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Planning A Small-Scale Wind-Electric Generating System in Tama County Iowa

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Planning A Small-Scale Wind-Electric Generating System in Tama County Iowa

PLANNING A SMALL-SCALE WIND-ELECTRIC GENERATING
SYSTEM IN TAMA COUNTY IOWA

A Research Paper
Submitted
In Partial Fulfillment
Of the Requirements for the Degree
Master of Arts

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Introduction

The success of a wind-electric generating system depends on several factors. These would include: the available sites, choice of a site from those possibilities, well defined goals, efforts to make it work, adequate planning, matching the right equipment to each other and to the site and its' own unique characteristics, and execution of the plan (Gipe, 1993; Marier, 1981; Piggott, 1997). A project concerning a small-scale wind-electric system is no different in those respects. This paper describes detailed steps taken in planning a small-scale wind-electric system in East-Central Iowa.

The wind is characterized and quantified. Equipment is described, but not analyzed. Electrical demand for the site is evaluated. The wind, the equipment and the demand are considered together to create a rough plan for a system that will satisfy a significant proportion of the sites' total demand.

Everyone has experienced a sudden gust of wind and probably has been amazed at how strong that can be. However, capturing and saving that power can be more difficult than it sounds. The actual, physical power of the wind increases at the cube exponent of the wind speed (Gipe, 1993; Marier, 1981; Piggott, 1997). This fact, among others, can make a site successful (or not) while another nearby and seemingly identical site might have a completely different outcome (Gipe, 1993; Marier, 1981; Piggott, 1997).

Wind equipment from the late 1970's and into the 1980's was considered ineffective and unreliable. Times have changed. Today's equipment has evolved to be

more reliable and efficient (Gipe, 1993). Today's turbines are out-performing turbines of the same physical size from 20 to 25 years ago in terms of output and uptime.

Small-scale wind power generation systems can play a role in increasing the percentage of Iowa's energy produced by renewable sources (IEC, 2000). It is hoped that this paper and the project it plans will promote increased attention to small-scale wind-electric generating systems in Iowa, and even nationally.

The study site has been described as "always windy". This is not very well quantified, but it will serve as a point of departure for this study.

Statement of Problem

The problem of this study is to determine the appropriateness of a wind-electric generation system for a residential site.

Purpose of Study

The several purposes in this study are:

1. To determine the electrical demand at this site.
2. Determine the components required for a small, residential wind electric system.
3. To predict the overall system output on a monthly basis
4. To characterize the wind at this site.

Need for this Study

The need for this study is based on the following factors:

57% of the electricity in this country is generated by burning coal (U.S. Census Bureau, 1998). In the generation of one-kilowatt hour of electricity by burning coal,

1000 grams of CO₂, 7 grams of sulfur oxides, nitrogen oxides and particulates, more than 200 grams of ash and waste and trace amounts of several different metals are released (McIntyre, 1997). In 1996 Carbon dioxide levels were around 354,000 parts per billion (ppb), (Klingenberg, 1996) contrasted to 290,000 ppb 100 years ago (Graedel & Crutzen, 1989). The generation of electricity by fossil fuels is not, of course, the only cause of record levels of CO₂ and other greenhouse gases in the atmosphere, but it does represent a large share (Graedel & Crutzen, 1989).

Generating electricity from the wind could replace coal for a much larger portion than is currently being realized. Unlike coal or nuclear sources, wind power can be generated at many different scales of size (Bansal, et. al. November 2002). In the case of small-scale generation – it can be produced near from its' point of use, thus reducing transmission line losses.

Successful large wind-electric projects using hundreds of very large wind machines exist in several states. Iowa has several of these large-scale projects (IEC, 2000). These were not planned and put up by a single person or a small group. An individual or small group wishing to plan and erect a small wind-electric system would not have the same advantages in personnel enjoyed by the large projects. The people involved will bring different skills to the project for planning and executing the variety of tasks required. Finding all of the required information, at a level the average person can understand, can be difficult or intimidating. This paper intends to provide an example that others can follow in planning their own systems.

Proven methods exist for determining the load at a residential or small business or institutional site (IEC, 2000). The most direct method for reviewing demand is to use the demand history recorded in electrical utility bills for the site in question. This determination is an important first step in specifying any system – how much do we need?

The exact relationship between wind speed and extracted power is one that must be carefully evaluated for a particular site (IEC, 2000). Several authors of older wind books try to base the success of a small generation system on generalized wind speed data charts collected from the historical National Weather Service (NWS) data. This might be a good place to start, but many other factors come into the overall picture (Gipe, 1993). Is the site on a hill, in a valley, surrounded by trees, how close are the trees, how tall, what species, what type of rotor will be used, what is the efficiency of the rotor, at what wind speed, . . . the list goes on (NREL, 1986). Persons making their first wind-electric system need direction on how to evaluate their site, taking into account the points listed above.

With the site data in hand, equipment for extracting power from the wind can now be looked at with system layout in mind. Each system is different. It is necessary for the small system planner to develop an understanding of each component in the system, what its function is and why it is best suited for use (Marier, 1981). An understanding of how the components interact to give the desired overall system performance is also critical.

How the small power producer integrates the system into everyday use varies from site to site (Gipe, 1993). The individual needs, goals, location, cost and several

other factors need to be brought into question. The approach taken will be the one that best addresses those questions (Marier, 1981).

Research Questions

This study will attempt to answer several questions. They are:

1. What is the annual electrical demand for the proposed test site?
2. What equipment is needed?
3. How much difference is there between wind charts and actual wind speed measurements taken on site?
4. How much power can one expect to generate at a given site with commercially available equipment?

Assumptions

The following assumptions are made in pursuit of this study:

1. That the eventual safety of anyone involved is the top concern. This includes but is not limited to, utility workers, the system owners and those who might be in contact with the system on a daily basis, anyone who may walk across the property, anyone performing routine maintenance or upgrades and observers and guests.
2. By looking at a full year of wind speed data, variations that could cast a different light upon this study will be minimized.
3. Protection of wildlife and the surrounding environment is a concern.

4. Where they exist, manufacturer's instructions will be considered correct and will serve as a procedural guide except in cases of site-specific problems or if safety concerns exist with those instructions.
5. There might be slight differences in methodology for meteorological data acquisition and logging between this study and other nearby reliable sources of data. There will be efforts to minimize these differences. The remainder will be considered inconsequential.

Limitations

This study will be undertaken recognizing the following limitations:

1. The duration of the study will be up through, but no further than, the initial planning stages.
2. The generalizations that can be drawn from this study for application to other sites should be limited to East-Central Iowa. The vegetation types and topographies among other environmental factors, will be different in other locations, and could affect the outcome.
3. There are some site-specific factors, (e.g. tower distance from loads) that need to be considered for all other sites.
4. All work will be performed within a limited budget of \$500.00.
5. All components will be commercially available and off-the-shelf. This paper does not concern itself with the development of new hardware.

Statement of Procedure

The methods employed followed the general flow of the paper as written. This began with a review of the available literature to see what others have thought and done. Then data unique to this study was gathered then analyzed. The data and results were used as material to synthesize a plan and draw conclusions from the plan. The conclusions were made to address the research questions. Additional thoughts and things seen as necessary to continue research in this area were brought forward in the section “Recommendations for further study”.

In each of the three major sections, literature review and plan, data gathering and data analysis, several recurring areas were typically looked into:

- Electrical demand at this site
- How much wind is available
- The site for the study and the generator
- Equipment and the system

CHAPTER 2

LIERATURE REVIEW

Measurement of the Wind and Contributory Factors

The wind and the air around us are always with us. Yet we rarely give it any thought. We are surrounded by a sea of air, but rarely give that any thought. Rarely does the man on the street give any consideration to how much power there is in the wind, why

it's there, or anything else about the wind. It would help at this point to describe a few characteristics of the wind and set the stage for characterizing it at the study site.

The wind is the air around us in motion. This motion is caused by pressure differences when the air goes from places where the air pressure is higher to places where the air pressure is lower, attempting to bring the two areas into a state of equilibrium (Johnson, 1985). The air around us can take on different characteristics influenced by environmental factors. After speed, the two strongest influences on the strength of the wind come from temperature and the barometric pressure of the air mass being studied (Johnson, 1985).

Boyle's Law states that at a constant temperature, the amount of air contained in a certain unit volume multiplied by the pressure exerted on that unit volume of air will be a constant at all other volumes or pressures (Johnson, 1985). The higher the pressure, the smaller the volume will be containing that amount of air. We need a standard to compare all other readings. This standard pressure commonly used in wind studies is equal to a 760 mm high column of metallic mercury (Johnson, 1985).

Charles' Law tells us that at a constant pressure, temperature (absolute) is directly proportional to volume. (Johnson, 1985) Therefore, as temperature increases, the volume of our air mass also increases. This must be measured on an absolute temperature scale – one with zero being the lowest temperature possible. Standard temperature is considered in some studies to be 0 degrees C, or 273.15 degrees K, that will be used for the purposes of data gathering and calculation in this paper. Other studies might use 20 degrees C

(Johnson, 1985). When adjusting for temperature, the Kelvin (absolute) scale must be used for calculations.

For this study, pressure and temperature were recorded but not used to adjust the power in the wind-stream. The reason for doing so is the average temperature in this area is around 10 degrees C. Calculating this out using Charles' law as a guide it can be seen that the effect is about a 3.5% error. $273^0\text{ C}/(273^0\text{ C} + 10^0\text{ C}) = .9645$, which is equal to a 3.55% error. Since pressure will average near standard, errors should cancel each other out. (This was proven in the data where the annual average recorded was 29.90 inches Hg vs. the standard at 29.92 in. Hg, an error of 0.07%.) If needed in a future study of these recorded winds, the data will be there. It is not possible to create them once the event has taken place.

The formula for the amount of power contained within a unit of air flowing past a point has as one of its' variables, the density of the air flowing by it (Heier, 1998).

$$\text{Power} = (\text{Area of wind-stream intercepted}) * (\text{Density} / 2) * (\text{wind-speed})^3$$

As density increases, power does also. In studying the wind, this means that density (and also power) is affected by pressure with an adjustment ratio of measured pressure / standard pressure. Density will also need to be adjusted for temperature by the ratio of standard temperature / measured temperature.

The density of air at standard temperature and pressure (STP) is given as 1.293 kg/m³ (Johnson, 1985). The adjustments for the instantaneous density can be shown as:

$$\text{Adjusted density} = (\text{measured pressure} / \text{standard pressure}) * (\text{standard temperature} / \text{measured temperature}) * 1.293 \text{ kg/m}^3.$$

There are other factors affecting the power contained in the wind-stream at a specific site. Turbulence and drag caused by the shape of the surrounding landforms, buildings and other obstacles and the roughness of the groundcover can have a marked effect on the power available at a specific site. This can be different from what is measured nearby (Gipe, 1999). Generalities to explain each will be given. Each site needs to be considered independently as the sum of all contributing factors (Gipe, 1999).

Turbulence can be seen as anything that keeps the wind flowing past the rotor in a straight line. Backwards flows, swirling around of the wind-stream or any other such things reduce the available power (Gipe, 1999). One way to look at this is to think of the flow as being made up of many small packets of air, all of these packets must be working together. If one of these packets is going against the flow of all of the others, the power of that packet of air and the one it is canceled. To a lesser extent, the same happens with flow that swirls around, this could be looked at as the sum total of the individual efforts of those tiny packets of air. If they are not working together, the total of their efforts are less than it would be in a straight line. Turbulence can be caused by anything within hundreds of meters from the wind site (Gipe, 1999). The larger or closer an object is to the wind site the more likely it is to cause drag or turbulence. The shape of any object in question can cause drag or turbulence as well. The large sloping plane of a rooftop can slow the flow or cause turbulence downwind for hundreds of meters (Gipe, 1999). Also to be considered are the upstream and adjacent flow effects that obstacles will have (Piggott, 1997). Although upstream and adjacent objects do not work at the

same distances, they do need to be considered. That same rooftop located downwind from the site can give a compression effect actually raising the density of the air slightly.

The shape of surrounding land contours can have a significant effect on wind plant performance (Marier, 1981). Ideally, one would locate the equipment at the top of a bald hill. Available land, neighboring buildings, existing trees and other vegetation are all part of the less than ideal situations one will typically run into (Marier, 1981).

Since infinite combinations of land contours exist it is impossible to cover all possibilities so general situations will be described here. Compression effects occur when the cross section of the flow is reduced (Landberg, 2001). This can happen when the flow is forced up a hill or into the side of a large building. The momentum of the flow slightly compresses itself. This increases density, which is good. Separation of the flow can occur when the cross sectional area of the flow is increased (Landberg, 2001). Separation lowers pressure and therefore density. Uneven separation will cause turbulence. Drastic changes in compression or separation across short distances will cause turbulence.

The roughness of the groundcover can slow surface winds considerably (Gipe, 1999). Smooth, flat surfaces will have wind-speeds at the surface much closer to higher altitude winds than will hilly areas with dense plant cover (Gipe, 1999)

Most residential sites do not receive much more consideration than to locate where it seems like a good idea (Gipe, 1999). For this study, the proposed site will be studied for one year. The monitoring equipment will be located at the exact location of the proposed site. This eliminates any chance of differences existing between the

measurement and generator sites. Wind speed and direction were measured at an elevation of 10 meters (Heier, 1998; see also Gipe, 1999) and a frequency of every hour (Marier, 1981). Temperature and pressure data were collected at ground level every hour (Marier, 1981). Any other data that the equipment would also record (humidity, rainfall, etc.) was left intact as reference data.

Project STORM at the University of Northern Iowa (the nearest reliable site) was checked for rough correlation with this data in the analysis section. The intervals and methods employed are equal to or very close to each other.

Discussion of Equipment

There are many components on the market to choose from for each of the major components in the system. Therefore, it is important to specify the requirements for each of these in more detail.

The rotor and the generator come as a single unit for small-scale units and will be considered together in this paper. In order to predict the overall performance of any given unit, its' performance at all wind speeds must be considered together with the wind resource of the site being considered. Selected wind-machines with ratings between 750 and 3000 Watts are being compared in this study. Many different criteria are under consideration, they include:

- Rotor diameter.
- Rotor material.
- Number of rotor blades.
- Rated power and at what wind speed that power occurs.

- Curves for power vs. wind speed.
- Maximum power and at what wind speed that maximum power occurs.
- At what wind speed cut-in (see definition of terms) occurs.
- Furling method
- At what wind speed furling occurs.
- Sound emissions.
- RPM at rated speed.
- Tip speed ratio
- Generator type and voltage
- DC or AC, and if AC - single phase or 3-phase
- Weight
- Lateral load on tower.
- Cost
- Maintenance required
- Parts availability

Each of these criteria needs to be explained. There are many trade-offs to consider since some of the above criteria oppose each other..

- The rotor diameter, also referred to as swept area, is considered by some to be the best indicator of generator performance (Piggott, 1997). This is because most rotors will extract nearly the same amount of power from the wind-stream for a given cross-sectional area. When the rotor diameter is doubled, the area of the wind-stream intercepted is increased by a factor of four. When it is tripled in diameter, the area

The same logic applies for maximum power and its speed of occurrence. However this is just one case from the power curve.

Cut-in is the wind speed at which the machine actually starts generating electricity (Hackleman, 1975). This speed varies from machine to machine and may or may not make sense at the site being studied. Overall performance could be greater if this starts at a low speed at the expense of the greater per-unit-of-time power generated at a higher speed – if those higher wind speeds are not encountered very often at that site.

Furling is general term for over-speed control. An automatic method must be in place to prevent the wind-machine from damaging itself if the wind speed gets too high (Marier, 1981). Several methods exist; tipping the machine backwards on a horizontal axis perpendicular to air flow, rotating the rotor around on a vertical axis so that it is perpendicular to air flow, allowing a surface to create turbulence, rotating the blades on so that the airfoil is no longer effective and allowing the blade to flex due to centripetal force in a manner that temporarily destroys the efficiency of the aerodynamics, thus slowing down rotation.

The furling needs to occur at a speed that will protect the machine, but also allow the machine to take advantage of the high power of stronger winds. A balance is required (Marier, 1981). Once again, a good match between site and machine is essential.

Sound emissions can be the difference between acceptance of the wind machine by neighbors or not. Some furling methods can create very loud sounds at high speeds.

A low RPM at rated speed is desirable according to some. Lower speeds usually mean lower noise levels, longer life expectancy and less vibration. This usually comes in the form of heavier generators, requiring heavier towers (Hackleman, 1975).

Tip speed ratio (TSR) is the ratio between the speed of the tips of the rotor to the speed of the air flow through it. Higher tip speeds generally indicate higher efficiency, but also can be the source of higher noise levels (Marier, 1981).

Generator type and voltage level are important considerations. A trend in small systems is toward efficient, lightweight AC alternators – sometimes even 3-phase. One source (Gipe, 1999) says that these will not last as long. However, tower strength requirements can be reduced by using a light-weight generator so that the efficiency is improved.

In cases such as the site being considered in this paper, if the power is generated at a high enough voltage in AC (single or three phase) it can be sent straight to the control panel without any further conditioning until it gets there. The distance is too far to consider using DC or lower voltages- losses will use too much power.

The weight of the wind-machine is an important consideration for several reasons. First is safety. The heavier the machine that is many feet up in the air, the greater the potential for damage during raising, lowering or high winds. The second consideration is tower cost. Heavier machines require stronger and more expensive towers. On the positive side of higher weight units, some experts consider them to have longer lives and reduced maintenance (Gipe, 1999; see also Hackleman, 1975).

The vertical loading on the tower is not the only one to consider. There is a horizontal loading of the tower as well (Marier, 1981). Since only a small portion of the energy in the wind-stream is extracted, the remainder is available to push sideways on the machine and tower. The manufacturer should be able to provide a lateral load rating of the tower. This is valid only if the tower is installed correctly.

Cost is always a consideration. Low cost must be balanced against safety, performance, maintenance, longevity as well as many other factors.

Low maintenance is always a desirable feature for anything. When the equipment to be maintained is relatively inaccessible due to altitude it becomes extremely important. Few people will want to climb the tower very often. Even with a tip-up tower, the less often the tower needs to go up and down the better. The cost of maintenance is best if kept low as well.

Parts availability is also important. These are not common items. If parts are not available for weeks at a time, overall system performance drops and costs go up. Several years in the business might be a good indicator that the company will be there next year as well (Shultze, 2001).

There are two major groupings of towers, guyed and freestanding (Marier, 1981). Guyed towers have cables to provide lateral stability. Depending on the height, construction, materials and other factors these could have one or more levels of guy cables. Looked at from above, there could be three or more cables per level. Freestanding towers do not have any cables to keep them from falling over sideways.

The base is either firmly mounted in a substantial footing or has the legs further apart at the base.

Within each of these, there are further groupings. Guyed and freestanding towers can be either truss construction (open) or solid. Truss construction is similar to a bridge truss where there are many small, lightweight members making up the truss. In this case, the truss is turned up on its' end and is very tall but narrow compared to a bridge truss. The solid tower is actually hollow, but this outer skin is solid. This would be similar to a large diameter flagpole. Another way of describing towers is as stationary or tip-up (Gipe, 1999). Stationary towers stay as they were set for as long as they are used, or beyond. Cranes or intricate temporary poles (gin-poles) are used to set wind-machines upon them. Tip-up towers can be erected and lowered with or without the wind machine on top and without the need for anyone to climb them. The base of the tower is anchored to a pivot. A side pole mounted perpendicular to the tower (also referred to as a gin pole) starts out vertical and is used as the pulling leg. A winch, tractor or some other device is used as a source of force to pull the gin pole down and the tower up. In this plan, preference is given to guyed, solid tip-up towers. Preference to guyed for increased stability, solid for aesthetic reasons as well as reduced chances of avian mortality and tip-up for the higher personal safety factor.

Other important factors to consider are:

- Height
- Number of guy cables
- Gin pole length

- Size of erection crew
- Type of pull force required to erect
- Cost
- Type of anchoring required
- Type of footing required

Height is important for the very reason a tower is used – to get the wind-machine up into a stronger wind-stream (Johnson, 1985). The rotor must also be nine meters above any obstruction within 90 to 100 meters to avoid turbulence.

The correct number and number of levels of guy cables is determined by the manufacturer. To the user it is an indication of how many cables will have to be adjusted in set-up and for maintenance.

The gin pole should be long enough to provide adequate leverage in erection, but not so long that it is difficult to work with (Hackleman, 1975). Some stay mounted after the tower is up – to be ready to take down if the need arises.

Size of the erection crew is important – the fewer needed the better. If an emergency to lower the tower arises, it will be easier to gather a few people than it will be to gather many.

Some towers require a tractor, truck or other large, heavy vehicle to provide enough force to lift the tower. There are others that require only a hand operated lever device to provide the force. The lever device could be stored on site, a truck or tractor might not always be available. Lower force requirements are preferred.

Cost is important, but not to the point of ignoring safety of any other important criteria. Cost must also consider the whole picture, purchase or rental of other equipment and all hardware required.

The type of anchoring required can vary (Gipe, 1999). Some towers use screw-in earth anchors, others need or specify a deep reinforced concrete anchor and others may bury a concrete block under several feet of earth. The cost and effort of preparing these can't be ignored and must be considered as part of the whole package. If that is what is specified by the tower manufacturer, it can't be ignored when it is time to prepare the anchors.

The tower itself must sit on a solid base. The footing or foundation that has been specified by manufacturer of the tower must be followed exactly. The cost and time to prepare this base needs to be added into the total cost of the tower.

Once power has been extracted and transported to the control panel, it needs to be conditioned for use. Whatever power is demanded at the residence at that moment will be utilized immediately. Power that remains after that will be sent into the grid.

Inverters can be seen as overall power conversion device. It is able to change DC to AC, and change voltage. They are the most sophisticated electronic devices used in the system. The inverter will make using small-scale renewable energy nearly transparent to most users of the power. Dankoff, (2001) lists several specifications to look carefully at when evaluating this important component in the system. They are:

- Environment

- Safety Certifications
- Power capacity
- Continuous rating
- Limited-time rating
- Surge rating
- Power quality
- Percent Total Harmonic Distortion (THD)
- RMS voltage regulation
- Input voltages
- Output voltages
- Efficiency
- Internal protection
- Idle power
- Switching frequency
- Charging features

All of these criteria deserve full explanation. The environment in which the inverter will be placed cannot be more severe than the unit is rated for. Temperature is the primary consideration. Also under this criteria would be if the unit is being considered to for residential, marine, RV or other use. Different systems would have different requirements. The inverter should match the application.

Safety certifications are also a very important criteria. UL, CSA or ETL standards do exist for inverters and must be met for a safe installation.

Power capacity should exceed the design capacity of the system for each of the three ratings describing different levels of power draw. These should be given for a set temperature.

The first level of power draw is the continuous rating. This rating describes how much power can be drawn for an infinite period of time without damaging the device or tripping any protection device.

The next rating to consider is the limited-time rating. Limited time would be considered to be for 10 to 20 minutes without damage or tripping.

The surge rating needs to be known for starting currents for motors and other items that have a high initial power draw to start, quickly dropping to a lower, steady rate.

Power quality describes the ability of the inverter to provide a sinusoidal waveform with low total harmonic distortion (THD). THD is a measure of how far the voltage

waveform deviates from the ideal pure sinusoidal waveform. Dankoff, (2001) mentions that for home use, 6% would be the maximum acceptable.

RMS voltage regulation is the ability of the inverter to regulate the voltage at the root mean squared (average) value. Simplified, it means that it is expected for a meter to read 115V if an outlet is checked for voltage – and this is a measure of how far it can be allowed to go.

Input voltage is the voltage induced from the generating devices that will work with the inverter. There may be several allowable voltage levels.

Output voltage is the voltage that the inverter will give as useable AC signal. This might also be listed as RMS value.

Efficiency needs to be looked at carefully. The efficiency will vary depending on the magnitude of the load that is being drawn. Care must be taken to make estimates of total load at several levels and the time spent at each one when analyzing efficiency.

The inverter is best run at a near steady state with no large spike or surges. Internal protection is used to isolate the sensitive circuits inside the inverter from any of these severe conditions.

Even when no power is being drawn, the inverter still draws a little power to keep itself ready for when a load does appear. This small power draw is called the idle power. The smaller this is the better the performance.

Switching frequency describes a characteristic of the circuit. Inverters can be built with high or low switching frequencies. Although larger, heavier and more

expensive, low switching frequency inverters have more surge power and continuous capacity than do less expensive and lighter high frequency versions.

Many inverters have charge controllers built into their circuitry. If a battery back-up were ever considered, this would be an important feature.

The overall system design is an important aspect to a renewable energy system. The goals of the system, safety, cost, how the components work independently and in concert with each other all need to be considered. The approach taken was to look at as many small-scale renewable energy systems as possible, with emphasis given to wind systems, and try to pull as many applicable common elements out of those systems for use in the project system. *Home Power* magazine has many of these systems explained and illustrated in articles targeted to the practitioner.

The system was roughed in with the wind generator, inverter and load center panel as major pieces for the rest of the system to fill-in around. This gave a beginning, middle and end to the system. Safety devices, such as shut-offs and lightning arrestors were added next to assure the system would operate safely without damage or injury to anything or anyone in contact or nearby. The design was then reviewed with the project advisor. Additional disconnects, fuses and grounding rods were added as a result of this discussion.

Meters and monitoring could be added if desired. Since the power generated will not exceed residential demand, it will not be necessary to monitor flow to the grid.

Determination of Residential Electrical Demand

Two commonly used methods exist for determining an estimate of residential electrical demand; an integration of the estimated usage of each electricity consuming device and reviewing past electrical bills (Marier, 1981).

In the first method, a chart is created to list each device, the amount of power it consumes – in idle and full use conditions, the estimated time per average day that device is used and finally, a calculated figure expressing the individual devices' average daily power consumption. These individual amounts of power can then be summed to give a daily figure of estimated power consumption. The daily amounts can be multiplied by the appropriate factor to give monthly, annual or whatever increment is desired. This method should only be used when a monthly utility history is not available. Not only is it more time consuming, it is not as accurate. The inaccuracies come from several sources. The estimator might err in the time of use for one or more of the devices on the chart. Another source of error might be forgetting to take seasonal differences into account. Lights are required for fewer hours in the summer months, people are outdoors more, a number of differences can occur. Small differences in the time estimate used for certain devices (air conditioning with its' sporadic run-time for example) can make a very big difference in electrical demand.

When using ones own past utility bills, the amount of power used has been carefully tracked. The occupants' power consumption habits are included, any conservation efforts are included, its' all right there.

For this paper, the decision is very easy – the simpler, yet more accurate method using utility bill history will be used.

Description of Site and Noteworthy Factors

The ideal site would place the tower at a point where winds from all directions would be maximized, be safe from any tampering, put the center of the turbine axis at least 9 meters above anything within 90 meters and be very close to the point of use (Marier, 1981; see also Gipe, 1999). Properties that allow all of this in a single lot are few. Compromises must be made or if the site is too far from ideal – projects must be cancelled.

The study site is a residential lot. It measures 150 feet (45.7 meters) in the North/South direction and 535 feet (163.1 meters) in the East/West direction. One design parameter is that if the tower does fall, it should fall on this lot, not any of the neighboring properties (or any buildings on this lot). That limits the tower sites to a line running east to west down the center of the property at least 75 feet from the buildings. This eliminates the front 185 feet (56.4 meters). Approximately 250 feet (76.1 meters) behind the house is the highest remaining point on this line. All other points on this centerline were compared against this high point for all other factors and could not surpass it when taking all other things into consideration.

The study site is located at approximately 42 degrees, 16 minutes and 14 seconds North latitude and 92 degrees, 21 minutes and 0 seconds W longitude. It lies at an elevation of 940 feet (286.5 meters) above sea level.

The site is in Geneseo township, Tama county approximately 1.75 miles south of the Tama/Black Hawk county line and 2.62 miles West of the Tama/Benton county line.

The landform could be described as rolling hills, with ridges run SE to NW, and are similar to sand dunes, except they are made of dirt, clay and rock.

Significant buildings and trees are marked in figure 1, Site Map. Their heights and distances are marked on Table 3, for later consideration as obstacles. The groundcover is lawn where not marked. Other areas have been left to grow as natural prairie and are typically 12 to 24 inches tall, comprised of grass, weeds and wildflowers. There are occasional evergreen and cedar trees dispersed in these areas. All elevations are given as relative to the proposed tower site.

Due to drag effects on the flow of the wind at the surface of the earth, wind speeds vary with altitude. This is described by the formula:

$$v_{\text{new}} = v_{\text{known}} * (h / h_{\text{known}})^a$$

where: v_{new} is the velocity of the wind to be determined at the new height

v_{known} is the measured velocity – in most cases (including this study) this is the velocity measured at 10 m above ground level.

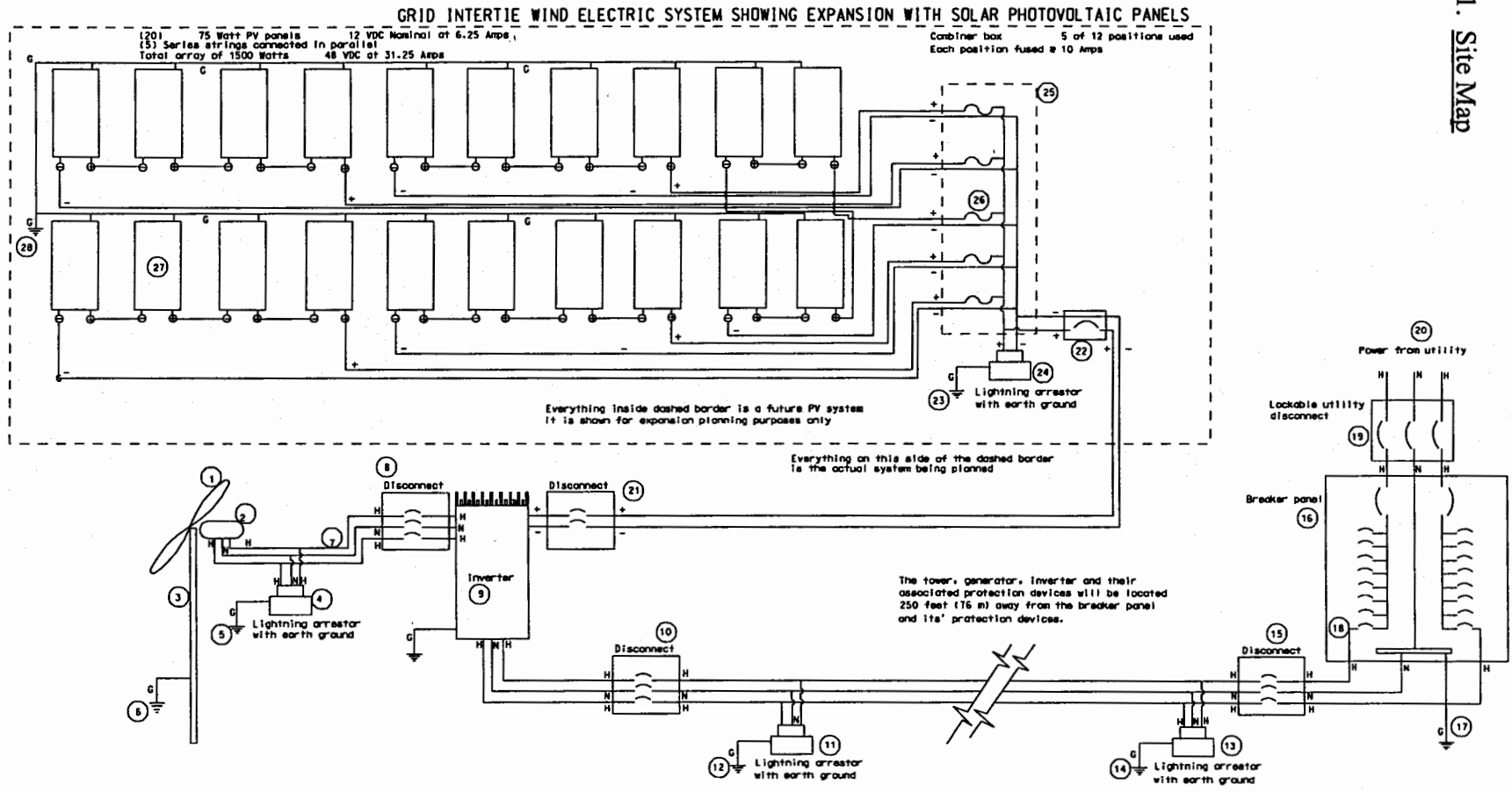
h is the new height for which velocity is being determined.

h_{known} is the height at which measurements are taken.

a is an exponent, typically ranging from 0.14 to 0.17

(Heier, 1998)

Figure 1. Site Map



Gipe (1999) mentions that it may be appropriate to use exponents as low as 0.10 over smooth terrain or as high as 0.25 for rough terrain. An exponent of 0.15 is suggested for low grass areas (Gipe, 1999) and will be used for this study.

An alternative method of determining the wind resource is to use wind resource maps such as are provided by the National Renewable Energy Labs (NREL). (Appendix 1.) These cannot take into consideration all of the unique factors for any given site (Marier, 1981). For that reason, the decision to go forward with collecting the full data set for one year was made. In the extreme case of data gathering equipment failure, these could be used as a back-up.

