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Overall Analysis of Meteorological Information in
the Daeduk Nuclear Complex

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Project Manager and Dept.	Moon Hee, Han(Environmental System Analysis Dept.)		
Researcher and Dept.	Young Bok, Lee (Environmental System Analysis Dept.), Eun Han, Kim("), Kyung Suk, Suh("), Won Tae, Hwang(")		
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<p>Inspection and repair of tower structure and lift, instrument calibration have been done. 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> <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 SW in spring and summer, NNW in winter season.</p>			
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提 出 文

所 長 貴 下

本 報 告 書 를 機 關 固 有 事 業 “放 射 線 防 護”의 分 野 課 題: “大 德 原 子 力 施 設 周 邊 氣 象 情 報 綜 合 解 析”의 年 次 報 告 書 로 提 出 합 니 다.

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研 究 室 名: 環 境 시 스템 해 석 분 야

課 題 責 任 者: 韓 文 熙

研 究 員: 李 英 馥

研 究 員: 金 隱 漢

研 究 員: 徐 景 錫

研 究 員: 黃 元 泰

要約文

I. 題目

大德 原子力施設 周邊 氣象情報 綜合解析

II. 運營의 目的 및 必要性

放射性 物質을 취급하는 施設이 密集되어 있는 우리 연구소 敷地는 地形特性上 보다 상세한 氣象觀測을 필요로 한다. 단일 觀測地點에서 수집되는 資料에 의존하여 放射性物質의 대기중 擴散을 단순한 직선적 正規分布로 해석하는 모델은 복잡한 地形에서 일어나는 氣象狀態를 적절히 반영할 수 없다. 따라서, 입자의 軌跡을 3차원 공간에서 追跡하는 방법으로 時間과 空間에 따른 擴散을 把握하는 數值 모델이 요구되며, 이를 위해서는 세밀한 觀測資料가 필요하다.

研究所 敷地內의 氣象觀測과 分析을 目的으로 하고 있는 本 運營課題에서는 敷地選定, 氣象塔의 設計, 觀測資料의 認知 및 處理, 무선전송 및 實時間 資料의 화면처리, 자료저장, 擴散 및 被曝모델과의 온라인 구성등에 있어, 새로운 概念의 合理的 運營을 시도함으로써 보다 신속하고 정확한 방사능확산 및 주민의 피폭예측이 가능하게 되었다. 氣象塔의 點檢 및 補修와 觀測器機의 補修·維持는 정확한 觀測資料의 확보를 위해 반드시 필요한 事項이며, 이는 專門家の 계속적인 點檢과 補完을 필요로 한다. 觀測된 氣象資料는 收集, 分析되어져서 敷地內 放射性 物質 排出施設別로 環境影響評價에 이용되며, 氣象資料處理 시스템과 非常時 放射線被曝解析 시스템간의 온라인화로 사고시에는 신속한 피폭평가에 이용할 수 있다.

III. 運營의 內容 및 實績

氣象塔 維持·補修와 昇降機 點檢, 氣象觀測器機의 校正, 補修作業등을 수행하였다. 67 m, 27 m, 10 m 높이에서의 年間 風向, 風速, 溫度, 濕도와 地表上에서의 溫度, 濕度, 氣壓, 日射, 降雨, 視程 등의 자료를 수집하였으며 수집된 자료를 統計處理하여 分析하였다. 이 자료는 “대덕원자력관련시설의 운영중 방사선환경영향평가” 과제의 수행을 통하여 하나로와 환경관리센터, 한국원전연료주식회사의 분기별 환경영향평가에 사용되었다.

DAS에서 수집된 자료는 無線 모뎀을 통하여 氣象情報 處理 시스템에 전달되며 이는 正常稼動 및 事故時 環境영향 평가 시스템과 on-line으로 연결되어 氣象資料의 實時間 이용이 가능하도록 構成되어있다.

IV. 運營結果 및 活用に 對한 建議

작은 구릉과 山으로 둘러싸인 大德原子力團地는 氣象特性이 매우 複雜하게 나타나는 代表的인 地域이다. 따라서 原子力施設의 정상가동 및 非常事態에 대한 放射性 物質의 擴散을 精確히 豫測하기 위해서는 여러 곳의 高度別 氣象觀測이 동시에 施行되어야 한다. 大德原子力團地에서 試圖되고 있는 綜合氣象網 構成 및 被曝解析시스템은 이런 조건을 만족시키면서 그 개념과 구성이 古典的 方式을 뛰어넘는 進일보된 네트워크로 수립되고 있다. 한편 80m 이상의 高空氣象觀測이 追加되어야 역전층의 발달과정 및 여러가지 總觀적 기상 특성이 分析될 수 있을 것으로 본다.

SUMMARY

I. Project Title

Overall Analysis of Meteorological Information in the Daeduk Nuclear Complex

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 mountaineous 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.

Statistical analysis with collected data can be directly applied to the environmental assessments for the normal operations of several nuclear facilities in the site. And another objective function of meteorological measurement is to enable a real-time dose assessment upon a potential emergency. In order to meet these real-time requirements, on-line network system will be upgraded continuously in future.

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.

Wireless data transmission to MIPS(Meteorological Information Processing System) has been done after collection in the DAS(data acquisition system) where environmental assessment can be done by the developed simulation programs in both cases of normal operation and emergency.

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.

It is recommended that a set of radiosonde system should be additionally operated at the site in order to investigate the development of inversion layer and the characteristics of synoptic meteorology.

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第 1 章 序 論

原子力施設の 가동에 따른 放射性物質의 환경 방출시 放射性物質의 大氣中 擴散, 移動, 침적 등의 실제 상황을 정확히 評價하기 위해서는, 면밀한 氣象 감시망이 종합적으로 구성되고 自動化되어야 한다. 이는 1979년 TMI-2 原電事故 以前까지 운영 및 관리되던 古典的 氣象監視 체제가 事故時 비상대응조치에 無用之物이 된 배경에서, 氣象觀測 및 放射性物質의 舉動에 대한 감시 체제에 일대 변혁이 필수적인 것으로 인식되었다. 따라서 TMI 사고 이후 반드시 수립해야 할 후속조치 사항의 하나로 監視網의 자동화와 관련한 권고사항이 제시되었으며^{1,2)}, 歐美 各國에서는 이를 이미 시행 중에 있다.

단일 氣象塔으로부터 수집되는 資料에 의존했던 既存의 환경 방사능의 확산 및 침적 예측은 장기간에 걸쳐 放射性物質이 통계적으로 風下方向上 (downwind direction) 단순한 직선적 정규 분포를 취할 것이라는 비현실적 가정에 기초하고 있다. 그러나 이 방법으로는 原子力施設 事故와 같이 단시간에 복잡한 지형과 風向에 따라 변화하는 放射性物質의 流體 力學的 擴散에 대한 예측은 불가능하게 되었다. 따라서 기존의 형식적 氣象觀測을 지양하고 原子力施設의 非常事態時 신속한 對應 體制의 樹立 및 運營이 필요하게 되었다.

本 運營課題에서는 이를 위해서, 氣象塔의 3개 고도별 風向, 風速, 溫度, 濕度와 1.5 m에서의 氣壓, 日射量, 溫度, 濕度, 降雨量, 視程 距離 (visibility) 등의 氣象 資料를 연속 측정하고 on-line으로 연결하여 電算 處理하고 있다. DAS를 통하여 수집된 자료는 무선모뎀 (radio frequency MODEM)을 통하여 한국원자력연구소 제 1 연구동에 위치한 기상정보처리 시스템 (Meteorological Information Processing System : MIPS)으로 전달되어

순간 및 평균 기상 변수치를 도시하면서 자료가 바로 컴퓨터에 저장되도록 구성되어 있으나 전파법규의 개정으로 무선국 설비 및 허가를 갱신하는 중이므로 금년도에는 운용되지 않았다. 각 氣象要素 別로 연속 측정된 자료는 15분 단위로 평균하여 연속 저장하며, 이들 자료를 적절한 algorithm으로 통계 처리하였다. 또한 시간에 따른 變化量을 계속 display할 뿐 아니라, 해당 지역에 적합한 風速場 및 확산 모델로 방사능의 현 시각 해당 위치에서의 분포를 연속적으로 해석해 주는 전산 시스템도 구성·운영하고 있다.

第 2 章 本 論

第 1 節 運營內容 및 方法

1. 氣象塔 DAS 및 관측기기의 구성

DAS 시스템은 기상관측기기 (sensor), 자료수집기 (data logger), 기상자료 저장 컴퓨터로 구성되어 기상자료를 수집하여 분석한다. 風向, 風速, 溫度, 雨量, 視程距離 등의 기본자료들을 자료수집기에 의하여 수집한 후 자료를 취합하여 기본 관측자료를 만든다. 수집된 관측자료는 5초 간격으로 무선 송신하고 기상자료저장 컴퓨터의 호출시에도 관측자료를 송신하고 자체내에 7일분의 관측치를 저장하고 있어 만약에 있을지도 모르는 통신장애에 대비하도록 설계되었다. 그림 1과 2에 기상탑 관측기기 및 DAS의 構成을 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.

(1) 구성

Data logger는 크게 아날로그 신호변환부, 데이터 처리부, 통신부, 표시부로 구성되어 있다.

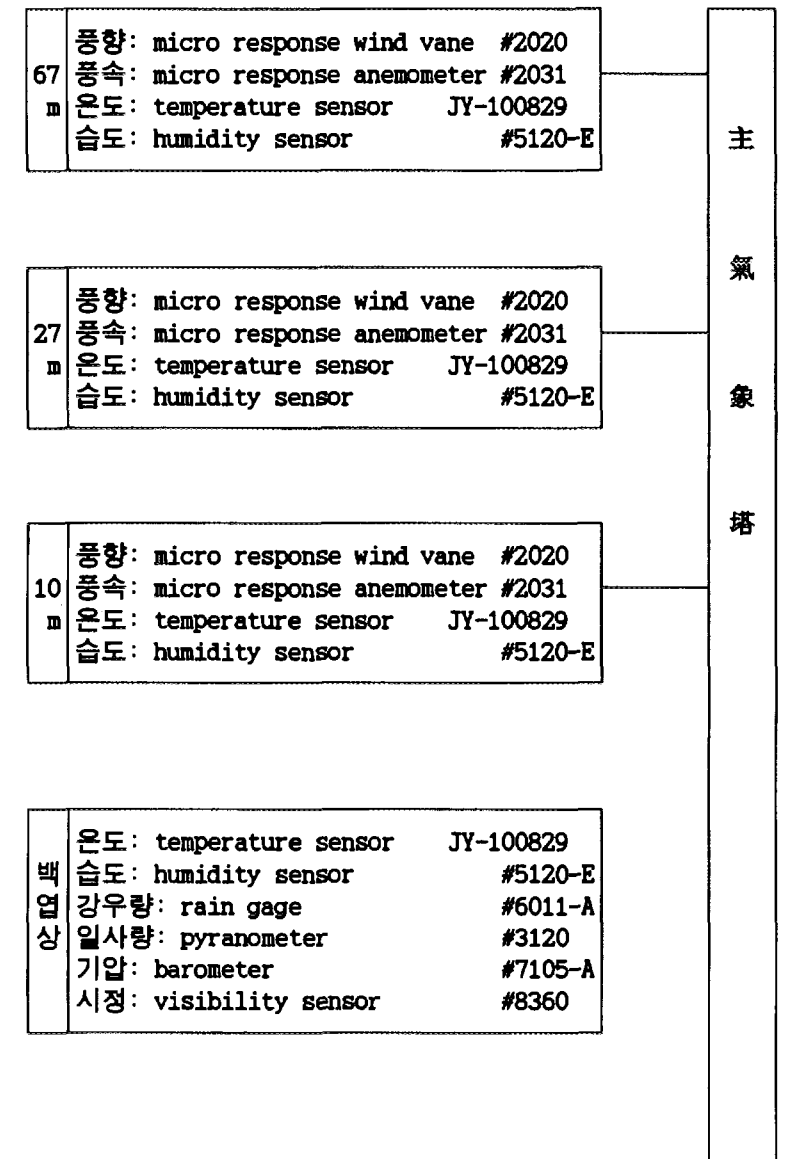


그림 1. 氣象塔 觀測器機의 構成.

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

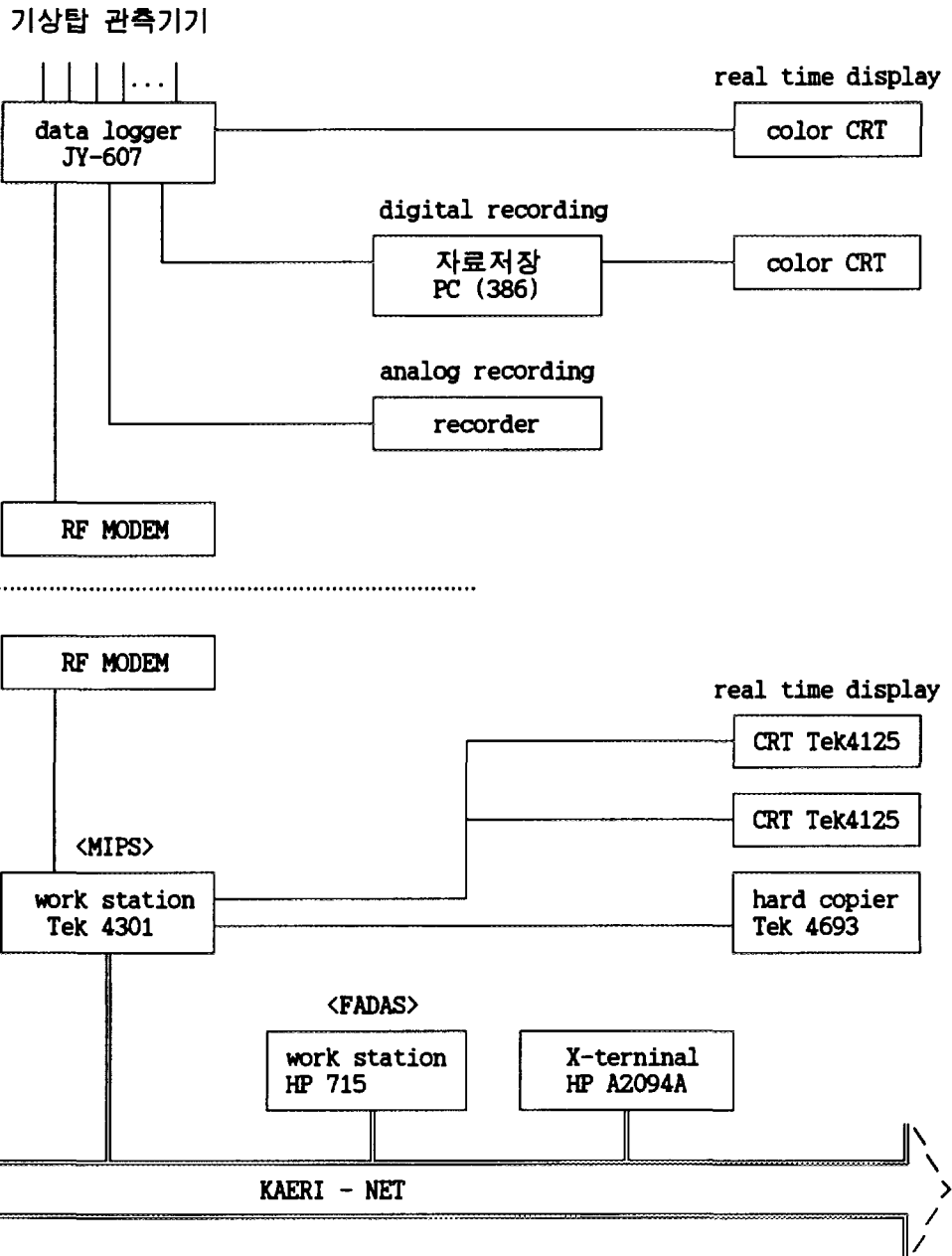


그림 2. 局地規模의 DAS 및 H/W 構成
(Configuration of local DAS and H/W)

(2) 제원

- CPU : 32 bit (i80486DX2-66)
- RAM : 4 MB
- ROM : 32 KB
- 12 bit A/D Channel : 32
- 12 bit D/A Channel : 1
- Counter Channel : 1
- Display : 9" color monitor
- Key Pad : 101 key
- 통신 Port : 2 RS 232C port

(3) A/D 변환기

- A/D Conversion : 12 bit
- Conversion Speed : 25 μ s
- 입력전원 : ± 12 V, 5 V
- MUX을 통하여 아날로그 입력을 받아 12 bit의 디지털로 변환 (0 - 4096)하는 것으로 디지털로 변환되는 자료는 CPU로 보내져 연산처리한다.

(4) D/A 변환기

- D/A Conversion : 12 bit
- Conversion Speed : 10 μ s
- 입력전원 : ± 12 V, 5 V
- CPU로부터 12 bit의 data를 받아 아날로그 출력을 시키는

것으로 기록기 등에 사용한다.

(5) FDD Controller

- 3.5" : 720 KB
- 34 Pin daisy-chain 플랫트 케이블
- FDD controller는 data logger가 처음 start할때 program을 loading한다.

(6) Real Time

- 발진주파수 : 32.768 kHz
- 배터리 : 3.6 V
- Data logger의 전원이 끊어져도 backup 배터리에 의하여 계속 작동된다.

(7) 시리얼 Port

- Port 1 : 3F8-3FF
- Port 2 : 2F8-2FF
- Data logger와 외부와의 자료송신 및 수신을 하기 위한 것이다.

나. 觀測器機

(1) 溫度計 (JY-100829)

- 형 태 : 100 Ω의 백금 4선 RTD 수감부 (JIS 규격)
- 측정범위 : -50 °C ~ +50 °C
- 정 확 도 : ±0.3 °C

이 수감부는 온도의 증가에 따라 순수 금속의 전기 저항값이 변한다는 원리를 이용한 것으로서 선형 상관관계가 뛰어나고 안정성과 감응성이 좋고 부식되지 않는 백금선을 사용한다. 4선 설계를 한 것은 있을지도 모를 유도저항오차를 최대한도로 자동보상시키기 위한 것이다. 수감부는 JIS 규격에 따라 제작되었다.

(2) 濕度計 (WeatherMeasure 5120-D)

- 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) 風向計 (WeatherMeasure 2020)

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

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

(4) 風速計 (WeatherMeasure 2031)

- 형 태 : 3-cup assembly
- 측정범위 : 0 ~ 45 m/sec

- 정 확 도 : ± 0.066 m/sec or 1%

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

(5) 降雨計 (WeatherMeasure 6100-A)

- 형 태 : tipping bucket rain gauge
- 해 상 도 : 0.25 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) 日射計 (WeatherMeasure 3120)

- 형 태 : silicon photovoltaic cell
- 측정범위 : 0 ~ 1500 W/m²
- 정 확 도 : 50 mV/Wm⁻²

실리콘 광전지에 0.35 ~ 1.15 μ 의 태양빛이 쬐면 전기가 발생되며 이를 측정한다.

(7) 氣壓計 (WeatherMeasure 7105-A)

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

기압의 변화를 압전소자가 감지하여 이를 전기적 신호로 변환한다.

(8) 視程計 (WeatherMeasure 8360)

- 형 태 : active electro-optical sensor
- 측정범위 : 0 ~ 32 km
- 정 확 도 : $\pm 10\text{m}$

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

다. 觀測器機 Interface

(1) 풍향계 Interface

풍향계는 vane과 potentiometer가 한쌍이 되어 풍향을 측정하여 potentiometer의 저항값에 비례하는 전압이 발생하여 그 전압으로 풍향을 측정 기록한다. Potentiometer는 작은 힘에 의해서도 작동되므로 정확한 자료를 얻을 수 있다.

풍향 센서의 출력신호는 5 k Ω 의 port에서 풍향에 대응하는 전압이 출력된다. 변환기에서는 센서에서 출력된 전압을 0 - 10 V로 변환시킨다. 0 V일때는 0 V로, 5 V일때는 10 V로 변환한다. 또한 풍향센서는 안정된 5.0 V의 전원이 필요하므로 변환기에서는 5.0 V의 전원장치가 내장되어 있다.

(2) 風速計 Interface

풍속계는 풍속에 비례하여 발생하는 DC 전압을 측정하여 기록한다. 풍속 센서의 출력신호는 풍속에 대응하는 직류전압으로 출력한다. 변환기에서는 센서에서 출력된 전압을 0 - 10 V로 변환시킨다. 즉, 0 V일때는 0 V로, 0.858 V일때는 8.33 V의 출력으로 변환한다.

(3) 溫度計 Interface

온도 센서의 출력은 Pt-100 constant current 방식으로 온도변화에 의해 출력전압의 변화로 나타난다. 예로 저항이 119.382 Ω 일때는 50 $^{\circ}\text{C}$ 로 표시되고 80.26 Ω 일때는 -50 $^{\circ}\text{C}$ 로 표시되어야 한다.

(4) 濕度計 Interface

센서에서 출력되는 상대습도의 값은 0 - 100 mV의 출력이 0 - 100 %의 상대습도를 나타낸다. Interface는 0 - 100 mV의 입력을 0 - 10 V 출력으로 변환시켜 준다.

(5) 氣壓計 Interface

기압계 interface는 600 hPa일때 2.9000 V, 1100 hPa일때는 5.3167 V의 출력되는 신호를, 600 hPa일때 0 V, 1100 hPa일때는 10 V로 출력되게 변환한다.

(6) 視程計 Interface

視程計는 0 mA 일때 0 V, 1 mA 일때 10 V의 출력이 되도록 변환한다. 0 V는 0 km, 10 V는 32.18 km이다.

(7) 降雨計 Interface

강우센서는 펄스신호이므로 노이즈 제거만 한다.

(8) Radiation Shield Interface

Radiation shield alarm은 high, low 상태를 측정한다.

2. 觀測器機의 校正 및 維持管理

가. 觀測器機의 校正

기상탑의 일상점검과 器機의 校正 및 검사결과 유지를 위하여 기상탑 운영일지와 기상관측기기 검사·교정 기록부를 작성하며, 교정결과를 부록에 실었다.

(1) 風向計

器機 校正은 수시로 행하며 校正하기전에 센서를 點檢한다. 器機 作動을 점검하기 위해, 電壓計 또는 멀티미터(multimeter)를 이용하여 可變抵抗을 測定하며 이때 최소 1 kΩ부터 측정을 시작한다.

저항측정기 導線(test leads)의 極을 점검하고 센서 케이블을 이용하여, 붉은색 선을 檢針機의 陽極에, 검은색 선을 陰極에 둔다. 風向計의 날개가 시계 반대방향으로 움직임에 따라 전압 또는 저항이 증가하는지를 관찰한다.

가변저항기의 總抵抗을 측정하기 위해 흰색 선(+)과 검은색 선(-)을 측정하며 저항이 $5,000\Omega \pm 5\%$ 가 되는지를 확인한다. 보다 정확한 측정을 위해서는 "make-before-break point" 바로 직전 날개의 최대위치로 서서히 회전시킴으로써 붉은색 선(+)과 검은색 선(-) 사이에서 저항치를 얻으며 수회의 측정치를 평균한다.

센서 하우징(housing)에 북쪽을 가리키는 지시표와 가변저항기의 정렬은, 위에 기술한대로 센서를 측정하고 가변저항기 몸체를 회전시킴으로서 수행된다. 먼저, 가변저항기 몸체를 회전시키기 위해 가변저항기 탑재판에 있는 두개의 고정나사를 느슨하게 한다. 북쪽 지시표를 잡고 서로 일치시켜 전송 신호 출력이 $5k\Omega$ 또는 0Ω ($3.333V$ DC 또는 $0V$ AC)을 가리킬 때까지 가변저항기의 몸체를 회전시킨다. 고정나사를 서서히 조이면서 변화를 점검하기

위해 출력을 다시 측정한다. 필요시에는 위의 단계를 반복한다. 교정이 끝난 후 센서를 다시 설치하기 전에 센서의 작동을 확인한다.

(2) 風速計

風速計의 교정은 수시로 행한다. 센서의 출력은 샤프트를 임의의 속도로 회전시켜 기기교정 資料를 내삽하여 결정한다. 風速計의 제너레이터나 샤프트 등이 보수 또는 교체될 때는 항상 기기를 교정해야 한다. 1800, 600 또는 300rpm으로 샤프트를 회전시켜 출력전압을 측정한다. 만일 출력전압이 변하였다면 모듈 입력전압을 재조정하여야 한다.

(3) 溫度計

溫度計의 교정은 수시로 행한다. $\pm 0.05^{\circ}\text{C}$ 까지 정확도를 갖는 표준 溫度測定 장치를 갖춘 정밀 較正函에 센서를 둬으로써 기기교정이 행해진다. 이 측정치는 센서 출력저항과 비교하여 溫度計가 정해진 정확도를 벗어난다면 교체한다. 標準 溫度計와 센서를 비교하는 것은 기기 교정결과를 점검하는 매우 효과적인 방법이다.

(4) 濕度計

濕度計의 較正은 매 3개월에서 6개월 간격으로 행한다. 3.6 V DC (또는 5.0 VDC) 여기전압과 연결하고, 센서의 출력을 위해 정확성을 갖는 밀리볼트 측정기와 연결한다. 필터를 풀고 외부 보호체를 제거하여 3개의 가변저항기를 끄집어 낸다. R18을 시계반대방향으로 완전히 돌린다. 센서를 低濕度函(LiCl 포화용액: 12% RH)에 넣고 적어도 48시간 동안 둔다. R10을 돌려서 10%로 조정한다. 센서를 저습도함에서 꺼내어 高濕度函(K_2SO_4 포화용액: 96% RH)에 넣고 25분 경과 후 밀리볼트기가 해당 濕度보다 2% 이하

로 될 때까지 R16(SPAN)을 조정한다. 센서를 다시 저습도함에 25분간 집어 넣어 R10을 돌려서 함의 濕度보다 1% 낮도록 센서를 조정한다. 축전기 센서부를 제거한 후 센서부 대신 65-75 pF 사이의 콘덴서를 사용한다. 100.0 mV에서 出力電壓이 그대로 유지될 때까지 R18(CLAMP)을 조정한다. 150 mV 신호를 U2의 핀 7에 가하고 출력이 100 mV에서 고정될 때까지 R18을 조정한다. 외부 보호체, 센서부 및 필터를 제 위치에 맞추면 교정이 끝난다.

나. 觀測器機의 維持管理

(1) 風向計

베어링과 센서의 올바른 作動 및 腐蝕防止를 위해 수시로 點檢 管理한다. 가변저항기와 연결된 날개의 샤프트는 항상 부드럽게 回轉되어야 하며 가변저항기나 센서 몸체에 있는 베어링이 마모되어서 回轉이 부드럽게 되지 않으면 베어링 또는 저항부를 交替한다. 가변저항기는 하우징으로부터 分離하기 前에 하우징 연결부의 납땜 부위를 떼어내선 안되며 하우징의 베이스에 있는 세개의 나사를 풀고 분리한다. 워셔(washer)에 있는 두개의 나사는 가변저항기를 하우징 내부 공간에서 고정시켜 주며 이들 나사를 풀고 가변저항기와 샤프트를 가볍게 내린다. 腐蝕은 센서 손상의 주문제점으로, 연결부가 부착된 상태로 제 위치에 놓은 후에 연결부 내관에 실리콘 윤활유로 두꺼운 코팅을 한다. 또한, 센서의 분리가 요구될 때는 항상 모든 나사와 조임새에 부식방지 윤활유를 사용한다.

센서의 분해와 재결합시에는 매우 주의를 기울여야 하며 서로 부품을 맞추기 위해 무리한 힘을 가하지 말아야 한다. 과도한 조임은 조임새를 파손시키거나 센서의 나사를 손상시킨다.

(2) 風速計

수시로 風速計 베어링의 마모상태를 점검한다. 베어링은 밀봉되어 먼지나 습기가 내부로 들어가는 것을 방지하지만, 시간이 흐름에 따라 내부로 먼지가 들어가는 것을 계속 방지할 수는 없어 베어링의 손상을 야기시킨다. 부식은 센서 손상의 주요 원인이므로, 연결부가 부착된 상태에서 제 위치에 놓은 후 연결부 내관에 실리콘 윤활유로 두꺼운 코팅을 한다. 또한, 센서의 분리가 요구될 때는 항상 모든 나사와 조임새에 부식방지 윤활유를 사용한다.

야외에서 베어링을 교체할 시에는 다음 순서에 따른다. 캡 어셈블리 허브(cap assembly hub)에 있는 두개의 나사를 풀고 캡 어셈블리를 제거한다. 하단 몸체부분을 제거한다. 아답터의 가장자리 둘레에 있는 세개의 나사를 풀어 風速計 하우징으로부터 제너레이터와 아답터를 제거한다. 샤프트에서 E-클립을 제거하고, 샤프트를 아래로 빼낸다. 나이프 에지(knife edge)로 상부 베어링을 제거한다. 이때 베어링에 무리한 힘을 가하거나 망치를 사용해서 안된다. 직경 6.35 mm의 막대봉을 위에서 아래로 집어넣어 하단 베어링을 가볍게 친다. 모든 부품을 깨끗히 하고 새로운 베어링으로 교체한다.

風速計의 조립은 분해의 역순으로 행하는데, 제너레이터 샤프트에 브러쉬 결합기(brush-coupler)를 조립한다. 風速計 주샤프트 어셈블리를 제 위치에 둔다. 샤프트가 부드럽게 회전되는지 점검한다. 제너레이터와 아답터를 풍속기 하우징에 삽입하고 샤프트 어셈블리를 설치한다. 만일 하우징이 제거되었다면 연결부를 하우징속에 설치하고, 하부 하우징을 상부 하우징과 대체한다. 직류 제너레이터로 어떤 문제점이 발생되는지 점검하며 신호 모듈과 새로운 어셈블리를 연결하기 전에 적절한 전압의 극성을 점검한다. 센서의 분해와 조립시 매우 조심스럽게 다루어야 한다.

(3) 溫度計

수시로 기기를 점검하는 것 외에 특별한 유지관리는 필요치 않다.

(4) 濕度計

수시로 기기를 점검한다. 전기용량 감지부를 만지면 센서의 손상을 야기시키며, 센서가 손상되었다면 다음 방법에 의해 새 것으로 교체한다. 센서를 기기로부터 떼어내기 위해 필터를 푼다. 소켓으로부터 손상된 센서를 떼어낸다. 새로운 센서를 핀 연결대에 고정시켜 소켓으로 집어 넣는다. 새로운 센서로 濕度計를 檢較正한다. 필터를 제 위치에 둔다.

필터가 더러워졌다면 비눗물로 세척한 후, 물로 깨끗히 헹구고 건조시킨다.

3. 氣象塔 維持管理

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

가. 氣象塔 點檢

기상탑의 점검항목은 다음과 같다.

- (1) 항공동 점검
- (2) 철탑지선 점검
- (3) 철탑점검

- (4) 피뢰침 점검
- (5) 울타리 점검
- (6) Arm 점검

나. 昇降機 點檢

승강기의 점검항목은 다음과 같다.

- (1) 신호판/안내서
- (2) Limit S/W
- (3) 이탈방지장치
- (4) 수동하강장치
- (5) 탑승자 보호장치
- (6) 과속방지장치
- (7) 제동
- (8) Motor
- (9) 출입구 작동상태
- (10) 완충장치
- (11) Guide Roller
- (12) Cable Guide
- (13) Cable Drum
- (14) Mast
- (15) B-Panel
- (16) M-Panel
- (17) Control Swich Box
- (18) 기타

4. 氣象塔 運營

가. 氣象觀測資料의 收集 및 記錄

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

DAS는 두가지 경우에 대해 설계할 수 있는데 전국규모의 경우에는 중앙기상대를 비롯한 한반도 전지역의 기상대 측정망과 연구소의 기상정보처리실을 연계시키는 것이다. 국지적인 규모의 경우에는 한국원자력연구소 부지내에 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 지표상에 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.

資料認知 및 處理系統은 자료를 수집하고 처리, 기록하기 위해 설계되었다. 자료 기록장치는 1개의 디지털 기록장치와 1개의 보조 아날로그 기록장치로 구성된 이중방식을 채택하고 있다. 風向과 風速을 기록하는 보조 아날로그 記錄裝置는 연속 스트립 차트형을 채택하였다.

확률론적 사고에 의한 환경영향을 평가하기 위해서는 1년간의 시간당

氣象資料가 요구된다. 하나로의 가동으로 인한 환경영향을 평가하기 위해 風向, 風速 및 大氣安定度에 따른 氣象群別 發生頻度횟수와 冷却塔에 의해 發生되는 안개와 아이싱(icing)의 정도 및 發生횟수를 나타내는 相對濕度 資料가 요구된다. 한편 사고시 실시간 피폭해석을 위해서는 순간 관측치 및 15분 평균치의 기상자료가 계속 입력되어야 한다. 표 1에 관측자료들의 종류와 특성을 열거하였다.

나. 氣象觀測資料의 分析

放射性物質에 의한 환경영향 평가를 위해 기본적으로 氣象資料는 1시간당 평균된 資料가 요구된다. 적어도 매 시간동안 15분 연속자료가 시간당 평균을 나타내기 위해 사용된다. 降雨量은 積算(cumulative) 기준으로 1시간당 資料가 요구된다. 이들 氣象觀測資料는 매달 한번씩 각 측정고도에 대해, 7개 大氣安定度別 16개 風向別, 12개 風速等級別 氣象群의 發生頻度가 電算 프로그램에 의해 분석된다.

15분 동안 觀測된 資料는 모아져서 15분 평균 風速으로 저장된다. 風速은 통계적으로 合成風과 最頻 값(mode)을 많이 사용한다. 합성풍은 순간 바람의 벡터를 x, y 성분으로 분류하여 평균을 구한 후 다시 합성하는 것으로 다음 식³⁾을 이용한다.

$$\bar{u} = \frac{u_1 + u_2 + \dots + u_n}{n}$$

$$\bar{v} = \frac{v_1 + v_2 + \dots + v_n}{n}$$

$$\bar{U} = \sqrt{\bar{u}^2 + \bar{v}^2}$$

표 1. 氣象觀測資料의 種類 및 特性

(Items and relevant properties of meteorological parameters).

종류	설치위치	모델No.	출력전압[V]	범위	단위
풍향	67m	2020	0.0~1.2	0.0~360.0	degree
풍향	27m	2020	0.0~1.2	0.0~360.0	degree
풍향	10m	2020	0.0~1.2	0.0~360.0	degree
풍속	67m	2031	0.0~0.775	0.0~44.70	m/sec
풍속	27m	2031	0.0~0.775	0.0~44.70	m/sec
풍속	10m	2031	0.0~0.775	0.0~44.70	m/sec
온도	67m	100829	4.47~1.604	-50.0~+50.0	℃
온도	27m	100829	4.47~1.604	-50.0~+50.0	℃
온도	10m	100829	4.47~1.604	-50.0~+50.0	℃
온도	1.5m	100829	4.47~1.604	-50.0~+50.0	℃
습도	67m	5120E	0.0~0.100	0.0~100.0	%
습도	27m	5120E	0.0~0.100	0.0~100.0	%
습도	10m	5120E	0.0~0.100	0.0~100.0	%
습도	1.5m	5120E	0.0~0.100	0.0~100.0	%
강우량	지표	6011A	0~1	0.0~0.25	mm
일사량	1.5m	3120	0~0.01103	0.0~1500	W/m ²
기압	1.5m	7105A	2.714~4.9755	600~1100	hPa
시정	3.0m	8360	-	400~3218	m

여기서, u : 바람의 x 성분,

v : 바람의 y 성분

최빈값은 15분 동안 가장 많은 頻度를 갖는 主風向(prevaling wind direction)을 택하는 방법인데 여기서는 합성풍을 구하여 標準偏差를 계산하는데 이용하였다.

大氣安定度를 구하는 방법에는 여러가지가 있는데 가장 많이 사용되는 방법은 風向의 標準偏差를 이용하는 것이다. 표 2에 風向의 標準偏差와 大氣安定度의 관계를 나타내었다. 만일 氣象塔 운용으로 상하층의 溫度차이가 쉽게 구해질 수 있을 경우, 이를 氣溫減率($^{\circ}\text{C}/100\text{m}$)로 환산하여 구할 수도 있는데 표 3에 氣溫減率에 따른 大氣安定度를 나타내었다. 또한 氣象塔도 없고 標準偏差를 구할 수도 없는 경우에는 표 4의 관계로부터 大氣安定度를 구할 수 있다⁴⁾.

風速 및 溫度, 濕度, 日射, 視程, 氣壓 등은 단순히 순간값을 15분 동안 산술평균하여 사용한다. 단, 視程距離가 1km이하일 경우에는 안개로 정의하며⁵⁾ 안개발생시간을 계산한다.

5. 無線局運營

Data logger로부터 연구소 제 1 연구동의 자료처리실로 기상자료를 전송하기 위하여 무선모뎀을 이용하여 왔으며, 전파법 제 11조의 규정에 의하여 다음과 같이 無線局의 허가를 받아왔다. 그러나 전파법규의 변경으로 주파수 대역을 좁게하고 상용 기지국으로 다시 허가를 받도록 되었으므로 1995년 6월 30일부터 무선국 운영을 중단하고 MODEM 및 관련장비를 교체 또는 수리하고 관련법규에 따라 무선국 허가를 요청하고 있다.

<<무선국 가허가사항>>

가허가일자 : 1996. 10. 25

가허가번호 : 21-96-50-00018, 21-96-50-00019

준공기한 : 1996. 12. 31

무선국 종별 : 고정국

무선국 명칭 : 원자방사성1, 원자방사성2

호출명칭 : 원자연구6, 원자연구7

주파수 : 465.1 MHz

전파형식 : 8K50 F2D

통신사항 : 방사선 측정 데이터의 무선 전송용

공중선 형식 및 공중선 전력 : Ground Plane 2.00W

표 2. 風向의 標準偏差에 따른 大氣安定度.

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

Stability Classification	Pasquill Categories	σ_{θ} (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 3. 氣溫減率에 따른 大氣安定度.

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

Stability Classification	Pasquill Categories	$\Delta T/\Delta z$ ($^{\circ}\text{C}/100\text{m}$)
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	$4.0 < \Delta T/\Delta z$

표 4. 日射와 風速에 따른 大氣安定度

(Classification of atmospheric stability with radiation intensity and wind speed).

Surface wind speed (m/sec)	Insolation			Night	
	ST	MO	SL	Thinly overcast or $\geq 4/8$ low cloud	$\leq 3/8$ cloud
< 2	A	A-B	B	-	-
2-3	A-B	B	C	E	F
3-5	B	B-C	C	D	E
5-6	C	C-D	D	D	D
> 6	C	D	D	D	D

(Note) ST : Strong, MO : Moderate, SL : Slight

Notes:

1. Strong insolation corresponds to sunny midday in midsummer in England; slight insolation to similar conditions in midwinter.
2. Night refers to the period from 1 hr before sunset to 1 hr after sunrise.
3. The neutral category D should also be used, regardless of wind speed, for overcast conditions during day or night and for any sky conditions during the hour preceding or following night as defined above.
4. For A-B, take the average of values for A and B, etc.

第 2 節 運營結果 및 考察

1. 觀測器機 및 氣象塔의 維持管理

氣象塔은 6개월마다, 승강기는 2개월마다 점검하였다. 관측기기는 수시로 점검하여 고장시 보수하였다. 기압계와 시정계는 고장이 났으나 대체품 및 부속이 없어서 현재 관측이 중단되어 있다.

2. 觀測資料 收集

3월 10일부터 3월 14일, 9월 11일부터 9월 23일사이에는 점검 및 교정작업으로 인하여 기상자료가 결측되었다. 3월 31일부터 4월 2일까지, 6월 23일부터 6월 26일까지, 11월 12일부터 11월 13일까지, 11월 30일부터 12월 6일까지는 연구소의 장시간 정전으로 인하여 결측되었다.

년간 기상자료의 수집율은 93.2%이며, 가장 결측이 많은 9월에는 76.7%였다. 표 5와 표 6에 월간 기상관측 및 결측횟수와 연간 기상관측 및 결측횟수를 나타내었다.

3. 觀測資料 分析

국지기상의 기후통계적 분석을 위하여 바람자료의 계절별, 연간 바람장미를 그림 3과 그림 4에 제시하였다. 계절별 바람장미는 봄(3, 4, 5월), 여름(6, 7, 8월), 가을(9, 10, 11월), 겨울(1, 2, 12월)로 나누어 계산하였으며 이 하 모든 기상요소의 경우에도 위와 같이 나누어 계산하였다. 따라서 겨울의 경우에는 같은 해의 1, 2월과 12월의 자료이므로 연속성이 없다.

