69	86.15 ( 7:15)	11.57 (17:15)	56.33	93.25 ( 6:15)	15.65 (17:15)	52.75	92.44 ( 7:30)	12.88 (17:30)
5	40.91	70.00 ( 6:15)	14.20 (18:30)	37.56	72.22 ( 6:30)	9.91 (18:30)	43.05	80.03 ( 6:30)	14.36 (18:30)	40.22	75.97 ( 7:30)	13.18 (18:15)
6	48.86	84.28 (22:15)	18.74 (11:15)	47.55	82.02 (24:00)	14.62 (11:15)	53.06	86.49 (24:00)	18.75 (11:15)	48.02	76.69 (24:00)	16.04 (11:15)
7	58.08	97.55 ( 3:45)	22.04 (18:30)	54.54	94.23 ( 3:00)	20.10 (17:00)	58.33	99.28 ( 3:00)	23.88 (17:00)	53.21	90.17 ( 2:45)	21.18 (17:15)
8	38.77	65.53 ( 7:00)	21.29 (15:45)	36.42	69.57 ( 7:00)	18.38 (12:15)	41.64	74.98 ( 6:45)	21.44 (15:45)	39.19	73.78 ( 6:15)	18.22 (12:15)
9	43.16	69.31 (23:30)	31.72 ( 9:45)	40.88	67.73 (24:00)	28.34 (10:30)	46.66	75.67 (23:45)	31.21 (10:30)	44.95	74.55 (24:00)	27.74 (11:15)
10	50.62	86.40 ( 7:00)	15.65 (17:30)	48.59	86.77 ( 7:15)	13.46 (17:30)	52.93	89.30 ( 5:15)	16.45 (17:30)	51.39	89.53 ( 7:15)	17.55 (17:30)
11	46.72	78.49 (24:00)	29.89 ( 2:00)	44.42	77.37 (24:00)	26.95 ( 2:00)	49.25	87.75 (24:00)	33.66 (16:00)	46.85	83.66 (24:00)	30.49 ( 2:15)
12	65.28	96.53 ( 7:00)	38.73 (17:45)	61.81	93.32 ( 7:30)	37.54 (17:45)	66.13	100.00 ( 6:00)	41.07 (17:45)	64.27	97.60 ( 7:15)	38.61 (17:15)
13	50.65	63.14 (23:00)	38.20 (14:30)	47.73	60.35 (23:30)	36.55 (14:30)	52.01	66.44 (22:30)	38.86 (14:00)	49.83	65.78 (23:45)	34.85 (12:45)
14	48.38	81.06 ( 7:15)	12.50 (18:45)	45.72	81.68 ( 6:45)	8.84 (18:45)	50.27	86.05 ( 6:45)	12.23 (18:45)	48.05	82.93 ( 7:00)	13.02 (18:45)
15	41.26	65.99 ( 6:30)	20.93 (16:00)	40.31	73.55 ( 6:45)	15.84 (16:00)	45.31	79.17 ( 7:00)	18.29 (16:00)	44.15	73.29 ( 7:30)	18.68 (16:00)
16	48.99	63.85 ( 4:45)	37.91 ( 8:15)	45.17	61.42 ( 4:30)	34.10 ( 9:00)	49.90	71.45 ( 4:30)	37.35 ( 9:15)	49.70	71.96 ( 4:45)	35.89 ( 9:15)
17	36.60	57.81 ( 8:30)	17.32 (11:00)	34.78	69.52 ( 7:45)	12.45 (10:45)	39.88	73.86 ( 7:45)	15.11 (10:45)	40.64	71.63 ( 7:45)	15.85 (12:00)
18	58.21	94.95 (20:30)	26.46 (13:15)	56.71	91.94 (20:30)	21.75 (13:15)	61.77	98.30 (19:30)	24.29 (13:15)	60.49	95.60 (22:15)	24.65 (13:15)
19	93.14	100.00 ( 9:00)	85.12 (12:45)	90.27	100.00 ( 6:45)	82.97 (12:45)	92.30	100.00 ( 4:00)	83.66 (14:30)	91.89	100.00 ( 6:00)	81.32 (16:30)
20	69.01	98.79 ( 7:15)	39.26 (15:00)	64.61	91.71 ( 7:30)	35.51 (15:00)	67.13	91.60 ( 6:15)	38.13 (15:00)	67.45	95.23 ( 7:15)	37.08 (15:00)
21	59.91	81.81 ( 5:45)	46.34 (16:30)	58.71	80.99 ( 6:15)	43.76 (16:45)	63.93	87.37 ( 6:30)	45.87 (16:30)	63.84	85.49 ( 7:15)	44.98 (17:00)
22	67.34	100.00 (17:45)	45.02 ( 6:45)	65.09	100.00 (18:00)	42.12 ( 6:15)	69.19	100.00 (17:00)	46.26 ( 8:00)	69.05	97.94 (18:15)	44.69 ( 8:30)
23	36.73	58.29 (23:45)	21.86 (15:30)	33.31	57.04 (23:45)	17.50 (15:30)	37.99	65.47 (23:45)	20.96 (16:00)	36.55	66.09 (24:00)	19.73 (15:30)
24	43.46	76.99 ( 7:00)	21.66 (14:15)	41.69	77.55 ( 7:00)	17.04 (14:15)	47.47	85.26 ( 6:45)	20.41 (14:00)	46.59	85.34 ( 6:30)	18.89 (14:00)
25	31.73	69.61 ( 5:30)	12.23 (17:00)	30.31	70.42 ( 5:30)	9.12 (17:15)	35.93	74.33 ( 5:30)	12.38 (17:15)	35.61	72.36 ( 6:15)	9.97 (17:15)
26	66.31	100.00 (16:45)	27.70 ( 0:30)	66.64	99.92 (19:45)	33.52 ( 0:45)	71.96	100.00 (15:45)	38.42 ( 0:45)	71.34	99.18 (19:45)	40.69 (12:00)
27	90.67	100.00 ( 0:15)	76.92 (22:15)	89.49	100.00 ( 2:00)	74.36 (15:00)	92.98	100.00 ( 0:15)	79.28 (15:00)	90.69	99.28 ( 6:15)	76.32 (15:00)
28	70.37	100.00 ( 6:15)	38.82 (16:15)	66.51	96.09 ( 7:30)	36.36 (16:15)	72.38	100.00 ( 3:45)	40.01 (16:15)	70.85	99.74 ( 7:30)	38.20 (16:15)
29	50.83	91.33 ( 4:45)	8.51 (19:15)	48.70	88.25 ( 7:00)	12.55 (19:15)	53.81	96.45 ( 5:45)	16.70 (19:15)	53.70	95.88 ( 6:45)	21.81 (17:30)
30	63.80	78.96 (23:45)	49.93 ( 1:30)	62.82	80.60 (23:45)	46.39 ( 0:15)	68.82	85.88 (24:00)	52.76 ( 0:15)	67.40	85.95 (23:15)	52.82 ( 0:30)
월	55.57	100.00 ( 4/ 2)	8.51 ( 4/29)	53.24	100.00 ( 4/19)	8.84 ( 4/14)	58.11	100.00 ( 4/ 1)	12.23 ( 4/14)	56.23	100.00 ( 4/19)	9.97 ( 4/25)

표 6. 계속 (Continued: 2004년 5월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	64.94	83.46 ( 0:30)	49.98 (16:15)	61.29	82.66 ( 0:45)	45.59 (16:15)	64.77	87.44 ( 0:15)	48.39 (16:15)	62.07	87.29 ( 1:00)	45.20 (16:15)
2	75.72	90.41 (23:00)	58.32 (13:00)	72.94	88.10 (22:30)	56.00 (13:45)	77.08	92.30 (21:00)	59.45 (13:45)	73.13	88.64 (21:00)	57.17 (12:45)
3	97.59	100.00 ( 7:00)	89.06 ( 0:15)	97.38	100.00 ( 7:15)	86.14 ( 0:30)	97.06	100.00 ( 7:00)	86.38 ( 0:30)	95.35	99.07 ( 9:45)	87.31 ( 0:15)
4	64.28	100.00 ( 6:30)	25.32 (15:00)	62.37	98.10 ( 6:30)	24.67 (15:00)	66.72	100.00 ( 0:15)	28.05 (15:30)	64.26	97.91 ( 7:15)	28.60 (17:00)
5	61.51	94.68 ( 6:00)	33.76 (15:45)	58.37	88.57 ( 7:00)	32.73 (15:45)	63.86	97.85 ( 6:30)	35.78 (15:45)	63.01	98.63 ( 6:45)	35.40 (15:45)
6	52.43	71.93 ( 9:00)	34.49 (17:00)	49.77	67.01 ( 9:00)	31.70 (17:00)	54.30	70.22 ( 9:00)	35.12 (17:00)	53.60	72.36 ( 6:00)	35.84 (17:00)
7	51.92	90.68 ( 7:00)	26.33 (13:15)	50.30	88.75 ( 6:45)	22.46 (15:00)	55.60	93.89 ( 6:15)	25.70 (14:45)	56.00	92.78 ( 6:45)	25.82 (13:00)
8	65.03	93.79 (23:45)	39.49 (20:30)	65.26	92.74 (24:00)	38.71 (20:30)	70.50	99.08 (24:00)	44.18 (20:30)	70.47	95.15 (24:00)	49.63 (12:15)
9	96.15	100.00 ( 2:30)	92.26 ( 0:15)	97.60	100.00 (15:15)	91.24 ( 9:30)	99.79	100.00 ( 0:30)	96.26 ( 9:30)	97.65	99.94 ( 7:45)	92.86 (10:00)
10	97.39	100.00 ( 0:15)	89.27 (13:00)	93.88	100.00 ( 0:30)	86.64 (14:15)	95.29	100.00 ( 0:15)	85.67 (13:30)	94.50	100.00 ( 2:15)	85.51 (13:45)
11	88.72	100.00 ( 0:15)	69.85 (16:30)	84.85	94.52 ( 8:30)	67.98 (16:30)	89.07	100.00 ( 2:45)	71.05 (16:15)	86.93	100.00 ( 6:15)	67.63 (17:00)
12	96.07	100.00 ( 1:45)	83.00 (11:15)	94.93	100.00 (15:30)	83.81 (11:15)	98.51	100.00 ( 0:15)	85.38 (11:15)	97.68	100.00 ( 6:00)	88.68 (11:15)
13	86.86	100.00 ( 0:15)	65.94 (15:15)	84.96	100.00 ( 0:15)	62.34 (15:30)	87.88	100.00 ( 0:15)	65.10 (15:30)	86.14	100.00 ( 0:15)	61.03 (16:00)
14	79.37	100.00 ( 2:15)	49.48 (16:00)	76.58	100.00 ( 6:45)	48.48 (16:15)	80.92	100.00 ( 0:15)	51.04 (15:30)	80.06	100.00 ( 6:30)	51.41 (15:30)
15	92.62	100.00 ( 9:30)	79.35 ( 7:15)	89.98	99.08 ( 9:45)	78.69 ( 0:15)	95.47	100.00 ( 9:15)	86.37 ( 0:15)	93.66	99.57 ( 9:30)	85.69 ( 1:30)
16	83.99	100.00 ( 0:30)	68.18 (19:00)	80.22	91.54 ( 0:45)	64.49 (15:15)	84.37	99.07 ( 0:45)	67.38 (15:15)	83.46	100.00 ( 0:30)	63.42 (15:15)
17	79.80	92.80 (24:00)	63.69 (14:15)	76.95	86.68 (24:00)	61.22 (14:00)	80.77	93.33 (24:00)	64.09 (14:00)	77.75	91.14 (24:00)	61.15 (14:00)
18	64.95	100.00 ( 4:30)	34.26 (21:45)	61.43	94.67 ( 7:00)	32.91 (22:00)	65.83	100.00 ( 3:15)	35.68 (22:00)	65.18	100.00 ( 4:15)	37.32 (22:00)
19	50.69	71.51 (24:00)	41.38 ( 2:45)	48.02	68.61 (24:00)	38.99 ( 3:15)	51.12	72.50 (24:00)	42.14 ( 3:15)	50.96	70.65 (23:45)	42.20 ( 3:15)
20	69.67	82.00 ( 7:00)	61.69 (14:45)	67.43	81.59 ( 5:00)	57.83 (14:30)	71.44	90.36 ( 5:45)	60.15 (14:30)	69.99	91.29 ( 6:00)	58.40 (14:30)
21	68.73	100.00 ( 2:15)	36.45 (15:45)	66.52	99.72 ( 6:30)	35.95 (17:00)	70.94	100.00 ( 2:15)	39.51 (16:00)	69.45	98.54 ( 6:30)	38.64 (16:00)
22	55.57	83.27 ( 6:15)	27.51 (16:45)	53.25	79.99 ( 6:30)	24.69 (16:30)	58.75	90.38 ( 3:00)	28.22 (16:30)	60.18	93.21 ( 5:00)	28.20 (17:00)
23	64.99	86.34 ( 6:30)	46.64 (14:30)	62.21	83.74 ( 6:45)	42.68 (14:30)	67.21	91.11 ( 6:30)	45.93 (15:15)	65.49	89.34 ( 6:30)	44.62 (15:15)
24	66.72	93.69 ( 6:00)	31.78 (21:15)	65.90	90.06 ( 6:45)	34.41 (19:45)	69.99	93.42 ( 6:15)	35.96 (19:45)	70.35	96.76 ( 6:15)	34.05 (20:00)
25	50.10	79.13 ( 6:00)	30.23 (14:15)	52.45	84.70 ( 6:15)	31.51 (14:15)	53.56	80.33 ( 5:45)	32.92 (14:15)	54.84	88.69 ( 6:30)	28.22 (14:15)
26	64.99	80.69 (23:30)	39.38 ( 0:15)	67.77	81.49 (23:45)	43.31 ( 0:15)	68.95	81.17 (19:30)	45.04 ( 0:15)	71.90	83.80 (24:00)	50.62 ( 0:15)
27	74.53	92.40 ( 5:15)	56.01 (15:15)	75.77	93.11 ( 7:00)	56.92 (12:15)	73.39	93.09 ( 5:00)	55.53 (12:15)	75.48	93.70 ( 6:30)	53.09 (12:30)
28	88.29	99.76 (20:00)	75.61 (12:45)	89.60	100.00 (19:15)	75.76 (12:45)	87.09	100.00 (18:45)	75.15 (12:30)	91.03	99.28 (20:00)	74.98 (12:45)
29	85.68	100.00 ( 1:45)	70.94 (17:45)	86.46	100.00 ( 1:00)	71.14 (17:30)	84.42	100.00 ( 0:30)	71.13 (14:30)	85.88	98.81 ( 2:00)	66.97 (16:30)
30	89.24	100.00 ( 3:45)	63.79 (13:45)	89.09	100.00 ( 5:30)	64.90 (13:45)	86.06	100.00 ( 5:30)	65.54 (13:45)	89.42	100.00 ( 5:15)	63.95 (13:45)
31	55.97	99.21 ( 2:45)	25.30 (14:00)	57.57	99.41 ( 2:45)	26.80 (14:00)	57.62	99.88 ( 2:45)	27.55 (14:00)	62.06	98.05 ( 2:30)	32.38 (14:00)
월	73.90	100.00 ( 5/ 3)	25.30 ( 5/31)	72.37	100.00 ( 5/ 3)	22.46 ( 5/ 7)	75.16	100.00 ( 5/ 3)	25.70 ( 5/ 7)	74.82	100.00 ( 5/10)	25.82 ( 5/ 7)

표 6. 계속 (Continued: 2004년 6월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	49.21	73.48 ( 5:15)	25.70 (12:45)	51.90	77.35 ( 5:45)	27.16 (12:45)	52.75	79.08 ( 5:45)	27.14 (12:45)	59.37	89.41 ( 5:45)	30.15 (13:00)
2	62.24	89.97 ( 7:15)	41.01 (21:15)	62.41	91.66 ( 7:00)	40.53 (14:45)	61.21	84.08 ( 5:15)	41.04 (14:45)	65.18	98.91 ( 6:45)	40.56 (17:15)
3	53.85	77.37 ( 3:45)	33.60 (12:45)	57.02	84.50 ( 6:30)	34.55 (13:00)	57.62	82.59 ( 4:00)	34.95 (13:00)	62.81	89.18 ( 4:15)	35.45 (13:00)
4	58.51	86.67 ( 8:00)	35.93 (23:00)	60.15	87.42 ( 7:45)	38.92 (23:15)	60.50	82.09 ( 5:15)	41.94 (22:45)	66.42	93.49 ( 7:00)	47.77 (14:15)
5	55.76	82.38 ( 6:30)	32.97 (24:00)	57.24	83.24 ( 6:30)	34.84 (24:00)	57.94	81.71 ( 7:00)	36.03 (24:00)	64.55	89.43 ( 6:45)	50.61 (24:00)
6	43.31	57.32 (23:00)	33.03 ( 0:15)	45.54	59.11 (23:45)	34.99 ( 0:15)	46.25	59.52 (23:30)	35.44 ( 0:15)	52.98	67.19 (24:00)	43.58 (10:00)
7	68.27	84.94 (14:30)	56.72 ( 0:15)	70.26	88.80 (12:30)	58.80 ( 0:15)	70.47	89.99 (12:30)	58.34 ( 0:15)	77.64	92.92 (13:00)	65.59 ( 0:30)
8	85.15	95.46 (19:00)	67.68 ( 0:30)	86.84	96.68 (19:00)	67.91 ( 0:30)	86.22	99.13 ( 7:45)	69.68 ( 0:30)	92.57	100.00 ( 6:45)	73.22 (14:00)
9	78.72	95.29 ( 7:30)	61.04 (15:00)	80.15	97.21 ( 2:30)	61.76 (15:00)	75.93	86.83 ( 0:30)	61.43 (15:00)	83.82	100.00 ( 1:15)	64.20 (15:00)
10	72.86	96.03 ( 6:30)	48.37 (17:15)	73.84	94.31 ( 7:30)	49.74 (17:15)	71.58	90.26 ( 6:00)	50.75 (17:15)	79.54	100.00 ( 4:30)	54.21 (16:45)
11	53.27	82.38 (24:00)	42.69 ( 8:45)	55.82	82.85 (24:00)	43.46 ( 8:45)	56.63	83.24 (24:00)	42.45 ( 8:45)	64.08	90.30 (24:00)	47.27 ( 9:30)
12	66.84	94.05 ( 6:45)	42.76 (24:00)	67.78	94.86 ( 6:45)	45.82 (24:00)	65.21	88.77 ( 6:45)	46.08 (18:30)	72.99	100.00 ( 6:15)	50.54 (17:30)
13	50.20	63.23 ( 7:45)	32.83 ( 2:45)	52.11	66.48 (24:00)	34.80 ( 2:30)	52.46	70.97 (24:00)	34.78 ( 2:45)	60.13	80.49 (24:00)	44.29 ( 9:45)
14	52.17	84.95 ( 5:45)	29.14 (22:00)	54.88	89.56 ( 6:00)	33.31 (21:00)	55.15	83.85 ( 3:15)	34.38 (20:15)	63.33	99.11 ( 6:30)	38.51 (12:15)
15	49.73	75.21 ( 7:30)	31.84 (14:15)	52.43	79.34 ( 7:30)	33.33 (14:15)	52.64	77.39 ( 7:30)	33.43 (14:15)	61.02	87.44 ( 6:30)	35.95 (14:15)
16	50.59	75.23 ( 6:00)	38.00 (14:45)	52.40	78.65 ( 6:30)	39.02 (14:45)	53.18	78.46 ( 6:15)	39.94 (17:15)	60.96	90.76 ( 6:30)	44.11 (15:15)
17	89.35	100.00 ( 8:30)	47.19 ( 1:00)	90.52	100.00 ( 7:45)	48.37 ( 1:15)	89.61	100.00 ( 6:45)	51.13 ( 1:15)	96.21	100.00 ( 5:30)	65.35 ( 0:30)
18	90.37	100.00 ( 3:45)	75.61 (16:15)	91.13	100.00 ( 3:15)	76.03 (16:15)	86.91	100.00 ( 2:30)	74.84 (16:15)	94.43	100.00 ( 0:15)	78.08 (14:45)
19	98.55	100.00 ( 4:45)	86.88 ( 0:45)	99.01	100.00 ( 3:15)	87.64 ( 0:45)	99.25	100.00 ( 2:30)	79.51 ( 0:30)	99.97	100.00 ( 1:15)	98.94 ( 0:15)
20	100.00	100.00 ( 0:15)	100.00 ( 0:15)	100.00	100.00 ( 0:15)	100.00 ( 0:15)	100.00	100.00 ( 0:15)	100.00 ( 0:15)	100.00	100.00 ( 0:15)	99.88 ( 8:30)
21	95.00	100.00 ( 0:15)	82.41 (16:00)	94.89	100.00 ( 0:15)	81.88 (15:45)	91.77	100.00 ( 0:15)	79.23 (15:45)	97.75	100.00 ( 0:15)	85.66 (15:30)
22	87.52	100.00 (22:00)	71.84 (15:00)	87.62	100.00 (21:45)	71.92 (15:00)	84.59	100.00 (21:30)	72.52 (15:00)	91.48	100.00 ( 0:15)	74.42 (15:00)
23	87.40	100.00 ( 0:15)	71.97 (16:45)	87.79	100.00 ( 0:15)	72.38 (16:45)	85.77	100.00 ( 0:15)	73.61 (16:45)	92.54	100.00 ( 0:15)	78.09 (15:15)
24	83.14	99.23 ( 7:00)	70.25 (22:30)	83.21	97.17 ( 7:15)	70.12 (22:30)	80.19	88.44 ( 6:45)	70.64 (22:30)	89.99	100.00 ( 3:15)	77.13 (22:30)
25	79.25	85.64 (24:00)	74.02 ( 0:15)	78.85	85.69 (24:00)	73.39 ( 0:15)	78.55	81.24 (24:00)	73.58 ( 0:15)	85.14	93.40 (24:00)	79.20 (10:15)
26	82.95	92.99 (22:00)	69.66 (16:30)	82.48	92.16 ( 3:15)	69.75 (16:30)	79.54	88.34 ( 3:15)	70.52 (16:30)	87.46	99.92 ( 6:00)	72.77 (14:00)
27	86.48	96.09 (23:45)	69.43 (15:30)	86.35	96.02 (22:15)	69.90 (15:45)	83.35	98.38 (18:45)	70.28 (15:45)	90.40	100.00 (20:45)	71.42 (15:45)
28	90.99	100.00 ( 3:15)	73.72 (16:15)	90.42	100.00 ( 6:30)	73.70 (16:15)	84.48	92.09 ( 5:15)	75.41 (16:15)	93.48	100.00 ( 0:15)	77.31 (16:15)
29	84.96	95.39 ( 6:15)	71.27 (14:30)	84.67	94.87 ( 6:15)	71.16 (14:30)	80.82	86.39 ( 6:15)	71.71 (14:30)	88.81	100.00 ( 2:45)	72.79 (14:30)
30	86.92	97.59 ( 5:45)	74.80 (14:45)	86.48	95.99 ( 4:30)	74.40 (14:45)	82.29	87.65 ( 4:45)	74.99 (14:45)	90.37	99.88 ( 6:45)	74.41 (14:45)
월	73.22	100.00 ( 6/17)	25.70 ( 6/ 1)	74.20	100.00 ( 6/17)	27.16 ( 6/ 1)	72.82	100.00 ( 6/17)	27.14 ( 6/ 1)	79.54	100.00 ( 6/ 8)	30.15 ( 6/ 1)