Synthesis into a Working System

Since the needs and desires at each renewable energy site are different from any other, each system must be assembled from components into a unique system. The system will be specified herein from a combination of what needs to be done and what is available to do it. In the first pass, only major components will be listed. Support items will be listed later.

First, a means to extract mechanical motion from the mass of air flowing past a given point will be needed. This is the rotor of the wind-machine itself. This is labeled "1" in, figure 2, the system diagram. The rotor is aerodynamically shaped to extract as much power from the wind-stream as possible (Heier, 1998). The rotor is coupled to the generator, 2, either directly, or through some sort of transmission device. It is important to match the generating speed characteristics to the rotational speed of the rotor (Johnson, 1985). Successful commercial units have already made this match.

The generator itself will transform the rotational energy to electrical energy. This will take one of three different forms; direct current (DC), single-phase alternating current (AC) or three phase alternating current (3-phase). Different generators or alternators will have different outputs. This will either be sent downstream directly, or be conditioned in some manner to more efficiently make the trip to the distribution panel, 16.

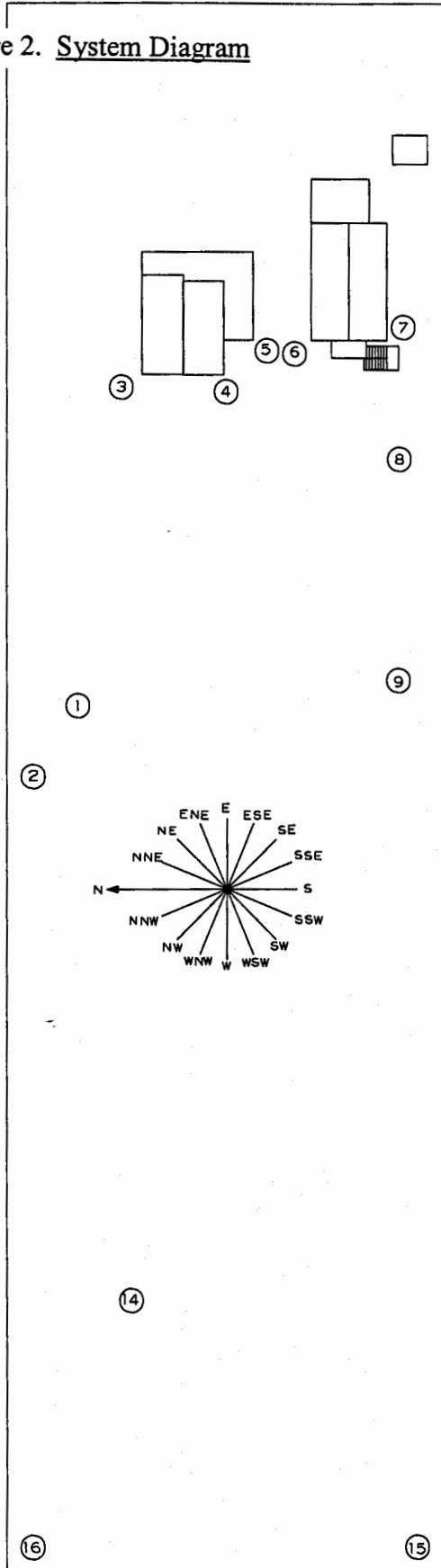
The rotor for energy extraction and the generator for energy transformation need to be located where the wind is the strongest. As mentioned earlier in this paper, that is almost certain that would need to be at a considerable height. A tower, 3, is used to do this.

The taller the tower is, the more likely it is to draw lightning strikes. Couple this with the desirability that the tower is located on a hilltop and the probability increases further. To prevent damage to the generator and cables from these strikes, a lightning arrester, 4, is used (Sagrillo, 1991). This will absorb the over-voltage and discharge it to earth ground through a buried ground rod, 5.

The tower itself also has an earth ground connection, 6. This provides a path for lightning or other fault currents around the conductors from the generator and downward, and right to the ground – protecting the tower, generator and conductors.

Wire or cable, 7 of sufficient current carrying capacity (ampacity) is needed to connect all of these devices. Insulation must match the environmental conditions that are presented in each application (NEC, 2005).

Figure 2. System Diagram



- 1 Valley trees south edge
- 2 Valley trees north edge
- 3 NW house corner
- 4 SW house corner
- 5 SW porch corner
- 6 NW garage corner
- 7 SW garage corner
- 8 South border maple 1
- 9 South border maple 2
- 10 Neighbors' garage east
- 11 Neighbor's garage west
- 12 Neighbor's house east
- 13 Neighbor's house west
- 14 West evergreen
- 15 West fence-row grove south
- 16 West fence-row grove north

Major components such as the generator, inverter, and breaker panel have disconnects; 8, 10, 15, 21, on the upstream and downstream sides to prevent shock to service personnel (NEC, 2005).

The system needs to use something to condition the power for more efficient transmission to the distribution panel. If the power is DC and it needs to travel very far, it should be inverted into AC. It may also be necessary to increase the voltage level to reduce line losses. If the power is already AC or 3-phase, it might not need any conditioning, if it is at a high enough voltage to reduce line losses. The device to convert DC into AC is called an inverter, 9. To change voltages in AC, a transformer is used. Sometimes the term inverter is used to collectively refer to many devices within the same enclosure. This would include a charge controller, Maximum Power Point Tracking (MPPT) device, inverter transformer and the lugs and connection points to make it able to accept inputs and outputs. The inverter also senses the frequency and phase of the AC power coming from the utility and converts its' output to be in phase with the utility power – thus making a common connection possible (Perez, 1987).

The turbine, generator and inverter will all be located on or near the tower itself. The site chosen in this study as the most likely optimum location for the tower is located approximately 250 feet (76m) away from the distribution panel. This could be enough distance for induced lightning strikes to enter the buried cable along that length. In order to protect the components at both ends of that cable, lightning arrestors; 11, 13, and ground rods;12,14, must be present at each end.

The renewable and utility power sources are integrated together in the distribution panel or circuit breaker box, 16. This is a standard 200-amp residential service panel. The utility power feeds in from the top and connects with the internal bus, 18. It has the normal earth ground, 17, for fault protection. The renewable power feed also connects to the internal bus. Since the inverter, 9, matched the voltage and phase values of both the renewable and grid systems, there is no problem with tying them together.

The final device between the distribution panel and the utility meter is a lockable disconnect, 20. This must be external to all buildings and accessible to locking by the utility (NEC, 2005). The purpose of this piece of equipment is to provide a means for the utility to prevent power from flowing backwards into their lines when linemen need to provide service.

There are possibilities of the system expanding to include solar photovoltaic (PV) panels. Failure to plan ahead, even just a little bit, could become very expensive later.

Provisions are made at this time for expanding the system to include a (PV) subsystem. An array of twenty, 75-Watt panels, 27, would be grouped into five strings of four panels. The frames of each of these strings would be tied together and into a common earth ground, 28. The power from these series-connected strings would be connected together in parallel in the combiner box, 25, with each string being fuse protected, 26.

The PV array would be susceptible to lightning damage as well, so a lightning arrester, 24, that is connected to earth ground, 23, is also used here. A 40-amp breaker,

22, is used for protection and as an additional disconnect close to the panels. A disconnect is also placed right next to the inverter.

CHAPTER 3

PROCEDURE

How the Meteorological Data was Gathered and Recorded

Weather monitors can cover quite a price range. Since this project was running under a limited budget, the search focused on the lower priced units. A low cost weather monitoring station (LaCrosse Technologies Model WS-2310) was found and purchased. The accuracies for wind speed (plus or minus 0.1 mph), direction (16 compass point resolution), temperature (plus or minus 0.2 degrees C.) and pressure (plus or minus 0.1 inches of Hg) were within desired ranges.

Using the standard of 10 meters above ground level at the point at which the tower is to be located, planning for the meteorological tower (met tower) began. A sectional military surplus radio mast was found through an internet-search. It was felt that since this was a free standing mast, if it was guyed it should withstand anything that it would likely encounter in the data gathering period. It was purchased and converted to become a guyed tower. An adaptor was designed and built to mount the wind sensors at the top. The bottom section of the tower was anchored in approximately 0.8 m of concrete, 0.25 m in diameter. Three guy anchors were set in concrete approximately 0.7m of concrete, 0.25 m in diameter, spaced 120 degrees apart at a distance of 10 m from the tower base.

A tip-up bracket was designed and built to ease the erection of the tower. This bracket was fixed to the base section and the remainder of the tower, was laid on its' side at the base of the tower and attached to the tip-up bracket. Guy lines of 3mm cable were attached to the top of the tower, the top data unit mounted in place, data cables secured to the side of the tower, and cable end packages and a set of tools prepared at each anchor.

A tractor with a front-end loader and nylon sling were brought into place at the base of the tower. The tower was brought up into position with the end-loader providing the lift and the tip-up bracket acting as the pivot. One person was stationed at each anchor, initially to keep the cables from tangling, but once the tower was in place their assignments changed to securing the cables. In less than ten minutes, the tractor was able to detach the sling and pull away. The tower was then trimmed to be completely vertical by adjusting cable turnbuckles.

The sending unit was mounted inside a weather-tight polypropylene box at the base of the tower with the data cables coming in from the bottom. The lower sensing unit was connected to the sender. Many difficulties were encountered in establishing communications between the sending unit and a laptop computer. The first successful data transmission to the laptop was on 28 December 2004. Since this was so close to the end of the month and year, it was decided to use 01 January 2005 to 31 December 2005 as the data-gathering period. In the early weeks, there were several additional difficulties encountered. There were several ice storms. These coated the anemometer with ice and would not let it turn. There were additional data transmission problems.

Most of the lost data was covered by the data recorded by the UNI Earth Sciences department (<http://www.uni.edu/storm/>). These data points are recorded in the daily data as bold type. There were a few data points where their equipment was iced over as well. In these few cases, the last and next data points were used as end points and the missing points in-between were filled in as a straight line connecting them, these data points appear in italics.

A second, redundant sending unit was procured to be a backup to the one that was tied in to the laptop used to record the data.

The data that was sent to the laptop was not in a form that was easily translated. It was necessary to transfer the daily data, by hand, onto paper for later re-entry into spreadsheet form for later manipulation. An example spreadsheet is shown in Table 1. All 365 daily data sheets are available for viewing in Appendix B.

Table 1. Sample Data SheetWeather Data for
9-Jan-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.19	-6.2	S	10.2	79
1	29.15	-5.9	S	11.6	79
2	29.15	-5.7	S	8.5	80
3	29.14	-5.7	S	11.4	80
4	29.1	-5.8	SSE	10.9	80
5	29.08	-5.4	SSE	6.4	81
6	29.07	-5.2	SSE	10.5	82
7	29.04	-4.9	SSE	11.6	82
8	29.02	-4.5	SSE	7	83
9	29.03	-3.9	S	7	83
10	29.01	-3.3	S	9	83
11	28.98	-2.8	SE	9	83
12	28.94	-2.2	S	9	82
13	28.9	-1.7	S	10	82
14	28.88	-1.1	S	7	83
15	28.93	-0.6	SW	7	84
16	28.96	-0.6	W	7	85
17	28.99	-0.6	WNW	10	85
18	29.01	-0.8	WNW	7	83
19	29.03	-1.6	NW	9	80
20	29.06	-1.5	NW	8	80
21	29.1	-3.9	NW	11	77
22	29.14	-6.8	NW	9	72
23	29.19	-10	NW	0	69
* Anemometer iced					
<u>Avg</u>	<u>29.045</u>	<u>-3.779</u>		<u>8.629</u>	<u>80.708</u>

Demand Data Gathering

The historical data for residential electrical demand was very easy to obtain. A request was made with the local utility, Traer Municipal Utilities, and all historical data was provided. It is presented in Table 2.

Table 2. Demand History

<u>From</u>	<u>To</u>	<u>KWh</u>
15 December 2003	15 January 2004	676
15 January 2004	15 February 2004	1041
15 February 2004	15 March 2004	1156
15 March 2004	15 April 2004	754
15 April 2004	15 May 2004	350
15 May 2004	15 June 2004	172
15 June 2004	15 July 2004	533
15 July 2004	15 August 2004	840
15 August 2004	15 September 2004	827
15 September 2004	15 October 2004	808
15 October 2004	15 November 2004	822
15 November 2005	15 December 2004	790
15 December 2004	15 January 2005	1299
15 January 2005	15 February 2005	1149
15 February 2005	15 March 2005	2624
15 March 2005	15 April 2005	2278

15 April 2005	15 May 2005	1379
15 May 2005	15 June 2005	1085
15 June 2005	15 July 2005	905
15 July 2005	15 August 2005	976
15 August 2005	15 September 2005	1289
15 September 2005	15 October 2005	1066
15 October 2005	15 November 2005	765

Recording of Site Factors

All possible obstacles within 300 feet were noted, and mapped. These objects can be seen in Figure 1 and are noted for location in Table 3.

They were then checked for elevation relative to the tower site. This was to assure that there were no obstacles that were within 9 m (30 feet) in elevation and 91 m (300 feet) distance.

The minor vegetation was noted as predominately tall grass to later arrive at an appropriate elevation exponent figure.

Table 3. Directions, Distances and Relative Elevations of Possible Obstacles

No.	Description	Direction	Distance	Relative Elevation
1	Valley trees south edge	50	82	+30
2	Valley trees north edge	30	78	+30
3	NW house corner	73.5	246	+32, +42 to peak
4	SW house corner	80	243	+32
5	SW porch corner	90	254	+21
6	NW garage corner	102	254	+22, +32 to peak
7	SW garage corner	109	255	+22
8	South border maple 1	116	188	+29
9	South border maple 2	138	117	+26
10	Neighbors' garage east	123	258	+20, +27 to peak
11	Neighbor's garage west	130	227	+20
12	Neighbor's house east	144	245	+22, +29 to peak
13	Neighbor's house west	158	232	+22
14	West evergreen	295	96	+16
15	West fence-row grove south	250	191	+30 to top
16	West fence-row grove north	320	190	+30 to top

System Layout

The system was designed in a multi-pass manner. In the first pass, the need for each of the major components was determined. Starting with the wind, a component is needed to extract and transform as much kinetic energy into mechanical energy as possible. This is the rotor, or what many commonly, but incorrectly, refer to as the propeller. This is attached coaxially with either the shaft of the generator or a gearbox that drives the generator. This transforms the mechanical energy into electrical energy.

This electrical energy is quite often in a form that could be subject to transmission losses or is not directly useable. To remedy that, in this system it will be fed into a device called an inverter. The inverter does many things. It takes out of phase AC, single or three phase current, or DC current and changes it into an output that is single phase AC, at the correct voltage, and sets it in phase with the utility (Perez, 1987) so that the renewable power can be connected directly to the utility power – through the distribution panel.

The distribution panel is the final major component. This is where the conventional and the renewable power come together. This is accomplished through a standard panel breaker, sized to safely handle the maximum current possible from the inverter. The current runs to the internal bus of the distribution panel instead of from it.

A second pass through the circuit adds protection devices. These protect equipment, people and structures. They cannot be left out.

The National Electrical Code (NEC) (NEC, 2005) requires a means to disconnect on both sides of all major components. Therefore, the circuit calls for disconnects at the

base of the tower, on both sides of the inverter, on the wind energy side of the distribution panel (as close as possible to the panel) and finally a utility lockable disconnect on the utility side of the distribution panel.

Lightning protection is used to protect the equipment and to protect people and property near any power circuit. Relative to the rest of the system, lightning arrestors are fairly inexpensive. There is one called out at the base of the tower, and at each end of the long run of wire from the inverter and the distribution panel. A run this long could pick up a lightning strike through induction. An arrestor at each end will help protect the devices beyond that length of wire.

A more detailed circuit layout would add monitoring and metering devices. This paper will not attempt to determine the monitoring needs of the system or the equipment required, therefore that step is not detailed herein.

CHAPTER 4

ANALYSIS OF DATA

Analysis of Meteorological Data

A list of what the important quantities to be calculated was created:

1. Monthly and annual wind roses for speed vs. direction.
2. Monthly and annual wind roses for frequency vs. direction.
3. Monthly and annual histograms to show the frequency of winds at different speeds.
4. Monthly averages for pressure, temperature and wind speed.

The averages for the 24 hourly readings for barometric pressure, temperature, wind direction, wind speed and humidity were calculated for each day and recorded on the daily data sheets. Individual data points for wind speed were pulled from the daily data and re-entered as wind speeds listed within each of the sixteen compass points – by month. For the frequency wind roses, these points within each months sixteen compass point had to be counted and recorded for each of the sixteen points. These can be seen in figures 3 through 14.

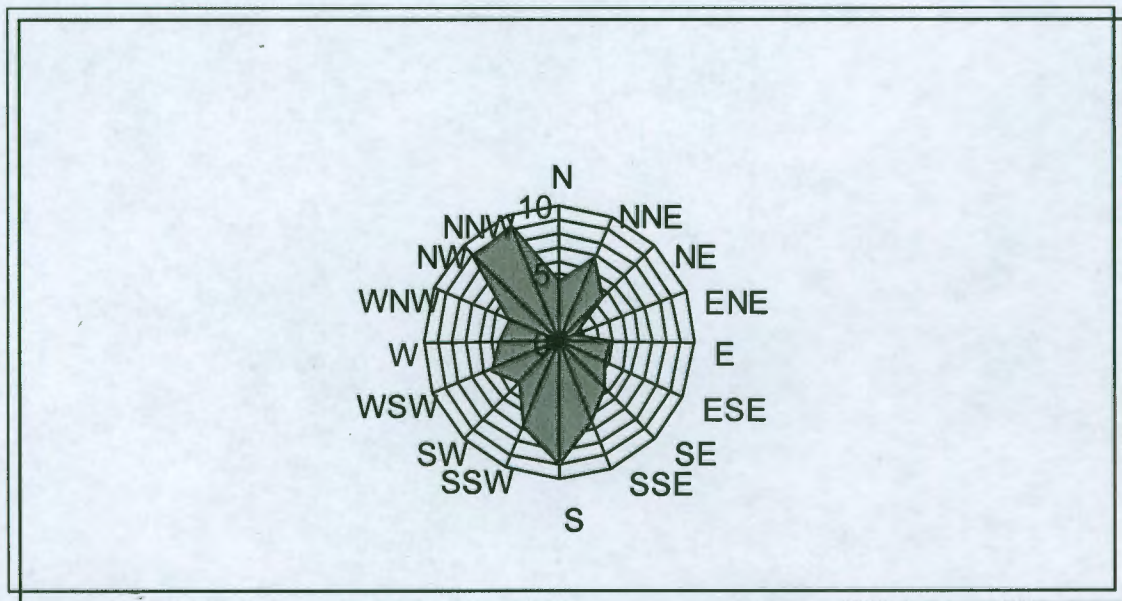


Figure 3. Wind Rose for January 2005. This shows the average strength of the wind for each of the 16 compass points during the month of January. Further from center indicates stronger winds.

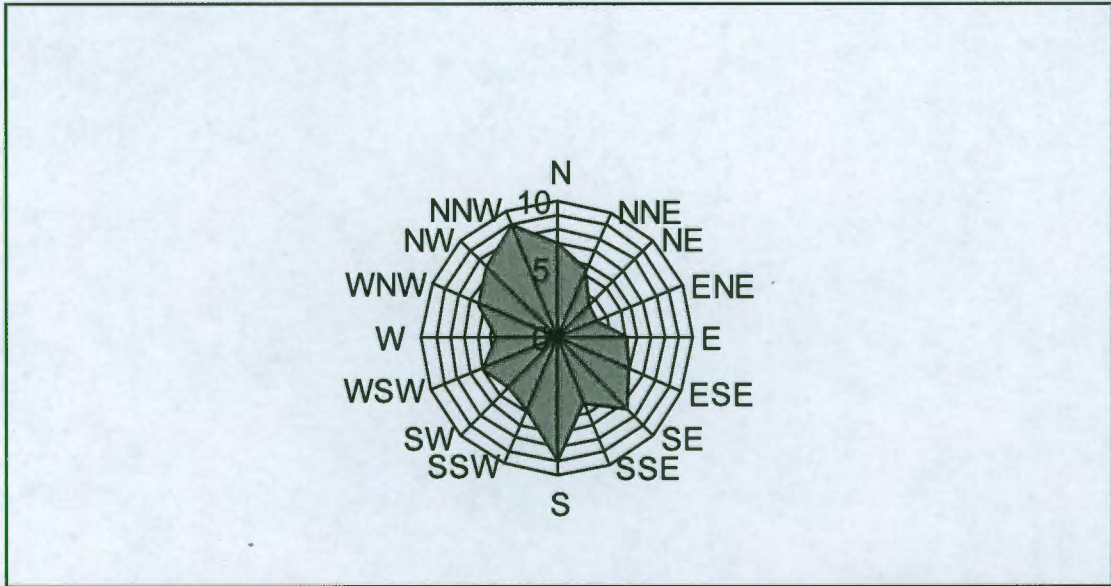


Figure 4. Wind Rose for February 2005.

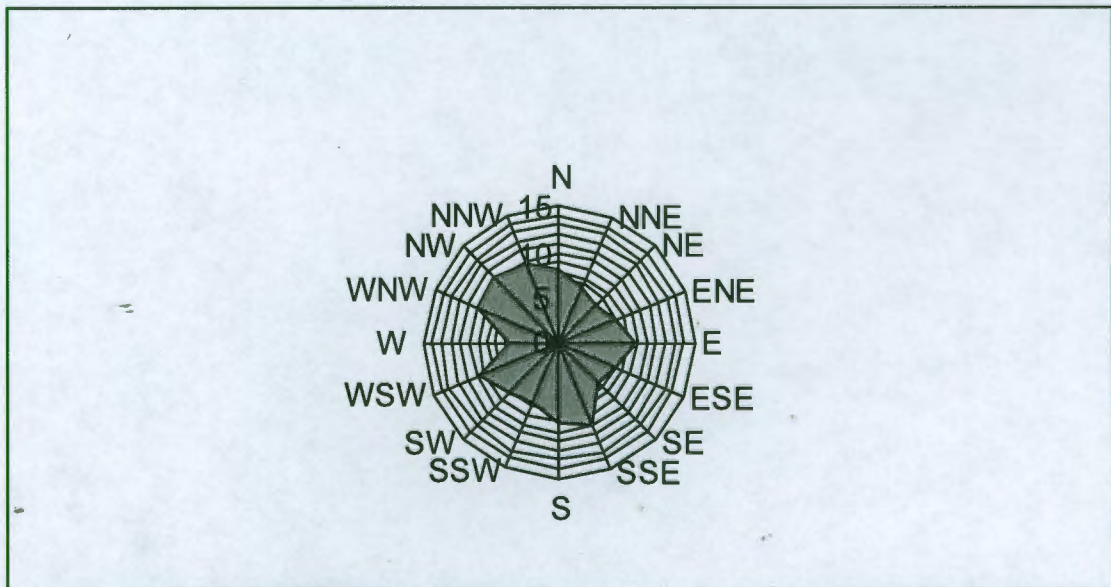


Figure 5. Wind Rose for March 2005.

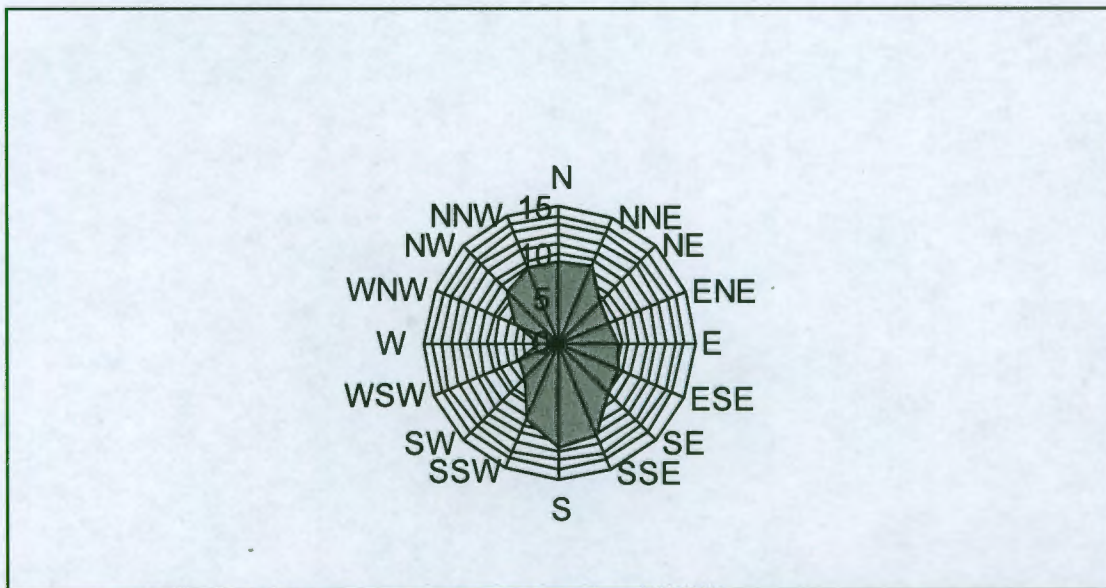


Figure 6. Wind Rose for April 2005.

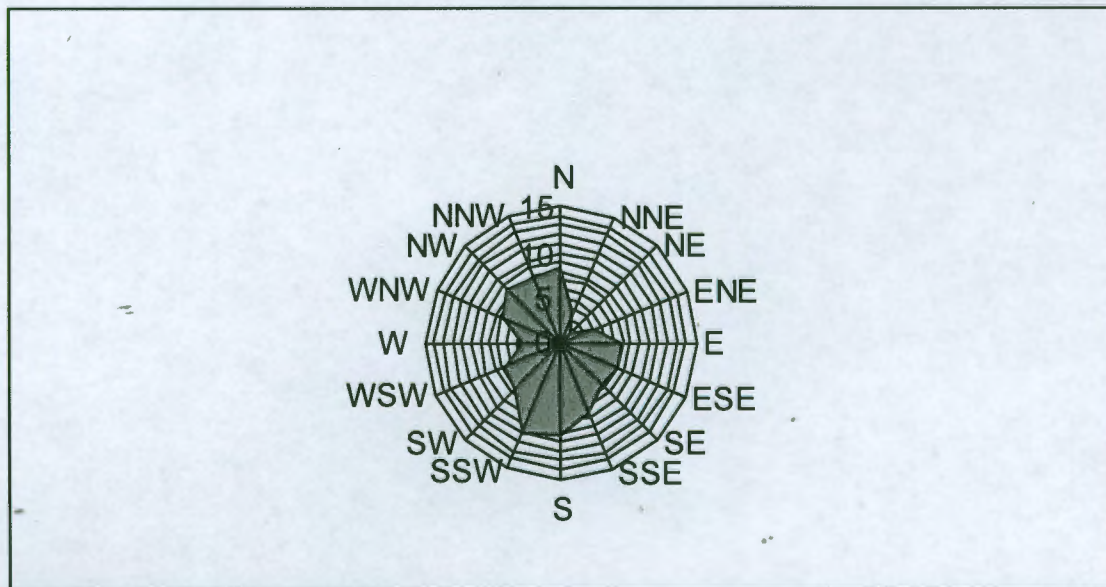


Figure 7. Wind Rose for May of 2005.

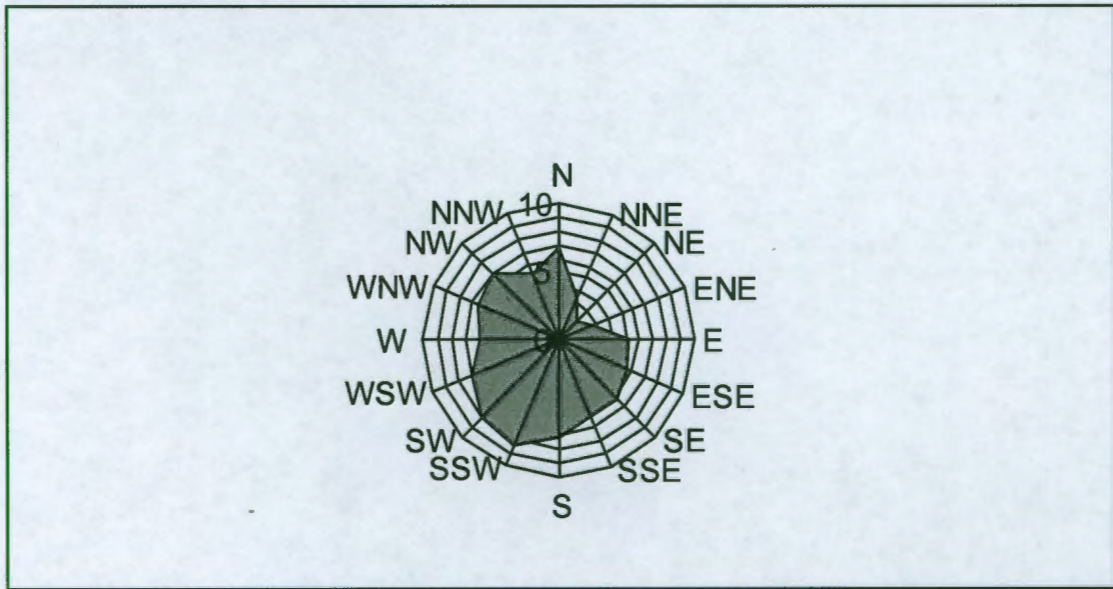


Figure 8. Wind Rose for June 2005

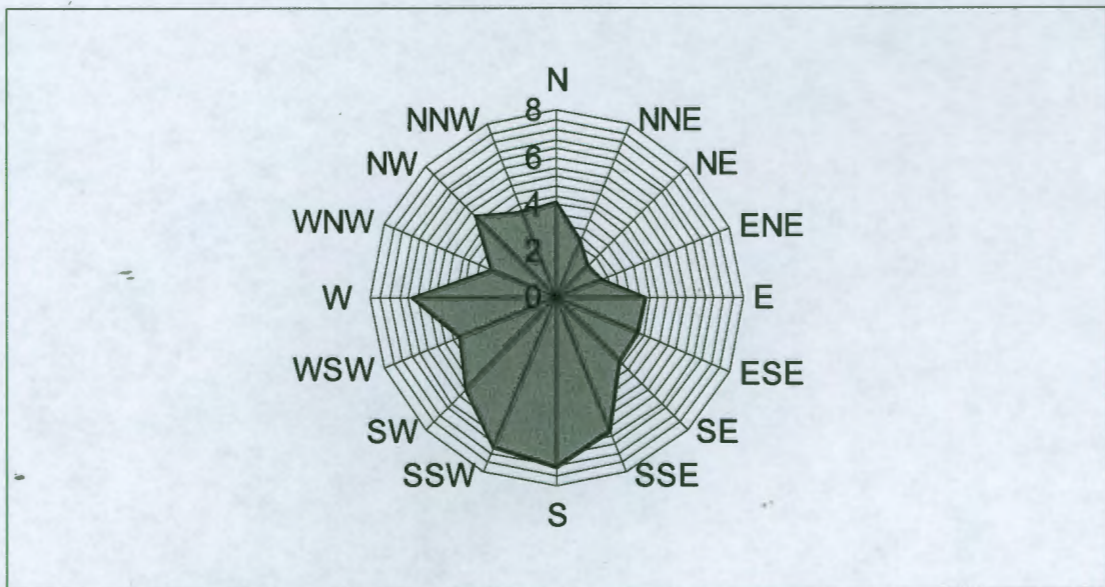


Figure 9. Wind Rose for July 2005.

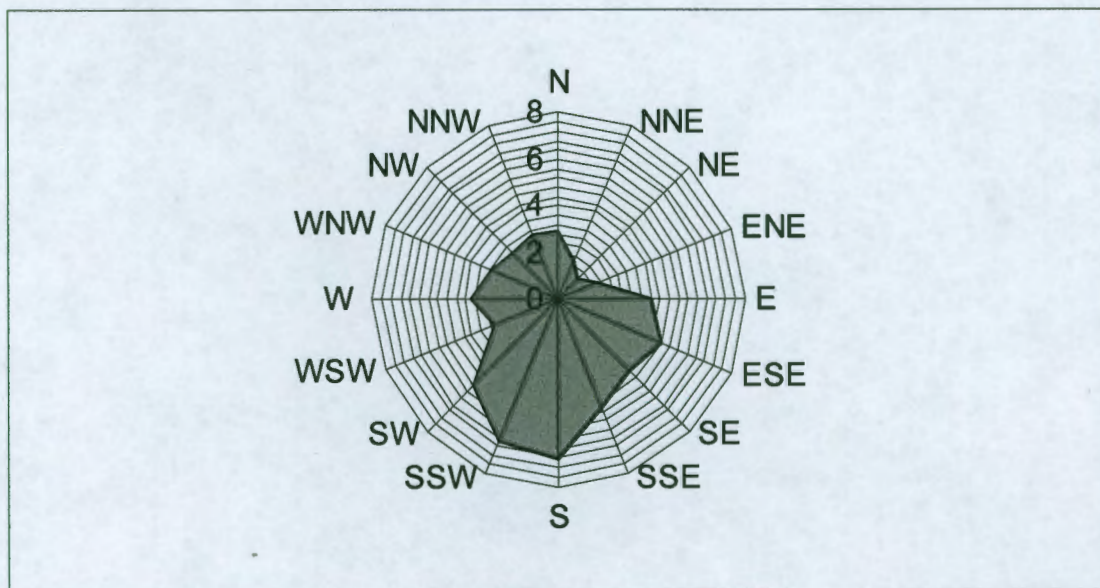


Figure 10. Wind Rose for August 2005.