바람장미를 분석하면 봄에는 서풍과 남서풍이, 여름에는 남서풍이 탁월

표 5. 월간 기상관측 및 결측횟수 (Monthly data recoveries) (1996년 1월)

높이 일	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
1	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
2	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
3	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
4	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
5	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
6	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
7	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
8	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
9	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
10	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
11	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
12	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
13	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
14	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
15	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
16	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
17	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
18	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
19	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
20	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
21	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
22	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
23	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
24	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
25	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
26	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
27	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
28	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
29	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
30	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
31	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
월	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976

표 5. 계속 (Continued) (1996년 2월)

높이 일	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
1	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
2	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
3	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
4	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
5	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
6	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
7	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
8	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
9	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
10	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
11	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
12	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
13	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
14	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
15	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
16	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
17	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
18	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
19	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
20	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
21	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
22	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
23	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
24	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
25	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
26	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
27	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
28	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
29	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
월	2784 (100.00)	0 (0.00)	2784 (100.00)	0 (0.00)	2784 (100.00)	0 (0.00)	2784

표 5. 계속 (Continued) (1996년 3월)

높이 인	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
1	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
2	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
3	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
4	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
5	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
6	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
7	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
8	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
9	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
10	12 (12.50)	84 (87.50)	12 (12.50)	84 (87.50)	12 (12.50)	84 (87.50)	96
11	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	96
12	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	96
13	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	96
14	55 (57.29)	41 (42.71)	55 (57.29)	41 (42.71)	55 (57.29)	41 (42.71)	96
15	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
16	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
17	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
18	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
19	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
20	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
21	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
22	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
23	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
24	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
25	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
26	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
27	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
28	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
29	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
30	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
31	12 (12.50)	84 (87.50)	12 (12.50)	84 (87.50)	12 (12.50)	84 (87.50)	96
월	2479 (83.30)	497 (16.70)	2479 (83.30)	497 (16.70)	2479 (83.30)	497 (16.70)	2976

표 5. 계속 (Continued) (1996년 4월)

높이 일	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
1	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	96
2	56 (58.33)	40 (41.67)	56 (58.33)	40 (41.67)	56 (58.33)	40 (41.67)	96
3	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
4	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
5	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
6	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
7	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
8	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
9	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
10	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
11	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
12	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
13	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
14	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
15	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
16	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
17	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
18	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
19	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
20	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
21	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
22	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
23	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
24	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
25	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
26	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
27	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
28	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
29	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
30	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
월	2744 (95.28)	136 (4.72)	2744 (95.28)	136 (4.72)	2744 (95.28)	136 (4.72)	2880

표 5. 계속 (Continued) (1996년 5월)

높이 일	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
1	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
2	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
3	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
4	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
5	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
6	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
7	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
8	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
9	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
10	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
11	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
12	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
13	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
14	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
15	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
16	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
17	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
18	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
19	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
20	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
21	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
22	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
23	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
24	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
25	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
26	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
27	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
28	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
29	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
30	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
31	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
월	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976

표 5. 계속 (Continued) (1996년 6월)

높이 일	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
1	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
2	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
3	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
4	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
5	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
6	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
7	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
8	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
9	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
10	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
11	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
12	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
13	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
14	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
15	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
16	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
17	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
18	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
19	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
20	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
21	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
22	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
23	12 (12.50)	84 (87.50)	12 (12.50)	84 (87.50)	12 (12.50)	84 (87.50)	96
24	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	96
25	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	96
26	57 (59.38)	39 (40.63)	57 (59.38)	39 (40.63)	57 (59.38)	39 (40.63)	96
27	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
28	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
29	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
30	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
월	2565 (89.06)	315 (10.94)	2565 (89.06)	315 (10.94)	2565 (89.06)	315 (10.94)	2880

표 5. 계속 (Continued) (1996년 7월)

높이 일	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
1	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
2	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
3	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
4	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
5	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
6	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
7	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
8	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
9	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
10	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
11	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
12	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
13	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
14	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
15	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
16	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
17	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
18	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
19	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
20	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
21	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
22	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
23	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
24	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
25	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
26	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
27	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
28	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
29	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
30	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
31	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
월	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976

표 5. 계속 (Continued) (1996년 8월)

높이 일	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
1	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
2	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
3	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
4	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
5	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
6	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
7	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
8	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
9	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
10	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
11	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
12	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
13	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
14	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
15	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
16	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
17	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
18	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
19	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
20	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
21	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
22	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
23	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
24	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
25	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
26	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
27	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
28	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
29	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
30	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	30 (31.25)	66 (68.75)	96
31	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
월	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2718 (91.33)	258 (8.67)	2976

표 5. 계속 (Continued) (1996년 9월)

높이 일	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
1	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
2	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
3	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
4	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
5	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
6	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
7	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
8	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
9	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
10	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
11	0 (0.00)	96 (100.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
12	0 (0.00)	96 (100.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
13	21 (21.88)	75 (78.13)	96 (100.00)	0 (0.00)	0 (0.00)	56 (58.33)	40 (41.67)
14	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
15	12 (12.50)	84 (87.50)	12 (12.50)	84 (87.50)	12 (12.50)	84 (87.50)	96
16	1 (1.04)	95 (98.96)	1 (1.04)	95 (98.96)	95 (98.96)	1 (1.04)	95 (98.96)
17	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	96
18	27 (28.13)	69 (71.88)	23 (23.96)	73 (76.04)	27 (28.13)	69 (71.88)	96
19	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
20	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
21	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
22	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
23	35 (36.46)	61 (63.54)	35 (36.46)	61 (63.54)	61 (63.54)	61 (63.54)	96
24	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
25	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
26	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
27	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
28	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
29	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
30	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	0 (0.00)	96 (100.00)	96
월	2208 (76.67)	672 (23.33)	2471 (85.80)	409 (14.20)	1379 (47.88)	1501 (52.12)	2880

표 5. 계속 (Continued) (1996년 10월)

높이 일	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
1	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
2	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
3	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
4	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
5	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
6	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
7	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
8	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
9	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
10	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
11	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
12	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
13	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
14	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
15	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
16	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
17	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
18	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
19	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
20	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
21	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
22	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
23	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
24	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
25	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
26	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
27	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
28	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
29	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
30	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
31	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
월	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976

표 5. 계속 (Continued) (1996년 11월)

높이 일	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
1	82 (85.42)	14 (14.58)	82 (85.42)	14 (14.58)	82 (85.42)	14 (14.58)	96
2	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
3	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
4	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
5	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
6	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
7	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
8	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
9	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
10	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
11	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
12	5 (5.21)	91 (94.79)	5 (5.21)	91 (94.79)	5 (5.21)	91 (94.79)	96
13	49 (51.04)	47 (48.96)	49 (51.04)	47 (48.96)	49 (51.04)	47 (48.96)	96
14	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
15	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
16	93 (96.88)	3 (3.13)	93 (96.88)	3 (3.13)	93 (96.88)	3 (3.13)	96
17	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
18	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
19	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
20	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
21	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
22	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
23	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
24	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
25	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
26	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
27	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
28	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
29	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
30	12 (12.50)	84 (87.50)	12 (12.50)	84 (87.50)	12 (12.50)	84 (87.50)	96
월	2641 (91.70)	239 (8.30)	2641 (91.70)	239 (8.30)	2641 (91.70)	239 (8.30)	2880

표 5. 계속 (Continued) (1996년 12월)

높이 일	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
1	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	96
2	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	96
3	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	96
4	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	96
5	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	96
6	37 (38.54)	59 (61.46)	37 (38.54)	59 (61.46)	37 (38.54)	59 (61.46)	96
7	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
8	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
9	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
10	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
11	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
12	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
13	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
14	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
15	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
16	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
17	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
18	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
19	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
20	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
21	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
22	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
23	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
24	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
25	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
26	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
27	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
28	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
29	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
30	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
31	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96 (100.00)	0 (0.00)	96
월	2437 (81.89)	539 (18.11)	2437 (81.89)	539 (18.11)	2437 (81.89)	539 (18.11)	2976

표 6. 연간 기상관측 및 결측횟수 (Annual Data Recoveries) (95년 1월 - 95년 12월)

높이 월	67 m		27 m		10 m		합계
	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	관측횟수(%)	결측횟수(%)	
96_1	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976
96_2	2784 (100.00)	0 (0.00)	2784 (100.00)	0 (0.00)	2784 (100.00)	0 (0.00)	2784
봄	8199 (92.83)	633 (7.17)	8199 (92.83)	633 (7.17)	8199 (92.83)	633 (7.17)	8832
96_3	2479 (83.30)	497 (16.70)	2479 (83.30)	497 (16.70)	2479 (83.30)	497 (16.70)	2976
96_4	2744 (95.28)	136 (4.72)	2744 (95.28)	136 (4.72)	2744 (95.28)	136 (4.72)	2880
96_5	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976
여름	8517 (96.43)	315 (3.57)	8517 (96.43)	315 (3.57)	8259 (93.51)	573 (6.49)	8832
96_6	2565 (89.06)	315 (10.94)	2565 (89.06)	315 (10.94)	2565 (89.06)	315 (10.94)	2880
96_7	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976
96_8	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2718 (91.33)	258 (8.67)	2976
가을	7825 (89.57)	911 (10.43)	8088 (92.58)	648 (7.42)	6996 (80.08)	1740 (19.92)	8736
96_9	2208 (76.67)	672 (23.33)	2471 (85.80)	409 (14.20)	1379 (47.88)	1501 (52.12)	2880
96_10	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976 (100.00)	0 (0.00)	2976
96_11	2641 (91.70)	239 (8.30)	2641 (91.70)	239 (8.30)	2641 (91.70)	239 (8.30)	2880
겨울	8197 (93.83)	539 (6.17)	8197 (93.83)	539 (6.17)	8197 (93.83)	539 (6.17)	8736
96_12	2437 (81.89)	539 (18.11)	2437 (81.89)	539 (18.11)	2437 (81.89)	539 (18.11)	2976
년	32738 (93.18)	2398 (6.82)	33001 (93.92)	2135 (6.08)	31651 (90.08)	3485 (9.92)	35136

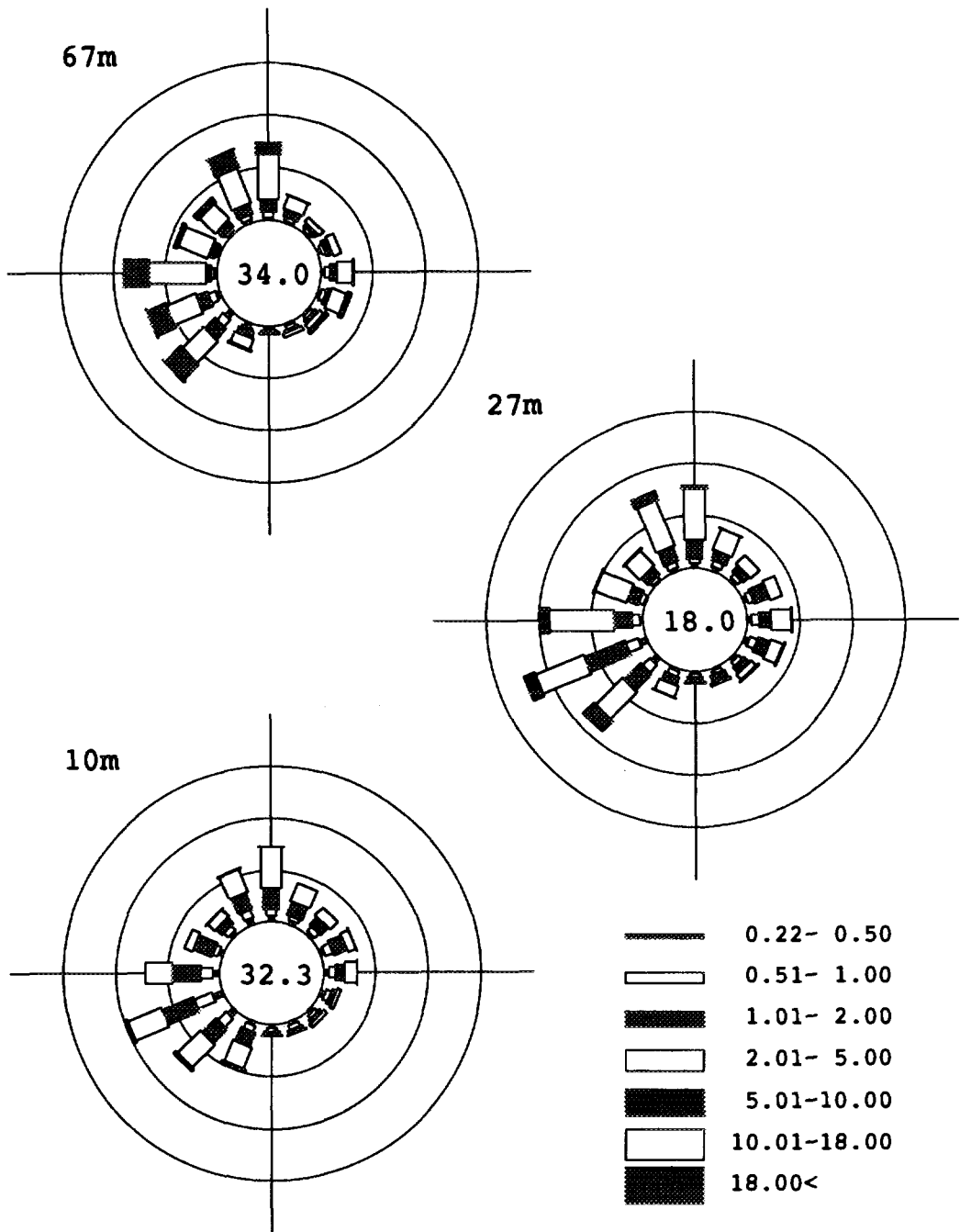


그림 3. 季節別 바람장미(Seasonal wind rose): 봄(3, 4, 5 월)

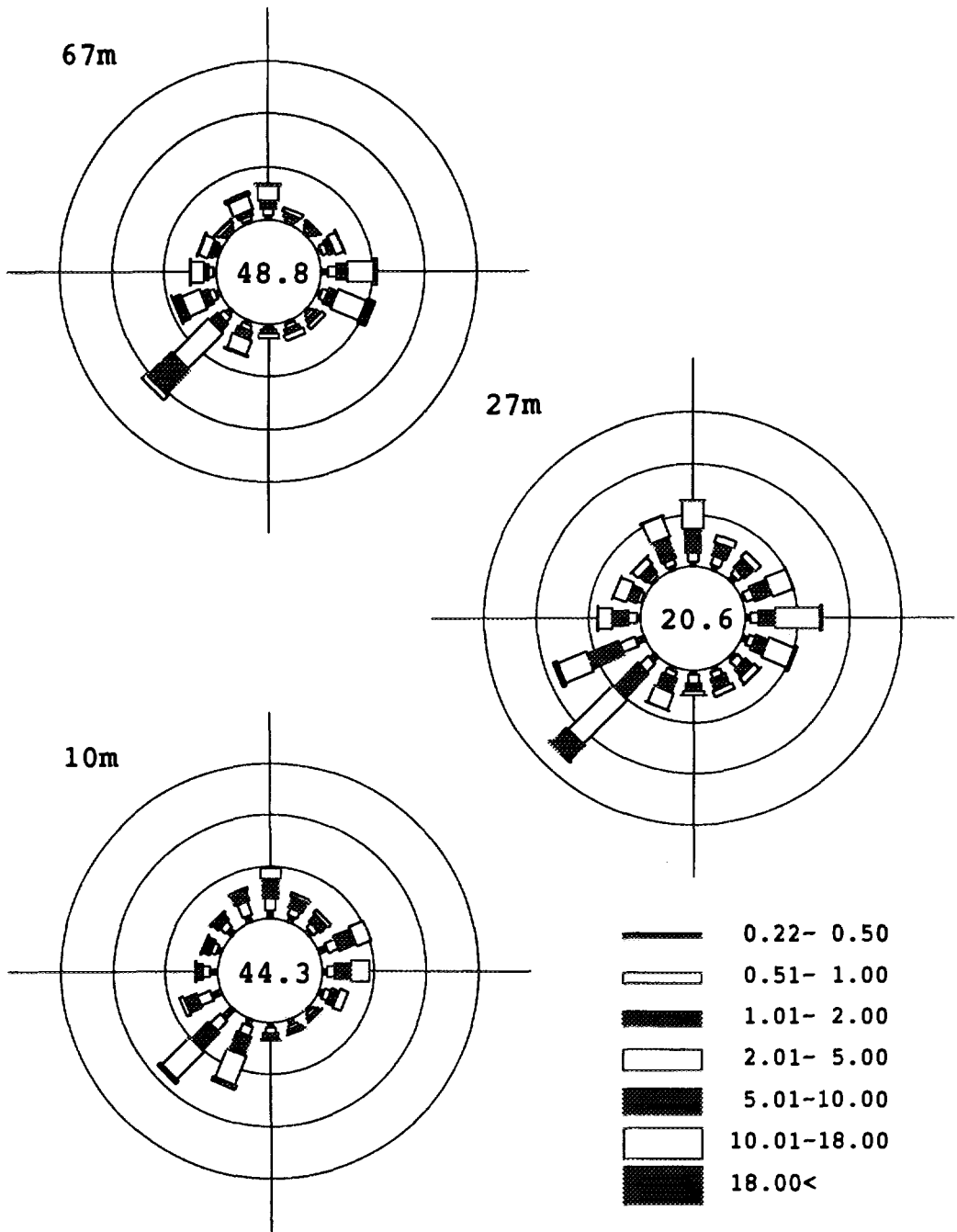


그림 3. 계속(Continued): 여름(6, 7, 8 월)

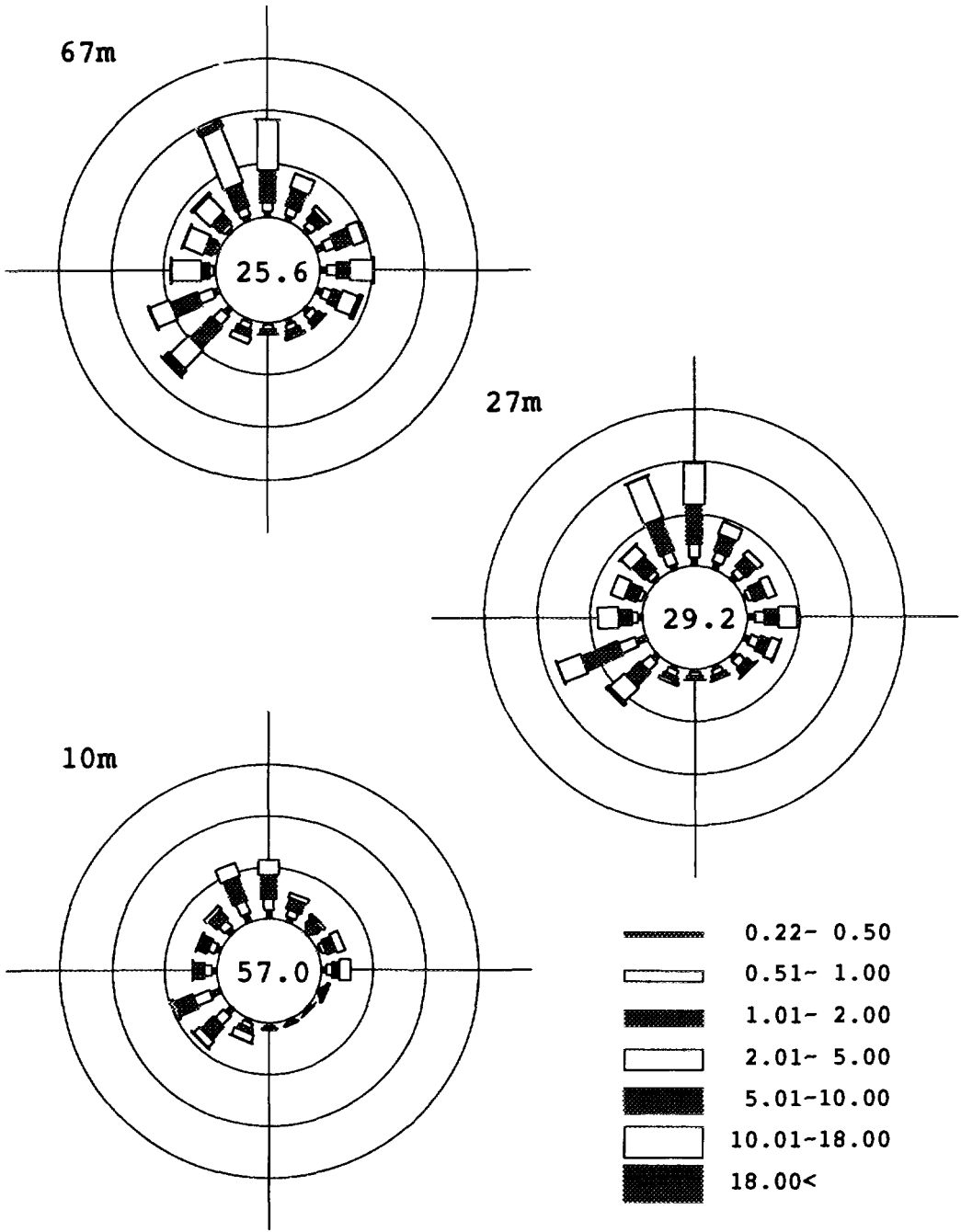


그림 3. 계속(Continued): 가을(9, 10, 11 월)

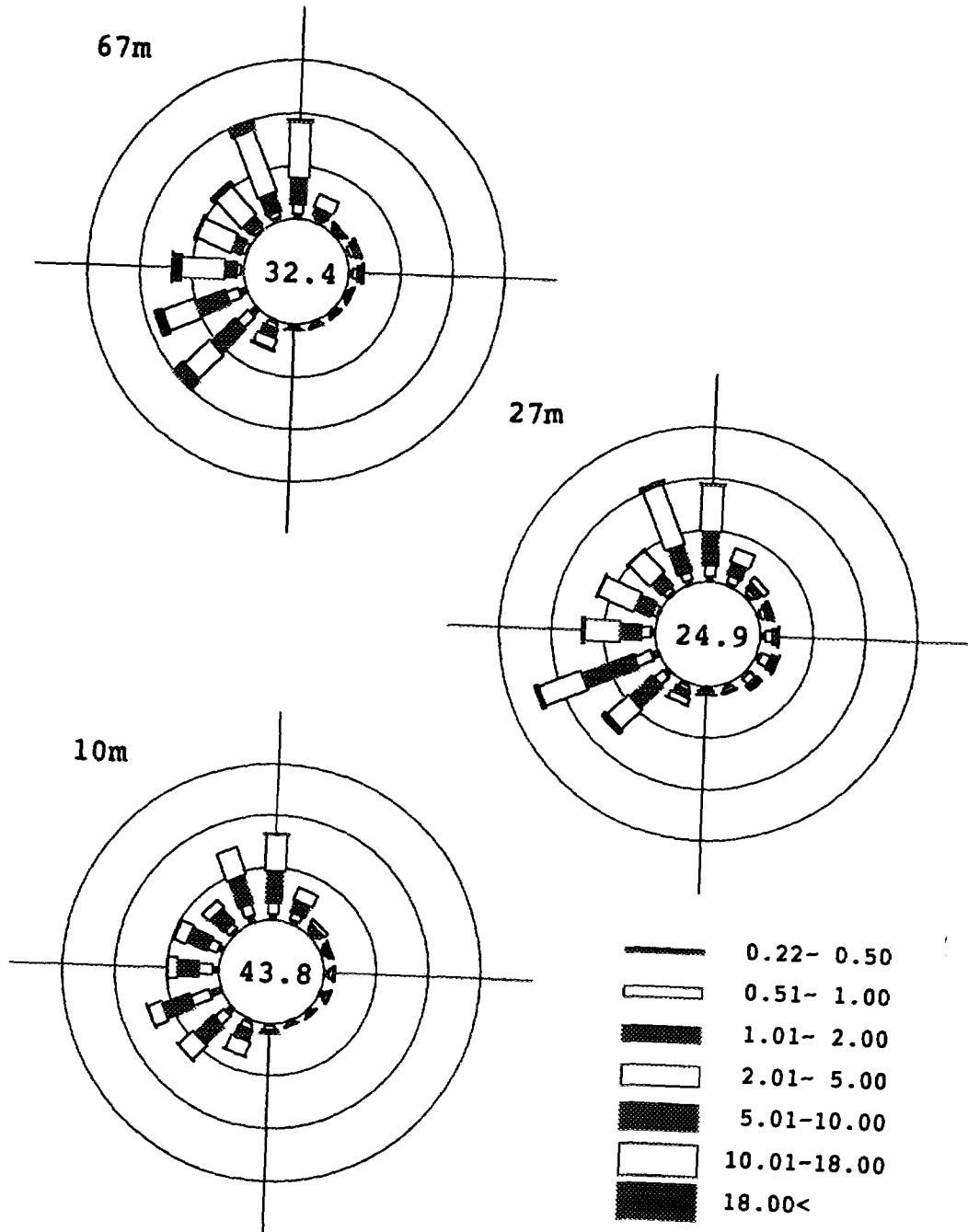


그림 3. 계속(Continued): 겨울(1, 2, 12 월)

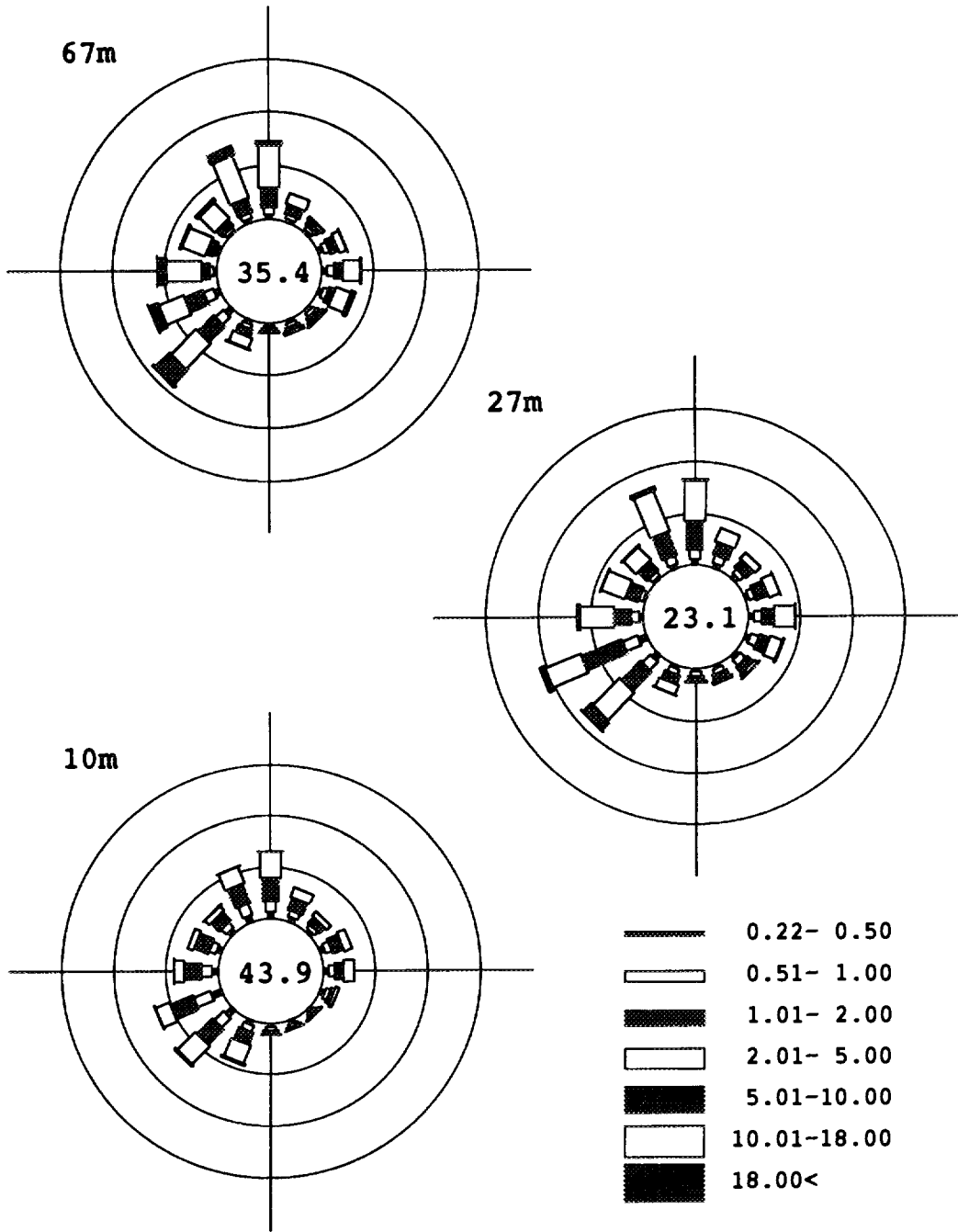


그림 4. 年間 바람장미(Annual wind rose)

하나 가을과 겨울에는 북풍계열이 우세해져서 겨울의 경우 북북서풍이 탁월풍으로 나타났다. 정온상태(calm)는 여름에 많이 발생하여 67 m에서 48.8 %를 기록하였으며, 연간 정온상태는 67m의 경우 35.4%, 27m에서 23.1%, 10m에서 43.9%였다.

각 기상관측요소들의 평균, 최대, 최소값등을 분석한 자료를 표 7과 표 8에 실었다. 표 7은 매일의 최대풍향, 평균풍속, 최대풍속과 그때의 풍향, 발생시간을 높이별로 정리한 것과 기온과 상대습도의 평균, 최대, 최소값, 평균일사량 및 최대일사율, 15분 및 1시간 최대강우량 등을 실고 있다. 표 8은 각 기상요소에 대한 연간 통계값이다.

관측된 자료의 단위는 다음과 같다.

- 바람
 - 최대방향 : 16방위 (%)
 - 평균풍속 : m/sec
 - 최대풍속 : m/sec
 - 최대풍속인 경우의 풍향 : 16방위 (나타난 시간)
- 기온
 - 평균, 최고, 최저 : °C (나타난 시간)
- 습도
 - 평균, 최고, 최저 : % (나타난 시간)
- 일사
 - 일사량 : MJ/m²
 - 최대 일사율 : W/m² (나타난 시간)
- 강우
 - 일 합계, 15분 최다, 1 시간 최다 : mm (나타난 시간)

관측된 자료는 온라인으로 연결되어 원자력시설의 방사성물질 누출시 실시간 확산 및 피폭예측에 이용되기도 하지만, 1년간 대기안정도 및 풍향, 풍속구간별 빈도를 통계처리하여 방사성물질의 장기간 확산 및 피폭선량의 추정에 이용된다. 본 연구에서는 3군데 관측위치로부터 관측된 기상 자료를 통계처리하여 대기안정도와 풍향, 풍속별 발생빈도를 계산하였으며 이를 표 9에 제시하였다. 이 자료는 장기간 확산 및 피폭선량의 추정 프로그램에 필요한 입력자료로 이용할 수 있다.

대기안정도를 구하는 방법은 앞에서 언급한 바와 같이 여러가지가 있으며 원자력발전소에서는 주로 풍향의 표준편차를 이용하여 대기안정도를 구하는 방법을 쓰고 있으나 연구소 부지에서는 타당한 방법이 아니라고 판단된다. 풍향의 표준편차를 이용할 경우에는 풍속이 1.5 m/sec 이상이 되어야 하나⁶⁾ 대덕 지역은 정온상태인 경우가 많아 이 조건을 만족시키는 경우가 많지 않기 때문이다.

표 7. 기상요소의 월간통계값(Monthly statistics of meteorological parameters): 바람 (1996년 1월)

높이	67 m			27 m			10 m					
	풍속 (m/sec)			풍속 (m/sec)			풍속 (m/sec)					
	최대	최대: 풍향(시:분)	평균	최대	최대: 풍향(시:분)	평균	최대	최대: 풍향(시:분)	평균			
1	H (17.71)	H (15:30)	0.62	H (15.63)	H (15:30)	0.85	3.59	NNE (15:30)	0.52	NNE (15:30)	2.89	NNE (15:30)
2	SW (15.63)	SW (17:45)	1.49	SW (17.71)	SW (17:45)	1.33	5.22	SW (17:45)	0.85	SW (17:45)	3.95	SSW (23:00)
3	NNW (26.04)	H (13:45)	4.33	NNW (31.25)	NNW (31:25)	3.41	6.66	NNW (31:25)	2.31	NNW (32:29)	4.75	NSW (13:45)
4	SW (7.29)	H (0:15)	0.31	H (10.42)	H (0:15)	0.75	2.12	SW (9:00)	0.52	SW (7:29)	1.86	NE (13:30)
5	SW (15.63)	NSW (8:30)	0.76	NSW (32.29)	NSW (8:30)	1.09	3.83	NSW (8:30)	0.75	SW (33:33)	3.40	SW (6:30)
6	H (14.58)	H (16:30)	0.37	H (28.13)	H (16:30)	0.77	3.33	H (16:30)	0.49	NNE (13:54)	2.86	H (16:30)
7	H (12.50)	NNW (23:30)	0.72	NNW (13.54)	NNW (23:30)	0.72	4.66	NNW (23:30)	0.48	NSW (18.75)	3.07	NNW (23:30)
8	H (7.29)	H (2:45)	0.51	H (33.33)	H (2:45)	2.53	7.09	NNW (14:15)	0.28	W (5.21)	2.76	H (2:45)
9	H (0.00)	W (13:00)	0.00	NSW (33.33)	W (13:00)	1.29	3.53	NSW (13:15)	0.05	H (1.04)	1.73	SW (13:15)
10	NNW (10.42)	H (18:30)	0.90	NNW (15.63)	H (18:30)	1.19	3.48	NSW (18:45)	0.62	W (12.50)	2.51	H (18:30)
11	NNE (15.63)	NNE (14:45)	0.48	NE (10.42)	NE (14:45)	0.71	3.08	NE (14:45)	0.34	NNE (7.29)	2.75	NNE (15:00)
12	E (20.83)	E (17:45)	0.77	E (14.58)	E (17:00)	0.62	2.72	E (17:00)	0.45	H (10.42)	2.48	NE (16:30)
13	H (16.67)	W (9:45)	1.22	E (20.83)	E (17:45)	0.83	2.65	E (17:45)	0.50	E (11.46)	1.92	E (17:45)
14	H (27.08)	H (3:45)	1.27	H (21.88)	H (3:45)	1.45	5.54	NNW (9:45)	0.85	H (17.71)	4.40	NNW (9:45)
15	H (23.96)	H (0:30)	1.65	H (17.71)	H (0:30)	1.60	4.10	H (3:45)	1.22	H (14.58)	3.74	H (3:45)
16	H (37.50)	NNW (21:15)	1.60	H (20.83)	H (21:15)	1.68	4.10	W (0:30)	1.60	NNW (18.75)	3.35	H (10:45)
17	H (13.54)	NNW (19:45)	1.84	NNW (34.38)	NNW (19:45)	1.98	3.95	NNW (20:00)	1.58	NNW (25.00)	3.30	NE (14:15)
18	H (15.63)	NNE (13:30)	0.79	H (17.71)	NNW (34.38)	1.68	3.76	NNW (19:45)	1.68	NNW (26.04)	3.22	NE (14:00)
19	H (31.25)	NSW (14:45)	1.10	NSW (20.83)	NNE (13:30)	1.21	3.81	NNE (13:30)	0.80	H (16.67)	3.75	NNE (14:30)
20	H (18.75)	H (19:15)	1.12	H (16.67)	NSW (14:45)	1.13	3.85	NSW (14:45)	1.23	NSW (18.75)	2.40	SSW (12:30)
21	H (29.17)	NNW (14:45)	1.18	H (22.92)	H (19:15)	1.23	3.47	NNE (14:00)	0.57	H (14.58)	3.24	NNE (14:00)
22	H (35.42)	NNE (15:15)	2.24	NNW (27.08)	NNW (14:45)	1.26	3.28	NNW (13:00)	0.82	H (13.54)	3.04	H (13:00)
23	H (29.17)	NNW (15:45)	2.48	H (30.21)	NNW (15:15)	1.60	3.74	NNW (15:30)	1.19	NNW (18.75)	3.87	NNW (15:30)
24	H (39.58)	NNW (14:45)	1.76	NNW (31.25)	NNE (14:45)	1.60	5.04	NNE (14:45)	1.60	NNW (23.96)	3.42	NNE (14:45)
25	H (15.63)	NNW (19:30)	1.28	NNW (16.67)	NNW (15:45)	2.25	6.18	NNW (15:45)	1.34	NNW (35.42)	4.72	NNW (15:00)
26	H (39.58)	H (0:45)	3.02	H (31.25)	H (0:45)	2.56	3.72	H (13:45)	0.79	H (12.50)	3.43	NE (13:45)
27	SW (28.13)	NSW (13:45)	1.76	NSW (44.79)	NSW (13:45)	1.76	5.13	NSW (10:15)	1.72	NSW (54.17)	3.91	NSW (10:15)
28	NSW (33.33)	H (16:30)	3.05	NSW (31.25)	NSW (13:45)	2.44	5.93	NSW (13:45)	2.44	NSW (23.96)	4.32	NSW (13:45)
29	NNW (36.46)	H (2:30)	3.03	NNW (35.42)	NSW (15:30)	2.40	5.54	NSW (15:30)	1.63	NNW (20.83)	4.04	NSW (15:30)
30	SW (19.79)	SW (15:00)	2.54	NNW (16.67)	SW (14:45)	2.18	5.97	SW (14:45)	1.53	SSW (12.50)	4.79	SSW (15:00)
31	H (10.08)	H (1:3)	1.38	NNW (11.16)	H (1:8)	1.48	7.09	NNW (1:8)	0.88	H (8.84)	4.79	SSW (1:31)

표 7. 계속 (Continued): 바람의 월간 통계값 (1996년 2월)

높이 일	67 m			27 m			10 m			
	풍속 (m/sec)			풍속 (m/sec)			풍속 (m/sec)			
	최대풍향(%)	평균	최대: 풍향(시:분)	최대풍향(%)	평균	최대: 풍향(시:분)	최대풍향(%)	평균	최대: 풍향(시:분)	
1	NNW (29.17)	2.14	6.97	W (13:30)	1.91	6.51	N (13:15)	0.71	4.47	NSW (13:15)
2	NNW (23.96)	1.81	4.05	W (16:30)	1.61	3.80	W (16:30)	0.87	3.14	NE (11:45)
3	N (19.79)	1.66	4.71	W (15:30)	1.48	4.12	W (14:15)	0.87	2.94	N (14:15)
4	SW (48.96)	2.61	6.70	SW (15:30)	2.28	5.90	SW (13:30)	1.52	4.64	SW (13:30)
5	NW (33.33)	2.07	6.58	NNW (13:45)	2.88	5.34	NW (13:45)	1.23	3.79	NW (14:15)
6	N (15.63)	1.40	3.80	N (16:45)	1.41	3.82	N (16:45)	0.94	3.37	NNE (16:00)
7	NNW (15.63)	0.78	3.93	NNW (21:45)	1.04	3.14	NNW (21:45)	0.59	2.01	N (17:45)
8	NNW (26.04)	1.76	5.94	W (14:15)	1.69	5.02	W (14:15)	0.99	3.59	NSW (14:00)
9	N (27.08)	2.20	5.28	NW (16:00)	2.10	4.30	NW (16:00)	1.42	3.13	NNW (13:15)
10	NNW (25.00)	1.95	4.42	NW (11:15)	1.75	4.04	NNW (12:00)	1.08	3.26	NNW (12:00)
11	SW (23.96)	1.57	5.86	SW (15:30)	1.54	4.97	SW (15:30)	1.02	4.05	SSW (15:30)
12	SW (31.25)	2.13	7.91	NSW (10:30)	1.82	6.31	NSW (10:30)	1.05	4.57	SW (10:30)
13	SW (40.63)	2.50	7.35	SW (13:00)	2.10	6.53	SW (13:00)	0.94	4.54	SSW (16:00)
14	N (30.21)	2.41	9.02	NNW (19:45)	2.07	7.76	N (19:45)	1.51	5.95	SSW (19:45)
15	N (33.33)	3.09	7.75	N (0:30)	2.68	6.87	N (1:00)	1.91	5.82	N (1:00)
16	NNW (41.67)	2.42	5.17	NNW (19:30)	2.16	4.42	NNW (20:45)	1.57	3.46	N (20:45)
17	NNW (44.79)	2.63	5.58	N (19:30)	2.35	5.07	N (19:30)	1.77	4.16	N (19:30)
18	NW (17.71)	1.38	6.01	NNW (20:30)	1.35	4.01	NNW (20:30)	1.00	3.50	NNE (13:45)
19	N (23.96)	1.34	4.47	NNW (13:30)	1.37	3.99	NNW (13:30)	0.95	3.15	NNE (16:45)
20	NNW (26.04)	2.22	6.43	NNW (16:45)	1.89	4.98	NNW (16:45)	1.32	4.56	N (13:00)
21	N (20.83)	2.20	4.76	N (18:15)	2.04	4.18	N (18:15)	1.42	3.74	N (13:45)
22	N (29.17)	2.34	6.18	W (13:00)	2.16	5.69	NSW (23:00)	1.15	3.95	NSW (13:00)
23	NNW (14.58)	1.54	5.83	NW (15:45)	1.42	5.43	NNW (16:67)	0.90	4.05	NNW (15:45)
24	NNW (9.38)	0.49	3.20	NNW (20:30)	0.92	2.45	NNW (21:30)	0.50	1.60	NSW (14:00)
25	NW (13.54)	1.06	4.94	NNW (22:00)	1.21	3.84	NNW (10:42)	0.57	2.86	N (15:15)
26	SW (25.00)	2.45	6.30	SW (28:13)	2.31	5.00	NSW (22:92)	1.50	3.55	NSW (14:45)
27	N (39.58)	3.02	6.14	N (31:25)	2.56	5.12	N (10:15)	1.72	3.91	NSW (10:15)
28	NSW (11.46)	1.06	5.19	NNW (21:00)	1.11	4.01	NNW (20:15)	0.73	2.71	NNW (20:15)
29	NSW (14.58)	0.91	4.13	N (16:30)	1.10	3.69	N (16:30)	0.61	2.50	NSW (16:30)
일	NNW (13.04)	1.90	9.02	NNW (2/14)	1.80	7.76	N (2/14)	1.12	5.95	N (2/14)

표 7. 계속 (Continued): 바람의 월간 통계값 (1996년 3월)

높이	67 m			27 m			10 m		
	풍속 (m/sec)			풍속 (m/sec)			풍속 (m/sec)		
	최대: 풍향(시:분)	평균	최다풍향(%)	최대: 풍향(시:분)	평균	최다풍향(%)	최대: 풍향(시:분)	평균	최다풍향(시:분)
1	NW (26.04)	3.86	NW (27.08)	NW (13:45)	3.20	NW (13:45)	NW (21:88)	2.20	NW (10:15)
2	W (43.75)	3.00	W (38.54)	NW (16:15)	2.58	NW (16:15)	NW (36.46)	1.68	NW (13:15)
3	NW (22.92)	2.33	NW (33.33)	NW (15:45)	2.33	NW (15:45)	NW (18.75)	1.12	NW (15:45)
4	NW (21.88)	3.08	NW (20.83)	NW (14:30)	2.47	NW (14:30)	NW (20.83)	1.65	NW (15:15)
5	E (6.25)	0.67	E (11.46)	NW (19:15)	0.97	NW (19:15)	E (8.33)	0.71	NW (19:15)
6	ENE (11.46)	0.59	ENE (12.50)	ENE (19:45)	0.89	ENE (15:15)	W (9.38)	0.52	ENE (15:30)
7	E (17.71)	2.13	ENE (18.75)	NW (23:00)	1.71	W (22:00)	SW (11.46)	1.06	W (22:00)
8	W (39.58)	4.07	W (36.46)	NW (12:30)	3.33	NW (12:30)	NW (25.00)	1.78	NW (12:30)
9	W (45.83)	2.62	W (44.79)	W (16:30)	2.41	W (15:45)	W (28.13)	1.37	NW (15:45)
10	W (100.00)	2.82	W (83.33)	W (0:15)	2.44	W (0:15)	W (33.33)	0.38	W (0:15)
11	- (0.00)	9999.99	- (0.00)	- (0:15)	9999.99	- (0:15)	- (0.00)	9999.99	- (0:15)
12	- (0.00)	9999.99	- (0.00)	- (0:15)	9999.99	- (0:15)	- (0.00)	9999.99	- (0:15)
13	- (0.00)	9999.99	- (0.00)	- (0:15)	9999.99	- (0:15)	- (0.00)	9999.99	- (0:15)
14	SW (18.18)	1.20	SW (21.82)	SW (21:30)	1.56	SW (18:45)	SSW (14.55)	1.03	SSW (18:45)
15	NE (10.42)	1.59	SW (14.58)	E (3:15)	1.62	E (3:15)	NE (15.63)	1.18	E (3:15)
16	ENE (21.88)	1.85	E (19.79)	E (17:30)	1.75	E (17:30)	ENE (18.75)	1.31	ENE (14:15)
17	W (45.83)	3.19	W (38.54)	W (17:45)	2.68	W (17:45)	W (33.33)	1.71	NW (16:30)
18	NW (21.88)	2.99	NW (27.08)	NW (16:30)	2.56	NW (16:30)	NW (17.71)	1.65	NW (16:30)
19	N (29.17)	2.69	NW (27.08)	NW (19:00)	2.74	N (18:15)	W (26.04)	1.52	N (18:15)
20	N (17.71)	0.85	N (12.50)	N (22:15)	1.01	N (22:15)	N (17.71)	0.52	N (19:00)
21	N (17.71)	2.10	N (25.00)	N (24:00)	1.82	N (14:45)	N (21.88)	1.41	N (14:45)
22	N (50.00)	3.07	N (46.88)	N (1:15)	2.76	NW (21:00)	N (59.38)	2.16	N (21:00)
23	ESE (45.83)	3.10	ESE (30.21)	ESE (12:45)	2.69	ESE (12:30)	E (37.50)	1.75	E (12:15)
24	N (27.08)	1.44	N (26.04)	N (20:30)	1.66	N (19:15)	N (20.83)	0.80	N (20:30)
25	N (29.17)	2.09	N (32.29)	N (21:15)	2.01	N (4:30)	N (28.13)	1.32	N (4:30)
26	N (10.42)	0.84	N (11.46)	NW (23:30)	1.06	NW (23:30)	ENE (10.42)	0.52	NW (23:30)
27	E (12.50)	1.77	E (18.75)	N (19:15)	1.70	N (19:15)	N (21.88)	1.28	N (19:15)
28	E (23.30)	0.45	ENE (22.92)	ENE (16:45)	0.73	ENE (16:45)	ENE (12.50)	0.39	ENE (16:45)
29	E (47.92)	2.63	E (46.88)	E (15:30)	2.22	E (15:30)	E (31.25)	1.40	E (15:30)
30	NW (27.08)	5.15	NW (30.21)	SW (11:15)	3.96	SW (11:15)	SW (28.13)	2.52	SW (11:15)
31	W (58.33)	2.42	W (58.33)	W (2:15)	2.00	W (2:15)	W (0.00)	0.02	W (0:45)
월	W (11.46)	2.30	W (10.85)	SW (3:30)	2.07	SW (3:30)	N (9.96)	1.32	SW (3:30)

표 7. 계속 (Continued): 바람의 월간 통계값 (1996년 4월)

높이 일	67 m			27 m			10 m		
	풍속 (m/sec)			풍속 (m/sec)			풍속 (m/sec)		
	최대	평균	최다풍향(%)	최대	평균	최다풍향(%)	최대	평균	최대
1	9999.99	9999.99	(0.00)	9999.99	9999.99	(0.00)	9999.99	9999.99	9999.99
2	8.71	5.05	NNW (13:15)	7.22	4.15	NNW (13:15)	3.00	3.00	NNW (13:15)
3	8.46	4.47	W (17:15)	6.98	3.57	W (17:15)	5.52	2.42	WSW (17:00)
4	7.92	3.09	W (18:00)	6.69	2.62	W (18:00)	4.77	1.77	WSW (18:00)
5	6.52	1.35	SW (18:30)	4.93	1.51	SW (18:30)	4.45	0.96	SW (14:45)
6	4.95	0.61	SW (13:00)	3.81	0.92	SW (13:00)	3.61	0.53	S (12:30)
7	5.74	2.39	WSW (15:45)	4.97	2.23	WSW (14:45)	2.89	1.20	SW (14:15)
8	5.89	2.70	NNW (17:00)	5.11	2.52	NNW (15:45)	3.71	1.69	N (16:00)
9	5.31	2.22	W (17:00)	4.94	2.12	NNE (13:45)	4.44	1.27	NNE (13:45)
10	7.46	3.28	NNW (14:15)	4.94	2.72	NNW (14:15)	4.47	1.44	NNW (15:15)
11	10.50	4.26	NNW (15:45)	8.18	3.45	NNW (15:45)	6.06	2.49	NNW (15:45)
12	6.38	1.93	W (19:45)	5.01	1.78	N (16:67)	4.28	1.19	NE (13:30)
13	5.77	1.55	NNW (19:45)	4.95	1.66	N (21:88)	4.05	1.27	N (18:15)
14	7.20	1.72	N (17:30)	6.43	1.78	N (28:13)	5.10	1.28	N (17:30)
15	5.49	1.04	NNW (18:15)	4.67	1.42	N (15:63)	3.62	1.03	N (18:00)
16	7.18	2.20	WSW (16:15)	6.05	2.35	SW (26:04)	4.34	1.74	SSW (16:15)
17	9.11	2.97	W (19:00)	7.11	2.48	W (30:21)	5.14	1.66	SSW (15:00)
18	9.29	3.55	WSW (14:15)	7.96	3.01	W (19:00)	5.74	1.93	WSW (14:15)
19	5.06	1.13	NNW (18:45)	3.68	1.42	NNW (18:15)	2.95	0.94	NE (12:30)
20	4.65	1.69	NNW (6:45)	3.81	1.84	NNE (12:00)	3.57	1.21	NNE (12:15)
21	7.57	1.95	SW (16:15)	6.46	1.94	WSW (16:30)	4.83	1.29	SW (16:30)
22	8.44	2.62	SW (14:00)	7.26	2.57	SW (23:96)	5.82	1.78	SSW (14:00)
23	4.72	1.37	SW (13:45)	4.28	1.73	SW (22:92)	3.54	1.08	SSW (13:45)
24	6.35	1.70	SW (17:00)	5.39	1.65	W (16:67)	4.16	1.11	WSW (14:00)
25	4.61	0.92	W (17:45)	3.88	1.03	W (11:46)	2.57	0.70	W (17:30)
26	6.18	1.48	SW (18:15)	4.86	1.53	WSW (20:83)	3.60	1.01	SSW (18:00)
27	4.47	0.69	W (19:15)	3.12	0.89	ESE (8:33)	2.48	0.64	W (19:15)
28	2.89	0.50	W (14:15)	2.84	0.99	N (13:54)	1.86	0.57	W (13:45)
29	9.03	3.10	SE (12:00)	7.65	2.60	SE (28:13)	4.58	1.59	SE (12:00)
30	5.31	2.10	SE (1:30)	4.67	1.92	ESE (22:92)	3.46	1.07	ENE (15:00)
월	10.50	2.15	NNW (4/11)	8.18	2.05	WSW (12:79)	6.06	1.35	NNW (4/11)