표 6. 계속 (Continued: 2004년 7월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	87.19	100.00 ( 2:45)	76.94 (14:15)	86.95	100.00 ( 2:45)	75.48 (14:15)	87.10	100.00 ( 2:30)	75.94 (14:15)	91.10	100.00 ( 3:00)	76.53 (13:30)
2	97.67	100.00 ( 6:00)	91.72 ( 1:15)	97.48	100.00 ( 4:00)	92.28 (15:30)	94.03	100.00 ( 1:30)	83.77 (15:30)	99.72	100.00 ( 0:15)	97.23 (15:30)
3	96.77	100.00 ( 0:15)	87.87 (21:15)	98.49	100.00 ( 4:00)	88.81 (21:15)	93.70	100.00 (14:30)	84.02 (11:30)	99.67	100.00 ( 0:15)	95.39 (11:30)
4	92.65	100.00 ( 0:15)	77.91 (22:45)	92.34	100.00 ( 0:15)	77.33 (22:15)	92.93	100.00 ( 0:15)	78.62 (22:15)	96.30	100.00 ( 0:15)	83.85 (22:15)
5	89.07	100.00 ( 0:30)	73.02 (15:15)	88.91	100.00 ( 0:15)	72.85 (15:15)	87.13	100.00 ( 0:15)	75.02 (15:15)	92.88	100.00 ( 0:15)	77.50 (15:15)
6	83.47	93.25 (24:00)	75.32 (15:30)	83.36	93.59 (24:00)	75.03 (15:30)	81.39	85.79 (24:00)	76.50 (12:45)	89.31	99.96 (23:30)	78.34 (15:30)
7	97.93	100.00 ( 4:15)	72.95 ( 6:45)	98.28	100.00 ( 4:15)	75.73 ( 6:45)	97.69	100.00 ( 4:15)	85.51 ( 1:15)	99.88	100.00 ( 0:30)	94.00 ( 6:45)
8	97.11	100.00 ( 0:15)	89.04 (16:00)	96.41	100.00 ( 0:15)	87.80 (16:00)	91.98	100.00 ( 0:15)	84.18 (16:00)	98.46	100.00 ( 0:15)	92.24 (15:30)
9	87.82	100.00 ( 0:15)	67.53 (18:15)	87.78	100.00 ( 3:30)	67.67 (18:00)	85.56	93.28 ( 3:00)	71.70 (18:00)	91.39	100.00 ( 0:15)	74.72 (17:30)
10	85.86	100.00 ( 1:15)	65.57 (14:00)	85.32	100.00 ( 4:45)	64.75 (14:00)	84.44	99.92 ( 6:00)	67.19 (14:00)	89.37	100.00 ( 0:15)	68.63 (14:00)
11	94.19	100.00 ( 5:00)	78.48 (13:00)	93.39	100.00 (17:45)	77.57 (13:00)	91.59	100.00 (16:30)	79.63 (13:00)	97.04	100.00 ( 3:00)	83.14 (13:00)
12	92.20	100.00 ( 0:15)	79.91 (17:15)	91.92	100.00 ( 0:15)	79.06 (17:15)	90.75	100.00 ( 0:15)	79.88 (17:15)	95.36	100.00 ( 0:15)	83.73 (17:15)
13	96.65	100.00 ( 3:45)	86.76 (15:00)	95.98	100.00 ( 4:00)	86.28 (15:00)	93.74	100.00 ( 3:45)	84.31 (14:15)	98.42	100.00 ( 1:45)	89.15 (14:30)
14	97.33	100.00 ( 0:15)	89.55 (20:30)	97.48	100.00 ( 0:15)	88.19 (17:15)	97.38	100.00 ( 0:15)	86.30 (17:30)	99.66	100.00 ( 0:15)	93.49 (17:45)
15	99.61	100.00 ( 0:45)	92.13 (12:00)	99.60	100.00 ( 0:15)	92.39 (12:00)	99.89	100.00 ( 0:15)	94.43 (12:15)	99.99	100.00 ( 0:15)	99.87 ( 3:45)
16	93.93	100.00 ( 0:15)	79.60 (17:30)	94.00	100.00 ( 0:15)	79.51 (17:30)	96.39	100.00 ( 0:15)	84.10 (14:45)	97.56	100.00 ( 0:15)	86.63 (17:45)
17	98.52	100.00 ( 1:45)	92.04 ( 9:15)	98.12	100.00 ( 1:30)	90.97 ( 9:30)	97.93	100.00 ( 0:45)	91.17 ( 0:15)	99.91	100.00 ( 1:00)	97.77 (17:45)
18	89.22	100.00 ( 0:15)	77.70 (14:00)	88.48	100.00 ( 0:15)	77.11 (15:45)	91.31	98.31 ( 0:45)	83.89 (15:45)	92.66	100.00 ( 0:15)	80.82 (13:15)
19	84.05	90.85 (23:45)	74.15 (13:15)	83.28	92.33 (23:45)	73.38 (13:15)	87.22	92.52 (24:00)	78.77 (13:15)	88.45	100.00 (24:00)	77.80 (13:15)
20	87.71	97.09 (24:00)	79.11 (15:15)	86.86	96.53 (24:00)	77.73 (15:15)	88.80	93.43 ( 0:30)	82.03 (15:15)	91.65	100.00 ( 0:15)	79.86 (15:15)
21	89.28	99.65 (23:45)	78.43 (17:45)	88.31	97.98 ( 4:15)	76.84 (16:00)	89.08	94.49 ( 1:45)	81.05 (15:45)	92.01	100.00 ( 0:15)	76.60 (15:45)
22	87.75	100.00 ( 0:45)	66.60 (17:00)	86.42	99.55 ( 7:30)	65.68 (17:00)	87.58	94.83 ( 7:00)	71.86 (16:30)	89.89	100.00 ( 1:00)	71.53 (17:15)
23	86.56	100.00 ( 2:15)	66.35 (16:15)	85.83	100.00 ( 3:30)	65.11 (16:15)	86.25	96.40 ( 3:00)	70.14 (16:15)	88.12	100.00 ( 1:00)	66.84 (16:15)
24	82.77	97.03 ( 7:30)	62.34 (14:30)	82.45	96.41 ( 6:15)	61.39 (14:00)	83.97	92.78 ( 5:00)	66.79 (14:30)	87.47	100.00 ( 3:00)	63.60 (14:00)
25	86.99	100.00 ( 6:00)	73.69 (11:00)	85.72	97.99 ( 7:00)	72.46 (11:00)	86.05	93.04 ( 5:30)	75.87 (11:15)	89.34	100.00 ( 1:00)	72.35 (12:30)
26	85.30	99.61 ( 7:00)	70.60 (14:00)	83.95	97.65 ( 7:15)	69.59 (13:45)	84.78	93.39 ( 5:30)	73.69 (13:45)	86.73	100.00 ( 5:00)	70.07 (13:45)
27	85.72	98.64 ( 5:30)	74.60 (16:45)	84.64	97.74 ( 6:15)	73.67 (15:00)	85.60	93.95 ( 5:30)	77.72 (15:00)	88.74	100.00 ( 4:30)	75.20 (15:15)
28	86.97	100.00 ( 6:15)	69.58 (15:15)	85.84	99.94 ( 6:45)	68.10 (15:15)	86.09	95.75 ( 5:45)	73.36 (15:15)	87.66	100.00 ( 2:45)	68.62 (14:45)
29	84.34	100.00 ( 5:45)	65.23 (15:00)	83.35	100.00 ( 7:15)	63.87 (15:00)	84.14	95.87 ( 6:30)	68.22 (15:00)	85.25	100.00 ( 3:00)	64.10 (15:00)
30	84.72	98.95 ( 6:45)	69.16 (16:00)	83.65	97.42 ( 3:00)	68.09 (16:00)	84.45	94.03 ( 5:30)	72.42 (16:00)	85.52	100.00 ( 4:15)	68.53 (16:00)
31	80.23	95.84 ( 6:00)	62.46 (21:15)	79.42	95.09 ( 7:00)	62.17 (21:15)	81.04	90.03 ( 6:15)	65.49 (21:00)	81.89	98.75 ( 6:45)	66.25 (15:15)
월	90.05	100.00 ( 7/ 1)	62.34 ( 7/24)	89.48	100.00 ( 7/ 1)	61.39 ( 7/24)	89.35	100.00 ( 7/ 1)	65.49 ( 7/31)	92.63	100.00 ( 7/ 1)	63.60 ( 7/24)

표 6. 계속 (Continued: 2004년 8월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	76.56	89.58 ( 6:00)	64.94 ( 1:30)	76.03	89.94 ( 6:15)	64.58 (16:30)	78.48	89.22 ( 4:45)	68.34 (16:30)	78.80	94.71 ( 6:15)	64.91 (16:30)
2	78.55	89.10 ( 4:30)	62.27 (15:45)	77.76	88.93 ( 4:30)	61.70 (15:45)	79.92	88.58 ( 6:45)	65.78 (15:45)	79.76	94.56 ( 6:45)	61.92 (15:45)
3	86.23	99.18 ( 5:45)	74.23 (16:30)	84.82	97.72 ( 5:45)	73.02 (16:15)	85.78	93.82 ( 5:30)	75.61 (16:15)	86.11	100.00 ( 6:00)	70.13 (16:30)
4	90.87	100.00 (18:45)	73.04 (15:30)	90.13	100.00 (19:00)	72.72 (14:30)	90.27	100.00 (18:15)	76.01 (14:30)	91.00	100.00 ( 6:30)	71.02 (13:45)
5	91.86	100.00 ( 0:15)	69.17 (15:00)	91.63	100.00 ( 0:15)	69.14 (14:45)	93.01	100.00 ( 0:15)	72.41 (14:30)	91.50	100.00 ( 0:15)	66.61 (14:30)
6	85.42	100.00 ( 0:15)	68.44 (14:00)	85.26	100.00 ( 0:15)	67.05 (14:00)	86.87	100.00 ( 0:15)	69.96 (13:45)	86.83	100.00 ( 0:45)	65.84 (13:45)
7	83.66	100.00 ( 4:00)	65.06 (15:30)	82.81	100.00 ( 6:00)	63.86 (15:30)	83.25	96.99 ( 6:30)	67.57 (15:00)	84.88	100.00 ( 3:00)	62.69 (15:00)
8	86.61	100.00 ( 6:00)	66.79 (15:00)	85.41	99.91 ( 6:45)	65.60 (15:00)	85.08	96.58 ( 6:30)	68.84 (15:00)	85.52	100.00 ( 3:30)	63.90 (14:45)
9	82.28	94.05 (23:45)	73.56 (16:00)	81.61	94.92 (24:00)	72.96 (16:00)	83.15	89.61 (23:45)	76.56 (13:00)	80.83	96.31 (24:00)	69.87 (13:00)
10	87.39	100.00 ( 6:00)	63.76 (15:15)	86.96	100.00 ( 7:30)	62.61 (15:15)	86.10	97.79 (17:45)	65.12 (15:15)	88.37	100.00 ( 4:15)	61.75 (15:15)
11	75.60	95.11 ( 2:15)	50.18 (15:45)	75.49	95.38 ( 3:30)	49.52 (15:45)	76.84	93.32 ( 2:45)	52.77 (15:45)	79.54	100.00 ( 2:00)	50.24 (15:45)
12	75.33	91.39 ( 6:15)	57.62 (14:15)	75.11	91.39 ( 7:15)	57.00 (14:30)	77.59	89.38 ( 7:00)	59.10 (14:30)	78.82	98.81 ( 7:00)	55.17 (14:30)
13	82.56	99.46 ( 7:00)	66.24 (15:15)	82.12	98.38 ( 6:15)	65.61 (14:30)	82.63	94.11 ( 6:00)	67.90 (14:45)	83.23	100.00 ( 5:00)	61.68 (14:45)
14	89.98	99.19 (23:30)	72.61 (13:30)	89.03	97.83 (23:30)	71.82 (13:30)	87.97	97.88 (14:30)	73.36 (13:30)	91.17	100.00 (23:15)	67.70 (12:45)
15	82.89	100.00 ( 4:00)	47.09 (15:45)	83.04	100.00 ( 5:30)	50.59 (15:45)	84.34	100.00 ( 7:15)	60.38 (16:00)	86.63	100.00 ( 0:15)	61.23 (14:00)
16	88.95	100.00 (21:00)	77.65 (10:45)	88.62	100.00 (20:45)	76.31 (12:30)	89.69	100.00 (20:15)	76.90 (12:30)	91.56	100.00 (19:15)	73.38 (12:30)
17	94.07	100.00 ( 0:15)	77.26 (17:00)	93.82	100.00 ( 0:15)	78.12 (17:00)	92.50	100.00 ( 0:15)	81.17 (17:00)	95.14	100.00 ( 0:15)	80.74 (17:15)
18	99.82	100.00 ( 2:30)	96.16 ( 0:15)	99.77	100.00 ( 1:45)	95.91 ( 0:15)	98.16	100.00 ( 8:00)	90.54 ( 0:15)	100.00	100.00 ( 0:30)	99.93 (16:45)
19	95.40	100.00 ( 0:15)	80.97 (19:15)	95.57	100.00 ( 0:15)	83.77 (16:15)	94.46	100.00 ( 0:15)	81.73 (15:00)	98.00	100.00 ( 0:15)	88.12 (15:30)
20	93.19	99.11 ( 7:45)	86.26 (15:45)	91.92	99.03 ( 0:15)	84.42 (15:45)	87.62	91.34 ( 0:15)	84.57 (11:00)	94.20	100.00 ( 0:15)	83.93 (16:15)
21	92.36	98.18 ( 5:15)	85.47 (14:30)	91.22	98.06 ( 5:15)	83.65 (16:15)	88.17	93.66 (17:45)	84.88 ( 9:30)	93.95	100.00 ( 0:15)	82.14 (14:15)
22	92.73	98.36 (21:30)	86.87 ( 8:30)	92.07	100.00 (21:15)	85.66 ( 8:30)	93.64	100.00 (20:45)	85.50 ( 8:30)	96.66	100.00 ( 3:15)	89.69 ( 8:30)
23	92.12	100.00 ( 1:15)	80.59 (13:45)	91.58	100.00 ( 1:15)	79.37 (13:45)	91.87	100.00 ( 0:15)	82.58 (13:00)	94.39	100.00 ( 0:15)	81.78 (14:00)
24	87.27	99.81 ( 7:30)	72.78 (16:45)	86.44	99.20 ( 7:30)	72.00 (16:45)	86.05	93.13 ( 1:00)	75.54 (16:45)	89.40	100.00 ( 1:15)	70.94 (16:45)
25	88.61	100.00 ( 3:30)	69.30 (14:00)	88.53	100.00 ( 4:45)	68.99 (14:00)	89.55	100.00 (23:45)	73.42 (14:00)	92.20	100.00 ( 0:15)	72.21 (14:00)
26	97.80	100.00 ( 1:00)	87.42 (23:15)	97.29	100.00 ( 1:00)	88.56 (23:15)	97.54	100.00 ( 0:15)	86.79 (21:15)	99.64	100.00 ( 0:15)	97.57 (12:30)
27	83.09	100.00 ( 0:45)	60.73 (23:00)	82.82	99.96 ( 0:45)	62.01 (23:00)	86.09	100.00 ( 0:15)	67.61 (23:15)	86.35	100.00 ( 0:15)	68.82 (23:15)
28	68.99	74.57 (23:00)	62.36 (12:00)	68.86	75.44 (20:30)	61.83 (12:00)	71.66	78.90 (23:00)	63.18 (13:30)	72.66	85.58 (20:30)	62.27 (12:15)
29	75.85	87.79 (23:30)	70.51 (15:00)	75.99	88.40 (23:30)	69.60 (15:00)	78.33	88.37 (21:30)	71.36 (14:30)	80.16	94.63 (23:00)	67.17 (15:00)
30	88.11	100.00 ( 5:45)	80.12 (22:45)	87.08	99.90 ( 6:00)	79.29 (22:45)	86.41	94.02 (13:15)	81.90 (22:45)	88.96	99.96 ( 6:45)	79.46 (16:45)
31	74.63	96.15 (23:15)	59.42 (12:00)	75.49	94.00 (23:00)	59.55 (12:00)	77.37	91.39 (24:00)	60.44 (12:15)	80.11	100.00 (24:00)	58.41 (12:15)
월	86.14	100.00 ( 8/ 4)	47.09 ( 8/15)	85.68	100.00 ( 8/ 4)	49.52 ( 8/11)	86.18	100.00 ( 8/ 4)	52.77 ( 8/11)	88.04	100.00 ( 8/ 3)	50.24 ( 8/11)

표 6. 계속 (Continued: 2004년 9월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	75.91	99.78 ( 5:00)	36.60 (18:30)	76.19	98.36 ( 4:30)	38.49 (18:30)	76.97	96.11 (12:45)	42.14 (18:30)	83.03	100.00 ( 0:15)	48.48 (18:30)
2	67.65	86.76 (10:00)	38.04 (17:00)	69.51	88.34 ( 5:45)	39.62 (16:45)	72.44	90.11 ( 5:15)	42.81 (16:45)	77.04	100.00 ( 6:45)	43.36 (15:15)
3	72.90	98.13 ( 4:45)	44.76 (12:45)	73.78	96.84 ( 4:45)	46.06 (12:45)	76.62	96.21 ( 5:30)	49.52 (12:45)	80.69	100.00 ( 5:00)	47.43 (13:30)
4	76.40	99.95 ( 3:45)	43.45 (14:15)	77.85	98.51 ( 3:45)	44.14 (14:15)	78.84	93.01 ( 4:00)	49.88 (14:15)	83.64	100.00 ( 3:45)	51.17 (14:30)
5	72.55	88.80 ( 5:15)	51.89 (13:30)	73.07	90.16 ( 6:30)	52.57 (13:30)	75.42	89.97 ( 6:15)	55.59 (15:00)	79.33	100.00 ( 6:15)	54.48 (14:15)
6	84.83	100.00 ( 5:30)	73.99 (15:15)	84.19	100.00 ( 5:30)	72.63 (15:15)	85.85	100.00 ( 4:00)	73.54 (14:15)	87.43	100.00 ( 4:00)	72.79 (14:15)
7	94.47	100.00 (14:15)	87.77 ( 0:15)	93.04	100.00 (14:30)	86.00 ( 0:15)	91.44	100.00 (13:45)	84.45 (11:00)	94.90	100.00 (14:00)	88.21 (11:00)
8	80.75	99.65 ( 0:15)	55.41 (17:45)	80.73	98.69 ( 0:15)	55.87 (18:00)	80.46	94.26 ( 0:15)	60.16 (18:00)	86.16	100.00 ( 0:15)	62.05 (15:45)
9	81.16	100.00 ( 4:15)	49.72 (18:30)	81.71	100.00 ( 5:45)	54.33 (17:45)	82.05	97.63 ( 7:30)	58.76 (17:30)	86.91	100.00 ( 2:15)	61.56 (16:45)
10	83.58	100.00 ( 5:15)	62.34 (16:00)	84.25	100.00 ( 5:15)	62.71 (16:00)	85.77	100.00 ( 4:45)	65.81 (16:00)	88.70	100.00 ( 3:15)	68.29 (16:00)
11	92.11	100.00 ( 5:00)	82.29 (21:00)	92.20	100.00 ( 4:45)	81.55 (21:30)	94.68	100.00 ( 1:30)	80.76 (21:30)	97.18	100.00 ( 1:30)	86.73 (21:30)
12	91.78	100.00 (14:30)	83.24 ( 0:15)	91.05	100.00 (14:30)	81.99 ( 0:15)	91.27	100.00 (14:15)	81.41 ( 0:15)	94.14	100.00 (14:15)	86.42 ( 0:15)
13	96.53	100.00 ( 1:15)	83.28 (19:30)	96.75	100.00 ( 1:15)	82.82 (19:30)	96.90	100.00 ( 0:30)	84.33 (19:30)	98.65	100.00 ( 0:15)	87.63 (17:00)
14	89.09	100.00 ( 0:15)	75.99 (14:30)	88.85	100.00 ( 0:15)	74.78 (14:00)	87.86	100.00 ( 0:45)	77.87 (13:00)	89.40	100.00 ( 0:15)	74.00 (14:30)
15	81.95	86.88 (24:00)	76.00 (14:45)	81.79	88.79 (24:00)	75.06 (14:45)	79.85	81.84 (21:00)	77.72 (14:45)	83.29	91.91 (22:30)	73.62 (14:45)
16	88.92	100.00 ( 8:15)	73.79 (16:00)	90.00	100.00 ( 8:30)	73.92 (16:00)	87.31	100.00 ( 7:15)	77.62 (15:15)	93.31	100.00 ( 7:15)	75.07 (16:30)
17	92.94	100.00 ( 2:15)	75.61 (14:45)	92.66	100.00 ( 1:45)	75.40 (15:00)	90.66	100.00 ( 5:00)	78.60 (15:00)	92.59	100.00 ( 0:15)	74.90 (13:00)
18	95.52	100.00 ( 0:15)	82.78 (19:00)	95.50	100.00 ( 0:15)	84.08 (19:00)	94.85	100.00 ( 0:15)	83.54 (16:45)	97.57	100.00 ( 0:15)	89.16 (16:30)
19	73.94	100.00 ( 8:30)	40.33 (13:45)	75.59	100.00 ( 7:15)	41.15 (13:45)	77.61	98.92 ( 7:30)	45.47 (13:45)	82.78	100.00 ( 4:00)	46.99 (13:45)
20	92.92	100.00 (17:15)	82.71 ( 0:45)	93.26	100.00 (23:15)	83.02 ( 0:15)	91.83	100.00 (15:45)	82.12 (11:00)	97.37	100.00 (17:00)	89.80 (13:30)
21	86.04	100.00 ( 0:15)	64.79 (18:45)	86.44	100.00 ( 5:45)	65.51 (17:45)	88.07	100.00 ( 0:15)	70.08 (17:45)	90.18	100.00 ( 0:15)	71.10 (14:00)
22	85.38	100.00 ( 2:45)	60.00 (16:45)	85.76	100.00 ( 2:30)	61.16 (16:45)	87.32	100.00 ( 3:00)	66.08 (16:45)	89.63	100.00 ( 0:45)	63.55 (15:00)
23	80.54	89.53 (24:00)	65.99 (14:30)	80.99	90.24 ( 8:15)	65.32 (14:30)	81.59	87.71 ( 8:15)	68.78 (14:30)	89.17	100.00 ( 3:15)	65.78 (14:30)
24	76.36	100.00 ( 6:00)	49.21 (17:15)	77.34	100.00 ( 7:30)	53.04 (16:30)	78.97	98.65 ( 7:15)	57.35 (16:30)	83.80	100.00 ( 4:15)	59.33 (16:00)
25	71.97	87.09 ( 6:30)	62.40 (22:00)	72.97	89.47 ( 6:15)	63.28 (22:00)	75.05	88.91 ( 6:15)	65.08 (18:30)	80.51	100.00 ( 6:45)	64.37 (14:00)
26	81.05	95.30 (23:45)	68.70 ( 0:15)	82.07	96.21 (24:00)	68.49 ( 0:15)	85.57	100.00 (21:15)	69.47 ( 0:15)	88.28	100.00 (21:00)	73.30 ( 0:15)
27	84.07	100.00 ( 3:45)	61.91 (18:45)	83.99	100.00 ( 6:45)	63.30 (18:45)	86.31	100.00 ( 0:15)	65.83 (16:00)	86.88	100.00 ( 0:15)	63.65 (14:30)
28	83.69	100.00 ( 4:45)	65.19 (14:15)	83.81	100.00 ( 4:30)	64.89 (14:15)	83.84	100.00 ( 5:00)	68.00 (20:15)	85.67	100.00 ( 3:15)	67.32 (14:30)
29	70.98	88.17 (23:45)	59.42 (16:15)	71.91	89.70 (24:00)	59.57 (16:00)	74.63	88.57 (24:00)	62.17 (16:00)	77.51	95.93 (24:00)	60.13 (14:30)
30	76.91	100.00 ( 4:15)	46.09 (13:15)	78.39	100.00 ( 4:15)	47.42 (13:15)	80.25	100.00 ( 4:15)	50.34 (13:15)	83.01	100.00 ( 4:00)	48.79 (13:15)
월	82.76	100.00 ( 9/ 6)	36.60 ( 9/ 1)	83.19	100.00 ( 9/ 6)	38.49 ( 9/ 1)	84.01	100.00 ( 9/ 6)	42.14 ( 9/ 1)	87.63	100.00 ( 9/ 1)	43.36 ( 9/ 2)