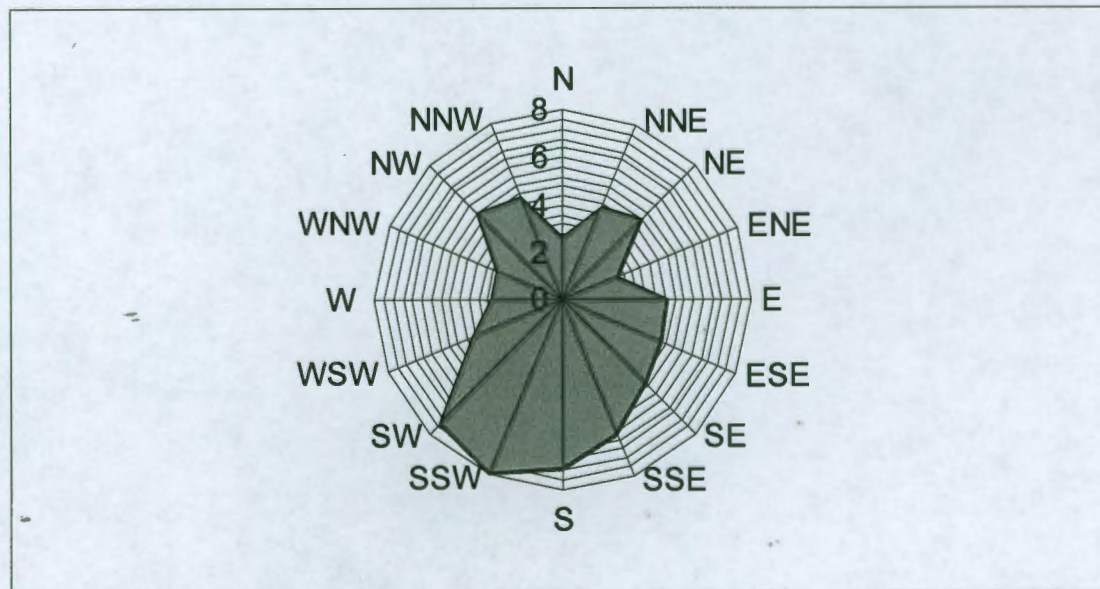


Figure 11. Wind Rose for September 2005.

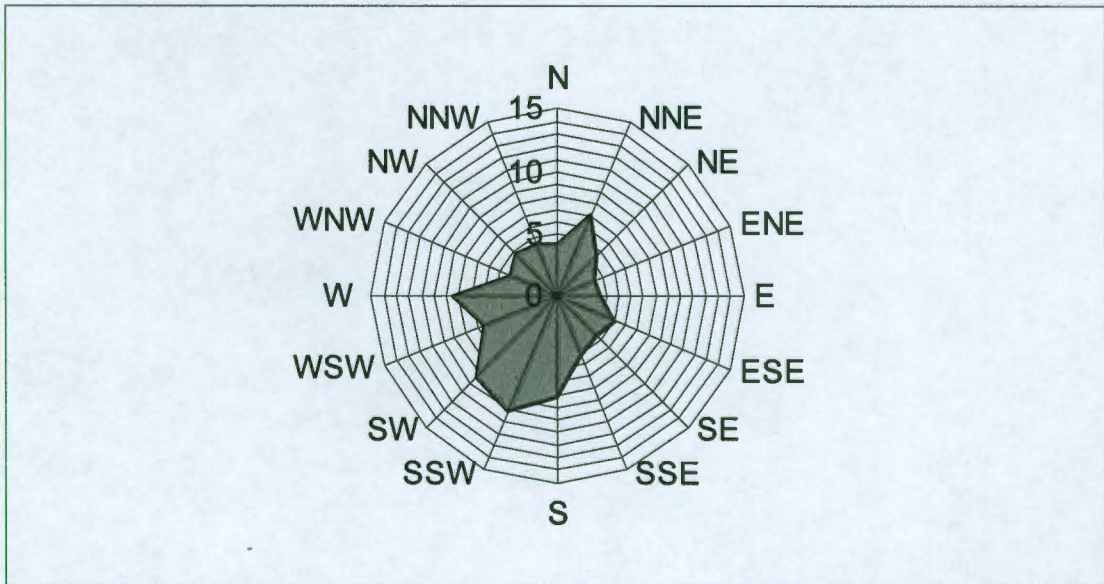


Figure 12. Wind Rose for October 2005.

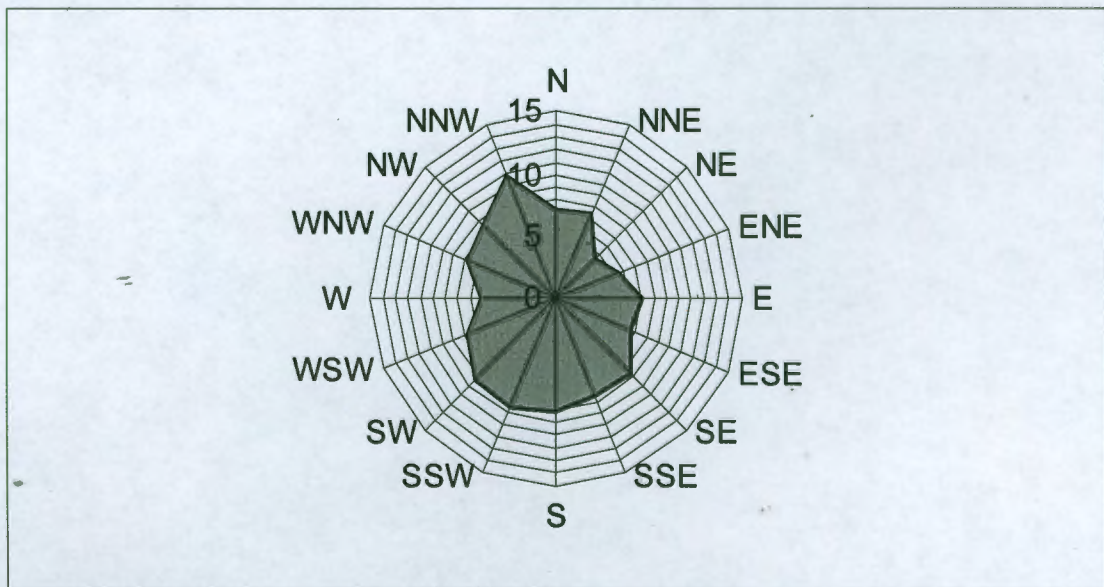


Figure 13. Wind Rose for November 2005.

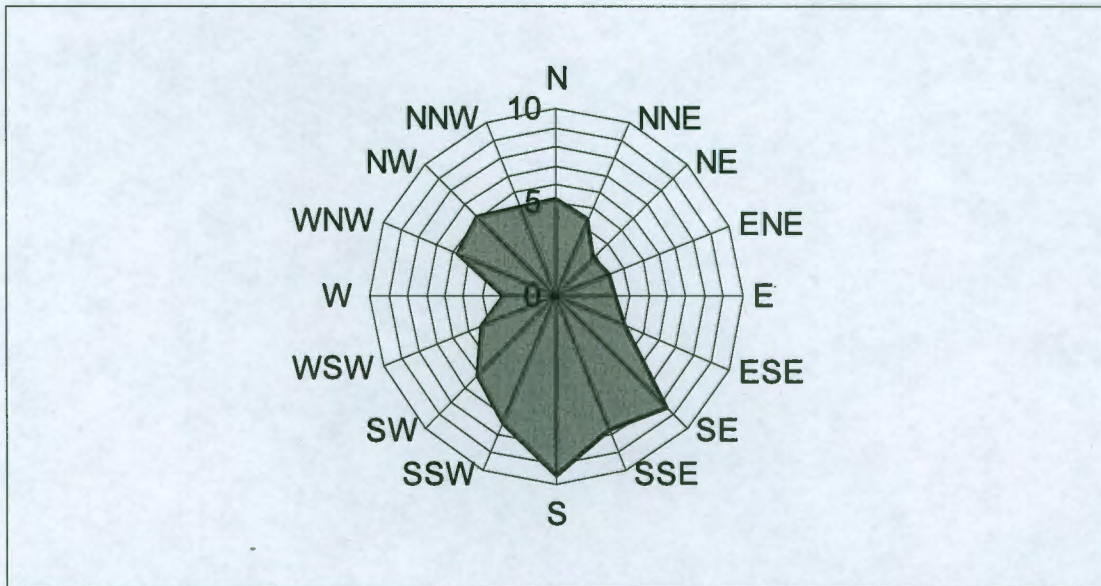


Figure 14. Wind Rose for December 2005.

For the speed vs. direction roses, the mean for each of the sixteen data sets representing the compass points within each of the twelve months were calculated and recorded. These can be seen in figures 15 through 26.

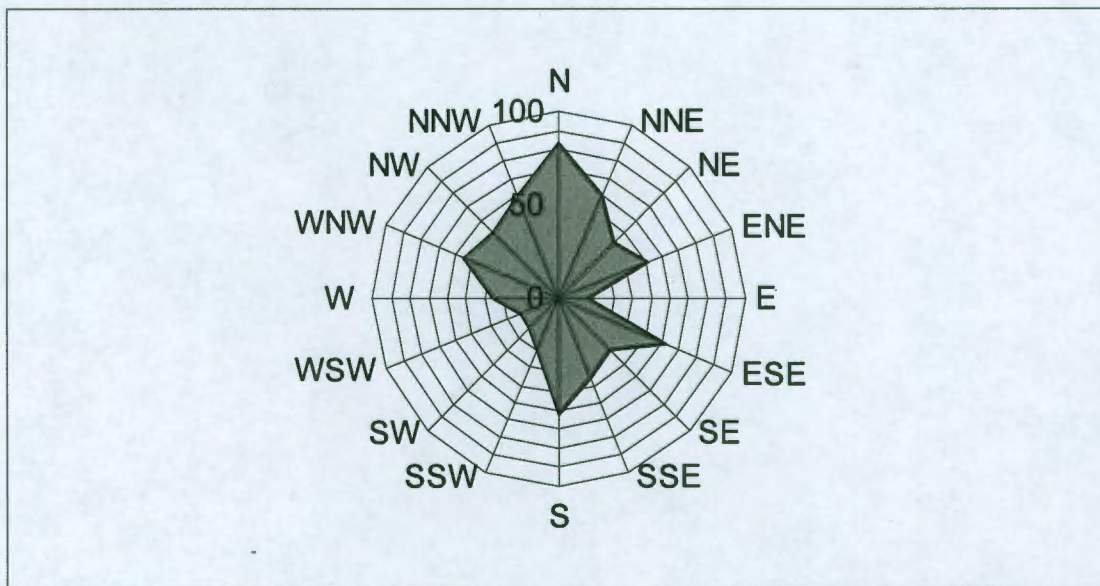


Figure 15. Frequency Wind Rose for January 2005. This figure shows graphically the frequency that the wind comes from each of the 16 compass points. The further the point lies from center, the more frequently the winds were from that direction.

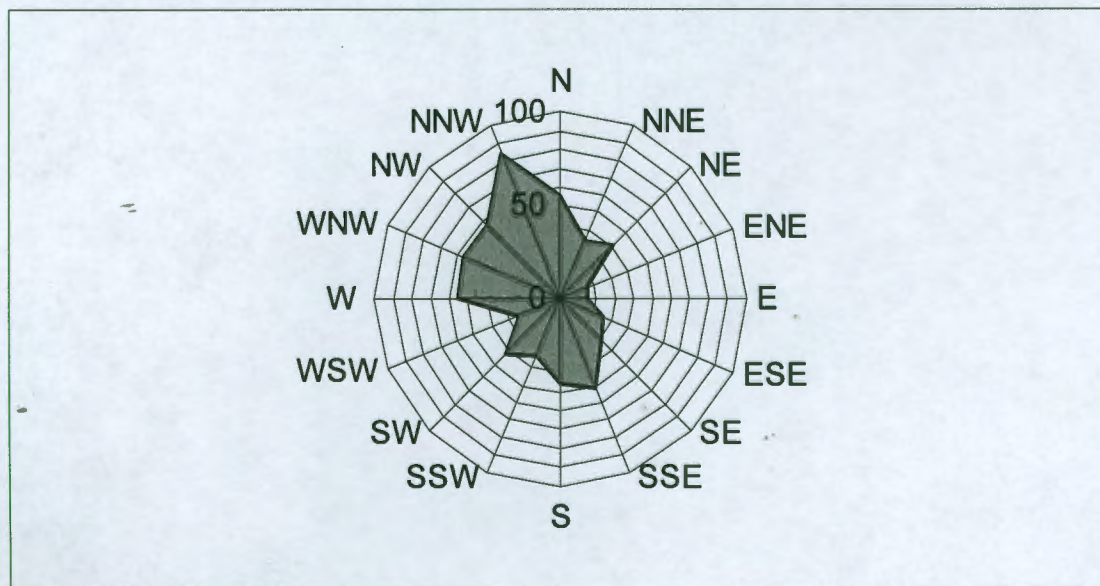


Figure 16. Frequency Wind Rose for February 2005.

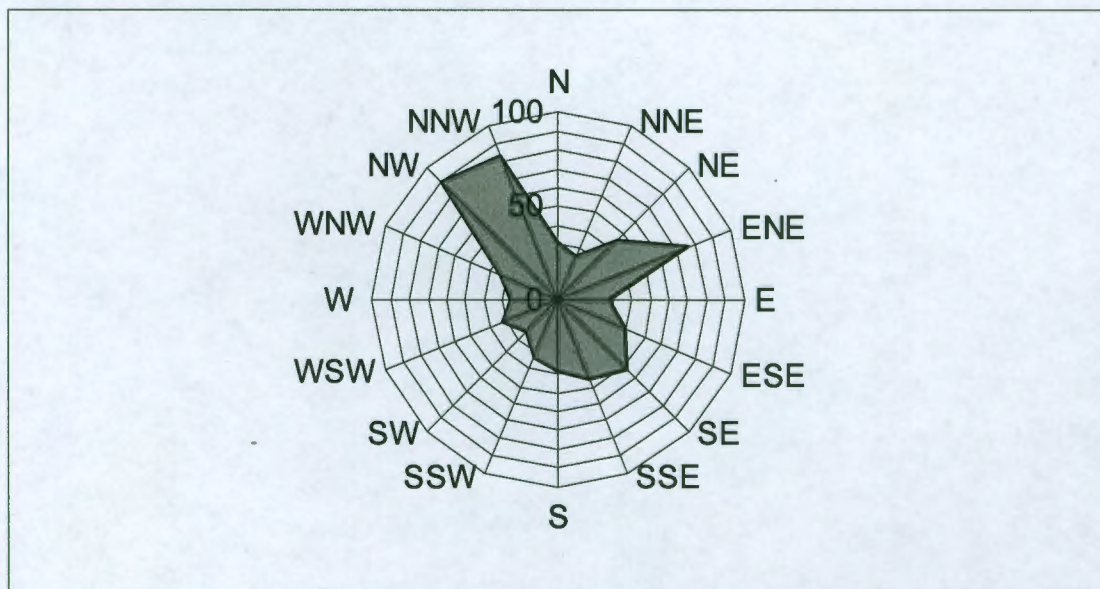


Figure 17. Frequency Wind Rose for March 2005.

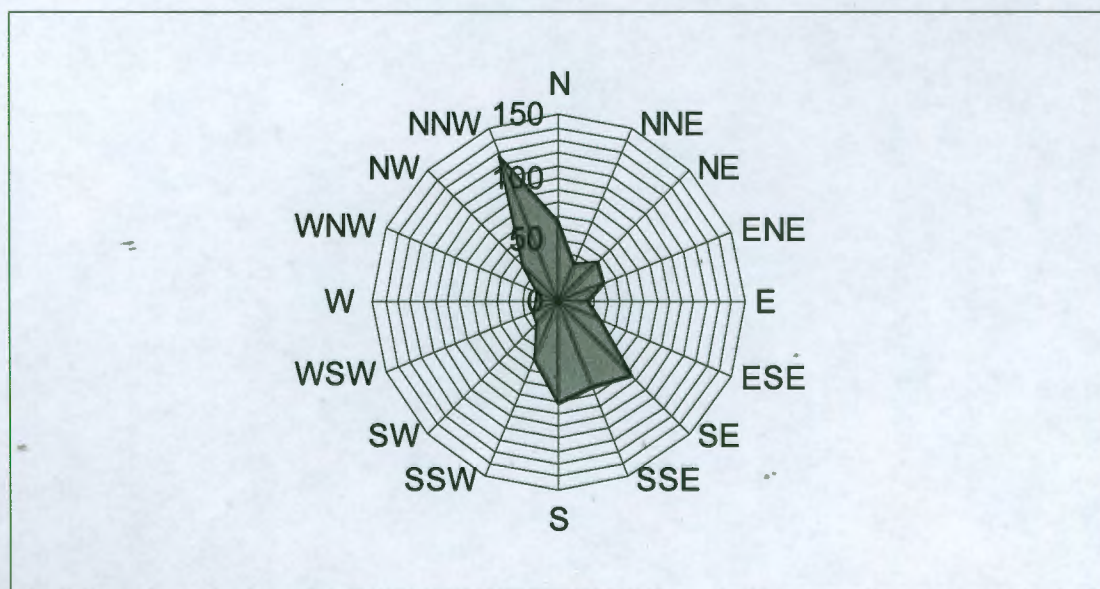


Figure 18. Frequency Wind Rose for April 2005.

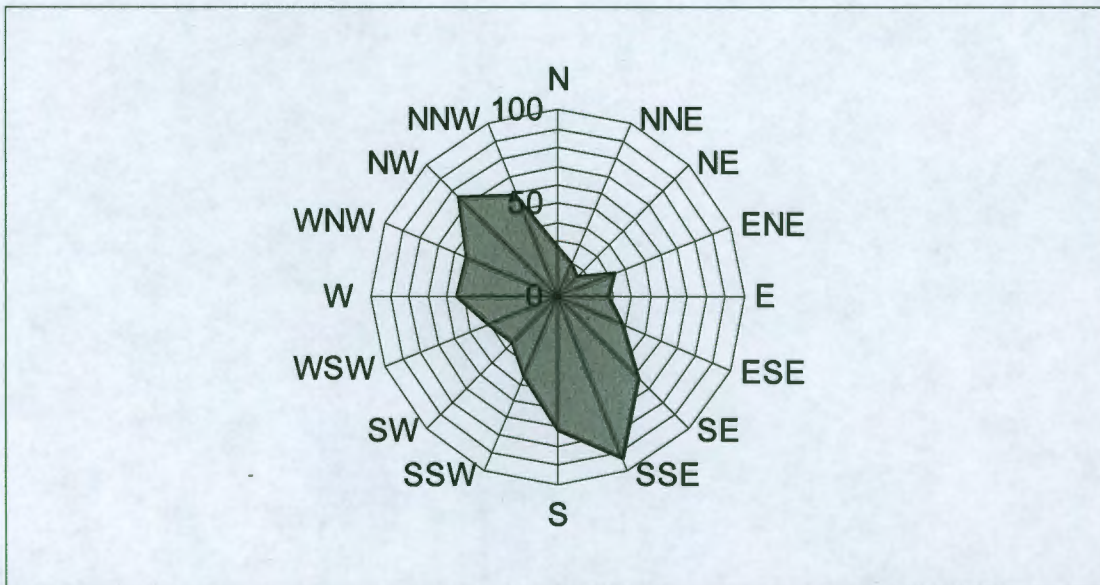


Figure 19. Frequency Wind Rose for May 2005.

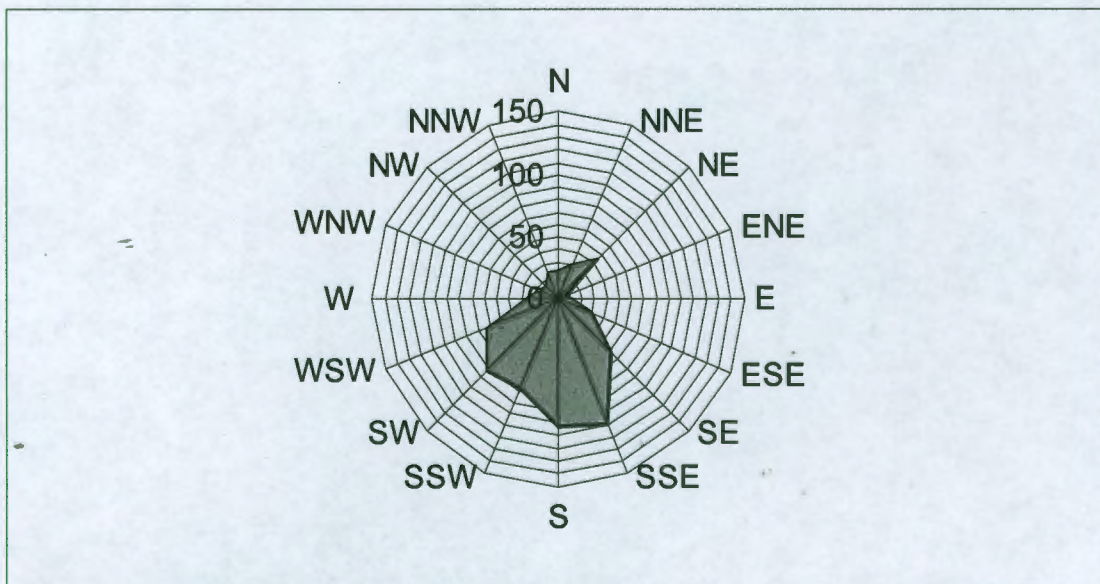


Figure 20. Frequency Wind Rose for June 2005.

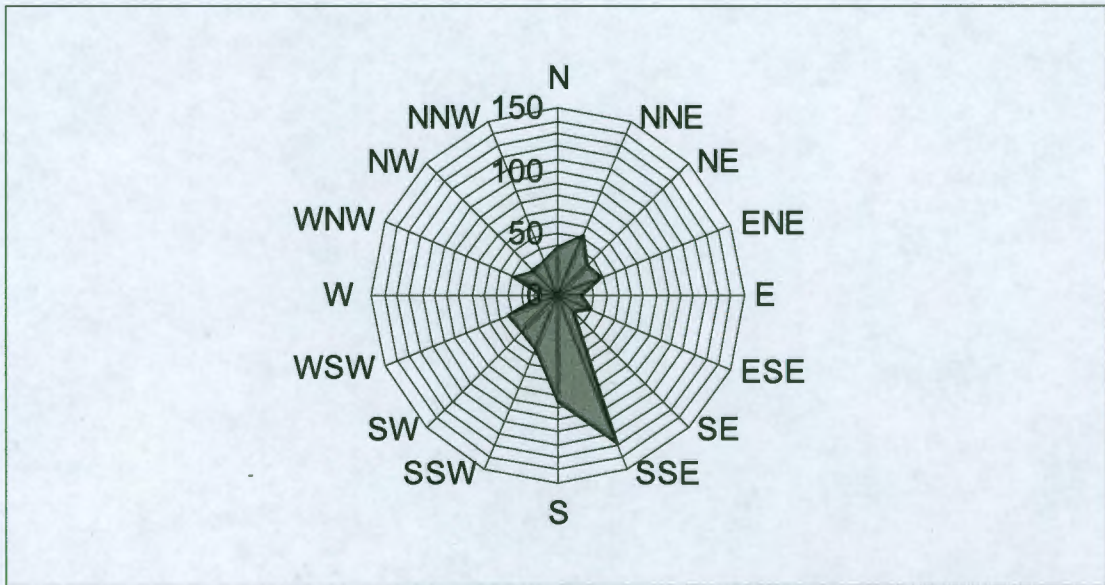


Figure 21. Frequency Wind Rose for July 2005.

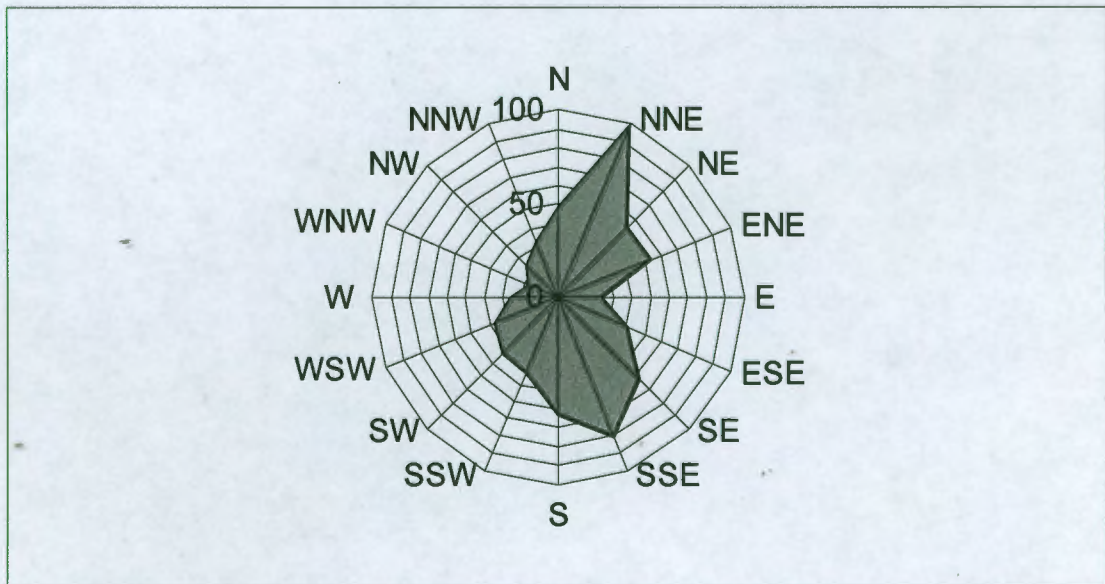


Figure 22. Frequency Wind Rose for August 2005.

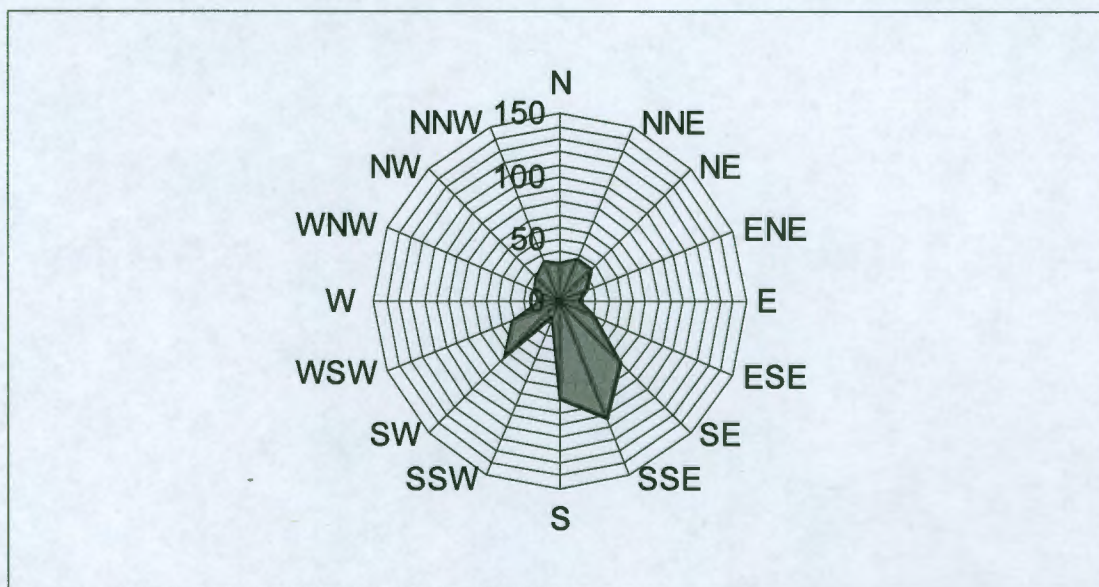


Figure 23. Frequency Wind Rose for September 2005.

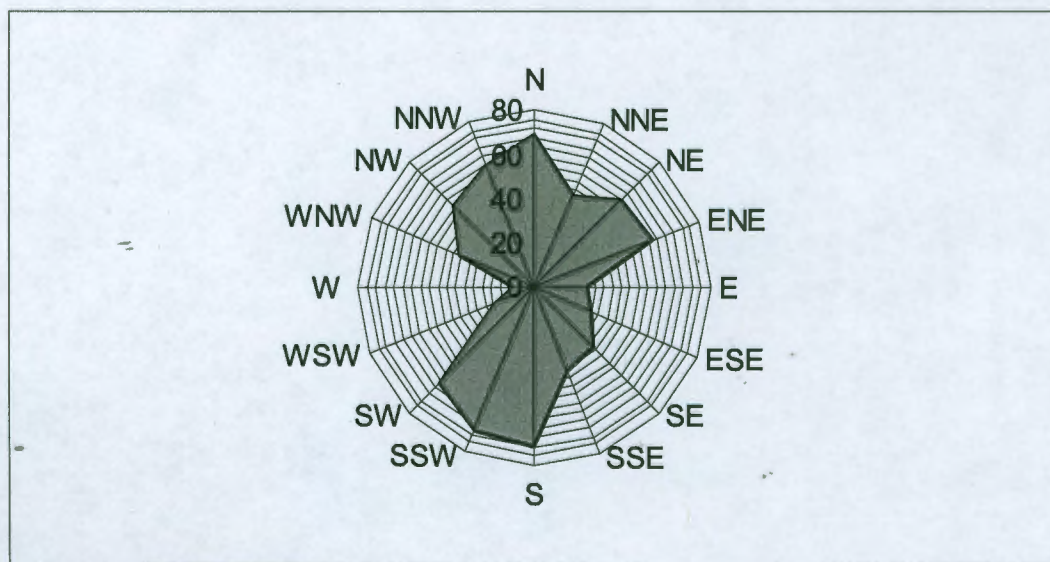


Figure 24. Frequency Wind Rose for October 2005.

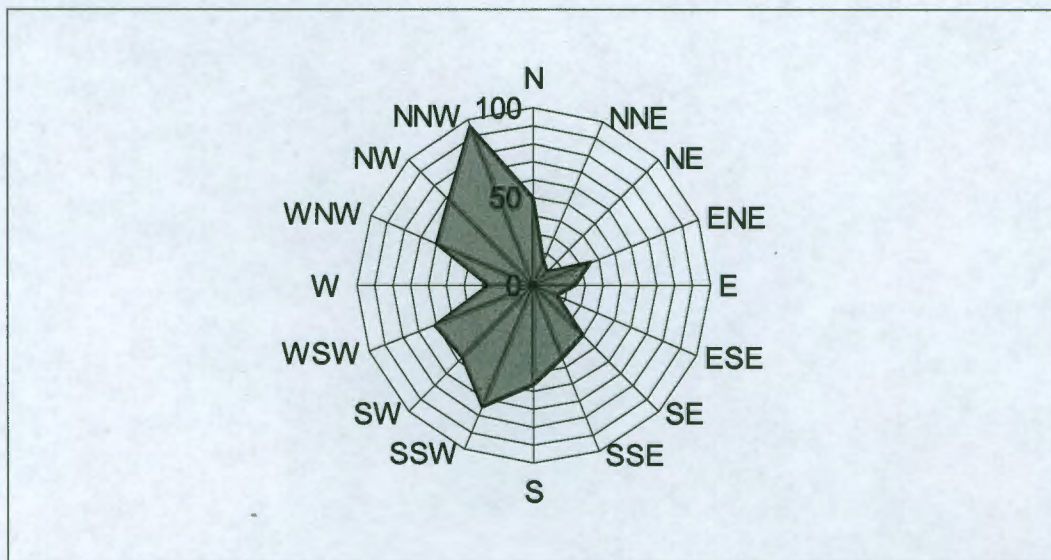


Figure 25. Frequency Wind Rose for November 2005.

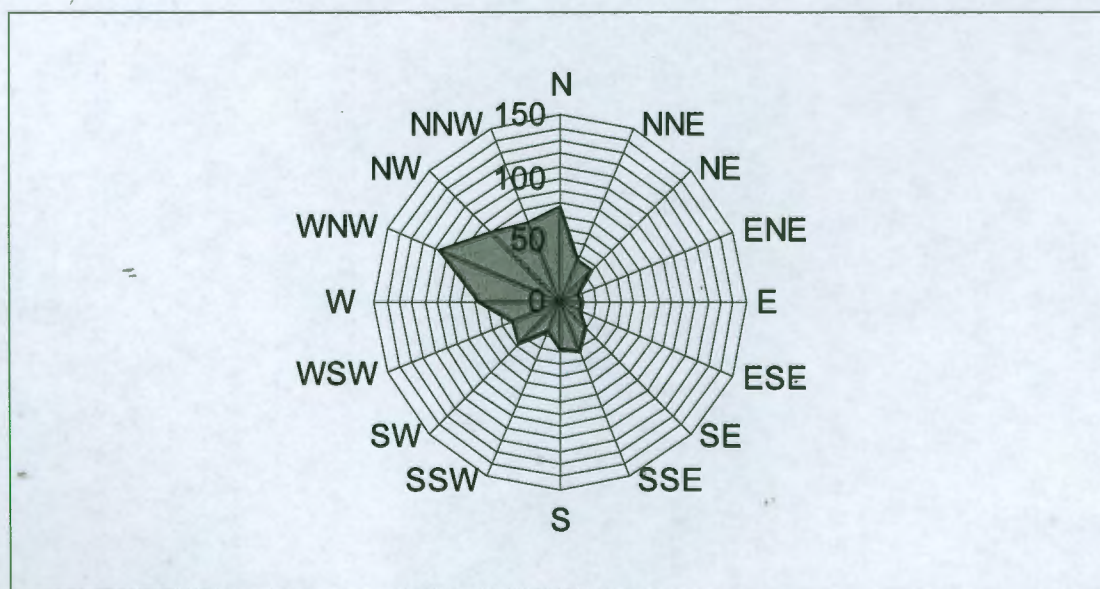


Figure 26. Frequency Wind Rose for December 2005.