표 7. 계속 (Continued): 바람의 월간 통계값 (1996년 5월)

높이	67 m			27 m			10 m		
	풍속 (m/sec)			풍속 (m/sec)			풍속 (m/sec)		
	최대: 풍향(시:분)	평균	최다풍향(%)	최대: 풍향(시:분)	평균	최다풍향(%)	최대: 풍향(시:분)	평균	최다풍향(%)
1	SW (41:67)	2.05	SW (17:15)	SW (51:04)	1.89	SW (17:15)	SSW (33:33)	1.18	SSW (33:33)
2	W (38:54)	3.63	W (5:30)	SE (35:42)	3.11	W (4:15)	WSW (31:25)	1.97	WSW (31:25)
3	ESE (9:38)	5.82	E (15:15)	SE (13:54)	5.26	E (15:15)	ESE (11:46)	0.79	ESE (11:46)
4	ESE (19:79)	2.15	SSW (4:00)	ESE (22:92)	2.12	SSW (4:00)	ESE (21:88)	1.49	ESE (21:88)
5	WNW (20:83)	2.14	WNW (20:30)	W (15:63)	1.93	WNW (16:15)	W (14:58)	1.38	W (14:58)
6	WNW (15:63)	1.27	WNW (19:30)	W (17:71)	1.43	W (19:15)	WNW (14:58)	0.92	WNW (14:58)
7	SE (20:83)	1.48	SE (15:45)	SE (17:71)	1.68	SE (15:45)	SE (14:58)	0.95	SE (14:58)
8	W (22:92)	2.70	W (17:15)	WSW (25:00)	2.49	W (17:15)	WSW (25:00)	1.59	WSW (25:00)
9	SW (36:46)	4.33	SW (13:45)	WSW (44:79)	3.64	SW (13:45)	SW (31:25)	2.38	SW (31:25)
10	SW (52:08)	3.67	SW (20:45)	SW (51:04)	3.34	SW (17:45)	SSW (36:46)	2.34	SSW (36:46)
11	W (36:46)	3.47	W (15:30)	W (30:21)	3.07	W (15:30)	WSW (19:79)	1.84	WSW (19:79)
12	W (8:33)	1.03	WSW (19:00)	WSW (16:67)	1.32	W (16:15)	WSW (19:79)	0.78	WSW (19:79)
13	SW (21:88)	1.75	WSW (17:45)	SW (22:92)	1.90	SW (17:45)	SW (17:71)	1.03	SW (17:71)
14	SW (17:71)	2.19	SW (4:00)	W (15:63)	2.20	SW (4:00)	SSW (14:58)	1.28	SSW (14:58)
15	W (12:50)	1.14	W (19:00)	W (13:54)	1.49	W (19:00)	ESE (11:46)	0.71	ESE (11:46)
16	W (28:13)	1.97	WNW (21:45)	W (22:92)	1.86	W (18:15)	W (21:88)	1.12	W (21:88)
17	W (22:92)	1.13	W (21:30)	W (22:92)	1.33	W (21:30)	W (18:75)	0.76	W (18:75)
18	WNW (8:33)	0.64	WNW (19:15)	SW (11:46)	0.93	WNW (19:30)	SSW (9:38)	0.44	SSW (9:38)
19	WSW (13:54)	1.19	SW (13:45)	SW (20:83)	1.35	SW (13:45)	SW (19:79)	0.82	SW (19:79)
20	SW (30:21)	4.42	WSW (15:15)	WSW (36:46)	3.41	WSW (15:00)	SW (28:13)	2.25	SW (28:13)
21	W (28:13)	2.20	W (0:15)	W (28:13)	2.28	WSW (14:45)	WSW (19:79)	1.34	WSW (19:79)
22	W (13:54)	1.51	WNW (3:45)	ESE (17:71)	1.79	ESE (13:45)	ESE (17:71)	1.21	ESE (17:71)
23	W (9:38)	0.85	WNW (20:00)	WSW (16:67)	1.44	WSW (0:45)	W (11:46)	0.77	W (11:46)
24	WNW (14:58)	1.27	W (19:45)	WNW (13:54)	1.50	W (19:45)	W (14:58)	0.89	W (14:58)
25	WNW (15:63)	1.22	W (19:30)	W (15:63)	1.39	W (19:45)	W (14:58)	0.80	W (14:58)
26	SW (14:58)	1.03	SW (16:15)	SW (16:67)	1.23	SW (15:30)	SSW (18:75)	0.71	SSW (18:75)
27	WSW (6:25)	0.19	SW (18:30)	WSW (15:63)	0.79	SW (16:45)	SW (12:50)	0.38	SW (12:50)
28	E (8:33)	2.81	WSW (7:00)	ESE (17:71)	1.07	WSW (6:45)	ESE (10:42)	0.55	ESE (10:42)
29	E (25:00)	1.66	E (17:00)	E (27:08)	1.91	E (17:00)	E (20:83)	1.21	E (20:83)
30	SW (15:63)	1.00	WSW (18:30)	WSW (22:92)	1.33	WSW (18:30)	WSW (20:83)	0.67	WSW (20:83)
31	ESE (8:33)	0.34	ESE (14:00)	WSW (10:42)	0.83	ESE (14:00)	ESE (8:33)	0.39	ESE (8:33)
월	SW (10:79)	1.78	SW (5/9)	WSW (13:21)	1.85	SW (5/9)	WSW (9.31)	1.13	WSW (9.31)
		10.77			8.78			6.72	

표 7. 계속 (Continued): 바람의 월간 통계값 (1996년 6월)

높이	67 m			27 m			10 m		
	풍속 (m/sec)			풍속 (m/sec)			풍속 (m/sec)		
	최다풍향(%)	평균	최대: 풍향(시:분)	최다풍향(%)	평균	최대: 풍향(시:분)	최다풍향(%)	평균	최대: 풍향(시:분)
1	SW (8.33)	0.54	5.24	NNW (19:00)	1.19	4.03	NSW (14.58)	0.56	2.63
2	NNW (14.58)	1.12	4.36	SW (21:15)	1.44	3.58	SW (11.46)	0.74	2.72
3	SW (13.54)	1.23	5.22	W (16:15)	1.39	4.88	SSW (11.46)	0.49	3.41
4	NNW (25.00)	1.20	4.56	NNW (17:00)	1.48	3.30	NNW (16.67)	0.67	2.41
5	W (13.54)	1.17	4.16	SW (14:15)	1.46	3.84	SE (8.33)	0.69	2.87
6	NNW (10.42)	1.01	5.17	NNW (20:30)	1.33	3.83	NNW (10.42)	0.63	2.50
7	E (13.54)	0.77	3.71	ESE (17:00)	1.09	3.35	E (10.42)	0.55	2.31
8	SE (6.25)	0.33	2.61	SE (18:15)	0.90	2.80	W (7.29)	0.30	1.56
9	ESE (9.38)	0.96	5.49	SSW (18:15)	1.36	4.83	SSW (10.42)	0.82	4.03
10	ESE (7.29)	0.34	2.70	SSW (1:15)	0.86	2.72	ESE (5:00)	0.27	2.23
11	NSW (9.38)	0.53	3.28	NNW (17:30)	0.85	2.64	SW (9.38)	0.30	1.96
12	W (9.38)	0.56	3.64	W (3:15)	1.06	2.81	SW (12.50)	0.42	1.92
13	E (14.58)	0.68	3.18	SW (12:30)	1.48	3.17	SW (13.54)	0.71	2.23
14	ESE (2.92)	1.30	4.82	NSW (23.96)	1.77	4.11	SW (21.88)	0.80	3.21
15	NSW (5.21)	0.50	4.21	NSW (12.50)	0.97	3.19	NSW (6.25)	0.34	2.16
16	SW (11.46)	0.72	5.56	SW (14.58)	1.07	4.50	SW (8.33)	0.46	2.77
17	SSE (13.54)	2.03	12.51	SSW (14.58)	2.03	9.37	SW (12.50)	1.02	6.62
18	SW (28.13)	5.17	13.00	SW (20.83)	3.95	10.38	NSW (17.71)	2.01	8.17
19	SW (39.58)	2.02	5.94	SW (33.33)	1.76	4.99	SSW (31.25)	0.94	3.98
20	SW (15.63)	1.18	5.61	SSE (16.67)	1.39	4.25	SSW (17.71)	0.63	3.05
21	SW (45.83)	4.26	8.52	SW (18:15)	3.43	6.92	SSW (35.42)	1.99	5.07
22	SW (42.71)	2.05	5.37	SW (15:00)	2.11	4.55	SW (27.08)	1.04	3.47
23	W (0.00)	0.03	0.06	SW (0:15)	0.43	1.71	W (0:00)	0.05	0.05
24	- (0.00)	9999.99	9999.99	- (0:00)	9999.99	9999.99	- (0:00)	9999.99	9999.99
25	- (0.00)	9999.99	9999.99	- (0:00)	9999.99	9999.99	- (0:00)	9999.99	9999.99
26	NNW (5.26)	0.11	1.76	NNW (15:30)	0.87	2.52	W (7.02)	0.28	2.30
27	SE (8.33)	0.26	2.87	SE (15:00)	0.69	2.58	S (8.33)	0.24	1.75
28	SW (28.13)	1.08	4.47	SW (12:45)	1.23	3.49	SSW (30.21)	0.56	2.22
29	SW (38.54)	4.56	17.62	SW (17:45)	3.49	13.47	SW (30.21)	2.32	9.58
30	SW (71.88)	5.63	10.08	SW (22:30)	4.33	7.62	SW (53.13)	2.72	5.51
월	SW (15.87)	1.54	17.62	SW (6:29)	1.67	13.47	SW (11.42)	0.84	9.58
									SW (6:29)

표 7. 계속 (Continued): 바람의 월간 통계값 (1996년 7월)

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	SW (47.92)	3.97	8.10	SW (22:15)	SW (45.83)	3.40	6.59	SW (22:00)	SW (31.25)	2.16	5.02
2	SW (17.71)	1.74	5.73	NNW (17:45)	SW (26.04)	1.92	4.74	SW (11:00)	SW (17.71)	0.93	4.02
3	N (6.25)	0.16	1.78	NNW (15:15)	N (13.54)	0.82	2.52	NNW (15:15)	N (11.46)	0.31	1.74
4	E (22.92)	0.75	3.65	SSE (10:45)	N (34.36)	1.21	3.06	E (7:45)	E (22.92)	0.53	2.09
5	N (31.25)	1.23	5.52	N (6:00)	N (31.25)	1.55	4.96	N (8:30)	N (22.92)	0.93	3.77
6	E (14.58)	0.73	5.19	E (23:30)	E (14.58)	1.33	3.87	E (23:15)	E (13.54)	0.64	2.41
7	ESE (81.25)	5.10	6.69	ESE (1:30)	ESE (66.67)	4.42	5.98	ESE (23:15)	ESE (45.83)	2.75	4.16
8	E (27.08)	2.32	5.78	ESE (24:00)	E (27.08)	2.59	5.07	ESE (15:45)	E (28.13)	1.59	3.70
9	ESE (35.42)	2.56	7.01	ESE (10:30)	E (30.21)	2.58	6.21	ESE (24:00)	E (28.13)	1.51	3.99
10	ESE (56.21)	3.04	5.36	ESE (10:15)	E (46.88)	3.01	5.06	ESE (10:45)	E (41.67)	1.71	3.08
11	E (30.21)	1.44	5.11	ESE (15:30)	E (37.50)	1.86	4.70	ESE (15:30)	E (23.96)	1.02	2.83
12	SSE (21.88)	1.50	4.99	ESE (12:15)	E (23.96)	1.93	4.11	ESE (12:30)	E (22.92)	1.03	2.55
13	SW (10.42)	0.39	3.29	SW (22:30)	SW (19.79)	0.98	3.46	SW (22:00)	SW (10.42)	0.34	2.48
14	SW (6.25)	0.37	3.35	SW (14:00)	SW (18.75)	0.98	3.33	SW (14:00)	SW (8.33)	0.39	2.21
15	S (18.75)	1.11	4.61	SSE (17:15)	SSE (20.83)	1.15	3.57	SSE (17:15)	SSE (14.58)	0.59	2.60
16	SW (52.08)	4.65	13.24	SW (8:00)	SW (51.04)	3.87	10.21	SW (7:15)	SW (35.42)	2.54	7.48
17	SW (19.79)	1.31	5.40	SW (12:15)	SW (20.83)	1.43	4.20	SW (12:15)	SW (23.96)	0.64	2.87
18	NNW (11.46)	0.71	4.20	NNW (19:45)	NNW (17.71)	1.19	3.69	NNW (11:30)	NNW (11.46)	0.51	2.88
19	N (10.42)	0.35	3.42	N (21:00)	SW (12.50)	1.30	3.07	SW (3:15)	SW (7.29)	0.36	1.81
20	SW (22.92)	1.29	6.66	SW (10:30)	SW (34.36)	1.61	5.31	SW (10:15)	SW (22.92)	0.86	3.60
21	S (13.54)	1.09	6.34	SW (16:15)	SSE (10.42)	1.71	7.01	SW (17:00)	SW (8.33)	0.63	4.01
22	SW (60.42)	3.69	6.99	WSW (7:00)	SW (57.29)	3.32	6.28	SW (5:30)	SW (38.54)	1.63	3.90
23	N (16.67)	0.53	3.10	N (21:15)	WSW (15.63)	0.58	2.39	WSW (21:15)	WSW (8.33)	0.13	1.11
24	SW (52.08)	3.98	8.70	SW (16:30)	SW (46.88)	2.98	7.04	SW (16:30)	SW (43.75)	1.75	5.37
25	SW (46.88)	3.26	6.99	SW (13:15)	SW (52.08)	2.79	6.05	SW (13:15)	SW (37.50)	1.66	4.77
26	SW (35.42)	2.63	6.78	N (16:45)	SW (44.79)	2.31	5.51	SW (10:15)	SW (23.96)	1.23	4.22
27	SW (18.75)	1.23	4.83	N (16:45)	WSW (22.92)	1.36	3.92	WSW (13:30)	SW (23.96)	0.67	2.64
28	WSW (14.58)	0.74	4.24	SW (16:00)	WSW (14.58)	0.69	3.67	SW (16:00)	SW (8.33)	0.27	2.15
29	SW (21.88)	1.36	4.56	SW (12:00)	SW (26.04)	1.59	3.86	SW (12:00)	SW (27.08)	0.75	2.76
30	N (11.46)	0.63	4.56	SW (13:30)	WSW (17.71)	1.30	4.35	SW (13:30)	N (11.46)	0.49	3.42
31	N (14.58)	1.10	6.35	N (22:15)	NNW (22.92)	1.44	5.03	N (22:30)	NNW (17.71)	0.65	3.33
월	SW (14.72)	1.77	13.24	SW (7/16)	SW (17.31)	1.91	10.21	SW (7/16)	SW (12.16)	1.01	7.48

표 7. 계속 (Continued): 바람의 일간 통계값 (1996년 8월)

높이	67 m			27 m			10 m		
	풍속 (m/sec)			풍속 (m/sec)			풍속 (m/sec)		
	최대	평균	최대: 풍향(시:분)	최대	평균	최대: 풍향(시:분)	최대	평균	최대: 풍향(시:분)
1	NNW (12:50)	0.72	NNW (20:00)	NNW (15:63)	1.05	NNW (20:00)	NNW (11:46)	0.41	NE (12:00)
2	NNW (17:71)	0.80	NNW (20:00)	NNW (21:88)	1.23	N (20:15)	NW (21:88)	0.54	N (20:15)
3	N (13:54)	0.57	NNW (17:45)	N (18:75)	1.08	NNW (17:45)	N (9:38)	0.37	NW (20:00)
4	NNW (8:33)	0.63	NW (15:45)	NNW (16:67)	1.19	NNW (13:30)	NNW (12:50)	0.47	N (10:15)
5	ENE (22:92)	1.21	ENE (13:15)	ENE (23:96)	1.63	ENE (13:15)	ENE (25:00)	0.98	ENE (13:15)
6	NE (8:33)	0.29	ENE (15:30)	NNE (9:38)	0.73	ENE (13:00)	ENE (6:25)	0.29	NNE (12:45)
7	NE (8:33)	0.23	E (16:15)	N (10:42)	1.07	ENE (15:30)	NNE (11:46)	0.52	NNE (11:30)
8	N (5:21)	0.36	NNW (15:15)	N (19:79)	0.87	N (15:45)	NNW (14:58)	0.35	NNE (17:00)
9	N (30:21)	1.01	ESE (24:00)	N (30:21)	1.42	ESE (24:00)	N (34:38)	0.71	N (21:15)
10	E (25:00)	1.27	ESE (0:30)	E (25:00)	1.59	ESE (0:15)	ENE (14:58)	0.80	SW (18:30)
11	E (13:54)	0.66	KSW (19:15)	E (15:63)	1.23	KSW (19:15)	ENE (12:50)	0.58	SW (19:30)
12	NNW (10:42)	0.58	NNW (22:45)	NNW (13:54)	1.22	NNW (22:30)	NNW (12:50)	0.47	NNW (22:30)
13	N (12:50)	1.35	NNW (20:45)	N (27:08)	1.77	N (21:30)	N (18:75)	0.97	NNW (21:45)
14	N (16:67)	1.85	SW (23:15)	N (31:25)	2.03	NNN (16:15)	N (18:75)	1.13	NNE (14:00)
15	SW (30:21)	3.11	SW (3:45)	N (26:04)	2.76	N (10:45)	SW (30:21)	1.57	NNE (10:45)
16	N (10:42)	0.71	NNW (20:30)	NNW (17:71)	1.25	NNW (20:30)	N (11:46)	0.65	NE (14:00)
17	N (17:71)	0.49	N (22:15)	N (18:75)	1.03	NNW (22:15)	N (12:50)	0.55	NE (21:45)
18	NNW (8:33)	0.52	N (20:45)	NNW (17:71)	1.16	N (20:45)	NNW (18:75)	0.61	N (20:45)
19	SW (6:25)	0.67	ESE (20:15)	NNW (18:75)	1.01	ESE (20:15)	NNW (11:46)	0.50	E (20:15)
20	SE (10:42)	0.23	SW (17:45)	KSW (10:42)	1.19	SW (17:45)	SW (8:33)	0.64	SW (17:45)
21	KSW (13:54)	1.24	SE (15:15)	SSE (10:42)	0.84	SE (15:15)	SE (8:33)	0.35	SE (15:15)
22	NNE (57:29)	1.10	KSW (15:45)	SW (20:83)	1.51	SW (14:15)	SW (18:75)	0.84	SSW (13:45)
23	E (35:42)	1.47	N (15:00)	N (23:96)	1.89	N (22:00)	N (27:08)	1.16	N (20:15)
24	E (57:29)	3.73	ESE (8:15)	E (53:13)	3.39	E (8:15)	E (42:71)	2.05	E (13:15)
25	E (35:42)	1.47	ESE (1:00)	E (62:50)	2.20	E (8:15)	ENE (38:54)	1.17	ENE (8:15)
26	ENE (9:38)	0.29	ENE (20:30)	ENE (30:21)	0.99	NNE (6:30)	NE (25:00)	0.60	NNE (6:30)
27	E (13:54)	0.51	NE (11:45)	ENE (23:96)	0.78	NE (12:00)	ENE (15:63)	0.42	ENE (14:15)
28	N (36:46)	1.48	NNW (16:15)	N (52:08)	2.05	NNW (16:15)	N (55:21)	1.11	ENE (17:00)
29	ESE (12:50)	0.41	ESE (22:30)	E (14:58)	0.99	E (22:30)	NNW (3:33)	0.37	N (22:30)
30	E (33:33)	0.89	ESE (12:45)	E (22:92)	1.49	ESE (12:45)	- (0:00)	0.71	- (12:30)
31	E (12:50)	1.56	E (13:30)	N (13:54)	1.78	E (13:30)	- (0:00)	1.05	- (13:30)
월	E (7:80)	0.98	NNW (8:13)	N (11:29)	1.43	E (8:31)	N (9:31)	0.74	- (8:31)
일		7.21	NNW (8/13)	N (11:29)	1.43	E (8/31)	N (9:31)	0.74	- (8/31)

표 7. 계속 (Continued): 바람의 일간 통계값 (1996년 9월)

높이	67 m			27 m			10 m				
	최대풍향(%)	풍속 (m/sec)		최대풍향(%)	풍속 (m/sec)		최대풍향(%)	풍속 (m/sec)			
		평균	최대		평균	최대		평균	최대		
1	N (21.88)	5.56	N (20:45)	N (29:17)	1.09	4.14	NNN (20:45)	(0.00)	0.49	2.37	(20:45)
2	E (4.17)	2.19	E (12:30)	NNN (22:50)	0.74	2.85	EDE (12:30)	(0.00)	0.22	2.01	(12:30)
3	NNN (17.71)	6.20	NNN (20:00)	NNN (22:50)	1.31	5.04	NNN (20:15)	(0.00)	0.62	3.49	(20:15)
4	NNN (16.67)	4.39	W (18:45)	NNN (14:56)	1.08	3.71	W (18:45)	(0.00)	0.45	2.36	(18:45)
5	N (11.46)	4.30	NNN (2:00)	N (25:00)	0.94	2.70	N (16:45)	(0.00)	0.40	2.02	(16:45)
6	NNN (8.33)	2.99	NNN (1:15)	N (19:79)	0.84	2.40	NNN (1:15)	(0.00)	0.41	2.06	(9:15)
7	EDE (11.46)	2.34	NE (17:45)	E (16:67)	0.85	2.39	EDE (17:30)	(0.00)	0.41	2.04	(17:30)
8	SW (6.25)	3.44	SW (17:45)	SW (11:46)	0.98	3.09	SW (17:45)	(0.00)	0.45	1.99	(17:30)
9	NEE (9.38)	4.19	NEE (8:00)	N (12:50)	1.21	3.56	N (10:15)	(0.00)	0.71	3.20	(10:15)
10	NSW (4.17)	3.32	NSW (3:30)	NSW (26:04)	1.16	3.21	NE (11:45)	(0.00)	0.48	2.87	(11:45)
11	(0.00)	9999.99	(:)	NNN (12:50)	0.86	2.13	NNN (16:45)	(0.00)	0.10	0.95	(5:45)
12	(0.00)	9999.99	(:)	SW (9:38)	0.64	2.22	NSW (19:45)	(8.93)	0.20	1.10	NSW (19:45)
13	NNN (14.29)	4.16	NNN (19:00)	N (10:42)	0.97	3.40	NNN (19:00)	(7.29)	0.41	2.15	NEE (14:15)
14	N (7.29)	1.46	ESE (12:30)	NNN (13:54)	0.82	2.13	SW (3:30)	(6.25)	0.29	1.56	NEE (14:45)
15	N (0.00)	0.03	EDE (0:30)	EDE (8.33)	0.34	2.05	SW (3:00)	(8.33)	0.18	1.51	SW (3:00)
16	N (0.00)	4.48	NNN (19:15)	E (100.00)	1.42	3.54	N (19:00)	(100.00)	0.86	0.86	EDE (10:30)
17	(0.00)	3.84	(21:30)	(0.00)	0.93	3.06	(21:30)	(0.00)	9999.99	9999.99	(:)
18	NNN (22.22)	2.35	NNN (21:45)	NE (17:30)	0.54	1.83	NSW (13:30)	(11.11)	0.34	1.69	N (15:30)
19	NEE (12.50)	3.42	N (10:15)	N (11.46)	0.53	2.98	N (10:15)	(10.42)	0.26	2.29	NEE (10:00)
20	NNN (25.00)	4.29	NNN (12:45)	NSW (20.83)	1.75	3.69	NNN (12:45)	(18.75)	1.05	2.79	N (13:15)
21	N (29.17)	3.89	NNN (17:45)	N (16.67)	1.27	3.26	NE (11:00)	(14.58)	0.83	2.65	N (12:45)
22	NNN (18.75)	3.27	NNN (15:30)	NNN (14.58)	0.83	2.66	NNN (15:45)	(12.50)	0.48	1.93	N (14:30)
23	SW (54.29)	4.59	SW (17:15)	NNN (48.57)	1.90	3.41	SW (17:15)	(45.71)	1.06	2.13	SW (17:15)
24	NSW (15.63)	3.75	NNN (19:30)	NNN (50.00)	0.71	2.73	NNN (18:45)	(8.33)	0.34	1.82	SW (9:00)
25	SW (14.58)	2.79	W (18:45)	NSW (17.71)	0.98	2.69	NSW (7:15)	(7.29)	0.35	2.10	NSW (7:00)
26	N (18.75)	2.57	N (20:15)	N (13.54)	0.71	2.17	NSW (5:15)	(6.25)	0.18	1.33	SW (8:30)
27	ESE (37.50)	5.56	E (17:30)	E (30.21)	2.14	4.86	E (12:30)	(30.21)	1.29	3.71	EDE (12:30)
28	ESE (45.83)	6.90	ESE (11:45)	E (37.50)	2.48	5.92	ESE (11:45)	(29.17)	1.41	3.44	E (11:30)
29	E (40.63)	3.92	ESE (18:45)	E (17.71)	1.03	3.52	E (15:30)	(13.54)	0.53	2.20	EDE (18:30)
30	E (20.83)	2.02	ESE (18:00)	E (18.75)	1.42	3.42	ESE (13:30)	(13.54)	0.81	2.79	NE (12:45)
월	E (7.25)	1.03	ESE (9:28)	NNN (9.19)	1.08	5.92	ESE (9:28)	(6.67)	0.53	3.71	EDE (9:27)

표 7. 계속 (Continued): 바람의 월간 통계값 (1996년 10월)

높이 일	67 m			27 m			10 m		
	풍속 (m/sec)			풍속 (m/sec)			풍속 (m/sec)		
	최다풍향(%)	평균	최대: 풍향(시:분)	최다풍향(%)	평균	최대: 풍향(시:분)	최다풍향(%)	평균	최대: 풍향(시:분)
1	NNE (36.46)	2.57	5.04	E (23:00)	2.02	4.25	E (23:00)	1.44	3.60
2	SSE (21.88)	1.82	6.14	NW (19:00)	1.11	4.62	NW (19:00)	0.55	3.19
3	SW (31.25)	1.90	4.80	N (15:00)	1.36	3.68	NW (3:45)	0.43	2.45
4	N (16.67)	1.02	3.09	NW (14:45)	0.67	2.49	NW (14:00)	0.19	1.81
5	SW (18.75)	0.94	2.57	NW (19:00)	0.74	2.47	NW (18:00)	0.30	1.57
6	SW (21.88)	1.97	5.21	NW (17:45)	1.46	4.00	NW (17:30)	0.50	2.64
7	NW (18.75)	1.19	3.82	N (0:45)	0.63	2.76	NW (0:45)	0.20	1.46
8	NW (16.67)	1.75	4.33	NW (16:30)	1.26	3.48	NW (19:15)	0.70	2.49
9	NW (20.83)	1.50	4.16	NW (20:00)	1.03	3.18	NW (15:15)	0.38	2.28
10	NW (18.75)	1.02	2.39	NW (13:30)	0.54	2.27	NW (13:30)	0.25	1.66
11	E (10.42)	0.54	2.15	E (7:29)	0.36	1.78	NW (18:00)	0.08	1.01
12	SW (15.63)	1.25	4.35	NW (7:30)	0.98	3.41	NW (6:45)	0.47	2.44
13	NW (28.13)	1.57	5.61	NW (19:00)	1.17	4.46	NW (19:15)	0.35	2.09
14	NW (13.54)	1.59	4.02	N (18:00)	1.29	3.44	NNE (13:15)	0.65	3.24
15	N (25.00)	3.12	7.15	NW (12:00)	2.30	5.61	NW (12:00)	1.46	4.07
16	SW (17.71)	1.64	5.94	NW (19:15)	1.14	4.13	NW (18:45)	0.68	2.78
17	SW (14.58)	0.83	2.64	NW (16:30)	0.67	2.52	NW (3:15)	0.44	2.18
18	N (20.83)	1.58	4.56	NW (20:15)	1.20	3.42	NW (19:30)	0.67	2.75
19	N (20.83)	1.53	4.31	NW (19:00)	1.19	3.88	NNE (12:00)	0.42	1.93
20	E (18.75)	0.98	3.60	E (22:30)	0.62	2.69	E (15:00)	0.12	2.00
21	NE (14.58)	1.11	2.70	E (0:15)	0.61	2.19	E (15:00)	0.09	0.93
22	E (21.08)	1.39	3.91	E (14:00)	1.01	3.61	E (15:30)	0.64	2.89
23	E (13.54)	0.96	3.51	NW (17:30)	0.58	2.36	NW (17:15)	0.19	1.73
24	NW (14.58)	1.06	3.84	NW (17:45)	0.92	3.46	NW (17:15)	0.53	2.54
25	NW (37.50)	2.50	4.88	NW (19:15)	1.82	3.90	NW (19:15)	0.86	2.16
26	NW (50.00)	2.79	5.65	NW (4:00)	2.01	4.21	NW (8:45)	1.36	3.24
27	SW (21.88)	1.08	2.45	E (13:45)	0.73	2.34	NW (0:15)	0.35	1.82
28	SW (35.42)	1.42	7.29	SW (14:30)	1.12	5.73	SW (14:30)	0.58	3.93
29	SW (41.67)	1.89	6.07	NW (16:00)	1.51	4.82	SW (16:00)	0.93	3.35
30	NW (15.63)	1.57	5.16	NW (19:00)	1.24	4.19	SSW (11:46)	0.70	3.06
31	E (23.96)	2.63	5.64	E (10:30)	1.92	4.90	E (20:83)	1.09	3.65
월	SW (10.46)	1.57	7.29	SW (10:28)	1.14	5.73	NW (6.05)	0.57	4.07
				NW (9.14)			SW (10:28)		

표 7. 계속 (Continued): 바람의 월간 통계값 (1996년 11월)

일	67 m			27 m			10 m		
	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	(42.68)	5.47	(58.54)	2.03	4.52	(4.00)	1.12	2.84	(4.00)
2	(28.13)	5.74	(22.92)	1.28	4.07	(18.15)	0.67	2.58	(18.15)
3	(17.71)	3.47	(11.46)	0.99	3.59	(12.45)	0.32	2.63	(14.30)
4	(16.67)	3.88	(19.79)	0.82	3.51	(19.30)	0.33	2.73	(19.30)
5	(26.04)	5.00	(23.96)	1.26	4.02	(19.30)	0.45	2.55	(18.30)
6	(31.25)	5.78	(32.29)	2.19	4.77	(21.00)	1.34	3.87	(9.30)
7	(13.54)	3.26	(15.63)	0.57	2.44	(8.15)	0.31	1.76	(8.00)
8	(23.96)	2.75	(19.79)	0.76	2.62	(11.30)	0.07	0.72	(20.45)
9	(15.63)	3.99	(17.71)	1.31	3.70	(2.45)	0.54	2.56	(2.30)
10	(18.75)	2.86	(19.79)	0.73	2.53	(15.30)	0.13	0.94	(7.15)
11	(23.96)	5.07	(25.00)	1.27	3.90	(20.15)	0.24	2.97	(14.30)
12	(20.00)	0.32	(20.00)	0.07	0.24	(0.30)	0.03	0.03	(0.15)
13	(20.41)	3.95	(24.49)	1.25	3.66	(15.15)	0.65	2.66	(15.00)
14	(25.00)	4.88	(17.71)	1.30	3.91	(14.45)	0.31	2.15	(2.45)
15	(43.75)	5.74	(23.96)	1.38	4.36	(11.30)	0.74	3.33	(11.15)
16	(27.96)	4.47	(22.58)	1.36	3.47	(19.30)	0.14	1.47	(2.00)
17	(29.17)	2.38	(26.04)	1.88	4.96	(14.15)	0.76	3.79	(14.00)
18	(38.94)	5.20	(36.46)	2.14	4.45	(15.15)	0.73	3.05	(15.15)
19	(18.75)	4.21	(21.88)	1.08	3.35	(16.30)	0.29	2.09	(16.30)
20	(65.63)	10.56	(50.00)	3.21	7.63	(22.30)	2.25	5.53	(15.15)
21	(38.54)	6.74	(32.29)	2.41	5.43	(14.30)	1.01	4.02	(14.45)
22	(22.92)	3.70	(16.67)	1.16	3.38	(13.45)	0.51	3.13	(13.30)
23	(25.00)	6.18	(18.75)	1.18	4.83	(16.30)	0.27	2.47	(9.45)
24	(20.83)	3.65	(13.54)	0.99	3.31	(12.00)	0.49	2.57	(13.15)
25	(10.42)	4.68	(10.42)	0.61	3.77	(17.00)	0.20	2.23	(16.45)
26	(17.71)	5.40	(14.58)	1.34	4.44	(22.45)	0.86	3.32	(22.45)
27	(26.04)	6.51	(28.13)	2.98	5.45	(14.00)	1.67	3.76	(14.00)
28	(33.33)	1.71	(20.83)	1.26	3.78	(2.00)	0.39	2.78	(2.00)
29	(20.83)	5.47	(22.92)	1.77	4.25	(2.00)	0.56	2.17	(8.30)
30	(25.00)	2.61	(33.33)	1.16	1.78	(0.15)	0.95	1.52	(0.45)
월	(12.46)	1.84	(13.21)	1.44	7.63	(11/20)	0.62	5.53	(11/20)

표 7. 계속 (Continued): 바람의 일간 통계값 (1996년 12월)

높이	67 m			27 m			10 m		
	최대풍향(%)			최대풍향(%)			최대풍향(%)		
	평균	최대	풍속 (m/sec)	평균	최대	풍속 (m/sec)	평균	최대	풍속 (m/sec)
1	- (0.00)	9999.99	9999.99	- (0.00)	9999.99	9999.99	- (0.00)	9999.99	9999.99
2	- (0.00)	9999.99	9999.99	- (0.00)	9999.99	9999.99	- (0.00)	9999.99	9999.99
3	- (0.00)	9999.99	9999.99	- (0.00)	9999.99	9999.99	- (0.00)	9999.99	9999.99
4	- (0.00)	9999.99	9999.99	- (0.00)	9999.99	9999.99	- (0.00)	9999.99	9999.99
5	- (0.00)	9999.99	9999.99	- (0.00)	9999.99	9999.99	- (0.00)	9999.99	9999.99
6	SW (59.46)	2.01	4.83	SW (40.54)	1.34	3.83	SW (16:30)	SW (29.73)	0.36
7	NNW (33.33)	2.09	4.62	NNW (34.38)	1.56	3.70	NNW (14:45)	NNW (19.79)	0.63
8	SW (37.50)	2.81	5.95	WSW (28.13)	1.96	4.97	SSW (11:15)	SSW (34.38)	1.24
9	SW (34.38)	1.51	4.95	WSW (22.92)	1.03	3.86	WSW (15:15)	SSW (12.50)	0.48
10	WSW (33.33)	2.26	6.68	WSW (36.46)	1.75	5.30	WSW (13:15)	WSW (21.88)	0.86
11	WSW (32.29)	1.80	5.73	WSW (16.67)	1.22	4.54	WSW (14:15)	NNW (10.42)	0.57
12	WSW (14.58)	0.89	2.97	N (9.38)	0.72	2.55	NNW (10:00)	E (6.25)	0.42
13	SW (30.21)	1.17	5.55	SW (19.79)	0.86	4.19	SW (16:00)	WSW (5.21)	0.11
14	SW (27.08)	1.03	2.42	SW (15.63)	0.67	2.31	E (14:00)	N (1.04)	0.03
15	WSW (26.04)	0.98	2.48	SW (13.54)	0.60	2.07	N (17:30)	SSW (6.25)	0.14
16	SW (11.46)	0.90	3.12	WSW (13.54)	0.79	3.21	WSW (8:00)	E (1.04)	0.04
17	N (22.92)	1.96	5.39	NNW (15.63)	1.37	4.28	NNW (23:30)	E (1.04)	0.04
18	NNW (31.25)	2.06	5.04	NNW (27.08)	1.58	4.24	NNW (12:00)	NNW (17.71)	0.64
19	WSW (28.13)	1.76	4.93	NNW (31.25)	1.36	4.20	NNW (9:15)	NNW (25.00)	1.13
20	SW (35.42)	1.69	4.39	WSW (28.13)	1.26	3.84	WSW (16:30)	WSW (18.75)	0.84
21	SW (47.92)	1.89	5.24	SW (37.50)	1.30	4.32	SW (15:00)	SW (15.63)	0.73
22	SW (28.13)	5.27	11.92	W (29.17)	3.97	9.76	WSW (12:45)	SW (30.21)	0.66
23	SW (31.25)	1.99	4.67	WSW (25.00)	1.57	4.09	WSW (1:00)	WSW (21.88)	2.63
24	N (30.21)	2.44	7.73	SW (33.33)	1.70	6.15	SW (13:30)	WSW (13.54)	0.94
25	N (17.71)	1.91	4.45	N (22.92)	1.42	3.98	NNW (7:45)	SW (29.17)	1.09
26	N (30.21)	0.63	2.90	NNW (9.38)	0.56	3.28	NNW (14:30)	N (22.92)	0.92
27	SW (25.00)	1.93	5.89	WSW (19.79)	1.43	4.93	NNW (7:45)	E (4.17)	0.09
28	N (11.46)	1.33	4.62	WSW (15:15)	1.02	3.61	NNW (2:15)	NNW (13.54)	0.47
29	N (16.67)	1.08	3.20	NNW (2:15)	0.83	2.91	NNW (14:30)	N (11.46)	0.53
30	WSW (13.54)	0.67	2.75	N (18:30)	0.45	2.59	N (18:30)	NNW (2:15)	0.52
31	N (16.67)	0.55	2.01	ESE (7.29)	0.42	2.10	N (14:45)	N (7.29)	0.24
일	SW (18.42)	1.71	11.92	WSW (14.69)	1.26	9.76	N (12:45)	N (7.29)	0.23
				WSW (14.69)			WSW (12:45)	SW (7.59)	0.64
									6.79
									WSW (12:45)

표 7. 계속 (Continued): 기온의 월간 통계값 (1996년 1월)

높이 일	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	-3.12	1.06 (15:30)	-7.43 (8:15)	-2.69	1.86 (15:30)	-7.30 (8:00)	-3.87	3.95 (15:15)	-9.91 (7:30)	-3.96	2.15 (15:15)	-9.86 (7:45)
2	0.58	7.03 (24:00)	-5.94 (8:45)	0.73	7.60 (24:00)	-6.52 (8:00)	-0.49	8.25 (16:00)	-9.08 (8:15)	-0.20	8.19 (15:45)	-8.43 (7:45)
3	-2.42	7.43 (0:30)	-8.70 (24:00)	-1.59	7.95 (0:30)	-7.90 (24:00)	-1.62	7.52 (0:45)	-9.30 (24:00)	-1.61	7.57 (0:30)	-9.03 (24:00)
4	-5.79	-1.04 (16:15)	-10.77 (7:15)	-5.28	-0.23 (16:15)	-10.67 (7:00)	-6.37	2.15 (16:15)	-13.22 (7:15)	-6.36	0.49 (16:00)	-12.80 (7:00)
5	-0.50	3.61 (18:15)	-6.01 (4:30)	-0.09	3.88 (18:45)	-5.68 (4:45)	-0.69	3.89 (17:00)	-7.94 (2:30)	-0.84	3.64 (16:45)	-7.94 (3:00)
6	3.67	5.60 (13:45)	-0.58 (24:00)	4.01	6.34 (13:45)	-0.07 (24:00)	3.52	7.13 (14:00)	-0.37 (23:45)	3.21	6.77 (13:45)	-0.88 (23:45)
7	2.32	4.73 (18:45)	-1.65 (6:45)	1.67	5.42 (19:00)	-2.53 (5:30)	1.55	5.41 (19:30)	-3.10 (4:30)	0.93	4.69 (19:45)	-3.49 (5:15)
8	-4.54	1.44 (0:15)	-8.41 (24:00)	-3.72	2.19 (0:15)	-7.51 (24:00)	-3.74	1.91 (0:15)	-8.24 (22:30)	-3.83	1.79 (0:15)	-7.78 (24:00)
9	-6.63	-3.09 (16:45)	-10.39 (7:30)	-5.98	-2.10 (16:45)	-10.22 (7:30)	-6.73	-1.46 (17:00)	-13.53 (7:15)	-6.59	-1.84 (16:30)	-12.90 (8:15)
10	-3.12	1.47 (16:00)	-6.51 (7:45)	-2.79	2.30 (16:00)	-6.80 (7:45)	-3.71	3.87 (15:45)	-8.95 (8:15)	-3.88	3.05 (15:15)	-9.06 (8:15)
11	-3.21	1.65 (16:15)	-8.51 (8:15)	-3.13	2.40 (16:15)	-8.75 (7:45)	-4.75	3.94 (16:30)	-11.66 (8:15)	-4.57	2.35 (15:45)	-10.83 (8:00)
12	0.03	7.19 (16:15)	-7.74 (7:45)	0.13	7.88 (16:15)	-7.69 (8:00)	-1.31	10.28 (15:45)	-9.96 (6:15)	-1.52	8.71 (15:30)	-9.71 (7:45)
13	3.21	6.90 (16:00)	-0.40 (8:45)	3.60	7.64 (16:00)	-1.05 (9:00)	2.18	8.71 (13:30)	-2.69 (8:30)	2.05	8.11 (15:15)	-2.86 (8:30)
14	4.42	5.81 (19:00)	3.00 (23:00)	4.94	6.43 (17:30)	3.77 (23:00)	4.97	7.50 (15:30)	2.77 (4:00)	4.28	6.36 (16:30)	2.39 (4:00)
15	1.48	3.27 (0:15)	0.03 (14:30)	2.16	3.90 (0:15)	0.63 (14:45)	2.48	4.22 (0:15)	0.99 (14:45)	1.86	3.53 (0:15)	0.53 (14:30)
16	-2.78	0.75 (0:30)	-6.04 (23:00)	-2.00	1.45 (0:15)	-5.42 (23:15)	-2.10	1.72 (0:15)	-7.21 (23:30)	-2.20	0.97 (0:15)	-6.69 (22:30)
17	-5.11	-1.66 (16:30)	-8.21 (6:45)	-4.40	-0.84 (16:30)	-7.64 (6:30)	-4.65	0.68 (16:30)	-8.45 (5:45)	-4.74	-0.46 (15:30)	-8.48 (6:00)
18	-4.21	-1.04 (15:30)	-6.88 (9:15)	-3.47	-0.19 (15:30)	-6.32 (8:30)	-3.73	1.80 (15:45)	-7.53 (8:30)	-3.77	0.50 (16:15)	-7.18 (8:15)
19	-3.55	-0.16 (16:45)	-7.49 (8:45)	-3.01	0.64 (16:45)	-7.31 (6:30)	-3.62	1.97 (16:00)	-9.44 (5:15)	-3.65	0.95 (15:15)	-8.79 (5:00)
20	-0.44	2.32 (16:45)	-2.19 (2:45)	0.14	3.09 (15:30)	-1.77 (2:30)	-0.47	3.61 (16:00)	-4.14 (23:15)	-0.48	3.60 (15:30)	-3.83 (24:00)
21	-1.55	1.53 (16:15)	-4.60 (6:00)	-1.30	2.29 (16:30)	-4.87 (6:00)	-2.09	3.86 (13:45)	-6.89 (7:00)	-2.16	2.78 (15:15)	-6.63 (6:45)
22	-1.12	2.05 (15:30)	-4.36 (6:00)	-0.57	2.86 (15:30)	-3.79 (6:00)	-1.22	3.84 (14:30)	-5.32 (7:00)	-1.21	3.39 (15:30)	-4.90 (6:45)
23	-3.98	0.92 (14:15)	-3.65 (23:15)	-0.97	1.75 (14:15)	-3.02 (23:00)	-1.68	3.37 (14:15)	-4.98 (8:00)	-1.50	2.54 (14:15)	-4.49 (8:30)
24	-3.98	-0.86 (15:45)	-5.98 (7:00)	-3.30	-0.06 (15:45)	-5.80 (7:45)	-3.89	1.65 (15:30)	-8.55 (8:15)	-3.91	0.55 (14:30)	-8.10 (8:00)
25	-5.17	-1.82 (14:45)	-7.61 (8:30)	-4.44	-0.89 (14:45)	-7.00 (7:45)	-5.01	0.46 (14:45)	-8.46 (21:45)	-5.06	-0.40 (14:45)	-8.47 (24:00)
26	-6.06	-1.02 (16:45)	-9.89 (7:45)	-5.51	-0.10 (16:45)	-9.73 (7:15)	-6.62	1.72 (16:30)	-12.82 (6:30)	-6.51	0.48 (15:30)	-12.35 (7:30)
27	-3.19	2.82 (16:00)	-9.83 (7:30)	-2.83	3.74 (16:00)	-9.78 (7:30)	-3.95	4.81 (14:45)	-12.24 (7:30)	-3.78	4.49 (16:00)	-11.85 (8:00)
28	0.75	3.79 (16:30)	-1.53 (6:45)	1.11	4.39 (16:30)	-2.06 (6:45)	0.11	5.08 (15:45)	-4.04 (7:00)	-0.56	4.07 (16:30)	-4.32 (6:45)
29	0.39	3.49 (16:00)	-2.97 (24:00)	0.92	4.43 (16:00)	-3.30 (9:00)	0.11	5.06 (16:00)	-5.66 (7:45)	0.27	5.01 (16:00)	-5.37 (8:00)
30	-5.31	-2.63 (14:45)	-7.49 (7:45)	-4.52	-1.75 (14:45)	-7.36 (8:00)	-5.22	-1.03 (13:30)	-10.02 (8:15)	-4.93	-1.46 (14:00)	-9.59 (8:15)
31	-6.53	-2.22 (16:00)	-10.44 (9:00)	-5.81	-1.23 (16:00)	-10.38 (8:45)	-6.40	-0.77 (13:30)	-12.55 (7:00)	-6.12	-0.56 (14:45)	-12.40 (7:00)
월	-2.04	7.43 (1/3)	-10.77 (1/4)	-1.55	7.95 (1/3)	-10.67 (1/4)	-2.23	10.28 (1/12)	-13.53 (1/9)	-2.30	8.71 (1/12)	-12.90 (1/9)