표 6. 계속 (Continued: 2004년 10월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	79.39	98.88 (16:00)	64.78 (22:45)	80.13	98.92 (16:00)	65.89 (22:45)	81.41	100.00 (16:00)	67.27 (22:45)	86.14	99.99 ( 7:45)	68.93 (11:30)
2	51.80	81.40 (23:15)	36.36 (14:00)	53.99	82.27 (24:00)	37.66 (14:00)	56.88	86.76 (24:00)	38.65 (14:00)	67.46	92.26 (24:00)	40.51 (13:45)
3	63.44	94.09 ( 9:15)	31.82 (16:00)	68.00	95.92 ( 7:15)	33.40 (16:00)	69.36	92.35 ( 7:30)	36.27 (16:00)	76.85	100.00 ( 7:45)	40.95 (15:30)
4	70.58	92.80 ( 8:45)	49.19 (15:30)	73.80	95.31 ( 8:15)	49.79 (15:30)	74.93	88.97 ( 6:30)	51.94 (15:30)	82.29	100.00 ( 7:00)	52.23 (15:30)
5	68.85	95.08 ( 8:15)	39.87 (19:00)	72.14	97.01 ( 7:30)	42.19 (19:00)	72.83	96.39 ( 7:00)	45.06 (19:15)	78.56	100.00 ( 7:30)	53.06 (14:30)
6	71.83	94.80 ( 9:45)	41.95 (16:30)	74.39	93.11 ( 9:45)	43.60 (16:30)	75.08	91.37 ( 4:00)	47.17 (16:30)	81.73	100.00 ( 4:30)	48.68 (16:00)
7	78.20	94.66 ( 8:30)	57.32 (12:45)	80.20	97.22 ( 8:15)	58.27 (12:45)	80.53	90.07 ( 7:00)	60.25 (15:30)	86.85	100.00 ( 5:30)	62.92 (12:30)
8	78.47	100.00 ( 7:45)	45.48 (15:00)	79.97	100.00 ( 6:15)	46.03 (15:00)	79.87	100.00 ( 7:45)	46.87 (15:00)	84.77	100.00 ( 5:45)	47.58 (15:00)
9	72.39	88.84 ( 3:30)	51.12 (18:15)	74.96	96.54 ( 4:00)	53.81 (18:30)	76.02	92.34 ( 5:15)	57.96 (17:30)	83.60	100.00 ( 6:15)	61.35 (14:15)
10	65.77	81.06 ( 8:15)	48.15 (19:00)	67.98	86.90 ( 7:30)	50.17 (15:45)	71.04	88.23 ( 7:15)	52.13 (15:45)	76.50	96.01 ( 8:00)	53.50 (15:45)
11	74.85	90.18 ( 8:45)	49.10 (13:15)	77.02	95.50 ( 6:15)	48.81 (13:15)	77.87	94.01 ( 6:45)	50.23 (13:15)	83.78	100.00 ( 6:15)	50.27 (13:15)
12	62.42	98.86 ( 6:15)	24.36 (13:45)	64.07	100.00 ( 6:30)	26.57 (13:45)	65.22	100.00 ( 2:45)	28.01 (15:00)	70.53	100.00 ( 1:00)	29.32 (13:45)
13	56.99	91.28 (24:00)	36.85 (14:30)	60.46	92.75 (24:00)	38.66 (14:15)	61.98	94.36 (24:00)	39.22 (12:15)	70.71	95.95 (24:00)	39.61 (14:15)
14	54.83	90.42 ( 0:15)	30.79 (14:30)	58.24	92.42 ( 0:15)	33.23 (14:30)	59.99	95.58 ( 0:15)	33.45 (14:30)	70.96	99.09 ( 8:00)	37.39 (14:45)
15	67.73	83.02 (23:45)	57.43 (16:00)	71.21	86.99 (23:45)	58.08 (15:15)	72.31	89.58 (23:45)	58.40 (15:15)	79.50	99.80 ( 7:45)	57.63 (14:15)
16	76.65	100.00 ( 7:15)	51.55 (17:15)	77.64	100.00 ( 7:15)	52.61 (17:15)	77.85	100.00 ( 6:30)	55.04 (17:00)	80.99	100.00 ( 4:45)	57.22 (17:15)
17	59.37	67.67 ( 7:00)	50.70 (14:15)	60.79	72.30 ( 7:00)	51.10 (14:15)	61.94	77.69 ( 7:00)	50.00 (14:15)	68.72	91.62 ( 7:30)	52.38 (14:00)
18	74.92	92.01 (23:45)	64.82 ( 0:15)	75.86	93.79 (24:00)	66.49 ( 0:15)	77.15	93.78 (24:00)	67.78 ( 0:15)	82.42	99.58 (23:00)	69.48 (14:00)
19	85.31	100.00 ( 3:15)	64.93 (15:00)	85.32	100.00 ( 3:30)	64.95 (14:30)	86.21	100.00 ( 2:00)	65.08 (14:30)	87.98	100.00 ( 0:45)	63.27 (14:15)
20	70.80	90.51 ( 4:15)	50.36 (15:15)	72.67	92.14 ( 4:00)	50.77 (15:15)	72.31	87.34 ( 4:00)	51.08 (15:15)	79.09	96.20 ( 2:15)	52.55 (14:00)
21	73.56	100.00 ( 7:45)	44.93 (14:45)	75.37	100.00 ( 7:45)	46.00 (14:45)	75.15	100.00 ( 7:30)	47.71 (14:45)	78.89	100.00 ( 7:30)	47.91 (14:45)
22	48.52	71.52 ( 7:15)	20.68 (15:00)	50.44	73.09 ( 8:00)	23.14 (15:00)	50.94	72.35 ( 8:00)	22.56 (15:00)	58.57	80.03 ( 7:00)	26.52 (15:00)
23	52.70	83.86 ( 5:30)	28.26 (12:45)	57.23	86.33 ( 3:45)	29.16 (12:45)	58.63	84.93 ( 3:45)	29.09 (12:45)	68.20	97.00 ( 7:45)	31.95 (12:45)
24	61.45	76.60 ( 8:45)	42.91 (18:15)	63.67	81.26 ( 7:45)	43.88 (18:15)	64.52	84.10 ( 7:45)	42.99 (18:15)	72.27	94.84 ( 8:00)	44.48 (14:00)
25	75.14	96.93 ( 8:15)	57.98 (14:00)	77.06	99.54 ( 8:45)	58.17 (14:00)	76.71	95.19 ( 7:30)	58.08 (14:00)	83.50	100.00 ( 7:30)	61.28 (14:15)
26	54.14	86.02 ( 3:30)	15.74 (16:00)	56.68	91.47 ( 5:00)	18.26 (16:00)	56.03	86.80 ( 2:45)	18.28 (16:00)	63.75	97.07 ( 5:30)	23.38 (16:00)
27	54.95	85.91 ( 7:45)	35.15 ( 0:45)	57.67	83.42 ( 8:00)	41.31 ( 1:00)	57.62	81.71 ( 7:45)	39.62 (15:15)	67.03	92.63 ( 8:15)	43.28 (15:15)
28	67.29	91.59 (24:00)	56.57 (12:45)	70.63	91.95 (24:00)	56.65 (12:45)	71.55	87.34 (24:00)	54.17 (12:45)	79.21	96.62 (24:00)	54.61 (12:45)
29	77.17	98.76 ( 7:00)	54.77 (13:15)	77.98	97.99 ( 6:45)	54.53 (13:15)	75.66	90.87 ( 7:45)	52.45 (13:15)	81.69	100.00 ( 8:00)	52.06 (13:15)
30	71.93	100.00 ( 8:15)	42.69 (18:30)	73.37	98.98 ( 8:00)	43.21 (15:00)	71.89	95.84 ( 7:45)	43.43 (15:00)	77.71	100.00 ( 7:45)	44.22 (15:00)
31	63.98	95.17 ( 8:15)	30.52 (16:00)	68.52	99.48 ( 8:45)	31.66 (16:00)	68.65	98.93 ( 8:15)	33.02 (16:30)	74.05	100.00 ( 8:00)	36.42 (15:30)
월	67.27	100.00 (10/ 8)	15.74 (10/26)	69.60	100.00 (10/ 8)	18.26 (10/26)	70.26	100.00 (10/ 1)	18.28 (10/26)	76.91	100.00 (10/ 3)	23.38 (10/26)

표 6. 계속 (Continued: 2004년 11월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	78.94	100.00 (19:45)	51.22 (14:00)	81.55	100.00 (19:45)	51.50 (13:30)	81.38	100.00 (18:15)	51.24 (13:15)	85.79	100.00 (20:45)	50.65 (13:30)
2	86.79	97.20 ( 3:30)	74.69 (11:45)	87.67	98.26 ( 3:30)	75.09 (11:45)	89.59	100.00 ( 0:15)	76.17 (11:45)	93.60	100.00 ( 0:15)	80.25 (14:30)
3	81.10	93.64 ( 3:00)	69.46 (17:15)	81.48	94.14 ( 3:00)	69.41 (14:45)	81.76	95.40 ( 3:00)	68.41 (15:00)	86.89	99.77 ( 3:15)	70.09 (15:00)
4	75.90	92.61 ( 5:30)	55.62 (15:45)	77.17	94.87 ( 5:30)	55.78 (15:45)	76.42	88.66 ( 5:30)	55.12 (15:45)	84.60	100.00 ( 1:45)	57.97 (15:00)
5	79.68	97.92 ( 7:45)	48.34 (16:15)	81.74	100.00 ( 6:15)	50.48 (16:15)	81.62	99.83 ( 8:30)	49.98 (16:30)	85.97	100.00 ( 5:15)	56.24 (16:30)
6	56.74	95.67 ( 2:30)	22.47 (17:00)	58.14	94.01 ( 2:30)	25.24 (16:45)	56.85	93.26 ( 0:30)	26.22 (16:45)	64.23	97.28 ( 0:45)	31.94 (15:00)
7	63.77	83.71 ( 4:30)	46.20 (14:30)	67.16	88.49 ( 7:00)	47.34 (14:30)	67.36	83.25 ( 7:00)	44.94 (14:45)	75.67	98.34 ( 8:15)	47.04 (14:30)
8	66.69	93.62 ( 2:45)	36.34 (19:00)	70.93	95.37 ( 8:00)	38.27 (15:00)	70.47	97.30 ( 8:00)	38.47 (14:45)	76.84	100.00 ( 7:45)	39.34 (14:45)
9	63.67	90.67 ( 4:00)	39.34 (16:45)	66.31	92.19 ( 8:00)	40.95 (16:45)	65.59	88.02 ( 8:00)	41.81 (16:00)	73.28	100.00 ( 8:15)	44.21 (14:45)
10	80.10	99.33 (24:00)	58.52 ( 0:15)	81.46	100.00 (23:45)	59.17 ( 0:15)	82.35	100.00 (15:30)	61.93 ( 0:15)	87.26	100.00 (15:00)	69.37 ( 0:15)
11	95.17	100.00 ( 0:30)	84.27 (23:15)	94.78	100.00 ( 0:15)	84.31 (23:15)	92.83	100.00 ( 0:15)	80.41 (23:15)	96.87	100.00 ( 1:15)	89.33 (20:00)
12	57.34	84.18 ( 0:15)	29.69 (13:45)	58.72	85.44 ( 0:15)	31.18 (13:45)	57.82	80.93 ( 0:15)	28.02 (13:45)	67.05	92.58 ( 0:15)	34.77 (13:45)
13	70.84	87.41 ( 5:30)	56.98 ( 1:00)	72.66	88.92 ( 8:30)	60.12 ( 1:00)	70.66	83.91 ( 6:15)	61.19 (15:15)	80.31	98.49 ( 8:45)	66.57 (15:30)
14	62.99	81.02 ( 8:00)	45.90 (15:00)	65.35	83.93 ( 8:00)	46.98 (15:00)	64.08	80.94 ( 8:00)	42.65 (14:00)	72.10	88.33 ( 8:15)	48.04 (14:45)
15	54.31	82.98 ( 5:45)	34.96 (13:15)	56.24	85.94 ( 5:45)	35.78 (13:15)	55.14	84.56 ( 5:45)	33.80 (13:30)	64.01	98.04 ( 5:45)	37.90 (13:00)
16	58.01	74.56 ( 7:30)	43.13 (13:45)	60.26	74.67 ( 7:45)	43.95 (13:45)	58.99	72.54 ( 7:30)	39.37 (13:45)	68.45	83.87 ( 8:15)	45.16 (12:30)
17	71.60	84.06 ( 8:00)	59.69 (17:30)	74.67	89.44 ( 8:15)	56.75 (17:30)	77.89	85.83 (24:00)	64.60 (17:30)	85.58	99.78 ( 8:30)	65.13 (17:30)
18	77.72	100.00 ( 9:15)	58.32 (18:00)	74.25	96.19 ( 9:15)	52.61 (13:45)	81.17	99.81 ( 7:30)	56.56 (14:00)	72.84	100.00 ( 7:45)	0.05 (12:30)
19	84.83	100.00 ( 5:00)	65.76 (16:15)	82.02	100.00 ( 5:45)	59.97 (16:15)	87.49	100.00 ( 4:00)	65.24 (16:00)	87.06	100.00 ( 5:15)	64.77 (15:30)
20	83.17	100.00 ( 3:45)	52.53 (17:00)	79.56	100.00 ( 6:30)	47.42 (17:00)	84.11	100.00 ( 1:45)	53.03 (16:45)	83.95	100.00 ( 3:00)	54.69 (16:45)
21	72.40	88.53 ( 6:15)	54.82 (16:15)	68.62	87.27 ( 6:15)	49.04 (16:15)	76.76	96.43 ( 8:15)	53.23 (16:15)	77.29	99.14 ( 8:45)	49.96 (13:30)
22	81.27	98.69 ( 9:15)	59.57 (15:15)	78.29	98.36 ( 7:15)	53.67 (15:30)	85.07	100.00 ( 2:45)	58.02 (15:30)	84.56	100.00 ( 6:00)	54.25 (14:30)
23	80.23	100.00 ( 4:45)	49.23 (15:15)	77.79	100.00 ( 7:00)	43.62 (15:15)	83.07	100.00 ( 1:30)	47.72 (15:15)	83.11	100.00 ( 5:30)	47.70 (15:00)
24	82.49	100.00 ( 4:30)	56.07 (14:45)	78.78	100.00 ( 7:00)	50.28 (14:45)	84.53	100.00 ( 5:15)	54.91 (15:00)	84.66	100.00 ( 4:45)	53.93 (15:00)
25	78.88	100.00 ( 4:15)	49.90 (16:00)	76.15	100.00 ( 6:15)	45.31 (16:15)	82.04	100.00 ( 3:30)	50.12 (16:15)	82.36	100.00 ( 2:45)	49.69 (14:45)
26	86.75	100.00 ( 6:30)	68.56 ( 0:15)	81.97	100.00 ( 7:45)	64.92 (19:30)	89.79	100.00 ( 4:15)	72.11 (19:30)	89.26	100.00 ( 4:45)	75.33 (19:30)
27	74.44	86.97 ( 5:00)	60.90 (18:45)	69.74	83.10 ( 8:00)	56.00 (18:45)	76.44	87.86 ( 8:00)	61.53 (18:45)	79.24	93.61 ( 8:15)	61.26 (15:30)
28	77.58	93.65 ( 8:00)	57.48 (15:15)	73.03	90.76 ( 9:30)	51.80 (15:15)	80.61	100.00 ( 5:15)	56.05 (15:45)	81.04	100.00 ( 7:00)	55.87 (15:15)
29	61.87	100.00 ( 7:00)	30.69 (16:15)	58.99	95.57 ( 8:15)	25.96 (16:15)	65.47	100.00 ( 8:00)	28.27 (16:30)	66.47	100.00 ( 9:00)	33.76 (16:45)
30	70.10	86.23 ( 6:15)	57.55 ( 0:15)	67.34	83.63 ( 7:00)	53.85 (14:00)	74.81	91.61 (24:00)	56.99 (14:15)	75.83	91.76 (24:00)	55.37 (14:00)
월	73.83	100.00 (11/ 1)	22.47 (11/ 6)	73.39	100.00 (11/ 1)	25.24 (11/ 6)	76.02	100.00 (11/ 1)	26.22 (11/ 6)	79.80	100.00 (11/ 1)	0.05 (11/18)



표 6. 계속 (Continued: 2004년 12월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
1	83.01	100.00 ( 6:00)	62.83 (16:00)	80.17	100.00 ( 7:45)	57.25 (16:00)	85.59	100.00 ( 3:15)	62.46 (16:00)	85.52	100.00 ( 6:45)	58.53 (13:00)
2	73.11	100.00 ( 7:00)	52.86 (15:15)	70.51	100.00 ( 9:15)	48.05 (15:15)	75.10	100.00 ( 9:15)	50.04 (13:30)	78.66	100.00 ( 8:30)	48.73 (13:30)
3	72.20	97.73 (24:00)	52.29 (15:15)	70.07	93.48 (24:00)	46.80 (14:30)	77.48	100.00 ( 7:00)	50.54 (14:15)	78.28	100.00 ( 7:45)	46.70 (14:30)
4	99.94	100.00 ( 0:30)	97.26 (24:00)	99.52	100.00 ( 2:15)	94.07 (24:00)	100.00	100.00 ( 0:15)	100.00 ( 0:15)	99.71	100.00 ( 1:30)	96.05 (24:00)
5	75.99	96.86 ( 0:15)	63.39 (16:15)	70.68	92.93 ( 0:15)	57.40 (14:30)	77.45	100.00 ( 0:15)	62.52 (14:30)	76.97	95.36 ( 1:15)	60.62 (14:15)
6	79.01	95.82 (24:00)	64.09 (14:00)	73.99	92.15 (24:00)	57.19 (14:00)	79.33	99.97 (24:00)	61.83 (14:00)	80.66	98.27 (24:00)	56.94 (14:00)
7	64.70	96.38 ( 0:30)	34.95 (18:45)	60.53	92.48 ( 0:15)	31.50 (18:45)	68.13	100.00 ( 0:15)	36.25 (17:00)	71.48	100.00 ( 9:15)	39.24 (16:00)
8	70.09	81.98 (24:00)	59.39 (15:15)	66.85	83.16 ( 5:45)	54.22 (15:15)	74.54	88.95 (23:15)	58.70 (14:30)	75.65	94.12 (23:45)	54.62 (14:30)
9	73.29	89.09 ( 5:45)	51.17 (16:00)	71.74	89.52 ( 2:45)	45.72 (16:00)	77.26	94.14 ( 7:45)	49.10 (15:30)	80.49	100.00 ( 5:30)	47.77 (14:45)
10	65.26	91.83 ( 8:15)	22.58 (16:15)	61.33	90.30 ( 8:15)	18.12 (16:15)	65.38	90.18 ( 8:15)	22.39 (16:15)	71.38	99.99 ( 8:45)	24.55 (16:15)
11	52.77	82.35 ( 9:45)	35.26 (15:30)	50.75	78.01 ( 5:45)	30.13 (15:30)	57.45	84.40 ( 7:00)	31.94 (15:30)	59.41	85.29 ( 7:15)	35.35 (15:30)
12	58.59	74.18 (23:15)	29.38 (14:30)	55.96	68.90 ( 7:30)	24.62 (14:30)	62.58	76.68 (23:30)	28.78 (14:30)	64.05	80.87 (24:00)	29.02 (14:30)
13	64.26	92.81 ( 3:00)	38.23 (18:15)	59.84	87.88 ( 3:00)	34.72 (18:45)	65.79	91.38 ( 3:00)	39.81 (18:45)	67.69	93.55 ( 3:15)	41.79 (15:15)
14	64.55	88.36 ( 7:15)	35.18 (18:00)	61.51	86.69 ( 8:45)	33.92 (14:15)	66.87	90.12 ( 7:15)	37.81 (14:15)	68.21	95.53 ( 9:15)	37.08 (14:15)
15	73.41	100.00 (19:00)	53.81 ( 5:30)	71.30	100.00 (19:30)	51.69 (15:00)	76.41	100.00 (18:15)	53.61 (15:15)	76.47	100.00 (21:45)	54.34 (15:00)
16	73.26	100.00 ( 0:15)	39.11 (18:00)	70.82	100.00 ( 0:15)	38.34 (18:00)	74.44	100.00 ( 0:15)	47.28 (18:15)	77.14	100.00 ( 0:15)	49.28 (16:00)
17	75.08	97.28 ( 3:30)	54.12 (13:30)	71.86	94.46 ( 5:00)	47.93 (13:30)	76.60	92.78 ( 5:00)	52.31 (13:30)	78.76	99.93 ( 9:15)	50.97 (13:30)
18	78.98	93.13 (23:30)	60.78 (12:45)	73.67	90.73 (24:00)	54.78 (12:45)	77.77	91.09 (24:00)	59.13 (12:45)	79.15	97.72 (24:00)	56.01 (12:45)
19	83.10	100.00 ( 3:15)	56.85 (15:00)	78.55	100.00 ( 9:30)	50.84 (15:00)	83.36	100.00 ( 3:30)	54.90 (14:45)	83.89	100.00 ( 3:00)	51.20 (14:30)
20	69.59	99.99 ( 1:00)	39.07 (16:00)	64.21	98.31 ( 1:00)	33.20 (16:00)	70.62	100.00 ( 0:15)	38.39 (16:00)	70.21	100.00 ( 1:00)	37.88 (16:00)
21	62.68	81.71 ( 7:15)	35.87 (14:45)	56.99	75.88 ( 7:00)	30.26 (14:30)	62.72	82.32 ( 7:00)	34.14 (14:30)	64.89	86.44 ( 7:15)	33.11 (14:45)
22	53.01	64.41 (24:00)	35.66 (16:30)	47.50	58.84 (22:15)	29.81 (16:30)	53.78	66.07 (22:00)	34.63 (16:30)	54.93	69.42 (22:45)	33.76 (16:30)
23	58.82	74.30 ( 3:00)	43.69 (17:15)	54.00	73.30 ( 3:45)	37.61 (16:30)	61.46	81.34 ( 4:15)	42.76 (16:30)	62.13	82.04 ( 4:45)	42.70 (16:00)
24	66.44	76.33 ( 8:45)	58.80 (19:30)	63.31	77.11 ( 6:45)	53.56 (19:15)	69.31	83.25 ( 6:30)	60.17 (19:30)	68.79	82.33 ( 6:45)	57.78 (19:30)
25	70.32	86.44 ( 9:00)	62.02 (14:00)	63.53	78.76 ( 9:00)	54.46 (14:00)	68.84	82.60 ( 8:30)	58.57 (14:00)	67.03	84.28 ( 9:00)	54.56 (14:00)
26	64.55	80.39 ( 4:00)	48.80 (16:00)	57.92	72.76 ( 4:00)	42.40 (16:00)	63.86	77.83 ( 4:00)	47.28 (16:00)	62.74	80.16 ( 8:15)	41.66 (14:45)
27	57.15	72.61 ( 5:00)	34.51 (16:15)	51.75	68.89 ( 3:00)	28.32 (16:15)	58.82	77.26 ( 3:00)	33.09 (16:15)	60.03	78.28 ( 7:15)	30.83 (14:00)
28	56.90	68.07 ( 3:45)	40.25 (17:15)	51.23	63.88 ( 4:15)	34.12 (17:30)	57.93	74.14 ( 4:30)	39.51 (17:30)	58.79	77.83 ( 5:00)	39.65 (17:30)
29	58.48	77.21 ( 7:45)	35.72 (15:00)	51.87	69.54 ( 7:45)	29.25 (15:00)	58.45	75.74 ( 7:30)	33.65 (15:00)	58.73	77.47 ( 7:30)	31.65 (15:00)
30	69.91	87.82 ( 8:45)	49.90 (16:00)	64.59	84.95 ( 8:45)	43.30 (16:00)	70.79	87.01 ( 8:45)	47.76 (16:00)	70.07	89.55 ( 9:00)	46.30 (16:00)
31	64.46	79.54 ( 2:45)	51.88 (15:45)	57.64	72.11 ( 3:00)	45.11 (15:45)	63.37	77.78 ( 3:00)	48.77 (13:45)	62.04	74.68 ( 9:00)	44.95 (13:45)
월	68.80	100.00 (12/ 1)	22.58 (12/10)	64.65	100.00 (12/ 1)	18.12 (12/10)	70.37	100.00 (12/ 1)	22.39 (12/10)	71.42	100.00 (12/ 1)	24.55 (12/10)