The data sets from the wind roses were copied into files and sorted in ascending order. The data was then grouped into the appropriate intervals and the data points counted within those intervals. These were recorded as paired sets of wind speed ranges and frequency of occurrence. These are displayed graphically as monthly and annual histograms in Figures 27 through 38.

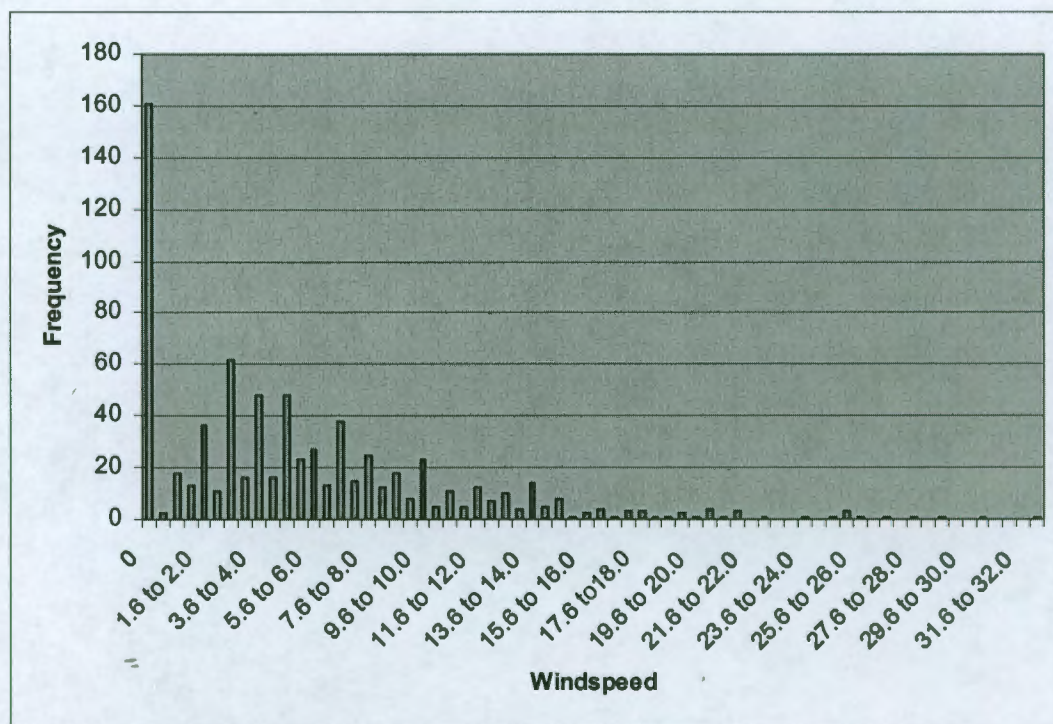


Figure 27.

Frequency vs. Wind Speed for January 2005. This figure shows the frequency at which the winds came for different speed ranges during the month of January 2005.

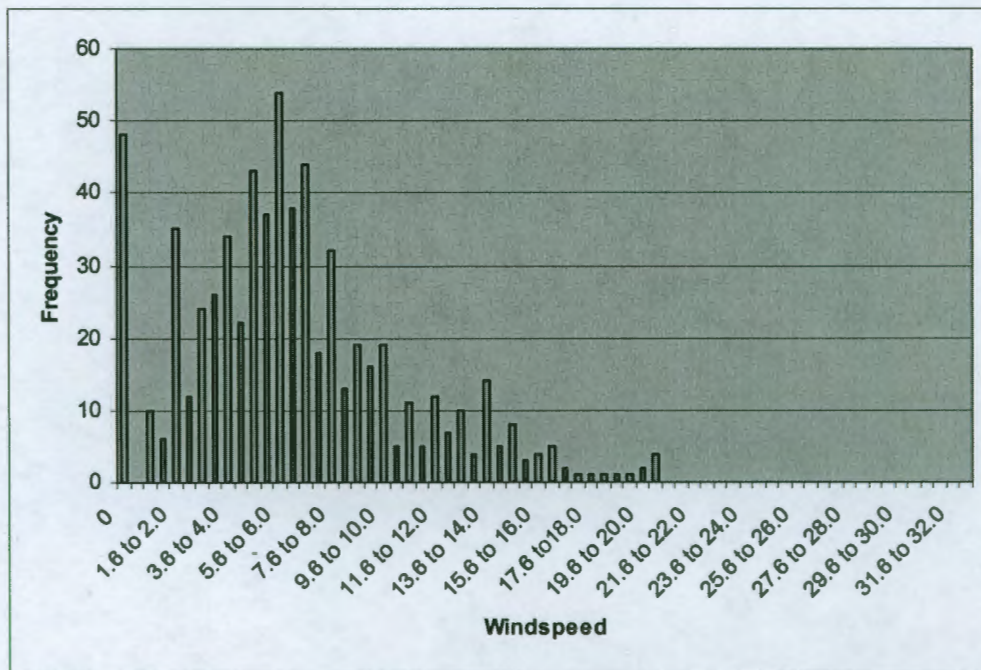


Figure 28. Frequency vs. Wind Speed for February 2005.

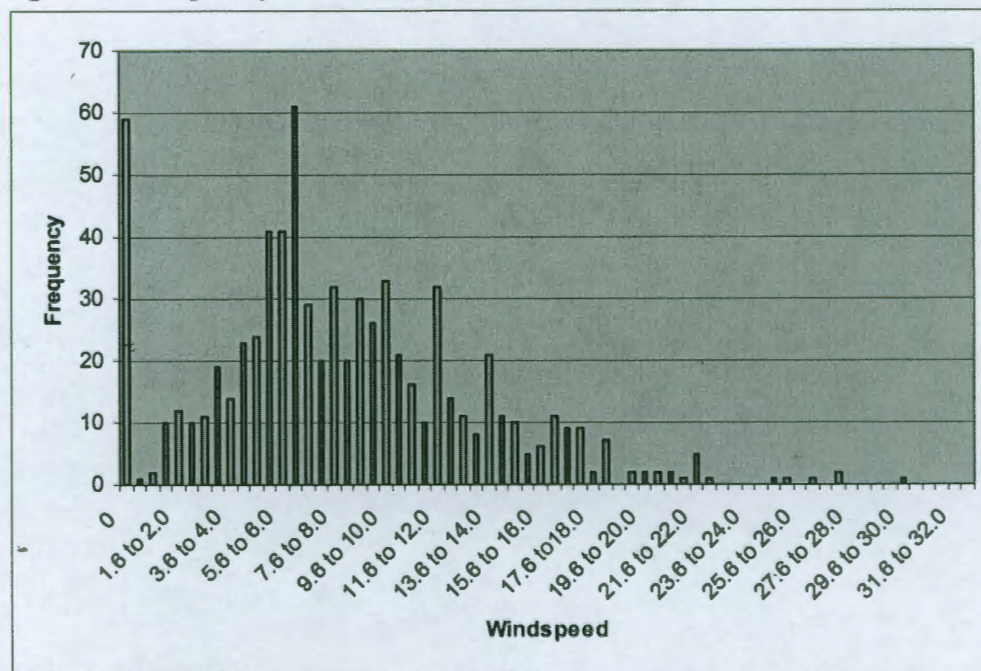


Figure 29. Frequency vs. Wind Speed for March 2005.

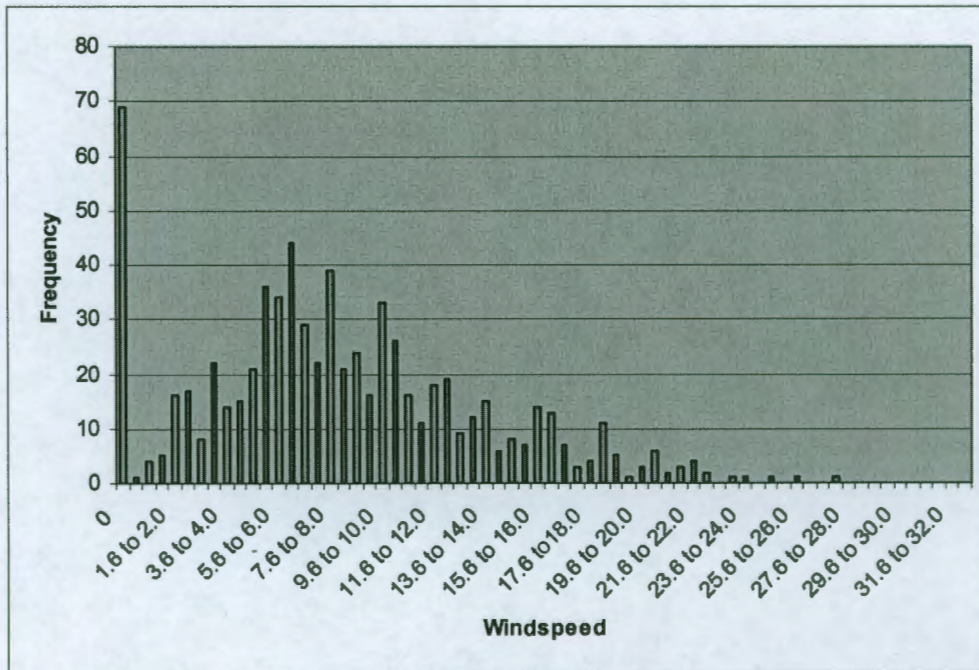


Figure 30. Frequency vs. Wind Speed for April 2005.

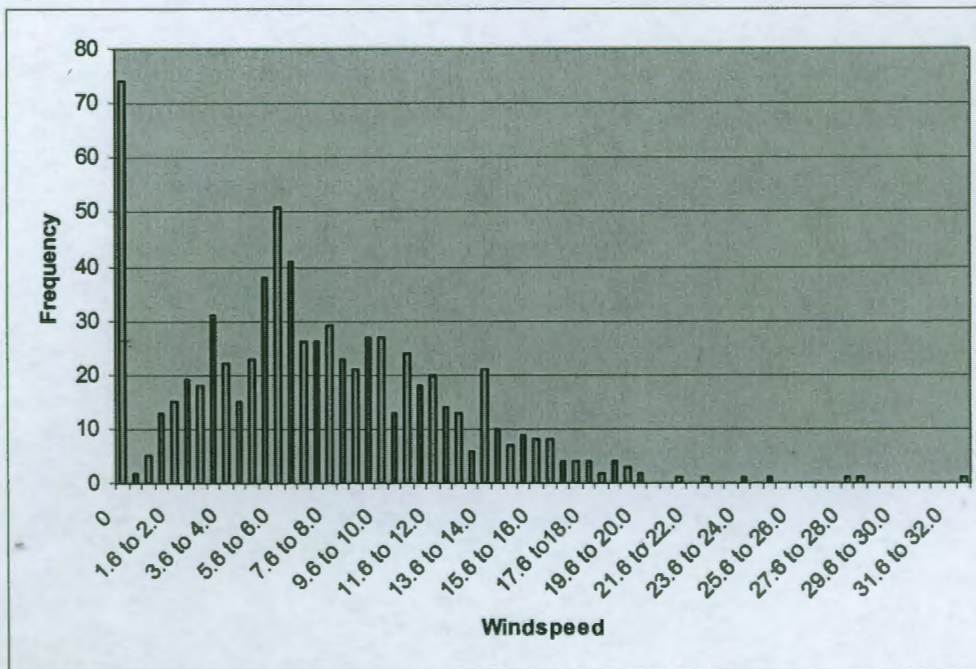


Figure 31. Frequency vs. Wind Speed for May 2005.

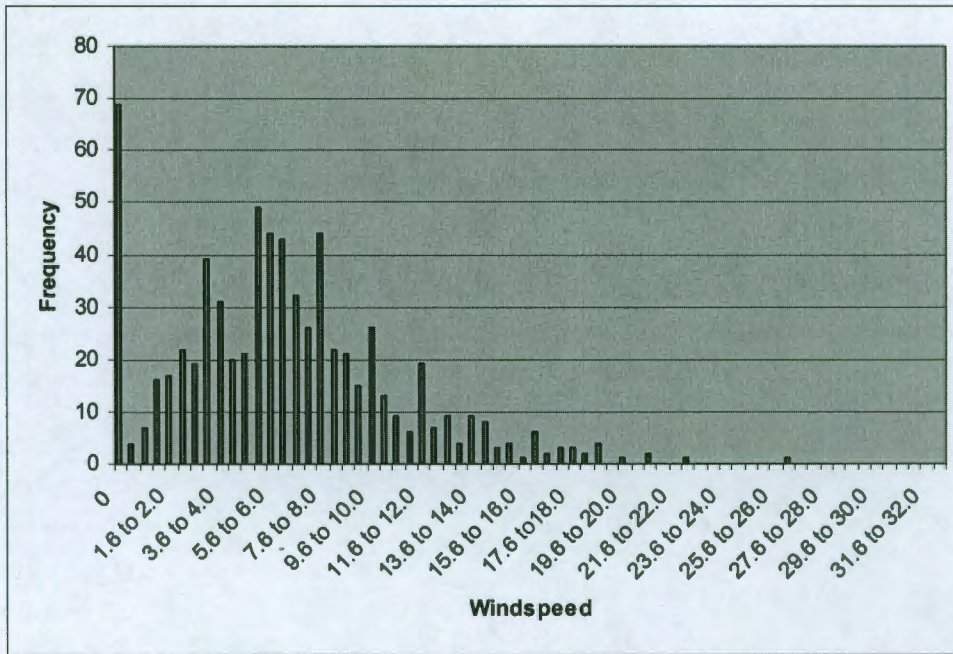


Figure 32. Frequency vs. Wind Speed for June 2005.

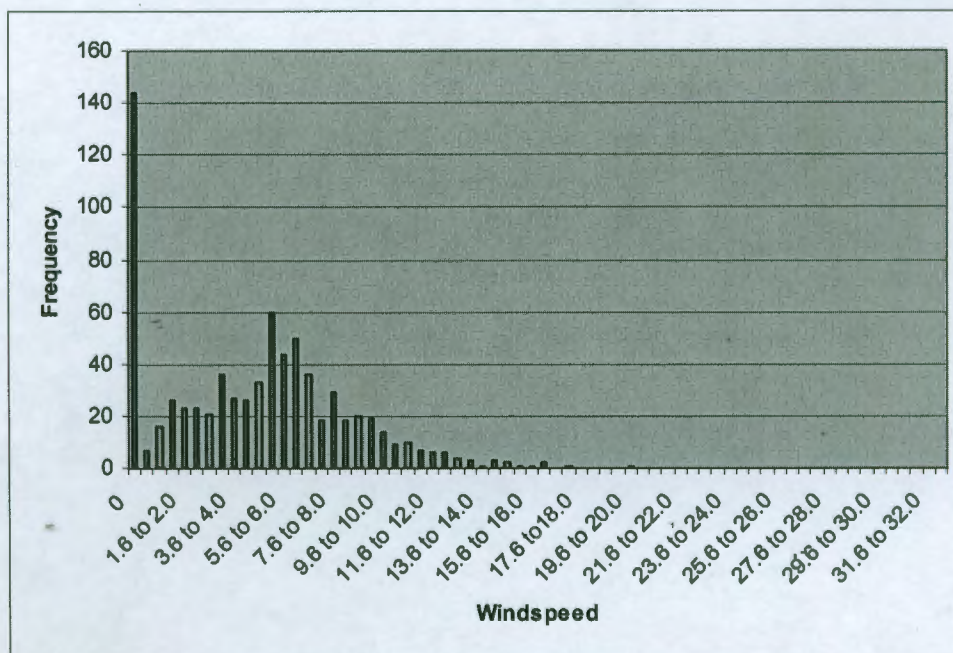


Figure 33. Frequency vs. Wind Speed for July 2005.

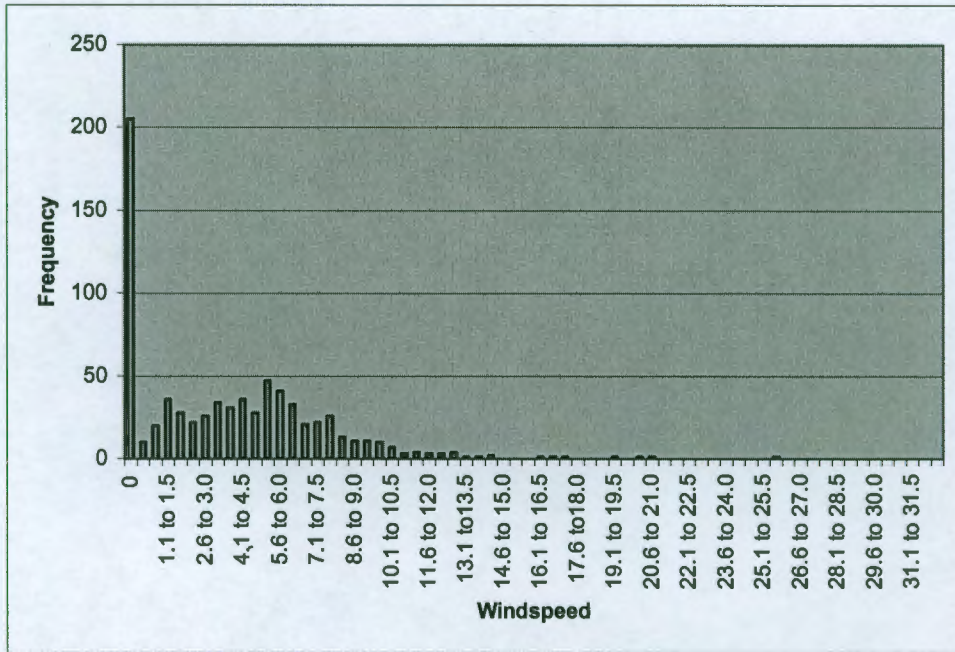


Figure 34. Frequency vs. Wind Speed for August 2005.

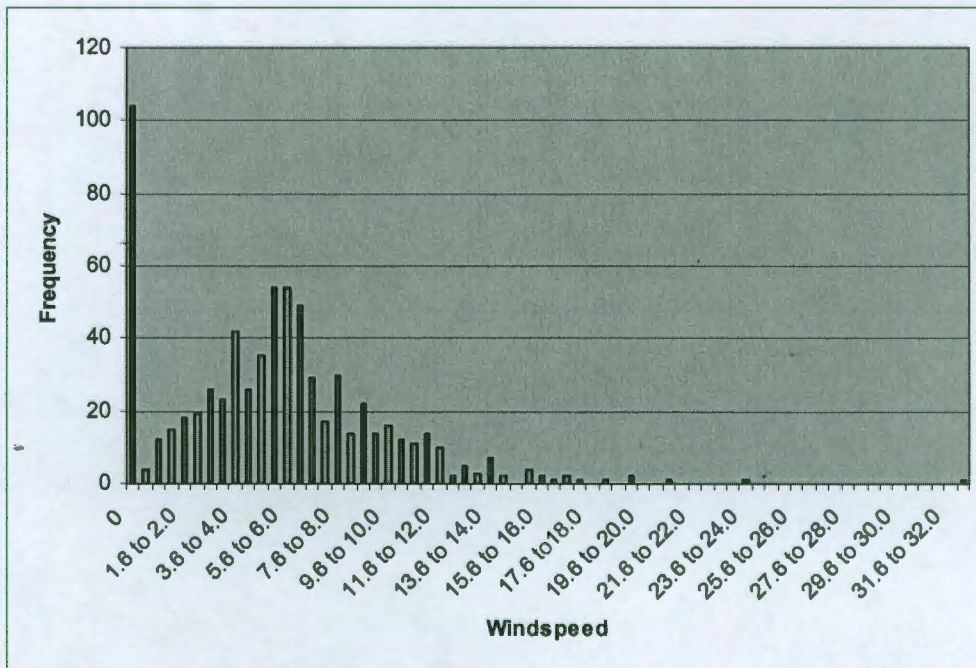


Figure 35. Frequency vs. Wind Speed for September 2005.

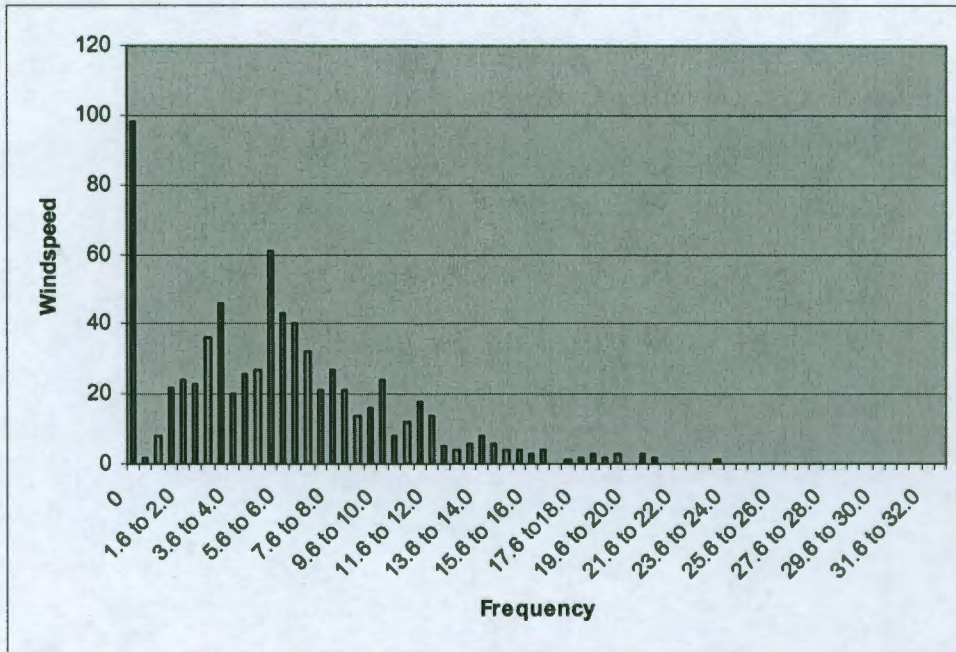


Figure 36. Frequency vs. Wind Speed for October 2005.

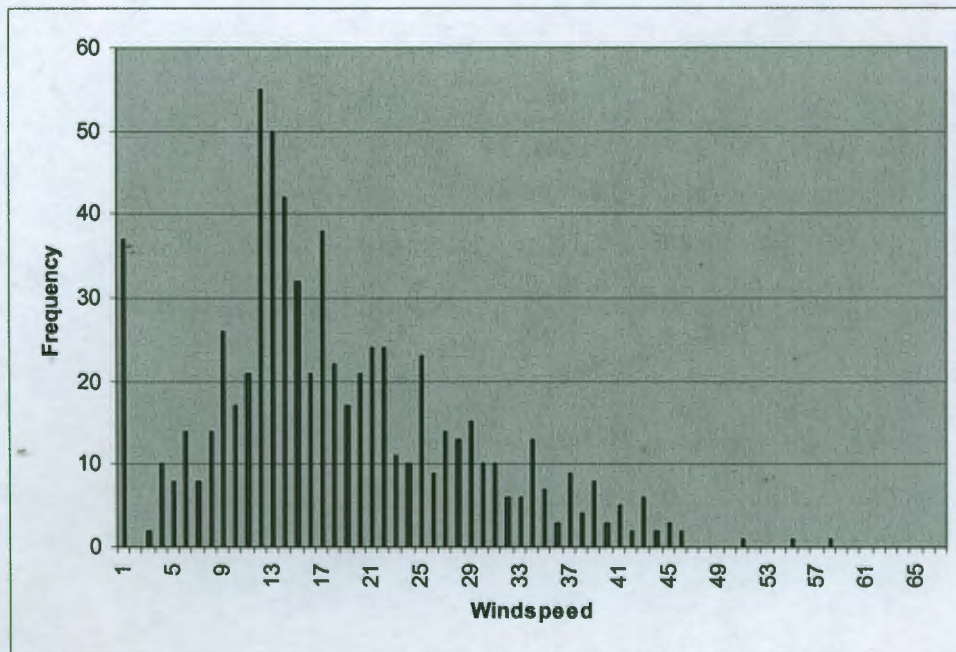


Figure 37. Frequency vs. Wind Speed for November 2005.

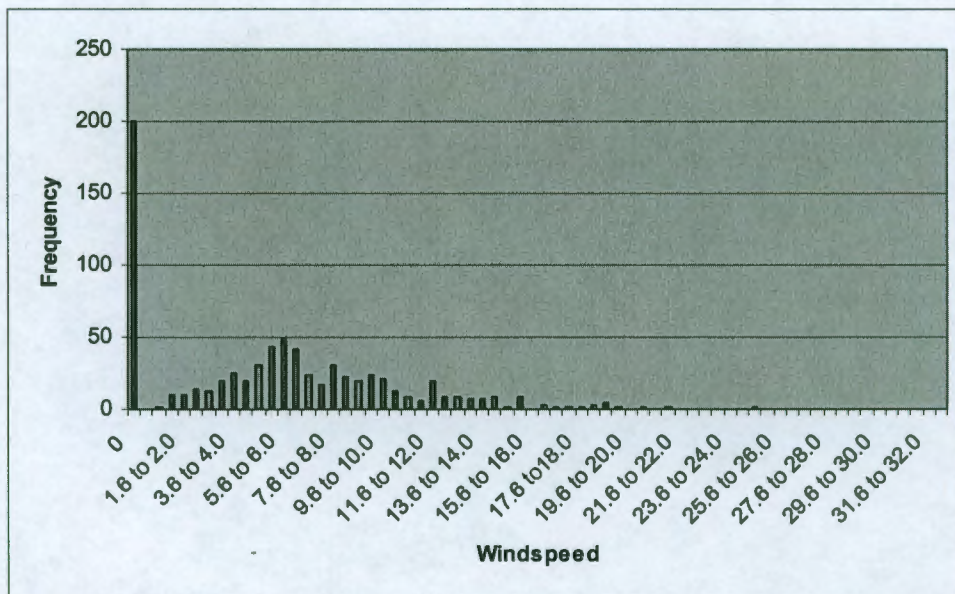


Figure 38. Frequency vs. Wind Speed for December 2005.

The daily averages for pressure, temperature and wind speed were calculated as monthly and annual means for later comparison with UNI project STORM data. The results are displayed in Table 4.

Table 4.

Summary of Monthly Pressure, Temperature and Wind Speeds at the Test Site

<u>Month</u>	<u>Pressure [inches Hg]</u>	<u>Temperature [°C]</u>	<u>Wind Speed [mph]</u>
January	29.72	-8.45	5.67
February	30.03	0.02	6.42
March	29.84	1.86	8.25
April	29.86	12.41	8.22
May	29.90	15.17	7.42
June	29.93	24.08	6.35
July	29.93	25.20	4.76
August	29.93	22.84	3.74
September	29.98	20.25	5.42
October	30.01	11.81	5.79
November	29.84	3.73	8.33
December	29.94	-8.37	5.79
<u>Annual</u>	<u>29.90</u>	<u>10.05</u>	<u>6.35</u>

Analysis of Demand Data

The residential electrical demand data is shown in Table 5. Two months, February 15 to March 15, 2005 and March 15 to April 15, 2005 have been adjusted by estimate to account for additional demand encountered during that period. The ground source heat pump was not working correctly and this can be considered an abnormal occurrence not

reflective of predicted demand. Two time periods were set, the first full year after moving in, and the subsequent 10 months (only ten months of data has occurred thus far). Only the full year can be used with any accuracy. The mean for that period is 1027.7 kWhr. The minimum electrical usage during this period was 533 kWhr, and the maximum was 1400 kWhr. The electrical usage during the individual months for the additional ten-month period is in close agreement with the same months in the previous year.

Table 5. Residential Electrical Demand –Corrected for Analysis

<u>From</u>	<u>To</u>	<u>Metered</u> <u>KW hr</u>	<u>Corrected</u> <u>KW hr</u>
15 June 2004	15 July 2004	533	533
15 July 2004	15 August 2004	840	840
15 August 2004	15 September 2004	827	827
15 September 2004	15 October 2004	808	808
15 October 2004	15 November 2004	822	822
15 November 2005	15 December 2004	790	790
15 December 2004	15 January 2005	1299	1299
15 January 2005	15 February 2005	1149	1149
15 February 2005	15 March 2005	2624	1400 *
15 March 2005	15 April 2005	2278	1400 *
15 April 2005	15 May 2005	1379	1379
15 May 2005	15 June 2005	1085	1085
15 June 2005	15 July 2005	905	905
15 July 2005	15 August 2005	976	976
15 August 2005	15 September 2005	1289	1289
15 September 2005	15 October 2005	1066	1066
15 October 2005	15 November 2005	765	765

* These months were reduced due to problems with the geothermal heating unit. The heating unit was not functioning properly and used significantly more power than normal conditions would show.

Analysis of Site Factors

From Table 3, it was observed that there were no objects within 300 feet (94 meters) that would be within less than 30 feet (9 meters) in elevation from the hub of the rotor. As a second check, the frequency roses (tables 3 through 14) were looked at as well to see how often the taller obstacles might have a minor effect on the flow. As an unexpected positive outcome, the directions the larger objects are located do not often coincide with the predominant direction the winds come from.

As previously stated in the section “Recording Site Factors”, the elevation exponent of 0.15 corresponds with the tall grasses that are the predominant ground cover nearby.

Estimation of System Performance

System performance is measured in Watts available at the distribution panel. The performance of each component from the rotor to the distribution panel needs to be considered.

The first thing to consider is the height at which the data was collected vs. the height at which power will be generated. It is always best to use the tallest tower that you can. A self-imposed parameter for the tower is that it must be of a height and located such that if it does fall, it falls within the boundaries of the lot. With a 150' (45.72 m) wide lot, the tallest tower can only be 75 feet (22.86 m) tall – if located in the center of the lot widthwise. Therefore, a limit of 75 feet (22.86 m) will be used. The data was collected at 10 m. At 22.86 m, the tower will be 2.286 times as tall. From the site section, the terrain can be described as tall grass and sparse, low shrubs – which allows

wind speed to grow as an exponential function with height where the exponent is 0.15.

The increase is seen as:

$$\text{Altitude}_{\text{tower top}} / \text{altitude}_{\text{measured}} = \text{Wind speed increase factor at tower top}$$

altitude (Johnson, 1985).

$$(22.86 \text{ m} / 10.00 \text{ m})^{0.15} = 1.13204$$

This means that the wind will be 1.132 times faster at 22.86 m than it was at 10 m. This also means that all of the wind speeds from 10 m must be factored upward to account for the higher speeds at altitude.

The next thing that must be done is to look up the projected power at the given wind speeds for each generator being considered. For this paper, the Southwest Windpower Whisper 100 and Whisper 200 models, the African Windpower AWP 3.1 and the Bergey XL.1 will be compared. The estimated electrical generation by month is summarized in Table 6.

Table 6. Wind Speeds and Energy Output by Month

<u>Month</u>	<u>Average Wind Speeds</u>		<u>Generator Output in KWhr</u>			
	<u>10 m</u>	<u>22.86 m</u>	<u>Whisper 100</u>	<u>Whisper 200</u>	<u>AWP 3.1</u>	<u>Bergey XL.1</u>
January	5.667	6.427	15.363	30.726	44.83	74.25
February	6.423	7.270	22.236	44.472	60.08	90.38
March	8.251	9.340	47.091	94.182	109.42	135.00
April	8.225	9.311	46.729	93.438	108.50	134.38
May	7.417	8.396	34.251	68.502	84.92	113.88
June	6.35	7.188	21.492	42.984	58.58	88.75
July	4.758	5.386	9.042	18.084	29.42	56.00
August	3.739	4.233	4.399	8.798	16.58	38.00
September	5.442	6.138	13.382	26.764	40.25	69.00
October	5.785	6.549	16.255	32.510	46.92	76.50
November	8.334	9.434	48.590	97.180	112.00	137.25
December	5.762	6.557	16.314	32.628	47.08	76.63
Annual	6.348	7.186	295.144	590.268	758.58	1090.0
<u>Monthly</u>			<u>24.595</u>	<u>49.189</u>	<u>63.215</u>	<u>90.83</u>

Downstream system inefficiencies reduce the amount of power available at the distribution panel. Many inverters will operate at an efficiency of about 95 to 96 percent. A high capacity underground line was previously buried. Due to the capacity of this line, it will only lose about 1% of the power being transmitted over its' 300 foot

(91.44 m) length. The contacts of the switchgear do have some resistive losses. Data could not be found to quantify this performance degradation, therefore a figure of a .99 transmission efficiency will be used as an overall estimate to account for this loss.

Combining all of these losses:

$$.95 \text{ inverter eff.} \times .99 \text{ power transmission eff.} \times .99 \text{ switchgear eff.} = .931 \text{ overall eff.}$$

Gives 0.931 as a factor to account for system losses.