표 7. 계속 (Continued): 기온의 월간 통계값 (1996년 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	-8.39	-4.66 (13:45)	-10.97 (7:15)	-7.73	-3.55 (13:45)	-10.66 (7:15)	-8.31	-1.91 (14:00)	-13.12 (8:15)	-8.22	-2.34 (13:45)	-12.76 (8:15)
2	-10.20	-5.81 (17:00)	-13.87 (8:00)	-9.52	-4.86 (17:00)	-13.10 (6:45)	-10.24	-3.03 (16:00)	-16.19 (7:30)	-10.26	-4.13 (15:45)	-16.02 (7:30)
3	-4.37	1.10 (16:15)	-9.63 (2:45)	-4.18	1.97 (16:15)	-10.40 (2:45)	-5.28	4.33 (16:30)	-13.02 (2:45)	-5.08	2.99 (15:45)	-12.56 (2:30)
4	-0.56	3.85 (15:00)	-4.01 (8:00)	-0.05	4.98 (14:30)	-4.10 (7:45)	-0.71	4.87 (14:30)	-5.07 (8:30)	-0.93	4.93 (14:30)	-5.59 (3:30)
5	-4.87	0.57 (1:15)	-7.59 (24:00)	-4.02	1.27 (1:15)	-6.74 (24:00)	-4.14	1.02 (1:15)	-7.65 (21:45)	-4.14	0.79 (1:15)	-7.21 (24:00)
6	-6.55	-2.58 (15:15)	-9.30 (8:15)	-5.88	-1.77 (15:15)	-9.07 (7:15)	-6.60	0.48 (15:15)	-12.57 (7:45)	-6.62	-0.96 (15:00)	-12.13 (8:00)
7	-5.00	0.27 (16:45)	-10.44 (7:45)	-4.53	1.05 (16:45)	-10.50 (7:45)	-5.23	2.00 (16:00)	-12.40 (6:30)	-5.24	1.33 (15:45)	-12.29 (6:15)
8	-2.32	2.13 (14:00)	-4.90 (6:30)	-1.67	3.04 (14:00)	-4.60 (6:30)	-2.13	3.99 (14:15)	-5.39 (7:00)	-2.04	3.84 (14:00)	-5.41 (7:45)
9	-6.36	-4.54 (0:15)	-7.85 (7:30)	-5.59	-3.75 (0:15)	-7.15 (7:30)	-5.65	-2.88 (14:45)	-8.21 (7:30)	-5.77	-3.34 (14:30)	-8.34 (7:30)
10	-4.68	-0.84 (16:15)	-7.24 (6:00)	-4.00	0.09 (16:00)	-7.00 (6:15)	-4.36	2.01 (16:15)	-9.67 (7:00)	-4.43	0.68 (16:15)	-9.35 (6:45)
11	-1.86	3.31 (16:45)	-8.27 (7:00)	-1.63	4.19 (16:45)	-8.52 (6:15)	-2.63	5.02 (16:00)	-11.27 (6:30)	-2.48	4.97 (15:15)	-10.44 (6:15)
12	7.36	11.77 (16:15)	2.07 (0:15)	7.35	12.56 (16:00)	1.56 (0:15)	6.25	13.25 (15:30)	-0.09 (0:15)	6.13	13.41 (15:15)	-0.26 (0:15)
13	9.97	16.26 (14:30)	5.13 (2:15)	9.70	17.11 (14:30)	4.26 (1:45)	8.85	17.94 (14:45)	2.59 (0:15)	8.81	18.08 (14:30)	2.69 (0:15)
14	7.35	11.69 (16:30)	2.43 (7:45)	6.72	12.30 (16:30)	0.94 (7:45)	6.18	12.89 (15:15)	0.82 (6:45)	5.78	12.57 (16:15)	0.32 (7:30)
15	1.10	5.56 (15:00)	-2.75 (24:00)	1.81	6.35 (15:00)	-1.91 (24:00)	1.49	8.05 (15:45)	-3.55 (8:00)	1.54	7.40 (15:00)	-3.15 (7:45)
16	-3.25	0.14 (16:00)	-6.42 (8:00)	-2.40	1.00 (16:00)	-5.88 (8:00)	-2.55	3.16 (16:00)	-7.22 (8:00)	-2.47	1.86 (16:00)	-7.02 (7:45)
17	-2.64	0.75 (15:15)	-5.01 (8:00)	-1.78	1.62 (15:15)	-4.19 (7:45)	-1.79	3.03 (15:15)	-4.87 (8:00)	-1.74	2.21 (15:15)	-4.55 (7:45)
18	-2.97	1.59 (16:45)	-7.03 (7:30)	-2.41	2.40 (16:45)	-6.60 (6:30)	-3.29	4.02 (16:30)	-9.59 (7:45)	-3.15	2.84 (14:45)	-9.04 (7:30)
19	-3.97	0.25 (15:15)	-7.56 (7:30)	-3.40	1.11 (15:00)	-7.39 (8:15)	-4.38	3.36 (15:15)	-10.50 (7:00)	-4.29	2.05 (15:00)	-9.97 (7:30)
20	-4.59	-0.67 (14:15)	-8.34 (7:15)	-4.15	0.33 (14:15)	-8.78 (7:00)	-5.10	1.99 (14:15)	-11.77 (7:30)	-4.92	1.13 (15:00)	-10.79 (7:30)
21	-4.41	0.96 (16:30)	-8.91 (8:15)	-3.74	1.82 (16:30)	-9.23 (8:15)	-4.28	3.64 (16:30)	-10.80 (8:00)	-4.27	2.22 (16:30)	-11.00 (7:45)
22	-2.70	1.92 (16:15)	-7.07 (7:45)	-2.27	2.78 (16:15)	-7.10 (8:00)	-3.19	4.08 (16:30)	-10.15 (6:45)	-3.06	3.61 (14:45)	-9.76 (6:45)
23	-0.71	4.28 (15:15)	-4.94 (8:00)	-0.35	5.18 (15:15)	-5.22 (7:45)	-1.44	6.76 (15:30)	-8.21 (7:45)	-1.40	6.07 (15:15)	-7.43 (7:30)
24	-0.25	4.91 (16:30)	-5.95 (8:00)	0.04	5.72 (16:15)	-6.10 (8:00)	-0.81	6.90 (15:45)	-8.71 (7:45)	-0.71	6.49 (15:45)	-7.89 (7:45)
25	0.49	4.39 (17:15)	-3.69 (6:45)	0.90	5.14 (17:30)	-3.66 (6:30)	0.23	7.14 (16:45)	-5.25 (4:15)	0.16	5.91 (16:30)	-4.94 (6:30)
26	1.61	6.64 (16:30)	-2.80 (5:30)	2.10	7.51 (16:30)	-3.17 (5:15)	1.55	8.40 (14:30)	-4.65 (3:00)	1.64	8.39 (14:30)	-4.47 (5:30)
27	-1.88	1.41 (16:00)	-4.07 (5:00)	-1.10	2.25 (15:30)	-3.55 (7:15)	-1.45	4.41 (16:00)	-5.95 (24:00)	-1.38	3.31 (15:30)	-5.65 (24:00)
28	-0.88	5.46 (17:30)	-6.67 (7:00)	-0.39	6.22 (17:15)	-6.96 (6:45)	-1.08	8.44 (16:45)	-9.57 (7:00)	-1.09	7.45 (17:00)	-9.32 (7:00)
29	1.26	6.55 (16:15)	-3.37 (6:00)	1.62	7.47 (16:15)	-3.38 (6:30)	1.24	9.59 (15:30)	-4.79 (2:30)	1.15	8.70 (16:15)	-4.55 (3:15)
월	-1.87	16.26 (2/13)	-13.87 (2/2)	-1.40	17.11 (2/13)	-13.10 (2/2)	-2.03	17.94 (2/13)	-16.19 (2/2)	-2.02	18.08 (2/13)	-16.02 (2/2)

표 7. 계속 (Continued): 기온의 월간 통계값 (1996년 3월)

높이 일	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	0.58	3.11 (2:45)	-2.18 (22:45)	1.37	3.81 (3:00)	-1.64 (23:30)	1.29	5.00 (15:30)	-3.31 (23:00)	1.29	4.39 (14:30)	-3.04 (23:45)
2	1.01	6.52 (14:45)	-3.30 (7:30)	1.58	7.59 (14:45)	-4.06 (7:30)	0.97	8.97 (15:00)	-6.81 (7:30)	1.10	9.07 (14:45)	-6.28 (7:30)
3	1.30	6.35 (17:00)	-3.15 (5:45)	1.77	7.23 (17:00)	-3.77 (6:00)	0.98	8.23 (15:15)	-6.67 (6:00)	1.14	8.27 (16:00)	-6.34 (7:00)
4	2.75	7.59 (14:30)	-1.17 (7:00)	3.27	8.54 (14:30)	-1.14 (3:30)	2.32	10.00 (14:30)	-4.53 (4:00)	2.25	9.39 (14:00)	-3.95 (3:30)
5	2.06	7.21 (17:45)	-3.24 (7:30)	2.43	7.94 (17:45)	-3.05 (7:15)	1.76	10.52 (15:15)	-5.33 (6:30)	1.75	9.29 (14:45)	-4.97 (7:15)
6	4.73	10.56 (16:30)	-1.61 (7:15)	4.89	11.26 (17:15)	-2.42 (6:45)	4.07	12.87 (16:15)	-5.37 (6:00)	4.03	12.22 (16:15)	-4.56 (6:30)
7	5.31	7.49 (0:15)	2.75 (24:00)	5.96	8.05 (0:15)	3.32 (24:00)	6.10	8.00 (18:15)	2.70 (24:00)	5.64	7.33 (19:00)	2.72 (24:00)
8	2.50	5.24 (16:00)	0.29 (24:00)	3.22	6.13 (16:00)	0.75 (24:00)	3.07	7.96 (14:30)	0.08 (24:00)	3.07	7.44 (14:15)	-0.20 (24:00)
9	0.91	4.31 (15:45)	-1.26 (6:30)	1.59	5.27 (15:45)	-0.86 (3:45)	1.15	6.31 (15:30)	-3.28 (3:15)	1.19	6.30 (15:45)	-2.74 (3:15)
10	-0.58	-0.32 (0:15)	-0.89 (2:45)	0.01	0.31 (0:15)	-0.39 (2:45)	-1.39	-0.52 (0:15)	-1.96 (3:00)	-1.20	-0.60 (0:15)	-1.91 (3:00)
11	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99
12	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99
13	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99
14	8.84	9.95 (18:45)	6.86 (10:30)	9.41	10.47 (14:15)	7.29 (10:30)	9.57	11.67 (14:30)	6.70 (10:30)	9.37	11.03 (14:15)	6.77 (24:00)
15	7.34	10.73 (16:30)	5.06 (8:00)	7.89	11.46 (16:30)	5.34 (24:00)	7.65	13.05 (16:30)	3.53 (23:30)	7.40	12.17 (16:30)	3.32 (24:00)
16	4.83	7.56 (15:30)	1.47 (7:15)	5.15	8.19 (15:30)	1.50 (7:15)	4.71	8.44 (11:00)	0.51 (6:00)	4.42	8.59 (15:00)	0.00 (5:45)
17	4.40	7.03 (15:00)	-0.77 (24:00)	5.10	7.91 (15:00)	-0.03 (24:00)	5.47	9.48 (15:15)	-1.00 (24:00)	5.13	9.16 (15:00)	-0.66 (24:00)
18	1.58	6.15 (15:15)	-1.86 (8:00)	2.34	7.26 (15:15)	-1.79 (6:15)	1.96	8.51 (15:30)	-4.87 (6:45)	2.18	8.41 (15:15)	-4.12 (7:00)
19	0.87	5.03 (16:15)	-2.36 (7:15)	1.64	5.89 (16:15)	-1.93 (7:15)	1.40	7.77 (15:45)	-4.01 (6:15)	1.42	6.84 (15:30)	-3.90 (7:00)
20	4.27	11.12 (17:15)	-2.59 (7:45)	4.65	11.81 (16:30)	-2.52 (7:30)	4.22	14.67 (15:30)	-4.59 (7:00)	4.05	13.25 (15:30)	-4.13 (7:15)
21	4.85	6.61 (0:15)	3.61 (4:45)	5.01	7.12 (9:45)	2.13 (4:15)	4.23	6.78 (10:00)	1.26 (2:00)	4.03	6.82 (10:00)	1.13 (3:45)
22	5.62	10.59 (16:45)	2.79 (5:45)	6.28	11.28 (16:30)	3.50 (6:00)	6.73	13.66 (15:15)	1.83 (24:00)	6.34	12.24 (15:15)	2.06 (24:00)
23	4.54	6.71 (14:45)	1.55 (3:30)	4.99	7.46 (14:45)	1.78 (3:15)	4.68	8.86 (15:00)	0.61 (3:45)	4.59	8.77 (14:00)	0.30 (4:15)
24	3.85	7.84 (15:45)	1.33 (24:00)	4.67	8.66 (16:00)	2.11 (24:00)	4.68	10.47 (15:30)	1.06 (3:30)	4.52	9.38 (16:00)	1.03 (1:30)
25	3.85	8.96 (16:00)	0.46 (5:45)	4.56	9.78 (16:00)	1.25 (5:45)	5.02	12.03 (16:15)	1.55 (4:45)	4.74	10.94 (15:45)	1.12 (6:15)
26	6.95	14.22 (15:45)	-0.97 (7:30)	6.85	15.00 (15:45)	-1.56 (7:30)	6.73	17.75 (16:00)	-2.16 (6:30)	6.35	16.39 (15:30)	-2.18 (6:15)
27	8.12	13.65 (15:15)	2.70 (7:45)	8.56	14.44 (15:15)	3.15 (7:30)	8.31	16.77 (15:15)	1.95 (7:15)	8.06	15.72 (15:00)	1.85 (7:15)
28	6.96	11.01 (16:00)	1.10 (7:00)	7.17	11.72 (16:00)	0.50 (7:00)	6.44	12.86 (13:45)	-2.02 (6:30)	6.43	12.54 (15:15)	-1.36 (6:30)
29	8.19	11.39 (13:30)	5.95 (5:45)	8.80	12.17 (13:30)	6.30 (6:45)	8.67	12.88 (13:00)	5.39 (7:15)	8.75	13.15 (13:00)	5.42 (7:00)
30	6.98	9.99 (6:15)	4.74 (18:15)	7.64	10.42 (6:15)	5.48 (18:30)	7.70	10.38 (6:30)	5.59 (18:30)	7.36	10.04 (6:30)	5.31 (18:30)
31	5.09	5.46 (0:15)	4.80 (3:00)	5.77	6.11 (0:15)	5.49 (3:00)	5.67	5.84 (0:30)	5.32 (3:00)	5.35	5.61 (0:15)	4.95 (3:00)
월	4.25	14.22 (3:26)	-3.30 (3:2)	4.78	15.00 (3:26)	-4.06 (3:2)	4.51	17.75 (3:26)	-6.81 (3:2)	4.38	16.39 (3:26)	-6.34 (3:3)

표 7. 계속 (Continued): 기온의 월간 통계값 (1996년 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	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99
2	2.44	4.91 (15:45)	-0.34 (23:30)	3.27	5.79 (15:45)	0.23 (23:30)	3.43	6.71 (16:00)	-1.16 (23:45)	3.43	6.71 (16:00)	-1.16 (23:45)
3	2.42	6.01 (16:30)	-0.38 (1:30)	3.18	6.96 (14:45)	0.08 (2:45)	2.93	8.95 (15:30)	-1.37 (3:00)	2.97	8.26 (14:30)	-1.60 (3:00)
4	4.29	9.37 (15:15)	-1.08 (6:30)	4.74	10.29 (15:15)	-1.39 (7:15)	4.24	12.01 (15:30)	-4.11 (6:45)	4.20	11.40 (15:30)	-3.52 (6:30)
5	7.72	13.94 (16:00)	2.05 (6:15)	8.07	14.80 (16:00)	1.01 (5:30)	7.44	16.70 (14:00)	-2.13 (5:00)	7.27	16.17 (15:00)	-1.65 (5:00)
6	6.33	9.75 (12:15)	4.04 (6:45)	6.62	10.47 (12:15)	4.11 (6:45)	6.18	10.29 (12:30)	2.79 (2:45)	5.97	10.29 (12:30)	2.89 (3:30)
7	8.77	13.79 (17:00)	5.20 (23:45)	9.49	14.57 (17:00)	5.90 (23:45)	10.19	15.87 (15:15)	5.98 (22:45)	9.65	15.41 (15:15)	5.72 (21:00)
8	8.43	13.83 (16:30)	3.96 (7:00)	9.10	14.59 (16:30)	4.44 (6:30)	9.35	16.79 (15:15)	4.09 (6:15)	9.15	15.68 (15:00)	3.59 (6:15)
9	7.98	13.32 (14:45)	2.74 (7:00)	8.53	14.16 (14:45)	3.00 (6:45)	8.21	16.21 (15:00)	0.36 (5:45)	8.08	15.31 (15:15)	0.73 (6:30)
10	6.84	10.82 (14:00)	4.14 (24:00)	7.53	11.73 (14:00)	4.69 (7:15)	7.35	13.63 (14:15)	3.42 (24:00)	7.37	12.96 (13:45)	3.55 (0:30)
11	5.03	9.04 (14:30)	1.52 (6:15)	5.73	9.92 (14:30)	1.72 (5:15)	5.40	11.56 (14:30)	-1.31 (6:00)	5.47	11.03 (14:15)	-0.93 (5:45)
12	5.43	10.43 (15:30)	0.56 (7:00)	5.80	11.30 (15:30)	-0.46 (7:00)	5.33	13.52 (16:00)	-2.96 (5:15)	5.34	12.75 (15:30)	-2.38 (5:30)
13	6.66	13.33 (16:00)	-0.59 (6:45)	6.99	14.07 (16:00)	-0.78 (6:45)	6.27	16.27 (15:15)	-3.71 (6:30)	6.29	15.35 (14:15)	-2.73 (6:30)
14	8.22	14.68 (15:15)	1.73 (6:30)	8.42	15.43 (15:15)	1.27 (6:30)	7.91	17.80 (15:30)	-1.02 (6:00)	7.81	16.94 (15:00)	-0.98 (6:30)
15	9.17	15.34 (16:00)	2.44 (7:15)	9.47	16.09 (16:00)	1.52 (7:00)	9.04	18.18 (14:30)	-0.62 (5:45)	8.96	17.19 (14:30)	-0.12 (5:30)
16	9.58	13.96 (15:45)	4.10 (7:15)	10.21	14.90 (15:45)	4.74 (7:15)	10.31	16.21 (15:30)	3.06 (6:45)	10.30	16.20 (15:15)	3.28 (6:45)
17	9.52	12.83 (15:00)	5.29 (23:45)	9.97	13.52 (15:00)	5.52 (24:00)	9.94	14.73 (15:00)	4.38 (24:00)	9.38	13.94 (14:45)	4.28 (24:00)
18	8.19	13.12 (15:30)	2.96 (5:15)	8.67	14.06 (15:30)	2.71 (6:15)	8.19	15.30 (15:30)	0.70 (6:15)	8.12	15.09 (15:30)	0.47 (6:30)
19	8.53	14.24 (16:15)	3.67 (6:30)	9.07	14.97 (16:15)	3.71 (5:30)	9.06	17.99 (16:15)	0.71 (6:15)	8.68	16.35 (16:00)	1.11 (6:30)
20	8.76	13.35 (16:00)	4.21 (6:45)	9.29	14.21 (16:00)	4.23 (6:45)	9.14	16.28 (16:15)	2.69 (6:00)	8.89	15.58 (16:00)	2.37 (5:45)
21	8.17	13.26 (15:45)	2.87 (6:15)	8.75	14.30 (15:45)	3.41 (5:00)	8.29	15.72 (15:45)	1.61 (5:15)	8.17	15.60 (13:45)	1.24 (6:30)
22	10.75	16.70 (15:30)	4.98 (6:45)	11.22	17.59 (15:30)	4.25 (6:45)	10.70	18.96 (15:30)	2.16 (4:30)	10.49	18.90 (15:30)	2.07 (6:30)
23	12.44	19.36 (16:15)	5.33 (6:30)	12.81	20.09 (16:30)	4.67 (6:15)	12.42	22.14 (15:15)	2.23 (6:15)	12.28	21.65 (15:30)	2.32 (6:15)
24	13.45	19.87 (15:30)	5.85 (7:30)	13.73	20.73 (15:00)	5.56 (6:15)	13.31	22.64 (15:15)	3.06 (6:00)	13.23	22.29 (15:30)	3.51 (6:15)
25	15.17	20.83 (16:30)	9.48 (5:45)	15.33	21.56 (16:30)	9.01 (7:00)	15.45	24.37 (14:45)	7.61 (6:00)	15.05	23.16 (15:45)	7.53 (5:45)
26	16.90	22.58 (16:15)	10.38 (6:00)	17.17	23.30 (15:15)	10.32 (6:15)	17.19	25.37 (15:30)	8.57 (6:15)	16.80	24.75 (15:45)	8.49 (6:15)
27	18.63	25.13 (17:45)	13.38 (4:45)	18.86	25.73 (17:30)	12.86 (4:30)	19.41	28.30 (16:45)	12.27 (3:30)	18.74	27.20 (17:00)	11.69 (3:30)
28	17.66	21.80 (15:30)	12.95 (6:45)	17.95	22.34 (15:30)	12.79 (6:45)	18.17	23.47 (16:30)	12.52 (6:30)	17.67	23.30 (15:30)	11.85 (5:45)
29	15.36	17.07 (0:15)	13.37 (16:15)	15.74	17.40 (0:15)	13.87 (15:15)	15.31	17.56 (11:30)	13.55 (17:00)	15.07	17.37 (11:30)	13.69 (16:45)
30	15.11	16.67 (14:45)	13.43 (24:00)	15.59	17.30 (14:45)	13.97 (23:45)	15.75	17.83 (14:45)	14.57 (9:15)	15.30	17.16 (14:45)	13.98 (24:00)
월	9.69	25.13 (4/27)	-1.08 (4/4)	10.14	25.73 (4/27)	-1.39 (4/4)	9.95	28.30 (4/27)	-4.11 (4/4)	9.75	27.20 (4/27)	-3.52 (4/4)

표 7. 계속 (Continued): 기온의 월간 통계값 (1996년 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	12.53	14.46 (15:45)	11.59 (8:15)	13.13	15.14 (15:45)	12.15 (7:45)	13.83	16.01 (15:30)	12.60 (23:30)	13.13	15.22 (15:15)	11.96 (23:45)
2	15.48	21.24 (16:00)	11.11 (1:00)	16.07	21.93 (15:15)	11.70 (1:15)	16.40	23.79 (16:00)	11.17 (23:00)	16.05	23.07 (15:45)	10.79 (23:30)
3	16.76	24.19 (16:30)	9.12 (5:00)	16.96	24.73 (16:30)	8.72 (5:15)	16.45	25.40 (15:00)	7.36 (5:45)	16.09	25.10 (16:15)	7.49 (5:15)
4	13.36	19.47 (0:30)	11.30 (14:15)	13.78	19.44 (0:15)	11.90 (14:30)	13.41	17.75 (0:15)	11.54 (7:30)	13.00	16.78 (0:15)	11.02 (21:30)
5	13.36	17.43 (16:00)	10.02 (7:30)	13.79	18.09 (16:00)	9.88 (6:00)	13.44	20.30 (14:30)	7.96 (24:00)	13.57	19.37 (16:00)	7.93 (24:00)
6	13.17	20.30 (16:15)	6.63 (6:00)	13.40	21.06 (16:15)	6.72 (6:00)	13.33	23.39 (16:30)	5.08 (4:45)	13.00	22.36 (16:15)	5.11 (4:45)
7	15.34	19.37 (14:45)	12.01 (4:00)	15.77	20.06 (14:45)	12.18 (3:00)	15.98	22.19 (14:45)	11.07 (3:30)	15.71	21.40 (14:45)	10.76 (4:45)
8	14.20	18.74 (16:30)	11.06 (24:00)	14.81	19.41 (16:30)	11.22 (24:00)	15.45	20.59 (16:45)	10.43 (24:00)	15.02	20.22 (16:30)	10.26 (23:45)
9	13.73	20.21 (15:00)	8.73 (6:00)	14.32	21.05 (15:00)	9.07 (6:30)	14.23	22.24 (15:30)	8.25 (5:00)	14.03	22.03 (14:30)	7.23 (6:00)
10	15.50	22.14 (17:00)	8.32 (4:00)	16.04	22.78 (17:00)	8.91 (4:00)	16.32	23.70 (16:15)	8.00 (5:00)	15.94	23.56 (16:15)	6.89 (5:45)
11	14.96	19.57 (13:45)	10.63 (24:00)	15.55	20.46 (14:30)	11.07 (24:00)	15.89	22.50 (13:45)	9.16 (23:45)	15.65	21.98 (13:45)	9.02 (23:45)
12	13.81	20.28 (16:15)	8.44 (7:30)	14.26	20.99 (16:15)	8.44 (5:45)	14.74	23.48 (16:15)	7.54 (6:00)	14.08	22.35 (16:15)	6.83 (5:45)
13	15.74	22.01 (17:30)	9.03 (6:45)	16.10	22.48 (17:30)	9.22 (6:45)	16.16	24.60 (15:00)	7.87 (5:15)	15.56	23.36 (15:00)	7.40 (5:15)
14	17.28	21.44 (17:00)	13.44 (5:30)	17.72	22.01 (17:00)	13.83 (5:45)	18.12	24.63 (16:00)	12.49 (2:30)	17.60	23.35 (16:00)	11.53 (2:30)
15	18.24	24.76 (16:30)	12.25 (6:15)	18.65	25.30 (16:30)	12.61 (6:00)	19.14	28.84 (15:30)	11.05 (6:00)	18.45	27.02 (16:00)	10.64 (5:45)
16	19.29	26.46 (16:15)	12.02 (6:00)	19.49	26.99 (16:15)	11.68 (6:00)	19.77	29.46 (16:00)	10.97 (6:00)	19.14	28.33 (15:45)	10.44 (6:00)
17	20.20	26.70 (17:15)	12.51 (6:30)	20.04	27.21 (17:15)	11.62 (6:15)	19.76	28.51 (17:15)	9.67 (5:45)	19.32	27.65 (17:00)	9.83 (6:00)
18	21.00	26.78 (15:30)	14.41 (6:30)	20.93	27.38 (15:30)	14.03 (6:00)	20.98	30.43 (14:30)	12.63 (5:30)	20.38	28.82 (15:15)	12.22 (6:00)
19	17.74	22.22 (13:15)	13.43 (6:45)	18.03	22.90 (13:15)	13.16 (6:15)	17.85	24.69 (12:45)	10.69 (5:45)	17.41	23.79 (12:45)	10.97 (5:30)
20	17.52	19.54 (14:45)	15.84 (24:00)	17.80	20.04 (14:45)	15.23 (5:00)	17.64	20.46 (14:45)	14.98 (5:45)	17.18	20.04 (14:45)	14.06 (5:30)
21	17.39	21.65 (15:45)	13.53 (23:45)	17.87	22.28 (15:45)	13.67 (24:00)	18.45	23.98 (14:30)	12.43 (24:00)	17.75	23.33 (15:30)	11.76 (24:00)
22	16.45	21.81 (17:00)	10.26 (6:45)	16.74	22.40 (16:30)	10.35 (6:30)	16.91	24.93 (16:45)	8.38 (5:45)	16.44	23.82 (16:15)	8.35 (5:30)
23	17.76	23.74 (17:15)	11.26 (6:30)	18.12	24.24 (17:00)	11.79 (5:45)	18.71	26.46 (16:15)	11.12 (5:45)	17.99	25.40 (16:30)	10.01 (5:45)
24	19.64	26.29 (16:45)	13.18 (6:45)	19.82	26.80 (16:45)	12.75 (6:30)	20.51	29.72 (15:00)	12.29 (5:15)	19.64	28.35 (15:45)	11.56 (5:15)
25	20.00	26.46 (16:15)	13.54 (7:00)	20.06	26.99 (16:15)	12.74 (6:45)	20.28	29.55 (15:30)	11.33 (5:00)	19.59	28.30 (16:00)	10.94 (5:00)
26	19.14	24.00 (16:30)	13.52 (6:15)	19.32	24.91 (15:15)	13.45 (6:00)	19.37	27.48 (14:00)	12.09 (6:00)	18.71	26.35 (13:45)	11.53 (6:00)
27	19.08	24.00 (16:30)	13.10 (6:15)	19.22	24.59 (16:30)	13.23 (6:15)	19.63	27.69 (16:30)	12.25 (6:00)	18.64	26.19 (16:30)	11.46 (6:00)
28	20.56	23.43 (15:00)	18.18 (7:15)	20.85	26.01 (17:30)	15.06 (5:15)	21.25	28.32 (16:15)	14.70 (5:45)	20.71	26.21 (14:30)	16.89 (24:00)
29	19.93	23.93 (15:30)	16.33 (6:15)	20.27	24.08 (14:30)	16.05 (4:45)	21.01	27.25 (15:45)	16.26 (6:00)	20.22	25.86 (15:30)	15.24 (5:30)
30	21.82	27.97 (17:15)	16.08 (4:30)	22.17	28.38 (17:15)	16.53 (4:30)	23.14	30.88 (17:45)	16.06 (5:45)	22.03	29.89 (16:45)	14.74 (5:45)
월	17.15	27.97 (5/31)	6.63 (5/6)	17.48	28.38 (5/31)	6.72 (5/6)	17.74	30.88 (5/31)	5.08 (5/6)	17.18	29.89 (5/31)	5.11 (5/6)

표 7. 계속 (Continued): 기온의 월간 통계값 (1996년 6월)

높이 일	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	23.85	30.10 (18:15)	17.59 (6:45)	24.13	30.54 (18:15)	17.84 (6:30)	25.29	33.88 (16:45)	18.29 (5:30)	24.26	32.36 (16:45)	17.30 (6:00)
2	22.82	27.83 (15:45)	18.23 (6:45)	23.09	28.38 (15:45)	18.29 (6:15)	23.90	31.34 (14:30)	17.73 (4:45)	23.14	29.97 (14:30)	17.15 (5:30)
3	19.40	20.52 (17:45)	18.27 (7:15)	19.89	21.06 (17:45)	18.81 (6:00)	20.46	22.25 (13:30)	19.13 (23:15)	19.74	21.62 (14:00)	18.24 (22:45)
4	21.27	25.77 (16:00)	17.23 (7:45)	21.58	26.34 (14:45)	17.54 (4:00)	22.21	29.32 (15:45)	17.25 (24:00)	21.28	27.82 (15:00)	16.54 (4:15)
5	21.72	26.91 (17:15)	16.80 (5:45)	21.80	27.59 (15:45)	16.10 (5:15)	21.92	30.44 (15:15)	13.92 (5:00)	21.15	29.34 (15:15)	13.34 (5:00)
6	22.40	27.27 (14:45)	16.51 (7:15)	22.66	27.91 (14:45)	16.13 (6:00)	23.04	31.35 (15:00)	14.19 (6:00)	22.43	29.74 (14:45)	14.00 (6:00)
7	18.22	22.44 (0:15)	16.18 (13:15)	18.54	22.54 (0:15)	16.71 (13:15)	18.75	21.86 (0:15)	17.20 (13:15)	18.19	21.39 (0:15)	16.90 (13:15)
8	20.59	25.02 (18:15)	16.81 (0:45)	21.01	25.50 (17:00)	17.30 (3:00)	22.24	28.77 (17:15)	17.89 (1:00)	21.16	27.19 (17:00)	17.09 (0:45)
9	22.54	26.89 (16:15)	19.08 (6:15)	22.90	27.37 (16:30)	19.09 (5:00)	23.92	30.97 (15:15)	18.69 (5:15)	23.05	29.22 (15:45)	17.99 (5:45)
10	19.48	20.71 (0:15)	18.20 (10:00)	19.97	21.25 (0:15)	18.75 (10:00)	20.96	22.49 (15:15)	19.55 (7:00)	20.20	21.55 (15:00)	18.97 (7:15)
11	21.09	24.02 (16:45)	18.73 (6:45)	21.54	24.50 (17:00)	19.08 (7:00)	22.63	27.16 (15:15)	19.69 (6:00)	21.56	25.48 (14:45)	18.60 (6:00)
12	21.85	24.47 (18:30)	18.87 (5:00)	22.25	24.87 (15:45)	19.15 (5:15)	23.00	28.04 (15:45)	19.57 (4:00)	22.04	25.85 (16:15)	18.53 (2:00)
13	23.77	27.25 (16:30)	20.73 (6:15)	24.16	27.67 (16:30)	21.17 (6:15)	25.26	30.83 (15:00)	21.46 (24:00)	24.32	29.19 (14:45)	20.60 (3:00)
14	22.03	24.83 (16:15)	18.54 (6:00)	22.42	25.26 (16:15)	18.88 (5:45)	23.13	27.82 (14:30)	18.89 (5:45)	22.47	26.34 (14:45)	17.99 (5:00)
15	23.61	27.30 (17:30)	20.15 (5:00)	23.99	27.62 (17:15)	20.00 (6:00)	25.00	30.43 (15:45)	19.49 (5:45)	24.15	28.67 (15:45)	18.63 (5:45)
16	23.95	27.85 (17:00)	20.43 (24:00)	24.30	28.19 (15:15)	20.94 (24:00)	25.16	30.34 (15:30)	21.14 (4:00)	24.27	29.29 (16:00)	20.53 (4:00)
17	20.72	23.03 (17:15)	13.27 (19:00)	21.34	22.24 (19:30)	20.52 (24:00)	21.82	22.68 (18:15)	20.61 (24:00)	21.24	22.01 (18:30)	20.34 (24:00)
18	18.46	21.94 (18:30)	14.88 (9:00)	18.95	22.28 (18:15)	15.65 (9:00)	19.30	24.16 (16:00)	15.50 (9:00)	18.71	22.99 (18:00)	15.52 (9:00)
19	20.61	24.88 (16:15)	17.16 (2:30)	21.09	25.40 (16:15)	17.44 (2:30)	21.83	28.38 (16:15)	16.93 (2:45)	21.13	26.81 (16:15)	15.84 (1:15)
20	20.08	21.14 (18:15)	19.10 (14:00)	20.54	21.52 (18:15)	19.64 (14:00)	20.90	22.11 (18:30)	19.65 (4:00)	20.40	21.50 (11:30)	19.10 (5:30)
21	22.67	25.82 (13:30)	20.30 (0:15)	23.20	26.31 (13:30)	20.66 (0:15)	23.68	27.39 (13:30)	20.97 (0:15)	23.17	26.92 (13:15)	20.18 (0:45)
22	22.77	25.79 (17:15)	20.40 (6:45)	23.07	26.14 (17:00)	20.87 (24:00)	23.40	27.59 (1:30)	20.39 (24:00)	22.88	26.90 (14:15)	20.19 (24:00)
23	20.45	20.84 (0:15)	19.87 (3:00)	20.86	21.18 (0:15)	20.21 (3:00)	20.64	20.94 (1:30)	20.21 (3:00)	20.22	20.51 (1:15)	19.76 (3:00)
24	9999.999999	(: :)9999.99 (: :)	9999.999999	(: :)9999.99 (: :)	9999.999999	(: :)9999.99 (: :)	9999.999999	(: :)9999.99 (: :)	9999.999999	(: :)9999.999999	(: :)9999.999999	(: :)9999.999999
25	9999.999999	(: :)9999.99 (: :)	9999.999999	(: :)9999.99 (: :)	9999.999999	(: :)9999.99 (: :)	9999.999999	(: :)9999.99 (: :)	9999.999999	(: :)9999.999999	(: :)9999.999999	(: :)9999.999999
26	21.22	22.80 (17:45)	17.88 (10:00)	21.63	23.33 (17:45)	18.65 (10:00)	22.90	25.78 (16:30)	19.53 (24:00)	21.82	24.61 (17:15)	18.52 (24:00)
27	18.45	19.72 (0:15)	17.08 (13:15)	18.92	19.82 (0:15)	17.69 (12:45)	19.51	20.35 (5:00)	18.43 (12:30)	18.81	19.64 (9:45)	18.02 (12:30)
28	20.72	22.32 (16:15)	18.52 (3:00)	21.17	22.90 (16:15)	18.90 (0:45)	22.11	24.86 (11:30)	19.65 (0:30)	21.11	23.35 (16:00)	18.60 (0:15)
29	21.94	26.58 (15:00)	18.80 (23:00)	22.30	26.82 (15:00)	19.30 (23:00)	22.54	26.98 (15:00)	19.59 (22:45)	21.90	26.08 (14:45)	19.19 (23:00)
30	21.80	24.63 (15:30)	18.71 (5:30)	22.26	25.00 (15:30)	19.24 (5:30)	22.70	25.61 (15:15)	19.05 (5:45)	22.14	25.00 (15:30)	18.47 (5:45)
월	21.41	30.10 (6/1)	13.27 (6/17)	21.80	30.54 (6/1)	15.60 (6/18)	22.49	33.88 (6/1)	13.92 (6/5)	21.72	32.36 (6/1)	13.34 (6/5)

표 7. 계속 (Continued): 기온의 월간 통계값 (1996년 7월)

일	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	22.85	27.47 (15:45)	20.18 (22:45)	23.37	27.95 (15:45)	20.75 (22:45)	24.18	30.43 (15:15)	20.90 (23:15)	23.63	28.96 (15:45)	20.55 (24:00)
2	22.74	26.98 (16:30)	19.73 (6:15)	23.19	27.43 (16:30)	20.21 (6:45)	24.07	29.91 (16:00)	20.16 (1:15)	23.40	28.65 (17:00)	19.46 (1:15)
3	24.06	27.17 (17:00)	20.93 (6:45)	24.39	27.59 (17:00)	21.46 (6:30)	25.53	30.80 (14:30)	21.37 (1:45)	24.43	29.05 (17:00)	20.55 (1:30)
4	20.77	22.96 (0:15)	19.73 (16:45)	21.25	23.29 (0:15)	20.25 (17:45)	21.53	22.70 (0:15)	20.65 (17:00)	21.75	21.93 (0:15)	20.52 (16:45)
5	22.15	25.96 (17:30)	18.18 (7:00)	22.55	26.32 (17:30)	19.04 (7:15)	23.71	30.20 (16:15)	19.37 (6:45)	22.15	28.22 (16:45)	18.83 (7:00)
6	23.19	27.04 (16:45)	20.19 (4:15)	23.56	27.43 (16:45)	20.62 (3:45)	24.43	30.57 (15:45)	20.95 (5:30)	23.98	28.55 (15:45)	20.06 (5:30)
7	20.56	23.87 (17:15)	17.14 (5:15)	21.07	24.42 (17:00)	17.57 (5:15)	21.72	26.72 (16:45)	17.11 (5:15)	21.57	25.70 (16:15)	17.24 (6:00)
8	20.38	24.80 (16:45)	15.74 (5:45)	20.76	25.30 (16:45)	16.02 (5:45)	21.31	28.73 (16:15)	14.97 (5:15)	20.92	26.96 (15:30)	14.30 (5:00)
9	20.11	23.68 (18:00)	16.49 (5:15)	20.54	24.20 (18:00)	16.34 (6:00)	21.06	26.77 (17:00)	14.33 (6:00)	20.64	25.73 (17:00)	13.90 (6:00)
10	19.52	23.47 (16:30)	15.80 (4:45)	20.01	24.03 (16:30)	16.07 (5:15)	20.62	26.82 (15:45)	15.28 (5:15)	20.41	25.61 (16:30)	15.17 (5:15)
11	20.60	23.25 (14:00)	18.46 (7:00)	20.99	23.82 (14:00)	18.44 (6:15)	21.44	26.19 (14:00)	17.71 (6:15)	21.17	25.54 (14:00)	17.59 (6:00)
12	18.76	19.85 (11:30)	17.61 (18:45)	19.19	20.32 (11:30)	18.13 (24:00)	19.39	21.60 (10:15)	18.07 (18:45)	19.16	21.10 (12:00)	17.88 (4:00)
13	21.34	25.50 (17:15)	17.38 (1:00)	21.87	26.09 (17:15)	17.91 (1:00)	23.03	28.88 (13:30)	18.14 (0:30)	22.24	27.04 (17:15)	17.82 (3:00)
14	22.57	25.85 (17:30)	20.33 (8:00)	22.98	26.32 (17:30)	20.96 (8:00)	23.63	29.72 (17:30)	21.44 (24:00)	23.01	28.36 (17:30)	20.98 (24:00)
15	24.09	28.97 (17:15)	20.86 (6:45)	24.41	29.23 (17:15)	21.21 (3:15)	24.93	30.88 (17:15)	21.22 (0:45)	24.27	29.14 (17:00)	20.63 (1:45)
16	23.29	27.41 (0:30)	20.24 (9:15)	23.60	27.75 (0:30)	20.87 (9:15)	23.63	27.55 (16:30)	20.50 (9:15)	23.24	27.22 (0:15)	20.76 (9:15)
17	25.72	30.79 (16:15)	20.74 (3:15)	25.97	31.01 (16:15)	21.16 (3:00)	26.54	32.97 (16:30)	21.19 (3:30)	25.81	31.68 (16:30)	20.83 (4:00)
18	27.35	31.96 (14:30)	22.63 (6:45)	27.51	32.48 (14:30)	22.27 (6:30)	28.54	36.37 (14:45)	22.59 (5:30)	27.98	34.08 (14:30)	21.79 (5:45)
19	26.50	29.79 (14:45)	23.39 (6:15)	26.82	30.31 (14:45)	23.68 (6:15)	27.94	33.74 (15:00)	23.78 (5:45)	27.14	32.06 (14:45)	23.17 (5:45)
20	26.32	29.19 (17:30)	24.28 (6:00)	26.67	29.55 (17:30)	24.58 (4:45)	27.26	31.05 (17:30)	24.71 (4:00)	26.60	30.27 (17:30)	24.17 (4:45)
21	24.48	26.74 (11:00)	22.58 (6:00)	24.84	27.20 (11:15)	22.78 (6:00)	25.37	29.10 (10:30)	22.91 (6:00)	24.76	27.86 (11:00)	22.51 (5:45)
22	24.31	26.15 (16:30)	23.11 (0:30)	24.78	26.77 (16:30)	23.54 (0:45)	25.26	28.78 (16:45)	23.02 (23:00)	24.67	27.50 (16:30)	22.42 (23:00)
23	25.62	29.17 (16:45)	22.34 (7:00)	25.97	29.58 (16:30)	22.62 (5:45)	27.29	33.12 (16:45)	23.12 (6:00)	26.11	31.12 (16:45)	22.23 (1:15)
24	27.40	30.32 (15:30)	25.40 (5:45)	27.68	30.60 (15:30)	25.52 (23:30)	28.02	32.20 (15:30)	24.48 (24:00)	27.44	31.26 (14:45)	24.05 (23:45)
25	27.41	30.49 (15:15)	24.73 (4:45)	27.67	30.86 (15:15)	24.98 (4:30)	27.75	32.51 (15:30)	23.81 (4:00)	27.08	31.64 (15:15)	23.03 (6:00)
26	27.24	30.27 (15:00)	25.15 (6:15)	27.51	30.59 (15:00)	25.29 (6:15)	27.78	32.40 (14:00)	24.81 (4:45)	27.20	31.31 (14:00)	24.25 (3:45)
27	26.54	30.29 (14:15)	24.51 (4:45)	26.79	30.76 (14:15)	24.47 (6:30)	27.40	33.03 (14:30)	24.28 (5:30)	26.79	31.89 (14:15)	23.80 (6:15)
28	26.88	30.36 (16:00)	24.18 (7:15)	27.13	30.88 (16:00)	24.62 (4:15)	28.02	33.20 (14:45)	25.16 (5:45)	27.17	31.61 (14:45)	24.19 (5:45)
29	27.62	31.59 (15:30)	24.48 (7:00)	28.19	31.94 (15:30)	24.99 (7:00)	28.99	34.44 (16:45)	25.16 (5:45)	28.20	33.05 (16:15)	24.60 (5:45)
30	27.62	30.60 (14:00)	24.69 (5:45)	27.89	31.10 (14:00)	24.98 (6:00)	28.82	34.45 (16:15)	24.40 (24:00)	27.82	32.71 (16:00)	23.79 (6:00)
31	27.95	31.85 (17:00)	23.70 (6:45)	28.13	32.17 (16:00)	24.00 (5:45)	29.38	35.86 (14:30)	23.57 (6:15)	28.37	33.93 (16:30)	22.94 (6:15)
월	24.07	31.96 (7/18)	15.74 (7/8)	24.43	32.48 (7/18)	16.02 (7/8)	25.12	36.37 (7/18)	14.33 (7/9)	24.46	34.08 (7/18)	13.90 (7/9)