표 7. 일사, 기압, 강우, 시정의 월간 통계값 (Monthly statistics of solar radiation, pressure, precipitation and visibility: 1월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
1	6.02	330.67 (12:45)	1005.94	1008.06 (10:15)	1002.24 (16:45)	-	- ( : )	- ( : )	1.92	3.94 (18:30)	0.58 ( 8:15)	2.50
2	6.76	511.59 (14:00)	1003.77	1007.36 (23:30)	1000.88 ( 1:30)	2.50	1.40 ( 5:15)	1.90 ( 6:00)	5.92	18.82 (13:45)	0.80 ( 9:15)	1.00
3	7.25	447.57 (13:00)	1009.53	1013.47 (23:45)	1004.87 ( 4:00)	-	- ( : )	- ( : )	15.79	- ( : )	4.10 ( 9:15)	-
4	10.21	499.59 (13:00)	1014.70	1016.89 (10:30)	1010.40 (15:00)	-	- ( : )	- ( : )	14.19	- ( : )	1.78 ( 9:30)	-
5	8.75	519.05 (13:30)	1015.02	1017.05 (10:15)	1009.82 (17:15)	-	- ( : )	- ( : )	12.98	- ( : )	3.60 (10:45)	-
6	7.64	396.88 (12:30)	1012.64	1015.11 ( 2:45)	1009.49 (19:45)	-	- ( : )	- ( : )	6.36	12.30 ( 1:45)	2.27 (22:45)	-
7	7.24	481.48 (13:00)	1013.29	1017.70 (24:00)	1008.35 ( 4:30)	-	- ( : )	- ( : )	6.52	18.43 (17:45)	0.37 ( 8:30)	3.00
8	8.99	490.88 (12:15)	1018.45	1021.23 (10:15)	1015.11 (15:30)	-	- ( : )	- ( : )	10.62	- ( : )	2.73 ( 9:15)	-
9	8.08	428.28 (13:00)	1014.56	1016.52 ( 3:00)	1011.17 (18:00)	-	- ( : )	- ( : )	9.95	- ( : )	4.32 ( 7:45)	-
10	9.19	502.67 (13:00)	1014.29	1015.74 (10:30)	1012.31 ( 2:45)	-	- ( : )	- ( : )	14.66	- ( : )	2.46 ( 8:30)	-
11	7.91	497.90 (12:15)	1013.23	1016.11 ( 3:00)	1008.48 (14:00)	-	- ( : )	- ( : )	19.36	- ( : )	13.66 ( 9:45)	-
12	6.36	446.56 (12:00)	1005.75	1011.23 ( 0:15)	997.33 (16:15)	1.30	0.30 (19:15)	0.80 (20:00)	11.87	- ( : )	1.60 (18:15)	-
13	8.23	475.41 (13:45)	1006.39	1011.79 (24:00)	998.46 ( 1:15)	1.90	0.20 (13:45)	0.70 (13:00)	18.30	- ( : )	6.51 ( 3:45)	-
14	10.96	548.57 (12:30)	1013.61	1015.12 (11:00)	1011.15 ( 3:30)	-	- ( : )	- ( : )	19.91	- ( : )	17.29 ( 9:15)	-
15	8.37	443.77 (12:30)	1014.28	1015.68 (11:30)	1008.56 (14:45)	-	- ( : )	- ( : )	9.98	- ( : )	2.23 (24:00)	-
16	5.75	301.41 (13:00)	1011.65	1014.78 ( 0:15)	1003.88 (17:00)	-	- ( : )	- ( : )	6.18	19.72 (24:00)	1.11 ( 5:15)	-
17	3.15	173.36 (13:45)	1009.37	1010.71 (20:00)	1006.42 ( 1:45)	3.60	0.20 ( 8:45)	0.70 (11:00)	3.29	19.85 ( 0:15)	0.29 (11:15)	11.50
18	3.96	392.71 (12:45)	1005.85	1010.77 ( 3:00)	1000.43 (22:00)	0.40	0.10 (16:30)	0.20 (17:00)	4.37	16.17 (23:15)	0.16 ( 6:00)	9.50
19	6.81	484.75 (11:00)	1006.16	1007.85 (11:00)	1002.72 ( 6:45)	1.20	0.20 (10:30)	0.30 (10:00)	15.78	- ( : )	5.13 ( 9:30)	-
20	11.37	545.96 (13:00)	1006.55	1009.75 (11:00)	1000.76 (18:00)	-	- ( : )	- ( : )	18.62	- ( : )	4.04 (22:15)	-
21	9.31	547.17 (13:45)	1007.02	1008.42 (20:00)	1004.75 ( 2:45)	-	- ( : )	- ( : )	19.04	- ( : )	3.64 (17:45)	-
22	11.93	589.68 (13:00)	1009.40	1010.83 (23:30)	1006.43 ( 5:30)	-	- ( : )	- ( : )	16.63	- ( : )	5.01 ( 7:00)	-
23	11.39	562.76 (12:15)	1009.26	1011.18 ( 2:45)	1006.51 (16:30)	-	- ( : )	- ( : )	18.26	- ( : )	7.91 ( 8:15)	-
24	10.76	620.96 (13:00)	1006.63	1008.52 (24:00)	1002.88 (19:00)	-	- ( : )	- ( : )	19.97	- ( : )	19.27 (20:00)	-
25	7.62	577.00 (12:30)	1010.61	1012.91 (22:30)	1007.03 ( 3:45)	-	- ( : )	- ( : )	18.21	- ( : )	4.68 (14:00)	-
26	10.69	604.07 (13:00)	1011.77	1013.82 (10:45)	1008.20 (23:30)	-	- ( : )	- ( : )	15.22	- ( : )	5.55 ( 7:30)	-
27	9.33	549.05 (12:45)	1008.41	1009.67 ( 0:15)	1004.99 (17:00)	-	- ( : )	- ( : )	12.32	- ( : )	3.46 ( 7:30)	-
28	9.51	598.75 (12:30)	1006.10	1008.37 ( 0:30)	1001.77 (19:30)	-	- ( : )	- ( : )	10.81	- ( : )	2.67 (24:00)	-
29	7.71	506.40 (13:30)	1004.32	1005.63 (10:45)	1001.01 (13:00)	-	- ( : )	- ( : )	11.28	- ( : )	1.84 ( 2:30)	-
30	10.77	503.38 (12:00)	1006.36	1009.13 (23:30)	1002.53 ( 6:30)	-	- ( : )	- ( : )	7.30	17.39 ( 0:15)	2.47 ( 7:45)	-
31	11.65	566.47 (12:45)	1008.45	1011.29 ( 7:45)	1005.23 (17:45)	-	- ( : )	- ( : )	5.55	18.53 (16:15)	0.78 ( 8:00)	2.75
월	263.85	620.96 ( 1/24)	1009.79	1021.23 ( 1/ 8)	997.33 ( 1/12)	10.90	1.40 ( 1/ 2)	1.90 ( 1/ 2)	12.30	- ( : )	0.16 ( 1/18)	30.25

표 7. 계속 (Continued: 2004년 2월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
1	9.78	532.72 (13:00)	1002.02	1005.35 ( 0:15)	997.73 (20:00)	-	- ( : )	- ( : )	7.50	19.72 (16:00)	1.80 ( 4:30)	-
2	12.35	571.39 (13:00)	1001.19	1003.69 (24:00)	995.74 ( 4:45)	-	- ( : )	- ( : )	13.31	- ( : )	1.48 ( 4:45)	-
3	11.34	539.57 (14:45)	1002.85	1005.10 (24:00)	999.13 ( 7:15)	-	- ( : )	- ( : )	19.28	- ( : )	17.07 ( 8:30)	-
4	10.88	582.97 (14:00)	1003.30	1005.30 ( 0:15)	997.76 (18:30)	-	- ( : )	- ( : )	13.34	- ( : )	1.30 (21:15)	-
5	9.33	528.28 (13:45)	1007.72	1011.89 (24:00)	1001.56 ( 3:00)	-	- ( : )	- ( : )	17.54	- ( : )	1.76 ( 2:00)	-
6	11.97	629.76 (12:15)	1010.03	1012.19 (11:15)	1006.46 (23:00)	2.10	0.30 (12:15)	0.90 (13:00)	13.59	- ( : )	3.17 (20:30)	-
7	12.72	653.97 (13:30)	1012.28	1015.31 (11:00)	1007.85 ( 0:30)	1.70	0.20 (13:30)	0.60 (13:00)	18.07	- ( : )	4.60 ( 1:30)	-
8	10.45	507.25 (11:30)	1009.65	1012.65 (23:30)	1006.06 (10:15)	3.60	0.40 (11:45)	1.10 (12:00)	18.06	- ( : )	6.62 ( 1:00)	-
9	14.18	649.67 (12:45)	1015.49	1017.87 (11:15)	1010.43 ( 3:45)	-	- ( : )	- ( : )	19.93	- ( : )	17.60 ( 9:00)	-
10	13.84	621.90 (13:15)	1015.32	1017.74 ( 9:30)	1010.45 (23:30)	-	- ( : )	- ( : )	15.23	- ( : )	2.45 ( 8:45)	-
11	11.81	557.11 (12:30)	1012.49	1013.92 (23:45)	1009.31 (17:15)	-	- ( : )	- ( : )	8.37	19.26 (10:15)	0.66 (23:45)	2.25
12	12.30	626.83 (13:00)	1013.63	1015.58 (11:15)	1010.86 (19:30)	-	- ( : )	- ( : )	9.24	- ( : )	0.04 ( 8:15)	8.50
13	10.71	573.19 (11:45)	1003.68	1012.28 ( 0:30)	993.31 (22:00)	-	- ( : )	- ( : )	14.36	- ( : )	3.86 ( 8:30)	-
14	12.80	749.88 (13:45)	995.22	1005.28 (23:45)	986.87 ( 6:30)	0.70	0.30 ( 4:00)	0.40 ( 5:00)	15.69	- ( : )	1.52 ( 4:30)	-
15	14.15	625.33 (12:45)	1007.44	1011.58 (23:45)	1002.36 ( 0:15)	-	- ( : )	- ( : )	19.94	- ( : )	16.59 ( 8:15)	-
16	13.56	616.07 (12:30)	1009.52	1013.12 ( 9:15)	1002.77 (20:15)	-	- ( : )	- ( : )	11.60	- ( : )	0.84 ( 5:45)	0.25
17	12.47	595.12 (13:30)	1004.14	1005.74 (11:45)	1000.59 ( 5:00)	-	- ( : )	- ( : )	17.98	- ( : )	7.82 (11:15)	-
18	14.50	634.51 (13:15)	1005.12	1006.96 ( 8:45)	1001.54 (16:00)	-	- ( : )	- ( : )	18.89	- ( : )	7.96 (22:30)	-
19	14.95	673.58 (12:45)	1007.70	1011.08 (24:00)	1004.61 ( 0:30)	-	- ( : )	- ( : )	14.99	- ( : )	5.33 ( 7:30)	-
20	13.83	607.66 (13:30)	1011.42	1014.52 (11:15)	1007.70 (20:30)	-	- ( : )	- ( : )	12.31	19.89 (14:30)	5.62 ( 5:45)	-
21	5.59	475.44 (13:15)	1001.70	1009.85 ( 0:15)	989.38 (22:30)	12.60	3.60 (23:30)	7.00 (24:00)	6.36	19.09 (22:00)	0.23 ( 6:45)	3.50
22	1.45	85.18 (14:30)	990.75	998.99 (24:00)	983.37 ( 7:15)	9.40	1.00 ( 1:45)	1.90 ( 1:00)	7.02	17.63 (24:00)	1.20 ( 6:00)	-
23	15.33	699.65 (12:45)	1006.56	1010.28 (22:15)	997.38 ( 1:00)	-	- ( : )	- ( : )	18.57	- ( : )	12.26 ( 7:30)	-
24	13.51	636.81 (13:00)	1006.28	1010.46 ( 2:45)	1003.04 (21:00)	-	- ( : )	- ( : )	18.33	- ( : )	10.52 ( 7:30)	-
25	10.22	599.99 (11:15)	997.39	1003.24 ( 0:15)	990.92 (14:30)	-	- ( : )	- ( : )	10.62	- ( : )	1.41 (17:45)	-
26	9.22	437.94 (12:30)	1001.45	1003.96 (23:15)	998.70 ( 0:15)	-	- ( : )	- ( : )	20.00	- ( : )	19.92 (14:00)	-
27	16.85	722.71 (12:45)	1005.46	1007.81 (11:30)	1002.95 ( 1:30)	-	- ( : )	- ( : )	19.55	- ( : )	15.61 ( 2:45)	-
28	6.35	476.57 (15:00)	998.16	1004.22 ( 0:15)	991.92 (21:45)	-	- ( : )	- ( : )	17.42	- ( : )	2.36 (23:45)	-
29	16.35	744.81 (12:45)	1000.19	1004.58 (23:15)	994.31 ( 0:15)	0.40	0.20 ( 1:15)	0.20 ( 1:00)	14.15	- ( : )	1.19 ( 3:00)	-
월	342.76	749.88 ( 2/14)	1005.45	1017.87 ( 2/ 9)	983.37 ( 2/22)	30.50	3.60 ( 2/21)	7.00 ( 2/21)	14.87	- ( : )	0.04 ( 2/12)	14.50

표 7. 계속 (Continued: 2004년 3월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
1	17.05	720.55 (13:00)	1004.43	1007.21 (23:30)	1000.91 (17:30)	-	- ( : )	- ( : )	19.80	- ( : )	18.29 (22:00)	-
2	17.73	752.25 (12:30)	1007.27	1010.02 ( 9:45)	1003.73 (20:00)	-	- ( : )	- ( : )	19.99	- ( : )	19.53 ( 2:15)	-
3	7.09	467.55 (14:45)	1002.45	1006.96 ( 1:30)	997.36 (13:30)	-	- ( : )	- ( : )	18.32	- ( : )	4.37 (11:45)	-
4	16.12	705.55 (12:30)	1002.45	1004.68 ( 9:45)	999.50 (23:30)	-	- ( : )	- ( : )	19.18	- ( : )	12.20 (24:00)	-
5	0.61	24.35 (16:45)	998.26	1002.96 (24:00)	993.30 (14:30)	22.00	0.60 (14:00)	2.30 (15:00)	2.46	12.92 ( 0:45)	0.15 ( 3:45)	5.75
6	11.90	888.79 (12:45)	1008.94	1014.37 (24:00)	1001.41 ( 3:15)	20.00	0.90 (12:45)	2.90 (13:00)	3.74	9.77 (12:30)	0.31 (18:30)	8.00
7	0.05	3.82 ( 1:45)	1015.26	1015.54 ( 3:15)	1014.54 ( 0:15)	0.10	0.10 ( 0:15)	0.10 ( 1:00)	0.35	0.36 ( 0:45)	0.35 ( 0:15)	3.75
8	12.70	613.71 (12:15)	1012.96	1018.70 ( 2:00)	1007.33 (16:30)	-	- ( : )	- ( : )	7.65	- ( : )	0.26 ( 9:45)	9.75
9	16.59	699.38 (13:00)	1002.70	1007.81 ( 0:15)	997.76 (19:00)	-	- ( : )	- ( : )	8.43	- ( : )	0.42 ( 2:15)	5.25
10	7.08	434.41 (11:00)	994.07	998.29 ( 0:45)	989.78 (17:30)	-	- ( : )	- ( : )	12.27	- ( : )	0.89 ( 6:15)	0.75
11	13.03	766.76 (12:15)	1004.02	1007.34 (23:00)	997.83 ( 0:15)	-	- ( : )	- ( : )	18.23	- ( : )	3.66 ( 0:15)	-
12	18.30	767.84 (12:45)	1006.40	1008.63 ( 9:15)	1000.51 (17:00)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
13	16.33	748.09 (12:45)	1008.18	1011.18 (10:00)	1004.27 (19:30)	-	- ( : )	- ( : )	17.99	- ( : )	4.25 (23:30)	-
14	11.67	579.55 (13:30)	1007.06	1009.00 (10:00)	1004.07 (13:00)	-	- ( : )	- ( : )	4.68	- ( : )	0.28 ( 8:00)	3.50
15	13.71	616.83 (12:00)	1005.44	1008.64 ( 8:45)	998.99 (24:00)	-	- ( : )	- ( : )	9.30	- ( : )	0.03 ( 5:30)	10.25
16	14.55	759.05 (12:00)	999.50	1002.93 ( 8:15)	993.65 (17:30)	-	- ( : )	- ( : )	17.93	- ( : )	4.58 ( 8:45)	-
17	2.44	137.90 (12:30)	1002.53	1010.50 (24:00)	993.30 ( 2:00)	9.10	1.40 ( 3:30)	3.50 ( 5:00)	17.30	- ( : )	3.30 ( 8:30)	-
18	19.94	811.55 (12:45)	1012.09	1014.92 ( 9:45)	1009.82 ( 4:00)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
19	17.38	734.47 (11:30)	1010.36	1013.99 ( 7:45)	1005.96 (15:30)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
20	18.03	741.13 (12:30)	1007.84	1010.19 ( 9:45)	1003.66 (17:30)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
21	16.68	818.94 (12:30)	1005.83	1009.58 ( 2:00)	1001.24 (18:15)	-	- ( : )	- ( : )	18.43	- ( : )	6.97 ( 8:30)	-
22	16.85	784.98 (11:30)	1004.16	1005.77 ( 8:45)	1001.84 (17:45)	2.30	0.60 ( 2:00)	1.20 ( 2:00)	12.97	- ( : )	0.24 ( 5:45)	6.25
23	18.67	773.25 (13:30)	1003.95	1006.10 ( 8:15)	998.91 (15:45)	-	- ( : )	- ( : )	16.89	- ( : )	4.79 ( 8:30)	-
24	10.70	581.08 (13:45)	1004.40	1006.42 (10:45)	999.36 (17:45)	-	- ( : )	- ( : )	15.81	- ( : )	3.97 ( 9:15)	-
25	12.83	733.71 (13:45)	1003.55	1005.34 (24:00)	1000.27 (20:00)	-	- ( : )	- ( : )	16.34	- ( : )	7.97 ( 7:00)	-
26	20.63	828.98 (12:15)	1006.61	1009.33 (24:00)	1002.91 ( 4:45)	-	- ( : )	- ( : )	16.03	- ( : )	2.92 ( 6:15)	-
27	17.31	778.79 (11:45)	1008.90	1011.70 ( 9:15)	1003.42 (15:45)	-	- ( : )	- ( : )	17.17	- ( : )	3.62 ( 7:00)	-
28	21.09	830.71 (13:00)	1006.27	1008.08 ( 7:00)	1003.27 (16:00)	-	- ( : )	- ( : )	19.38	- ( : )	10.24 ( 7:00)	-
29	15.65	771.73 (13:30)	1003.40	1007.89 ( 8:00)	996.09 (20:00)	-	- ( : )	- ( : )	17.56	- ( : )	5.90 ( 8:30)	-
30	18.15	777.73 (12:30)	999.34	1005.19 (23:45)	995.89 (13:30)	0.10	0.10 ( 6:30)	0.10 ( 7:00)	18.19	- ( : )	3.19 ( 6:45)	-
31	20.58	811.74 (12:30)	1006.54	1008.24 ( 9:00)	1002.91 (15:45)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
월	441.44	888.79 ( 3/ 6)	1005.05	1018.70 ( 3/ 8)	989.78 ( 3/10)	53.60	1.40 ( 3/17)	3.50 ( 3/17)	15.46	- ( : )	0.03 ( 3/15)	53.25