Taking this figure into account with the figures from table 6, the figures are adjusted in Table 7 to account for the system losses.

Table 7. Annual Production Taking into Account System Losses

<u>Generator</u>	<u>Monthly Average</u>		<u>Annual Production</u>	
	<u>Raw</u>	<u>Adjusted</u>	<u>Raw</u>	<u>Adjusted</u>
Whisper 100	24.60	22.90	295.14	274.77
Whisper 200	49.20	45.80	590.27	549.54
AWP 3.1	63.22	58.85	758.58	706.24
<u>Bergey XL.1</u>	<u>90.83</u>	<u>84.57</u>	<u>1090.00</u>	<u>1014.79</u>

Proportion of Demand Satisfied

It becomes readily apparent in viewing Table 8 that the choice of generator needs to be matched to the wind conditions.

Table 8. Proportion of Residential Electrical Demand Satisfied by Month

<u>Month</u>	<u>Demand</u>	<u>Percent Filled by Generator</u>			
		<u>Whisper 100</u>	<u>Whisper 200</u>	<u>AWP 3.1</u>	<u>Bergey XL.1</u>
January	1149	1.33	2.67	3.90	6.46
February	1400	1.59	3.18	4.29	6.46
March	1400	3.36	6.73	7.82	9.64
April	1379	3.39	6.78	7.87	9.74
May	905	3.78	7.57	9.38	12.58
June	533	3.89	8.06	10.99	16.65
July	840	1.08	2.15	3.50	6.67
August	827	0.53	1.06	2.00	4.59
September	808	1.66	3.31	4.98	8.54
October	822	1.98	3.95	5.71	9.31
November	790	6.15	12.30	14.18	17.37
December	1299	1.26	2.82	3.62	5.90
Annual	12152	3.24	6.48	8.20	11.97
<u>Monthly Avg.</u>	<u>1012.7</u>	<u>3.24</u>	<u>6.48</u>	<u>8.20</u>	<u>11.97</u>

Although the Whisper 100 and the African Wind Power 3.1 both have about the same rating, the AWP 3.1 out-performs the Whisper 100. The Bergey XL.1 has a generator that is three times as large as the AWP 3.1, but does not out-perform the AWP

3.1 by a factor of three. The range of power produced for this site varies by machine from 3.24% to 11.97%. Further conservation efforts could bring these numbers up.

CHAPTER 5

CONCLUSIONS

What is the Electrical Demand at this Site?

The annual electrical demand was found to be 1090 KWhr. This includes all home heating, domestic hot water, lights and appliances.

Continuing conservation efforts will help trim this figure. If that is done, a larger proportion of demand will be satisfied.

What equipment is needed?

With the rise in popularity of grid-intertie systems, the equipment manufacturers have made more equipment available to address these types of systems. This has simplified the systems and also made more useable power generated by the systems available at the distribution panel. The list of equipment for this system includes:

- (1) Wind-generator with rotor matched to the characteristics of the generator.
- (1) Tower with guy cables and anchors. All parts rated for all possible loads, plus safety factors.
- (1) Inverter of adequate capacity for the system, matched to voltages and currents expected, plus safety factors
- (3) Lightning arrestors
- (1) Distribution panel (if not already present).

- (4) Isolating disconnects
- (1) Utility disconnect (lockable)
- (5) Ground rods

Conductors between the various devices with ampacity ratings of 1.25 or more of what is expected. Insulation is to be rated for environment and voltage. Each conductor must be evaluated for these factors independently of any other conductor.

Is there a Difference Between This Site and a Nearby Reliable Site?

The wind maps (NREL, 1986) in Appendix A show wind speeds that would lead one to believe that this was a good site. It also seemed to be a good idea to check another site that is nearby and holds credibility. For that, the meteorological data recorded by the UNI project STORM (<http://www.uni.edu/storm/>) was used. A comparison is shown in Table 9.

The data from the study site and the UNI site support each other. They are typically within a couple of mph of each other. They do not agree with the wind maps.

Dr. Kara Beauchamp from Cornell College in Mount Vernon, Iowa stated in a presentation at the Iowa Renewable Energy Association's Annual Energy Expo in September of 2005 that she felt the winds have been light in 2005. This could explain the rough correlation between the study site and UNI, but disagreement with the wind maps. An anomaly of an entire year was not expected. Although a year with light winds would conveniently explain the differences, it cannot be counted on for an absolute accounting of the spread. Other means would need to be explored.

Table 9.

Comparison of Wind Speeds in mph at Test Site, Project STORM and NREL Wind Maps

<u>Month</u>	<u>Study Site</u>	<u>Project STORM</u>	<u>NREL Wind Maps</u>	
			<u>From Map</u>	<u>Extrapolated</u>
	<u>At 10 m</u>	<u>At 10 m</u>	<u>At 50 m</u>	<u>to 10 m</u>
January	5.677	5.034	15.7 – 16.8	13.99
February	6.433	5.195	15.7 – 16.8	13.99
March	8.251	6.391	16.8 – 17.9	14.98
April	8.225	5.068	16.8 – 17.9	14.98
May	7.417	5.225	14.5 – 15.7	12.93
June	6.350	4.771	13.4 – 14.5	11.94
July	4.758	2.490	12.3 – 13.4	10.96
August	3.739	0.780	12.3 – 13.4	10.96
September	5.422	6.138	13.4 – 14.5	11.94
October	5.785	3.441	14.5 – 15.7	12.93
November	8.334	6.150	15.7 – 16.8	13.99
December	5.792	4.484	15.7 – 16.8	13.99
<u>Annual Avg.</u>	<u>6.348</u>	<u>4.477</u>	<u>14.5 – 15.7</u>	<u>11.42</u>

How Much Power Can be Expected to be Generated at This Site?

The amount would be dependent upon the wind machine used. From the analysis, the top two would be the African Wind Power 3.1 and the Bergey XL.1. The 3.1 is rated at 900 watts, and the XL.1 is rated at 3000 watts. The 3.1 could be expected to produce 758.6 KWhr per year given the winds as recorded. This would satisfy 6.24 % of the annual demand at this site.

The XL.1 could be looked to for 1090 KWhr with the same winds, satisfying 8.97% of the residential demand.

RECOMMENDATIONS FOR FURTHER STUDY

Due to the large discrepancy between the study site and the wind maps, repeating this study would be a step toward answering if it was the year or the site creating the difference. This would require a second year of data collection. It is being collected for 2006 at the time of this writing.

Lumping the speeds together into a daily, or monthly average could give a skewed result. In looking through the data, it became apparent that different distributions having the same mean wind speeds could have very different results in the amounts of power generated. To prevent this, a study would need to be constructed to give instantaneous power estimates that could be summed and manipulated. This would give a better prediction of the amount of power that could be generated.

Definition of Terms

The following terms are defined to clarify their use in the context of the study:

Absolute temperature

A scale of temperature measurement where zero is absolute zero. 0 degrees absolute (Kelvin) is equal to -273.15 degrees C. (Wildi, 2000)

Auto-furling

The use of a mechanism that reduces the exposure of the rotor for the purpose of reducing over speeding. (Piggott, 1997) Several different methods are used on different machines.

Avian Mortality

For the purposes of this paper, the death of birds caused by impacts with the rotor of the wind machines. It is less likely with a solid tower where birds cannot build nests.

Corrected to standard

For the purposes of this paper, a method of mathematically eliminating several factors that can effect the calculation of actual, true power available in a wind-stream, this would include temperature and air pressure.

Free standing tower

A type of tower that uses no guy wires to hold it in place or keep it from falling over.

(Piggott, 1997)

Generator

The part of the wind machine that transforms mechanical motion into electrical power.

(Piggott, 1997)

Guyed tower

A type of tower that utilizes guy wires to provide lateral balance and keep it from falling over. (Piggott, 1997)

Inches of Hg

A measurement of atmospheric pressure. It is expressed in inches of Hg (mercury). The pressure is equivalent to the height of a column of mercury that could be supported by gas at that pressure.

Inverter

An electrical device that converts direct current (DC) into alternating current (AC). (Wildi, 2000) Waveforms of the output may vary in shape.

Laminar flow

Flow of the wind that is not disturbed by any turbulence. Smoke tracers would show straight lines in all parts of the wind stream.

Load

Something absorbing electrical power. (Wildi, 2000)

NEC

National Electrical Code. This is the guiding standard for how any residential or commercial wiring is to be performed. (Gipe, 1993)

NWS

National Weather Service. (Gipe, 1993)

Over-speed control

Any of several methods employed to keep the wind machine from rotating too rapidly.

Damage can occur at rotational speeds higher than what the equipment was designed for and thus protection must be in place. (Gipe, 1993)

Rotor

The blades and shaft. Can also refer to the rotating part of the generator. (Piggott, 1997)

Sometimes erroneously referred to as the propeller.

Single phase AC

Alternating current where there is one sinusoidally shaped component to the output.

(Wildi, 2000)

Small-scale wind machine

Wind machines with rated outputs below 2 kW (Bansal et.al.,2002). The IEC (2000) gives this limit at 10 kW.

Swept area

The cross sectional area of the wind stream that is cut through by the rotor. (Gipe, 1993)

Terrain

The elevations of the landforms, also adjacent buildings. (Gipe, 1993)

Tip speed ratio (TSR)

Tip Speed Ratio is the ratio of the speed of the tip of the rotor to the speed of the wind.

(Piggott, 1997)

Tilt-up tower

A type of tower that is tilted into place by a winch located on the ground. The wind machine is typically already mounted to the tower so that no crane or climbing is required. (Piggott, 1997)

Three-blade rotor

A rotor that has three blades, spaced at 120 degrees apart. (Gipe, 1993)

Three phase AC

Alternating current with three identical voltage waveforms, each is 120 degrees out-of-phase with the other two. (Wildi, 2000)

Tower

The structure that holds the wind machine up off of the ground and into stronger wind currents. (Piggott, 1997)

Truss tower

A tower that is made up of many smaller members, similar to a truss for a bridge. Also lattice tower. (Gipe, 1993)

Turbine

The rotor, generator and gearbox (if it exists) all considered as a single unit will be the working definition for this study. Exact definitions from others vary, and are usually implied instead of written.

Turbulent flow

Flow of the wind that has turbulence in it. Smoke tracers in this type of flow would swirl all around and even break up the smoke trace. (Gipe, 1993)

Two blade rotor

A rotor that has two blades – diametrically opposed to each other. (Gipe, 1993)

Vegetation

Plant life located in the study area. (Gipe, 1993)

Watt

A unit of measure for electrical power. 1 Watt = 1 Joule/second. Also the product of volts * amperes. (Wildi, 2000)

Wind rose

A graphical means of displaying the distribution of frequencies of the direction the wind has come from. (Marier, 1981)

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Estimated Average January Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH	m/s
>19.0	>8.5
17.9-19.0	8.0-8.5
16.8-17.9	7.5-8.0
15.7-16.8	7.0-7.5
14.5-15.7	6.5-7.0
13.4-14.5	6.0-6.5
12.3-13.4	5.5-6.0
<12.3	<5.5

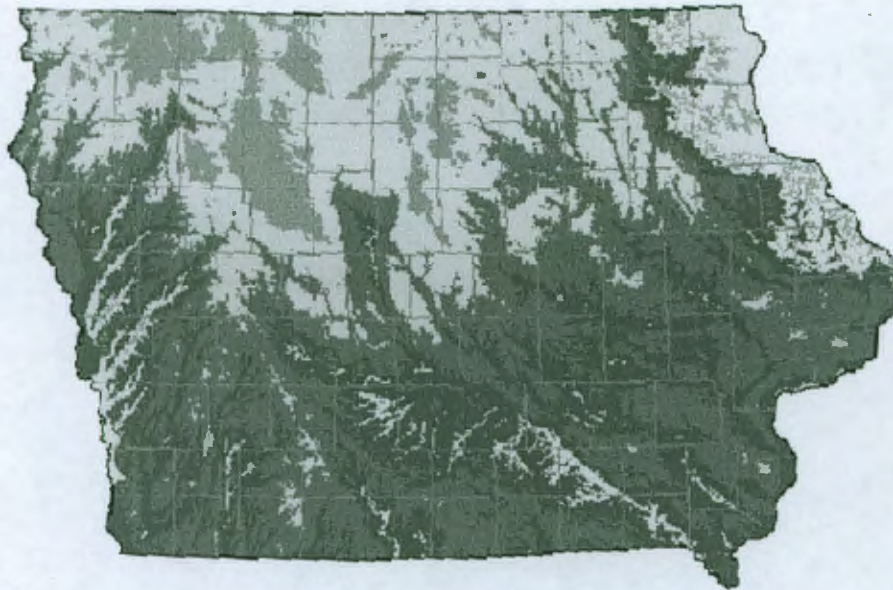
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Estimated Average February Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH		m/s
>19.0	■	>8.5
17.9-19.0	■	8.0-8.5
16.8-17.9	■	7.5-8.0
15.7-16.8	■	7.0-7.5
14.5-15.7	■	6.5-7.0
13.4-14.5	■	6.0-6.5
12.3-13.4	■	5.5-6.0
<12.3	■	<5.5

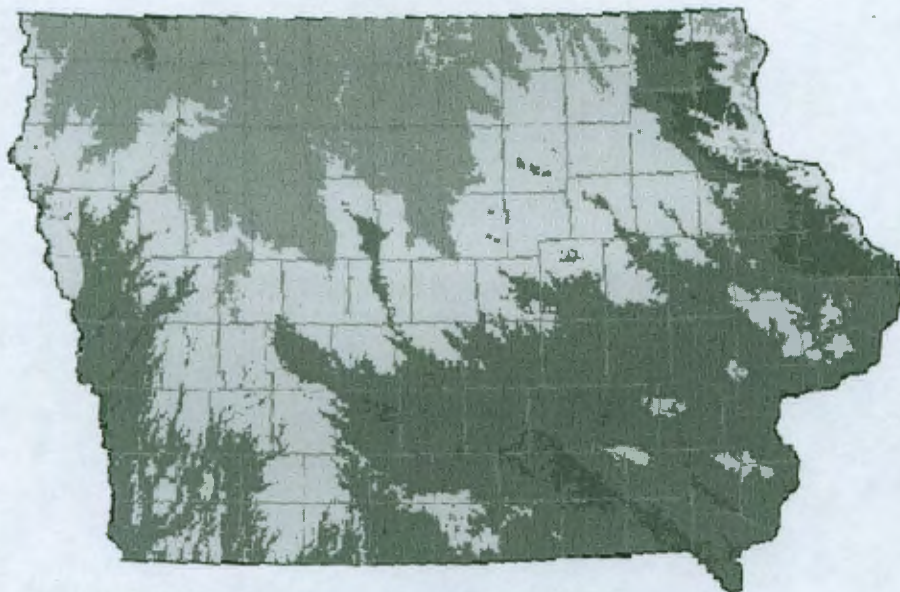
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Estimated Average March Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH		m/s
>19.0	■	>8.5
17.9-19.0	■	8.0-8.5
16.8-17.9	■	7.5-8.0
15.7-16.8	■	7.0-7.5
14.5-15.7	■	6.5-7.0
13.4-14.5	■	6.0-6.5
12.3-13.4	■	5.5-6.0
<12.3	■	<5.5

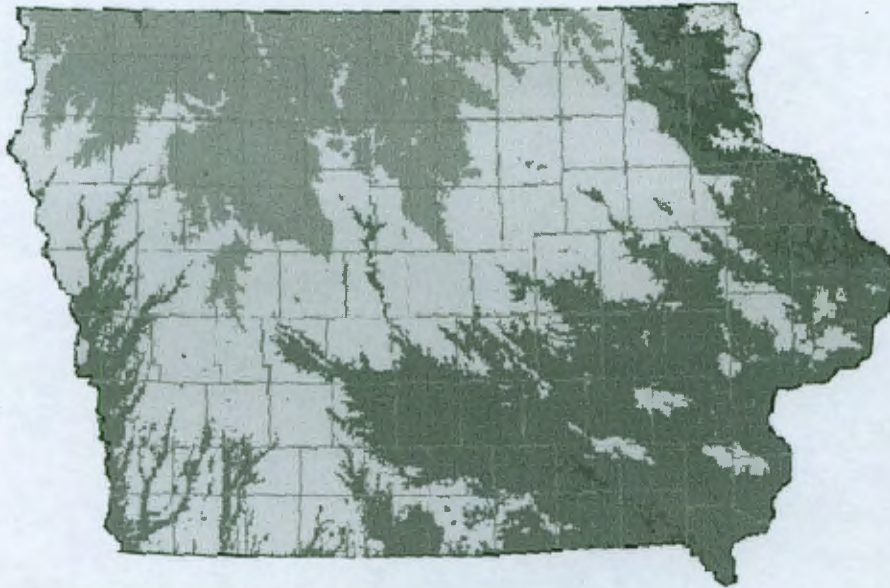
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Estimated Average April Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH		m/s
>19.0	■	>8.5
17.8-19.0	■	8.0-8.5
16.8-17.9	■	7.5-8.0
15.7-16.8	■	7.0-7.5
14.5-15.7	■	6.5-7.0
13.4-14.5	■	6.0-6.5
12.3-13.4	■	5.5-6.0
<12.3	■	<5.5

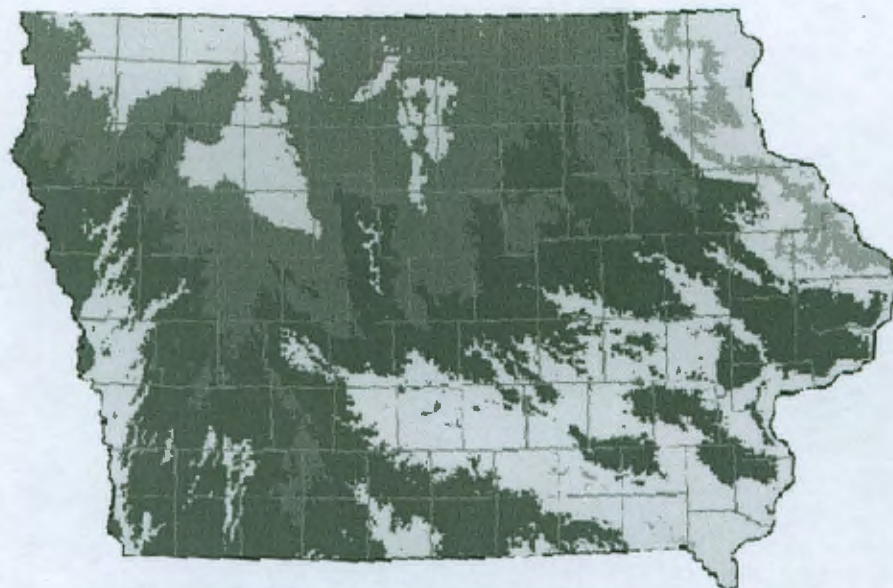
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Estimated Average May Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH		m/s
>19.0	■	>8.5
17.9-19.0	■	8.0-8.5
16.8-17.9	■	7.5-8.0
15.7-16.8	■	7.0-7.5
14.5-15.7	■	6.5-7.0
13.4-14.5	■	6.0-6.5
12.3-13.4	■	5.5-6.0
<12.3	■	<5.5

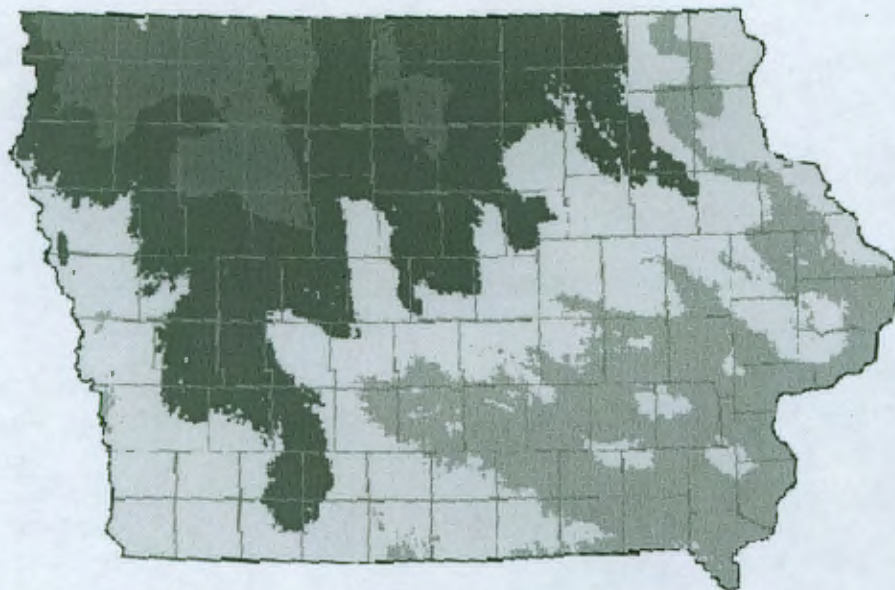
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Estimated Average June Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH		m/s
>19.0	■	>8.5
17.9-19.0	■	8.0-8.5
16.8-17.9	■	7.5-8.0
15.7-16.8	■	7.0-7.5
14.5-15.7	■	6.5-7.0
13.4-14.5	■	6.0-6.5
12.3-13.4	■	5.5-6.0
<12.3	■	<5.5

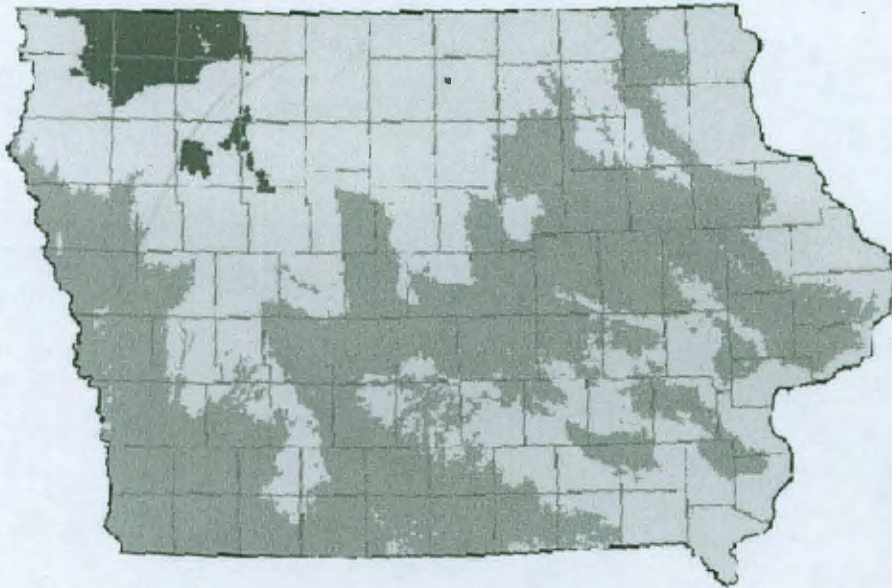
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Estimated Average July Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH		m/s
>19.0	■	>8.5
17.9-19.0	■	8.0-8.5
16.8-17.9	■	7.5-8.0
15.7-16.8	■	7.0-7.5
14.5-15.7	■	6.5-7.0
13.4-14.5	■	6.0-6.5
12.3-13.4	■	5.5-6.0
<12.3	■	<5.5

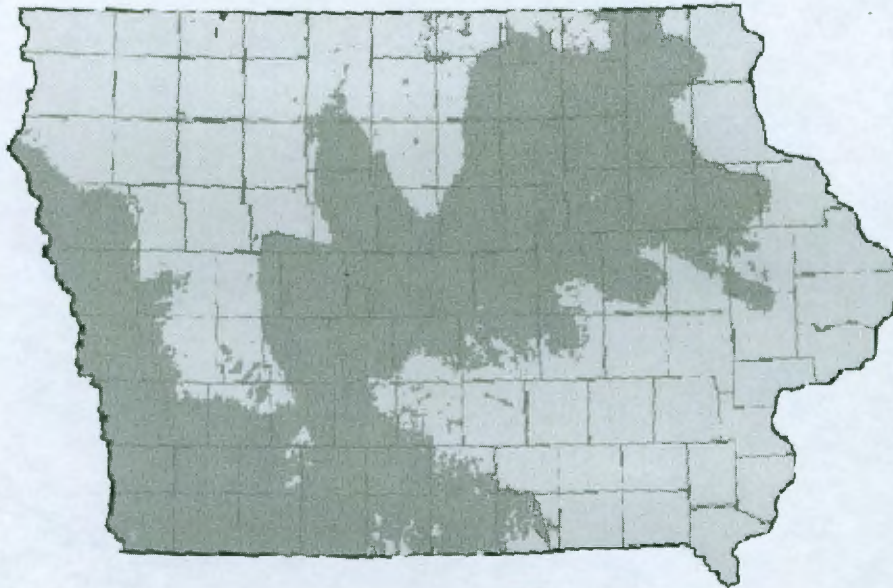
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Estimated Average August Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH		m/s
>19.0	■	>8.5
17.9-19.0	■	8.0-8.5
16.8-17.9	■	7.5-8.0
15.7-16.8	■	7.0-7.5
14.5-15.7	■	6.5-7.0
13.4-14.5	■	6.0-6.5
12.3-13.4	■	5.5-6.0
<12.3	■	<5.5

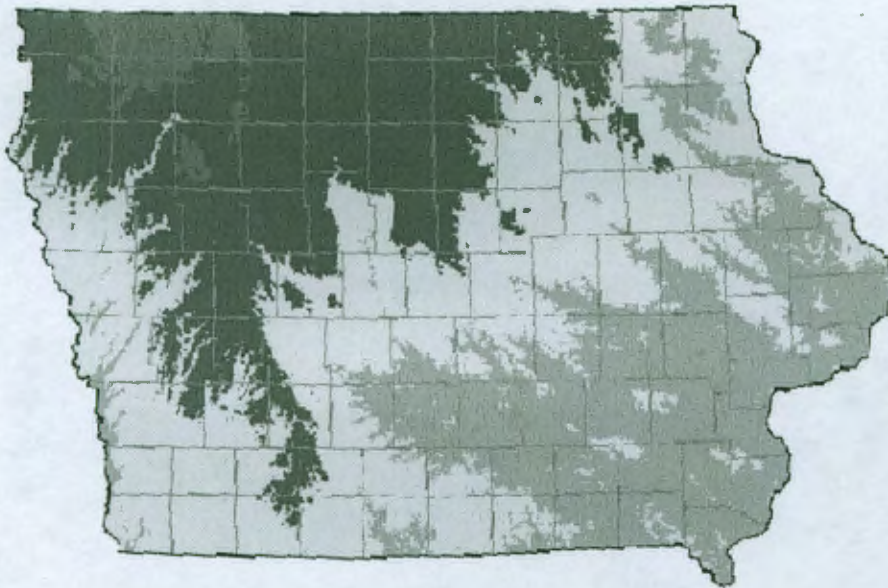
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Estimated Average September Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH		m/s
>19.0	■	>8.5
17.9-19.0	■	8.0-8.5
16.8-17.9	■	7.5-8.0
15.7-16.8	■	7.0-7.5
14.5-15.7	■	6.5-7.0
13.4-14.5	■	6.0-6.5
12.3-13.4	■	5.5-6.0
<12.3	■	<5.5

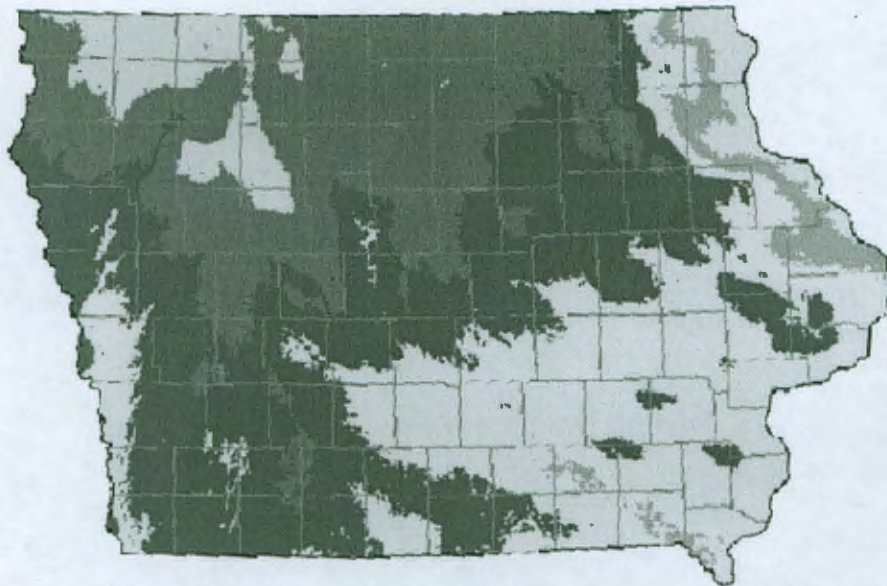
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Estimated Average October Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH		m/s
>19.0	■	>8.5
17.9-19.0	■	8.0-8.5
16.8-17.9	■	7.5-8.0
15.7-16.8	■	7.0-7.5
14.5-15.7	■	6.5-7.0
13.4-14.5	■	6.0-6.5
12.3-13.4	■	5.5-6.0
<12.3	■	<5.5

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Estimated Average November Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH		m/s
>19.0	■	>8.5
17.9-19.0	■	8.0-8.5
16.8-17.9	■	7.5-8.0
15.7-16.8	■	7.0-7.5
14.5-15.7	■	6.5-7.0
13.4-14.5	■	6.0-6.5
12.3-13.4	■	5.5-6.0
<12.3	■	<5.5

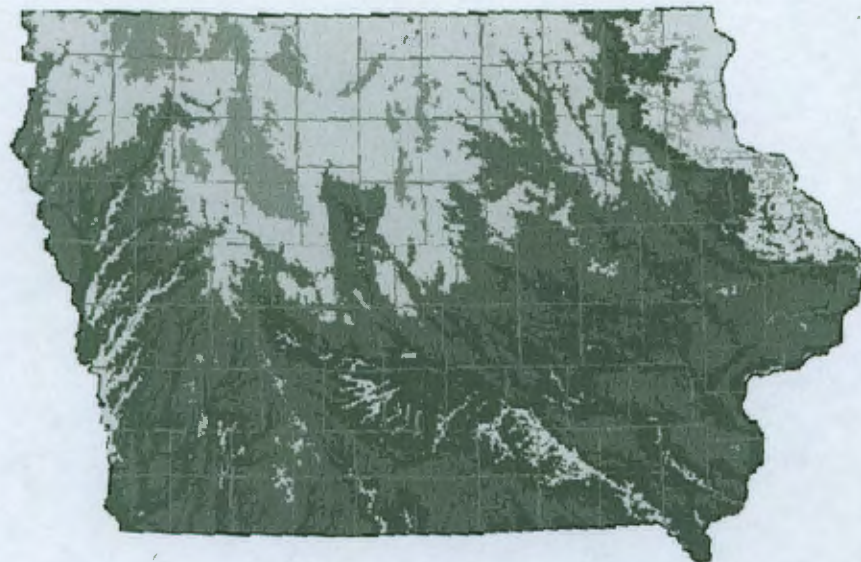
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Estimated Average December Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH		m/s
>19.0	■	>8.5
17.9-19.0	■	8.0-8.5
16.8-17.9	■	7.5-8.0
15.7-16.8	■	7.0-7.5
14.5-15.7	■	6.5-7.0
13.4-14.5	■	6.0-6.5
12.3-13.4	■	5.5-6.0
<12.3	■	<5.5

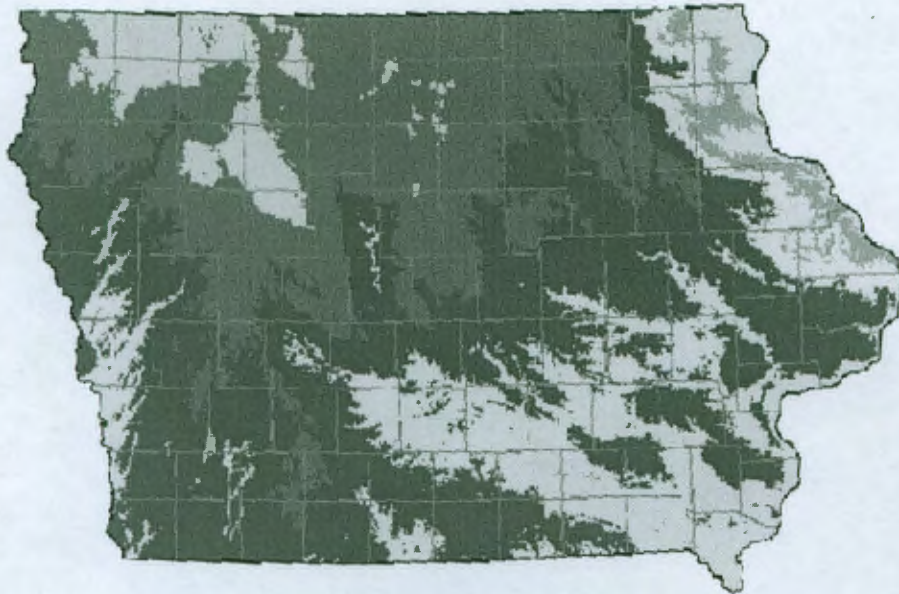
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Estimated Average Annual Wind Speeds