표 7. 계속 (Continued): 기온의 월간 통계값 (1996년 8월)

높이 일	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	28.82	32.70 (17:00)	25.21 (5:45)	28.95	33.04 (17:00)	25.20 (5:30)	29.96	37.19 (14:15)	24.28 (3:30)	29.06	34.84 (14:15)	23.95 (5:45)
2	28.98	33.16 (16:30)	25.22 (5:00)	29.16	33.47 (16:30)	25.42 (5:15)	30.32	37.03 (15:15)	25.17 (5:30)	29.34	35.06 (16:45)	24.76 (5:30)
3	28.62	32.01 (15:15)	25.17 (6:15)	28.84	32.36 (15:15)	25.28 (6:00)	29.93	35.62 (13:00)	24.92 (6:00)	29.02	34.15 (16:45)	24.47 (6:00)
4	26.92	30.16 (13:15)	24.84 (6:15)	27.24	30.72 (13:15)	25.01 (5:45)	27.88	33.74 (15:00)	24.34 (5:45)	27.22	32.60 (13:15)	23.93 (5:45)
5	26.71	28.95 (16:15)	24.38 (6:15)	27.10	29.51 (16:15)	24.68 (2:15)	27.93	32.17 (14:00)	24.69 (2:15)	27.32	31.49 (13:45)	24.22 (2:00)
6	27.33	30.96 (16:15)	23.93 (6:00)	27.46	31.42 (16:00)	24.02 (6:30)	28.28	35.17 (16:15)	23.33 (6:30)	27.26	33.06 (16:00)	22.99 (6:15)
7	26.37	29.31 (16:30)	23.52 (6:30)	26.57	29.71 (16:30)	23.73 (6:30)	27.32	32.29 (16:30)	23.42 (6:30)	26.63	31.05 (16:30)	22.74 (6:15)
8	26.62	29.45 (14:15)	24.42 (6:45)	26.87	29.98 (14:15)	24.42 (6:45)	27.68	34.00 (14:30)	23.73 (24:00)	26.86	32.00 (14:15)	23.27 (24:00)
9	26.79	30.55 (17:45)	22.90 (3:45)	27.03	30.96 (15:15)	23.14 (3:45)	27.97	34.84 (14:45)	22.87 (3:45)	27.13	32.74 (14:45)	22.44 (4:00)
10	27.92	30.93 (16:00)	25.34 (7:00)	28.11	31.32 (16:00)	25.53 (6:45)	28.65	33.70 (14:15)	24.87 (6:15)	28.02	32.34 (15:45)	24.02 (6:00)
11	27.57	31.16 (17:00)	24.30 (7:00)	27.83	31.54 (17:15)	24.48 (6:30)	28.90	35.18 (14:00)	23.62 (6:30)	28.10	33.40 (14:30)	23.09 (6:15)
12	28.23	31.90 (17:00)	24.79 (6:15)	28.41	32.20 (17:00)	24.75 (6:15)	29.74	36.36 (15:30)	24.14 (6:15)	28.81	34.31 (17:00)	23.58 (6:00)
13	28.12	32.54 (17:00)	24.53 (7:15)	28.43	32.94 (17:15)	25.04 (7:00)	29.61	36.71 (16:45)	25.31 (7:00)	28.84	34.60 (14:30)	24.91 (6:15)
14	27.62	31.66 (16:00)	24.78 (24:00)	27.90	32.07 (16:00)	25.12 (4:00)	28.96	35.69 (16:15)	24.65 (4:15)	28.31	34.18 (16:00)	23.97 (4:15)
15	25.06	28.65 (15:45)	21.69 (6:45)	25.51	29.19 (15:45)	22.25 (6:30)	26.33	32.17 (16:30)	22.16 (6:30)	25.89	30.92 (15:45)	21.52 (23:45)
16	24.75	28.63 (16:15)	20.76 (5:00)	24.97	29.22 (15:45)	20.61 (4:45)	25.90	33.03 (15:30)	19.74 (4:30)	25.03	31.26 (15:15)	19.35 (6:15)
17	25.56	30.18 (17:00)	20.14 (7:15)	25.67	30.66 (15:45)	20.11 (6:15)	26.32	34.43 (15:45)	19.00 (5:30)	25.51	32.60 (15:30)	18.86 (6:00)
18	26.48	30.75 (16:30)	22.14 (5:15)	26.65	31.17 (16:30)	22.07 (6:45)	27.24	34.88 (15:00)	21.82 (21:00)	26.46	32.81 (14:45)	21.21 (6:30)
19	26.02	30.67 (16:45)	22.13 (20:30)	26.21	31.07 (16:00)	22.40 (23:45)	27.24	34.88 (15:00)	21.82 (21:00)	26.46	32.81 (14:45)	21.21 (6:30)
20	25.66	29.58 (15:15)	22.28 (2:00)	25.81	30.01 (15:15)	22.25 (2:00)	26.68	32.85 (15:15)	22.07 (6:30)	25.94	31.49 (15:15)	21.37 (6:15)
21	25.78	28.77 (16:15)	23.52 (6:15)	25.98	29.18 (16:15)	23.94 (6:15)	26.70	32.56 (16:15)	23.84 (4:00)	25.95	30.64 (16:15)	23.35 (5:45)
22	26.15	29.29 (15:30)	23.43 (24:00)	26.47	29.77 (15:30)	23.78 (24:00)	27.08	31.67 (15:00)	22.99 (23:15)	26.28	30.94 (15:30)	22.54 (24:00)
23	22.73	25.41 (12:45)	20.74 (7:30)	23.14	25.98 (12:30)	21.20 (7:30)	23.64	29.04 (12:45)	20.94 (6:15)	23.14	27.66 (12:30)	20.44 (6:15)
24	22.46	24.54 (16:30)	21.12 (24:00)	22.98	25.10 (16:30)	21.64 (24:00)	23.40	27.25 (16:00)	21.33 (0:15)	23.08	26.54 (15:45)	21.09 (0:15)
25	21.43	22.61 (17:45)	20.12 (7:00)	21.86	23.11 (17:45)	20.44 (7:15)	22.06	23.91 (11:15)	20.26 (7:00)	21.85	23.57 (11:00)	20.06 (7:00)
26	19.00	21.50 (0:15)	18.10 (8:15)	19.49	21.87 (0:15)	18.62 (8:15)	19.67	21.80 (0:15)	18.55 (3:30)	19.52	21.52 (0:15)	18.61 (7:15)
27	19.29	21.37 (22:45)	18.66 (11:00)	19.76	20.47 (23:00)	19.21 (0:30)	20.15	20.85 (18:15)	18.50 (11:45)	19.74	20.34 (17:45)	19.31 (11:30)
28	19.82	21.77 (13:00)	18.94 (21:00)	20.27	22.00 (13:00)	19.15 (23:15)	20.79	23.50 (18:00)	18.58 (24:00)	20.17	22.66 (13:00)	18.04 (23:45)
29	22.36	26.51 (15:45)	18.05 (5:45)	22.99	27.03 (15:45)	18.12 (6:00)	23.46	30.72 (15:45)	17.64 (6:15)	22.47	28.54 (15:45)	17.04 (6:30)
30	20.07	21.74 (14:00)	18.12 (2:30)	20.48	22.31 (14:00)	18.71 (2:30)	20.51	23.34 (14:00)	18.60 (1:15)	20.21	23.01 (13:45)	18.57 (3:45)
31	21.30	24.57 (16:45)	18.67 (8:15)	21.47	25.09 (16:45)	19.06 (8:15)	21.64	28.78 (16:45)	18.12 (23:45)	21.03	26.64 (16:45)	18.04 (24:00)
월	25.18	33.16 (8/2)	18.05 (8/29)	25.46	33.47 (8/2)	18.12 (8/29)	26.20	37.19 (8/1)	17.64 (8/29)	25.51	35.06 (8/2)	17.04 (8/29)

표 7. 계속 (Continued): 기온의 월간 통계값 (1996년 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	21.53	25.96 (16:30)	16.92 (7:00)	21.74	26.47 (16:30)	17.06 (6:45)	22.26	29.68 (16:30)	16.61 (6:15)	21.33	27.58 (16:15)	16.13 (6:15)
2	21.77	26.64 (17:00)	17.04 (5:45)	21.81	27.15 (17:00)	17.26 (5:45)	22.17	31.33 (15:30)	16.66 (5:15)	21.32	28.74 (15:30)	16.20 (5:00)
3	22.06	27.52 (16:15)	16.85 (7:15)	22.22	28.04 (16:15)	16.77 (6:45)	22.69	31.39 (16:00)	15.84 (6:00)	22.01	29.83 (16:00)	15.43 (6:15)
4	21.31	24.42 (12:15)	17.85 (6:15)	21.60	24.91 (12:15)	17.82 (6:45)	22.03	28.13 (12:30)	16.98 (6:00)	21.58	26.46 (12:15)	16.49 (6:15)
5	19.93	22.45 (12:30)	17.38 (7:30)	20.21	22.85 (12:30)	17.48 (7:30)	20.52	25.75 (12:45)	16.88 (6:30)	20.03	24.54 (12:30)	16.21 (6:15)
6	18.96	20.31 (14:30)	17.45 (24:00)	19.26	20.85 (14:30)	17.57 (23:00)	19.33	22.26 (14:30)	15.61 (23:15)	19.05	21.72 (14:15)	15.72 (23:30)
7	20.75	26.87 (16:15)	15.61 (6:15)	21.01	27.46 (15:45)	16.00 (3:30)	21.55	30.73 (15:45)	15.78 (2:15)	20.58	28.61 (15:45)	15.39 (1:45)
8	21.75	26.49 (14:45)	18.63 (5:15)	21.92	27.08 (14:45)	18.20 (6:15)	22.02	30.73 (14:45)	16.26 (6:45)	21.58	29.15 (14:45)	15.99 (6:45)
9	19.12	21.95 (16:00)	16.56 (9:15)	19.36	22.42 (16:00)	17.18 (9:15)	19.59	25.93 (16:15)	17.13 (9:15)	19.19	23.96 (16:00)	16.88 (8:00)
10	20.23	24.33 (15:15)	17.03 (7:30)	20.69	24.79 (15:00)	17.22 (6:45)	21.03	27.61 (14:15)	16.81 (24:00)	20.29	26.40 (15:00)	16.26 (6:00)
11	20.23	25.03 (16:00)	15.89 (7:15)	20.37	25.53 (16:15)	15.83 (5:45)	20.67	28.39 (15:30)	15.62 (5:15)	19.85	26.94 (15:15)	15.17 (5:45)
12	20.92	25.12 (14:15)	16.21 (7:30)	21.03	25.66 (14:00)	16.62 (7:00)	21.47	28.55 (13:45)	16.57 (5:30)	20.63	26.94 (13:15)	15.87 (5:15)
13	21.51	25.99 (16:30)	17.67 (8:00)	21.75	26.54 (16:30)	17.23 (7:00)	22.20	29.71 (16:00)	16.69 (6:30)	21.45	28.13 (15:45)	16.18 (6:15)
14	21.23	25.88 (16:00)	15.94 (7:30)	21.19	26.41 (16:00)	15.76 (6:45)	21.40	28.83 (16:00)	15.00 (4:45)	20.54	27.75 (15:45)	14.72 (6:45)
15	19.50	20.50 (0:15)	18.66 (3:00)	19.28	20.26 (0:15)	18.68 (3:00)	18.38	19.31 (0:15)	17.91 (2:45)	18.00	18.96 (0:15)	17.50 (2:45)
16	23.85	26.08 (14:30)	21.05 (23:45)	24.20	26.64 (14:30)	20.62 (23:45)	24.42	24.42 (10:30)	24.42 (10:30)	24.50	28.08 (14:30)	19.62 (24:00)
17	21.22	24.78 (17:00)	17.63 (7:15)	21.36	25.14 (16:45)	17.78 (6:15)	9999.999999999	9999.999999999	9999.999999999	21.22	26.38 (15:00)	17.57 (4:45)
18	23.70	25.61 (15:45)	20.90 (23:45)	23.96	26.08 (16:15)	20.85 (24:00)	23.22	26.20 (15:45)	20.54 (24:00)	23.87	27.98 (14:00)	19.72 (24:00)
19	19.43	20.91 (0:15)	17.83 (11:15)	19.64	21.08 (0:15)	17.80 (24:00)	19.38	21.12 (16:45)	17.12 (24:00)	19.38	22.10 (17:00)	16.74 (24:00)
20	18.85	22.06 (15:30)	15.54 (23:30)	19.05	22.73 (15:15)	14.28 (24:00)	18.72	22.84 (15:15)	12.92 (24:00)	18.73	24.15 (14:45)	11.75 (24:00)
21	16.39	21.65 (16:30)	10.52 (7:30)	16.14	22.26 (16:30)	9.62 (7:15)	15.52	22.33 (16:00)	8.72 (7:00)	15.10	23.60 (16:00)	7.64 (6:00)
22	16.86	22.74 (15:30)	9.91 (7:15)	16.70	23.39 (15:30)	9.59 (7:30)	16.20	23.48 (15:30)	9.15 (6:45)	15.89	24.45 (16:30)	8.44 (7:00)
23	21.75	25.35 (16:30)	18.13 (24:00)	22.02	25.89 (16:30)	17.95 (23:30)	21.50	26.09 (15:45)	16.88 (24:00)	21.01	27.18 (15:45)	15.97 (24:00)
24	20.18	25.58 (15:45)	14.95 (7:15)	20.30	26.20 (15:45)	14.92 (7:30)	19.84	26.38 (15:45)	14.59 (7:00)	19.93	27.70 (15:45)	14.73 (3:45)
25	19.98	25.25 (16:45)	15.27 (6:15)	19.99	25.77 (16:45)	14.94 (5:00)	19.57	25.84 (16:30)	14.19 (5:15)	18.44	26.52 (15:45)	13.44 (24:00)
26	19.19	24.69 (16:15)	13.01 (7:00)	19.06	25.26 (15:15)	12.65 (7:00)	18.60	25.37 (15:15)	12.02 (7:00)	18.31	27.18 (15:30)	11.59 (7:00)
27	20.16	24.20 (16:15)	16.72 (6:45)	20.47	24.83 (16:30)	16.12 (6:30)	20.12	24.92 (16:15)	15.03 (6:45)	20.07	26.02 (14:45)	14.45 (7:00)
28	17.95	19.68 (16:15)	15.96 (5:45)	18.34	20.35 (16:15)	16.06 (7:00)	18.07	20.49 (15:00)	15.31 (7:00)	17.79	21.32 (15:00)	14.02 (7:00)
29	18.88	22.43 (15:30)	15.93 (6:45)	19.10	23.10 (15:30)	15.23 (6:30)	18.69	23.42 (15:30)	14.69 (6:30)	18.48	24.84 (15:00)	14.23 (6:45)
30	19.96	24.48 (15:00)	14.69 (8:00)	20.18	25.14 (15:00)	14.39 (8:15)	19.95	25.60 (14:00)	13.94 (8:15)	19.97	27.46 (14:00)	14.26 (8:15)
월	20.18	27.52 (9/3)	9.91 (9/22)	20.34	28.04 (9/3)	9.59 (9/22)	20.20	31.39 (9/3)	8.72 (9/21)	19.94	29.63 (9/3)	7.64 (9/21)

표 7. 계속 (Continued): 기온의 월간 통계값 (1996년 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	18.13	21.44 (15:45)	14.68 (6:30)	18.44	22.10 (15:45)	14.51 (6:30)	18.14	22.48 (13:45)	13.64 (7:00)	18.06	24.34 (13:15)	12.71 (6:45)
2	15.92	17.14 (12:15)	14.22 (24:00)	16.39	17.74 (12:15)	14.46 (24:00)	16.23	17.73 (11:15)	14.38 (24:00)	16.19	18.29 (11:45)	14.43 (23:00)
3	15.47	19.11 (14:45)	13.37 (10:15)	15.78	19.82 (14:45)	13.54 (9:30)	15.55	19.96 (14:45)	13.63 (6:30)	15.84	21.32 (13:45)	13.48 (6:30)
4	16.18	20.24 (15:30)	12.44 (6:30)	16.40	20.88 (15:30)	12.78 (6:00)	16.02	21.04 (15:00)	12.30 (6:00)	15.97	22.07 (15:00)	12.14 (5:30)
5	15.87	20.48 (15:00)	10.95 (7:15)	16.14	21.08 (15:15)	11.35 (7:00)	15.71	21.27 (15:00)	10.67 (5:00)	15.71	22.30 (15:00)	10.26 (5:00)
6	16.02	18.70 (13:00)	11.97 (24:00)	16.42	19.20 (13:00)	12.58 (23:30)	16.13	18.93 (13:00)	12.32 (23:30)	16.00	18.72 (13:15)	12.52 (23:30)
7	12.00	13.63 (16:45)	10.80 (8:00)	12.38	14.13 (16:30)	10.35 (7:30)	11.85	14.07 (16:15)	9.33 (7:30)	11.69	14.67 (15:15)	9.16 (6:15)
8	12.41	16.21 (16:30)	8.97 (7:15)	12.67	16.79 (16:30)	9.14 (6:30)	12.10	16.65 (16:15)	8.35 (6:45)	11.84	17.65 (15:45)	7.81 (5:15)
9	13.14	18.06 (14:45)	9.62 (6:00)	13.19	18.78 (14:30)	9.22 (6:15)	12.52	18.88 (14:30)	8.04 (6:00)	12.04	19.96 (14:15)	6.48 (24:00)
10	11.91	16.83 (16:15)	6.34 (4:00)	11.74	17.48 (15:00)	5.50 (6:00)	11.06	17.51 (15:00)	4.42 (7:00)	10.57	18.59 (14:30)	3.62 (6:15)
11	14.17	20.31 (16:30)	7.65 (7:30)	14.17	20.85 (16:15)	7.39 (6:45)	13.62	20.97 (14:45)	6.32 (7:15)	13.25	22.34 (15:15)	5.64 (6:45)
12	16.31	21.38 (15:45)	12.63 (7:45)	16.36	22.04 (15:30)	12.25 (23:45)	15.81	22.26 (15:30)	11.43 (24:00)	15.52	23.17 (15:30)	10.54 (24:00)
13	15.41	21.37 (15:15)	9.49 (7:00)	15.47	21.98 (15:15)	8.91 (8:00)	15.03	22.13 (15:00)	8.27 (7:30)	14.94	23.17 (15:00)	7.74 (7:00)
14	16.02	20.83 (16:00)	11.68 (8:15)	16.14	21.44 (16:00)	10.61 (8:15)	15.71	21.46 (15:30)	10.21 (8:15)	15.51	22.50 (15:15)	10.09 (7:15)
15	12.45	15.00 (15:15)	8.96 (7:15)	12.62	15.72 (15:15)	8.31 (7:15)	12.09	15.88 (13:15)	7.09 (7:00)	11.74	16.86 (14:00)	5.84 (7:00)
16	10.49	15.59 (16:30)	5.93 (7:45)	10.70	16.35 (16:00)	4.97 (6:45)	10.02	16.42 (16:00)	3.85 (6:30)	9.72	17.41 (15:45)	2.75 (6:45)
17	10.51	15.12 (15:15)	5.51 (7:00)	10.40	16.95 (16:15)	5.19 (7:00)	10.19	16.02 (15:15)	4.56 (6:45)	10.00	17.09 (14:45)	4.09 (7:00)
18	13.02	16.26 (16:15)	9.40 (7:15)	13.29	16.95 (16:15)	9.18 (7:15)	12.83	16.96 (15:00)	8.26 (7:15)	12.69	17.83 (14:15)	7.64 (6:30)
19	12.63	17.20 (16:00)	8.43 (7:45)	12.66	17.85 (16:15)	7.95 (7:30)	12.15	17.90 (15:15)	6.93 (7:15)	11.83	18.92 (15:15)	6.41 (7:15)
20	12.68	17.81 (17:00)	6.66 (7:45)	12.56	18.45 (15:45)	6.40 (6:15)	12.05	18.60 (15:45)	6.04 (6:15)	11.83	19.72 (13:30)	6.00 (5:00)
21	13.92	18.08 (16:00)	10.41 (6:30)	14.01	18.65 (16:15)	10.30 (7:30)	13.31	18.73 (16:00)	8.87 (7:15)	12.59	19.75 (15:00)	7.34 (7:15)
22	16.34	20.81 (16:15)	9.13 (7:00)	14.78	21.46 (16:15)	8.16 (6:15)	14.07	21.41 (15:45)	7.18 (6:15)	13.26	22.04 (14:45)	6.24 (7:00)
23	16.34	21.05 (14:30)	11.61 (7:00)	16.54	21.71 (14:30)	11.08 (8:15)	15.98	21.78 (14:30)	10.40 (6:45)	15.44	22.91 (14:00)	8.84 (5:30)
24	16.27	18.79 (15:30)	13.66 (5:00)	16.46	19.42 (15:30)	14.00 (4:15)	16.29	19.56 (15:30)	13.89 (5:00)	16.44	20.20 (15:30)	13.82 (0:45)
25	14.37	16.94 (0:15)	9.97 (24:00)	14.96	17.45 (0:30)	10.64 (24:00)	14.71	17.22 (1:15)	10.32 (24:00)	14.79	17.22 (1:15)	10.02 (24:00)
26	5.45	9.57 (0:15)	0.98 (8:00)	5.93	10.23 (0:15)	1.72 (8:00)	5.95	9.90 (0:15)	1.34 (24:00)	5.99	10.60 (15:00)	-0.08 (24:00)
27	6.08	12.41 (16:15)	-0.99 (5:45)	6.06	13.06 (16:15)	-1.28 (5:45)	5.27	13.01 (16:00)	-2.21 (5:45)	4.81	13.81 (15:30)	-2.72 (7:15)
28	10.10	16.41 (16:15)	3.92 (5:45)	10.28	17.11 (16:15)	3.79 (5:15)	9.71	17.15 (16:00)	2.83 (5:00)	9.22	17.80 (15:45)	2.41 (5:30)
29	14.96	21.12 (15:45)	9.27 (4:30)	14.89	21.85 (15:45)	8.29 (7:30)	14.26	21.96 (15:45)	7.27 (7:30)	13.77	22.78 (14:45)	6.91 (4:15)
30	15.97	20.50 (13:45)	11.86 (8:15)	16.03	21.25 (13:45)	10.75 (7:30)	15.59	21.46 (13:45)	9.66 (7:15)	15.36	22.29 (12:30)	8.88 (7:15)
31	14.42	16.99 (12:00)	12.59 (23:30)	14.80	17.65 (12:00)	12.99 (5:00)	14.51	17.75 (11:15)	12.52 (5:00)	14.31	18.21 (11:15)	12.42 (7:00)
월	13.66	21.44 (10/1)	-0.99 (10/27)	13.83	22.10 (10/1)	-1.28 (10/27)	13.36	22.48 (10/1)	-2.21 (10/27)	13.11	24.34 (10/1)	-2.72 (10/27)

표 7. 계속 (Continued): 기온의 월간 통계값 (1996년 11월)

높이 일	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	12.09	13.61 (2:00)	11.31 (8:30)	12.44	14.21 (1:45)	11.66 (8:45)	12.32	13.72 (1:45)	11.62 (7:45)	12.41	13.38 (1:15)	11.81 (7:45)
2	11.25	15.99 (15:15)	7.29 (23:30)	11.58	15.37 (15:00)	7.80 (23:45)	11.74	15.52 (15:00)	6.06 (24:00)	11.74	16.69 (15:00)	4.91 (24:00)
3	8.19	15.55 (16:30)	0.91 (7:00)	8.17	14.56 (16:15)	1.46 (7:45)	7.38	14.49 (16:00)	0.51 (7:45)	6.97	15.03 (15:00)	0.30 (6:45)
4	10.55	16.09 (15:15)	3.46 (5:00)	10.56	16.08 (16:30)	3.65 (7:30)	10.00	15.98 (16:15)	2.93 (7:30)	9.60	16.35 (15:15)	2.28 (7:00)
5	13.44	16.23 (12:45)	10.98 (24:00)	13.71	16.32 (15:15)	12.01 (23:30)	13.54	16.70 (15:00)	10.86 (23:30)	13.60	17.26 (15:00)	10.03 (23:45)
6	7.90	12.14 (15:15)	4.05 (7:30)	8.37	11.99 (0:15)	4.92 (8:45)	7.97	11.51 (0:15)	4.61 (7:30)	7.70	12.22 (14:45)	2.93 (6:30)
7	6.42	10.12 (12:30)	3.02 (4:15)	7.24	9.85 (13:15)	4.75 (5:45)	6.82	9.91 (12:30)	3.81 (3:45)	6.45	10.50 (12:30)	1.98 (4:15)
8	8.72	11.77 (14:45)	6.18 (7:45)	9.22	12.11 (15:45)	6.43 (8:00)	8.92	12.02 (15:45)	5.98 (7:45)	8.95	12.42 (14:45)	6.09 (7:45)
9	9.92	11.30 (13:45)	7.15 (24:00)	10.57	12.25 (15:15)	7.57 (23:45)	10.29	12.24 (15:15)	6.61 (23:45)	10.21	12.71 (15:15)	5.78 (24:00)
10	8.88	14.05 (15:00)	4.97 (3:45)	8.88	13.81 (14:45)	5.01 (5:30)	8.36	13.77 (14:45)	4.55 (5:30)	8.36	14.56 (14:45)	4.58 (2:15)
11	10.76	18.25 (14:30)	5.47 (7:45)	10.64	17.42 (14:30)	4.98 (7:45)	9.84	17.57 (14:30)	4.12 (6:00)	9.45	18.44 (14:15)	3.87 (6:00)
12	8.28	8.74 (0:15)	7.81 (1:15)	9.22	9.48 (1:00)	9.07 (1:15)	8.10	8.43 (1:00)	7.52 (1:15)	6.72	6.93 (0:15)	6.53 (1:15)
13	7.76	12.17 (14:45)	2.61 (23:15)	8.13	11.02 (14:30)	3.99 (23:00)	7.72	11.29 (14:30)	2.92 (23:00)	7.63	12.95 (14:30)	1.36 (24:00)
14	3.69	8.19 (13:15)	0.37 (7:45)	4.29	7.71 (13:15)	1.32 (7:45)	3.64	7.82 (13:15)	0.38 (6:45)	3.20	8.90 (13:15)	-0.92 (7:45)
15	2.44	6.47 (15:30)	-0.61 (23:00)	3.25	6.11 (14:15)	0.93 (6:30)	2.69	6.08 (14:45)	-0.41 (6:00)	2.28	6.94 (14:45)	-1.66 (6:00)
16	1.55	5.75 (15:45)	-4.21 (7:00)	2.06	5.57 (15:30)	-3.53 (8:00)	1.56	5.53 (15:15)	-4.20 (8:00)	1.45	6.43 (15:00)	-4.92 (7:15)
17	3.96	6.48 (21:00)	1.56 (0:15)	4.70	7.40 (21:00)	2.10 (3:30)	4.35	6.97 (21:00)	1.66 (3:30)	4.37	7.31 (13:00)	1.23 (1:00)
18	4.29	7.11 (15:00)	1.51 (4:00)	4.87	7.39 (16:15)	2.17 (8:15)	4.41	7.29 (16:15)	1.00 (6:45)	4.30	8.07 (15:00)	0.85 (6:45)
19	6.84	12.16 (15:00)	3.66 (7:45)	7.29	11.03 (15:45)	3.27 (8:30)	6.88	11.10 (15:30)	2.29 (8:00)	6.70	12.30 (15:15)	1.89 (8:00)
20	8.05	11.44 (15:15)	3.65 (4:30)	8.50	12.00 (15:15)	3.64 (5:30)	8.07	11.92 (15:15)	3.06 (5:30)	7.89	12.11 (15:15)	2.49 (2:15)
21	6.46	9.39 (0:15)	2.15 (24:00)	7.16	10.21 (0:15)	2.80 (23:15)	6.74	9.73 (0:15)	1.26 (23:15)	6.45	10.21 (13:00)	0.22 (23:30)
22	2.38	7.57 (15:45)	-1.44 (8:15)	3.07	6.87 (15:15)	-0.10 (8:15)	2.50	6.99 (15:00)	-1.26 (8:15)	2.15	8.19 (15:00)	-2.38 (24:00)
23	3.89	10.32 (14:45)	-2.42 (7:30)	4.35	10.33 (16:30)	-1.42 (7:30)	3.90	10.16 (16:30)	-2.10 (2:30)	3.59	10.50 (15:15)	-3.05 (2:45)
24	6.83	10.81 (14:45)	3.06 (24:00)	6.92	10.41 (16:00)	2.04 (8:45)	6.14	11.80 (15:45)	-1.34 (8:15)	5.81	11.52 (14:45)	-1.76 (24:00)
25	5.04	12.81 (15:45)	-0.60 (6:00)	5.05	11.93 (15:45)	-0.62 (5:45)	4.27	11.80 (15:45)	-1.34 (5:30)	3.90	11.97 (14:45)	-1.76 (5:30)
26	7.91	12.67 (14:00)	3.17 (3:45)	8.17	12.97 (14:45)	2.44 (6:00)	7.56	12.89 (14:45)	1.56 (6:00)	7.19	12.93 (14:45)	1.17 (6:15)
27	3.39	7.87 (5:00)	-1.93 (23:30)	4.14	8.67 (4:30)	-0.89 (24:00)	3.80	8.25 (5:15)	-1.37 (23:30)	3.84	8.06 (0:15)	-1.74 (23:30)
28	-0.70	4.81 (14:45)	-6.07 (7:45)	0.02	3.83 (16:00)	-4.62 (7:00)	-0.38	3.71 (15:00)	-5.95 (7:00)	-0.36	5.04 (14:45)	-6.83 (7:15)
29	-0.01	2.53 (15:30)	-2.85 (23:00)	0.60	3.03 (1:30)	-1.41 (24:00)	0.22	2.71 (1:30)	-2.21 (23:30)	0.34	2.72 (1:30)	-2.88 (23:30)
30	-3.02	-2.49 (0:15)	-3.79 (2:00)	-1.92	-1.59 (0:15)	-2.20 (2:15)	-2.63	-2.10 (0:15)	-3.13 (2:15)	-3.30	-2.75 (0:15)	-3.84 (2:00)
월	6.41	18.25 (11/11)	-6.07 (11/28)	6.65	17.42 (11/11)	-4.62 (11/28)	6.37	17.57 (11/11)	-5.95 (11/28)	6.18	18.44 (11/11)	-6.83 (11/28)

표 7. 계속 (Continued): 기온의 월간 통계값 (1996년 12월)

높이 일	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	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999
2	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999
3	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999
4	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999
5	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999
6	-2.22	0.11 (16:00)	-3.11 (22:30)	-1.50	-0.30 (16:00)	-2.50 (23:15)	-1.91	-0.42 (16:00)	-2.96 (23:15)	-1.95	0.19 (15:30)	-3.08 (22:30)
7	-3.96	-0.69 (14:15)	-7.70 (8:00)	-3.22	-1.15 (16:00)	-5.83 (8:15)	-3.67	-1.40 (15:45)	-6.62 (7:45)	-3.74	-0.43 (14:00)	-8.10 (7:45)
8	0.40	3.66 (24:00)	-4.13 (0:15)	1.15	4.29 (21:30)	-3.47 (0:15)	0.71	3.86 (21:30)	-4.15 (0:15)	0.57	4.49 (11:15)	-4.43 (0:15)
9	4.49	7.88 (15:30)	2.27 (5:30)	4.85	8.25 (15:30)	2.27 (8:45)	4.21	8.22 (15:30)	1.47 (8:45)	3.69	8.58 (15:30)	1.28 (8:45)
10	4.46	8.80 (14:45)	1.51 (24:00)	5.04	8.92 (14:30)	2.09 (7:45)	4.43	9.04 (14:30)	0.76 (7:45)	3.91	9.84 (14:30)	0.15 (7:45)
11	2.81	9.11 (15:15)	-1.58 (24:00)	3.30	9.16 (15:15)	-1.18 (7:30)	2.54	9.20 (15:15)	-2.24 (7:30)	1.96	9.94 (15:00)	-2.91 (7:45)
12	0.83	7.60 (14:45)	-4.55 (6:15)	1.42	6.82 (15:45)	-3.63 (7:00)	0.66	6.69 (15:15)	-4.62 (7:00)	-0.07	7.18 (14:30)	-5.55 (8:00)
13	2.17	10.22 (15:30)	-4.62 (6:45)	2.88	10.24 (15:30)	-3.53 (8:45)	2.14	10.31 (15:30)	-4.65 (8:00)	1.44	11.02 (15:30)	-5.48 (8:00)
14	4.60	11.19 (13:45)	-0.52 (6:15)	4.77	10.82 (15:30)	-0.61 (6:00)	3.88	10.76 (15:30)	-1.58 (6:00)	3.07	10.91 (15:15)	-2.43 (6:15)
15	4.97	13.60 (15:15)	-0.44 (8:30)	5.12	12.81 (15:45)	-0.91 (8:00)	4.34	12.79 (15:45)	-2.08 (8:15)	3.64	13.34 (15:30)	-2.83 (8:15)
16	7.05	14.58 (15:15)	1.05 (6:45)	6.99	13.26 (15:15)	1.35 (9:15)	6.12	13.27 (15:15)	0.50 (9:00)	5.58	14.03 (14:45)	-0.80 (7:15)
17	4.10	6.91 (0:30)	-2.07 (24:00)	4.61	7.43 (1:00)	-0.95 (24:00)	4.05	6.87 (11:30)	-1.42 (24:00)	3.83	7.12 (11:30)	-1.60 (24:00)
18	-4.89	-1.43 (14:15)	-8.29 (23:30)	-3.84	-1.15 (0:15)	-6.28 (7:45)	-4.45	-1.60 (0:15)	-7.39 (7:15)	-4.79	-1.05 (14:00)	-8.59 (8:00)
19	-3.01	1.76 (15:15)	-7.10 (2:00)	-2.55	1.62 (15:15)	-6.31 (2:15)	-3.01	1.52 (15:15)	-7.24 (1:15)	-2.85	2.37 (15:15)	-8.13 (1:45)
20	-1.61	4.65 (15:00)	-7.27 (2:00)	-0.79	4.25 (15:15)	-6.18 (7:30)	-1.56	4.28 (15:15)	-7.57 (7:30)	-1.94	5.48 (15:15)	-8.78 (7:45)
21	2.64	7.87 (14:45)	-2.03 (3:15)	3.08	7.75 (15:00)	-1.70 (2:30)	2.49	7.78 (14:30)	-2.65 (2:15)	2.12	8.75 (14:30)	-2.88 (2:15)
22	3.91	8.50 (13:00)	0.36 (24:00)	4.75	9.02 (12:45)	1.12 (24:00)	4.39	9.05 (12:45)	0.81 (24:00)	4.18	9.67 (13:00)	0.90 (24:00)
23	-1.21	3.02 (15:30)	-4.67 (8:30)	-0.42	2.70 (15:15)	-3.61 (8:45)	-0.83	2.70 (15:15)	-3.98 (8:30)	-0.85	4.00 (15:15)	-4.46 (7:45)
24	2.54	9.41 (16:00)	-4.48 (4:45)	3.27	9.72 (15:45)	-3.45 (5:00)	2.63	9.68 (15:45)	-4.33 (4:45)	2.16	10.29 (14:45)	-5.62 (5:30)
25	4.70	8.20 (15:15)	-2.06 (24:00)	5.27	7.80 (4:15)	-0.70 (23:30)	4.68	7.89 (12:30)	-2.05 (24:00)	4.27	8.75 (12:30)	-3.36 (24:00)
26	0.55	7.87 (16:15)	-5.47 (6:15)	1.24	7.10 (16:15)	-4.09 (8:45)	0.46	6.92 (15:45)	-5.03 (8:15)	-0.25	7.22 (15:30)	-6.01 (8:15)
27	2.89	11.34 (14:00)	-3.71 (6:30)	3.48	11.39 (14:00)	-2.97 (6:15)	2.93	11.60 (14:00)	-4.29 (6:45)	2.63	12.52 (14:00)	-5.38 (7:00)
28	2.99	9.36 (15:45)	-1.87 (8:00)	3.52	7.92 (16:30)	-0.74 (8:00)	2.91	7.92 (15:15)	-2.22 (8:00)	2.59	8.87 (15:15)	-2.80 (8:00)
29	0.44	7.35 (16:15)	-4.73 (5:00)	1.10	6.90 (16:00)	-4.24 (7:15)	0.35	6.69 (16:00)	-5.50 (8:30)	-0.23	6.84 (15:15)	-6.10 (7:45)
30	0.52	6.56 (14:30)	-4.40 (8:15)	0.65	5.38 (16:15)	-4.55 (8:15)	-0.03	5.17 (16:15)	-5.36 (7:45)	-0.37	6.17 (14:15)	-5.91 (7:45)
31	2.73	7.49 (15:45)	-1.18 (7:15)	3.06	6.78 (15:45)	-0.98 (9:30)	2.51	6.66 (15:45)	-1.57 (9:15)	2.12	7.12 (15:30)	-2.01 (8:30)
월	1.74	14.58 (12/16)	-8.29 (12/18)	2.29	13.26 (12/16)	-6.31 (12/19)	1.66	13.27 (12/16)	-7.57 (12/20)	1.26	14.03 (12/16)	-8.78 (12/20)

표 7. 계속 (Continued): 상대습도의 일간 통계값 (1996년 1월)

높이 일	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	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	30.09	51.41 (9:00)	0.00 (13:30)
2	72.26	100.00 (4:30)	0.00 (0:15)	30.19	99.41 (9:45)	0.00 (0:15)	15.17	99.99 (9:30)	0.00 (0:15)	65.75	99.67 (9:00)	26.38 (13:30)
3	27.33	100.00 (0:15)	0.00 (7:15)	7.43	57.92 (3:00)	0.00 (5:15)	2.06	18.87 (2:00)	0.00 (4:15)	40.04	72.88 (2:00)	15.10 (14:15)
4	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	39.02	57.85 (8:45)	20.68 (13:15)
5	71.62	100.00 (6:30)	0.00 (0:15)	4.88	30.16 (23:15)	0.00 (0:15)	0.93	8.73 (22:45)	0.00 (0:15)	60.05	91.67 (21:30)	43.49 (15:30)
6	100.00	100.00 (0:15)	100.00 (0:15)	83.53	100.00 (15:45)	26.44 (1:15)	39.51	100.00 (19:45)	4.23 (2:15)	87.79	99.99 (20:00)	72.78 (2:15)
7	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	100.00 (0:15)	99.99	100.00 (0:15)	99.92 (3:45)	98.15	100.00 (19:45)	94.31 (12:30)
8	50.26	100.00 (0:15)	0.00 (13:30)	30.15	100.00 (0:15)	0.00 (11:15)	26.37	100.00 (0:15)	0.00 (11:00)	53.25	99.98 (4:00)	9.07 (16:00)
9	77.41	100.00 (0:45)	19.88 (0:15)	16.82	98.84 (3:30)	0.00 (0:15)	4.93	36.96 (9:30)	0.00 (0:15)	66.79	97.96 (3:00)	31.86 (12:00)
10	53.30	100.00 (0:15)	0.00 (14:00)	46.73	100.00 (5:00)	0.00 (12:15)	41.40	100.00 (9:00)	0.00 (12:00)	65.47	99.85 (9:30)	8.85 (17:00)
11	52.07	100.00 (1:15)	0.00 (0:15)	35.57	99.39 (10:15)	0.00 (0:15)	28.00	100.00 (9:15)	0.00 (0:15)	61.47	99.77 (9:15)	18.91 (16:15)
12	47.26	100.00 (1:45)	0.00 (0:15)	38.85	100.00 (8:00)	0.00 (12:30)	33.26	100.00 (9:15)	0.00 (0:15)	59.96	99.80 (9:15)	9.52 (16:00)
13	66.92	100.00 (5:30)	0.00 (0:15)	9.19	82.50 (9:15)	0.00 (0:15)	9.30	76.79 (9:15)	0.00 (0:15)	65.47	97.66 (9:00)	40.66 (15:15)
14	99.98	100.00 (0:30)	98.13 (0:15)	90.64	100.00 (4:00)	6.08 (0:15)	86.80	100.00 (4:30)	6.81 (0:45)	93.87	99.96 (3:15)	70.17 (0:30)
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)	99.94 (4:15)	98.10	99.98 (14:15)	94.14 (4:00)
16	66.15	100.00 (0:15)	0.00 (15:00)	43.77	100.00 (0:15)	0.00 (12:00)	42.06	100.00 (0:15)	0.00 (12:00)	66.37	100.00 (1:15)	25.86 (15:30)
17	76.50	100.00 (2:00)	0.00 (16:45)	7.46	75.94 (7:00)	0.00 (0:15)	0.92	9.96 (7:45)	0.00 (0:15)	55.98	99.56 (7:00)	27.39 (16:30)
18	1.77	37.11 (0:15)	0.00 (3:00)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	27.37	43.46 (7:00)	4.56 (15:30)
19	47.92	100.00 (3:15)	0.00 (0:15)	17.85	98.82 (9:45)	0.00 (0:15)	2.53	26.84 (9:45)	0.00 (0:15)	50.51	99.17 (9:15)	13.95 (17:00)
20	38.45	100.00 (11:00)	0.00 (0:15)	0.01	0.55 (23:00)	0.00 (0:15)	0.01	0.78 (24:00)	0.00 (0:15)	48.34	68.85 (24:00)	32.59 (16:00)
21	59.28	100.00 (0:15)	0.00 (16:30)	41.07	100.00 (8:15)	0.00 (13:15)	31.57	99.96 (10:15)	0.00 (0:15)	66.06	99.80 (9:30)	31.88 (16:45)
22	18.25	100.00 (6:15)	0.00 (0:15)	0.56	16.52 (6:45)	0.00 (0:15)	0.00	0.02 (7:15)	0.00 (0:15)	40.75	73.70 (7:00)	18.74 (13:00)
23	25.77	100.00 (0:15)	0.00 (6:45)	0.68	10.66 (3:30)	0.00 (0:15)	0.00	0.20 (4:00)	0.00 (0:15)	28.75	70.44 (3:30)	0.00 (14:30)
24	23.86	100.00 (4:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.01	0.42 (9:15)	0.00 (0:15)	39.63	70.31 (8:30)	13.53 (13:15)
25	47.86	100.00 (1:30)	0.00 (13:00)	6.17	61.09 (7:15)	0.00 (0:15)	0.86	13.96 (7:30)	0.00 (0:15)	40.95	86.02 (7:00)	9.07 (16:15)
26	7.09	100.00 (8:30)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	43.17	60.67 (8:00)	2.87 (17:00)
27	27.92	100.00 (6:00)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	31.77	71.45 (8:30)	19.58 (15:15)
28	94.64	100.00 (0:15)	0.00 (22:00)	61.50	100.00 (11:00)	0.00 (0:15)	63.65	100.00 (11:15)	0.00 (0:15)	93.08	100.00 (15:30)	62.75 (0:15)
29	20.69	100.00 (0:15)	0.00 (5:45)	11.97	99.08 (0:45)	0.00 (4:45)	17.07	99.87 (0:30)	0.00 (6:00)	49.91	99.94 (1:15)	8.98 (11:30)
30	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	16.92	37.61 (22:30)	0.55 (6:30)
31	31.42	100.00 (16:45)	0.00 (0:15)	14.27	98.80 (22:45)	0.00 (0:15)	1.23	22.16 (23:30)	0.00 (0:15)	38.36	97.43 (22:45)	0.00 (11:45)
월	48.58	100.00 (1/2)	0.00 (1/1)	25.78	100.00 (1/6)	0.00 (1/1)	20.89	100.00 (1/6)	0.00 (1/1)	55.57	100.00 (1/7)	0.00 (1/1)

표 7. 계속 (Continued): 상대습도의 일간 통계값 (1996년 2월)