표 7. 계속 (Continued: 2004년 4월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
1	12.09	680.39 (10:45)	999.82	1008.16 ( 1:45)	990.75 (23:15)	14.90	1.30 (20:30)	4.80 (21:00)	14.40	- ( : )	0.43 (20:00)	2.00
2	16.59	802.37 (11:30)	997.56	1002.86 (22:30)	990.96 ( 2:30)	0.90	0.60 ( 0:15)	0.80 ( 1:00)	17.08	- ( : )	0.97 ( 0:15)	0.25
3	12.69	527.95 (12:45)	1004.59	1007.42 (23:45)	1000.95 (13:45)	-	- ( : )	- ( : )	19.90	- ( : )	16.42 ( 6:45)	-
4	19.83	847.73 (11:45)	1005.95	1008.18 ( 9:45)	1000.80 (16:00)	-	- ( : )	- ( : )	15.93	- ( : )	2.78 ( 6:00)	-
5	23.24	893.18 (12:15)	1002.99	1005.33 ( 0:15)	998.67 (18:15)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
6	10.02	599.47 (10:30)	1002.08	1003.65 ( 1:30)	999.38 ( 3:00)	-	- ( : )	- ( : )	18.09	- ( : )	6.82 (24:00)	-
7	16.93	749.73 (12:00)	1002.69	1005.88 (23:30)	998.75 (14:00)	-	- ( : )	- ( : )	13.55	- ( : )	1.56 ( 2:45)	-
8	22.84	865.45 (12:30)	1003.69	1006.34 ( 8:00)	997.88 (16:15)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
9	20.64	798.74 (12:30)	1002.24	1003.86 (23:00)	998.63 (18:15)	-	- ( : )	- ( : )	19.40	- ( : )	7.63 (24:00)	-
10	21.04	843.44 (13:00)	1001.17	1004.04 ( 8:30)	997.08 (18:15)	-	- ( : )	- ( : )	13.05	- ( : )	1.41 ( 5:45)	-
11	19.46	877.75 (13:45)	998.57	1000.31 ( 8:00)	996.10 (13:30)	-	- ( : )	- ( : )	18.51	- ( : )	1.20 (23:30)	-
12	17.65	769.27 (10:45)	998.37	1000.33 ( 6:15)	993.76 (15:30)	-	- ( : )	- ( : )	11.72	- ( : )	0.48 ( 5:30)	3.50
13	20.26	856.61 (13:00)	999.19	1001.64 ( 7:00)	993.62 (17:15)	-	- ( : )	- ( : )	19.80	- ( : )	14.50 (22:15)	-
14	21.33	870.94 (13:00)	1000.10	1002.27 ( 9:30)	994.58 (19:00)	-	- ( : )	- ( : )	14.22	- ( : )	2.91 ( 6:45)	-
15	17.85	753.18 (13:45)	998.20	1001.65 ( 0:15)	994.39 (21:00)	-	- ( : )	- ( : )	19.80	- ( : )	13.52 (10:15)	-
16	21.05	793.90 (12:15)	995.53	996.81 (24:00)	992.03 ( 5:45)	-	- ( : )	- ( : )	18.62	- ( : )	4.79 ( 4:45)	-
17	23.54	894.93 (12:30)	997.14	1000.34 (23:30)	993.03 (16:15)	-	- ( : )	- ( : )	19.87	- ( : )	14.61 ( 7:45)	-
18	14.65	729.03 (10:15)	995.54	1000.15 ( 0:15)	985.37 (23:45)	5.80	1.10 (19:00)	2.60 (20:00)	16.78	- ( : )	1.38 (19:15)	-
19	3.98	356.36 (12:15)	985.82	992.72 (24:00)	981.35 ( 2:30)	4.90	1.70 ( 3:30)	4.40 ( 4:00)	10.49	- ( : )	2.26 ( 6:30)	-
20	22.25	879.28 (12:15)	996.78	998.97 (10:45)	992.98 ( 0:15)	-	- ( : )	- ( : )	14.89	- ( : )	1.84 ( 6:15)	-
21	20.66	786.42 (12:30)	993.49	998.42 ( 0:15)	986.69 (23:30)	-	- ( : )	- ( : )	15.08	- ( : )	6.21 (11:15)	-
22	13.44	719.13 (13:15)	988.60	992.89 (24:00)	984.07 ( 8:00)	1.70	1.60 (16:30)	1.70 (17:00)	12.05	- ( : )	0.76 (18:30)	1.00
23	23.28	882.13 (12:15)	997.80	1002.43 (24:00)	991.29 ( 1:15)	-	- ( : )	- ( : )	20.00	- ( : )	19.98 ( 8:00)	-
24	24.42	943.62 (12:30)	1004.26	1006.66 (23:45)	999.88 ( 3:30)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
25	23.94	976.50 (12:30)	1004.93	1007.38 ( 7:45)	999.81 (14:15)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
26	4.30	228.10 (11:45)	991.65	1003.22 ( 0:15)	978.93 (24:00)	34.70	2.00 (17:00)	6.90 (17:00)	12.48	- ( : )	0.47 (17:00)	2.00
27	7.12	500.69 (12:45)	987.35	999.50 (24:00)	975.78 ( 0:45)	16.90	1.40 ( 6:30)	4.30 ( 7:00)	12.92	- ( : )	1.05 ( 1:15)	-
28	24.99	944.19 (12:15)	1002.73	1005.56 (10:45)	998.23 ( 3:15)	-	- ( : )	- ( : )	14.48	- ( : )	0.81 ( 6:00)	0.50
29	25.52	959.89 (12:30)	1000.95	1003.74 ( 7:45)	997.38 (17:30)	-	- ( : )	- ( : )	16.93	- ( : )	2.89 ( 5:15)	-
30	11.22	781.55 (11:00)	1001.02	1003.35 (24:00)	996.66 (16:00)	-	- ( : )	- ( : )	19.99	- ( : )	19.17 (24:00)	-
월	536.83	976.50 ( 4/25)	998.69	1008.18 ( 4/ 4)	975.78 ( 4/27)	79.80	2.00 ( 4/26)	6.90 ( 4/26)	16.67	- ( : )	0.43 ( 4/ 1)	9.25

표 7. 계속 (Continued: 2004년 5월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
1	23.51	912.69 (12:30)	1004.41	1007.14 ( 9:45)	1000.77 (17:30)	-	- ( : )	- ( : )	17.02	- ( : )	3.23 ( 6:45)	-
2	9.89	485.77 (12:00)	1000.88	1005.54 ( 1:15)	993.52 (19:30)	0.20	0.10 (15:30)	0.10 (16:00)	19.56	- ( : )	10.14 (15:30)	-
3	2.72	134.40 ( 9:15)	990.08	996.29 ( 0:15)	985.39 (17:00)	15.90	1.70 (15:45)	2.50 (16:00)	9.55	- ( : )	0.80 (13:45)	1.25
4	24.55	920.95 (11:45)	992.75	995.92 (22:00)	989.62 ( 0:45)	1.70	0.30 ( 0:45)	0.70 ( 1:00)	17.56	- ( : )	2.13 ( 6:30)	-
5	23.85	892.82 (12:45)	995.34	996.82 ( 8:30)	990.46 (16:30)	-	- ( : )	- ( : )	16.30	- ( : )	1.31 ( 6:00)	-
6	22.87	890.29 (12:45)	998.75	1003.76 (24:00)	992.43 ( 1:15)	-	- ( : )	- ( : )	19.03	- ( : )	12.10 ( 9:15)	-
7	23.16	943.17 (13:00)	1003.04	1006.38 ( 7:15)	997.24 (20:00)	-	- ( : )	- ( : )	16.59	- ( : )	2.78 ( 5:45)	-
8	11.16	457.52 ( 8:45)	996.95	1001.61 ( 0:15)	992.96 (18:45)	4.90	1.20 (24:00)	2.40 (24:00)	13.58	- ( : )	0.40 (24:00)	1.25
9	3.95	174.52 (12:00)	988.65	992.74 ( 0:15)	983.87 (23:45)	24.00	1.70 ( 0:30)	4.80 ( 1:00)	6.01	- ( : )	0.28 ( 2:15)	4.25
10	8.23	539.15 (12:45)	989.70	995.52 (24:00)	985.31 ( 2:30)	5.00	1.70 ( 4:15)	2.30 ( 5:00)	10.97	- ( : )	0.35 ( 4:15)	0.75
11	15.88	864.60 (11:45)	996.40	999.37 (10:45)	992.23 (19:00)	-	- ( : )	- ( : )	2.11	3.93 (16:30)	0.26 (24:00)	5.25
12	4.41	222.26 ( 9:15)	989.31	994.18 ( 0:30)	983.12 (20:30)	26.80	1.90 (20:30)	5.70 (18:00)	0.68	3.41 (11:15)	0.21 (15:45)	19.25
13	16.71	876.56 (11:30)	990.20	998.46 (24:00)	983.78 ( 1:30)	1.20	0.50 ( 1:00)	0.60 ( 1:00)	11.26	- ( : )	0.32 ( 1:30)	2.50
14	22.55	968.67 (12:45)	1001.09	1004.07 (10:00)	997.06 (15:30)	-	- ( : )	- ( : )	10.72	- ( : )	0.13 ( 6:15)	8.00
15	4.52	234.95 (12:00)	997.20	1001.59 ( 0:30)	993.17 (17:15)	2.20	0.40 ( 8:45)	0.90 ( 9:00)	5.80	- ( : )	0.77 ( 8:45)	2.00
16	16.65	862.56 (13:30)	993.10	995.52 ( 8:15)	988.89 (19:00)	-	- ( : )	- ( : )	9.31	- ( : )	0.53 ( 5:45)	2.75
17	13.48	793.12 (13:15)	992.35	997.73 (24:00)	987.32 ( 3:30)	-	- ( : )	- ( : )	13.28	- ( : )	1.95 (23:45)	-
18	23.56	892.50 (12:00)	993.21	998.01 ( 0:30)	987.99 (22:45)	-	- ( : )	- ( : )	13.44	- ( : )	0.30 ( 5:15)	5.00
19	21.56	898.62 (12:00)	986.69	990.18 ( 0:15)	983.05 (15:45)	-	- ( : )	- ( : )	19.93	- ( : )	16.41 (15:00)	-
20	22.82	874.28 (12:30)	983.64	986.57 ( 0:45)	977.87 (17:15)	-	- ( : )	- ( : )	18.90	- ( : )	10.27 (14:30)	-
21	19.70	988.42 (12:00)	983.39	987.56 (23:45)	979.68 ( 1:45)	2.90	1.00 ( 1:15)	1.90 ( 2:00)	14.89	- ( : )	1.46 ( 3:15)	-
22	24.37	980.02 (11:45)	989.57	992.80 (24:00)	987.01 ( 3:30)	-	- ( : )	- ( : )	18.14	- ( : )	5.09 ( 4:00)	-
23	21.56	922.03 (11:15)	993.98	996.29 (24:00)	991.10 (13:45)	-	- ( : )	- ( : )	19.99	- ( : )	19.50 ( 6:15)	-
24	5.55	717.38 ( 9:30)	997.53	998.98 (23:30)	995.85 (23:00)	-	- ( : )	- ( : )	16.80	- ( : )	4.12 ( 5:45)	-
25	25.62	922.22 (12:00)	998.63	1000.81 ( 8:30)	995.51 (16:15)	-	- ( : )	- ( : )	17.37	- ( : )	4.99 ( 5:30)	-
26	7.24	346.97 (14:15)	1000.25	1003.34 (23:15)	995.96 (18:00)	0.10	0.10 (13:00)	0.10 (13:00)	9.19	- ( : )	2.39 (24:00)	-
27	16.05	883.84 (12:15)	1001.46	1004.01 ( 8:00)	997.57 (19:30)	-	- ( : )	- ( : )	5.28	12.32 (13:00)	0.82 ( 5:45)	1.50
28	4.81	378.12 (11:00)	992.24	997.51 ( 0:15)	988.12 (21:15)	17.00	3.10 (19:45)	6.90 (20:00)	6.28	19.62 (22:00)	0.63 (19:45)	0.50
29	19.05	1052.47 (12:00)	993.26	995.19 (11:15)	990.75 ( 1:45)	0.20	0.10 ( 0:45)	0.10 ( 1:00)	6.75	18.18 ( 0:15)	1.34 (24:00)	-
30	14.29	920.77 (12:00)	992.58	994.91 ( 0:15)	988.89 (15:15)	0.50	0.10 (22:30)	0.30 (23:00)	1.77	7.12 (14:15)	0.07 ( 6:15)	10.25
31	22.85	944.65 (13:45)	998.07	1002.28 (22:00)	993.05 ( 0:15)	0.30	0.10 (11:45)	0.20 ( 1:00)	11.29	- ( : )	0.25 ( 3:00)	3.25
월	497.11	1052.47 ( 5/29)	994.31	1007.14 ( 5/ 1)	977.87 ( 5/20)	102.90	3.10 ( 5/28)	6.90 ( 5/28)	12.19	- ( : )	0.07 ( 5/30)	67.75

표 7. 계속 (Continued: 2004년 6월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
1	26.89	998.20 (12:00)	1003.75	1005.69 ( 8:15)	998.49 (18:30)	-	- ( : )	- ( : )	13.63	- ( : )	2.06 ( 7:45)	-
2	25.23	930.19 (12:30)	1003.25	1005.08 ( 0:15)	999.68 (20:00)	-	- ( : )	- ( : )	6.74	15.03 (23:45)	0.51 ( 5:15)	1.75
3	23.63	943.19 (12:45)	1002.77	1004.65 ( 8:15)	998.49 (17:30)	-	- ( : )	- ( : )	12.46	- ( : )	1.59 ( 4:00)	-
4	23.13	920.84 (13:00)	1001.46	1004.43 ( 7:30)	997.01 (18:30)	-	- ( : )	- ( : )	8.01	- ( : )	0.96 ( 7:45)	0.50
5	21.02	895.85 (12:15)	997.49	999.47 ( 9:15)	993.34 (20:15)	-	- ( : )	- ( : )	11.98	- ( : )	2.01 ( 7:15)	-
6	20.39	993.33 (11:45)	995.17	997.36 ( 9:45)	991.82 (21:30)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
7	9.30	477.79 (16:15)	993.58	995.51 (22:30)	990.73 ( 6:00)	1.00	0.30 (12:45)	0.70 (13:00)	17.28	- ( : )	2.00 (12:45)	-
8	10.74	699.83 (11:30)	995.55	996.69 (10:45)	993.44 ( 7:45)	3.70	0.60 ( 5:45)	1.00 ( 6:00)	8.36	- ( : )	1.21 ( 9:30)	-
9	19.66	890.17 (12:15)	996.82	998.53 (23:45)	992.57 (17:45)	-	- ( : )	- ( : )	6.80	18.28 (15:00)	1.17 (23:45)	-
10	24.52	903.43 (12:45)	999.75	1001.76 ( 8:00)	994.83 (19:15)	-	- ( : )	- ( : )	3.37	11.24 (19:45)	0.26 ( 5:30)	6.25
11	25.07	1011.66 (11:45)	998.97	1001.68 ( 8:00)	995.04 (20:30)	-	- ( : )	- ( : )	15.40	- ( : )	0.93 (23:45)	0.50
12	22.09	828.72 (14:00)	999.08	1003.08 (24:00)	995.62 ( 5:15)	-	- ( : )	- ( : )	9.74	- ( : )	0.15 ( 5:30)	8.50
13	25.81	933.26 (12:00)	1002.11	1004.53 ( 8:15)	995.98 (15:15)	-	- ( : )	- ( : )	16.85	- ( : )	4.69 (16:00)	-
14	25.58	959.22 (12:15)	1000.45	1002.00 ( 6:45)	996.80 (16:30)	-	- ( : )	- ( : )	14.19	- ( : )	2.06 ( 5:45)	-
15	24.09	955.49 (12:45)	999.58	1001.24 ( 8:45)	993.84 (18:00)	-	- ( : )	- ( : )	19.50	- ( : )	13.63 (22:45)	-
16	20.98	916.66 (11:00)	998.91	1001.26 ( 8:15)	994.95 (19:15)	-	- ( : )	- ( : )	16.89	- ( : )	4.24 ( 7:00)	-
17	4.01	139.89 (16:15)	997.84	1000.56 ( 8:15)	993.51 (21:00)	51.60	4.00 (10:45)	11.90 (11:00)	7.70	- ( : )	0.12 ( 8:30)	8.75
18	14.20	936.34 (13:45)	993.58	995.89 ( 0:15)	990.76 (14:00)	1.20	0.70 ( 3:15)	0.70 ( 4:00)	9.83	- ( : )	0.65 ( 3:15)	1.25
19	3.39	151.29 (13:15)	989.57	993.02 ( 9:00)	983.46 (24:00)	128.30	5.60 (20:15)	16.30 (20:00)	2.15	13.00 (13:30)	0.15 (19:30)	9.00
20	3.37	180.10 (10:30)	983.47	985.14 ( 0:15)	980.23 (17:00)	99.80	21.90 (23:00)	38.20 (23:00)	6.00	- ( : )	0.08 (23:15)	4.50
21	9.71	750.61 (11:45)	981.49	985.39 (24:00)	977.20 (18:30)	111.10	13.10 ( 2:30)	42.00 ( 2:00)	10.69	- ( : )	0.05 ( 1:30)	4.50
22	18.24	832.16 (13:30)	986.00	988.61 ( 8:30)	981.83 (20:15)	25.80	12.50 (20:30)	19.10 (21:00)	7.70	- ( : )	0.24 (20:30)	0.50
23	15.50	857.83 (12:30)	987.48	990.09 (23:00)	983.31 ( 4:45)	4.40	3.30 ( 0:15)	4.00 ( 1:00)	4.90	19.00 (21:30)	0.40 ( 2:45)	4.00
24	11.18	519.65 (13:15)	986.80	989.74 ( 0:15)	983.14 (23:15)	0.10	0.10 ( 5:15)	0.10 ( 6:00)	7.91	19.98 (22:30)	1.70 ( 5:30)	-
25	11.59	584.32 ( 9:30)	985.44	988.80 (23:30)	982.35 ( 7:45)	-	- ( : )	- ( : )	19.78	- ( : )	14.46 (24:00)	-
26	18.32	855.40 (12:00)	989.47	992.65 (24:00)	985.74 ( 0:30)	-	- ( : )	- ( : )	14.71	- ( : )	3.00 ( 5:00)	-
27	18.06	914.46 (12:45)	992.18	993.67 (11:00)	989.20 (19:00)	5.50	5.40 (17:45)	5.50 (18:00)	11.24	- ( : )	0.37 (23:45)	2.00
28	11.58	671.11 (14:30)	991.30	993.62 ( 9:30)	986.99 (20:30)	0.10	0.10 ( 8:00)	0.10 ( 8:00)	5.26	18.53 (16:45)	0.45 ( 0:15)	4.75
29	16.97	907.25 (14:00)	988.30	989.65 ( 3:45)	986.26 (22:00)	-	- ( : )	- ( : )	6.00	12.71 (17:00)	2.00 ( 2:45)	-
30	13.56	712.91 (13:15)	990.72	992.59 (24:00)	987.31 (14:45)	-	- ( : )	- ( : )	3.36	9.42 (24:00)	1.96 (20:45)	-
월	517.79	1011.66 ( 6/11)	994.40	1005.69 ( 6/ 1)	977.20 ( 6/21)	432.60	21.90 ( 6/20)	42.00 ( 6/21)	10.61	- ( : )	0.05 ( 6/21)	56.75

표 7. 계속 (Continued: 2004년 7월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
1	18.21	882.53 (13:30)	990.28	992.76 ( 0:15)	985.93 (16:15)	10.90	4.50 ( 2:45)	9.20 ( 3:00)	9.08	19.48 ( 9:45)	0.27 ( 3:00)	0.75
2	7.51	368.27 (15:15)	986.19	987.63 ( 0:15)	983.53 (18:00)	8.80	2.00 ( 6:30)	4.60 ( 7:00)	9.59	19.96 (14:45)	0.26 ( 7:45)	6.00
3	6.01	416.65 (12:00)	987.49	989.06 (22:45)	985.08 ( 2:15)	19.90	1.80 (23:15)	4.60 (21:00)	5.19	19.51 ( 0:45)	0.29 (17:15)	5.25
4	4.26	265.70 (14:45)	976.00	987.89 ( 0:30)	966.59 (21:00)	17.50	2.50 ( 0:45)	6.50 ( 1:00)	11.30	- ( : )	0.34 ( 0:30)	2.75
5	16.87	888.75 (14:30)	983.06	989.29 (24:00)	970.80 ( 0:30)	8.60	2.20 ( 2:00)	4.70 ( 2:00)	14.13	- ( : )	1.38 ( 2:00)	-
6	16.30	833.85 (12:00)	990.72	992.15 (22:15)	988.50 (15:30)	-	- ( : )	- ( : )	6.95	13.15 ( 6:30)	2.16 ( 1:00)	-
7	3.67	160.40 (14:00)	987.93	991.47 ( 0:15)	982.44 (17:00)	29.60	2.90 (11:45)	6.60 (12:00)	3.37	19.17 (18:15)	0.14 ( 6:15)	5.75
8	8.89	496.08 (15:15)	990.12	993.29 (24:00)	985.74 ( 1:30)	0.20	0.10 ( 2:45)	0.10 ( 3:00)	7.89	- ( : )	0.82 ( 1:15)	0.25
9	19.04	951.51 (12:45)	993.53	995.44 (10:45)	990.39 (20:00)	-	- ( : )	- ( : )	6.93	18.80 (18:30)	0.90 ( 3:45)	0.25
10	20.59	905.49 (12:45)	992.34	994.16 ( 9:15)	989.86 ( 4:30)	-	- ( : )	- ( : )	3.26	10.89 (14:00)	0.31 ( 5:15)	8.00
11	9.50	448.00 ( 9:30)	991.34	992.97 ( 7:30)	985.85 (23:00)	7.30	1.00 (20:45)	1.80 (21:00)	1.21	3.45 (12:45)	0.16 (22:15)	12.50
12	9.45	582.61 (12:00)	986.72	989.21 (23:15)	983.29 ( 7:30)	30.60	5.20 ( 7:00)	14.80 ( 7:00)	7.43	18.35 (13:45)	0.14 ( 6:45)	6.25
13	7.09	899.72 (12:15)	990.77	995.13 (23:30)	988.06 ( 3:15)	12.90	4.40 ( 3:30)	9.10 ( 4:00)	2.79	8.07 (12:15)	0.20 ( 3:45)	3.00
14	6.03	462.13 (16:30)	996.01	998.17 (23:15)	990.86 (10:30)	5.60	1.30 (13:30)	3.40 (14:00)	6.58	- ( : )	0.27 ( 1:15)	9.50
15	4.76	237.68 (13:30)	998.12	999.04 (13:00)	994.06 ( 3:30)	28.70	5.60 (14:30)	11.30 (15:00)	7.11	- ( : )	0.30 ( 5:45)	2.75
16	5.97	305.81 (12:45)	994.74	997.34 ( 0:15)	991.73 (22:15)	78.60	16.70 ( 8:00)	31.50 ( 8:00)	14.26	- ( : )	0.05 ( 8:00)	1.25
17	5.98	382.85 ( 9:15)	991.91	993.53 (12:30)	988.69 ( 6:45)	54.30	13.50 ( 7:15)	18.10 ( 8:00)	11.25	- ( : )	0.45 (10:15)	1.00
18	14.30	1051.42 (12:45)	991.23	992.54 (23:15)	987.77 (17:00)	-	- ( : )	- ( : )	17.14	- ( : )	3.69 ( 4:30)	-
19	11.24	643.48 (12:15)	993.27	996.00 (24:00)	989.02 ( 1:15)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
20	14.89	874.65 (14:00)	997.21	1000.17 (23:15)	992.80 ( 2:45)	-	- ( : )	- ( : )	18.24	- ( : )	4.56 (24:00)	-
21	15.87	929.98 (12:15)	1000.55	1002.68 (10:15)	996.06 (21:00)	-	- ( : )	- ( : )	8.73	18.86 (12:30)	2.29 ( 1:45)	-
22	22.16	917.20 (13:15)	998.38	1000.74 ( 8:30)	993.72 (22:30)	-	- ( : )	- ( : )	10.80	- ( : )	2.49 ( 5:30)	-
23	24.37	921.22 (13:00)	994.06	996.51 ( 7:45)	989.28 (24:00)	-	- ( : )	- ( : )	6.12	17.85 (13:30)	0.81 ( 3:00)	1.25
24	22.59	891.80 (12:45)	990.87	992.22 ( 0:15)	986.83 (16:45)	-	- ( : )	- ( : )	10.70	- ( : )	1.11 ( 6:00)	-
25	17.48	803.80 (10:00)	991.42	993.82 (13:30)	987.70 (18:00)	-	- ( : )	- ( : )	13.57	- ( : )	2.48 ( 3:45)	-
26	20.61	862.01 (12:30)	994.43	996.33 (22:15)	990.83 ( 2:45)	-	- ( : )	- ( : )	16.88	- ( : )	4.65 ( 6:00)	-
27	16.22	724.31 (13:45)	996.14	997.65 (24:00)	992.54 ( 4:00)	-	- ( : )	- ( : )	14.61	- ( : )	1.79 ( 5:45)	-
28	19.42	1054.19 (12:15)	997.47	999.46 (10:30)	993.97 (13:45)	-	- ( : )	- ( : )	17.59	- ( : )	3.96 ( 5:45)	-
29	24.48	948.45 (11:15)	996.74	998.68 ( 8:00)	993.18 (23:45)	-	- ( : )	- ( : )	16.85	- ( : )	6.36 ( 5:45)	-
30	21.27	876.63 (11:15)	994.51	996.14 ( 8:45)	991.35 (16:15)	-	- ( : )	- ( : )	14.40	- ( : )	4.55 ( 5:00)	-
31	23.94	882.82 (13:30)	991.98	994.33 ( 0:15)	987.50 (17:45)	-	- ( : )	- ( : )	16.35	- ( : )	6.24 (19:15)	-
월	438.97	1054.19 ( 7/28)	992.11	1002.68 ( 7/21)	966.59 ( 7/ 4)	313.50	16.70 ( 7/16)	31.50 ( 7/16)	10.65	- ( : )	0.05 ( 7/16)	66.50