Typical average wind speeds on well exposed sites at 50 m above ground



MPH		m/s
>19.0	■	>8.5
17.9-19.0	■	8.0-8.5
16.8-17.9	■	7.5-8.0
15.7-16.8	■	7.0-7.5
14.5-15.7	■	6.5-7.0
13.4-14.5	■	6.0-6.5
12.3-13.4	■	5.5-6.0
<12.3	■	<5.5

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Weather Data for
1-Jan-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.33	-7.7	NNE	4.9	55
1	29.34	-7.9	NNE	8.7	53
2	29.33	-8.2	NE	7.6	52
3	29.34	-8.2	ESE	8.7	54
4	29.34	-7.9	ENE	4.4	55
5	29.35	-7.7	ENE	2.4	55
6	29.36	-6.9	ENE	4	55
7	29.33	-6.3	ENE	10.9	53
8	29.32	-4.9	ENE	0	65
9	29.34	-5.9	ENE	0	68
10	29.33	-5.8	ENE	0	70
11	29.31	-5.4	ENE	0	71
12	29.27	-5.3	ENE	0	71
13	29.21	-4.8	ENE	0	74
14	29.19	-4.6	ENE	0	77
15	29.17	-3.9	ENE	0	80
16	29.15	-3.4	ENE	0	82
17	29.11	-1.9	ENE	0	84
18	29.1	-1.2	ENE	0	85
19	29.08	-0.8	ENE	0	86
20	29.04	-0.5	ENE	0	87
21	29.03	-0.5	ENE	0	88
22	29.02	-0.5	ENE	0	89
23	29.06	-0.4	ENE	0	90
<u>Avg</u>	<u>29.227</u>	<u>-4.608</u>		<u>2.150</u>	<u>70.792</u>

Weather Data for
2-Jan-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.08	-0.6	ENE	0	91
1	29.08	-0.8	ENE	0	91
2	29.09	-0.7	ENE	0	91
3	29.12	-0.6	ENE	0	91
4	29.14	-0.7	ENE	0	91
5	29.17	-1.1	ENE	0	90
6	29.2	-1.4	ENE	0	87
7	29.24	-3.4	ENE	0	82
8	29.27	-4.2	ENE	0	80
9	29.29	-4.3	ENE	0	77
10	29.32	-3.2	ENE	0	74
11	29.3	-2.8	ENE	0	62
12	29.29	-0.3	ENE	0	60
13	29.28	-1.9	ENE	0	61
14	29.29	-1.9	ENE	0	65
15	29.3	-3.3	ENE	0	66
16	29.32	-4.2	N	2	70
17	29.33	-5.3	NNW	1	72
18	29.34	-5.8	NNW	3	73
19	29.36	-5.8	N	2	74
20	29.38	-5.4	N	4	75
21	29.36	-5.8	NNE	8	73
22	29.37	-5.7	N	5	73
23	29.35	-5.6	NNE	5	73
<u>Avg</u>	<u>29.261</u>	<u>-3.117</u>		<u>1.250</u>	<u>76.750</u>

Weather Data for
3-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.34	-5.6	NNW	3	73
1	29.33	-5.7	N	7	72
2	29.33	-6.2	N	10	70
3	29.32	-6.5	NNW	5	68
4	29.34	-6.6	N	3	70
5	29.32	-6.8	N	3	68
6	29.31	-6.9	NNE	8	68
7	29.3	-7.1	NNE	6	69
8	29.31	-7.5	N	7	66
9	29.33	-7.3	NNE	8	66
10	29.35	-6.8	NNW	3	66
11	29.32	-6.3	N	6	64
12	29.27	-5.8	N	4	65
13	29.25	-6.1	NNE	7	67
14	29.25	-5.3	N	6	67
15	29.26	-5.6	NNE	15	66
16	29.29	-6.2	NNE	5	68
17	29.29	-6.2	NNW	5.3	68
18	29.31	-5.9	NNE	3.5	70
19	29.31	-6	NNE	4.9	71
20	29.3	-6.1	N	9.3	71
21	29.31	-6.1	NNE	8.9	70
22	29.32	-6	N	2.9	70
23	29.33	-5.9	NNE	4.9	70
<u>Avg</u>	<u>29.308</u>	<u>-6.271</u>		<u>6.071</u>	<u>68.458</u>

Weather Data for
4-Jan-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.34	-6.2	NNW	2.9	72
1	29.33	-6.5	N	4.4	77
2	29.33	-6.6	N	7.3	78
3	29.35	-6.7	NNE	4.9	78
4	29.34	-6.6	NE	4	78
5	29.33	-6.6	NNE	5.3	79
6	29.35	-6.4	N	3.8	79
7	29.35	-6.6	NNW	2.9	79
8	29.34	-6.7	N	4.6	79
9	29.36	-6.5	N	6.4	78
10	29.37	-6	N	4.6	77
11	29.38	-5.7	N	6	77
12	29.33	-5.6	N	6.9	78
13	29.31	-5.9	NNE	8.5	77
14	29.29	-6.1	NNE	6.4	78
15	29.29	-5.9	NNE	9	78
16	29.32	-6.7	N	8	77
17	29.31	-6.9	NNE	10	77
18	29.32	-7.3	NNE	7	77
19	29.32	-7.6	N	4	77
20	29.33	-9.2	NE	11	76
21	29.32	-9.5	N	7	76
22	29.32	-9.6	NNE	6	76
23	29.32	-9.8	NE	12	76

* Anemometer covered with ice

Avg 29.331 -6.967 6.371 77.250

Weather Data for
5-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.33	-9.2	NNE	15	75
1	29.32	-9.5	N	6	74
2	29.32	-9.6	NNE	4	74
3	29.32	-9.8	NNE	10	74
4	29.31	-9.9	N	13	74
5	29.28	-10.2	NNE	14	73
6	29.29	-10.6	NE	15	71
7	29.3	-11.6	N	8	70
8	29.29	-11.4	NE	10	71
9	29.29	-11.3	N	5	71
10	29.27	-11.2	NNW	7	70
11	29.3	-10.3	NNE	10	70
12	29.25	-9.9	NNE	7	68
13	29.19	-9.3	NNE	15	67
14	29.18	-9.5	N	7	66
15	29.16	-9.9	NNE	13	68
16	29.14	-9.9	NNE	15	69
17	29.1	-10.3	NNE	11	70
18	29.1	-10	NNE	10	68
19	29.09	-10.3	NNE	8	69
20	29.09	-10.5	N	8	71
21	29.1	-10.7	N	7	72
22	29.07	-11.1	NNE	6	72
23	29.06	-11.3	N	5	72

* Anemometer sensor covered with ice

Avg 29.215 -10.304 9.542 70.792

Weather Data for
6-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.03	-11.3	NW	4	72
1	29.01	-11.8	NW	13	72
2	29	-12.2	NNE	3	71
3	29	-11.9	NNE	11	71
4	28.98	-12.5	N	3	71
5	28.98	-13.3	NNW	2	70
6	28.99	-15.5	NNW	4	67
7	29.03	-17.7	NW	6	65
8	29.04	-16.9	NNW	4	65
9	29.05	-13.3	NW	6	68
10	29.02	-9.4	N	9	53
11	29.01	-7.8	NNW	7	39
12	28.98	-6.6	WNW	4	19
13	28.96	-9.5	WNW	7	19
14	28.98	-11.7	WSW	3	33
15	29	-12.5	WSW	3.8	41
16	29.04	-14.6	WSW	1.5	41
17	29.08	-18.9	WSW	2.2	44
18	29.11	-19.9	SW	0	50
19	29.13	-20.1	SW	3.3	54
20	29.12	-19.9	SW	4.6	56
21	29.12	-20.9	SW	4.4	55
22	29.13	-20.2	SSW	5.3	56
23	29.14	-19.2	SSW	6	60

*Anemometer covered with ice

Avg 29.039 -14.483 4.879 54.667

Weather Data for
7-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.11	-17.6	SSW	4	62
1	29.09	-16.6	S	3.5	63
2	29.08	-15.1	S	3.1	65
3	29.08	-13.5	S	6.7	67
4	29.08	-13	S	5.1	68
5	29.06	-12.8	SSW	6.2	68
6	29.07	-12.3	SSW	6.7	69
7	29.08	-12.2	SSW	6.9	69
8	29.09	-11.9	SSW	6	69
9	29.09	-10.9	S	7.3	70
10	29.1	-10.2	SSW	4.4	69
11	29.09	-8.8	S	6	63
12	29.05	-8.1	S	6.2	59
13	29.04	-8.2	S	3.1	56
14	29.04	-7.4	S	1.3	58
15	29.05	-8.2	S	0.2	58
16	29.07	-8.8	S	2.9	61
17	29.08	-9.5	SSE	0	65
18	29.1	-9.6	SE	0	66
19	29.11	-9.5	SSE	0.4	68
20	29.12	-9.5	S	0	69
21	29.13	-9.6	S	0	70
22	29.14	-9.5	S	0	72
23	29.15	-9.4	WSW	0	74
Avg	<u>29.088</u>	<u>-10.925</u>		<u>3.333</u>	<u>65.750</u>

Weather Data for
8-Jan-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.13	-9.3	WSW	0	74
1	29.14	-9.2	WSW	2	74
2	29.16	-9.2	WSW	3	75
3	29.18	-9.2	WSW	2	74
4	29.17	-9.2	WSW	0	74
5	29.2	-9.2	WSW	0	74
6	29.22	-9.1	WSW	0	74
7	29.26	-9.4	SW	0	73
8	29.27	-9.8	SW	1.1	71
9	29.29	-9.6	SSW	5.5	59
10	29.27	-8.1	SW	2.4	61
11	29.25	-8.6	SW	7.3	59
12	29.24	-7	SW	5.3	51
13	29.24	-7.9	S	4.9	50
14	29.23	-8.5	SSW	7.8	49
15	29.24	-9.5	SW	4.9	50
16	29.27	-11.5	SSW	2.4	53
17	29.28	-13	S	0.8	59
18	29.28	-11.6	SSE	0	62
19	29.25	-9.6	SE	2.2	67
20	29.22	-8.2	ESE	0	72
21	29.21	-7.2	SE	4.6	75
22	29.21	-6.8	S	12.5	77
23	29.19	-6.5	SSE	13.8	78
<u>Avg</u>	<u>29.225</u>	<u>-9.050</u>		<u>3.438</u>	<u>66.042</u>

Weather Data for
9-Jan-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.19	-6.2	S	10.2	79
1	29.15	-5.9	S	11.6	79
2	29.15	-5.7	S	8.5	80
3	29.14	-5.7	S	11.4	80
4	29.1	-5.8	SSE	10.9	80
5	29.08	-5.4	SSE	6.4	81
6	29.07	-5.2	SSE	10.5	82
7	29.04	-4.9	SSE	11.6	82
8	29.02	-4.5	SSE	7	83
9	29.03	-3.9	S	7	83
10	29.01	-3.3	S	9	83
11	28.98	-2.8	SE	9	83
12	28.94	-2.2	S	9	82
13	28.9	-1.7	S	10	82
14	28.88	-1.1	S	7	83
15	28.93	-0.6	SW	7	84
16	28.96	-0.6	W	7	85
17	28.99	-0.6	WNW	10	85
18	29.01	-0.8	WNW	7	83
19	29.03	-1.6	NW	9	80
20	29.06	-1.5	NW	8	80
21	29.1	-3.9	NW	11	77
22	29.14	-6.8	NW	9	72
23	29.19	-10	NW	0	69

* Anemometer iced

Avg 29.045 -3.779 8.629 80.708

Weather Data for
10-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.23	-13.5	NNW	3	69
1	29.24	-15.6	WNW	4	68
2	29.23	-15.2	NW	5	69
3	29.31	-14.3	W	5	69
4	29.3	-13.9	WNW	6	69
5	29.3	-14.1	WNW	2	68
6	29.3	-13.1	WNW	3	67
7	29.28	-12.9	N	6	66
8	29.28	-12.5	N	3	66
9	29.27	-11.5	NNE	7	64
10	29.26	-9.9	N	8	61
11	29.24	-8.3	NNE	7	59
12	29.15	-8.2	NE	4	57
13	29.14	-5.4	NE	5	55
14	29.13	-5.5	NE	4	51
15	29.12	-6.9	NE	4	55
16	29.12	-7.6	ENE	1	59
17	29.1	-8.2	ENE	2	62
18	29.09	-8	E	9	65
19	29.08	-7.5	NE	3	67
20	29.08	-6.9	ENE	2	68
21	29.08	-6.7	NNE	2	70
22	29.06	-6.6	NE	3	71
23	29.06	-6.3	NNE	8	72

* Anemometer iced

Avg 29.185 -9.942 4.417 64.458

Weather Data for
11-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.05	-6.4	NNE	6	72
1	29.04	-6.6	NNE	12	72
2	29.01	-6.8	NE	4	72
3	29.03	-7.1	NNE	4	70
4	29.01	-7.2	NNE	9	70
5	29	-7.4	NE	6	69
6	29	-7.5	NNE	10	69
7	29.02	-7.6	NNE	3	69
8	29.03	-7.4	NE	4	70
9	29	-6.3	NNE	3	69
10	28.98	-4.8	NNE	3	67
11	28.97	-3.6	NNE	3	64
12	28.93	-3.2	NNE	5	67
13	28.89	-2.8	NE	7	67
14	28.85	-2.9	NE	7	70
15	28.87	-3	NNE	4	74
16	28.86	-3.1	E	3	78
17	28.87	-3.1	E	3	80
18	28.85	-3.1	ENE	3	81
19	28.81	-2.7	E	1	82
20	28.8	-2.5	E	2	83
21	28.77	-2.1	ESE	2	84
22	28.75	-1.3	E	4	85
23	28.7	-1.1	ESE	1	85

*Anemometer iced

<u>Avg</u>	<u>28.920</u>	<u>-4.567</u>		<u>4.542</u>	<u>73.708</u>
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Weather Data for
12-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	28.68	-0.8	ESE	7	86
1	28.65	-0.7	ESE	1	86
2	28.63	-0.8	E	3	87
3	28.62	-0.8	ESE	2	87
4	28.58	-0.8	ESE	4	88
5	28.56	-0.8	ESE	1	88
6	28.53	-0.8	SE	5	89
7	28.54	-0.9	S	4	89
8	28.54	-0.8	SSW	5	89
9	28.54	-0.5	SSW	5	90
10	28.52	0	SW	6	90
11	28.5	0.5	SW	6.4	88
12	28.51	0.2	WSW	4.6	83
13	28.49	0.1	WSW	4.2	81
14	28.49	-0.3	NW	4.2	79
15	28.53	-1.4	WNW	10.2	82
16	28.54	-1.9	WNW	6.4	83
17	28.57	-2.7	WNW	7.8	82
18	28.59	-2.8	WNW	9.1	82
19	28.6	-3.4	WNW	8.2	80
20	28.61	-3.5	WNW	5.5	81
21	28.65	-3.5	WNW	8	81
22	28.65	-3.4	WNW	7.8	81
23	28.67	-4.1	WNW	10	74

*Anemometer iced

Avg 28.575 -1.413 5.642 84.417

Weather Data for
13-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	28.67	-4.6	N	8	75
1	28.69	-4.8	NNW	6.2	75
2	28.7	-5.3	NNW	7.8	75
3	28.72	-5.7	N	8.2	72
4	28.74	-6.3	N	8.7	72
5	28.77	-6.5	NNW	7.1	72
6	28.83	-6.3	NW	7.6	72
7	28.85	-6.6	N	7.1	72
8	28.92	-8.1	N	8.7	70
9	28.99	-9.5	NW	12	68
10	29.01	-10	NNW	9.8	60
11	29.01	-8.2	NNW	9.8	48
12	29.02	-9.2	NW	10.9	38
13	29.05	-11.2	NW	17.4	27
14	29.11	-12.5	NNW	13.6	19
15	29.16	-13.9	NW	11.6	19
16	29.23	-16.3	NW	12	19
17	29.32	-19.5	WNW	7.3	26
18	29.38	-20.9	NW	8.2	36
19	29.42	-21.9	WNW	6.4	40
20	29.46	-22.9	NW	7.1	39
21	29.49	-23.6	NW	4.9	37
22	29.54	-24.1	NW	8.5	36
23	29.6	-24.9	WNW	4.9	33

Wind direction possibly iced- question speed

Avg 29.070 -12.617 8.908 50.000

Weather Data for
14-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.63	-25.9	NNW	7.1	31
1	29.66	-25.9	N	5.3	32
2	29.69	-26.6	N	4.2	33
3	29.73	-27.7	NW	4.9	31
4	29.76	-28.2	WNW	4	33
5	29.75	-27.6	NW	4.9	37
6	29.75	-26.9	NW	1.5	37
7	29.77	-27.3	NW	2.6	36
8	29.78	-25.5	N	4.6	39
9	29.79	-24.9	N	4.6	29
10	29.77	-17.1	NW	4.4	19
11	29.75	-17.1	WNW	5.8	19
12	29.71	-15.9	WNW	2.9	19
13	29.68	-14.8	WNW	2.4	19
14	29.69	-16.9	WNW	5.8	19
15	29.7	-16.9	WNW	5.3	19
16	29.74	-19.9	WNW	4.6	19
17	29.78	-21.9	WNW	3.8	19
18	29.81	-23.2	WNW	1.1	19
19	29.83	-25.1	W	0	19
20	29.87	-26.4	W	0	19
21	29.87	-25.5	W	0	19
22	29.89	-25.2	W	4.2	20
23	29.89	-24.6	W	2.4	27
<u>Avg</u>	<u>29.762</u>	<u>-23.208</u>		<u>3.600</u>	<u>25.542</u>

Weather Data for
15-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.91	-25.9	W	2.6	24
1	29.89	-25.6	W	3.1	33
2	29.89	-24.6	WSW	1.1	37
3	29.88	-23.6	W	3.8	38
4	29.89	-23.2	W	4.6	37
5	19.89	-23.2	WNW	3.3	32
6	29.9	-24.8	WNW	2.9	26
7	29.95	-27.6	NW	2	19
8	29.98	-27.6	WNW	0	24
9	29.91	-17.3	WNW	3.1	19
10	29.87	-12.1	WNW	2	19
11	29.83	-14.3	WNW	2	19
12	29.75	-17	W	3.3	19
13	29.7	-14.9	NW	5.3	19
14	29.68	-17.9	W	4.4	19
15	29.67	-18.5	W	6.2	19
16	29.68	-18.6	W	1.7	19
17	29.68	-21.8	W	0.8	19
18	29.68	-21.4	W	0	19
19	29.69	-20.5	W	0.8	19
20	29.69	-19.8	W	4.6	19
21	29.68	-19.7	NW	0	28
22	29.69	-19.6	WNW	0.8	31
23	29.7	-19.7	NW	0	34
Avg	<u>29.378</u>	<u>-20.800</u>		<u>2.433</u>	<u>24.625</u>

Weather Data for
16-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.69	-19.9	WNW	1.3	37
1	29.68	-19.8	WNW	0	40
2	29.69	-19.7	WNW	1.7	40
3	29.7	-20.9	WNW	1.1	40
4	29.68	-22.6	WNW	0	41
5	29.68	-22.6	WNW	2.6	39
6	29.68	-24.6	WNW	0	40
7	29.67	-25.7	WNW	0	40
8	29.68	-25.9	WNW	0	40
9	29.68	-15.4	WNW	1.5	22
10	29.69	-14.5	WNW	5.1	19
11	29.67	-14	W	5.1	19
12	29.64	-14.1	W	4.9	19
13	29.62	-14.5	NW	10	19
14	29.69	-14.3	W	7.1	19
15	29.72	-14	W	5.1	19
16	29.73	-15.3	W	4.9	23
17	29.77	-19.5	WNW	3.1	35
18	29.81	-22.9	W	0	36
19	29.82	-23.6	WNW	0	39
20	29.83	-23.6	SW	0	42
21	29.85	-24.6	SW	0	40
22	29.84	-25.2	SW	0	40
23	29.88	-26.1	SW	0	39
<u>Avg</u>	<u>29.725</u>	<u>-20.138</u>		<u>2.229</u>	<u>32.792</u>

Weather Data for
17-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.87	-26.6	W	0	37
1	29.87	-26.4	WNW	0	37
2	29.86	-25.6	NNW	2.4	41
3	29.86	-26.6	N	0	39
4	29.87	-27.2	N	0	38
5	29.9	-28.3	NNE	0	0.4
6	29.92	-29.2	NNE	0	30
7	29.93	-27.9	NE	1.5	37
8	29.91	-27.2	NE	2.4	41
9	29.86	-16.5	NE	0	44
10	29.84	-12.5	NE	0	19
11	29.81	-10.9	ENE	3.5	19
12	29.8	-8.6	NE	2.4	19
13	29.77	-8.4	NE	2.9	19
14	29.77	-8.8	NE	2.9	19
15	29.77	-8.9	NE	4.6	19
16	29.79	-10.2	ENE	0	19
17	29.83	-19.5	ENE	0	19
18	29.86	-22.8	SSE	0	19
19	29.89	-24.4	SE	0	19
20	29.86	-21.2	ENE	0	19
21	29.83	-20.2	E	2	19
22	29.84	-19.8	SE	0	19
23	29.82	-20.3	ESE	5.3	19
<u>Avg</u>	<u>29.847</u>	<u>-19.917</u>		<u>1.246</u>	<u>25.433</u>

Weather Data for
18-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.81	-20.4	ESE	0	30
1	29.8	-21.2	SSE	7.1	29
2	29.78	-20.8	SSE	4	36
3	29.75	-20.1	SSE	9.6	40
4	29.71	-20.6	S	12.3	40
5	29.67	-20.2	SSE	9.3	42
6	29.64	-19.4	SSE	12.9	45
7	29.61	-18.3	SSE	14	47
8	29.58	-16.8	S	18.5	50
9	29.53	-15.2	S	20.3	51
10	29.45	-12.6	SSE	19.2	48
11	29.39	-10.3	S	25.2	48
12	29.31	-9.3	S	24.6	47
13	29.22	-8.5	S	28.8	49
14	29.16	-7.7	S	19.2	50
15	29.1	-6.6	S	26.6	52
16	29.04	-5.5	S	25.2	54
17	29.97	-4.1	SSW	20.8	56
18	29.95	-2.7	ES	30.1	58
19	29.94	-1.7	WSW	13.6	66
20	29.9	-1.2	WSW	20.1	64
21	29.88	-0.5	WSW	19.6	66
22	29.85	0.5	W	14.5	67
23	29.87	0	WSW	10	71
<u>Avg</u>	<u>29.621</u>	<u>-10.967</u>		<u>16.896</u>	<u>50.250</u>

Weather Data for
19-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.97	0.8	W	13.4	72
1	29.88	1.8	W	14.7	71
2	29.88	1.8	NNW	14.3	71
3	29.9	1.5	NNW	25.7	72
4	29.92	0.7	NW	21.2	69
5	29.98	-0.9	NNW	17.2	70
6	30.03	-3.9	NNW	17.8	66
7	30.07	-5.9	NW	12.3	67
8	30.11	-6.5	N	21.4	64
9	30.16	-7.1	NNW	12.3	60
10	30.18	-5.98	NW	19	58
11	30.18	-4.8	NNW	11.6	52
12	30.17	-1.8	NNW	17.2	43
13	30.16	-4.4	NNW	10.5	46
14	30.17	-3.6	NNW	9.3	45
15	30.18	-4.5	NNW	9.6	50
16	30.19	-5.6	NNW	7.1	51
17	30.19	-7.6	NNW	3.5	56
18	30.2	-7.8	NW	1.3	61
19	30.21	-7.3	NNW	3.1	61
20	30.2	-7.2	N	0	60
21	30.16	-7.1	SSW	1.5	60
22	30.14	-7	SSW	2.9	61
23	30.1	-7.2	SE	0	63
<u>Avg</u>	<u>30.097</u>	<u>-4.149</u>		<u>11.121</u>	<u>60.375</u>

Weather Data for
20-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.11	-7.1	SE	2.4	63
1	30.08	-7.1	SE	6	65
2	30.04	-7.1	SE	11.4	64
3	30.01	-7.2	SE	12.5	64
4	30	-7.1	SE	6.4	65
5	29.98	-7.1	SSE	8.2	65
6	29.97	-7.1	SSE	10.7	66
7	29.95	-7	SE	6.9	67
8	29.95	-6.9	ESE	6	68
9	29.93	-6.3	SSE	13.6	70
10	29.94	-5.2	ESE	6.7	70
11	29.94	-3.5	E	9.6	65
12	29.91	-2.3	ENE	5.5	62
13	29.91	-2.9	NE	4	61
14	29.92	-3.6	ENE	4.4	65
15	29.93	-2.9	NE	3.5	64
16	29.97	-4.5	NE	7.8	67
17	30.01	-5.2	NE	11.6	69
18	30.04	-5.6	ENE	8.2	70
19	30.06	-5.8	ENE	4	70
20	30.07	-6.7	NE	4.2	70
21	30.11	-6.9	NE	4.6	70
22	30.11	-6.6	NE	4	70
23	30.12	-7.2	NE	7.3	69
<u>Avg</u>	<u>30.003</u>	<u>-5.788</u>		<u>7.063</u>	<u>66.625</u>

Weather Data for
21-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.13	-7.1	E	6.4	69
1	30.14	-6.9	ENE	4.9	70
2	30.13	-6.5	ENE	4	72
3	30.15	-6.3	ENE	3.5	71
4	30.14	-6.3	SE	4	70
5	30.13	-6.5	ESE	7.8	69
6	30.14	-6.6	SE	8.2	69
7	30.14	-6.5	ESE	5.3	67
8	30.14	-6.5	SE	7.8	66
9	30.14	-6	SE	14.9	64
10	30.12	-5.3	SE	11.1	57
11	30.11	-5.4	SSE	13.6	58
12	30.06	-5.5	SSE	14.5	60
13	30.03	-6.3	SE	16.5	56
14	29.96	-6.1	SSE	13.6	57
15	29.95	-6.1	SE	22.5	59
16	29.88	-6.3	SSE	16.3	60
17	29.87	-6.5	SSE	11.4	65
18	29.83	-6.6	SSE	11.8	70
19	29.83	-6.2	SSE	13.6	70
20	29.85	-6.2	S	9.1	69
21	29.82	-6.1	S	8.7	74
22	29.78	-5.9	S	5.3	77
23	29.75	-5.9	S	6.9	78
<u>Avg</u>	<u>30.009</u>	<u>-6.233</u>		<u>10.071</u>	<u>66.542</u>

Weather Data for
22-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.75	-5.9	S	0	78
1	29.74	-5.5	SSW	4	78
2	29.81	-10.2	NNW	20.1	71
3	29.88	-13.2	NW	14.7	68
4	29.91	-14.9	NNW	27.9	66
5	29.97	-17.6	NW	44.9	62
6	30.03	-18.2	NNW	20.3	61
7	30.06	-18.7	NNW	23.9	61
8	30.12	-18.3	NNW	25.5	61
9	30.15	-16.8	N	13.6	63
10	30.2	-13.8	N	12.7	65
11	30.25	-9.9	NNW	21.4	68
12	30.27	-7.4	NNW	17.6	74
13	30.3	-5.8	NNW	13.1	80
14	30.32	-3.9	N	12.3	81
15	30.37	-3.9	N	10.9	79
16	30.42	-5.5	N	9.8	76
17	30.47	-9.9	NNE	6.9	71
18	30.53	-14.5	NNW	4	67
19	30.57	-15.8	NW	12.7	65
20	30.58	-14.6	NNW	13.8	67
21	30.59	-15.8	NW	9.1	65
22	30.6	-17.5	NNW	7.1	62
23	30.61	-18.2	NNW	4.4	61
<u>Avg</u>	<u>30.229</u>	<u>-12.325</u>		<u>14.613</u>	<u>68.750</u>

Weather Data for
23-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.63	-19.6	WSW	0	59
1	30.63	-20.2	N	0	58
2	30.63	-20.1	N	1.7	58
3	30.63	-19.3	NNE	0	60
4	30.63	-19.9	WNW	0	58
5	30.6	-18.9	SSE	0	60
6	30.59	-18.8	SSW	0	60
7	30.57	-18.4	SSW	0	61
8	30.55	-17.7	SSE	6	62
9	30.52	-19.8	SSW	7.8	67
10	30.5	-12.5	S	6.9	69
11	30.44	-9.8	S	13.4	71
12	30.37	-8.8	S	13.1	72
13	30.33	-8.9	S	16.5	70
14	30.31	-8.7	S	15.2	69
15	30.27	-8	S	16.7	65
16	30.25	-8.2	S	12.9	63
17	30.23	-9.3	S	17.8	63
18	30.21	-9.8	S	13.8	63
19	30.19	-9.6	S	12.5	62
20	30.19	-9.7	SSW	11.8	62
21	30.17	-9.9	SSW	14	62
22	30.15	-10.3	S	11.6	62
23	30.11	-10.2	SSW	16.5	62
<u>Avg</u>	<u>30.404</u>	<u>-13.600</u>		<u>8.675</u>	<u>63.250</u>

Weather Data for
24-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.08	-9.2	SSW	14.5	61
1	30.05	-9	SSW	8.2	60
2	30.01	-9.1	SSW	10	61
3	29.97	-8.5	SW	8	61
4	29.97	-7.9	SW	9.3	61
5	29.96	-8.2	SW	10	60
6	29.96	-8.3	SW	4.4	61
7	29.95	-8.4	SSW	5.5	62
8	29.97	-7.9	SW	6	63
9	29.94	-2.8	WSW	6.9	53
10	29.93	-0.3	WSW	4	49
11	29.91	1.3	W	5.5	45
12	29.92	2.1	WNW	4.6	48
13	29.89	4.6	NW	4.2	42
14	29.89	4.4	W	7.3	44
15	29.9	2.8	WNW	6.2	54
16	29.92	2.7	WNW	1.7	55
17	29.94	-0.4	NW	3.5	61
18	29.96	-3.9	NNW	5.1	69
19	29.98	-4.9	W	0	72
20	29.98	-5.2	NW	1.7	73
21	29.98	-6	NNE	0	74
22	29.99	-7.4	NNE	0	73
23	29.98	-7.4	NE	0	73
<u>Avg</u>	<u>29.960</u>	<u>-4.038</u>		<u>5.275</u>	<u>59.792</u>

Weather Data for
25-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.95	-6.4	E	0	75
1	29.94	-9.8	ESE	0	71
2	29.94	-10.3	SE	0	71
3	29.92	-11	SSE	0	70
4	29.9	-11.9	S	2.4	69
5	29.89	-9.3	ESE	0	73
6	29.85	-8.9	SSE	4.9	74
7	29.81	-8.9	S	0	74
8	29.79	-8.3	S	0	75
9	29.74	-4.3	S	0	74
10	29.69	0.4	SSW	0	66
11	29.64	4.7	SSW	6	60
12	29.59	7.2	SSW	9.1	52
13	29.57	6.5	WSW	9.6	52
14	29.55	5.8	W	2.9	55
15	29.54	5.8	WSW	8.2	56
16	29.58	5	W	4.6	59
17	29.61	1.5	W	5.5	70
18	29.63	2.1	NW	8.5	76
19	29.66	1.5	NNW	10.5	78
20	29.68	1.2	NNW	14.5	79
21	29.72	0.7	NNW	12.9	78
22	30.15	2	NW	14	83
23	30.17	1.8	WNW	3	82
<u>Avg</u>	<u>29.771</u>	<u>-1.788</u>		<u>4.858</u>	<u>69.667</u>

Weather Data for
26-Jan-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.18	2.1	NW	16	78
1	30.21	2.2	NNW	9	76
2	30.24	1.6	NNW	4	76
3	30.27	0.9	NW	13	77
4	30.26	0.8	NNW	4	75
5	30.33	0.9	NNW	9	76
6	30.36	0.7	NW	16	77
7	30.39	-0.3	NNW	4	81
8	30.44	-1.3	NNW	7	84
9	30.47	-1.3	NNW	0	82
10	30.5	-1.2	N	0	81
11	30.53	-1.3	NW	0	76
12	30.55	-1.3	NW	0	100
13	30.57	-1.7	N	0	78
14	30.59	-1.6	N	0	78
15	30.61	-1.8	N	0	78
16	30.63	-1.8	N	0	82
17	30.66	-2	N	0	81
18	30.68	-2.2	N	0	79
19	30.72	-2.4	N	0	77
20	30.73	-2.6	N	0	75
21	30.75	-2.8	N	1	73
22	30.77	-3	E	4	71
23	30.79	-3.7	ESE	3	65
<u>Avg</u>	<u>30.510</u>	<u>-0.963</u>		<u>3.750</u>	<u>78.167</u>

Weather Data for
27-Jan-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.8	-4.9	ESE	3	65
1	30.82	-6.7	E	4	64
2	30.84	-7.8	ESE	5	62
3	30.85	-8.5	ESE	2	62
4	30.88	-9.7	ESE	1	64
5	30.89	-10.4	ESE	2	65
6	30.9	-11.1	ESE	3	65
7	30.92	-11.5	ESE	2	66
8	30.92	-11.4	E	1	63
9	30.94	-9.9	E	3	62
10	30.94	-8.4	ESE	10	64
11	30.95	-7.2	ESE	7	59
12	30.94	-7	SSE	10	61
13	30.93	-6.3	SSE	6	61
14	30.92	-5.1	S	7	60
15	30.91	-5.2	SE	10	66
16	30.91	-5.2	SE	4	69
17	30.91	-5.6	ESE	6	69
18	30.91	-6.8	SE	2	72
19	30.92	-7.3	ESE	8	75
20	30.91	-7.4	ESE	6	74
21	30.91	-7.6	ESE	0	74
22	30.9	-8.1	SE	0	72
23	30.89	-8.5	N	0	72
<u>Avg</u>	<u>30.900</u>	<u>-7.817</u>		<u>4.250</u>	<u>66.083</u>