높이 일	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	74.51	100.00 (0:15)	0.00 (10:00)	26.54	98.69 (23:15)	0.00 (1:30)	5.97	99.64 (9:15)	0.00 (0:15)	64.36	99.61 (9:00)	27.87 (11:15)
2	8.87	100.00 (0:15)	0.00 (4:00)	1.46	42.63 (0:15)	0.00 (1:30)	0.00	0.00 (0:15)	0.00 (0:15)	34.51	68.08 (0:30)	9.68 (16:00)
3	58.60	100.00 (3:00)	0.00 (13:30)	22.44	99.05 (9:30)	0.00 (0:15)	16.12	99.95 (9:45)	0.00 (0:15)	63.10	99.65 (9:00)	21.79 (16:15)
4	100.00	100.00 (0:15)	100.00 (0:15)	82.81	100.00 (17:00)	0.00 (14:45)	76.22	100.00 (17:00)	0.00 (14:30)	90.54	99.96 (16:45)	48.59 (14:30)
5	47.92	100.00 (0:15)	0.00 (12:30)	34.81	100.00 (0:15)	0.00 (11:00)	31.88	100.00 (0:15)	0.00 (10:30)	56.91	99.93 (2:30)	14.62 (16:00)
6	40.63	100.00 (1:30)	0.00 (0:15)	0.11	1.83 (6:30)	0.00 (0:15)	1.83	57.42 (9:15)	0.00 (0:15)	47.68	90.78 (8:30)	17.71 (15:00)
7	49.63	100.00 (2:15)	0.00 (0:15)	29.31	99.13 (9:15)	0.00 (0:15)	19.38	99.88 (9:45)	0.00 (0:15)	56.94	99.70 (8:45)	15.84 (17:00)
8	37.52	100.00 (15:45)	0.00 (0:15)	14.39	99.30 (17:30)	0.00 (0:15)	8.65	99.80 (18:15)	0.00 (0:15)	54.03	99.80 (17:30)	29.23 (12:45)
9	89.43	100.00 (0:15)	19.74 (17:00)	48.28	99.17 (10:30)	0.00 (1:00)	32.54	99.80 (8:15)	0.00 (0:15)	72.11	99.74 (6:15)	34.85 (16:00)
10	44.83	100.00 (0:15)	0.00 (11:30)	21.89	98.78 (6:30)	0.00 (10:00)	8.43	71.41 (7:30)	0.00 (0:15)	47.40	99.61 (7:00)	7.04 (17:30)
11	86.26	100.00 (4:45)	0.00 (0:15)	16.88	98.71 (7:15)	0.00 (0:15)	5.42	50.00 (7:45)	0.00 (0:15)	64.58	99.59 (7:15)	36.48 (15:15)
12	59.29	100.00 (0:15)	0.00 (15:30)	27.16	99.32 (9:00)	0.00 (13:15)	21.21	99.93 (7:30)	0.00 (13:15)	63.35	99.85 (7:15)	25.34 (16:45)
13	85.30	100.00 (2:30)	27.90 (0:15)	19.73	99.65 (23:45)	0.00 (10:45)	14.80	100.00 (23:00)	0.00 (11:30)	65.59	100.00 (22:15)	37.66 (15:30)
14	100.00	100.00 (0:15)	100.00 (0:15)	95.15	100.00 (1:30)	2.78 (24:00)	74.20	100.00 (0:15)	1.55 (24:00)	93.15	100.00 (11:45)	52.44 (24:00)
15	3.81	100.00 (0:15)	0.00 (1:45)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	20.90	50.91 (8:00)	0.00 (16:15)
16	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	20.89	43.11 (8:15)	6.16 (14:15)
17	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	13.30	36.92 (2:15)	0.00 (14:15)
18	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	30.73	55.15 (8:45)	2.84 (15:45)
19	7.25	100.00 (9:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	27.31	62.96 (8:30)	0.24 (15:45)
20	11.49	100.00 (7:30)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.02	1.59 (8:45)	0.00 (0:15)	30.28	74.66 (7:45)	0.00 (13:30)
21	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	23.12	56.49 (8:30)	0.00 (14:45)
22	23.84	100.00 (5:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.06	4.17 (8:45)	0.00 (0:15)	30.32	74.91 (8:30)	0.00 (16:30)
23	25.32	100.00 (5:00)	0.00 (0:15)	1.37	23.76 (9:00)	0.00 (0:15)	1.17	37.72 (8:45)	0.00 (0:15)	29.07	78.06 (8:15)	0.00 (15:30)
24	18.01	100.00 (7:30)	0.00 (0:15)	0.58	10.29 (9:00)	0.00 (0:15)	0.55	22.01 (8:45)	0.00 (0:15)	27.32	72.97 (7:15)	0.00 (14:15)
25	22.03	100.00 (7:00)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	31.15	56.12 (8:00)	3.22 (14:15)
26	64.75	100.00 (0:30)	0.00 (13:00)	39.13	99.18 (9:15)	0.00 (0:15)	23.13	99.86 (9:00)	0.00 (0:15)	52.61	99.74 (7:45)	0.00 (14:00)
27	29.40	100.00 (0:15)	0.00 (11:30)	0.00	0.35 (0:15)	0.00 (0:30)	0.00	0.00 (0:15)	0.00 (0:15)	30.82	51.78 (24:00)	5.07 (15:30)
28	47.56	100.00 (2:00)	0.00 (12:30)	17.14	98.95 (8:15)	0.00 (0:15)	11.60	99.90 (8:45)	0.00 (0:15)	47.66	99.70 (8:00)	5.98 (15:15)
29	65.98	100.00 (0:30)	0.00 (13:30)	36.62	99.23 (8:45)	0.00 (0:15)	18.90	99.61 (8:45)	0.00 (0:15)	59.43	99.70 (8:30)	18.21 (16:00)
월	41.46	100.00 (2:1)	0.00 (2:1)	18.48	100.00 (2:4)	0.00 (2:1)	12.83	100.00 (2:4)	0.00 (2:1)	46.52	100.00 (2:13)	0.00 (2:15)

표 7. 계속 (Continued): 상대습도의 월간 통계값 (1996년 3월)

일	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	32.34	100.00 (0:15)	0.00 (8:15)	24.34	100.00 (2:00)	0.00 (7:30)	16.90	99.96 (3:00)	0.00 (7:30)	38.45	99.95 (2:45)	3.00 (14:15)
2	27.17	100.00 (6:00)	0.00 (0:15)	2.02	29.47 (8:30)	0.00 (0:15)	3.43	93.74 (8:30)	0.00 (0:15)	38.06	87.58 (8:15)	3.24 (17:00)
3	29.79	100.00 (5:45)	0.00 (0:15)	9.33	92.18 (8:45)	0.00 (0:15)	9.37	99.94 (8:30)	0.00 (0:15)	37.78	91.52 (8:15)	0.31 (12:30)
4	54.78	100.00 (0:15)	0.00 (13:45)	43.29	99.46 (8:30)	0.00 (13:00)	36.58	99.98 (8:15)	0.00 (12:45)	53.02	99.94 (5:45)	0.00 (14:45)
5	40.67	100.00 (2:00)	0.00 (0:15)	27.22	100.00 (8:30)	0.00 (0:15)	20.08	100.00 (9:15)	0.00 (0:15)	40.56	99.87 (8:15)	0.00 (13:30)
6	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	30.71	57.12 (6:30)	12.75 (16:00)
7	96.59	100.00 (1:15)	0.00 (0:15)	94.80	100.00 (2:00)	0.00 (0:15)	93.28	100.00 (2:00)	0.00 (0:15)	96.00	100.00 (1:45)	43.18 (0:15)
8	51.53	100.00 (0:15)	0.00 (10:30)	4.56	99.24 (0:15)	0.00 (6:15)	5.10	70.37 (0:15)	0.00 (9:00)	38.94	89.63 (0:15)	7.40 (13:15)
9	73.31	100.00 (0:15)	0.00 (15:15)	40.64	99.31 (10:00)	0.00 (13:45)	29.29	99.87 (5:30)	0.00 (0:15)	65.34	99.83 (5:45)	24.92 (16:30)
10	89.56	97.83 (1:00)	80.95 (2:30)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	52.76	54.05 (1:15)	51.77 (0:30)
11	9999.999999	99 (:) 9999.99 (:)	9999.99 (:)	9999.999999	99 (:) 9999.99 (:)	9999.99 (:)	9999.999999	99 (:) 9999.99 (:)	9999.99 (:)	9999.999999	99 (:) 9999.99 (:)	9999.99 (:)
12	9999.999999	99 (:) 9999.99 (:)	9999.99 (:)	9999.999999	99 (:) 9999.99 (:)	9999.99 (:)	9999.999999	99 (:) 9999.99 (:)	9999.99 (:)	9999.999999	99 (:) 9999.99 (:)	9999.99 (:)
13	9999.999999	99 (:) 9999.99 (:)	9999.99 (:)	9999.999999	99 (:) 9999.99 (:)	9999.99 (:)	9999.999999	99 (:) 9999.99 (:)	9999.99 (:)	9999.999999	99 (:) 9999.99 (:)	9999.99 (:)
14	100.00	100.00 (10:30)	99.98 (16:00)	26.78	99.11 (10:30)	2.61 (18:45)	14.89	99.75 (10:30)	0.00 (14:30)	61.44	84.95 (24:00)	48.31 (14:30)
15	81.20	100.00 (0:15)	0.00 (16:15)	61.18	100.00 (7:45)	0.00 (14:30)	39.20	100.00 (8:30)	0.00 (14:15)	73.31	100.00 (8:30)	26.56 (16:45)
16	99.93	100.00 (0:15)	99.03 (15:15)	80.24	100.00 (3:15)	10.93 (14:00)	75.58	100.00 (3:30)	2.86 (13:30)	88.01	100.00 (17:15)	51.80 (13:30)
17	96.79	100.00 (0:15)	60.94 (16:00)	54.35	100.00 (0:15)	0.00 (14:15)	50.70	100.00 (7:30)	0.00 (13:45)	72.53	100.00 (9:30)	35.10 (15:45)
18	23.50	100.00 (0:15)	0.00 (9:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	31.55	56.89 (6:30)	5.61 (16:00)
19	0.51	14.46 (0:45)	0.00 (1:45)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	20.68	48.50 (7:30)	0.00 (14:00)
20	17.09	100.00 (7:15)	0.00 (0:15)	1.55	30.39 (8:45)	0.00 (0:15)	0.39	12.01 (8:45)	0.00 (0:15)	29.15	74.07 (8:00)	0.00 (17:30)
21	56.01	100.00 (11:00)	0.00 (0:15)	52.29	100.00 (13:00)	0.00 (0:15)	50.83	100.00 (13:00)	0.00 (0:15)	75.27	100.00 (13:15)	29.75 (0:30)
22	99.60	100.00 (0:15)	88.30 (17:45)	63.13	100.00 (0:15)	0.00 (15:00)	52.40	100.00 (3:00)	0.00 (14:45)	78.05	99.99 (9:45)	39.41 (17:30)
23	99.99	100.00 (0:15)	99.61 (15:45)	59.96	100.00 (3:30)	14.31 (15:45)	46.27	100.00 (7:15)	0.00 (15:15)	76.92	99.98 (8:00)	50.89 (15:30)
24	99.99	100.00 (0:15)	99.37 (13:30)	49.34	100.00 (19:45)	0.00 (15:15)	28.38	100.00 (20:00)	0.00 (12:45)	71.50	100.00 (20:45)	41.25 (15:00)
25	78.16	100.00 (0:15)	0.00 (16:00)	58.19	100.00 (0:15)	0.00 (14:15)	47.96	100.00 (0:15)	0.00 (13:30)	71.10	99.95 (8:45)	23.21 (19:30)
26	48.60	100.00 (0:15)	0.00 (12:15)	45.65	100.00 (3:30)	0.00 (11:45)	42.12	100.00 (2:00)	0.00 (11:30)	53.52	99.95 (5:00)	4.29 (15:30)
27	0.14	7.44 (7:45)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	20.91	56.34 (8:00)	0.09 (12:00)
28	2.26	53.43 (24:00)	0.00 (0:15)	2.27	37.51 (7:30)	0.00 (0:15)	1.11	32.74 (8:15)	0.00 (0:15)	44.74	72.41 (7:30)	27.15 (13:30)
29	79.00	100.00 (0:45)	0.00 (11:45)	32.57	100.00 (19:45)	0.00 (0:15)	26.58	100.00 (19:15)	0.00 (2:00)	66.82	100.00 (20:00)	29.67 (12:45)
30	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	100.00 (0:15)	99.73	100.00 (1:00)	98.09 (6:15)	98.81	100.00 (16:00)	93.49 (6:15)
31	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	100.00 (0:15)	99.96	99.99 (0:15)	99.94 (3:00)	99.93	99.95 (0:45)	99.92 (1:45)
월	56.92	100.00 (3:1)	0.00 (3:1)	36.20	100.00 (3:1)	0.00 (3:1)	30.84	100.00 (3:5)	0.00 (3:1)	56.77	100.00 (3:7)	0.00 (3:4)

표 7. 계속 (Continued): 상대습도의 월간 통계값 (1996년 4월)

높이 일	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	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99	9999.999999.99	(:) 9999.99	(:) 9999.99
2	0.00	0.00 (10:15)	0.00 (10:15)	0.00	0.00 (10:15)	0.00 (10:15)	0.00	0.00 (10:15)	0.00 (10:15)	10.40	33.29 (24:00)	0.00 (12:30)
3	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	13.26	35.85 (5:00)	0.00 (10:15)
4	5.56	100.00 (24:00)	0.00 (0:15)	0.75	14.60 (8:00)	0.00 (0:15)	1.11	50.24 (7:45)	0.00 (0:15)	25.39	71.25 (7:15)	0.00 (12:30)
5	46.83	100.00 (0:15)	0.00 (12:00)	24.51	98.94 (8:15)	0.00 (11:00)	26.82	99.99 (6:45)	0.00 (10:30)	49.45	99.79 (5:45)	0.18 (13:15)
6	60.18	100.00 (7:00)	0.00 (0:15)	50.29	100.00 (14:45)	0.00 (0:15)	46.95	100.00 (14:30)	0.00 (0:15)	77.48	100.00 (15:00)	30.67 (12:15)
7	87.84	100.00 (0:15)	0.00 (17:15)	74.08	100.00 (0:15)	0.00 (14:00)	65.02	100.00 (2:45)	0.00 (14:00)	80.44	100.00 (3:30)	17.73 (17:30)
8	47.53	100.00 (0:15)	0.00 (12:00)	39.83	100.00 (0:15)	0.00 (11:15)	36.55	100.00 (0:15)	0.00 (10:45)	47.51	100.00 (6:30)	0.00 (17:00)
9	33.88	100.00 (2:15)	0.00 (0:15)	31.25	99.44 (4:15)	0.00 (0:15)	25.89	100.00 (6:00)	0.00 (0:15)	36.81	99.95 (7:15)	0.00 (13:15)
10	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	6.83	27.03 (7:30)	0.00 (10:15)
11	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	9.41	41.62 (7:15)	0.00 (10:15)
12	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	19.67	63.40 (7:00)	0.00 (11:15)
13	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.06 (7:30)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	15.95	57.30 (7:30)	0.00 (11:30)
14	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	15.78	53.53 (7:15)	0.00 (11:30)
15	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	18.91	51.44 (7:15)	1.01 (14:00)
16	37.55	100.00 (3:45)	0.00 (0:15)	22.42	100.00 (23:15)	0.00 (0:15)	11.51	100.00 (23:15)	0.00 (0:15)	45.35	99.98 (24:00)	16.50 (10:45)
17	100.00	100.00 (0:15)	99.88 (23:00)	96.46	100.00 (0:15)	27.34 (24:00)	95.87	100.00 (0:15)	40.04 (24:00)	96.69	100.00 (0:30)	73.35 (24:00)
18	33.63	100.00 (0:15)	0.00 (9:00)	21.96	100.00 (5:00)	0.00 (4:00)	23.18	100.00 (5:45)	0.00 (8:45)	37.03	100.00 (5:45)	0.00 (15:15)
19	31.35	100.00 (2:30)	0.00 (0:15)	19.47	99.32 (7:15)	0.00 (0:15)	11.20	100.00 (6:45)	0.00 (0:15)	31.71	99.89 (7:00)	0.00 (14:00)
20	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	0.00	0.00 (0:15)	0.00 (0:15)	18.65	44.43 (6:15)	0.00 (16:00)
21	48.28	100.00 (3:30)	0.00 (0:15)	30.97	100.00 (5:00)	0.00 (0:15)	26.89	100.00 (5:30)	0.00 (0:15)	60.29	100.00 (6:15)	15.41 (12:30)
22	41.45	100.00 (0:15)	0.00 (10:30)	35.50	100.00 (6:45)	0.00 (10:00)	37.32	100.00 (2:45)	0.00 (10:00)	45.90	100.00 (6:45)	0.00 (15:45)
23	0.09	7.32 (8:15)	0.00 (0:15)	0.56	11.13 (6:30)	0.00 (0:15)	1.78	41.18 (7:15)	0.00 (0:15)	27.45	73.52 (6:30)	0.00 (11:45)
24	27.14	100.00 (5:15)	0.00 (0:15)	18.91	99.67 (7:30)	0.00 (0:15)	19.98	100.00 (6:30)	0.00 (0:15)	47.84	99.88 (6:45)	12.21 (13:15)
25	64.23	100.00 (1:30)	0.00 (15:30)	38.12	100.00 (5:00)	0.00 (13:15)	33.06	100.00 (4:00)	0.00 (11:30)	60.75	100.00 (5:45)	21.36 (16:30)
26	59.99	100.00 (1:00)	0.00 (13:30)	35.45	100.00 (4:30)	0.00 (12:15)	28.05	100.00 (4:15)	0.00 (11:45)	58.56	100.00 (5:15)	23.79 (15:30)
27	74.21	100.00 (0:15)	0.00 (14:45)	66.63	100.00 (1:15)	0.00 (14:15)	52.71	100.00 (0:45)	0.00 (14:00)	71.09	100.00 (1:15)	22.33 (15:30)
28	99.96	100.00 (0:15)	98.70 (15:45)	74.82	100.00 (0:15)	14.17 (18:15)	56.84	100.00 (0:15)	5.93 (18:00)	78.56	100.00 (0:15)	49.95 (16:00)
29	100.00	100.00 (0:15)	100.00 (0:15)	99.65	100.00 (4:00)	97.08 (12:00)	91.53	100.00 (3:45)	51.71 (0:15)	97.08	100.00 (4:00)	79.42 (12:00)
30	100.00	100.00 (0:15)	100.00 (0:15)	99.72	100.00 (8:45)	97.71 (8:15)	99.17	100.00 (0:15)	96.38 (20:45)	98.21	100.00 (0:15)	92.77 (20:15)
월	38.47	100.00 (4/4)	0.00 (4/2)	30.83	100.00 (4/6)	0.00 (4/2)	27.69	100.00 (4/6)	0.00 (4/2)	45.41	100.00 (4/6)	0.00 (4/2)

표 7. 계속 (Continued): 상대습도의 월간 통계값 (1996년 5월)

일	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	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	100.00 (0:15)	98.57	100.00 (8:45)	96.45 (1:30)	97.50	100.00 (7:15)	92.84 (2:45)
2	48.25	100.00 (0:15)	0.00 (12:00)	42.56	100.00 (0:15)	0.00 (11:30)	40.15	100.00 (0:15)	0.00 (11:30)	53.10	100.00 (0:15)	0.40 (16:00)
3	24.78	100.00 (5:15)	0.00 (0:15)	13.01	88.77 (5:45)	0.00 (0:15)	3.66	35.48 (7:45)	0.00 (0:15)	35.99	88.26 (6:15)	0.01 (17:00)
4	74.01	100.00 (7:00)	0.00 (0:15)	70.98	100.00 (7:30)	0.00 (0:15)	70.35	100.00 (7:30)	0.00 (0:15)	83.15	100.00 (7:15)	26.40 (0:30)
5	55.80	100.00 (0:15)	0.00 (15:30)	45.48	100.00 (0:15)	0.00 (11:45)	43.42	100.00 (1:15)	0.00 (11:45)	59.53	100.00 (2:45)	15.02 (21:00)
6	48.74	100.00 (6:00)	0.00 (0:15)	26.04	99.74 (8:30)	0.00 (0:15)	10.76	99.72 (7:15)	0.00 (0:15)	54.46	99.95 (7:00)	16.61 (16:30)
7	42.39	100.00 (0:15)	0.00 (11:15)	27.88	100.00 (2:45)	0.00 (9:00)	20.46	100.00 (3:45)	0.00 (9:00)	50.82	100.00 (4:15)	16.80 (14:45)
8	55.75	100.00 (0:30)	0.00 (13:00)	49.73	100.00 (0:45)	0.00 (12:00)	40.76	100.00 (1:15)	0.00 (12:00)	62.01	100.00 (1:00)	7.23 (17:15)
9	55.22	100.00 (0:15)	0.00 (10:30)	42.52	100.00 (1:30)	0.00 (9:45)	36.39	100.00 (1:45)	0.00 (9:45)	58.73	100.00 (1:45)	12.21 (14:30)
10	55.88	100.00 (0:15)	0.00 (13:00)	41.47	100.00 (0:15)	0.00 (11:00)	38.29	100.00 (0:15)	0.00 (10:45)	57.61	100.00 (0:30)	7.47 (18:15)
11	62.12	100.00 (0:15)	0.00 (16:15)	55.11	100.00 (4:30)	0.00 (12:00)	50.07	100.00 (4:30)	0.00 (12:15)	58.97	100.00 (5:00)	28.50 (16:15)
12	83.12	100.00 (0:15)	0.00 (12:15)	41.41	100.00 (4:00)	0.00 (11:00)	39.43	100.00 (0:15)	0.00 (10:45)	58.93	100.00 (0:15)	15.21 (18:00)
13	47.68	100.00 (0:15)	0.00 (0:15)	9.02	53.98 (7:30)	0.00 (0:15)	2.33	17.40 (24:00)	0.00 (0:15)	49.27	76.19 (24:00)	27.45 (16:00)
14	43.98	100.00 (5:45)	0.00 (13:45)	43.86	100.00 (3:30)	0.00 (12:15)	35.12	100.00 (2:15)	0.00 (11:30)	59.40	100.00 (3:00)	12.55 (14:45)
15	52.60	100.00 (1:15)	0.00 (11:45)	13.74	100.00 (6:45)	0.00 (0:15)	36.17	100.00 (1:30)	0.00 (10:45)	51.72	100.00 (1:45)	10.72 (18:15)
16	20.53	100.00 (6:15)	0.00 (0:15)	35.91	100.00 (3:15)	0.00 (0:15)	8.16	100.00 (7:00)	0.00 (0:15)	43.79	92.65 (7:00)	13.80 (17:00)
17	47.90	100.00 (1:45)	0.00 (0:15)	43.32	100.00 (22:00)	0.00 (0:15)	29.67	100.00 (3:00)	0.00 (11:15)	54.15	100.00 (3:30)	11.02 (18:00)
18	86.80	100.00 (0:15)	4.90 (15:00)	99.86	100.00 (0:15)	97.04 (17:45)	96.45	100.00 (0:15)	68.87 (11:00)	65.68	100.00 (7:00)	29.03 (13:15)
19	100.00	100.00 (0:15)	100.00 (0:15)	99.86	100.00 (0:15)	0.00 (12:15)	44.75	100.00 (3:15)	0.00 (12:30)	97.51	100.00 (0:15)	80.46 (10:45)
20	59.37	100.00 (0:15)	0.00 (13:30)	46.62	100.00 (0:15)	0.00 (12:15)	22.99	100.00 (5:45)	0.00 (13:15)	60.69	100.00 (3:15)	2.55 (16:00)
21	71.72	100.00 (0:15)	0.31 (19:15)	33.42	100.00 (6:30)	0.00 (1:15)	53.97	100.00 (0:15)	0.00 (13:15)	62.00	100.00 (5:45)	28.86 (16:30)
22	98.23	100.00 (0:15)	64.98 (17:30)	59.79	100.00 (1:00)	0.00 (13:45)	41.41	100.00 (0:15)	0.00 (12:00)	76.26	100.00 (0:15)	36.71 (16:45)
23	52.75	100.00 (0:15)	0.00 (13:15)	44.28	100.00 (0:15)	0.00 (12:00)	17.66	100.00 (5:15)	0.00 (12:00)	60.43	100.00 (0:15)	17.97 (16:30)
24	34.71	100.00 (3:15)	0.00 (0:15)	24.96	100.00 (6:45)	0.00 (0:15)	41.91	100.00 (0:15)	0.00 (12:00)	53.26	100.00 (5:15)	21.23 (16:15)
25	79.32	100.00 (2:15)	0.00 (0:15)	39.21	100.00 (5:00)	0.00 (0:15)	30.82	100.00 (4:00)	0.00 (0:15)	66.95	100.00 (4:30)	31.26 (13:45)
26	76.59	100.00 (0:15)	9.10 (15:15)	49.23	100.00 (2:15)	0.00 (12:45)	44.74	100.00 (1:00)	0.00 (12:45)	71.29	100.00 (1:30)	29.08 (15:15)
27	80.88	100.00 (0:30)	4.13 (19:45)	47.89	100.00 (2:30)	0.00 (13:30)	43.48	100.00 (1:00)	0.00 (14:00)	69.87	100.00 (1:30)	32.04 (17:30)
28	99.98	100.00 (0:15)	98.89 (1:00)	65.07	100.00 (4:30)	19.92 (17:00)	47.18	100.00 (3:00)	2.57 (14:45)	77.20	100.00 (3:45)	51.91 (14:30)
29	100.00	100.00 (0:15)	100.00 (0:15)	95.35	100.00 (0:15)	40.30 (16:00)	71.48	100.00 (0:15)	9.13 (16:00)	89.09	100.00 (0:15)	59.29 (16:00)
30	99.99	100.00 (0:15)	99.09 (14:45)	70.54	100.00 (0:15)	0.00 (17:00)	60.40	100.00 (0:15)	0.00 (17:15)	82.73	100.00 (0:15)	44.98 (17:00)
31	64.62	100.00 (5:1)	0.00 (5:2)	47.17	100.00 (5:1)	0.00 (5:2)	40.20	100.00 (5:1)	0.00 (5:2)	64.36	100.00 (5:1)	0.01 (5:3)

표 7. 계속 (Continued): 상대습도의 월간 통계값 (1996년 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	99.98	100.00 (0:15)	99.29 (21:45)	56.56	100.00 (0:15)	0.00 (13:45)	49.67	100.00 (0:15)	0.00 (14:00)	76.43	100.00 (0:15)	43.46 (18:15)
2	99.96	100.00 (1:15)	98.85 (1:00)	73.19	100.00 (2:45)	5.67 (18:00)	53.11	100.00 (2:45)	3.68 (18:15)	80.96	100.00 (3:00)	51.61 (17:45)
3	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	100.00 (0:15)	99.15	100.00 (0:15)	96.06 (13:15)	98.34	100.00 (0:15)	92.23 (21:45)
4	59.62	100.00 (0:15)	0.00 (16:30)	52.62	100.00 (0:15)	0.00 (13:15)	47.64	100.00 (0:15)	0.00 (13:45)	71.64	100.00 (0:15)	26.37 (17:30)
5	49.18	100.00 (2:00)	0.00 (0:15)	31.56	99.84 (3:45)	0.00 (0:15)	25.93	100.00 (3:45)	0.00 (12:45)	59.58	100.00 (3:15)	23.84 (19:00)
6	47.45	100.00 (3:45)	0.00 (0:15)	20.12	100.00 (7:15)	0.00 (0:15)	14.28	100.00 (6:15)	0.00 (0:15)	57.19	99.92 (6:45)	29.13 (14:45)
7	96.75	100.00 (3:00)	50.78 (0:15)	88.29	100.00 (4:00)	0.00 (0:15)	87.68	100.00 (3:45)	4.69 (1:00)	95.15	100.00 (3:15)	59.71 (0:15)
8	100.00	100.00 (0:15)	100.00 (0:15)	99.86	100.00 (0:15)	97.79 (13:30)	81.40	100.00 (2:45)	29.89 (17:30)	98.88	100.00 (0:30)	89.48 (17:15)
9	100.00	100.00 (0:15)	100.00 (0:15)	91.96	100.00 (0:15)	36.72 (16:00)	74.29	100.00 (0:15)	11.23 (16:00)	92.53	100.00 (0:15)	62.47 (16:00)
10	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	100.00 (0:15)	99.66	100.00 (0:15)	96.23 (1:30)	98.71	100.00 (0:15)	92.33 (6:15)
11	100.00	100.00 (0:15)	100.00 (0:15)	99.88	100.00 (0:15)	98.13 (12:30)	93.41	100.00 (0:15)	56.96 (15:45)	99.80	100.00 (0:15)	93.87 (9:00)
12	100.00	100.00 (0:15)	100.00 (0:15)	99.76	100.00 (0:15)	97.71 (12:00)	99.09	100.00 (10:30)	96.50 (3:45)	98.65	100.00 (10:15)	92.81 (3:45)
13	100.00	100.00 (0:15)	100.00 (0:15)	98.69	100.00 (0:15)	90.66 (18:15)	72.78	100.00 (0:15)	31.46 (15:00)	98.06	100.00 (0:15)	90.19 (15:15)
14	100.00	100.00 (0:15)	100.00 (0:15)	98.09	100.00 (0:15)	83.30 (12:30)	72.45	100.00 (0:15)	35.60 (14:30)	99.12	100.00 (0:15)	93.23 (12:15)
15	100.00	100.00 (0:15)	100.00 (0:15)	98.86	100.00 (0:30)	80.07 (17:30)	71.20	100.00 (1:00)	25.54 (16:45)	98.49	100.00 (0:15)	88.26 (17:30)
16	100.00	100.00 (0:15)	100.00 (0:15)	99.84	100.00 (0:15)	97.43 (13:00)	87.61	100.00 (0:15)	45.50 (17:30)	100.00	100.00 (0:15)	99.80 (16:00)
17	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	100.00 (0:15)	98.31	100.00 (11:45)	96.19 (11:00)	96.39	100.00 (22:15)	92.77 (19:00)
18	100.00	100.00 (0:15)	99.74 (17:45)	97.12	100.00 (0:15)	74.87 (18:00)	86.12	100.00 (0:15)	42.62 (18:45)	98.80	100.00 (5:30)	92.22 (1:00)
19	100.00	100.00 (0:15)	99.74 (17:45)	93.57	100.00 (0:15)	32.91 (17:45)	78.42	100.00 (0:15)	21.44 (17:45)	97.72	100.00 (0:15)	78.87 (17:45)
20	100.00	100.00 (0:15)	100.00 (0:15)	99.81	100.00 (0:15)	97.14 (7:30)	99.96	100.00 (1:15)	98.73 (0:45)	100.00	100.00 (0:15)	100.00 (0:15)
21	100.00	100.00 (0:15)	100.00 (0:15)	97.81	100.00 (0:15)	81.09 (13:45)	81.63	100.00 (0:15)	48.84 (13:45)	99.65	100.00 (0:15)	93.83 (13:30)
22	100.00	100.00 (0:15)	100.00 (0:15)	89.01	100.00 (4:45)	45.48 (17:30)	69.44	100.00 (2:00)	24.98 (17:45)	95.81	100.00 (0:15)	77.93 (17:30)
23	100.00	100.00 (0:15)	100.00 (0:15)	98.28	100.00 (2:00)	96.53 (1:15)	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	100.00 (0:15)
24	9999.999999	(:) 9999.99 (:) 9999.99 (:) 9999.99 (:) 9999.999999	(:) 9999.99 (:) 9999.99 (:) 9999.999999	(:) 9999.999999	(:) 9999.99 (:) 9999.99 (:) 9999.999999	(:) 9999.99 (:) 9999.99 (:) 9999.999999	(:) 9999.999999	(:) 9999.999999	(:) 9999.99 (:) 9999.99 (:) 9999.999999	(:) 9999.999999	(:) 9999.999999	(:) 9999.99 (:) 9999.99 (:) 9999.999999
25	9999.999999	(:) 9999.99 (:) 9999.99 (:) 9999.999999	(:) 9999.99 (:) 9999.99 (:) 9999.999999	(:) 9999.999999	(:) 9999.99 (:) 9999.99 (:) 9999.999999	(:) 9999.99 (:) 9999.99 (:) 9999.999999	(:) 9999.999999	(:) 9999.999999	(:) 9999.99 (:) 9999.99 (:) 9999.999999	(:) 9999.999999	(:) 9999.999999	(:) 9999.99 (:) 9999.99 (:) 9999.999999
26	100.00	100.00 (10:00)	100.00 (10:00)	99.76	100.00 (10:00)	97.98 (15:15)	86.64	100.00 (10:00)	58.88 (16:45)	100.00	100.00 (10:00)	100.00 (10:00)
27	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	100.00 (0:15)	98.69	100.00 (0:15)	96.86 (9:45)	99.02	100.00 (0:15)	97.53 (9:30)
28	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	100.00 (0:15)	99.20	100.00 (11:45)	96.60 (9:30)	97.66	99.71 (12:30)	93.34 (9:00)
29	100.00	100.00 (0:15)	100.00 (0:15)	99.63	100.00 (0:15)	96.47 (16:00)	99.06	100.00 (10:15)	97.13 (8:00)	98.53	100.00 (11:15)	94.29 (7:15)
30	100.00	100.00 (0:15)	100.00 (0:15)	99.74	100.00 (0:15)	96.98 (19:00)	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	100.00 (0:15)
월	94.50	100.00 (6/1)	0.00 (6/4)	88.23	100.00 (6/1)	0.00 (6/1)	78.76	100.00 (6/1)	0.00 (6/1)	92.78	100.00 (6/1)	23.84 (6/5)

표 7. 계속 (Continued): 상대습도의 월간 통계값 (1996년 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	100.00	100.00 (0:15)	100.00 (0:15)	99.91	100.00 (0:15)	97.71 (13:30)	97.49	100.00 (0:15)	77.23 (16:00)	100.00	100.00 (0:15)	100.00 (0:15)
2	100.00	100.00 (0:15)	100.00 (0:15)	99.83	100.00 (0:15)	97.39 (20:45)	91.54	100.00 (0:15)	56.32 (16:30)	100.00	100.00 (0:15)	100.00 (0:15)
3	99.82	100.00 (0:15)	98.41 (17:30)	83.48	100.00 (0:15)	44.15 (17:15)	68.96	100.00 (0:15)	24.20 (17:15)	100.00	100.00 (0:15)	86.67 (14:30)
4	100.00	100.00 (0:15)	100.00 (0:15)	99.94	100.00 (1:00)	97.63 (0:15)	100.00	100.00 (0:15)	100.00	100.00	100.00 (0:15)	100.00 (0:15)
5	99.98	100.00 (0:15)	98.82 (17:30)	87.51	100.00 (0:15)	25.30 (17:15)	76.35	100.00 (0:15)	13.23 (17:00)	98.05	100.00 (0:15)	78.78 (16:45)
6	99.84	100.00 (0:15)	98.44 (19:00)	74.00	100.00 (0:15)	24.69 (16:45)	62.81	100.00 (0:15)	14.14 (16:45)	96.45	100.00 (0:15)	81.33 (15:45)
7	99.67	100.00 (4:00)	98.55 (1:15)	33.36	78.25 (5:15)	5.45 (17:15)	22.25	36.84 (6:45)	7.38 (17:15)	82.17	99.07 (4:30)	64.94 (17:15)
8	99.92	100.00 (0:15)	98.67 (11:30)	38.79	99.81 (7:00)	0.00 (15:30)	21.90	53.27 (6:15)	2.54 (18:45)	82.45	100.00 (4:30)	59.92 (17:30)
9	100.00	100.00 (0:15)	99.83 (23:30)	27.79	74.89 (23:45)	5.43 (17:00)	19.91	66.47 (6:45)	3.45 (17:00)	82.06	100.00 (4:45)	63.11 (17:00)
10	99.99	100.00 (0:15)	99.44 (4:45)	70.15	99.73 (24:00)	38.35 (16:45)	27.79	44.36 (6:30)	13.35 (16:15)	89.71	100.00 (4:45)	74.76 (15:45)
11	100.00	100.00 (0:15)	100.00 (0:15)	73.31	99.99 (6:00)	36.35 (14:15)	32.56	68.76 (6:45)	14.94 (10:30)	89.86	100.00 (0:15)	73.52 (10:30)
12	99.86	100.00 (0:15)	98.74 (7:30)	90.13	100.00 (15:30)	47.87 (7:45)	59.30	100.00 (17:45)	23.81 (8:00)	98.96	100.00 (0:15)	91.31 (7:30)
13	100.00	100.00 (0:15)	100.00 (0:15)	99.39	100.00 (0:15)	96.87 (19:45)	83.38	100.00 (0:15)	44.71 (13:45)	100.00	100.00 (0:15)	100.00 (0:15)
14	100.00	100.00 (0:15)	100.00 (0:15)	99.83	100.00 (0:15)	97.09 (14:30)	84.12	100.00 (0:15)	34.48 (17:45)	99.96	100.00 (0:15)	98.78 (18:00)
15	100.00	100.00 (0:15)	100.00 (0:15)	87.30	100.00 (0:15)	48.38 (21:45)	84.18	100.00 (0:15)	46.12 (21:45)	99.98	100.00 (0:15)	99.72 (10:15)
16	100.00	100.00 (0:15)	100.00 (0:15)	97.14	100.00 (2:15)	49.33 (0:30)	79.24	100.00 (9:00)	46.48 (17:30)	100.00	100.00 (0:15)	100.00 (0:15)
17	100.00	100.00 (0:15)	100.00 (0:15)	90.16	100.00 (2:15)	42.18 (16:00)	79.04	100.00 (0:15)	37.70 (16:00)	99.97	100.00 (0:15)	98.95 (16:00)
18	99.91	100.00 (0:15)	98.81 (15:00)	77.36	100.00 (0:15)	18.37 (14:15)	67.24	100.00 (0:15)	22.61 (14:30)	97.74	100.00 (0:15)	80.49 (14:15)
19	100.00	100.00 (0:15)	100.00 (0:15)	96.90	100.00 (1:15)	68.43 (15:15)	78.20	100.00 (0:15)	26.93 (15:15)	99.55	100.00 (0:15)	92.00 (15:00)
20	100.00	100.00 (0:15)	100.00 (0:15)	99.86	100.00 (0:15)	96.87 (18:15)	99.61	100.00 (0:15)	89.16 (17:45)	100.00	100.00 (0:15)	100.00 (0:15)
21	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	100.00 (0:15)	99.93	100.00 (0:15)	97.08 (8:45)	99.73	100.00 (0:15)	97.51 (24:00)
22	100.00	100.00 (0:15)	100.00 (0:15)	99.86	100.00 (0:15)	97.38 (15:45)	99.57	100.00 (0:15)	96.83 (9:00)	98.58	100.00 (12:00)	96.43 (4:00)
23	100.00	100.00 (0:15)	100.00 (0:15)	99.56	100.00 (0:15)	94.98 (17:15)	82.32	100.00 (0:15)	41.42 (17:30)	99.97	100.00 (0:15)	99.79 (3:15)
24	100.00	100.00 (0:15)	100.00 (0:15)	92.17	100.00 (0:15)	51.75 (16:45)	78.87	100.00 (0:15)	38.89 (16:45)	99.89	100.00 (0:15)	96.11 (16:45)
25	99.87	100.00 (0:15)	98.47 (19:00)	76.36	100.00 (0:15)	29.11 (13:30)	64.66	100.00 (3:30)	28.88 (13:15)	96.31	100.00 (0:15)	83.99 (15:15)
26	100.00	100.00 (0:15)	100.00 (0:15)	99.68	100.00 (0:15)	92.47 (17:30)	69.57	100.00 (23:15)	44.95 (17:30)	100.00	100.00 (0:15)	100.00 (0:15)
27	100.00	100.00 (0:15)	100.00 (0:15)	89.26	100.00 (4:00)	34.55 (13:15)	80.49	100.00 (0:15)	29.93 (13:15)	98.62	100.00 (0:15)	85.03 (13:00)
28	100.00	100.00 (0:15)	100.00 (0:15)	99.84	100.00 (0:15)	97.48 (16:45)	85.69	100.00 (0:15)	49.78 (16:00)	99.24	100.00 (9:15)	96.92 (7:00)
29	100.00	100.00 (0:15)	100.00 (0:15)	88.00	100.00 (0:15)	43.22 (15:45)	75.65	100.00 (0:15)	36.32 (15:45)	99.22	100.00 (0:15)	96.55 (16:45)
30	99.90	100.00 (0:15)	98.76 (21:00)	71.17	100.00 (1:30)	17.96 (17:45)	61.72	100.00 (1:45)	19.83 (18:00)	95.34	100.00 (0:15)	75.57 (18:00)
31	100.00	100.00 (0:15)	99.64 (20:00)	72.30	100.00 (0:15)	19.40 (19:15)	59.86	100.00 (0:45)	20.11 (16:45)	95.82	100.00 (0:15)	81.67 (16:45)
월	99.96	100.00 (7/1)	98.41 (7/3)	84.33	100.00 (7/1)	0.00 (7/8)	70.78	100.00 (7/1)	2.54 (7/8)	96.68	100.00 (7/1)	59.92 (7/8)

표 7. 계속 (Continued): 상대습도의 월간 통계값 (1996년 8월)

높이 일	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	99.95	100.00 (0:15)	98.38 (16:15)	74.99	100.00 (1:15)	12.07 (14:15)	58.04	100.00 (3:45)	15.29 (14:15)	93.77	100.00 (0:15)	72.94 (14:00)
2	100.00	100.00 (0:15)	100.00 (0:15)	73.23	100.00 (1:00)	5.80 (16:30)	63.38	100.00 (0:30)	15.52 (16:30)	94.97	100.00 (0:15)	72.09 (16:45)
3	99.93	100.00 (0:15)	98.55 (17:45)	70.50	100.00 (2:00)	8.29 (16:00)	53.55	100.00 (4:30)	13.42 (15:15)	93.97	100.00 (0:15)	71.61 (16:15)
4	100.00	100.00 (0:15)	100.00 (0:15)	99.62	100.00 (1:00)	95.29 (0:15)	82.17	100.00 (2:45)	36.28 (13:15)	99.96	100.00 (0:15)	97.87 (13:15)
5	100.00	100.00 (0:15)	100.00 (0:15)	98.98	100.00 (0:15)	83.25 (18:00)	72.44	100.00 (0:15)	36.66 (18:00)	99.49	100.00 (0:15)	96.97 (3:30)
6	99.90	100.00 (0:15)	98.72 (11:45)	54.70	100.00 (0:15)	0.00 (15:15)	48.39	100.00 (2:30)	5.44 (14:15)	90.02	100.00 (0:15)	59.84 (16:15)
7	100.00	100.00 (0:15)	100.00 (0:15)	80.78	100.00 (6:15)	42.61 (16:30)	42.01	87.74 (24:00)	19.72 (16:30)	95.85	100.00 (0:15)	81.90 (16:15)
8	100.00	100.00 (0:15)	100.00 (0:15)	99.49	100.00 (1:15)	92.59 (14:45)	70.07	100.00 (1:30)	25.37 (13:45)	99.25	100.00 (0:15)	90.14 (14:15)
9	100.00	100.00 (0:15)	100.00 (0:15)	98.30	100.00 (0:15)	82.28 (17:45)	71.92	100.00 (0:15)	25.82 (15:00)	99.43	100.00 (0:15)	93.23 (14:45)
10	100.00	100.00 (0:15)	100.00 (0:15)	90.81	100.00 (0:15)	43.70 (16:00)	48.41	78.35 (7:30)	15.55 (16:00)	96.68	100.00 (0:15)	74.53 (14:45)
11	100.00	100.00 (0:15)	100.00 (0:15)	87.42	100.00 (0:15)	42.04 (17:30)	42.45	73.40 (7:30)	10.64 (16:30)	94.10	100.00 (0:15)	79.18 (16:00)
12	99.94	100.00 (0:15)	98.28 (16:30)	72.32	100.00 (1:00)	12.62 (18:15)	53.95	100.00 (0:45)	10.64 (16:30)	89.69	100.00 (0:15)	66.69 (14:45)
13	99.96	100.00 (0:15)	98.25 (15:30)	74.18	100.00 (0:30)	0.00 (17:30)	56.65	100.00 (2:30)	7.75 (17:30)	91.72	100.00 (0:15)	63.28 (17:30)
14	100.00	100.00 (0:15)	100.00 (0:15)	85.21	100.00 (0:15)	35.36 (15:15)	56.82	100.00 (0:15)	14.99 (15:15)	92.63	100.00 (0:15)	70.83 (15:15)
15	99.98	100.00 (0:15)	99.05 (13:00)	53.61	100.00 (0:45)	0.00 (14:15)	46.47	100.00 (2:00)	1.41 (18:00)	82.95	100.00 (0:15)	52.58 (16:15)
16	98.98	100.00 (0:15)	87.02 (16:15)	57.25	100.00 (0:45)	0.00 (13:30)	45.03	100.00 (3:30)	0.00 (14:00)	82.85	100.00 (0:15)	45.96 (14:45)
17	96.56	100.00 (0:15)	61.34 (17:15)	49.29	100.00 (2:15)	0.00 (13:30)	39.55	100.00 (4:15)	0.00 (15:15)	82.54	100.00 (2:15)	46.28 (15:30)
18	100.00	100.00 (0:15)	99.72 (14:45)	56.01	100.00 (0:15)	0.00 (16:15)	46.39	100.00 (2:30)	3.52 (16:30)	85.10	100.00 (0:15)	57.12 (16:15)
19	99.97	100.00 (0:15)	99.00 (18:00)	75.99	100.00 (0:30)	0.01 (16:45)	62.19	100.00 (1:30)	5.47 (16:45)	89.24	100.00 (0:30)	57.64 (16:45)
20	100.00	100.00 (0:15)	100.00 (0:15)	88.84	100.00 (0:15)	36.01 (16:45)	65.10	100.00 (0:15)	19.24 (15:30)	95.50	100.00 (7:00)	81.08 (15:30)
21	100.00	100.00 (0:15)	100.00 (0:15)	99.92	100.00 (0:45)	97.78 (0:15)	81.98	100.00 (1:15)	24.65 (16:15)	98.59	100.00 (0:15)	93.36 (24:00)
22	100.00	100.00 (0:15)	100.00 (0:15)	99.93	100.00 (0:15)	98.01 (21:45)	77.56	100.00 (0:15)	36.34 (17:15)	97.72	100.00 (9:15)	92.90 (5:15)
23	100.00	100.00 (0:15)	100.00 (0:15)	95.88	100.00 (0:15)	44.37 (13:15)	68.90	100.00 (0:15)	19.19 (13:15)	98.19	100.00 (0:15)	83.48 (13:00)
24	77.17	100.00 (0:15)	7.52 (6:30)	12.44	100.00 (0:30)	0.00 (4:15)	10.31	60.81 (0:15)	0.00 (5:15)	66.02	100.00 (0:15)	48.81 (6:15)
25	100.00	100.00 (0:15)	100.00 (0:15)	17.36	58.00 (20:15)	0.00 (0:15)	22.87	35.45 (20:15)	12.13 (10:45)	81.21	99.55 (20:00)	70.06 (10:45)
26	100.00	100.00 (0:15)	99.54 (1:45)	96.53	100.00 (2:30)	29.40 (0:30)	91.77	100.00 (3:30)	25.52 (0:30)	97.13	100.00 (1:45)	83.82 (0:15)
27	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)	97.61	100.00 (5:30)	92.72 (22:15)
28	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)	96.79	100.00 (15:15)	92.71 (0:30)
29	99.97	100.00 (0:15)	99.04 (19:00)	65.78	100.00 (0:15)	0.00 (15:30)	60.17	100.00 (0:15)	8.16 (15:30)	94.18	100.00 (9:00)	68.55 (15:30)
30	100.00	100.00 (0:15)	100.00 (0:15)	99.78	100.00 (0:30)	85.93 (0:15)	91.29	100.00 (1:15)	46.51 (0:15)	99.49	100.00 (0:15)	96.92 (7:45)
31	99.99	100.00 (0:15)	99.22 (17:45)	74.94	100.00 (0:15)	0.00 (16:30)	66.21	100.00 (0:15)	7.70 (17:00)	96.85	100.00 (10:45)	77.42 (16:45)
월	99.11	100.00 (8/1)	7.52 (8/24)	77.52	100.00 (8/1)	0.00 (8/6)	61.16	100.00 (8/1)	0.00 (8/16)	92.69	100.00 (8/1)	45.96 (8/16)