표 7. 계속 (Continued: 2004년 8월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
1	24.86	948.31 (13:15)	989.19	990.61 ( 0:15)	986.56 (19:00)	-	- ( : )	- ( : )	15.92	- ( : )	5.72 ( 3:30)	-
2	23.33	913.60 (12:00)	990.17	991.75 (10:15)	987.23 (20:15)	-	- ( : )	- ( : )	19.74	- ( : )	17.77 ( 5:45)	-
3	18.37	976.44 (13:00)	990.54	992.03 ( 9:00)	988.36 (18:00)	-	- ( : )	- ( : )	15.17	- ( : )	7.10 ( 5:30)	-
4	15.84	916.91 (12:45)	991.19	992.57 (21:45)	987.89 ( 6:15)	2.10	0.40 (21:45)	0.60 (19:00)	9.70	17.10 ( 0:15)	1.52 (18:15)	-
5	18.92	949.81 (14:30)	994.00	997.20 (23:30)	990.28 ( 7:30)	3.00	1.40 (17:45)	1.90 (18:00)	8.52	18.64 (16:15)	1.10 (24:00)	-
6	20.93	959.09 (12:00)	996.69	998.03 ( 8:15)	992.95 (17:15)	-	- ( : )	- ( : )	12.36	- ( : )	0.88 ( 6:30)	0.50
7	21.54	929.77 (13:30)	995.07	997.34 ( 8:15)	991.25 (18:45)	-	- ( : )	- ( : )	13.70	- ( : )	1.49 ( 5:45)	-
8	22.97	959.94 (11:30)	992.87	994.22 ( 8:15)	990.14 (20:00)	-	- ( : )	- ( : )	14.16	- ( : )	1.41 ( 5:00)	-
9	19.61	978.00 (13:00)	992.94	994.53 (10:45)	988.88 (21:15)	-	- ( : )	- ( : )	12.92	- ( : )	5.58 (24:00)	-
10	20.50	909.23 (13:45)	993.56	995.44 (24:00)	988.87 (14:15)	0.40	0.30 (17:15)	0.40 (18:00)	8.84	19.79 (19:15)	2.23 ( 7:45)	-
11	23.86	931.83 (12:45)	994.98	996.96 (10:00)	991.65 (15:30)	-	- ( : )	- ( : )	13.67	- ( : )	2.42 ( 4:15)	-
12	23.12	929.49 (13:00)	993.65	995.03 ( 0:15)	990.03 (16:45)	-	- ( : )	- ( : )	10.33	18.27 (10:00)	3.50 (22:30)	-
13	22.07	889.18 (13:00)	994.53	995.87 (10:15)	991.23 (18:15)	0.10	0.10 (19:30)	0.10 (20:00)	6.56	14.51 (11:30)	1.20 ( 5:45)	-
14	14.70	890.47 (11:45)	994.72	996.15 ( 8:30)	992.06 (19:30)	3.40	3.30 (14:00)	3.30 (14:00)	7.45	18.45 (19:45)	0.86 (14:00)	0.25
15	16.39	920.29 (13:15)	993.99	995.39 ( 9:45)	990.92 ( 4:00)	0.10	0.10 ( 6:45)	0.10 ( 7:00)	14.85	- ( : )	1.85 ( 6:00)	-
16	10.35	831.93 (12:15)	992.76	994.15 ( 0:15)	990.07 (14:00)	13.00	2.30 (21:30)	6.00 (22:00)	14.91	- ( : )	0.36 (21:45)	1.50
17	15.17	920.24 (13:15)	991.34	992.47 ( 9:45)	987.91 ( 7:00)	5.60	4.50 (13:00)	5.50 (13:00)	8.79	- ( : )	0.35 (13:00)	2.50
18	1.43	64.79 (11:30)	988.49	991.50 ( 0:30)	983.69 (23:30)	90.70	5.70 (15:00)	16.10 (15:00)	4.99	- ( : )	0.15 (13:15)	10.25
19	8.47	683.45 (13:30)	984.14	993.02 (24:00)	977.03 ( 7:15)	31.60	2.40 ( 9:30)	6.00 ( 9:00)	14.41	- ( : )	0.58 ( 8:00)	1.00
20	9.70	542.89 (15:00)	995.39	997.34 (23:45)	990.81 ( 3:00)	-	- ( : )	- ( : )	19.96	- ( : )	18.67 (24:00)	-
21	10.48	913.21 (13:45)	998.09	999.44 (11:30)	994.84 ( 4:45)	0.10	0.10 (17:45)	0.10 (18:00)	16.92	- ( : )	4.89 (22:30)	-
22	5.18	399.50 (14:00)	998.51	999.62 (10:15)	995.64 (14:45)	6.70	0.70 (23:00)	1.50 (24:00)	16.91	- ( : )	3.15 (11:30)	-
23	9.52	570.47 (12:45)	996.34	998.47 ( 0:15)	992.08 (16:15)	10.40	1.00 ( 1:30)	3.60 ( 2:00)	16.83	- ( : )	1.42 ( 2:00)	-
24	18.59	890.78 (13:30)	995.41	997.27 (10:00)	991.26 (17:45)	-	- ( : )	- ( : )	19.94	- ( : )	17.36 (23:15)	-
25	12.96	728.59 (12:45)	994.59	996.20 (10:30)	989.93 (19:15)	0.50	0.10 (21:15)	0.20 (24:00)	12.79	- ( : )	1.70 ( 5:30)	-
26	6.40	319.95 (12:00)	993.44	994.70 ( 7:00)	989.99 ( 3:45)	9.90	0.80 ( 4:00)	2.30 ( 5:00)	11.74	- ( : )	0.21 ( 7:30)	4.25
27	15.11	772.15 (13:45)	993.61	995.31 (22:45)	990.84 (14:00)	0.40	0.10 ( 1:00)	0.30 ( 1:00)	15.90	- ( : )	3.42 ( 0:30)	-
28	21.11	937.21 (12:15)	993.11	995.10 ( 1:00)	989.10 (15:30)	-	- ( : )	- ( : )	19.99	- ( : )	19.30 ( 9:45)	-
29	22.98	889.11 (12:15)	990.37	992.76 ( 0:15)	985.85 (17:00)	-	- ( : )	- ( : )	19.98	- ( : )	19.28 (23:30)	-
30	10.89	480.37 (11:15)	982.95	987.75 ( 0:15)	976.22 (18:15)	0.10	0.10 (13:00)	0.10 (13:00)	18.90	- ( : )	4.81 ( 6:00)	-
31	18.98	769.61 (12:00)	988.92	991.39 (23:00)	984.14 ( 2:30)	-	- ( : )	- ( : )	15.23	- ( : )	0.35 (23:45)	1.75
월	504.32	978.00 ( 8/ 9)	992.76	999.62 ( 8/22)	976.22 ( 8/30)	178.10	5.70 ( 8/18)	16.10 ( 8/18)	13.95	- ( : )	0.15 ( 8/18)	22.00

표 7. 계속 (Continued: 2004년 9월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
1	13.56	821.66 (13:15)	992.40	995.17 (23:45)	989.96 ( 4:15)	0.50	0.40 (12:30)	0.50 (13:00)	9.25	- ( : )	0.21 ( 5:00)	8.00
2	20.59	865.19 (13:15)	996.99	999.58 (23:45)	993.02 ( 5:45)	-	- ( : )	- ( : )	17.52	- ( : )	4.87 ( 6:15)	-
3	19.28	872.39 (13:00)	1000.15	1001.60 (10:15)	996.18 (15:45)	-	- ( : )	- ( : )	17.02	- ( : )	3.44 ( 5:00)	-
4	17.57	824.56 (11:15)	999.13	1001.54 ( 9:45)	993.41 (17:15)	-	- ( : )	- ( : )	15.38	- ( : )	2.81 ( 3:45)	-
5	18.17	847.34 (14:00)	997.20	998.61 ( 7:00)	993.50 (18:45)	-	- ( : )	- ( : )	16.92	- ( : )	2.51 ( 6:30)	-
6	16.74	989.33 (12:00)	992.72	996.63 ( 7:30)	987.12 (24:00)	12.80	4.50 ( 4:30)	6.90 ( 5:00)	14.45	- ( : )	0.22 ( 5:15)	2.75
7	5.26	199.37 (10:45)	979.82	986.65 ( 0:15)	972.30 (13:15)	10.10	3.00 (13:45)	7.30 (14:00)	16.86	- ( : )	1.22 (14:00)	-
8	17.84	901.06 (13:15)	993.32	998.51 (24:00)	986.06 ( 0:15)	0.10	0.10 ( 3:00)	0.10 ( 3:00)	15.07	- ( : )	2.46 ( 3:00)	-
9	13.21	794.89 (13:45)	1000.74	1004.13 (23:45)	998.26 ( 0:45)	-	- ( : )	- ( : )	12.92	- ( : )	1.40 ( 5:45)	-
10	11.05	714.64 (10:30)	1005.79	1007.94 (23:30)	1002.33 ( 1:00)	0.30	0.10 (23:45)	0.30 (24:00)	12.05	- ( : )	0.07 ( 5:30)	3.75
11	2.68	144.69 (11:15)	1004.71	1007.53 ( 0:15)	1000.60 (19:45)	24.80	1.00 ( 2:00)	2.80 ( 2:00)	10.39	- ( : )	0.48 ( 2:00)	1.50
12	7.39	339.83 (15:15)	999.57	1002.29 ( 0:15)	996.13 (12:45)	7.40	1.70 (14:00)	4.50 (14:00)	16.64	- ( : )	1.54 (13:45)	-
13	5.16	357.95 (15:00)	1001.44	1003.39 (24:00)	999.03 ( 5:45)	8.70	1.40 ( 2:45)	2.80 ( 5:00)	11.35	- ( : )	0.34 (24:00)	0.75
14	18.60	908.25 (12:45)	1002.49	1003.75 (10:15)	998.82 (16:00)	-	- ( : )	- ( : )	12.79	- ( : )	0.11 ( 2:15)	7.25
15	16.66	872.63 (12:45)	1002.36	1003.81 (10:30)	998.81 (17:30)	-	- ( : )	- ( : )	13.79	- ( : )	2.31 (16:00)	-
16	11.64	730.68 (13:30)	1001.84	1004.00 (24:00)	998.05 ( 2:00)	26.10	7.20 ( 8:15)	16.40 ( 9:00)	14.50	- ( : )	0.10 ( 8:15)	1.25
17	13.74	819.63 (12:00)	1002.99	1004.78 ( 8:45)	1000.77 (12:00)	1.30	0.40 (20:30)	0.60 (21:00)	12.53	- ( : )	0.70 ( 4:30)	2.50
18	8.16	546.10 (15:30)	997.34	1001.71 ( 0:15)	993.87 (13:15)	11.60	2.10 ( 6:30)	4.60 ( 7:00)	14.96	- ( : )	0.51 ( 6:30)	0.25
19	18.92	829.82 (13:15)	1001.57	1003.51 ( 9:30)	998.11 (15:00)	-	- ( : )	- ( : )	13.79	- ( : )	1.39 ( 8:30)	-
20	3.12	187.85 (10:15)	999.80	1002.68 ( 9:30)	996.30 (16:30)	27.20	2.90 (17:30)	8.40 (18:00)	10.36	- ( : )	0.33 (16:30)	2.25
21	12.15	781.59 (13:45)	1000.28	1002.99 (22:00)	997.59 ( 1:30)	-	- ( : )	- ( : )	11.78	- ( : )	0.60 ( 7:00)	1.00
22	16.01	797.15 (12:45)	1002.39	1005.08 (10:00)	1000.23 (16:15)	-	- ( : )	- ( : )	10.78	- ( : )	0.23 ( 5:15)	4.50
23	11.57	709.06 (10:45)	1002.55	1004.65 (23:45)	997.11 (13:15)	-	- ( : )	- ( : )	19.18	- ( : )	9.84 ( 2:45)	-
24	18.48	792.73 (12:30)	1006.39	1009.16 (23:45)	1003.12 (14:45)	-	- ( : )	- ( : )	15.57	- ( : )	1.85 ( 6:15)	-
25	14.50	679.46 (11:30)	1008.83	1010.73 (10:00)	1005.49 (16:30)	-	- ( : )	- ( : )	19.88	- ( : )	17.60 ( 1:45)	-
26	6.30	440.06 ( 9:30)	1005.49	1008.21 ( 0:15)	1000.84 (18:00)	0.70	0.20 (20:45)	0.30 (21:00)	17.67	- ( : )	3.20 (22:45)	-
27	17.52	834.57 (12:45)	1001.53	1003.96 ( 0:15)	997.25 (19:30)	0.10	0.10 ( 8:45)	0.10 ( 9:00)	14.50	- ( : )	2.70 ( 6:45)	-
28	11.21	746.94 (13:15)	1000.57	1002.63 (10:00)	998.01 (12:45)	-	- ( : )	- ( : )	12.83	- ( : )	0.17 ( 5:30)	2.50
29	18.26	808.31 (12:45)	1000.25	1003.24 (24:00)	996.82 ( 6:00)	-	- ( : )	- ( : )	20.00	- ( : )	19.97 (24:00)	-
30	17.42	768.87 (12:30)	1005.46	1008.18 ( 9:45)	1002.41 (15:45)	-	- ( : )	- ( : )	14.70	- ( : )	0.05 ( 7:15)	2.25
월	402.74	989.33 ( 9/ 6)	1000.20	1010.73 ( 9/25)	972.30 ( 9/ 7)	131.70	7.20 ( 9/16)	16.40 ( 9/16)	14.51	- ( : )	0.05 ( 9/30)	40.50

표 7. 계속 (Continued: 2004년 10월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
1	8.96	820.82 (11:30)	1002.19	1005.89 (24:00)	996.52 (17:30)	2.60	0.90 (16:00)	1.40 (16:00)	17.63	- ( : )	3.93 (16:00)	-
2	17.37	785.76 (12:30)	1007.65	1009.56 (24:00)	1003.95 ( 2:15)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
3	18.36	799.37 (12:45)	1009.34	1010.88 (10:00)	1006.61 (12:45)	-	- ( : )	- ( : )	17.43	- ( : )	3.52 (24:00)	-
4	16.65	887.63 (12:00)	1008.46	1011.00 ( 8:15)	1003.73 (14:30)	-	- ( : )	- ( : )	13.40	- ( : )	1.13 ( 2:15)	-
5	17.29	772.33 (12:15)	1005.56	1007.55 ( 0:15)	1001.86 (16:15)	-	- ( : )	- ( : )	15.30	- ( : )	1.27 (23:45)	-
6	16.26	769.83 (12:00)	1004.09	1006.80 (10:00)	1000.09 (18:15)	-	- ( : )	- ( : )	11.51	- ( : )	1.44 (24:00)	-
7	10.39	543.08 (11:00)	1002.69	1004.33 ( 9:15)	999.12 (19:45)	-	- ( : )	- ( : )	5.53	19.25 (15:45)	0.76 ( 5:45)	0.50
8	13.39	667.74 (13:15)	999.55	1002.05 ( 2:00)	996.23 (21:30)	-	- ( : )	- ( : )	9.45	- ( : )	0.32 ( 6:15)	7.75
9	10.49	809.10 (14:00)	998.35	1000.48 (22:15)	996.33 ( 5:45)	-	- ( : )	- ( : )	15.13	- ( : )	0.63 ( 5:15)	1.00
10	15.78	706.88 (12:15)	1001.51	1003.38 (22:30)	997.94 (16:15)	-	- ( : )	- ( : )	18.03	- ( : )	6.41 ( 7:00)	-
11	13.04	677.84 (12:15)	1001.49	1003.58 ( 8:30)	997.23 (18:00)	-	- ( : )	- ( : )	11.95	- ( : )	2.02 ( 5:45)	-
12	15.74	766.07 (12:30)	1002.53	1007.28 (24:00)	998.98 ( 2:30)	-	- ( : )	- ( : )	12.94	- ( : )	0.84 ( 5:30)	3.75
13	15.85	741.89 (12:15)	1006.52	1008.98 ( 9:00)	1002.72 (21:30)	3.70	2.30 (23:45)	3.70 (24:00)	19.47	- ( : )	1.70 (23:45)	-
14	16.74	741.87 (12:30)	1009.76	1012.44 (22:30)	1005.76 ( 6:15)	0.30	0.10 ( 6:45)	0.20 ( 1:00)	18.69	- ( : )	2.18 ( 3:00)	-
15	16.19	719.37 (12:30)	1010.01	1012.13 ( 8:45)	1005.47 (16:30)	-	- ( : )	- ( : )	19.39	- ( : )	2.83 (24:00)	-
16	14.38	713.62 (11:45)	1009.88	1013.27 (24:00)	1007.41 (14:45)	-	- ( : )	- ( : )	11.28	- ( : )	0.07 ( 7:30)	4.75
17	14.46	672.78 (12:15)	1013.10	1015.37 ( 9:15)	1009.70 (20:30)	-	- ( : )	- ( : )	15.85	- ( : )	8.26 (18:45)	-
18	7.64	363.97 (12:00)	1008.48	1012.49 ( 0:15)	1005.00 (22:15)	-	- ( : )	- ( : )	15.71	- ( : )	2.32 (23:15)	-
19	11.58	679.32 (12:00)	1002.07	1005.75 ( 0:15)	996.18 (15:15)	-	- ( : )	- ( : )	10.58	- ( : )	0.15 ( 4:30)	4.75
20	12.77	677.73 (11:45)	996.32	1001.05 (23:45)	992.25 (14:45)	-	- ( : )	- ( : )	15.88	- ( : )	3.42 ( 5:45)	-
21	14.42	640.53 (12:15)	1002.44	1005.59 (24:00)	1000.33 (14:30)	-	- ( : )	- ( : )	11.29	- ( : )	0.06 ( 7:45)	1.75
22	15.63	693.25 (12:15)	1010.49	1013.80 (23:45)	1003.72 ( 3:30)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
23	14.80	688.94 (12:15)	1015.05	1017.30 ( 9:45)	1011.36 (14:15)	-	- ( : )	- ( : )	18.58	- ( : )	4.56 ( 4:45)	-
24	13.77	647.69 (12:30)	1014.84	1017.02 ( 8:45)	1009.80 (16:00)	-	- ( : )	- ( : )	19.51	- ( : )	16.01 (22:00)	-
25	6.50	364.71 (11:15)	1012.88	1015.21 ( 8:30)	1006.83 (18:00)	-	- ( : )	- ( : )	7.59	- ( : )	0.77 ( 7:00)	1.00
26	13.85	643.57 (12:45)	1008.90	1011.44 (23:30)	1006.45 (20:00)	-	- ( : )	- ( : )	14.30	- ( : )	1.98 ( 5:15)	-
27	13.42	609.42 (12:30)	1012.02	1013.93 ( 9:45)	1007.40 ( 4:45)	-	- ( : )	- ( : )	19.37	- ( : )	8.84 (24:00)	-
28	11.18	595.44 (12:45)	1013.61	1015.51 ( 9:30)	1009.89 (15:45)	-	- ( : )	- ( : )	11.82	- ( : )	2.29 (24:00)	-
29	12.39	608.45 (12:30)	1012.71	1014.81 ( 9:45)	1007.22 (17:45)	-	- ( : )	- ( : )	8.58	- ( : )	1.23 ( 1:00)	-
30	13.12	611.18 (12:45)	1009.60	1012.30 ( 9:15)	1004.41 (19:30)	-	- ( : )	- ( : )	8.05	- ( : )	0.31 ( 7:15)	4.75
31	13.11	603.58 (12:15)	1004.31	1008.04 ( 0:15)	1000.43 (21:15)	-	- ( : )	- ( : )	10.74	- ( : )	0.40 ( 5:45)	6.00
월	425.53	887.63 (10/ 4)	1006.98	1017.30 (10/23)	992.25 (10/20)	6.60	2.30 (10/13)	3.70 (10/13)	14.35	- ( : )	0.06 (10/21)	36.00