Weather Data for
28-Jan-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.88	-8.8	N	0	72
1	30.88	-9.1	N	0	72
2	30.86	-9.4	N	0	73
3	30.86	-9.7	N	0	73
4	30.85	-10	ESE	0	73
5	30.84	-10.4	N	0	75
6	30.84	-10.8	ESE	0	76
7	30.84	-11	ESE	6	77
8	30.83	-10.7	E	5	76
9	30.82	-10	ESE	9	75
10	30.81	-8.9	ESE	11	71
11	30.8	-8.2	ESE	7	68
12	30.76	-6.7	ESE	5	65
13	30.72	-4.5	ESE	7	57
14	30.69	-4.4	ESE	7	58
15	30.66	-3.7	ESE	4	55
16	30.66	-3.2	ESE	8	57
17	30.66	-4.3	ESE	4	59
18	30.66	-5.1	ESE	7	63
19	30.65	-5.1	N	0	65
20	30.64	-5	ESE	0	66
21	30.62	-5.1	N	0	70
22	30.62	-5.2	ESE	3	71
23	30.61	-5.2	N	0	71
<u>Avg</u>	<u>30.753</u>	<u>-7.271</u>		<u>3.458</u>	<u>68.250</u>

Weather Data for
29-Jan-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.57	-5.1	ESE	0	71
1	30.57	-5.2	N	0	72
2	30.58	-5.2	N	0	73
3	30.58	-5.3	N	0	74
4	30.6	-5.4	ESE	0	75
5	30.6	-5.7	ESE	0	76
6	30.61	-6.2	ESE	0	78
7	30.57	-6.7	ESE	0	78
8	30.57	-7	ESE	0	78
9	30.58	-5.4	ESE	0	77
10	30.59	-4.2	ESE	0	77
11	30.6	-3.4	N	0	75
12	30.58	-2.2	N	0	74
13	30.57	-1.7	N	0	72
14	30.56	-0.9	N	0	70
15	30.57	-1.2	N	5	68
16	30.58	-1	NE	3	65
17	30.59	-1.3	N	1	69
18	30.6	-1.7	N	5	71
19	30.61	-1.7	N	2	73
20	30.61	-1.4	NNE	0	72
21	30.62	-1.2	N	2	73
22	30.62	-1.3	NNE	4	71
23	30.62	-1.4	N	2	70
<u>Avg</u>	<u>30.590</u>	<u>-3.408</u>		<u>1.000</u>	<u>73.000</u>

Weather Data for
30-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.63	-1.4	NE	3	72
1	30.63	-1.4	NE	2	73
2	30.64	-1.4	NE	1	72
3	30.63	-1.7	NE	3	72
4	30.62	-1.8	NNE	3	71
5	30.63	-1.8	N	2	71
6	30.65	-2	N	1	73
7	30.65	-2.1	NE	2	73
8	30.66	-1.9	NE	4	71
9	30.66	-1.5	ENE	1	69
10	30.67	-1	ESE	2	67
11	30.68	-0.7	ESE	2	66
12	30.65	-0.5	ESE	1	66
13	30.64	-0.3	ESE	4	67
14	30.62	-0.3	SE	5	68
15	30.62	-0.2	SE	3	70
16	30.63	-0.2	ESE	1	71
17	30.62	-0.3	ESE	2	70
18	30.64	-0.4	ESE	2	73
19	30.17	-1.6	SSE	4	65
20	30.18	-1.7	SE	4.2	67
21	30.17	-1.5	ESE	5.5	67
22	30.17	-1.7	SE	6	73
23	30.18	-1.8	S	5.3	74
<u>Avg</u>	<u>30.543</u>	<u>-1.217</u>		<u>2.875</u>	<u>70.042</u>

Weather Data for
31-Jan-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.18	-1.9	S	7.3	75
1	30.19	-1.9	S	4.6	76
2	30.19	-2.2	SSE	2	77
3	30.2	-2.3	SSE	0	78
4	30.2	-2.4	SSE	0	78
5	30.2	-2.2	SE	0	79
6	30.2	-2.2	SE	1.3	79
7	30.23	-2.2	SE	0	80
8	30.24	-1.9	SSE	0	81
9	30.25	-0.7	SSE	0	80
10	30.25	0.8	SSE	0	76
11	30.26	2.6	SSE	0	67
12	30.24	3.3	S	1.7	62
13	30.23	5	S	0	57
14	30.22	4	WSW	0	60
15	30.23	3.5	NW	0	61
16	30.24	2.2	NNW	0	63
17	30.25	0.2	SSE	0	71
18	30.26	-0.8	SSE	0	75
19	30.27	-1.3	SSE	0	76
20	30.27	-1.5	SSE	0	77
21	30.28	-1.6	SSE	0	79
22	30.28	-1.6	SSE	0	78
23	30.28	-1.5	ESE	0	80
<u>Avg</u>	<u>30.235</u>	<u>-0.275</u>		<u>0.704</u>	<u>73.542</u>

Weather Data for
1-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.28	-1.3	SE	0	80
1	30.28	-1.3	SSE	1.7	81
2	30.28	-1.3	SSE	0	82
3	30.28	-1.4	SSE	0	81
4	30.29	-1.3	SSE	0	81
5	30.29	-1.6	SSE	0	81
6	30.3	1.7	SSE	0	81
7	30.32	-1.2	SSE	0	82
8	30.32	-0.8	SE	4	81
9	30.32	-0.4	SSE	4	79
10	30.32	1.5	S	4.2	73
11	30.32	1.9	SSE	4.2	69
12	30.32	1.5	S	6.2	69
13	30.32	1.8	S	6	67
14	30.32	2.3	SSW	3.3	61
15	30.33	1.8	S	2.4	63
16	30.33	1.4	SSE	3.8	64
17	30.34	0.5	SE	4.2	67
18	30.34	0.1	SE	3.8	71
19	30.33	-0.1	SE	3.5	68
20	30.34	-0.4	SSE	3.5	71
21	30.34	-0.3	SSE	6.2	71
22	30.33	-0.7	SSE	0	72
23	30.32	-0.5	SSE	0	71
<u>Avg</u>	<u>30.315</u>	<u>0.079</u>		<u>2.542</u>	<u>73.583</u>

Weather Data for
2-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.3	-0.6	SE	7.8	71
1	30.31	-0.9	SSE	4.6	73
2	30.32	-1.3	SSE	2.2	74
3	30.32	-1.3	SSE	6.2	75
4	30.31	-1.3	SSE	4.4	75
5	30.31	-1.4	SSE	5.3	74
6	30.31	-1.7	SSE	5.8	75
7	30.32	-1.9	SSE	4	76
8	30.32	-1.6	SSE	5.3	75
9	30.31	-0.8	SSE	6.2	73
10	30.32	0.8	SSE	6.2	68
11	30.3	1.3	SSE	6	64
12	30.28	2.1	S	4.6	61
13	30.24	2.8	SSE	6	59
14	30.23	2.4	SSE	5.3	58
15	30.23	2.7	SSE	3.8	58
16	30.23	1.6	SSE	5.8	60
17	30.24	1.1	SE	5.8	61
18	30.24	-2.3	SE	7.3	70
19	30.23	-2.8	SSE	6.7	68
20	30.23	-4	SSE	7.3	68
21	30.22	-4.6	SSE	6.9	68
22	30.22	-5.3	S	6.9	70
23	30.22	-5.7	SSW	5.3	72
<u>Avg</u>	<u>30.273</u>	<u>-0.946</u>		<u>5.654</u>	<u>68.583</u>

Weather Data for
3-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.22	-4.9	SSW	6	71
1	30.21	-5.8	SSW	5.5	71
2	30.21	-6.2	SSW	6.2	72
3	30.21	-5.8	SSW	6.4	72
4	30.19	-6.6	SSW	5.3	73
5	30.2	-6.3	SSW	8.2	71
6	30.19	-5.4	SW	9.6	70
7	30.21	-6.1	SW	6	70
8	30.18	-3	SW	12.5	67
9	30.19	1.8	WSW	10.9	56
10	30.16	4.3	WSW	7.8	54
11	30.18	5.4	WSW	7.3	52
12	30.17	5.2	W	6	54
13	30.17	6.6	NW	8.5	53
14	30.16	7.6	W	3.5	48
15	30.17	7.2	WSW	4.9	51
16	30.18	7.2	WSW	0	54
17	30.18	5.1	W	0	57
18	30.2	0	W	0	67
19	30.21	-0.8	SSE	2.9	74
20	30.21	-0.1	SSE	0	78
21	30.21	-0.4	SSE	0	78
22	30.2	-2.3	S	2.9	77
23	30.19	-1.8	S	0	79
<u>Avg</u>	<u>30.192</u>	<u>-0.213</u>		<u>5.017</u>	<u>65.375</u>

Weather Data for
4-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.18	-1.6	S	3.8	80
1	30.18	-2.5	S	6.2	80
2	30.17	-1.6	S	6.2	81
3	30.16	-2	S	6.7	79
4	30.15	-1.7	S	8.2	80
5	30.15	-2.1	S	6.7	80
6	30.15	-2.2	SSW	6.9	79
7	30.16	-1	SSW	7.1	77
8	30.16	1	SW	7.1	71
9	30.16	5.5	SW	5.3	57
10	30.16	8	SW	10	48
11	30.14	9.7	SW	9.3	44
12	30.11	9.7	S	8.9	45
13	30.1	10.7	SW	4.4	44
14	30.07	11.2	SSW	4	44
15	30.07	12.5	SE	4.6	44
16	30.07	12.3	SSE	5.5	44
17	30.07	8.5	S	7.6	52
18	30.09	5.8	S	7.8	64
19	30.1	4	S	6.2	67
20	30.1	4.2	SSW	4.9	64
21	30.11	3.4	SSW	6.2	69
22	30.11	4	SW	5.8	65
23	30.1	2.7	SSW	7.1	69
<u>Avg</u>	<u>30.126</u>	<u>4.104</u>		<u>6.521</u>	<u>63.625</u>

Weather Data for
5-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.1	2.2	SSW	6.2	69
1	30.09	1.1	SSW	5.5	72
2	30.11	2.4	SSW	9.1	71
3	30.1	1.2	S	9.3	70
4	30.1	1.2	SSW	6.4	73
5	30.09	1.8	S	13.4	70
6	30.08	1.6	S	10	70
7	30.09	0.7	S	9.6	70
8	30.09	1.2	SSE	8.2	71
9	30.06	3.3	SSE	11.4	64
10	30.06	6.8	SSE	12	55
11	30.03	8.6	S	13.8	52
12	30.01	9.2	S	12.5	50
13	29.98	8.5	SSE	8.9	52
14	29.94	11.1	SSE	10.7	47
15	29.93	11	S	12	46
16	29.93	10.5	SSE	10	48
17	29.93	6.5	S	17.2	55
18	29.91	4.2	SSE	15.6	64
19	29.93	4.3	SSE	12.3	64
20	29.93	3.2	S	14.3	67
21	29.93	4	S	20.5	64
22	29.92	3.8	S	16.1	64
23	29.92	3.8	S	16.1	64
<u>Avg</u>	<u>30.011</u>	<u>4.675</u>		<u>11.713</u>	<u>62.167</u>

Weather Data for
6-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.94	3.7	SSE	10	64
1	29.94	3.5	S	12	65
2	29.94	3.6	S	12.3	65
3	29.95	3.1	S	12.5	67
4	29.96	3.7	SSE	8.2	65
5	29.96	2.9	SSE	8.7	68
6	29.97	2.8	S	7.3	68
7	29.98	2.5	S	6.9	69
8	29.98	3.6	SW	7.1	65
9	30.04	3.2	S	6	67
10	30.04	3.7	SW	6.9	73
11	30.04	3.5	SSW	4	80
12	30.02	4	SE	5.8	82
13	30	3.6	SSE	6.2	84
14	29.98	3.6	SSE	6.4	84
15	29.98	3.5	SSE	2	85
16	29.98	3.4	SSE	6.4	87
17	30	3.5	SSW	6.2	87
18	30.02	3.2	SSW	0	88
19	30.03	3	SW	0	89
20	30.03	0.3	NNE	4.4	87
21	30.04	-0.3	NNE	7.3	86
22	30.03	-0.9	NNE	6.7	86
23	30.03	-1.4	N	9.3	86
<u>Avg</u>	<u>29.995</u>	<u>2.721</u>		<u>6.775</u>	<u>76.958</u>

Weather Data for
7-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.02	-1.8	NNW	4	85
1	30.01	-2.5	NW	6	83
2	30.01	-2.9	NNW	4	81
3	30.01	-3.9	NNW	8	80
4	30.02	-4.8	NNW	4	78
5	30.02	-5.5	N	5	78
6	30.03	-6.2	N	11	78
7	30.03	-6.7	NNE	8	77
8	30.04	-6.7	N	4	75
9	30.06	-6.5	NNW	8	72
10	30.08	-5.7	NNW	8	67
11	30.09	-5.5	NNW	8	61
12	30.08	-5	NNW	8	57
13	30.07	-4.9	NNW	8	56
14	30.07	-5.3	N	9	54
15	30.07	-5.6	N	9	52
16	30.07	-4.9	N	9	54
17	30.08	-8.3	N	9	57
18	30.11	-9.7	N	9	61
19	30.11	-10.6	NNW	4	63
20	30.12	-10.7	NNW	11	62
21	30.11	-10.9	N	6	61
22	30.11	-11.3	N	4	61
23	30.12	-11.9	NNW	4	61
Avg	<u>30.064</u>	<u>-6.575</u>		<u>7.000</u>	<u>67.250</u>

Weather Data for
8-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.13	-12.2	N	3	62
1	30.13	-12.5	NW	4	64
2	30.12	-12.2	NW	5	65
3	30.13	-13.3	N	6	65
4	30.14	-12	WNW	4	68
5	30.12	-12.2	NNW	4	67
6	30.12	-9.3	N	7	70
7	30.14	-8.6	N	6	69
8	30.16	-8.3	NW	7	69
9	30.16	-6.9	N	3	66
10	30.17	-3.2	N	7	57
11	30.16	-2.6	N	2	54
12	30.12	0.1	NNW	4.4	57
13	30.11	-0.8	N	2.4	47
14	30.09	0.3	NNE	2.4	50
15	30.08	-2.4	NNE	3.8	53
16	30.09	-3.9	NE	6	59
17	30.09	-4.5	NE	0.8	63
18	30.1	-4.8	NE	0	66
19	30.1	-4.8	NE	0.6	68
20	30.08	-5.2	NE	1.3	70
21	30.06	-5.6	NE	2.9	73
22	30.06	-5.7	NNE	2.6	75
23	30.05	-6.1	S	2	75
<u>Avg</u>	<u>30.113</u>	<u>-6.529</u>		<u>3.633</u>	<u>63.833</u>

Weather Data for
9-Feb-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.05	-6.3	N	5.1	75
1	30.05	-6.6	N	6.2	75
2	30.04	-6.9	N	4	75
3	30.03	-7.3	N	5.5	74
4	30.02	-8.2	N	6.9	74
5	30.03	-9.2	N	5.1	73
6	30.02	-9.5	N	2.4	73
7	30.03	-9.3	N	5.5	73
8	30.05	-8.1	NNW	4.2	73
9	30.04	-5.7	NW	3.3	69
10	30.04	-2.8	WNW	7.1	55
11	30.05	-2.9	NW	4.6	53
12	30.03	-2.8	WNW	6.9	50
13	30.02	-2.7	W	4.6	47
14	30.01	-2.6	NW	7.6	46
15	30.02	-1.9	WNW	5.5	46
16	30.03	-4.6	WNW	6.9	45
17	30.04	-9.2	WNW	6.4	47
18	30.07	-12.7	W	6.4	57
19	30.08	-14.7	WNW	2.6	57
20	30.08	-14.9	NW	6	60
21	30.2	-15.9	WNW	5.5	60
22	30.11	-16.3	WNW	5.5	60
23	30.12	-17.9	WNW	4.6	59
Avg	<u>30.053</u>	<u>-8.292</u>		<u>5.350</u>	<u>61.500</u>

Weather Data for
10-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.13	-18.3	WNW	0	57
1	30.13	-18.9	WNW	3	55
2	30.14	-18.7	W	9	56
3	30.14	-17.9	W	6	57
4	30.15	-17.6	WNW	4	58
5	30.17	-17.8	W	3	58
6	30.19	-17.9	W	4	57
7	30.19	-17.8	NW	7.3	58
8	30.2	-12.2	WNW	4.2	62
9	30.22	-7.6	WNW	0.8	47
10	30.25	-5.3	WNW	0	19
11	30.25	-2.9	WSW	0	19
12	30.24	-1.8	SW	0	19
13	30.21	-3.5	WSW	3.1	19
14	30.18	-2.8	SW	2	30
15	30.18	-4.8	SW	0	34
16	30.17	-5.7	SW	5.5	44
17	30.16	-7.6	SSW	5.8	53
18	30.14	-8.8	SSW	6.7	57
19	30.11	-10	S	10	61
20	30.11	-9.9	SSW	4.2	63
21	30.08	-10.4	S	7.1	63
22	30.05	-7.6	SSW	4.9	64
23	30.06	-6.2	SW	8.2	62
<u>Avg</u>	<u>30.160</u>	<u>-10.500</u>		<u>4.117</u>	<u>48.833</u>

Weather Data for
11-Feb-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.06	-6.8	W	4.6	63
1	30.04	-7.4	WNW	2	65
2	30.05	-7.6	W	3.5	66
3	30.06	-9.3	WNW	1.7	66
4	30.06	-10.8	WNW	1.3	67
5	30.08	-7.2	W	6	74
6	30.08	-7.8	WNW	3.5	71
7	30.09	-8.4	W	3.3	71
8	30.1	-2.2	W	3.8	66
9	30.09	3.2	WNW	3.8	38
10	30.09	2.5	SW	0	41
11	30.1	2.7	WSW	6.4	43
12	30.07	3.1	W	8	46
13	30.06	3.6	WSW	7.8	48
14	30.03	4.6	WSW	9.3	47
15	30	3.1	SW	5	67
16	29.98	4	SW	6	66
17	29.95	3.8	SSW	6.4	50
18	29.94	0.4	SSW	6.9	61
19	29.94	-0.6	SSW	6.2	65
20	29.93	-1.2	SW	7.8	64
21	29.92	-1.6	SW	5.8	62
22	29.9	-1.2	WSW	4.6	61
23	29.89	-2.2	WSW	4.9	63
<u>Avg</u>	<u>30.021</u>	<u>-1.804</u>		<u>4.942</u>	<u>59.625</u>

Weather Data for
12-Feb-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.86	-1.9	SW	8.2	65
1	29.85	-2.3	SW	4.9	65
2	29.85	-2.4	SW	4.4	66
3	29.84	-5	NNE	0	68
4	29.83	-6.1	W	0	70
5	29.84	-6	SW	3.1	72
6	29.86	-6.5	SW	2	73
7	29.85	-6.6	N	2.9	74
8	29.85	-0.3	WNW	0	77
9	29.84	7.8	WNW	0	48
10	29.84	13.6	WNW	0	35
11	29.83	11.1	SSW	2	35
12	29.82	11.8	S	5.8	36
13	29.8	12.5	SSE	3.3	37
14	29.78	13.7	ENE	2.6	38
15	29.79	7.4	S	6.4	58
16	29.77	6.1	SE	6.2	68
17	29.75	5.2	ESE	2	68
18	29.75	4.8	ESE	2	71
19	29.75	4.7	ESE	4	75
20	29.74	4.2	ESE	6	79
21	29.72	4	ESE	5	81
22	29.73	3.5	E	2	82
23	29.71	3.6	ESE	7	83
<u>Avg</u>	<u>29.802</u>	<u>3.204</u>		<u>3.325</u>	<u>63.500</u>

Weather Data for
13-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.69	4	E	3	81
1	29.67	4.2	ESE	3	79
2	29.65	3.9	ESE	2	80
3	29.62	3.8	ESE	11	83
4	29.6	3.8	E	8	84
5	29.59	3.3	E	5	87
6	29.58	3.6	ESE	18	89
7	29.56	3.3	SE	4	89
8	29.55	3.2	E	4	90
9	29.56	3.4	E	10	91
10	29.54	3.5	E	11	91
11	29.53	3.6	ESE	14	91
12	29.51	3.9	ESE	11	91
13	29.48	3.8	ENE	6	91
14	29.46	4	ESE	3	91
15	29.46	3.9	E	6	91
16	29.45	3.8	ESE	4	92
17	29.44	3.8	E	6	92
18	29.45	3.6	E	5	92
19	29.44	3.2	E	5	92
20	29.45	2.9	E	2	91
21	29.44	2.9	ENE	2	92
22	29.43	2.7	ENE	5	91
23	29.42	2.4	ENE	0	91
<u>Avg</u>	<u>29.524</u>	<u>3.521</u>		<u>6.167</u>	<u>88.833</u>

Weather Data for
14-Feb-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.42	2.2	NNW	2	91
1	29.44	1.9	NW	0	92
2	29.45	1.7	NW	5	92
3	29.47	1.4	WNW	9	92
4	29.49	1.4	WNW	13	92
5	29.52	1.2	NW	13	91
6	29.56	1.3	NW	11	87
7	29.61	1.4	WNW	6	84
8	29.64	1.4	WNW	19	86
9	29.65	1.7	WNW	12	86
10	29.66	2.1	WNW	0	85
11	29.67	2.9	W	9	87
12	29.68	3.7	WNW	13	86
13	29.68	5	W	10	80
14	29.68	7.4	W	13	75
15	29.69	8.9	W	10	73
16	29.7	9.7	WSW	7	72
17	30.16	9.5	SW	1	75
18	30.15	7.8	SW	1	78
19	30.19	6.1	SW	0	84
20	30.21	6.1	SW	0	85
21	30.22	4.3	SW	0	87
22	30.24	6.1	N	6	85
23	30.25	5.7	NNW	2	80
<u>Avg</u>	<u>29.768</u>	<u>4.204</u>		<u>6.750</u>	<u>84.375</u>

Weather Data for
15-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.81	3.2	NNE	6.4	88
1	29.82	2.7	NE	12	87
2	29.84	1.7	NNE	4.4	85
3	29.85	0.8	NNE	6	80
4	29.85	0.4	NNE	12.7	80
5	29.85	-0.2	NNE	6.4	81
6	29.86	-0.5	NE	3.3	83
7	29.88	-0.5	NE	2.2	82
8	29.9	-0.3	NNE	6.7	78
9	29.94	0.2	NNE	6.7	76
10	29.94	3.1	NNE	12.9	71
11	29.96	0.5	NNE	7.1	62
12	29.96	1	NNE	13.6	59
13	29.94	1.1	NNW	7.1	61
14	29.93	1.1	N	11.8	60
15	29.95	1	N	6	62
16	29.96	1	NNW	7.6	62
17	29.97	-0.3	NNW	6.7	69
18	30	-1.2	NNW	5.8	74
19	30.01	-1.5	NNW	6	77
20	30.04	-1.3	NNW	8.9	77
					75
21	30.05	-1.8	NNW	7.8	74
22	30.04	-2.3	NNW	6.9	72
23	30.06	-0.6	NW	3	75
<u>Avg</u>	<u>29.934</u>	<u>0.304</u>		<u>7.417</u>	<u>74.000</u>

Weather Data for
16-Feb-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.06	-2.5	WNW	5	78
1	30.06	-2.9	WNW	3	77
2	30.06	-3.1	W	5	79
3	30.06	-3.5	W	4	78
4	30.05	-3.2	W	4	82
5	30.05	-2.2	W	6	82
6	30.06	-3.3	NW	17	56
7	30.08	-4.3	WNW	9	60
8	30.09	-1.3	WNW	20.1	36
9	30.11	0.3	WNW	9.1	25
10	30.09	1.5	NW	19.6	28
11	30.09	1.5	NW	14.7	19
12	30.08	2.2	WNW	15.4	19
13	30.07	2.2	NNW	20.1	30
14	30.06	0.1	NW	5.8	40
15	30.07	-1.4	NW	7.8	46
16	30.06	-1.6	WNW	8	51
17	30.05	-2.1	WNW	2	55
18	30.06	-1.8	NNW	9.6	57
19	30.08	-3.1	NW	12	59
20	30.08	-5.3	NW	12	57
21	30.08	-5.3	NW	12	57
22	30.1	-6.7	N	13.6	64
23	30.11	-8.2	N	11.6	62
<u>Avg</u>	<u>30.073</u>	<u>-2.250</u>		<u>10.267</u>	<u>54.042</u>

Weather Data for
17-Feb-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.12	-9.1	NW	11.4	56
1	30.13	-10.2	NNW	16.1	55
2	30.13	-10.1	NNW	14.9	50
3	30.13	-11.8	NW	7.1	55
4	30.13	-12.2	NW	2	57
5	30.13	-13.2	W	7	61
6	30.17	-13	W	3	63
7	30.16	-12.5	WSW	5.3	65
8	30.16	-7.8	WNW	11.4	57
9	30.17	-17	WNW	12.3	38
10	30.16	0.7	WNW	13.4	19
11	30.16	1.5	WNW	15.8	19
12	30.13	1.1	NW	15.6	19
13	30.11	1.6	NW	13.1	19
14	30.1	1.5	NW	8.7	19
15	30.1	1.8	WNW	6.7	19
16	30.09	-0.7	NW	5	42
17	30.09	-0.8	NW	6	44
18	30.11	-4.8	N	6	45
19	30.14	-5.9	N	5.3	53
20	30.15	-6.9	NNE	6.7	56
21	30.17	-7.6	NNE	6.7	63
22	30.19	-7.9	NNE	7.6	63
23	30.2	-9.2	NE	6.4	59
<u>Avg</u>	<u>30.139</u>	<u>-6.354</u>		<u>8.896</u>	<u>45.667</u>

Weather Data for
18-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.23	-10.6	NE	4.9	55
1	30.24	-11.6	NE	5.8	55
2	30.25	-12.8	NNE	4.6	54
3	30.25	-13.6	NE	2	51
4	30.26	-15.5	NNE	1.3	53
5	30.27	-16.6	NNE	4.4	56
6	30.29	-17.5	NE	0	57
7	30.29	-17.6	NE	0	59
8	30.32	-6.3	NE	0	53
9	30.32	-2.8	W	1.5	19
10	30.31	-4.1	W	4	19
11	30.31	-3.3	WSW	3.3	19
12	30.28	-2.9	NW	5.1	19
13	30.26	-3.2	WNW	4.2	19
14	30.23	-1.7	WNW	6.7	19
15	30.21	-1.7	W	6.7	30
16	30.2	-1.3	WSW	6.9	40
17	30.18	-0.6	W	4.6	42
18	30.17	-0.8	SW	6	60
19	30.17	-1.8	SSW	6	66
20	30.16	-2.3	SSW	7	70
21	30.17	-2.5	SW	7	71
22	30.16	-2.8	SW	6	71
23	30.16	-2.8	SW	7	70
<u>Avg</u>	<u>30.237</u>	<u>-6.529</u>		<u>4.375</u>	<u>46.958</u>

Weather Data for
19-Feb-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.15	-3.2	SW	10	70
1	30.15	-3.2	SW	8	70
2	30.15	-2.7	W	3	69
3	30.14	-2.6	W	2	68
4	30.14	-3.6	W	0	68
5	30.15	-4.7	W	0	74
6	30.15	-4.9	W	0	76
7	30.15	-4.5	W	2	78
8	30.16	-3.6	W	3	78
9	30.17	-2.1	SE	2	75
10	30.16	-0.8	ESE	2	67
11	30.15	0.4	ESE	2	63
12	30.13	0.9	ESE	5	63
13	30.1	1.1	ESE	3	64
14	30.06	1.8	E	5	60
15	30.03	2.1	ESE	7	57
16	30.03	1.8	E	5	60
17	30.01	-0.7	ESE	8.5	71
18	30.01	-1.5	ESE	9.6	78
19	30.01	-1.6	SE	9.3	79
20	29.99	-1.7	SE	8.5	80
21	29.99	-1.6	SE	7.6	82
22	29.96	-1.2	SE	12.5	83
23	29.93	-1.2	SSE	12.3	84
<u>Avg</u>	<u>30.086</u>	<u>-1.554</u>		<u>5.304</u>	<u>71.542</u>

Weather Data for
20-Feb-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.92	-0.9	SSE	11.1	84
1	29.9	-0.9	SE	14	85
2	29.85	-0.8	SE	7	86
3	29.84	-0.9	SE	10	86
4	29.81	-0.8	SE	10	86
5	29.78	-0.8	SSE	11	87
6	29.78	-0.8	SE	11	87
7	29.74	-0.8	ESE	2	87
8	29.73	-0.8	SE	1	87
9	29.71	-0.6	E	5	88
10	29.69	-0.5	ESE	1	88
11	29.63	-0.1	SSE	0	89
12	29.67	0.4	E	0	89
13	29.65	0.8	NE	1.1	88
14	29.64	1.1	NNE	2.4	86
15	29.65	2.1	NNW	0	84
16	29.67	1.5	NW	0.6	84
17	29.7	1.8	WNW	5	91
18	29.72	1.6	WNW	2	91
19	29.75	1.6	W	4	92
20	29.77	1.8	NW	13	91
21	29.8	1.8	WNW	5	88
22	29.83	1.4	NW	8	84
23	29.84	0.2	NW	4	85
<u>Avg</u>	<u>29.753</u>	<u>0.308</u>		<u>5.342</u>	<u>87.208</u>

Weather Data for
21-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.85	-0.8	N	7.8	85
1	29.87	-1.9	NNW	8.2	84
2	29.88	-2.8	N	7.8	83
3	29.89	-3.4	NW	10.7	82
4	29.9	-4.5	NNW	6.9	80
5	29.93	-4.9	NW	6.9	79
6	29.96	-6.8	NNW	6	76
7	29.98	-7.3	NNW	6	77
8	29.97	-2.8	NNW	12.7	69
9	29.99	-3.3	NNW	10.7	64
10	30	-3	NNW	8.2	61
11	30	3.1	NNW	9.3	49
12	30	0.1	NW	4.6	51
13	29.98	1.5	NW	4.4	45
14	29.97	2.3	NNW	6.2	46
15	29.98	1.7	NW	2	50
16	29.98	0.1	NNW	2.9	54
17	29.98	-1.6	NNW	3.5	57
18	29.99	-1.9	NNW	5.1	61
19	30.04	-3.1	NW	4.4	68
20	30.04	-3.6	N	5.8	74
21	30.04	-4.4	NNW	6	78
22	30.05	-4.3	NNW	6	78
23	30.06	-4.8	NNW	2	76
<u>Avg</u>	<u>29.972</u>	<u>-2.350</u>		<u>6.421</u>	<u>67.792</u>

Weather Data for
22-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.07	-5.1	NNW	6.2	76
1	30.07	-5.1	NNW	5.5	75
2	30.08	-5.2	N	7.1	76
3	30.09	-5.6	NNW	5.5	73
4	30.08	-7.8	NNW	4.6	71
5	30.11	-10.8	NW	3.3	71
6	30.14	-9.9	NW	1.7	74
7	30.16	-8.1	NW	1.7	76
8	30.18	-6.3	W	1.7	76
9	30.19	-4	WNW	5.3	72
10	30.19	1.3	NW	6	60
11	30.2	0.2	W	3.3	61
12	30.2	4.2	NW	6.9	55
13	30.19	3.4	NNW	10.2	57
14	30.18	6.2	W	4.6	45
15	30.17	4.8	WNW	5.1	47
16	30.18	1.8	NE	4.6	60
17	30.2	1.2	NE	3.8	62
18	30.22	-0.4	NE	4.6	68
19	30.24	-0.8	ESE	1.3	70
20	30.24	-1.6	ENE	1.7	70
21	30.24	-2.8	NNE	3.3	75
22	30.25	-4.5	NE	2.2	76
23	30.25	-5.6	NE	0	77
<u>Avg</u>	<u>30.172</u>	<u>-2.521</u>		<u>4.175</u>	<u>67.625</u>

Weather Data for
23-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.24	-5.3	NE	3.5	79
1	30.25	-6.5	NNE	5.3	78
2	30.24	-6.6	NE	4.2	78
3	30.26	-7.3	NE	4.2	77
4	30.25	-7.4	NE	3.8	78
5	30.25	-6.3	ENE	2.9	76
6	30.26	-6.2	ENE	0.8	75
7	30.24	-8.3	ENE	2.2	74
8	30.25	-0.5	ENE	5.1	66
9	30.26	4.2	ENE	0	45
10	30.24	7.5	NW	3.5	36
11	30.24	4.8	NNW	7.6	30
12	30.22	4.7	NNW	8	30
13	30.19	2.1	N	10	41
14	30.17	5.1	N	4.2	19
15	30.15	5.9	NNW	8.2	19
16	30.14	4.8	NW	2.4	19
17	30.13	2.4	N	5.3	19
18	30.13	-3.6	NNE	1.7	43
19	30.12	-5.9	NE	3.1	55
20	30.12	-6.9	NE	0.6	61
21	30.13	-7.4	NE	3.3	64
22	30.12	-6	NE	0	64
23	30.11	-5.7	NE	3.1	63
<u>Avg</u>	<u>30.196</u>	<u>-2.017</u>		<u>3.875</u>	<u>53.708</u>