표 7. 계속 (Continued): 상대습도의 월간 통계값 (1996년 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	85.31	100.00 (0:15)	10.87 (16:45)	58.47	100.00 (1:45)	0.00 (14:00)	53.22	100.00 (0:30)	0.00 (15:30)	88.50	100.00 (0:15)	51.20 (16:45)
2	67.50	100.00 (0:15)	0.00 (15:15)	50.29	100.00 (0:45)	0.00 (12:45)	49.74	100.00 (0:45)	0.00 (14:00)	81.66	100.00 (0:15)	41.60 (16:45)
3	88.12	100.00 (0:15)	0.00 (16:00)	50.95	100.00 (0:45)	0.00 (13:15)	50.53	100.00 (1:00)	0.00 (15:45)	84.14	100.00 (0:15)	44.67 (16:15)
4	100.00	100.00 (0:15)	100.00 (0:15)	97.23	100.00 (1:15)	40.01 (0:15)	67.23	100.00 (2:45)	24.36 (12:45)	99.16	100.00 (0:45)	87.35 (12:15)
5	100.00	100.00 (0:15)	99.53 (12:15)	66.33	100.00 (0:30)	0.00 (12:45)	58.58	100.00 (1:30)	1.45 (12:45)	93.51	100.00 (0:15)	59.83 (12:45)
6	100.00	100.00 (0:15)	100.00 (0:15)	99.49	100.00 (0:15)	90.42 (17:45)	74.76	100.00 (1:45)	39.74 (15:30)	99.80	100.00 (0:15)	97.97 (7:30)
7	56.60	100.00 (0:15)	0.00 (14:00)	50.62	100.00 (0:15)	0.00 (13:15)	50.41	100.00 (0:15)	0.00 (14:00)	77.90	100.00 (0:15)	31.47 (15:15)
8	65.08	100.00 (1:00)	0.00 (0:15)	32.61	100.00 (20:15)	0.00 (0:15)	35.42	100.00 (20:45)	0.00 (11:30)	79.95	100.00 (2:30)	31.93 (14:30)
9	99.89	100.00 (0:15)	98.83 (21:00)	82.22	100.00 (0:15)	19.66 (15:45)	75.18	100.00 (0:15)	13.60 (16:15)	97.38	100.00 (0:15)	82.54 (16:00)
10	100.00	100.00 (0:15)	99.88 (22:15)	65.93	100.00 (0:15)	0.00 (17:30)	62.13	100.00 (0:15)	10.52 (15:15)	93.38	100.00 (0:15)	74.59 (14:45)
11	77.06	100.00 (0:15)	0.00 (16:00)	63.09	100.00 (0:15)	0.00 (13:00)	63.54	100.00 (0:15)	0.00 (15:45)	88.48	100.00 (0:15)	51.88 (14:00)
12	94.30	100.00 (0:15)	29.04 (14:15)	53.82	100.00 (0:15)	0.00 (12:30)	56.88	100.00 (0:15)	0.33 (13:45)	88.76	100.00 (0:15)	54.60 (13:45)
13	50.62	100.00 (0:15)	0.00 (12:15)	46.43	100.00 (0:30)	0.00 (11:45)	45.77	100.00 (2:00)	0.00 (12:00)	76.24	100.00 (0:15)	36.15 (17:30)
14	96.87	100.00 (1:15)	35.34 (0:15)	54.33	100.00 (2:45)	0.00 (0:15)	51.79	100.00 (2:00)	0.00 (16:15)	87.65	100.00 (0:15)	54.15 (16:00)
15	100.00	100.00 (0:15)	100.00 (0:15)	99.96	100.00 (0:15)	99.50 (0:30)	100.00	100.00 (0:15)	100.00 (0:15)	100.00	100.00 (0:15)	99.99 (3:00)
16	74.88	100.00 (10:30)	0.00 (14:00)	39.77	100.00 (10:30)	0.00 (13:00)	100.00	100.00 (10:30)	100.00 (10:30)	79.96	100.00 (10:30)	45.43 (14:15)
17	99.95	100.00 (0:15)	99.27 (19:15)	73.03	100.00 (0:15)	0.00 (16:45)	99.99	99.99 (99.99)	(. . .) 99.99 (99.99)	94.23	100.00 (0:15)	71.39 (16:00)
18	94.07	100.00 (12:00)	77.84 (19:00)	77.16	99.93 (22:15)	0.00 (14:00)	80.72	98.82 (24:00)	66.12 (16:00)	82.66	100.00 (21:15)	55.96 (14:15)
19	99.29	100.00 (0:15)	95.27 (19:30)	99.92	99.99 (8:45)	99.85 (23:45)	97.09	100.00 (1:00)	88.12 (17:45)	99.86	100.00 (0:15)	96.73 (9:45)
20	77.47	100.00 (0:15)	45.64 (14:00)	87.89	99.99 (10:00)	63.32 (14:00)	75.03	100.00 (0:15)	41.76 (14:00)	66.74	100.00 (9:00)	18.82 (14:00)
21	70.71	100.00 (7:30)	52.38 (17:00)	87.42	99.75 (9:15)	71.93 (17:00)	72.53	99.90 (7:30)	49.72 (17:00)	66.46	100.00 (1:00)	27.76 (16:45)
22	78.04	100.00 (4:15)	56.81 (12:15)	89.42	99.91 (10:00)	71.89 (13:00)	76.19	100.00 (9:00)	49.68 (12:15)	70.05	100.00 (1:15)	29.28 (13:00)
23	85.64	100.00 (21:45)	66.20 (16:30)	95.32	99.88 (23:30)	83.83 (15:30)	81.87	99.95 (23:15)	61.54 (15:30)	77.65	100.00 (21:30)	44.59 (15:30)
24	88.27	100.00 (0:15)	60.69 (15:30)	95.79	100.00 (10:00)	77.73 (15:30)	86.12	100.00 (9:15)	55.55 (15:30)	82.73	100.00 (0:15)	38.83 (15:30)
25	81.62	100.00 (0:15)	42.37 (18:45)	91.17	100.00 (9:45)	61.25 (19:00)	78.96	100.00 (9:00)	37.00 (19:00)	74.11	100.00 (0:15)	16.79 (19:00)
26	85.17	100.00 (0:45)	49.47 (15:15)	93.53	100.00 (10:00)	70.31 (15:15)	82.17	99.94 (24:00)	47.72 (15:15)	78.90	100.00 (1:00)	26.96 (15:15)
27	84.05	100.00 (0:15)	63.72 (16:15)	93.00	100.00 (8:30)	81.00 (16:15)	79.64	100.00 (7:45)	58.24 (16:15)	73.73	100.00 (0:15)	41.36 (16:15)
28	79.95	92.96 (5:45)	70.52 (15:15)	94.33	99.72 (8:00)	86.60 (12:00)	74.36	89.70 (8:15)	63.42 (13:00)	86.74	100.00 (7:30)	47.44 (13:15)
29	89.46	100.00 (9:30)	77.91 (16:00)	99.02	99.88 (10:45)	93.42 (15:30)	85.36	99.93 (23:15)	68.72 (15:30)	86.74	100.00 (5:00)	59.86 (13:15)
30	86.48	100.00 (0:30)	69.67 (15:00)	95.19	100.00 (9:15)	83.63 (14:00)	82.46	100.00 (9:00)	62.01 (15:30)	78.90	100.00 (0:15)	46.96 (14:00)
월	84.70	100.00 (9/1)	0.00 (9/2)	75.47	100.00 (9/1)	0.00 (9/1)	67.87	100.00 (9/1)	0.00 (9/1)	83.67	100.00 (9/1)	16.79 (9/25)

표 7. 계속 (Continued): 상대습도의 월간 통계값 (1996년 10월)

높이 일	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	79.50	100.00 (6:30)	61.88 (15:45)	93.12	99.83 (9:30)	79.90 (15:45)	75.50	98.57 (3:45)	56.45 (14:15)	69.37	100.00 (4:00)	39.71 (14:15)
2	88.98	100.00 (15:00)	67.11 (2:45)	96.89	99.77 (14:00)	83.85 (1:45)	83.86	99.93 (20:30)	61.52 (1:45)	79.73	100.00 (19:00)	46.02 (2:00)
3	94.93	100.00 (0:15)	73.58 (14:45)	98.87	99.86 (12:15)	89.55 (14:45)	93.17	99.92 (0:30)	67.77 (14:45)	92.15	100.00 (0:15)	56.64 (14:45)
4	91.36	100.00 (0:15)	68.88 (15:30)	97.73	99.98 (11:00)	84.70 (15:30)	89.27	99.95 (8:45)	61.19 (15:30)	89.28	100.00 (10:00)	50.66 (15:30)
5	96.14	100.00 (0:15)	81.58 (14:00)	99.70	99.93 (11:15)	98.04 (15:15)	93.86	99.99 (10:30)	72.64 (15:15)	95.52	100.00 (0:15)	72.07 (15:15)
6	99.89	100.00 (1:45)	97.52 (1:15)	99.80	99.86 (11:45)	99.71 (21:00)	99.74	100.00 (11:45)	97.38 (0:30)	98.91	100.00 (0:15)	93.44 (23:15)
7	87.96	100.00 (0:15)	67.61 (16:45)	97.71	99.75 (0:15)	87.71 (15:00)	87.19	99.89 (0:15)	64.03 (15:00)	93.04	100.00 (2:15)	57.52 (15:00)
8	75.68	100.00 (3:30)	42.65 (15:00)	87.44	99.66 (8:45)	63.46 (15:00)	74.37	99.87 (8:15)	39.97 (15:00)	66.02	100.00 (0:15)	12.35 (15:00)
9	75.41	100.00 (6:45)	44.63 (15:30)	88.31	99.82 (10:45)	60.92 (15:45)	74.53	99.87 (8:15)	39.32 (16:00)	68.53	100.00 (0:45)	14.33 (15:45)
10	77.19	100.00 (4:00)	46.23 (16:15)	89.44	99.72 (8:30)	68.19 (14:45)	76.79	99.89 (7:45)	45.47 (15:00)	70.05	100.00 (2:15)	19.51 (14:45)
11	81.46	100.00 (0:15)	46.11 (18:30)	90.22	99.81 (11:00)	66.97 (18:15)	78.05	99.92 (8:15)	44.99 (14:45)	71.58	100.00 (0:15)	18.90 (15:30)
12	81.46	100.00 (6:15)	45.13 (16:00)	92.09	99.71 (8:45)	62.82 (16:00)	79.61	99.88 (8:45)	40.37 (16:00)	74.57	100.00 (3:30)	16.11 (16:00)
13	86.38	100.00 (0:15)	60.06 (18:00)	94.62	99.81 (8:30)	79.07 (18:00)	83.90	99.98 (9:00)	56.91 (15:00)	77.81	100.00 (0:15)	36.92 (14:45)
14	85.38	100.00 (3:30)	52.25 (17:30)	93.96	99.79 (10:45)	68.91 (17:45)	82.37	100.00 (10:00)	46.83 (17:30)	76.05	100.00 (1:00)	26.67 (17:45)
15	66.63	95.63 (5:00)	36.50 (12:30)	83.43	99.69 (8:30)	56.97 (12:45)	66.49	99.83 (3:15)	31.24 (12:45)	52.84	100.00 (3:30)	0.72 (14:30)
16	75.95	99.71 (6:00)	51.77 (17:00)	89.52	99.69 (8:45)	69.32 (17:00)	74.30	99.85 (7:45)	46.08 (16:15)	63.35	100.00 (3:45)	18.36 (14:00)
17	86.02	100.00 (0:15)	56.29 (15:45)	94.54	99.60 (10:30)	73.64 (16:00)	82.63	99.84 (8:15)	50.73 (15:45)	76.44	100.00 (0:15)	25.78 (15:00)
18	89.07	100.00 (2:30)	78.84 (12:45)	96.32	99.70 (8:45)	94.01 (16:15)	84.96	99.83 (7:30)	69.74 (16:30)	82.09	100.00 (3:00)	57.74 (14:15)
19	83.95	100.00 (0:30)	54.42 (16:15)	92.68	99.73 (9:00)	70.37 (16:15)	81.18	99.95 (8:45)	48.71 (16:30)	73.51	100.00 (0:15)	23.96 (16:15)
20	81.29	100.00 (0:30)	55.66 (17:15)	91.45	99.81 (10:45)	72.51 (15:45)	79.76	99.99 (10:00)	50.51 (14:00)	71.31	100.00 (0:15)	23.61 (16:00)
21	77.42	91.16 (9:15)	61.08 (17:45)	92.98	99.60 (9:00)	77.72 (16:15)	75.38	92.95 (8:00)	53.33 (16:15)	69.85	100.00 (4:30)	29.76 (16:15)
22	76.39	100.00 (2:45)	39.55 (16:15)	87.44	99.78 (9:00)	59.68 (15:15)	73.86	99.96 (8:45)	35.85 (16:15)	65.42	100.00 (0:30)	7.55 (16:15)
23	83.92	100.00 (5:15)	64.89 (14:30)	95.24	99.84 (9:30)	82.39 (15:15)	80.19	99.82 (6:45)	59.04 (14:30)	74.27	100.00 (3:15)	40.02 (16:15)
24	99.36	100.00 (2:30)	87.14 (0:30)	99.72	99.83 (15:00)	99.60 (0:15)	99.31	99.99 (17:30)	91.12 (2:00)	98.80	100.00 (1:30)	92.71 (0:15)
25	94.49	100.00 (0:15)	78.36 (17:15)	99.19	99.67 (0:30)	94.07 (17:30)	90.43	99.97 (0:15)	72.06 (16:30)	92.49	100.00 (0:15)	69.47 (17:15)
26	68.57	89.80 (0:15)	49.93 (17:30)	86.51	99.45 (8:15)	68.62 (17:30)	62.63	82.48 (0:15)	46.49 (16:00)	46.01	83.70 (0:15)	18.92 (16:00)
27	67.49	100.00 (5:15)	37.23 (15:15)	81.27	99.45 (8:15)	55.44 (15:15)	65.33	82.83 (8:15)	31.81 (16:15)	49.48	100.00 (5:45)	0.01 (15:15)
28	83.03	100.00 (6:15)	69.17 (16:30)	96.25	99.40 (23:00)	87.50 (12:15)	79.98	97.24 (5:45)	62.21 (16:00)	71.88	100.00 (5:45)	43.90 (16:00)
29	85.14	100.00 (1:45)	54.43 (15:30)	93.72	99.83 (9:15)	72.06 (16:15)	81.73	99.92 (8:45)	48.98 (15:30)	76.15	100.00 (0:15)	23.33 (15:30)
30	94.56	100.00 (1:15)	80.98 (13:45)	99.37	99.83 (10:30)	93.19 (13:45)	90.48	99.94 (8:45)	71.74 (15:00)	89.50	100.00 (0:15)	60.76 (13:45)
31	97.36	100.00 (3:15)	86.44 (12:00)	99.62	99.69 (6:15)	99.52 (14:15)	94.18	99.89 (16:00)	77.78 (13:00)	95.53	100.00 (0:30)	73.98 (13:15)
월	84.23	100.00 (10/ 1)	36.50 (10/15)	93.55	99.98 (10/ 4)	55.44 (10/27)	81.76	100.00 (10/ 6)	31.24 (10/15)	76.50	100.00 (10/ 1)	0.01 (10/27)

표 7. 계속 (Continued): 상대습도의 일간 통계값 (1996년 11월)

높이 일	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	100.00	100.00 (0:15)	100.00 (0:15)	99.69	99.73 (9:15)	99.59 (1:15)	99.68	99.90 (9:45)	96.34 (1:45)	95.74	100.00 (0:30)	92.98 (5:30)
2	89.20	100.00 (0:15)	60.33 (15:30)	96.80	99.71 (0:15)	81.07 (15:15)	86.55	99.88 (0:15)	54.86 (15:15)	83.35	100.00 (5:45)	34.15 (15:15)
3	80.89	100.00 (2:45)	45.27 (16:00)	90.70	99.65 (8:45)	67.14 (16:00)	79.84	99.92 (10:30)	43.88 (16:00)	71.07	100.00 (0:30)	16.17 (16:00)
4	88.34	100.00 (0:45)	69.32 (15:00)	98.16	99.53 (8:45)	92.78 (13:45)	86.76	99.89 (8:45)	67.70 (15:15)	85.68	100.00 (0:15)	54.91 (15:15)
5	99.44	100.00 (0:45)	94.89 (0:15)	99.56	99.65 (12:45)	99.43 (24:00)	95.93	99.95 (11:30)	95.33 (24:00)	97.87	100.00 (0:15)	93.09 (9:45)
6	71.20	95.34 (0:15)	51.97 (14:00)	88.51	99.40 (0:15)	74.90 (13:30)	65.93	88.56 (0:15)	50.30 (15:30)	58.20	100.00 (0:15)	22.38 (15:00)
7	89.75	100.00 (14:30)	69.34 (12:30)	97.86	99.44 (15:30)	87.59 (12:30)	84.29	99.82 (24:00)	64.69 (12:30)	78.52	100.00 (17:15)	42.94 (12:00)
8	96.79	100.00 (0:15)	79.79 (15:15)	99.26	99.47 (23:45)	95.49 (15:15)	93.82	99.85 (23:45)	73.07 (15:15)	96.58	100.00 (0:15)	71.46 (15:30)
9	97.21	100.00 (0:15)	90.59 (18:30)	99.45	99.50 (5:00)	99.36 (21:15)	95.75	99.88 (9:30)	82.96 (19:00)	98.08	100.00 (11:30)	93.54 (3:00)
10	95.65	100.00 (3:15)	78.05 (14:45)	99.39	99.56 (13:15)	96.70 (14:45)	94.57	99.87 (10:30)	71.49 (14:45)	95.66	100.00 (0:15)	71.12 (15:00)
11	87.75	100.00 (0:15)	59.87 (14:45)	95.46	99.51 (23:45)	79.61 (14:45)	85.58	99.84 (10:30)	56.39 (13:45)	79.36	100.00 (0:15)	33.67 (14:15)
12	99.83	100.00 (0:30)	99.15 (0:15)	99.48	99.48 (0:15)	99.47 (0:45)	98.36	99.64 (0:30)	96.83 (1:00)	100.00	100.00 (0:15)	100.00 (0:15)
13	74.35	98.86 (23:30)	50.71 (15:00)	88.34	99.21 (21:15)	72.97 (15:00)	68.07	88.31 (23:00)	49.08 (15:00)	49.49	86.66 (24:00)	20.39 (15:00)
14	79.54	100.00 (5:15)	50.87 (15:15)	91.76	99.30 (9:00)	68.42 (15:00)	75.60	99.71 (4:30)	47.22 (14:15)	66.06	100.00 (1:45)	15.50 (14:15)
15	69.89	92.82 (23:30)	41.81 (12:30)	85.79	99.10 (22:45)	61.38 (13:30)	63.63	84.31 (22:45)	35.91 (11:15)	43.47	75.44 (7:45)	2.10 (12:00)
16	55.65	81.68 (0:15)	28.33 (13:15)	75.39	99.18 (8:30)	51.71 (13:00)	53.89	95.82 (5:45)	26.62 (13:15)	28.92	72.11 (6:00)	0.00 (13:00)
17	79.58	100.00 (15:45)	57.36 (10:30)	88.88	99.36 (18:15)	73.75 (2:15)	75.06	99.79 (18:00)	53.02 (10:30)	59.09	100.00 (17:15)	21.11 (10:45)
18	85.09	100.00 (0:15)	65.81 (15:15)	95.97	99.29 (0:15)	85.15 (15:15)	80.40	99.72 (7:00)	61.21 (15:30)	72.23	100.00 (0:15)	36.67 (15:15)
19	68.00	90.83 (23:45)	44.07 (15:00)	84.53	99.38 (9:00)	66.66 (15:00)	62.23	90.80 (8:45)	42.74 (11:30)	40.14	76.06 (9:00)	9.20 (11:30)
20	84.87	100.00 (23:15)	73.28 (13:30)	96.73	99.31 (8:00)	89.56 (13:30)	79.19	99.75 (23:15)	63.06 (12:45)	68.15	100.00 (23:30)	46.03 (13:30)
21	73.39	100.00 (0:30)	51.70 (16:00)	87.21	99.30 (0:30)	69.26 (16:00)	66.56	95.17 (0:45)	47.60 (16:00)	50.74	100.00 (0:15)	16.60 (16:00)
22	57.16	81.54 (1:45)	33.75 (19:45)	75.69	98.47 (8:45)	52.10 (19:30)	52.60	75.90 (4:45)	28.25 (19:30)	26.29	58.04 (8:15)	0.00 (19:00)
23	75.74	100.00 (22:15)	44.94 (14:45)	88.72	99.34 (22:15)	64.16 (14:45)	69.08	98.82 (23:00)	41.51 (14:45)	48.79	100.00 (23:00)	8.37 (14:45)
24	86.24	100.00 (0:15)	53.54 (14:45)	93.78	99.49 (10:45)	75.96 (13:45)	83.68	99.89 (10:45)	51.67 (15:15)	74.89	100.00 (0:15)	21.13 (14:45)
25	80.78	100.00 (0:15)	42.81 (15:30)	92.49	99.65 (13:30)	62.54 (15:30)	79.82	99.85 (11:30)	39.51 (15:30)	69.25	100.00 (0:15)	10.22 (15:30)
26	86.76	100.00 (20:00)	69.72 (14:15)	97.14	99.41 (21:30)	86.17 (14:30)	83.70	99.82 (21:30)	64.62 (14:45)	79.53	100.00 (6:15)	47.12 (14:45)
27	79.21	100.00 (0:15)	57.56 (17:00)	88.55	99.39 (1:00)	73.13 (17:00)	72.94	99.82 (0:15)	51.66 (17:00)	57.58	100.00 (3:45)	22.51 (17:00)
28	66.56	83.73 (1:15)	47.07 (13:45)	82.85	97.21 (1:45)	69.38 (12:30)	59.08	74.05 (1:45)	44.35 (13:00)	33.68	60.33 (8:00)	9.84 (13:30)
29	95.55	100.00 (3:00)	69.10 (0:15)	98.48	99.29 (6:45)	86.28 (0:15)	91.41	99.72 (6:00)	58.43 (0:15)	87.79	100.00 (3:45)	35.25 (0:15)
30	95.82	99.54 (2:15)	62.55 (1:00)	98.99	99.02 (0:15)	98.97 (1:45)	88.80	92.97 (0:15)	85.08 (1:00)	99.89	99.96 (0:15)	99.86 (1:45)
월	82.12	100.00 (11/1)	29.33 (11/76)	92.22	99.73 (11/1)	51.71 (11/16)	78.37	99.95 (11/5)	26.62 (11/16)	68.16	100.00 (11/1)	0.00 (11/76)

표 7. 계속 (Continued): 상대습도의 월간 통계값 (1996년 12월)

높이 일	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	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999
2	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999
3	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999
4	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999
5	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999	9999	999999	99 (:) 9999
6	84.04	100.00 (22:30)	56.70 (15:00)	98.96	99.04 (23:15)	98.89 (15:00)	77.40	99.77 (23:15)	51.13 (15:00)	57.76	99.98 (24:00)	18.15 (15:00)
7	86.03	100.00 (0:15)	53.09 (11:30)	94.33	99.04 (0:15)	78.45 (13:30)	80.11	99.77 (0:15)	47.98 (11:30)	68.00	100.00 (0:15)	13.05 (11:30)
8	95.86	100.00 (0:15)	81.39 (11:30)	98.94	99.17 (10:00)	97.74 (11:15)	90.58	99.77 (16:00)	72.18 (11:15)	93.05	100.00 (16:15)	53.67 (11:15)
9	92.67	100.00 (22:30)	78.29 (15:30)	98.74	99.23 (13:15)	93.22 (15:30)	91.12	99.81 (10:00)	70.85 (15:30)	91.65	100.00 (2:30)	56.07 (15:45)
10	86.05	100.00 (1:15)	55.67 (15:15)	94.19	99.20 (11:45)	72.41 (15:15)	80.85	99.78 (5:45)	50.82 (16:15)	72.15	100.00 (0:15)	21.66 (15:15)
11	82.63	100.00 (2:15)	54.30 (16:00)	91.76	99.31 (9:45)	70.95 (16:00)	78.49	99.85 (9:30)	49.16 (16:00)	67.34	100.00 (3:15)	18.14 (15:30)
12	72.29	100.00 (6:15)	37.77 (16:00)	84.29	99.17 (9:45)	59.18 (15:30)	67.17	99.77 (9:00)	34.71 (14:45)	48.38	99.95 (9:15)	0.20 (15:30)
13	69.31	100.00 (4:00)	30.77 (15:45)	80.87	99.17 (10:00)	50.50 (16:30)	63.33	99.41 (6:45)	27.11 (15:45)	43.23	99.91 (8:45)	0.00 (14:30)
14	77.51	100.00 (6:30)	52.71 (16:30)	91.13	99.19 (10:45)	70.88 (16:45)	73.20	95.27 (6:15)	46.43 (17:00)	58.32	99.84 (8:30)	19.33 (16:45)
15	70.91	94.41 (6:45)	48.78 (15:30)	88.46	99.25 (9:45)	61.37 (16:15)	75.39	99.87 (9:30)	37.99 (15:30)	61.67	100.00 (2:30)	2.68 (15:45)
16	84.34	100.00 (13:15)	69.15 (21:00)	96.54	99.24 (14:45)	86.06 (20:00)	70.50	91.47 (9:15)	44.44 (16:00)	54.91	99.83 (7:45)	14.93 (15:15)
17	70.63	91.56 (7:15)	47.72 (15:45)	85.03	98.71 (7:15)	66.47 (17:15)	62.78	82.54 (7:15)	42.27 (15:45)	68.81	100.00 (14:15)	41.49 (21:45)
18	92.28	100.00 (7:00)	71.92 (15:15)	97.86	99.10 (12:00)	92.16 (15:15)	89.61	99.74 (18:30)	66.89 (15:30)	80.02	100.00 (18:30)	40.07 (15:15)
19	75.26	100.00 (0:15)	48.32 (15:15)	88.20	99.01 (23:15)	67.61 (15:00)	68.73	94.49 (24:00)	42.48 (15:15)	50.17	99.87 (24:00)	7.93 (15:15)
20	87.50	100.00 (3:15)	69.60 (15:00)	97.06	99.19 (12:30)	87.71 (16:15)	82.38	99.29 (2:30)	62.16 (16:15)	77.48	99.95 (8:45)	40.13 (16:15)
21	79.68	100.00 (14:30)	41.58 (13:00)	91.93	99.11 (10:30)	60.87 (12:45)	71.08	92.05 (14:30)	36.83 (12:45)	53.38	77.66 (3:45)	2.93 (13:00)
22	70.66	84.94 (8:30)	43.05 (15:00)	85.46	99.16 (23:45)	62.72 (15:30)	62.23	77.87 (23:15)	39.81 (15:00)	33.86	60.97 (24:00)	0.84 (15:00)
23	88.92	100.00 (5:45)	68.42 (16:00)	97.06	99.16 (23:45)	86.05 (16:00)	81.09	97.79 (7:30)	58.26 (16:00)	70.53	100.00 (23:45)	35.86 (16:00)
24	80.11	100.00 (4:45)	37.66 (16:30)	89.67	99.29 (9:30)	57.73 (16:00)	73.86	99.77 (7:45)	34.98 (16:00)	63.02	100.00 (0:15)	0.52 (16:15)
25	68.55	100.00 (4:00)	34.79 (17:15)	81.22	99.08 (9:30)	54.27 (16:15)	62.59	96.47 (9:00)	33.73 (16:15)	41.68	99.81 (9:15)	0.00 (15:30)
26	73.80	92.54 (20:15)	37.74 (14:45)	89.16	99.13 (21:15)	56.77 (14:45)	68.25	88.07 (9:00)	33.26 (16:15)	44.75	70.88 (7:15)	0.00 (14:15)
27	77.33	100.00 (3:45)	40.89 (17:00)	87.56	99.25 (9:45)	62.26 (16:45)	71.33	99.70 (6:15)	37.29 (16:45)	51.33	100.00 (7:30)	4.04 (16:45)
28	88.88	100.00 (3:45)	62.53 (15:45)	96.51	99.11 (23:45)	82.35 (15:45)	84.16	99.80 (9:15)	58.64 (15:30)	75.71	100.00 (8:45)	30.24 (15:45)
29	95.57	100.00 (0:15)	75.15 (14:30)	99.01	99.26 (12:00)	96.79 (16:15)	92.82	99.85 (11:45)	74.99 (16:30)	89.92	100.00 (0:15)	95.44 (14:30)
30	90.20	100.00 (0:30)	64.67 (15:45)	96.97	99.25 (11:30)	86.70 (17:30)	86.92	99.84 (11:15)	63.68 (15:30)	79.44	100.00 (0:15)	38.78 (15:30)
월	81.43	100.00 (12/ 6)	30.77 (12/13)	91.74	99.31 (12/11)	50.50 (12/13)	76.39	99.87 (12/15)	27.11 (12/13)	63.01	100.00 (12/ 7)	0.00 (12/13)

표 7. 계속 (Continued): 일사, 강우의 월간 통계값 (1996년 1월, 2월)

일	일사량 (MJ/m ²)	최대일사율 (W/m ²)(시:분)	강우(mm)		일	일사량 (MJ/m ²)	최대일사율 (W/m ²)(시:분)	강우(mm)		
			합계	15분짜다(시:분)				1시간짜다(시:분)	1시간짜다(시:분)	
1	9.80	477.88 (13:00)	0.00	(:)	1	10.39	653.93 (13:30)	0.00	(:)	
2	8.75	479.05 (13:00)	0.00	(:)	2	12.84	582.23 (13:15)	0.00	(:)	
3	9.18	527.04 (14:00)	0.00	(:)	3	13.09	631.42 (13:00)	0.75	0.75 (12:15)	
4	9.46	462.05 (13:00)	0.00	(:)	4	5.62	353.36 (13:30)	2.50	0.75 (23:30)	
5	2.80	174.24 (13:45)	0.00	(:)	5	12.32	694.04 (12:30)	0.50	0.25 (1:15)	
6	3.41	201.36 (13:30)	0.00	(:)	6	13.62	603.99 (11:45)	0.00	(:)	
7	1.83	127.54 (13:00)	0.00	(:)	7	8.84	508.03 (12:45)	0.00	(:)	
8	9.82	571.37 (13:30)	0.00	(:)	8	7.69	515.37 (14:00)	0.00	(:)	
9	8.90	480.10 (12:45)	0.00	(:)	9	7.30	502.92 (12:45)	0.00	(:)	
10	10.33	498.80 (12:00)	0.00	(:)	10	13.77	623.26 (13:00)	0.00	(:)	
11	9.92	480.48 (13:00)	0.00	(:)	11	12.26	661.47 (13:00)	0.00	(:)	
12	10.85	496.45 (12:45)	0.00	(:)	12	11.48	543.62 (13:00)	0.00	(:)	
13	7.46	516.72 (13:00)	0.00	(:)	13	10.17	485.60 (13:15)	0.00	(:)	
14	2.44	156.37 (14:45)	0.00	(:)	14	7.35	393.86 (11:30)	0.00	(:)	
15	1.79	85.11 (10:00)	0.00	(:)	15	13.28	601.93 (13:00)	0.00	(:)	
16	11.09	546.79 (12:30)	0.00	(:)	16	12.44	589.27 (11:45)	0.00	(:)	
17	9.48	483.97 (13:00)	0.00	(:)	17	12.58	623.49 (12:45)	0.00	(:)	
18	10.82	531.53 (12:45)	0.00	(:)	18	13.68	640.62 (12:30)	0.00	(:)	
19	9.44	509.63 (12:45)	0.00	(:)	19	14.54	651.16 (13:30)	0.00	(:)	
20	5.64	399.18 (13:45)	0.00	(:)	20	15.13	676.88 (13:00)	0.00	(:)	
21	8.95	517.46 (13:15)	0.00	(:)	21	15.75	680.96 (13:00)	0.00	(:)	
22	9.49	519.41 (12:45)	0.00	(:)	22	13.45	614.66 (11:45)	0.00	(:)	
23	10.71	529.90 (13:15)	0.00	(:)	23	15.01	673.16 (12:45)	0.00	(:)	
24	10.86	523.57 (13:15)	0.00	(:)	24	12.23	610.67 (12:15)	0.00	(:)	
25	10.91	546.81 (13:15)	0.00	(:)	25	9.59	475.11 (13:30)	0.00	(:)	
26	11.73	550.40 (13:00)	0.00	(:)	26	12.14	573.77 (13:15)	0.00	(:)	
27	10.86	534.77 (12:45)	0.00	(:)	27	15.34	707.23 (13:00)	0.00	(:)	
28	4.09	340.13 (14:15)	5.50	1.00 (13:45)	28	17.08	713.28 (12:30)	0.00	(:)	
29	11.60	543.12 (13:00)	0.00	(:)	29	11.20	762.99 (13:45)	0.00	(:)	
30	9.74	542.13 (13:00)	0.00	(:)	월	350.19	762.99 (2/29)	3.75	0.75 (2/ 4)	
31	10.02	573.14 (12:15)	0.00	(:)	월				1.25 (2/ 4)	
			5.50	1.00 (1/28)						일최다(월/일): 2.50 (2/ 4)
				2.75 (1/28)						일최다(월/일): 2.50 (2/ 4)

표 7. 계속 (Continued): 일사, 강우의 월간 통계값 (1996년 3월, 4월)

일	일사량 (MJ/m ²)	최대일사율 (W/m ²)(시:분)	강우(mm)			일	일사량 (MJ/m ²)	최대일사율 (W/m ²)(시:분)	강우(mm)		
			합계	15분최다(시:분)	1시간최다(시:분)				합계	15분최다(시:분)	1시간최다(시:분)
1	16.68	706.79 (13:00)	0.00	(:)	(:)	1	9999.99 (:)	9999.99 (:)	9999.99 (:)	9999.99 (:)	
2	16.82	794.29 (13:00)	0.00	(:)	(:)	2	18.71	903.78 (12:30)	0.00	(:)	(:)
3	17.12	719.29 (12:45)	0.00	(:)	(:)	3	23.07	885.23 (12:30)	0.00	(:)	(:)
4	13.84	687.69 (14:00)	0.00	(:)	(:)	4	21.95	900.98 (12:45)	0.00	(:)	(:)
5	16.25	696.21 (12:45)	0.00	(:)	(:)	5	20.50	873.20 (13:00)	0.00	(:)	(:)
6	10.41	468.93 (15:00)	0.00	(:)	(:)	6	3.81	198.40 (9:00)	0.00	(:)	(:)
7	1.64	77.83 (14:45)	0.00	(:)	(:)	7	15.70	858.31 (11:00)	4.00	0.25 (13:30)	0.75 (14:00)
8	16.57	772.09 (12:45)	0.00	(:)	(:)	8	22.73	876.79 (12:45)	0.00	(:)	(:)
9	9.44	499.56 (15:45)	0.00	(:)	(:)	9	20.42	844.04 (13:15)	0.00	(:)	(:)
10	0.04	3.32 (0:15)	0.00	(:)	(:)	10	21.53	851.73 (13:00)	0.00	(:)	(:)
11	9999.99	9999.99 (:)	9999.99	(:)	(:)	11	24.12	887.01 (13:00)	0.00	(:)	(:)
12	9999.99	9999.99 (:)	9999.99	(:)	(:)	12	23.08	881.64 (13:00)	0.00	(:)	(:)
13	9999.99	9999.99 (:)	9999.99	(:)	(:)	13	22.23	852.88 (12:45)	0.00	(:)	(:)
14	5.09	365.75 (13:15)	0.00	(:)	(:)	14	21.91	836.15 (12:30)	0.00	(:)	(:)
15	8.52	444.75 (14:30)	0.50	0.25 (7:00)	0.25 (7:00)	15	18.38	866.71 (12:30)	0.00	(:)	(:)
16	5.11	365.03 (10:30)	31.75	2.00 (21:00)	6.00 (21:00)	16	21.46	838.11 (12:30)	0.50	0.50 (22:45)	0.50 (23:00)
17	12.37	726.24 (13:00)	6.00	1.75 (1:00)	3.25 (1:00)	17	3.41	529.58 (14:45)	12.50	2.00 (6:30)	4.00 (7:00)
18	18.85	763.56 (13:00)	0.00	(:)	(:)	18	23.43	881.47 (11:45)	0.00	(:)	(:)
19	19.57	816.60 (12:30)	0.00	(:)	(:)	19	20.42	892.61 (13:15)	0.00	(:)	(:)
20	16.79	816.54 (13:15)	0.00	(:)	(:)	20	19.89	839.44 (12:30)	0.50	0.25 (16:30)	0.50 (17:00)
21	2.55	179.65 (11:00)	23.50	1.75 (14:15)	6.00 (15:00)	21	23.30	854.92 (12:45)	0.00	(:)	(:)
22	12.20	662.26 (13:15)	0.00	(:)	(:)	22	25.11	919.51 (12:00)	0.00	(:)	(:)
23	8.85	541.87 (12:15)	0.00	(:)	(:)	23	23.32	867.00 (13:30)	0.00	(:)	(:)
24	8.38	477.26 (13:30)	2.00	0.25 (20:15)	0.75 (21:00)	24	17.96	943.61 (13:30)	0.00	(:)	(:)
25	17.72	827.69 (11:45)	0.25	0.25 (2:00)	0.25 (2:00)	25	23.33	904.46 (11:45)	0.00	(:)	(:)
26	19.16	812.52 (13:15)	0.00	(:)	(:)	26	19.97	824.77 (13:30)	0.00	(:)	(:)
27	16.62	726.19 (13:45)	0.00	(:)	(:)	27	12.32	431.24 (13:00)	0.00	(:)	(:)
28	9.69	408.96 (12:45)	0.00	(:)	(:)	28	4.47	253.37 (10:00)	10.25	1.00 (14:00)	3.25 (14:00)
29	8.48	457.99 (10:15)	7.50	2.00 (21:00)	3.50 (21:00)	29	3.23	169.68 (14:30)	10.75	1.25 (18:45)	3.25 (20:00)
30	2.74	194.44 (13:30)	7.75	0.75 (0:30)	2.00 (1:00)	30					
31	0.02	1.96 (0:30)	0.00	(:)	(:)						
월	311.50	827.69 (3/25)	111.00	2.00 (3/16)	6.00 (3/16)	월	541.10	984.46 (4/26)	38.50	2.00 (4/17)	4.00 (4/17)
				일최다(월/일): 31.75 (3/7)					일최다(월/일): 12.50 (4/17)		

표 7. 계속 (Continued): 일사, 강우의 월간 통계값 (1996년 5월, 6월)

일	일사량 (MJ/m)	최대일사율 (W/m ²)(시:분)	강우(mm)		
			합계	15분최대(시:분)	1시간최대(시:분)
1	4.59	249.66 (12:30)	2.25	0.50 (0:30)	0.50 (1:00)
2	24.19	867.07 (13:15)	0.00	0.00 (:)	0.00 (:)
3	14.42	812.16 (13:15)	0.00	0.00 (:)	0.00 (:)
4	4.62	226.50 (18:00)	26.00	2.50 (14:00)	6.75 (14:00)
5	25.36	929.66 (12:00)	0.00	0.00 (:)	0.00 (:)
6	18.04	869.22 (13:15)	0.00	0.00 (:)	0.00 (:)
7	14.55	635.31 (14:30)	0.00	0.00 (:)	0.00 (:)
8	21.48	911.03 (13:30)	2.50	0.50 (3:00)	0.75 (2:00)
9	24.04	891.43 (13:00)	0.00	0.00 (:)	0.00 (:)
10	24.42	860.88 (12:45)	0.00	0.00 (:)	0.00 (:)
11	22.10	1029.17 (13:15)	0.00	0.00 (:)	0.00 (:)
12	22.51	928.82 (12:30)	0.00	0.00 (:)	0.00 (:)
13	18.32	879.50 (11:45)	0.00	0.00 (:)	0.00 (:)
14	20.33	829.11 (11:45)	0.00	0.00 (:)	0.00 (:)
15	25.35	890.00 (13:00)	0.00	0.00 (:)	0.00 (:)
16	24.28	866.00 (13:00)	0.00	0.00 (:)	0.00 (:)
17	18.71	780.65 (11:15)	0.00	0.00 (:)	0.00 (:)
18	20.89	789.63 (12:00)	0.00	0.00 (:)	0.00 (:)
19	14.44	679.09 (11:30)	0.00	0.00 (:)	0.00 (:)
20	8.12	516.20 (14:30)	10.00	2.50 (12:45)	7.00 (13:00)
21	24.11	977.01 (12:30)	5.00	2.00 (4:00)	2.50 (4:00)
22	26.88	959.81 (12:45)	0.00	0.00 (:)	0.00 (:)
23	23.86	874.97 (11:45)	0.00	0.00 (:)	0.00 (:)
24	25.58	906.27 (12:15)	0.00	0.00 (:)	0.00 (:)
25	24.17	846.52 (12:00)	0.00	0.00 (:)	0.00 (:)
26	21.34	927.94 (13:15)	0.00	0.00 (:)	0.00 (:)
27	20.64	902.85 (13:15)	0.00	0.00 (:)	0.00 (:)
28	18.00	724.55 (15:45)	0.00	0.00 (:)	0.00 (:)
29	18.25	897.96 (14:15)	0.00	0.00 (:)	0.00 (:)
30	16.96	743.23 (11:15)	0.00	0.00 (:)	0.00 (:)
31	23.50	842.75 (12:45)	0.00	0.00 (:)	0.00 (:)
월	614.06	1029.17 (5/11)	45.75	2.50 (5/4)	7.00 (5/20)
				일최대(월/일): 26.00 (5/4)	
1	22.98	827.00 (13:30)	0.00	0.00 (:)	0.00 (:)
2	19.87	810.45 (13:15)	0.00	0.00 (:)	0.00 (:)
3	7.10	301.04 (12:15)	4.00	0.75 (10:30)	1.75 (11:00)
4	23.76	932.21 (11:45)	0.00	0.00 (:)	0.00 (:)
5	26.63	943.68 (12:45)	0.00	0.00 (:)	0.00 (:)
6	22.60	911.29 (12:00)	0.00	0.00 (:)	0.00 (:)
7	6.18	285.11 (14:45)	18.75	1.75 (11:30)	5.75 (12:00)
8	16.54	857.20 (13:45)	0.25	0.25 (5:15)	0.25 (6:00)
9	23.46	1008.85 (13:15)	0.00	0.00 (:)	0.00 (:)
10	4.76	270.05 (12:00)	33.50	5.00 (5:45)	11.25 (6:00)
11	13.84	622.13 (10:45)	0.00	0.00 (:)	0.00 (:)
12	10.00	435.57 (14:45)	0.00	0.00 (:)	0.00 (:)
13	18.29	792.80 (13:15)	0.00	0.00 (:)	0.00 (:)
14	16.93	801.37 (11:30)	0.00	0.00 (:)	0.00 (:)
15	18.47	880.02 (12:00)	0.00	0.00 (:)	0.00 (:)
16	13.58	719.64 (13:15)	1.25	0.50 (19:30)	1.25 (20:00)
17	15.21	919.07 (11:30)	0.00	0.00 (:)	0.00 (:)
18	21.01	917.54 (12:30)	0.00	0.00 (:)	0.00 (:)
19	5.25	198.92 (14:30)	0.00	0.00 (:)	0.00 (:)
20	18.29	849.32 (13:15)	0.00	0.00 (:)	0.00 (:)
21	18.12	805.57 (13:15)	0.00	0.00 (:)	0.00 (:)
22	0.10	9.50 (2:45)	0.00	0.00 (:)	0.00 (:)
23	9999.99	9999.99 (:)	9999.99	9999.99 (:)	9999.99 (:)
24	9999.99	9999.99 (:)	9999.99	9999.99 (:)	9999.99 (:)
25	9999.99	9999.99 (:)	9999.99	9999.99 (:)	9999.99 (:)
26	12.23	738.28 (12:30)	0.00	0.00 (:)	0.00 (:)
27	4.62	206.10 (13:45)	0.00	0.00 (:)	0.00 (:)
28	7.02	390.21 (9:30)	0.00	0.00 (:)	0.00 (:)
29	4.56	379.13 (14:30)	0.00	0.00 (:)	0.00 (:)
30	12.27	616.42 (12:00)	0.00	0.00 (:)	0.00 (:)
월	385.91	1008.85 (6/9)	57.75	5.00 (6/10)	11.25 (6/10)
				일최대(월/일): 33.50 (6/10)	