표 7. 계속 (Continued: 2004년 11월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
1	9.03	531.66 (12:45)	998.61	1001.96 ( 0:15)	992.70 (23:15)	12.10	1.80 (23:15)	3.60 (22:00)	5.96	- ( : )	0.10 (20:15)	6.75
2	6.34	518.16 (14:15)	999.46	1001.99 (21:45)	996.80 (16:45)	2.00	0.40 (13:00)	1.00 (13:00)	12.01	- ( : )	0.89 ( 6:00)	1.00
3	6.39	537.15 (13:00)	1004.75	1007.80 (22:45)	999.27 ( 1:30)	0.60	0.20 ( 2:15)	0.30 ( 2:00)	16.61	- ( : )	3.18 ( 1:45)	-
4	9.86	567.55 (12:45)	1008.10	1010.06 (10:00)	1003.62 ( 3:45)	-	- ( : )	- ( : )	12.06	- ( : )	1.14 (23:00)	-
5	7.84	418.29 (12:45)	1005.23	1008.65 ( 0:15)	1001.39 (14:30)	0.10	0.10 (23:30)	0.10 (24:00)	7.12	- ( : )	0.44 ( 7:00)	7.25
6	13.78	635.35 (12:00)	1006.48	1008.77 (22:45)	1002.70 ( 0:15)	-	- ( : )	- ( : )	17.40	- ( : )	2.03 ( 0:15)	-
7	12.19	572.69 (12:30)	1009.28	1011.33 ( 9:30)	1007.29 (18:45)	-	- ( : )	- ( : )	12.73	- ( : )	1.96 ( 7:15)	-
8	10.66	515.04 (12:45)	1010.70	1013.09 (23:30)	1007.58 (12:15)	-	- ( : )	- ( : )	11.69	- ( : )	0.64 ( 4:30)	2.25
9	10.60	517.77 (12:00)	1012.19	1014.34 (10:00)	1008.49 (23:00)	-	- ( : )	- ( : )	13.55	- ( : )	1.98 ( 7:30)	-
10	2.72	184.85 (10:00)	1003.76	1011.03 ( 0:15)	995.57 (16:15)	7.10	1.20 (14:45)	3.70 (15:00)	7.92	19.74 ( 0:15)	0.42 (14:45)	2.00
11	2.42	169.99 (15:30)	1000.98	1006.43 (23:45)	995.63 ( 0:45)	0.60	0.10 (12:45)	0.20 (13:00)	14.61	- ( : )	0.98 ( 0:30)	0.25
12	11.99	615.70 (12:30)	1012.50	1016.96 (22:00)	1006.15 ( 3:00)	0.10	0.10 ( 3:15)	0.10 ( 4:00)	20.00	- ( : )	- ( : )	-
13	4.06	233.70 (10:00)	1013.92	1017.46 ( 3:15)	1008.82 (22:45)	-	- ( : )	- ( : )	18.96	- ( : )	9.21 ( 9:30)	-
14	10.68	535.60 (12:45)	1007.58	1011.71 ( 0:15)	1000.13 (16:30)	-	- ( : )	- ( : )	13.36	- ( : )	3.78 ( 8:00)	-
15	12.32	571.13 (12:15)	1006.14	1010.19 (22:15)	1001.89 ( 5:15)	-	- ( : )	- ( : )	15.28	- ( : )	2.37 ( 1:45)	-
16	8.19	588.38 (12:00)	1009.98	1011.98 (22:30)	1005.83 ( 3:45)	-	- ( : )	- ( : )	20.00	- ( : )	19.69 (10:15)	-
17	1.77	260.06 (10:00)	1011.83	1014.46 (10:15)	1009.92 ( 6:00)	-	- ( : )	- ( : )	11.50	- ( : )	2.80 ( 7:45)	-
18	7.95	428.41 (13:15)	1010.23	1012.45 ( 1:30)	1005.20 (22:30)	-	- ( : )	- ( : )	4.02	12.97 (13:30)	0.51 ( 6:30)	2.25
19	7.44	394.77 (13:00)	1007.95	1009.70 ( 0:15)	1003.29 (16:00)	-	- ( : )	- ( : )	2.43	8.66 (14:45)	0.03 ( 5:15)	8.50
20	6.04	345.33 (12:00)	1007.50	1010.59 (24:00)	1003.46 ( 0:45)	-	- ( : )	- ( : )	7.94	- ( : )	0.03 ( 6:30)	10.50
21	10.39	521.53 (12:00)	1013.33	1015.53 (22:45)	1009.79 ( 3:15)	-	- ( : )	- ( : )	15.97	- ( : )	1.25 (23:45)	-
22	10.07	492.39 (13:15)	1015.77	1017.87 ( 9:30)	1014.02 (14:15)	-	- ( : )	- ( : )	7.40	- ( : )	0.40 ( 6:45)	5.25
23	9.46	451.96 (11:30)	1016.78	1018.36 (23:15)	1013.46 (16:45)	-	- ( : )	- ( : )	8.94	- ( : )	0.06 ( 7:15)	7.00
24	6.74	452.32 (12:00)	1018.80	1020.81 ( 9:30)	1015.01 (10:15)	-	- ( : )	- ( : )	4.60	16.60 (14:45)	0.03 ( 6:15)	5.75
25	7.74	445.71 (12:30)	1018.21	1021.99 ( 8:00)	1012.49 (24:00)	-	- ( : )	- ( : )	4.32	17.47 (16:30)	0.02 ( 7:00)	9.75
26	4.21	409.94 (13:15)	1007.50	1011.75 ( 0:15)	998.91 ( 6:00)	19.60	1.70 ( 7:30)	5.00 ( 8:00)	13.14	- ( : )	0.17 ( 7:15)	3.50
27	5.30	415.73 (14:15)	1010.30	1012.23 (10:30)	1005.53 (17:15)	-	- ( : )	- ( : )	19.62	- ( : )	16.83 (24:00)	-
28	9.90	503.87 (12:00)	1008.99	1011.11 (10:00)	1004.87 (19:45)	0.10	0.10 ( 7:15)	0.10 ( 8:00)	11.35	- ( : )	1.11 ( 7:45)	-
29	9.92	501.12 (12:15)	1009.45	1011.81 (24:00)	1006.48 (13:00)	-	- ( : )	- ( : )	14.60	- ( : )	0.39 ( 5:45)	1.75
30	6.15	362.64 (12:45)	1014.80	1017.48 (24:00)	1011.03 ( 6:45)	-	- ( : )	- ( : )	15.87	- ( : )	3.89 (24:00)	-
월	242.16	635.35 (11/ 6)	1009.30	1021.99 (11/25)	992.70 (11/ 1)	42.50	1.80 (11/ 1)	5.00 (11/26)	12.07	- ( : )	0.02 (11/25)	73.75

표 7. 계속 (Continued: 2004년 12월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
1	7.00	465.32 (12:30)	1020.30	1022.89 (21:30)	1016.33 ( 0:15)	-	- ( : )	- ( : )	4.07	18.00 (12:30)	0.03 ( 7:30)	6.75
2	9.76	493.13 (12:30)	1023.28	1025.61 (10:00)	1021.12 (20:15)	-	- ( : )	- ( : )	11.13	- ( : )	0.06 ( 7:00)	4.75
3	9.71	482.40 (13:00)	1014.85	1022.05 ( 0:15)	1006.90 (22:30)	0.20	0.20 (23:45)	0.20 (24:00)	15.68	- ( : )	1.12 (24:00)	-
4	1.30	64.34 (12:15)	995.37	1007.36 ( 0:15)	986.63 (16:15)	28.40	1.20 (16:15)	3.60 (17:00)	2.26	14.72 (24:00)	0.17 ( 8:15)	13.50
5	7.84	522.70 (12:00)	1000.63	1012.39 (24:00)	986.51 ( 1:00)	-	- ( : )	- ( : )	18.90	- ( : )	6.34 ( 1:15)	-
6	9.65	486.08 (12:30)	1012.50	1016.17 ( 9:30)	1009.01 (21:00)	2.00	0.70 (23:45)	1.20 (24:00)	18.37	- ( : )	3.15 (23:00)	-
7	8.67	459.30 (13:15)	1012.28	1014.33 (11:00)	1008.26 (14:30)	0.20	0.10 ( 0:30)	0.10 ( 1:00)	13.55	- ( : )	1.55 ( 6:15)	-
8	7.61	422.43 (13:00)	1013.39	1015.10 (10:15)	1009.56 (17:00)	-	- ( : )	- ( : )	18.10	- ( : )	8.07 (24:00)	-
9	8.95	450.02 (13:00)	1013.15	1015.76 ( 9:15)	1008.52 (19:30)	-	- ( : )	- ( : )	12.92	- ( : )	1.33 ( 7:45)	-
10	6.37	393.41 (13:00)	1012.95	1018.78 (24:00)	1009.41 (13:00)	-	- ( : )	- ( : )	12.31	- ( : )	1.60 ( 8:15)	-
11	9.69	528.21 (12:00)	1017.57	1020.17 (10:00)	1012.03 (24:00)	-	- ( : )	- ( : )	19.70	- ( : )	11.09 ( 9:15)	-
12	7.73	458.20 (12:45)	1012.82	1015.40 ( 0:30)	1008.76 (17:45)	-	- ( : )	- ( : )	18.22	- ( : )	5.01 (23:30)	-
13	9.66	490.85 (12:30)	1015.18	1017.34 (10:45)	1012.36 ( 2:30)	-	- ( : )	- ( : )	13.76	- ( : )	2.32 ( 3:00)	-
14	7.95	411.60 (13:15)	1011.96	1014.67 ( 0:15)	1006.99 (22:30)	-	- ( : )	- ( : )	10.83	- ( : )	2.25 ( 7:30)	-
15	6.14	421.67 (12:00)	1006.04	1009.80 ( 0:15)	999.19 (16:00)	9.10	2.20 (21:15)	2.80 (22:00)	8.29	- ( : )	0.11 (21:15)	6.50
16	9.21	486.50 (12:30)	1011.13	1014.72 (23:00)	1002.53 ( 0:45)	0.10	0.10 ( 1:00)	0.10 ( 1:00)	11.73	- ( : )	0.34 ( 0:15)	2.25
17	6.58	500.26 (13:15)	1010.42	1014.30 ( 0:15)	1006.70 (20:45)	-	- ( : )	- ( : )	8.01	19.11 (13:30)	0.95 ( 5:15)	0.25
18	6.76	379.64 (12:30)	1008.50	1010.04 (23:30)	1004.65 ( 5:30)	-	- ( : )	- ( : )	6.49	18.19 (13:00)	1.76 (23:45)	-
19	7.22	420.53 (12:15)	1005.07	1009.87 ( 0:15)	999.74 (16:45)	1.30	0.20 (22:00)	0.50 (24:00)	6.93	19.90 (15:00)	0.05 ( 3:15)	8.25
20	9.59	478.14 (13:00)	1008.56	1013.46 (24:00)	1001.03 ( 1:30)	2.90	0.90 ( 2:00)	1.70 ( 2:00)	16.94	- ( : )	1.12 ( 0:15)	-
21	8.15	529.52 (12:45)	1011.66	1014.30 ( 6:30)	1006.23 (21:30)	-	- ( : )	- ( : )	16.09	- ( : )	6.66 ( 7:45)	-
22	6.41	361.66 (14:00)	1008.18	1010.09 ( 0:15)	1004.48 (14:45)	-	- ( : )	- ( : )	19.77	- ( : )	18.68 (20:00)	-
23	9.13	449.27 (12:45)	1009.80	1012.48 (24:00)	1007.13 (17:15)	-	- ( : )	- ( : )	19.85	- ( : )	17.82 (24:00)	-
24	3.04	205.23 (11:30)	1011.84	1013.81 (10:30)	1007.34 (20:00)	-	- ( : )	- ( : )	7.09	17.72 ( 0:15)	4.62 ( 6:45)	-
25	7.58	446.67 (12:15)	1010.05	1011.72 (10:45)	1006.20 (13:30)	-	- ( : )	- ( : )	18.38	- ( : )	6.27 ( 0:45)	-
26	9.01	475.54 (12:45)	1010.43	1012.08 (10:15)	1007.16 (16:00)	-	- ( : )	- ( : )	19.93	- ( : )	18.36 ( 3:30)	-
27	8.85	552.79 (13:00)	1012.65	1014.99 (23:45)	1009.75 ( 0:45)	-	- ( : )	- ( : )	19.99	- ( : )	19.41 ( 5:30)	-
28	6.82	368.45 (11:30)	1013.78	1015.69 (10:00)	1010.92 (12:00)	-	- ( : )	- ( : )	20.00	- ( : )	- ( : )	-
29	9.34	461.39 (12:45)	1013.19	1015.15 (22:45)	1009.57 (14:30)	-	- ( : )	- ( : )	19.93	- ( : )	18.75 (10:30)	-
30	8.33	452.31 (12:30)	1014.03	1017.33 (10:30)	1009.61 (24:00)	-	- ( : )	- ( : )	17.98	- ( : )	5.89 ( 7:00)	-
31	8.19	515.21 (13:30)	1008.06	1009.63 (22:00)	1006.15 (19:00)	-	- ( : )	- ( : )	19.41	- ( : )	15.12 ( 0:45)	-
월	242.25	552.79 (12/27)	1011.28	1025.61 (12/ 2)	986.51 (12/ 5)	44.20	2.20 (12/15)	3.60 (12/ 4)	14.41	- ( : )	0.03 (12/ 1)	42.25

표 8. 기상요소의 연간 통계값(Annual statistics of meteorological parameters): 바람 (2004년 1월 - 2004년 12월)

높이	67 m				27 m				10 m			
	최다풍향(%)	풍속 (m/sec)			최다풍향(%)	풍속 (m/sec)			최다풍향(%)	풍속 (m/sec)		
		평균	최대: 풍향(시:분)			평균	최대: 풍향(시:분)			평균	최대: 풍향(시:분)	
04_01	NNM ( 9.34)	1.06	9.81	NNM ( 1/20)	SM ( 10.95)	0.97	6.90	NNM ( 1/20)	NNM ( 8.77)	0.63	4.64	NNM ( 1/20)
04_02	N ( 16.64)	2.21	11.35	SM ( 2/25)	MSM ( 17.43)	1.68	8.27	SM ( 2/25)	MSM ( 13.19)	1.11	5.92	SM ( 2/25)
04_03	NNM ( 12.09)	1.65	11.05	SM ( 3/ 4)	NNM ( 11.51)	1.34	8.03	SM ( 3/ 4)	N ( 8.85)	0.92	5.37	SM ( 3/ 4)
1분기	N ( 10.25)	1.63	11.35	SM ( 2/25)	SM ( 11.51)	1.32	8.27	SM ( 2/25)	MSM ( 9.06)	0.88	5.92	SM ( 2/25)
04_04	SM ( 12.01)	1.95	9.77	SM ( 4/ 1)	SM ( 13.47)	1.47	7.44	SSM ( 4/ 1)	MSM ( 8.44)	0.93	5.21	SSM ( 4/16)
04_05	SM ( 18.69)	2.26	12.29	SM ( 5/18)	SSM ( 13.53)	1.48	9.03	SM ( 5/18)	SSM ( 12.20)	0.94	6.14	SM ( 5/18)
04_06	N ( 10.57)	1.54	8.72	E ( 6/21)	NNM ( 8.65)	1.04	7.38	E ( 6/21)	N ( 9.77)	0.72	5.17	ENE ( 6/21)
2분기	SM ( 12.23)	1.92	12.29	SM ( 5/18)	SM ( 10.44)	1.33	9.03	SM ( 5/18)	SSM ( 7.84)	0.86	6.14	SM ( 5/18)
04_07	SM ( 22.45)	2.24	10.74	SM ( 7/16)	SM ( 15.09)	1.33	7.82	E ( 7/ 4)	SSM ( 9.88)	0.47	5.43	ENE ( 7/ 4)
04_08	E ( 12.83)	1.60	7.72	N ( 8/19)	E ( 9.56)	1.02	6.78	NNM ( 8/19)	ENE ( 3.74)	0.21	4.46	N ( 8/19)
04_09	E ( 12.29)	1.65	8.17	NNM ( 9/ 7)	E ( 10.21)	1.12	6.61	NNM ( 9/ 7)	ENE ( 9.20)	0.54	4.13	N ( 9/ 7)
3분기	SM ( 11.51)	1.83	10.74	SM ( 7/16)	SM ( 8.23)	1.16	7.82	E ( 7/ 4)	ENE ( 4.96)	0.41	5.43	ENE ( 7/ 4)
04_10	N ( 12.77)	1.68	7.45	ENE (10/20)	NNM ( 6.82)	0.95	6.36	NE (10/20)	N ( 6.15)	0.34	4.62	NE (10/20)
04_11	MSM ( 13.69)	1.75	10.52	N (11/26)	SM ( 10.02)	0.93	7.90	MSM (11/26)	NNM ( 4.08)	0.31	4.40	MSM (11/26)
04_12	N ( 20.53)	1.77	7.15	NNM (12/ 4)	NNM ( 11.12)	1.03	5.82	N (12/ 5)	NNM ( 10.08)	0.38	3.61	NNM (12/ 4)
4분기	N ( 14.03)	1.73	10.52	N (11/26)	SM ( 7.90)	0.97	7.90	MSM (11/26)	NNM ( 6.29)	0.34	4.62	NE (10/20)
년	SM ( 10.09)	1.78	12.29	SM (04_05)	SM ( 9.52)	1.20	9.03	SM (04_05)	N ( 5.65)	0.62	6.14	SM (04_05)

표 8. 계속 (Continued): 기온의 연간 통계값 (2004년 1월 - 2004년12월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
04_01	-2.10	7.12 ( 1/31)	-15.66 ( 1/22)	-0.46	8.94 ( 1/31)	-15.15 ( 1/22)	-1.80	8.75 ( 1/31)	-17.19 ( 1/22)	-1.97	9.41 ( 1/31)	-16.95 ( 1/22)
04_02	2.33	18.37 ( 2/21)	-8.49 ( 2/ 6)	3.48	19.69 ( 2/21)	-7.66 ( 2/ 6)	2.39	19.57 ( 2/21)	-9.51 ( 2/ 6)	2.33	20.84 ( 2/20)	-10.47 ( 2/ 6)
04_03	6.17	20.34 ( 3/16)	-5.67 ( 3/ 7)	7.00	21.84 ( 3/16)	-5.87 ( 3/ 7)	6.07	22.04 ( 3/16)	-7.73 ( 3/ 7)	5.99	22.60 ( 3/16)	-8.90 ( 3/ 7)
1분기	2.09	20.34 ( 3/16)	-15.66 ( 1/22)	3.43	21.84 ( 3/16)	-15.15 ( 1/22)	2.17	22.04 ( 3/16)	-17.19 ( 1/22)	2.08	22.60 ( 3/16)	-16.95 ( 1/22)
04_04	12.66	25.79 ( 4/21)	1.97 ( 4/ 4)	13.61	27.27 ( 4/21)	2.08 ( 4/ 4)	12.99	27.69 ( 4/21)	0.44 ( 4/ 4)	12.95	28.55 ( 4/21)	-0.59 ( 4/ 4)
04_05	17.24	26.19 ( 5/30)	7.99 ( 5/ 4)	18.08	26.92 ( 5/30)	8.27 ( 5/ 5)	17.69	27.54 ( 5/30)	6.65 ( 5/ 5)	17.76	28.83 ( 5/30)	5.80 ( 5/ 5)
04_06	22.11	29.75 ( 6/ 3)	13.12 ( 6/ 1)	22.63	30.50 ( 6/ 3)	12.30 ( 6/ 1)	22.46	31.27 ( 6/ 3)	10.85 ( 6/ 1)	22.62	32.98 ( 6/ 3)	9.88 ( 6/ 1)
2분기	17.33	29.75 ( 6/ 3)	1.97 ( 4/ 4)	18.10	30.50 ( 6/ 3)	2.08 ( 4/ 4)	17.71	31.27 ( 6/ 3)	0.44 ( 4/ 4)	17.77	32.98 ( 6/ 3)	-0.59 ( 4/ 4)
04_07	25.13	31.88 ( 7/31)	19.26 ( 7/ 5)	25.63	32.68 ( 7/31)	19.47 ( 7/ 5)	25.66	33.69 ( 7/31)	16.02 ( 7/10)	25.78	35.42 ( 7/31)	19.52 ( 7/ 5)
04_08	24.96	31.97 ( 8/10)	18.63 ( 8/23)	25.50	32.81 ( 8/10)	19.15 ( 8/23)	25.51	33.73 ( 8/10)	18.47 ( 8/23)	25.69	35.32 ( 8/11)	17.97 ( 8/31)
04_09	20.81	27.98 ( 9/ 4)	13.01 ( 9/22)	21.22	28.87 ( 9/ 4)	12.93 ( 9/22)	20.85	29.27 ( 9/ 4)	11.99 ( 9/22)	20.75	30.46 ( 9/ 4)	11.70 ( 9/22)
3분기	23.66	31.97 ( 8/10)	13.01 ( 9/22)	24.14	32.81 ( 8/10)	12.93 ( 9/22)	24.03	33.73 ( 8/10)	11.99 ( 9/22)	24.10	35.42 ( 7/31)	11.70 ( 9/22)
04_10	14.65	23.07 (10/ 8)	3.54 (10/27)	14.85	23.89 (10/ 8)	3.51 (10/27)	14.03	24.17 (10/ 8)	1.90 (10/27)	13.70	25.08 (10/ 8)	0.82 (10/27)
04_11	9.43	21.36 (11/ 9)	-0.87 (11/13)	9.35	22.32 (11/ 9)	-0.75 (11/13)	8.38	22.35 (11/ 9)	-2.40 (11/13)	7.99	22.67 (11/ 9)	-2.94 (11/13)
04_12	3.04	15.65 (12/ 4)	-6.69 (12/29)	3.12	16.00 (12/ 3)	-6.87 (12/30)	2.11	16.47 (12/ 3)	-8.95 (12/30)	1.73	17.72 (12/ 3)	-9.79 (12/23)
4분기	9.02	23.07 (10/ 8)	-6.69 (12/29)	9.11	23.89 (10/ 8)	-6.87 (12/30)	8.17	24.17 (10/ 8)	-8.95 (12/30)	7.80	25.08 (10/ 8)	-9.79 (12/23)
년	13.08	31.97 (04_08)	-15.66 (04_01)	13.80	32.81 (04_08)	-15.15 (04_01)	13.05	33.73 (04_08)	-17.19 (04_01)	12.97	35.42 (04_07)	-16.95 (04_01)

표 8. 계속 (Continued): 상대습도의 연간 통계값 (2004년 1월 - 2004년 12월)

높이	67 m			27 m			10 m			1.5 m		
	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)	평균	최고(시:분)	최저(시:분)
04_01	67.51	100.00 ( 1/ 2)	13.70 ( 1/ 4)	65.51	100.00 ( 1/17)	8.85 ( 1/ 4)	72.56	100.00 ( 1/ 2)	13.02 ( 1/ 4)	66.19	97.19 ( 1/ 2)	12.39 ( 1/ 4)
04_02	61.48	100.00 ( 2/22)	6.97 ( 2/19)	59.29	100.00 ( 2/12)	3.16 ( 2/19)	65.33	100.00 ( 2/ 4)	6.71 ( 2/19)	59.71	99.00 ( 2/22)	6.50 ( 2/19)
04_03	55.09	100.00 ( 3/ 5)	10.28 ( 3/21)	53.22	100.00 ( 3/ 5)	8.87 ( 3/21)	58.56	100.00 ( 3/ 5)	11.98 ( 3/21)	54.68	99.83 ( 3/15)	10.59 ( 3/21)
1분기	61.42	100.00 ( 1/ 2)	6.97 ( 2/19)	59.40	100.00 ( 1/17)	3.16 ( 2/19)	65.55	100.00 ( 1/ 2)	6.71 ( 2/19)	60.26	99.83 ( 3/15)	6.50 ( 2/19)
04_04	55.57	100.00 ( 4/ 2)	8.51 ( 4/29)	53.24	100.00 ( 4/19)	8.84 ( 4/14)	58.11	100.00 ( 4/ 1)	12.23 ( 4/14)	56.23	100.00 ( 4/19)	9.97 ( 4/25)
04_05	73.90	100.00 ( 5/ 3)	25.30 ( 5/31)	72.37	100.00 ( 5/ 3)	22.46 ( 5/ 7)	75.16	100.00 ( 5/ 3)	25.70 ( 5/ 7)	74.82	100.00 ( 5/10)	25.82 ( 5/ 7)
04_06	73.22	100.00 ( 6/17)	25.70 ( 6/ 1)	74.20	100.00 ( 6/17)	27.16 ( 6/ 1)	72.82	100.00 ( 6/17)	27.14 ( 6/ 1)	79.54	100.00 ( 6/ 8)	30.15 ( 6/ 1)
2분기	67.59	100.00 ( 4/ 2)	8.51 ( 4/29)	66.63	100.00 ( 4/19)	8.84 ( 4/14)	68.74	100.00 ( 4/ 1)	12.23 ( 4/14)	70.22	100.00 ( 4/19)	9.97 ( 4/25)
04_07	90.05	100.00 ( 7/ 1)	62.34 ( 7/24)	89.48	100.00 ( 7/ 1)	61.39 ( 7/24)	89.35	100.00 ( 7/ 1)	65.49 ( 7/31)	92.63	100.00 ( 7/ 1)	63.60 ( 7/24)
04_08	86.14	100.00 ( 8/ 4)	47.09 ( 8/15)	85.68	100.00 ( 8/ 4)	49.52 ( 8/11)	86.18	100.00 ( 8/ 4)	52.77 ( 8/11)	88.04	100.00 ( 8/ 3)	50.24 ( 8/11)
04_09	82.76	100.00 ( 9/ 6)	36.60 ( 9/ 1)	83.19	100.00 ( 9/ 6)	38.49 ( 9/ 1)	84.01	100.00 ( 9/ 6)	42.14 ( 9/ 1)	87.63	100.00 ( 9/ 1)	43.36 ( 9/ 2)
3분기	86.36	100.00 ( 7/ 1)	36.60 ( 9/ 1)	86.15	100.00 ( 7/ 1)	38.49 ( 9/ 1)	86.54	100.00 ( 7/ 1)	42.14 ( 9/ 1)	89.46	100.00 ( 7/ 1)	43.36 ( 9/ 2)
04_10	67.27	100.00 (10/ 8)	15.74 (10/26)	69.60	100.00 (10/ 8)	18.26 (10/26)	70.26	100.00 (10/ 1)	18.28 (10/26)	76.91	100.00 (10/ 3)	23.38 (10/26)
04_11	73.83	100.00 (11/ 1)	22.47 (11/ 6)	73.39	100.00 (11/ 1)	25.24 (11/ 6)	76.02	100.00 (11/ 1)	26.22 (11/ 6)	79.80	100.00 (11/ 1)	0.05 (11/18)
04_12	68.80	100.00 (12/ 1)	22.58 (12/10)	64.65	100.00 (12/ 1)	18.12 (12/10)	70.37	100.00 (12/ 1)	22.39 (12/10)	71.42	100.00 (12/ 1)	24.55 (12/10)
4분기	69.91	100.00 (10/ 8)	15.74 (10/26)	69.15	100.00 (10/ 8)	18.12 (12/10)	72.16	100.00 (10/ 1)	18.28 (10/26)	75.98	100.00 (10/ 3)	0.05 (11/18)
년	71.37	100.00 (04_01)	6.97 (04_02)	70.39	100.00 (04_01)	3.16 (04_02)	73.29	100.00 (04_01)	6.71 (04_02)	74.05	100.00 (04_04)	0.05 (04_11)