표 7. 계속 (Continued): 일사, 강우의 월간 통계값 (1996년 9월, 10월)

일	일사량 (MJ/m ²)	최대일사율 (W/m ²)(시:분)	강우(mm)			일	일사량 (MJ/m ²)	최대일사율 (W/m ²)(시:분)	강우(mm)		
			합계	15분최다(시:분)	1시간최다(시:분)				합계	15분최다(시:분)	1시간최다(시:분)
1	23.71	899.35 (12:45)	0.00	(:)	(:)	1	14.24	842.73 (11:45)	0.00	(:)	(:)
2	22.92	877.18 (12:45)	0.00	(:)	(:)	2	3.99	193.59 (12:00)	3.50	(19:15)	3.50 (20:00)
3	22.48	858.73 (13:00)	0.00	(:)	(:)	3	12.92	899.98 (13:15)	4.25	(4:00)	2.25 (4:00)
4	14.15	719.87 (11:45)	0.00	(:)	(:)	4	12.67	768.54 (10:45)	0.00	(:)	0.00 (:)
5	14.08	806.76 (11:00)	0.00	(:)	(:)	5	10.96	541.82 (14:45)	0.00	(:)	0.00 (:)
6	8.92	488.09 (11:00)	0.00	(:)	(:)	6	2.48	164.78 (12:00)	1.75	(14:15)	1.75 (15:00)
7	21.25	840.46 (13:00)	0.00	(:)	(:)	7	6.20	411.73 (14:45)	0.00	(:)	0.00 (:)
8	19.62	863.46 (13:30)	0.00	(:)	(:)	8	14.05	758.65 (13:00)	0.00	(:)	0.00 (:)
9	11.52	877.50 (13:15)	0.00	(:)	(:)	9	14.30	727.33 (12:15)	0.00	(:)	0.00 (:)
10	16.31	783.14 (12:30)	0.00	(:)	(:)	10	14.93	738.86 (12:00)	0.00	(:)	0.00 (:)
11	15.65	795.55 (11:30)	0.00	(:)	(:)	11	15.52	691.14 (11:15)	0.00	(:)	0.00 (:)
12	14.85	693.08 (12:15)	0.00	(:)	(:)	12	12.92	674.43 (12:15)	0.00	(:)	0.00 (:)
13	20.74	824.91 (12:30)	0.00	(:)	(:)	13	14.20	701.53 (12:45)	0.00	(:)	0.00 (:)
14	19.19	762.21 (13:00)	0.00	(:)	(:)	14	13.64	655.29 (12:15)	0.00	(:)	0.00 (:)
15	0.13	12.11 (0:15)	0.00	(:)	(:)	15	16.77	714.77 (12:30)	0.00	(:)	0.00 (:)
16	11.80	649.96 (13:15)	0.00	(:)	(:)	16	16.33	704.75 (12:30)	0.00	(:)	0.00 (:)
17	14.16	697.54 (13:00)	0.00	(:)	(:)	17	10.41	573.93 (14:00)	0.00	(:)	0.00 (:)
18	9.73	844.39 (13:30)	0.00	(:)	(:)	18	7.83	508.05 (10:15)	0.00	(:)	0.00 (:)
19	7.10	346.36 (14:30)	0.00	(:)	(:)	19	14.60	660.87 (11:45)	0.00	(:)	0.00 (:)
20	20.40	855.17 (12:30)	0.00	(:)	(:)	20	14.51	706.79 (13:15)	0.00	(:)	0.00 (:)
21	21.29	815.03 (12:45)	0.00	(:)	(:)	21	13.37	630.74 (12:15)	0.00	(:)	0.00 (:)
22	19.27	790.22 (12:15)	0.00	(:)	(:)	22	14.85	654.44 (12:30)	0.00	(:)	0.00 (:)
23	2.47	470.79 (15:30)	0.00	(:)	(:)	23	11.32	610.83 (12:45)	0.00	(:)	0.00 (:)
24	18.11	775.33 (12:30)	0.00	(:)	(:)	24	5.66	460.11 (12:15)	0.00	(:)	0.00 (:)
25	18.24	761.07 (12:30)	0.00	(:)	(:)	25	5.36	310.86 (14:00)	0.50	(1:30)	0.50 (2:00)
26	17.54	708.04 (11:45)	0.00	(:)	(:)	26	14.43	649.05 (12:15)	0.00	(:)	0.00 (:)
27	15.89	684.59 (13:30)	0.00	(:)	(:)	27	14.72	652.77 (12:15)	0.00	(:)	0.00 (:)
28	10.34	446.66 (12:30)	0.00	(:)	(:)	28	8.85	457.96 (11:15)	0.00	(:)	0.00 (:)
29	14.03	717.60 (14:15)	0.00	(:)	(:)	29	12.79	592.35 (12:45)	0.00	(:)	0.00 (:)
30	15.75	806.56 (13:30)	0.00	(:)	(:)	30	8.69	578.24 (12:15)	0.00	(:)	0.00 (:)
월	461.63	899.35 (9/ 1)	0.00	(9/ 1)	0.00 (9/ 1)	월	367.20	842.73 (10/ 1)	11.25	(10/ 2)	3.50 (10/ 2)
			합계						합계		
			0.00 (9/ 1)						3.50 (10/ 2)		
			0.00 (/)						0.00 (/)		
			일최다(월/일): 0.00 (/)						일최다(월/일): 4.75 (10/ 2)		

표 7. 계속 (Continued): 일사, 강우의 월간 통계값 (1996년 11월, 12월)

일	일사량 (MJ/m ²)	최대일사율 (W/m ²)(시:분)	강우(mm)		일	일사량 (MJ/m ²)	최대일사율 (W/m ²)(시:분)	강우(mm)				
			합계	15분최다(시:분)				1시간최다(시:분)	합계	15분최다(시:분)	1시간최다(시:분)	
1	2.25	149.54 (13:00)	0.25	(5:45)	0.25	(6:00)	9999.99	9999.99 (:)	9999.99	(:)	9999.99	(:)
2	9.02	592.23 (13:00)	0.00	(:)	0.00	(:)	9999.99	9999.99 (:)	9999.99	(:)	9999.99	(:)
3	12.16	587.02 (12:15)	0.00	(:)	0.00	(:)	9999.99	9999.99 (:)	9999.99	(:)	9999.99	(:)
4	6.52	409.94 (13:00)	0.00	(:)	0.00	(:)	9999.99	9999.99 (:)	9999.99	(:)	9999.99	(:)
5	3.85	328.79 (12:30)	0.50	(6:30)	0.50	(7:00)	9999.99	9999.99 (:)	9999.99	(:)	9999.99	(:)
6	12.46	589.08 (12:30)	0.00	(:)	0.00	(:)	9999.99	9999.99 (:)	9999.99	(:)	9999.99	(:)
7	4.57	293.08 (11:00)	0.25	(14:30)	0.25	(15:00)	1.16	239.44 (15:15)	0.00	(:)	0.00	(:)
8	5.00	252.65 (12:15)	1.50	(22:00)	0.75	(22:00)	8.70	475.49 (12:15)	0.00	(:)	0.00	(:)
9	3.89	290.01 (13:30)	1.00	(0:30)	0.75	(1:00)	3.88	405.54 (11:15)	0.00	(:)	0.00	(:)
10	8.32	566.64 (12:45)	0.00	(:)	0.00	(:)	4.46	384.75 (13:15)	0.00	(:)	0.00	(:)
11	8.43	560.76 (12:45)	0.25	(13:15)	0.25	(14:00)	6.91	384.90 (13:30)	0.00	(:)	0.00	(:)
12	0.00	0.00 (0:15)	0.00	(:)	0.00	(:)	7.70	457.37 (12:15)	0.00	(:)	0.00	(:)
13	6.53	636.10 (12:30)	0.00	(:)	0.00	(:)	8.34	402.20 (12:30)	0.00	(:)	0.00	(:)
14	8.31	541.32 (13:00)	0.00	(:)	0.00	(:)	8.97	425.20 (12:45)	0.00	(:)	0.00	(:)
15	11.05	559.38 (12:00)	0.00	(:)	0.00	(:)	7.28	375.56 (12:30)	0.00	(:)	0.00	(:)
16	10.44	547.69 (12:30)	0.00	(:)	0.00	(:)	8.27	420.88 (12:15)	0.00	(:)	0.00	(:)
17	4.16	450.15 (10:30)	0.00	(:)	0.00	(:)	7.79	438.34 (12:30)	0.00	(:)	0.00	(:)
18	7.34	567.25 (12:15)	0.00	(:)	0.00	(:)	1.91	149.18 (11:00)	0.00	(:)	0.00	(:)
19	10.79	529.20 (12:45)	0.00	(:)	0.00	(:)	9.28	468.74 (12:30)	0.00	(:)	0.00	(:)
20	3.47	265.95 (11:00)	0.00	(:)	0.00	(:)	6.24	472.35 (12:00)	0.00	(:)	0.00	(:)
21	8.63	537.81 (12:30)	0.00	(:)	0.00	(:)	9.32	471.02 (12:30)	0.00	(:)	0.00	(:)
22	10.77	533.15 (12:30)	0.00	(:)	0.00	(:)	4.61	471.81 (13:00)	0.00	(:)	0.00	(:)
23	5.99	444.95 (13:45)	0.00	(:)	0.00	(:)	9.16	467.99 (12:45)	0.00	(:)	0.00	(:)
24	8.90	515.27 (12:45)	0.00	(:)	0.00	(:)	7.95	427.20 (13:00)	0.00	(:)	0.00	(:)
25	3.78	486.15 (12:30)	0.00	(:)	0.00	(:)	7.91	447.94 (12:15)	0.00	(:)	0.00	(:)
26	6.30	420.45 (14:00)	0.00	(:)	0.00	(:)	8.96	446.42 (12:30)	0.00	(:)	0.00	(:)
27	9.53	479.12 (12:15)	0.00	(:)	0.00	(:)	8.44	406.24 (13:45)	0.00	(:)	0.00	(:)
28	5.23	454.60 (11:15)	0.00	(:)	0.00	(:)	8.63	436.95 (13:00)	0.00	(:)	0.00	(:)
29	0.00	0.00 (0:15)	0.00	(:)	0.00	(:)	6.44	387.37 (13:45)	0.00	(:)	0.00	(:)
30	0.00	0.00 (0:15)	0.00	(:)	0.00	(:)	6.29	413.40 (12:45)	0.00	(:)	0.00	(:)
월	206.02	636.10 (11/13)	3.75	(11/5)	0.75	(11/8)	182.84	475.49 (12/7)	0.00	(12/6)	0.00	(12/6)
			일최다(월/일): 1.50 (11/8)								월최다(월/일): 0.00 (/)	

표 8. 기상요소의 연간통계값(Annual statistics of meteorological parameters): 바람 (96년 1월 - 96년12월)

높이 원	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)			
96_1	N (10.08)	1.38	8.29	W (1/ 3)	NNW (11.16)	1.48	7.09	NNW (1/ 8)	N (8.84)	0.88	4.79	SSW (1/31)
96_2	NNW (13.04)	1.90	9.02	NNW (2/14)	NNW (12.54)	1.80	7.76	N (2/14)	N (10.81)	1.12	5.95	N (2/14)
겨울	SW (10.02)	1.65	11.92	W (12/22)	WSW (12.39)	1.52	9.76	WSW (12/22)	N (8.20)	0.89	6.79	WSW (12/22)
96_3	W (11.46)	2.30	12.14	SW (3/30)	W (10.85)	2.07	9.35	SW (3/30)	N (9.96)	1.32	6.62	SW (3/30)
96_4	W (10.71)	2.15	10.50	NNW (4/11)	WSW (12.79)	2.05	8.18	NNW (4/11)	WSW (10.71)	1.35	6.06	NNW (4/11)
96_5	SW (10.79)	1.78	10.77	SW (5/ 9)	WSW (13.21)	1.85	8.78	SW (5/ 9)	WSW (9.31)	1.13	6.72	SSW (5/ 9)
봄	W (9.03)	2.06	12.14	SW (3/30)	WSW (12.33)	1.98	9.35	SW (3/30)	WSW (9.71)	1.26	6.72	SSW (5/ 9)
96_6	SW (15.87)	1.54	17.62	SW (6/29)	SW (18.71)	1.67	13.47	SW (6/29)	SW (11.42)	0.84	9.58	SW (6/29)
96_7	SW (14.72)	1.77	13.24	SW (7/16)	SW (17.31)	1.91	10.21	SW (7/16)	SW (12.16)	1.01	7.48	SW (7/16)
96_8	E (7.80)	0.98	7.21	NNW (8/13)	N (11.29)	1.43	5.79	E (8/31)	N (9.31)	0.74	4.47	- (8/31)
여름	SW (10.75)	1.43	17.62	SW (6/29)	SW (13.22)	1.67	13.47	SW (6/29)	SW (9.13)	0.86	9.58	SW (6/29)
96_9	E (7.25)	1.03	6.90	ESE (9/28)	NNW (9.19)	1.08	5.92	ESE (9/28)	E (6.67)	0.53	3.71	ESE (9/27)
96_10	SW (10.48)	1.57	7.29	SW (10/28)	WSW (9.14)	1.14	5.73	SW (10/28)	NNW (6.05)	0.57	4.07	NNW (10/15)
96_11	N (12.46)	1.84	10.56	SW (11/20)	N (13.21)	1.44	7.63	SW (11/20)	N (6.59)	0.62	5.53	SW (11/20)
가을	NNW (9.71)	1.50	10.56	SW (11/20)	N (9.83)	1.22	7.63	SW (11/20)	NNW (5.93)	0.57	5.53	SW (11/20)
96_12	SW (18.42)	1.71	11.92	W (12/22)	WSW (14.69)	1.26	9.76	WSW (12/22)	SW (7.59)	0.64	6.79	WSW (12/22)
년	SW (9.27)	1.66	17.62	SW (96_6)	WSW (10.66)	1.60	13.47	SW (96_6)	SW (6.84)	0.90	9.58	SW (96_6)

표 8. 계속 (Continued): 기온의 연간 통계값 (96년 1월 - 96년12월)

높이	67 m			27 m			10 m			1.5 m		
	월	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)
96_1	-2.04	7.43 (1/ 3)	-10.77 (1/ 4)	-1.55	7.95 (1/ 3)	-10.67 (1/ 4)	-2.23	10.28 (1/12)	-13.53 (1/ 9)	-2.30	8.71 (1/12)	-12.90 (1/ 9)
96_2	-1.87	16.26 (2/13)	-13.87 (2/ 2)	-1.40	17.11 (2/13)	-13.10 (2/ 2)	-2.03	17.94 (2/13)	-16.19 (2/ 2)	-2.02	18.08 (2/13)	-16.02 (2/ 2)
겨울	-0.86	16.26 (2/13)	-13.87 (2/ 2)	-0.36	17.11 (2/13)	-13.10 (2/ 2)	-1.01	17.94 (2/13)	-16.19 (2/ 2)	-1.15	18.08 (2/13)	-16.02 (2/ 2)
96_3	4.25	14.22 (3/26)	-3.30 (3/ 2)	4.78	15.00 (3/26)	-4.06 (3/ 2)	4.51	17.75 (3/26)	-6.81 (3/ 2)	4.38	16.39 (3/26)	-6.34 (3/ 3)
96_4	9.69	25.13 (4/27)	-1.08 (4/ 4)	10.14	25.73 (4/27)	-1.39 (4/ 4)	9.95	28.30 (4/27)	-4.11 (4/ 4)	9.75	27.20 (4/27)	-3.52 (4/ 4)
96_5	17.15	27.97 (5/31)	6.63 (5/ 6)	17.48	28.38 (5/31)	6.72 (5/ 6)	17.74	30.88 (5/31)	5.08 (5/ 6)	17.18	29.89 (5/31)	5.11 (5/ 6)
봄	10.75	27.97 (5/31)	-3.30 (3/ 2)	11.18	28.38 (5/31)	-4.06 (3/ 2)	11.13	30.88 (5/31)	-6.81 (3/ 2)	10.82	29.89 (5/31)	-6.34 (3/ 3)
96_6	21.41	30.10 (6/ 1)	13.27 (6/17)	21.80	30.54 (6/ 1)	15.60 (6/18)	22.49	33.88 (6/ 1)	13.92 (6/ 5)	21.72	32.36 (6/ 1)	13.34 (6/ 5)
96_7	24.07	31.96 (7/18)	15.74 (7/ 8)	24.43	32.48 (7/18)	16.02 (7/ 8)	25.12	36.37 (7/18)	14.33 (7/ 9)	24.46	34.08 (7/18)	13.90 (7/ 9)
96_8	25.18	33.16 (8/ 2)	18.05 (8/29)	25.46	33.47 (8/ 2)	18.12 (8/29)	26.20	37.19 (8/ 1)	17.64 (8/29)	25.51	35.06 (8/ 2)	17.04 (8/29)
여름	23.66	33.16 (8/ 2)	13.27 (6/17)	24.00	33.47 (8/ 2)	15.60 (6/18)	24.70	37.19 (8/ 1)	13.92 (6/ 5)	24.00	35.06 (8/ 2)	13.34 (6/ 5)
96_9	20.18	27.52 (9/ 3)	9.91 (9/22)	20.34	28.04 (9/ 3)	9.59 (9/22)	20.20	31.39 (9/ 3)	8.72 (9/21)	19.94	29.63 (9/ 3)	7.64 (9/21)
96_10	13.66	21.44 (10/ 1)	-0.99 (10/27)	13.83	22.10 (10/ 1)	-1.28 (10/27)	13.36	22.48 (10/ 1)	-2.21 (10/27)	13.11	24.34 (10/ 1)	-2.72 (10/27)
96_11	6.41	18.25 (11/11)	-6.07 (11/28)	6.85	17.42 (11/11)	-4.62 (11/28)	6.37	17.57 (11/11)	-5.95 (11/28)	6.18	18.44 (11/11)	-6.83 (11/28)
가을	13.42	27.52 (9/ 3)	-6.07 (11/28)	13.68	28.04 (9/ 3)	-4.62 (11/28)	13.18	31.39 (9/ 3)	-5.95 (11/28)	13.08	29.63 (9/ 3)	-6.83 (11/28)
96_12	1.74	14.58 (12/16)	-8.29 (12/18)	2.29	13.26 (12/16)	-6.31 (12/19)	1.66	13.27 (12/16)	-7.57 (12/20)	1.26	14.03 (12/16)	-8.78 (12/20)
년	11.86	33.16 (96_ 8)	-13.87 (96_ 2)	12.24	33.47 (96_ 8)	-13.10 (96_ 2)	12.12	37.19 (96_ 8)	-16.19 (96_ 2)	11.81	35.06 (96_ 8)	-16.02 (96_ 2)

표 8. 계속 (Continued): 상대습도의 연간 통계값 (96년 1월 - 96년12월)

높이	67 m			27 m			10 m			1.5 m			
	월	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)
96_1		48.58	100.00 (1/ 2)	0.00 (1/ 1)	25.78	100.00 (1/ 6)	0.00 (1/ 1)	20.89	100.00 (1/ 6)	0.00 (1/ 1)	55.57	100.00 (1/ 7)	0.00 (1/ 1)
96_2		41.46	100.00 (2/ 1)	0.00 (2/ 1)	18.48	100.00 (2/ 4)	0.00 (2/ 1)	12.83	100.00 (2/ 4)	0.00 (2/ 1)	46.52	100.00 (2/13)	0.00 (2/15)
겨울		55.93	100.00 (1/ 2)	0.00 (1/ 1)	42.91	100.00 (1/ 6)	0.00 (1/ 1)	34.65	100.00 (1/ 6)	0.00 (1/ 1)	54.71	100.00 (1/ 7)	0.00 (1/ 1)
96_3		56.92	100.00 (3/ 1)	0.00 (3/ 1)	36.20	100.00 (3/ 1)	0.00 (3/ 1)	30.84	100.00 (3/ 5)	0.00 (3/ 1)	56.77	100.00 (3/ 7)	0.00 (3/ 4)
96_4		38.47	100.00 (4/ 4)	0.00 (4/ 2)	30.83	100.00 (4/ 6)	0.00 (4/ 2)	27.69	100.00 (4/ 6)	0.00 (4/ 2)	45.41	100.00 (4/ 6)	0.00 (4/ 2)
96_5		64.62	100.00 (5/ 1)	0.00 (5/ 2)	47.17	100.00 (5/ 1)	0.00 (5/ 2)	40.20	100.00 (5/ 1)	0.00 (5/ 2)	64.36	100.00 (5/ 1)	0.01 (5/ 3)
봄		53.54	100.00 (3/ 1)	0.00 (3/ 1)	38.38	100.00 (3/ 1)	0.00 (3/ 1)	33.18	100.00 (3/ 5)	0.00 (3/ 1)	55.73	100.00 (3/ 7)	0.00 (3/ 4)
96_6		94.50	100.00 (6/ 1)	0.00 (6/ 4)	88.23	100.00 (6/ 1)	0.00 (6/ 1)	78.76	100.00 (6/ 1)	0.00 (6/ 1)	92.78	100.00 (6/ 1)	23.84 (6/ 5)
96_7		99.96	100.00 (7/ 1)	98.41 (7/ 3)	84.33	100.00 (7/ 1)	0.00 (7/ 8)	70.78	100.00 (7/ 1)	2.54 (7/ 8)	96.68	100.00 (7/ 1)	59.92 (7/ 8)
96_8		99.11	100.00 (8/ 1)	7.52 (8/24)	77.52	100.00 (8/ 1)	0.00 (8/ 6)	61.16	100.00 (8/ 1)	0.00 (8/16)	92.69	100.00 (8/ 1)	45.96 (8/16)
여름		98.02	100.00 (6/ 1)	0.00 (6/ 4)	83.13	100.00 (6/ 1)	0.00 (6/ 1)	69.82	100.00 (6/ 1)	0.00 (6/ 1)	94.11	100.00 (6/ 1)	23.84 (6/ 5)
96_9		84.70	100.00 (9/ 1)	0.00 (9/ 2)	75.47	100.00 (9/ 1)	0.00 (9/ 1)	67.87	100.00 (9/ 1)	0.00 (9/ 1)	83.67	100.00 (9/ 1)	16.79 (9/25)
96_10		84.23	100.00 (10/ 1)	36.50 (10/15)	93.55	99.98 (10/ 4)	55.44 (10/27)	81.76	100.00 (10/ 6)	31.24 (10/15)	76.50	100.00 (10/ 1)	0.01 (10/27)
96_11		82.12	100.00 (11/ 1)	29.33 (11/16)	92.22	99.73 (11/ 1)	51.71 (11/16)	78.37	99.95 (11/ 5)	26.62 (11/16)	68.16	100.00 (11/ 1)	0.00 (11/16)
가을		83.70	100.00 (9/ 1)	0.00 (9/ 2)	87.34	100.00 (9/ 1)	0.00 (9/ 1)	76.39	100.00 (9/ 1)	0.00 (9/ 1)	76.13	100.00 (9/ 1)	0.00 (11/16)
96_12		81.43	100.00 (12/ 6)	30.77 (12/13)	91.74	99.31 (12/11)	50.50 (12/13)	76.39	99.87 (12/15)	27.11 (12/13)	63.01	100.00 (12/ 7)	0.00 (12/13)
년		73.06	100.00 (96_ 1)	0.00 (96_ 1)	63.18	100.00 (96_ 1)	0.00 (96_ 1)	53.60	100.00 (96_ 1)	0.00 (96_ 1)	70.41	100.00 (96_ 1)	0.00 (96_ 1)

표 8. 계속 (Continued): 일사, 강우의 연간 통계값 (96년 1월 - 96년12월)

월	일사량 (MJ/m ²)	최대일사율 (W/m ²)(시:분)	강우(mm)		
			합계	15분최다(월/일)	1시간최다(월/일)
96_ 1	262.17	573.14 (1/31)	5.50	1.00 (1/28)	2.75 (1/28)
96_ 2	350.19	762.99 (2/29)	3.75	0.75 (2/ 4)	1.25 (2/ 4)
겨울	795.20	762.99 (2/29)	9.25	1.00 (1/28)	2.75 (1/28)
96_ 3	311.50	827.69 (3/25)	111.00	2.00 (3/16)	6.00 (3/16)
96_ 4	541.10	984.46 (4/26)	38.50	2.00 (4/17)	4.00 (4/17)
96_ 5	614.06	1029.17 (5/11)	45.75	2.50 (5/ 4)	7.00 (5/20)
봄	1466.65	1029.17 (5/11)	195.25	2.50 (5/ 4)	7.00 (5/20)
96_ 6	385.91	1008.85 (6/ 9)	57.75	5.00 (6/10)	11.25 (6/10)
96_ 7	584.69	1104.25 (7/ 5)	81.75	15.75 (7/15)	26.75 (7/15)
96_ 8	541.91	994.88 (8/14)	71.00	16.50 (8/19)	19.50 (8/19)
여름	1512.51	1104.25 (7/ 5)	210.50	16.50 (8/19)	26.75 (7/15)
96_ 9	461.63	899.35 (9/ 1)	0.00	0.00 (9/ 1)	0.00 (9/ 1)
96_10	357.20	842.73 (10/ 1)	11.25	3.50 (10/ 2)	3.50 (10/ 2)
96_11	206.02	636.10 (11/13)	3.75	0.50 (11/ 5)	0.75 (11/ 8)
가을	1024.84	899.35 (9/ 1)	15.00	3.50 (10/ 2)	3.50 (10/ 2)
96_12	182.84	475.49 (12/ 7)	0.00	0.00 (12/ 6)	0.00 (12/ 6)
년	4799.25	1104.25 (96_ 7)	430.00	16.50 (96_ 8)	26.75 (96_ 7)
				월최다(년_월):111.00 (96_ 3)	

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

METSTAT VERSION 2.0

ANNUAL REPORT

DATA PERIOD : 96/ 1 - 96/12
 WIND DATA LEVEL : 67 M FROM SURFACE
 RECORDED DATA : 32738
 MISSING DATA : 2398
 TOTAL : 35136

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS: ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
0.22~0.50	0.41	0.32	0.28	0.48	0.53	0.41	0.33	0.31	0.22	0.36	0.71	0.54	0.26	0.16	0.20	0.34	35.42
0.51~0.75	0.32	0.19	0.18	0.27	0.31	0.27	0.23	0.22	0.18	0.25	0.51	0.52	0.23	0.16	0.18	0.24	5.84
0.76~1.00	0.40	0.22	0.17	0.27	0.32	0.23	0.16	0.15	0.10	0.20	0.51	0.48	0.15	0.15	0.13	0.28	4.25
1.01~1.50	0.96	0.47	0.29	0.48	0.47	0.37	0.31	0.20	0.18	0.39	1.10	1.00	0.35	0.32	0.38	0.56	3.94
1.51~2.00	1.01	0.41	0.22	0.36	0.39	0.24	0.12	0.15	0.12	0.36	1.00	0.90	0.39	0.39	0.42	0.85	7.75
2.01~3.00	2.00	0.68	0.26	0.49	0.70	0.42	0.13	0.23	0.13	0.57	1.60	1.28	1.23	1.02	1.01	1.75	7.32
3.01~5.00	1.89	0.40	0.09	0.27	0.93	1.10	0.16	0.08	0.05	0.50	1.78	1.25	2.18	1.38	1.04	2.43	13.51
5.01~7.00	0.98	0.00	0.00	0.01	0.40	0.40	0.08	0.00	0.00	0.09	1.26	0.66	0.77	0.17	0.31	0.75	15.53
7.01~10.00	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.63	0.27	0.12	0.01	0.02	0.13	5.01
10.01~13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.01	0.01	0.00	0.00	0.00	1.24
13.01~18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.00	0.00	0.00	0.00	1.04
18.00<	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
TOTAL	7.30	2.70	1.49	2.62	3.81	3.45	1.54	1.34	0.98	2.72	9.27	6.91	5.69	3.75	3.68	7.33	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	7.24	2.37	0.97	0.48	0.82	1.36	1.36	0.66	0.46	0.20	0.71	2.68	1.69	1.81	1.07	1.18	2.36	27.42
B	0.93	0.28	0.08	0.04	0.11	0.19	0.14	0.06	0.08	0.03	0.10	0.30	0.14	0.10	0.06	0.09	0.26	2.99
C	0.80	0.22	0.09	0.07	0.14	0.16	0.14	0.08	0.05	0.04	0.07	0.25	0.21	0.14	0.09	0.10	0.22	2.87
D	3.95	1.50	0.46	0.28	0.39	0.74	0.74	0.28	0.29	0.26	0.69	2.06	1.32	1.19	0.80	0.81	1.65	17.40
E	9.63	2.06	0.70	0.36	0.63	0.96	0.87	0.30	0.30	0.30	0.76	2.56	2.01	1.75	1.29	1.17	2.29	27.95
F	8.24	0.75	0.36	0.25	0.49	0.36	0.19	0.13	0.12	0.12	0.34	1.22	1.26	0.55	0.35	0.28	0.49	15.49
G	4.63	0.12	0.04	0.02	0.05	0.05	0.02	0.01	0.03	0.02	0.04	0.19	0.30	0.14	0.09	0.05	0.07	5.87
TOTAL	35.42	7.30	2.70	1.49	2.62	3.81	3.45	1.54	1.34	0.98	2.72	9.27	6.91	5.69	3.75	3.68	7.33	100.00

METSTAT VERSION 2.0

ANNUAL REPORT

DATA PERIOD : 96/ 1 - 96/12
 WIND DATA LEVEL : 27 M FROM SURFACE
 RECORDED DATA : 33001
 MISSING DATA : 2135
 TOTAL : 35136

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS: ATMOSPHERIC STABILITY CLASS ALL

U (M/S) CALM	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
0.22~	0.50	0.47	0.45	0.33	0.52	0.49	0.40	0.32	0.26	0.31	0.61	0.85	0.38	0.22	0.26	0.41	23.12
0.51~	0.75	0.43	0.32	0.29	0.37	0.37	0.35	0.24	0.22	0.22	0.52	0.70	0.34	0.19	0.21	0.41	6.85
0.76~	1.00	0.47	0.22	0.26	0.37	0.41	0.37	0.23	0.20	0.28	0.56	0.84	0.41	0.24	0.22	0.41	5.58
1.01~	1.50	1.31	0.63	0.50	0.62	0.62	0.53	0.39	0.34	0.48	1.26	2.03	0.77	0.56	0.55	1.09	5.85
1.51~	2.00	1.50	0.64	0.50	0.63	0.41	0.24	0.23	0.16	0.39	1.30	2.10	0.90	0.68	0.69	1.32	12.32
2.01~	3.00	2.42	0.97	0.67	0.82	0.97	0.47	0.18	0.20	0.57	1.73	2.29	1.68	1.57	1.05	2.31	12.28
3.01~	5.00	1.52	0.42	0.13	0.32	1.06	0.77	0.19	0.04	0.40	1.89	1.38	1.52	0.87	0.71	1.91	18.04
5.01~	7.00	0.14	0.00	0.00	0.01	0.08	0.10	0.00	0.00	0.02	0.87	0.43	0.32	0.04	0.05	0.33	13.16
7.01~	10.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.24	0.05	0.02	0.01	0.01	0.02	2.42
10.01~	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.35
13.01~	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
18.00<	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	8.36	3.92	2.78	3.29	4.56	3.65	2.30	1.66	1.36	2.68	9.01	10.66	6.35	4.36	3.74	8.20	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	1.26	2.63	1.51	1.05	1.35	1.98	1.80	1.21	0.88	0.56	1.03	2.97	2.08	1.75	1.26	1.30	2.94	27.54
B	0.48	0.30	0.14	0.10	0.18	0.26	0.12	0.12	0.06	0.08	0.12	0.28	0.22	0.09	0.08	0.09	0.26	2.98
C	0.47	0.26	0.13	0.14	0.18	0.16	0.14	0.12	0.05	0.06	0.07	0.22	0.25	0.17	0.12	0.13	0.19	2.86
D	2.56	1.76	0.64	0.39	0.62	0.83	0.53	0.32	0.33	0.34	0.65	1.97	1.74	1.31	0.93	0.79	1.58	17.30
E	6.86	2.49	0.94	0.76	0.68	0.96	0.75	0.42	0.27	0.26	0.58	2.21	3.47	2.04	1.57	1.16	2.45	27.86
F	7.41	0.79	0.49	0.27	0.25	0.31	0.23	0.10	0.05	0.06	0.19	1.08	2.34	0.82	0.34	0.24	0.65	15.64
G	4.08	0.13	0.08	0.07	0.03	0.07	0.08	0.01	0.01	0.01	0.04	0.28	0.55	0.17	0.05	0.03	0.13	5.82
TOTAL	23.12	8.36	3.92	2.78	3.29	4.56	3.65	2.30	1.66	1.36	2.68	9.01	10.66	6.35	4.36	3.74	8.20	100.00

METSTAT VERSION 2.0

ANNUAL REPORT

DATA PERIOD : 96/ 1 - 96/12
 WIND DATA LEVEL : 10 M FROM SURFACE
 RECORDED DATA : 31651
 MISSING DATA : 3485
 TOTAL : 35136

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS: ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL	
0.22~	0.50	0.66	0.46	0.33	0.47	0.51	0.49	0.32	0.36	0.34	0.44	0.88	1.06	0.64	0.47	0.46	0.68	8.59
0.51~	0.75	0.45	0.28	0.19	0.28	0.28	0.24	0.15	0.18	0.22	0.37	0.58	0.89	0.47	0.29	0.37	0.55	5.78
0.76~	1.00	0.53	0.33	0.24	0.33	0.27	0.17	0.11	0.11	0.16	0.28	0.64	0.77	0.47	0.37	0.31	0.58	5.66
1.01~	1.50	1.13	0.64	0.46	0.61	0.42	0.18	0.11	0.15	0.22	0.68	1.18	1.41	0.94	0.84	0.69	1.05	10.70
1.51~	2.00	1.24	0.58	0.33	0.53	0.45	0.20	0.09	0.10	0.13	0.59	0.94	0.92	0.74	0.63	0.39	0.97	8.84
2.01~	3.00	1.71	0.78	0.48	0.62	0.76	0.26	0.09	0.03	0.07	0.86	1.25	0.92	0.70	0.49	0.46	1.11	10.58
3.01~	5.00	0.79	0.22	0.09	0.16	0.22	0.09	0.02	0.00	0.00	1.03	1.18	0.55	0.27	0.10	0.18	0.60	5.51
5.01~	7.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.03	0.01	0.00	0.01	0.02	0.40	0.07
7.01~	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.01~	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13.01~	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18.00<	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	6.54	3.30	2.12	3.01	2.91	1.64	0.89	0.93	1.15	4.43	6.84	6.54	4.22	3.19	2.87	5.55	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	5.23	2.51	1.69	1.12	1.48	1.45	0.94	0.49	0.54	0.55	2.20	2.28	1.38	1.07	0.87	1.16	2.09	27.07
B	1.06	0.27	0.13	0.09	0.18	0.19	0.06	0.04	0.03	0.05	0.19	0.24	0.11	0.06	0.05	0.08	0.18	3.03
C	1.10	0.24	0.12	0.16	0.14	0.12	0.08	0.03	0.03	0.04	0.14	0.18	0.12	0.13	0.11	0.06	0.14	2.94
D	6.39	1.60	0.53	0.33	0.64	0.57	0.20	0.14	0.13	0.28	1.16	1.57	1.07	0.80	0.71	0.56	0.97	17.63
E	13.77	1.54	0.64	0.34	0.49	0.50	0.29	0.17	0.16	0.17	0.65	1.77	2.15	1.59	1.20	0.88	1.73	28.04
F	11.10	0.33	0.18	0.08	0.08	0.08	0.06	0.02	0.03	0.05	0.08	0.72	1.41	0.48	0.20	0.12	0.40	15.41
G	5.23	0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.08	0.29	0.09	0.03	0.02	0.04	5.87
TOTAL	43.87	6.54	3.30	2.12	3.01	2.91	1.64	0.89	0.93	1.15	4.43	6.84	6.54	4.22	3.19	2.87	5.55	100.00

第 3 章 結論 및 建議事項

多目的研究用 原子爐인 하나로, 廢棄物 處理施設 및 韓國原電燃料株式會社가 위치하고 있는 대덕원자력부지는 地形 特性上 보다 많은 양의 氣象觀測과 分析을 필요로 한다. 다행히 氣象塔의 운영으로 수직방향의 상세한 氣象資料를 얻을 수 있게 되었으나 한 지점에서의 관측값만으로 복잡한 지형에서의 대기 운동을 분석한다는 것은 무리가 있다. 중장기 과제의 수행으로 도입된 고층기상관측시스템인 SODAR를 운영하고 한국원전연료주식회사의 보조기상탑 관측자료를 온 라인으로 연결하여, 이로부터 얻어지는 자료를 함께 분석한다면 보다 정확하게 주변환경에 대한 영향을 파악할 수 있게 될 것이다. 또한 두 基의 氣象塔은 서로 이웃한 두 地點의 垂直 氣象要素의 分布를 觀測할 수 있게 함으로써 微氣象學 研究에도 큰 도움을 줄 수 있을 것이며, 이는 風速場 모델이나 大氣擴散 모델의 검증 및 보완에 중요한 役割을 할 것이다.

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附錄:

기상관측기기 검사·교정 기록부

기상관측기기 (검사, 교정) 기록부

기기명칭	Micro Response Wind Vane #2020	S/N	1977
작업일시	1996. 9. 11.	작업자	김 은 한
부착위치	주기상탑	높이	67 m
동작범위	mechanical 0 to 360 degree azimuth		
교정조건	1-2 : 5 VDC		
	2-3 : R		
사용장비	Fruke 45 multimeter		
	Ronan X88 Calibrator		
기 준 값	센서측정값	교정값	확인측정값
0 도	0 Ohm		
90 도	1270 Ohm		도
180 도	2552 Ohm		도
270 도	3844 Ohm		도
360 도	5066 Ohm	4.919 VDC	도
특기사항			

기상관측기기 (검사, 교정) 기록부

기기명칭	Micro Response Wind Vane #2020	S/N	2334
작업일시	1996. 9. 11.	작업자	김 은 한
부착위치	주기상탑		높이 27 m
동작범위	mechanical 0 to 360 degree azimuth		
교정조건	1-2 : 5 VDC 2-3 : R		
사용장비	Fruke 45 multimeter Ronan X88 Calibrator		
기 준 값	센서측정값	교정값	확인측정값
0 도	0 Ohm		
90 도	1401 Ohm		도
180 도	2714 Ohm		도
270 도	4022 Ohm		도
360 도	5140 Ohm	4.919 VDC	도
특기사항			

기상관측기기 (검사, 교정) 기록부

기기명칭	Micro Response Wind Vane #2020	S/N	1978
작업일시	1996. 9. 11.	작업자	김 은 한
부착위치	주기상탑	높이	10 m
동작범위	mechanical 0 to 360 degree azimuth		
교정조건	1-2 : 5 VDC		
	2-3 : R		
사용장비	Fruke 45 multimeter		
	Ronan X88 Calibrator		
기 준 값	센서측정값	교정값	확인측정값
0 도	0 Ohm		
90 도	1239 Ohm		도
180 도	2499 Ohm		도
270 도	3743 Ohm		도
360 도	4904 Ohm	4.919 VDC	도
특기사항	센서 교체후 교정		

기상관측기기 (검사, 교정) 기록부

기기명칭	Micro Response Anemometer #2031	S/N	730
작업일시	1996. 9. 11	작업자	김 은 한
부착위치	주기상탑	높이	67 m
동작범위	mechanical 0 to 100 mph (44.7 m/sec)		
교정조건	Wind Speed Calibrator 1800 rpm 1-2 : VDC		
사용장비	Fruke 45 multimeter Ronan X88 Calibrator		
기 준 값	센서측정값	교정값	확인측정값
0 mph	0 VDC		
88.8 mph	① 0.6056 VDC		
100.0 mph		② 0.68198 VDC	
③보정지수		682	
특기사항	②= ① x 100 / 88.8 ③= ② x 1000 교체후 교정		

기상관측기기 (검사, 교정) 기록부

기기명칭	Micro Response Anemometer #2031	S/N	724
작업일시	1996. 9. 11.	작업자	김 은 한
부착위치	주기상탑	높이	27 m
동작범위	mechanical 0 to 100 mph (44.7 m/sec)		
교정조건	Wind Speed Calibrator 1800 rpm		
	1-2 : VDC		
사용장비	Fruke 45 multimeter		
	Ronan X88 Calibrator		
기 준 값	센서측정값	교정값	확인측정값
0 mph	0 VDC		
88.8 mph	① 0.5790 VDC		
100.0 mph		② 0.6520 VDC	
③보정지수		652	
특기사항	②= ① x 100 / 88.8 ③= ② x 1000		

기상관측기기 (검사, 교정) 기록부

기기명칭	Micro Response Anemometer #2031	S/N	663
작업일시	1996. 9. 11.	작업자	김 은 한
부착위치	주기상탑	높이	10 m
동작범위	mechanical 0 to 100 mph (44.7 m/sec)		
교정조건	Wind Speed Calibrator 1800 rpm		
	1-2 : VDC		
사용장비	Fruke 45 multimeter		
	Ronan X88 Calibrator		
기 준 값	센서측정값	교정값	확인측정값
0 mph	0 VDC		
88.8 mph	① 0.6290 VDC		
100.0 mph		② 0.7083 VDC	
③보정지수		708	
특기사항	②= ① x 100 / 88.8 ③= ② x 1000		

서 지 정 보 양 식

수행기관보고서번호	위탁기관 보고서 번호	표준보고서번호	INIS 주제코드		
KAERI/RR-1667/96					
제 목 / 부 제	대덕 원자력시설 주변 기상정보 종합해석				
연구책임자 및 부서명	한 문 회 (환경시스템해석분야)				
연구자 및 부서명	이 영 복 (환경시스템해석분야), 김 은 한 ("), 서 경 석 ("), 황 원 태 (")				
발 행 지	대 전	발행기관	한국원자력연구소	발행일	1997. 1. .
페 이 지	116 p.	도 표	유(√), 무()	크 기	cm
참고사항	'96 특수사업과제				
비밀여부	공개(√), 대외비(), 급비밀	보고서종류	연구보고서		
연구위탁기관			계약 번호		
초록 (300 단어 내외)	<p>기상탑과 승강기의 점검 및 보수, 기상관측기기의 교정 및 보수를 실시하였다. DAS에서 수집된 자료는 무선 모뎀을 통하여 氣象情報 處理 시스템에 전달되며 이는 正常稼動 및 事故時 環境영향 평가 시스템과 on-line으로 연결되어 氣象資料의 實時間 이용이 가능하도록 構成되었다. 67m, 27m, 10m 높이에서의 1년간 풍향, 풍속, 온도, 습도와 지표상에서의 온도, 습도, 기압, 일사량, 강우량, 시정거리 등의 관측자료를 수집 하였으며 수집된 자료를 통계처리하여 분석하였다. 연간 바람관측자료를 분석하면 봄, 여름에는 남서풍이 탁월하고 겨울에는 북북서풍이 우세하였다.</p>				
주제명 키워드 (10단어 내외)	기상탑, 기상정보처리, 온-라인 시스템, 환경영향, 기상자료처리				