표 8. 계속 (Continued): 일사, 기압, 강우, 시정의 연간 통계값 (2004년 1월 - 2004년 12월)

월	일사량 (MJ/m <sup>2</sup> )	최대일사율 (W/m <sup>2</sup> )(시:분)	기 압 (hPa)			강 우 (mm)			시 정 (km)			안개 발생 시간
			평균	최고(시:분)	최저(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	평균	최고(시:분)	최저(시:분)	
04_01	263.85	620.96 ( 1/24)	1009.79	1021.23 ( 1/ 8)	997.33 ( 1/12)	10.90	1.90 ( 1/ 2)	3.60 ( 1/17)	12.30	- ( / )	0.16 ( 1/18)	30.25
04_02	342.76	749.88 ( 2/14)	1005.45	1017.87 ( 2/ 9)	983.37 ( 2/22)	30.50	7.00 ( 2/21)	12.60 ( 2/21)	14.87	- ( / )	0.04 ( 2/12)	14.50
04_03	441.44	888.79 ( 3/ 6)	1005.05	1018.70 ( 3/ 8)	989.78 ( 3/10)	53.60	3.50 ( 3/17)	22.00 ( 3/ 5)	15.46	- ( / )	0.03 ( 3/15)	53.25
1분기	1048.06	888.79 ( 3/ 6)	1006.81	1021.23 ( 1/ 8)	983.37 ( 2/22)	95.00	7.00 ( 2/21)	22.00 ( 3/ 5)	14.18	- ( / )	0.03 ( 3/15)	98.00
04_04	536.83	976.50 ( 4/25)	998.69	1008.18 ( 4/ 4)	975.78 ( 4/27)	79.80	6.90 ( 4/26)	34.70 ( 4/26)	16.67	- ( / )	0.43 ( 4/ 1)	9.25
04_05	497.11	1052.47 ( 5/29)	994.31	1007.14 ( 5/ 1)	977.87 ( 5/20)	102.90	6.90 ( 5/28)	26.80 ( 5/12)	12.19	- ( / )	0.07 ( 5/30)	67.75
04_06	517.79	1011.66 ( 6/11)	994.40	1005.69 ( 6/ 1)	977.20 ( 6/21)	432.60	42.00 ( 6/21)	128.30 ( 6/19)	10.61	- ( / )	0.05 ( 6/21)	56.75
2분기	1551.73	1052.47 ( 5/29)	995.79	1008.18 ( 4/ 4)	975.78 ( 4/27)	615.30	42.00 ( 6/21)	128.30 ( 6/19)	13.15	- ( / )	0.05 ( 6/21)	133.75
04_07	438.97	1054.19 ( 7/28)	992.11	1002.68 ( 7/21)	966.59 ( 7/ 4)	313.50	31.50 ( 7/16)	78.60 ( 7/16)	10.65	- ( / )	0.05 ( 7/16)	66.50
04_08	504.32	978.00 ( 8/ 9)	992.76	999.62 ( 8/22)	976.22 ( 8/30)	178.10	16.10 ( 8/18)	90.70 ( 8/18)	13.95	- ( / )	0.15 ( 8/18)	22.00
04_09	402.74	989.33 ( 9/ 6)	1000.20	1010.73 ( 9/25)	972.30 ( 9/ 7)	131.70	16.40 ( 9/16)	27.20 ( 9/20)	14.51	- ( / )	0.05 ( 9/30)	40.50
3분기	1346.04	1054.19 ( 7/28)	994.98	1010.73 ( 9/25)	966.59 ( 7/ 4)	623.30	31.50 ( 7/16)	90.70 ( 8/18)	13.02	- ( / )	0.05 ( 7/16)	129.00
04_10	425.53	887.63 (10/ 4)	1006.98	1017.30 (10/23)	992.25 (10/20)	6.60	3.70 (10/13)	3.70 (10/13)	14.35	- ( / )	0.06 (10/21)	36.00
04_11	242.16	635.35 (11/ 6)	1009.30	1021.99 (11/25)	992.70 (11/ 1)	42.50	5.00 (11/26)	19.60 (11/26)	12.07	- ( / )	0.02 (11/25)	73.75
04_12	242.25	552.79 (12/27)	1011.28	1025.61 (12/ 2)	986.51 (12/ 5)	44.20	3.60 (12/ 4)	28.40 (12/ 4)	14.41	- ( / )	0.03 (12/ 1)	42.25
4분기	909.95	887.63 (10/ 4)	1009.18	1025.61 (12/ 2)	986.51 (12/ 5)	93.30	5.00 (11/26)	28.40 (12/ 4)	13.63	- ( / )	0.02 (11/25)	152.00
년	4855.77	1054.19 (04_07)	1001.69	1025.61 (04_12)	966.59 (04_07)	1426.90	42.00 (04_06)	128.30 (04_06)	13.49	- ( / )	0.02 (04_11)	512.75

표 9. 풍향, 풍속 및 대기안정도별 발생빈도 (Joint frequency distributions)

통계기간 : 2004/01 - 2004/12 관측높이 : 지상 67 m 관측횟수 : 34706 ( 98.78 % ) 결측횟수 : 430 ( 1.22 % ) 합 계 : 35136																		
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS(FOR XOQDOQ): ATMOSPHERIC STABILITY CLASS ALL																		
U (m/s)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total	
Cal m																	27.30	
0.22~ 0.50	0.46	0.29	0.34	0.47	0.59	0.45	0.43	0.30	0.32	0.41	0.71	0.65	0.27	0.20	0.23	0.35	6.45	
0.51~ 0.75	0.35	0.32	0.21	0.31	0.36	0.31	0.29	0.20	0.26	0.33	0.55	0.46	0.29	0.16	0.17	0.27	4.82	
0.76~ 1.00	0.41	0.28	0.24	0.30	0.33	0.29	0.21	0.18	0.13	0.27	0.64	0.46	0.30	0.16	0.19	0.30	4.69	
1.01~ 1.50	1.09	0.53	0.36	0.54	0.52	0.41	0.28	0.24	0.21	0.47	1.18	1.21	0.58	0.48	0.46	0.89	9.45	
1.51~ 2.00	1.35	0.53	0.29	0.45	0.49	0.25	0.21	0.16	0.11	0.43	1.21	1.26	0.62	0.48	0.54	1.07	9.45	
2.01~ 3.00	2.54	0.90	0.39	0.50	1.02	0.52	0.24	0.12	0.13	0.65	1.41	1.50	1.49	1.12	1.05	2.22	15.79	
3.01~ 5.00	2.15	0.40	0.18	0.39	1.56	0.96	0.21	0.05	0.03	0.71	2.12	1.27	1.97	0.97	0.92	2.29	16.18	
5.01~ 7.00	0.24	0.04	0.02	0.04	0.25	0.31	0.06	-	-	0.23	1.50	0.55	0.58	0.14	0.16	0.46	4.59	
7.01~10.00	0.03	-	0.00	0.01	0.03	0.02	0.01	-	-	0.03	0.73	0.16	0.12	0.01	0.01	0.03	1.18	
10.01~13.00	-	-	-	-	-	-	-	-	-	-	0.05	0.03	0.01	-	-	-	0.08	
13.01~18.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
18.01<	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	8.62	3.28	2.04	2.99	5.14	3.50	1.93	1.26	1.19	3.54	10.09	7.56	6.23	3.70	3.75	7.88	100.00	
JOINT FREQUENCY DISTRIBUTION OF STABILITY AND DIRECTION IN FRACTIONS																		
Stab	Cal m	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
A	3.21	1.49	0.86	0.51	0.79	1.29	1.14	0.77	0.27	0.22	0.61	2.33	1.65	1.39	0.63	0.82	1.60	19.59
B	0.56	0.33	0.16	0.07	0.12	0.23	0.18	0.07	0.03	0.01	0.17	0.35	0.23	0.20	0.11	0.15	0.30	3.27
C	0.52	0.33	0.14	0.04	0.08	0.21	0.16	0.10	0.05	0.03	0.18	0.42	0.22	0.19	0.10	0.13	0.33	3.22
D	2.93	1.61	0.60	0.36	0.58	1.65	0.91	0.50	0.41	0.29	1.05	2.84	1.23	1.07	0.79	0.92	1.88	19.60
E	8.26	2.85	0.81	0.59	0.80	1.34	0.84	0.34	0.38	0.44	1.09	2.54	2.01	2.58	1.72	1.45	2.87	30.89
F	9.84	1.77	0.55	0.36	0.56	0.34	0.24	0.11	0.07	0.10	0.31	1.09	1.46	0.65	0.28	0.24	0.76	18.75
G	1.98	0.25	0.15	0.10	0.07	0.08	0.04	0.04	0.04	0.10	0.14	0.52	0.76	0.14	0.08	0.05	0.14	4.69
Total	27.30	8.62	3.28	2.04	2.99	5.14	3.50	1.93	1.26	1.19	3.54	10.09	7.56	6.23	3.70	3.75	7.88	100.00

표 9. 계속 (Continued)

통계기간 : 2004/01 - 2004/12 관측높이 : 지상 27 m 관측횟수 : 34706 ( 98.78 % ) 결측횟수 : 430 ( 1.22 % ) 합 계 : 35136																		
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS(FOR XOQDOQ): ATMOSPHERIC STABILITY CLASS ALL																		
U (m/s)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total	
Calm																	37.38	
0.22~ 0.50	0.40	0.29	0.32	0.25	0.35	0.35	0.31	0.28	0.40	0.69	1.15	0.74	0.53	0.35	0.59	0.58	7.59	
0.51~ 0.75	0.32	0.24	0.20	0.20	0.20	0.22	0.13	0.13	0.28	0.50	0.86	0.46	0.31	0.31	0.47	0.49	5.30	
0.76~ 1.00	0.31	0.22	0.15	0.17	0.16	0.12	0.12	0.10	0.17	0.49	0.89	0.49	0.44	0.34	0.47	0.50	5.11	
1.01~ 1.50	0.69	0.38	0.27	0.33	0.38	0.22	0.18	0.18	0.23	0.95	1.53	0.93	1.01	0.83	0.98	1.18	10.28	
1.51~ 2.00	0.65	0.36	0.27	0.32	0.37	0.18	0.11	0.11	0.17	0.71	1.33	1.04	1.09	0.67	1.13	1.19	9.68	
2.01~ 3.00	0.83	0.56	0.36	0.47	0.79	0.31	0.10	0.04	0.13	1.14	1.52	1.71	1.29	0.67	1.54	2.05	13.51	
3.01~ 5.00	0.35	0.20	0.13	0.39	1.09	0.40	0.06	0.00	0.07	1.35	1.67	1.34	0.53	0.35	0.81	0.93	9.67	
5.01~ 7.00	0.02	0.01	0.01	0.02	0.07	0.03	0.00	0.00	0.00	0.35	0.52	0.16	0.04	0.02	0.03	0.10	1.39	
7.01~10.00	-	-	-	-	0.01	-	-	-	-	0.01	0.06	0.01	0.00	-	-	-	0.09	
10.01~13.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13.01~18.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
18.01<	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	3.57	2.26	1.71	2.16	3.41	1.84	1.01	0.83	1.45	6.18	9.52	6.88	5.23	3.55	6.01	7.02	100.00	
JOINT FREQUENCY DISTRIBUTION OF STABILITY AND DIRECTION IN FRACTIONS																		
Stab	Calm	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
A	3.43	0.97	0.75	0.56	0.69	0.86	0.69	0.44	0.30	0.45	1.36	2.57	1.77	1.09	0.91	1.23	1.51	19.59
B	0.68	0.20	0.10	0.10	0.07	0.22	0.13	0.04	0.04	0.05	0.24	0.36	0.23	0.16	0.16	0.24	0.27	3.27
C	0.65	0.16	0.11	0.08	0.08	0.20	0.13	0.04	0.03	0.05	0.35	0.32	0.18	0.19	0.11	0.24	0.30	3.22
D	4.61	0.77	0.55	0.36	0.70	1.36	0.51	0.29	0.22	0.33	2.12	1.89	1.16	1.07	0.78	1.44	1.46	19.60
E	11.85	1.01	0.56	0.47	0.55	0.73	0.35	0.17	0.18	0.41	1.55	2.20	2.61	2.39	1.37	2.09	2.41	30.89
F	12.72	0.40	0.17	0.14	0.06	0.02	0.04	0.02	0.05	0.09	0.41	1.59	0.82	0.31	0.20	0.71	1.01	18.75
G	3.43	0.06	0.02	0.01	0.01	0.02	0.00	0.01	0.02	0.07	0.14	0.59	0.12	0.03	0.01	0.06	0.07	4.69
Total	37.38	3.57	2.26	1.71	2.16	3.41	1.84	1.01	0.83	1.45	6.18	9.52	6.88	5.23	3.55	6.01	7.02	100.00

표 9. 계속 (Continued)

통계기간 : 2004/01 - 2004/12 관측높이 : 지상 10 m 관측횟수 : 34706 ( 98.78 % ) 결측횟수 : 430 ( 1.22 % ) 합 계 : 35136																		
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS(FOR XOQDOQ): ATMOSPHERIC STABILITY CLASS ALL																		
U (m/s)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total	
Calm																	52.23	
0.22~ 0.50	0.88	0.51	0.39	0.39	0.62	0.40	0.33	0.34	0.36	0.58	0.99	1.20	0.84	0.70	0.58	1.11	10.24	
0.51~ 0.75	0.73	0.32	0.18	0.31	0.37	0.24	0.20	0.17	0.21	0.38	0.71	0.69	0.60	0.51	0.46	0.76	6.83	
0.76~ 1.00	0.72	0.39	0.24	0.33	0.24	0.14	0.11	0.08	0.14	0.38	0.61	0.58	0.48	0.37	0.40	0.67	5.88	
1.01~ 1.50	1.25	0.68	0.43	0.52	0.42	0.15	0.07	0.08	0.19	0.75	0.97	0.83	0.64	0.73	0.60	1.14	9.43	
1.51~ 2.00	1.07	0.43	0.33	0.51	0.31	0.07	0.03	0.02	0.09	0.69	0.65	0.58	0.35	0.33	0.37	0.69	6.54	
2.01~ 3.00	0.82	0.45	0.22	0.60	0.32	0.04	0.03	0.01	0.04	1.06	0.86	0.52	0.47	0.19	0.31	0.58	6.51	
3.01~ 5.00	0.16	0.08	0.07	0.14	0.03	-	-	-	0.01	0.81	0.53	0.16	0.12	0.02	0.03	0.09	2.25	
5.01~ 7.00	0.01	-	-	0.01	-	-	-	-	-	0.01	0.05	0.01	-	-	-	-	0.08	
7.01~10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10.01~13.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13.01~18.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
18.01<	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	5.65	2.87	1.87	2.81	2.29	1.04	0.75	0.70	1.04	4.67	5.35	4.56	3.50	2.86	2.75	5.05	100.00	
JOINT FREQUENCY DISTRIBUTION OF STABILITY AND DIRECTION IN FRACTIONS																		
Stab	Calm	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
A	5.65	1.25	0.98	0.78	0.94	0.92	0.57	0.48	0.36	0.43	1.79	1.64	1.02	0.62	0.43	0.64	1.09	19.59
B	1.01	0.31	0.17	0.15	0.14	0.16	0.07	0.03	0.03	0.04	0.25	0.29	0.11	0.09	0.08	0.12	0.23	3.27
C	1.02	0.31	0.20	0.10	0.11	0.15	0.04	0.04	0.02	0.03	0.34	0.24	0.12	0.09	0.07	0.09	0.22	3.22
D	7.21	1.59	0.75	0.36	1.09	0.70	0.22	0.14	0.19	0.30	1.52	1.54	0.82	0.58	0.65	0.82	1.12	19.60
E	17.07	1.83	0.69	0.41	0.50	0.34	0.12	0.04	0.07	0.20	0.70	1.08	1.70	1.85	1.56	0.99	1.76	30.89
F	15.87	0.33	0.07	0.06	0.03	0.02	0.01	0.01	0.02	0.02	0.06	0.49	0.71	0.26	0.06	0.09	0.61	18.75
G	4.39	0.04	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.02	0.07	0.09	0.01	-	0.01	0.02	4.69
Total	52.23	5.65	2.87	1.87	2.81	2.29	1.04	0.75	0.70	1.04	4.67	5.35	4.56	3.50	2.86	2.75	5.05	100.00

### 제 3 장 결론 및 건의사항

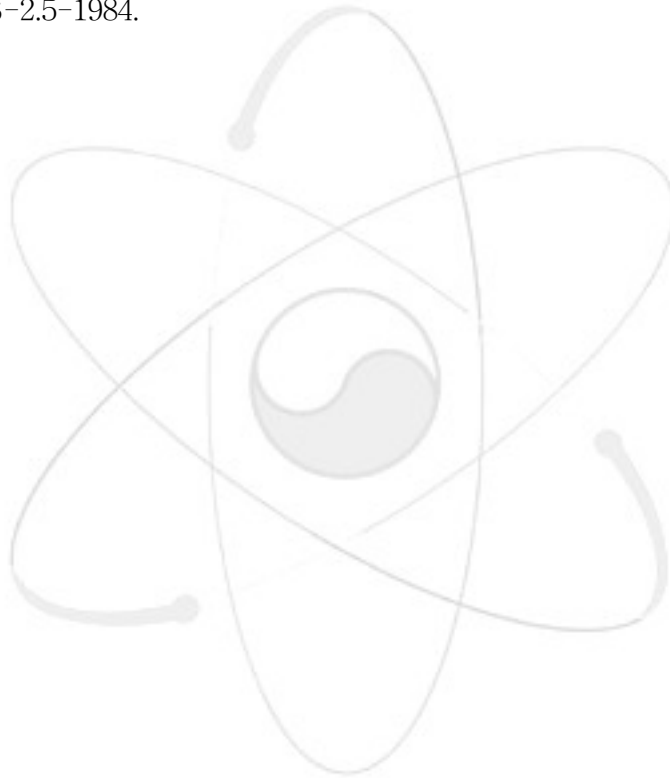
2004년의 기상관측률은 98.8 %로 매우 안정적인 운영을 기록하였다. 정온상태의 빈도가 67 m와 27 m에서는 약간 감소하고 10 m에서는 약간 증가한 것을 제외하고 주 풍향, 평균 풍속, 온도, 습도 등은 모두 전년에 비해 큰 차이가 없는 것으로 나타났다.

다목적연구용 원자로인 하나로, 폐기물 처리시설 및 한국원전연료주식회사가 위치하고 있는 대덕원자력부지는 지형 특성상 보다 많은 양의 기상관측과 분석을 필요로 한다. 다행히 주기상탑과 더불어 한국원전연료주식회사의 보조기상탑에서 관측하는 기상자료가 실시간으로 입력되므로 보다 상세한 기상자료를 얻을 수 있게 되었으나 두 기상탑의 거리가 멀지 않아 이 관측값만으로 복잡한 지형에서의 대기 운동을 분석한다는 것은 무리가 있다.

혼합층의 높이 측정을 위한 Radiosonde와 고층기상관측시스템인 SODAR를 운영하고 이로부터 얻어지는 자료를 함께 분석한다면 보다 정확하게 주변환경에 대한 영향을 파악할 수 있게 될 것이며, 이는 부지내 원자력관련시설들의 운영중 방사선 환경영향평가뿐 아니라 사고에 대비한 비상방재를 위해서도 꼭 필요한 일이다.

## 참 고 문 헌

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서 지 정 보 양 식					
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<b>초록 (300 단어 내외)</b>					
<p>원자력시설주변 환경방사선평가 과제의 일환으로 기상탑을 운영하고 점검 및 보수, 기상관측기기의 교정 및 보수를 실시하였다. 67m, 27m, 10m 높이에서의 풍향, 풍속, 온도, 습도와 지표상에서의 온도, 습도, 기압, 일사량, 강우량, 시정거리 등의 관측자료를 수집하였으며 수집된 자료를 통계처리하여 분석하였다. 연간 바람관측자료를 분석하면 67m에서 봄, 여름에는 동풍이 탁월하고 겨울에는 북북서풍이 우세하였다. 연간 정온상태(calm)는 67m에서 27.3%, 27m에서 37.4%, 10m에서 52.2%였다. 수집된 자료는 무선모뎀을 통하여 기상정보 처리 시스템에 전달되며 이는 정상가동 및 사고시 환경영향평가 시스템과 on-line으로 연결되어 기상자료의 실시간 이용이 가능하다.</p>					
<b>주제명 키워드 (10단어 내외)</b>					
기상탑, 기상정보처리, 기상자료처리, 환경영향평가					

<b>BIBLIOGRAPHIC INFORMATION SHEET</b>					
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<b>Abstract (About 300 Words)</b>					
<p>Inspection and repair of tower structure and lift, instrument calibration have been done in the scope of "Environmental Radiation Monitoring Around the Nuclear Facilities" project.</p> <p>Wind direction, wind speed, temperature, humidity at 67m, 27m, and 10m height and temperature, humidity, atmospheric pressure, solar radiation, precipitation, and visibility at surface have been measured and analyzed with statistical methods.</p> <p>At the site, the prevailing wind directions were E in spring and summer, NNW in winter season. The calm distributed 27.3% at 67m, 37.4% at 27m, 52.2% at 10m height.</p> <p>Wireless data transmission to MIPS(Meteorological Information Processing System) has been done after collection in the DAS where environmental assessment can be done by the developed simulation programs in both cases of normal operation and emergency.</p>					
<b>Subject Keywords (About 10 Words)</b>					
<p>meteorological tower, meteorological information processing, meteorological data processing, dose assessment</p>					