Weather Data for
24-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.11	-5.9	NE	2.6	64
1	30.1	-6.1	NE	5.1	65
2	30.1	-6.4	NNE	2.2	64
3	30.08	-6.8	NE	4.2	65
4	30.06	-7.5	ENE	3.3	66
5	30.07	-6.8	NNE	0	67
6	30.06	-6.9	NNE	0	67
7	30.07	-7.5	NE	4.9	69
8	30.08	0.2	NE	0	55
9	30.08	0.2	NE	3.5	49
10	30.07	7.7	N	4.9	19
11	30.08	8.2	ENE	2.4	19
12	30.06	8.8	NNE	5.8	19
13	30.05	8.4	NNW	3.8	19
14	30.04	8	W	0	19
15	30.03	6.4	WNW	2	19
16	30.02	4.2	W	4.9	40
17	30.02	1.3	W	8.9	55
18	30.03	-0.3	WNW	6.7	66
19	30.04	-0.9	W	5.3	69
20	30.04	-0.8	WSW	6.4	62
21	30.03	-1.1	WSW	5.5	63
22	30.03	-1.2	WSW	6.2	68
23	29.99	-1.2	SW	5.8	70
<u>Avg</u>	<u>30.056</u>	<u>-0.250</u>		<u>3.933</u>	<u>51.583</u>

Weather Data for
25-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.98	-1.2	SW	6	69
1	29.98	-1.4	WSW	11.6	67
2	29.98	-2	W	5.3	65
3	29.97	-3.7	WSW	4.6	70
4	29.96	-5.5	WSW	3.1	72
5	29.94	-5.5	SSW	4.2	76
6	29.93	-5.6	SSE	4.9	79
7	29.92	-5.4	SSE	7.1	80
8	29.92	-1.2	SSW	9.3	71
9	29.93	1.9	WSW	6	57
10	29.93	4.8	NNW	6.7	48
11	29.94	8.5	NW	6.4	39
12	29.96	10.1	N	7.6	39
13	29.95	10.4	WNW	9.3	39
14	29.95	11.1	NW	6.7	37
15	29.97	10.1	NNW	7.3	37
16	29.98	7.1	NNW	14.3	44
17	30.02	1.6	N	6.4	56
18	30.05	-2	N	5.3	67
19	30.06	-3.4	N	6.9	74
20	30.07	-4.8	N	8.5	76
21	30.1	-5.2	NNE	5.8	77
22	30.11	-5.7	N	6.7	77
23	30.12	-6.7	NNE	4.6	77
<u>Avg</u>	<u>29.988</u>	<u>0.263</u>		<u>6.858</u>	<u>62.208</u>

Weather Data for
26-Feb-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.13	-6.9	NE	5.5	78
1	30.13	-7.2	NE	6.4	79
2	30.14	-7.4	NE	3.1	79
3	30.14	-7.6	NE	6.2	79
4	30.16	-7.9	ENE	4.4	78
5	30.16	-7.8	ENE	5.5	78
6	30.17	-7.8	ENE	5.1	77
7	30.19	-4.5	SE	6.7	73
8	30.2	-0.3	SE	12	56
9	30.19	2.4	ESE	9.3	51
10	30.19	3.3	SSE	11.4	48
11	30.19	4.9	S	10.2	47
12	30.16	4.8	S	9.3	50
13	30.12	5.4	SSE	14.3	47
14	30.11	6.4	SE	9.3	46
15	30.09	5.8	SE	10.9	46
16	30.08	4.1	SE	9.3	51
17	30.08	1.7	SE	10	58
18	30.07	0.8	SSE	7.6	61
19	30.07	0.5	ESE	9.1	61
20	30.06	0.1	SSE	12.9	64
21	30.04	-0.3	SE	6.2	67
22	30.03	-0.6	SE	14	68
23	30.02	-0.8	SSE	7.8	70
<u>Avg</u>	<u>30.122</u>	<u>-0.788</u>		<u>8.604</u>	<u>63.000</u>

Weather Data for
27-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.99	-0.9	SE	10	70
1	29.99	-0.9	SSE	10.5	69
2	29.98	-1.2	SSE	11.1	70
3	29.95	-1	SSE	16.1	70
4	29.92	-1.3	SSE	17.8	70
5	29.91	-1.3	SSE	11.6	71
6	29.89	-1.4	S	14.9	73
7	29.89	-1.3	S	11.1	74
8	29.87	0.4	SSE	12	71
9	29.83	1.7	S	12	69
10	29.83	3.8	SSW	6	66
11	29.81	7.1	SW	7.6	58
12	29.77	7.3	WSW	6	59
13	29.77	5.2	WNW	6.2	68
14	29.77	2.1	NW	10.9	76
15	29.79	0.3	N	12.7	81
16	29.8	-1.6	NNW	16.1	79
17	29.82	-2.9	NNW	16.5	76
18	29.83	-4.2	NNW	15.2	75
19	29.82	-3.9	NNW	14.5	73
20	29.81	-3.9	NNW	10.5	70
21	29.81	-4.2	NNW	19.2	67
22	29.81	-4.5	NNW	17	67
23	29.8	-4.9	NNW	11.6	68
<u>Avg</u>	<u>29.853</u>	<u>-0.479</u>		<u>12.379</u>	<u>70.417</u>

Weather Data for
28-Feb-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.79	-5.3	NNW	14	68
1	29.78	-5.4	NNW	7.3	67
2	29.77	-5.7	NNW	10.5	66
3	29.75	-5.9	NNW	7.6	65
4	29.75	-5.8	NNW	7.8	66
5	29.75	-6	NNW	10.7	69
6	29.75	-6.5	NNW	10.5	70
7	29.75	-6.3	NNW	10.9	70
8	29.75	-5.5	NNW	14.9	70
9	29.75	-4.1	NNW	14	60
10	29.75	-5.1	NNW	15.4	55
11	28.75	-3.7	NNW	15.8	55
12	29.73	-3.8	NNW	9.1	50
13	29.72	-3.2	NNW	10.5	51
14	29.72	-4.2	WNW	18.1	52
15	29.73	-5	NNW	19.6	55
16	29.74	-5.7	NW	10.2	57
17	29.75	-6.6	NNW	14	59
18	29.77	-6.8	NW	12.5	59
19	29.78	-7.6	NNW	10.7	60
20	29.79	-8.1	NNW	10	64
21	29.8	-7.3	N	11.1	65
22	29.8	-7.2	NNW	20.1	65
23	29.8	-7	N	14.3	65
<u>Avg</u>	<u>29.718</u>	<u>-5.742</u>		<u>12.483</u>	<u>61.792</u>

Weather Data for
1-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.82	-8.8	NNW	12	65
1	29.83	-9.4	NW	12.3	66
2	29.84	-9.8	NNW	8	66
3	29.85	-10.9	NNW	10.9	65
4	29.87	-11.7	NNW	6.4	65
5	29.9	-12.3	NW	5.3	65
6	29.91	-12.6	NNW	7.3	65
7	29.93	-9.1	NNW	17	58
8	29.95	-5.9	NNW	16.3	48
9	29.96	-4.4	NNW	11.1	40
10	29.98	-1.7	NNW	8.9	28
11	29.98	0.4	NNE	8.7	19
12	29.97	0.3	N	10	19
13	29.96	1.1	NNW	12.3	19
14	29.96	1.7	N	11.1	19
15	29.95	1.6	NNW	9.3	19
16	29.95	0.3	NNW	9.6	19
17	29.96	-3.2	NNW	9.3	19
18	29.98	-7.8	NNW	6.2	46
19	29.98	-9.8	NNW	5.1	54
20	29.99	-10.7	NNW	4.9	58
21	30	-10.3	NNE	4.2	62
22	30	-10.4	NNE	2.4	62
23	30.01	-9.3	NE	2	61
<u>Avg</u>	<u>29.939</u>	<u>-6.363</u>		<u>8.775</u>	<u>46.125</u>

Weather Data for
2-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.01	-8.4	NE	2.4	59
1	30.02	-8.4	NE	1.1	58
2	30.01	-8.5	ENE	0	57
3	30.02	-9.2	ENE	0	58
4	30.03	-9.6	ENE	0	61
5	30.02	-9.6	ENE	0	63
6	30.03	-9.2	ENE	2.2	61
7	30.06	-7.8	ENE	7.6	59
8	30.06	-0.9	E	7.3	19
9	30.07	-2.3	E	5.8	19
10	30.07	2.8	ENE	9.1	19
11	30.06	3.2	ESE	7.1	19
12	30.05	3.7	ENE	4.2	19
13	30.03	4.2	ENE	6.4	19
14	30.02	5.2	SE	6	19
15	30	4.8	SE	10	19
16	30.01	3.6	ESE	6.2	19
17	30.03	0.3	ENE	4.2	19
18	30.04	-5.4	ENE	6	21
19	30.05	-6.2	E	6.9	38
20	30.06	-6.9	E	6.4	42
21	30.07	-7.7	ENE	5.8	46
22	30.07	-8.6	ENE	0	46
23	30.08	-8.9	ESE	5.5	48
<u>Avg</u>	<u>30.040</u>	<u>-3.742</u>		<u>4.592</u>	<u>37.792</u>

Weather Data for
3-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.08	-8.8	ESE	6.2	45
1	30.08	-8.3	SE	6.4	45
2	30.08	-9.2	ESE	5.1	42
3	30.08	-9.3	ESE	4.2	45
4	30.08	-9.3	SE	6	48
5	30.07	-9.8	SE	6.2	52
6	30.08	-10.2	S	6.4	54
7	30.09	-6.8	SE	88.9	47
8	30.08	-3.2	SSE	9.6	38
9	30.08	-0.7	S	10.7	26
10	30.06	2.1	SSE	9.3	19
11	30.04	3.7	SE	6.2	19
12	30.01	5.2	SE	8.7	19
13	29.97	6.3	SSE	5.8	19
14	29.95	7.2	SSE	10.9	19
15	29.94	6.1	SSE	9.3	19
16	29.93	4.7	SSE	6.2	19
17	29.91	2.4	SE	3.3	37
18	29.92	-0.7	SE	3.3	40
19	29.93	-2.5	SE	6.2	46
20	29.9	-2.5	SE	5.1	50
21	29.9	-2.3	SE	7.6	50
22	29.88	-2.7	SE	4.9	51
23	29.88	-5.2	SE	0.8	51
<u>Avg</u>	<u>30.001</u>	<u>-2.242</u>		<u>9.888</u>	<u>37.500</u>

Weather Data for
4-Mar-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.86	-7.3	SE	0	58
1	29.85	-8.6	SE	0	62
2	29.83	-7.5	SSE	4	66
3	29.81	-7.3	S	6.2	67
4	29.8	-6.2	S	6	65
5	29.79	-5.9	S	6.7	65
6	29.78	-5.4	S	6.9	65
7	29.78	-3.3	S	6.2	65
8	29.76	2.2	S	8	56
9	29.74	5.1	SW	7.6	53
10	29.73	8.6	SSW	10.5	43
11	29.71	10.7	WNW	11.4	35
12	29.7	11.1	WNW	14.9	37
13	29.7	13.9	NNW	13.4	31
14	29.7	12.4	NW	15.6	38
15	29.72	13.6	NW	17.4	37
16	29.75	11	NW	15.2	45
17	29.78	6.7	NNW	10.7	56
18	29.83	3.6	NW	14	66
19	29.85	2.2	NNW	14.5	69
20	29.87	1.5	NNW	12.5	71
21	29.89	2.2	NNW	10.5	70
22	29.9	1.4	NNW	8.5	71
23	29.91	1.2	NNW	7.1	72
<u>Avg</u>	<u>29.793</u>	<u>2.329</u>		<u>9.492</u>	<u>64.92</u>

Weather Data for
5-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.93	0.5	NNW	16.1	73
1	29.95	0.1	NW	8.2	75
2	29.96	0	NNW	7.8	76
3	29.98	-1.5	NNW	8.9	78
4	30.01	-1.4	NNW	6.2	78
5	30.04	-2.8	NNW	6.9	79
6	30.06	-4	NNW	9.3	81
7	30.08	-0.1	NNW	5.8	81
8	30.11	3.8	N	10	61
9	30.12	8	NW	6.2	48
10	30.14	10.7	NW	7.6	40
11	30.14	8.8	W	6.2	40
12	30.12	11.1	NW	6.2	39
13	30.09	10.7	W	9.3	40
14	30.07	10.2	W	5.5	41
15	30.06	11.5	NW	7.3	36
16	30.05	10.5	NNW	8.7	42
17	30.04	6.1	NNW	5.3	51
18	30.02	-0.4	WSW	0	62
19	30.01	-2.5	WSW	1.1	69
20	30	-1.7	SSW	5.3	78
21	29.99	-1.8	SSW	5.1	80
22	29.95	-0.3	SSW	6	74
23	29.93	0.4	WSW	7.6	71
<u>Avg</u>	<u>30.035</u>	<u>3.163</u>		<u>6.942</u>	<u>62.208</u>

Weather Data for
6-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.9	1.3	WSW	8	66
1	29.86	2.6	WSW	12.7	61
2	29.86	3	WSW	6.2	59
3	29.85	3.4	SW	13.4	57
4	29.84	3.1	WSW	10.5	58
5	29.83	2.8	WSW	9.3	58
6	29.83	0.1	N	6.7	61
7	29.82	5.3	W	2.6	53
8	29.8	9.4	WSW	8.2	44
9	29.77	13.2	WSW	14	38
10	29.73	16.7	WSW	15.4	32
11	29.7	19.5	WSW	17.8	26
12	29.65	21.2	WSW	13.4	19
13	29.61	22.4	WSW	14	19
14	29.57	22.9	WSW	10	19
15	29.53	21.8	WSW	17	19
16	29.5	20.5	SW	18.3	22
17	29.48	16.8	SSW	6.4	30
18	29.46	13.8	SW	8.2	37
19	29.44	14.1	SSW	10.5	39
20	29.41	13.8	SSW	8.5	42
21	29.36	11.8	SSW	12.5	49
22	29.33	11.2	SW	14.5	54
23	29.39	8.1	NW	6.2	87
<u>Avg</u>	<u>29.647</u>	<u>11.617</u>		<u>11.013</u>	<u>43.708</u>

Weather Data for
7-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.31	8.1	SE	6.4	96
1	29.32	5.2	SW	3.3	96
2	29.34	4.1	NW	6.4	93
3	29.36	237	NW	10	87
4	29.39	1.8	NW	17.2	86
5	29.42	0.7	NW	14.3	84
6	29.47	-0.6	NNW	17.4	85
7	29.49	-0.5	NNW	16.1	84
8	29.52	-0.4	NW	14.7	81
9	29.56	-0.7	NW	17.4	85
10	29.59	-1	NW	16.1	84
11	29.61	-1	NW	14.7	81
12	29.62	-1.2	NNW	16.3	66
13	29.64	-2.3	NW	12	65
14	29.66	-2.1	NNW	15.4	59
15	29.68	0.2	NNW	10.7	54
16	29.69	0.6	NNW	20.8	50
17	29.72	-1.9	NNW	14	60
18	29.74	-3.5	N	11.1	61
19	29.76	-2.9	NNW	14.9	63
20	29.76	-3.3	NNW	12.7	61
21	29.77	-3.5	NNW	7.6	62
22	29.77	-3.7	NNW	9.8	66
23	29.77	-4.8	NW	10.2	70
<u>Avg</u>	<u>29.582</u>	<u>9.346</u>		<u>12.896</u>	<u>74.125</u>

Weather Data for
8-Mar-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.77	-5.5	NNW	13.8	69
1	29.78	-5.9	NW	13.1	68
2	29.78	-6.6	NNW	15.6	70
3	29.8	-6.9	NW	9.6	72
4	29.82	-7.2	NW	9.1	74
5	29.85	-8.6	NW	6.2	74
6	29.85	-9.6	NW	11.4	78
7	29.88	-5.3	NNW	10.7	71
8	29.9	-1.5	N	14.7	46
9	29.9	1.1	NNW	8.7	19
10	29.9	2.2	NNW	6.2	19
11	29.91	3.1	NW	8.7	19
12	29.9	2.5	NE	6.7	19
13	29.9	1.8	NW	9.6	19
14	29.9	0.1	NW	5.8	19
15	29.91	0.1	NNW	7.1	19
16	29.9	1.4	NW	8.5	19
17	29.92	-1.6	NW	6.7	19
18	29.92	-5.9	NNW	4.2	54
19	29.93	-7.2	NNW	4.6	60
20	29.93	-8.2	NNW	5.3	67
21	29.93	-8.1	NNW	4.4	71
22	29.94	-8.9	N	3.8	72
23	29.93	-8.6	N	6	68
<u>Avg</u>	<u>29.881</u>	<u>-3.888</u>		<u>8.354</u>	<u>49.375</u>

Weather Data for
9-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.94	-9.5	NNW	6.4	70
1	29.96	-10.7	NNW	3.3	71
2	29.96	-11.8	N	0.8	74
3	29.97	-12.2	NNW	2.9	75
4	29.98	-13.3	NNW	4.9	77
5	30.02	-12.8	NNW	3.3	80
6	30.03	-13.5	NNW	2.2	78
7	30.05	-5.5	NNE	5.5	67
8	30.06	-2.8	N	8.9	36
9	30.07	-0.1	NNW	9.8	19
10	30.06	0.7	NNE	13.6	19
11	30.06	1.5	NW	6	19
12	30.03	2	N	8.7	19
13	29.99	2.8	NNW	9.1	19
14	29.98	3.8	NW	10.2	19
15	29.96	3.5	NNW	6.7	19
16	29.92	2.4	NNW	5.1	19
17	29.92	-1.8	NW	4	19
18	29.93	-6.8	NW	0	43
19	29.92	-8.1	WNW	0	55
20	29.9	-5.3	W	0	59
21	29.87	-5.3	SSW	0	60
22	29.83	-4.6	S	4.6	64
23	29.81	-4.5	SW	3.8	61
<u>Avg</u>	<u>29.968</u>	<u>-4.663</u>		<u>4.992</u>	<u>47.542</u>

Weather Data for
10-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.77	-4.2	S	8	61
1	29.74	-3.7	S	8	55
2	29.73	-3.4	SSW	7.6	32
3	29.67	-4.6	SSW	9.8	68
4	29.62	-5.4	S	12.5	84
5	29.56	-4.8	S	12	87
6	29.53	-4.2	SSW	12.9	89
7	29.51	-3.4	SW	10.9	90
8	29.46	0.4	WSW	11.6	82
9	29.45	2.7	WSW	11.8	76
10	29.45	3.3	WNW	13.6	77
11	29.46	4.3	NW	13.6	74
12	29.46	4.2	W	8	67
13	29.46	5.1	NW	12	64
14	29.44	5.1	W	12.9	68
15	29.46	5.2	NW	25.5	62
16	29.49	1.7	WNW	13.8	77
17	29.52	0.3	NW	18.5	76
18	29.57	-0.3	NW	13.8	80
19	29.59	-0.5	NW	13.4	82
20	29.61	-0.9	NW	13.6	85
21	29.64	-1.3	NNW	15.8	78
22	29.68	-1.7	N	9.8	72
23	29.7	-3.3	N	14.9	68
<u>Avg</u>	<u>29.565</u>	<u>-0.392</u>		<u>12.679</u>	<u>73.083</u>

Weather Data for
11-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.71	-2.7	NNW	13.6	71
1	29.72	-2.9	NW	12	76
2	29.72	-2.9	NNW	9.3	78
3	29.72	-4.6	WNW	8.5	76
4	29.71	-4.5	WNW	11.8	84
5	29.72	-3.5	WNW	6.7	81
6	29.71	-3.8	WNW	6.4	77
7	29.7	-3.5	WNW	13.8	72
8	29.71	0.2	NW	11.6	62
9	29.7	1.3	WNW	17	53
10	29.67	1.4	NW	10	47
11	29.63	4.8	NW	11.4	38
12	29.59	3.1	W	8.9	43
13	29.53	3.8	WSW	21.6	49
14	29.49	5.1	W	17.4	45
15	29.47	4.2	WNW	12.9	50
16	29.44	4	WSW	8.5	53
17	29.41	3.7	WNW	6.2	56
18	29.41	3.2	W	7.1	57
19	29.37	3.9	WNW	12.3	58
20	29.37	3.7	WNW	16.1	60
21	29.38	3.2	NNW	21.9	63
22	29.4	-0.3	NW	15.6	65
23	29.43	-3.6	NNW	19.9	60
<u>Avg</u>	<u>29.571</u>	<u>0.554</u>		<u>12.521</u>	<u>61.417</u>

Weather Data for
12-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.44	-5.9	N	18.1	56
1	29.47	-6.3	NNW	7.6	60
2	29.48	-7.7	NNW	10.5	57
3	29.49	-8.6	NNW	8	49
4	29.51	-9.1	NNW	4.9	52
5	29.52	-9.2	NNW	9.3	42
6	29.56	-9.2	NNW	6.4	41
7	29.54	-9.2	NNE	8.9	33
8	29.57	-8.9	NNE	6	32
9	29.59	-8.2	N	5.5	26
10	29.59	-6.8	NNE	4	19
11	29.61	-5.8	NE	3.3	29
12	29.63	-6.1	NNW	6.7	19
13	29.64	-4.9	NNW	6.2	19
14	29.65	-2.3	N	9.3	19
15	29.67	0.8	NNW	12.3	19
16	29.69	0.3	NW	11.6	19
17	29.68	-3.6	NNW	8.9	19
18	29.75	-5.3	NNW	8.2	49
19	29.76	-5.7	NW	10.5	53
20	29.78	-7.7	NNW	6.9	57
21	29.79	-8.9	NNW	7.3	67
22	29.82	-10.5	NNW	6.9	68
23	29.82	-12.2	NNW	5.8	72
<u>Avg</u>	<u>29.627</u>	<u>-6.708</u>		<u>8.046</u>	<u>40.667</u>

Weather Data for
13-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.84	-12	NW	4.6	74
1	29.86	-13.3	NNW	0	72
2	29.85	-14.5	NNW	3.5	72
3	29.86	-13.6	NNW	6.4	74
4	29.88	-14.2	NNW	4.4	73
5	29.9	-15.2	NW	6.2	72
6	29.92	-15	W	0	71
7	29.92	-9.2	NW	14.3	70
8	29.94	-5.3	NNW	10.9	51
9	29.94	0.2	NW	5.3	23
10	29.95	3.8	NW	0	19
11	29.94	2.1	WNW	4.4	19
12	29.93	3.3	NNW	5.8	19
13	29.9	2.7	NNW	6.7	19
14	29.89	3.4	W	5.5	19
15	29.9	3.4	WNW	11.8	19
16	29.9	0.7	WNW	7.3	30
17	29.91	-0.5	WNW	10	41
18	29.93	-1.3	W	6.9	50
19	29.94	-2.1	WNW	5.5	58
20	29.96	-2.6	W	2	62
21	29.97	-2.9	WNW	5.8	63
22	29.96	-3.5	NW	2.9	65
23	29.96	-3.5	NW	2	66
<u>Avg</u>	<u>29.915</u>	<u>-4.546</u>		<u>5.508</u>	<u>50.042</u>

Weather Data for
14-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.95	-5.6	WNW	7.6	66
1	29.96	-6.9	WNW	5.1	73
2	29.96	-7.4	WNW	2	77
3	29.98	-5.2	WNW	5.5	77
4	29.99	-6.9	NW	8.9	70
5	30.02	-9.3	NW	6.2	72
6	30.03	-11.2	NNW	6.2	76
7	30.04	-3.8	NNW	6.7	63
8	30.05	0.4	NW	5.1	45
9	30.06	2.6	N	5.1	21
10	30.07	0.7	WNW	7.3	19
11	30.06	0.5	NW	6.9	19
12	30.06	-0.5	WNW	7.1	19
13	30.05	1.3	NW	10.5	19
14	30.05	0.5	WNW	16.5	19
15	30.06	0.2	NW	9.1	31
16	30.06	0.1	NW	4.9	35
17	30.08	-2.6	NNW	7.3	44
18	30.08	-5.8	N	4.4	51
19	30.09	-7.1	NNW	3.3	56
20	30.1	-7.9	N	0	59
21	30.11	-9.5	NW	0	63
22	30.12	-10.2	ESE	0	65
23	30.12	-10.2	ESE	0	67
<u>Avg</u>	<u>30.048</u>	<u>-4.325</u>		<u>5.654</u>	<u>50.250</u>

Weather Data for
15-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.12	-11	ESE	0	69
1	30.14	-10.9	SE	0	73
2	30.13	-11.4	SE	0	73
3	30.13	-10.9	S	2.2	73
4	30.13	-11.6	S	0	73
5	30.14	-10.8	SSW	2.6	73
6	30.15	-9.7	SSW	3.3	72
7	30.16	-7.3	SSW	1.7	65
8	30.16	1.5	SW	4.6	49
9	30.16	5	SSW	6.4	19
10	30.14	6.6	WSW	10.2	19
11	30.12	7.6	SSW	12	19
12	30.09	8.1	WSW	13.4	19
13	30.07	9.2	WSW	6	19
14	30.05	9.1	WSW	16.3	19
15	30.05	8.4	WSW	7.3	19
16	30.05	7.7	W	3.5	19
17	30.04	7.2	SW	6.2	19
18	30.04	2.7	SSE	4.4	32
19	30.04	1.5	SE	5.5	37
20	30.04	0.8	SE	8	42
21	30.04	-0.1	SSE	7.1	46
22	30.03	-1.4	SSE	4.9	53
23	30	0.5	S	9.8	51
<u>Avg</u>	<u>30.093</u>	<u>-0.383</u>		<u>5.642</u>	<u>43.833</u>

Weather Data for
16-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30	1.2	SSW	8.5	53
1	29.98	1.7	SW	5.1	58
2	29.99	-0.2	W	5.3	56
3	29.99	-0.9	NW	3.6	62
4	30.02	-1.7	NW	6.4	67
5	30.03	-3.3	WNW	6	71
6	30.03	-3.2	NW	1.1	72
7	30.03	1.8	NW	0	60
8	30.05	7	NNW	3.8	19
9	30.05	10.2	NNW	7.8	19
10	30.04	11.2	NW	2.2	19
11	30.02	10.9	NNW	2.9	19
12	30	9.1	W	7.8	19
13	29.97	10.4	WSW	6.2	19
14	29.96	11.8	NW	7.8	19
15	29.95	10.8	NW	11.4	19
16	29.94	7.1	NNW	9.1	19
17	29.94	4.2	NNW	5.3	19
18	29.93	2.1	NNE	6.7	31
19	29.93	1.4	NE	4.2	39
20	29.92	1.1	NE	4.6	39
21	29.93	-0.1	NE	6	45
22	29.93	-0.9	NE	5.3	45
23	29.93	-0.8	NE	7.6	45
<u>Avg</u>	<u>29.982</u>	<u>3.788</u>		<u>5.613</u>	<u>38.875</u>

Weather Data for
17-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.93	-0.8	NE	7.6	45
1	29.9	-2.6	ENE	9.1	65
2	29.91	-3.5	NE	4.2	73
3	29.9	-3.3	E	9.3	80
4	29.89	-3.4	ENE	6	81
5	29.88	-3.5	ENE	7.8	80
6	29.88	-3.7	ENE	5.5	79
7	29.88	2	NE	4.6	77
8	29.87	0.9	ENE	11.6	65
9	29.86	0.9	E	8.7	64
10	29.83	2.3	E	12	57
11	29.83	2.8	ENE	12.9	59
12	29.8	7.5	ESE	10	47
13	29.78	7.3	SE	8.5	48
14	29.75	6.4	ENE	7.3	54
15	29.74	4.5	ENE	14.9	58
16	29.74	2.1	E	15.4	67
17	29.74	-0.4	NE	13.6	73
18	29.75	-0.8	ENE	8.9	76
19	29.76	-1.1	ENE	14.5	77
20	29.79	-1.2	ENE	11.8	77
21	29.77	-1.5	NE	11.8	78
22	29.78	-1.5	ENE	14.3	79
23	29.77	-1.5	ENE	5.5	79
<u>Avg</u>	<u>29.822</u>	<u>0.329</u>		<u>9.825</u>	<u>68.250</u>

Weather Data for
18-Mar-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.75	-1.6	ESE	11.8	79
1	29.75	-1.8	E	14	80
2	29.73	-1.9	SE	7.3	81
3	29.71	-1.8	ESE	11.6	81
4	29.7	-1.8	ESE	15.8	82
5	29.68	-1.5	ESE	10.5	83
6	29.68	-1.6	SE	16.5	83
7	29.71	-1.1	ESE	9.6	80
8	29.69	1.1	SE	10.2	74
9	29.68	1.8	SE	8.9	67
10	29.66	4.7	ESE	8.9	57
11	29.64	5.4	E	14.9	55
12	29.6	6.8	ENE	12.3	49
13	29.59	9.5	SSE	10.2	49
14	29.6	10.1	S	11.6	43
15	29.61	5.8	SSW	5.5	75
16	29.62	5.1	SSE	0	81
17	29.61	4.4	ENE	5.8	89
18	29.6	3.3	NE	10.7	92
19	29.6	2.6	ENE	12	96
20	29.6	2.6	ENE	11.1	96
21	29.61	1.2	ESE	8.5	96
22	29.62	0.8	NE	8	94
23	29.62	0.5	ENE	10	94
<u>Avg</u>	<u>29.653</u>	<u>2.192</u>		<u>10.238</u>	<u>77.333</u>

Weather Data for
20-Mar-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.05	-5.9	NW	3.3	80
1	30.06	-4.7	NNW	6.2	82
2	30.06	-6.9	NNW	5.8	81
3	30.08	-7.5	NNW	4.6	82
4	30.08	-7.5	N	1.5	84
5	30.08	-7.2	NNE	4.2	85
6	30.1	-6.5	NNE	1.3	86
7	30.11	2.1	N	2.9	65
8	30.13	10.2	ENE	0	42
9	30.12	8.7	ENE	4.9	36
10	30.13	11.4	ESE	4.9	27
11	30.12	11.8	E	7.6	26
12	30.09	10.7	N	1.3	30
13	30.07	11.7	NNE	9.8	29
14	30.05	11	NE	5.5	29
15	30.05	10.2	N	5.3	32
16	30.04	7.9	NE	5.5	36
17	30.04	4.5	NE	5.3	50
18	30.05	2.2	NE	6.2	60
19	30.07	1.2	NE	5.3	65
20	30.09	0.8	NE	4.2	67
21	30.08	0.6	ENE	6.2	65
22	30.08	0.3	ENE	5.1	66
23	30.08	-0.9	NE	6.7	67
<u>Avg</u>	<u>30.080</u>	<u>2.425</u>		<u>4.733</u>	<u>57.167</u>

Weather Data for
21-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.08	-0.7	ENE	6.9	70
1	30.08	-0.6	ENE	4.2	70
2	30.06	-0.3	E	6	70
3	30.06	-0.4	E	6.4	71
4	30.08	-1.7	ESE	5.3	73
5	30.08	-2.4	ESE	4.4	73
6	30.09	-3.2	E	8.7	77
7	30.1	1.1	ESE	10.2	64
8	30.1	4.3	ESE	10.5	61
9	30.1	7.1	ESE	10	40
10	30.11	8.4	ENE	10.9	37
11	30.1	10.6	SE	8.2	31
12	30.06	11.1	ESE	12	29
13	30.04	11.3	ENE	7.8	30
14	30.03	11	ENE	14.5	27
15	30.02	11.4	E	12.3	29
16	30.01	10.1	ENE	6.7	33
17	30.01	7.4	ENE	6	38
18	30.03	3.5	ENE	5.8	50
19	30.03	2.1	E	4	59
20	30.05	0.7	ENE	6.2	66
21	30.06	0.1	ESE	6.7	70
22	30.07	-0.9	ESE	5.8	73
23	30.08	-1.9	E	6.9	76
<u>Avg</u>	<u>30.064</u>	<u>3.671</u>		<u>7.767</u>	<u>54.875</u>

Weather Data for
22-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.08	-2.3	E	6.2	79
1	30.07	-3.1	ENE	7.3	82
2	30.06	-3.2	ENE	10.5	81
3	30.04	-3.8	E	7.1	79
4	30.03	-4.6	ENE	6.9	81
5	30.04	-4.8	ENE	7.1	82
6	30.06	-3.7	E	9.3	83
7	30.06	-1.7	ENE	11.6	79
8	30.05	0.5	E	8.9	72
9	30.03	2.2	ENE	10	64
10	30.02	3.8	ENE	6.9	56
11	30.01	4.8	E	13.6	55
12	29.98	6.9	E	10.9	47
13	29.96	5.8	ENE	9.6	50
14	29.94	5.8	ENE	14.9	49
15	29.93	4.9	NE	9.1	52
16	29.93	4	ENE	12.3	56
17	29.93	2.9	ENE	11.8	55
18	29.95	2	ENE	10	56
19	29.96	1.5	NE	6.9	57
20	29.96	1	NE	6.2	61
21	29.95	0.6	ENE	11.8	64
22	29.94	0.4	ENE	6.2	65
23	29.93	0.1	ENE	6.2	64
<u>Avg</u>	<u>29.996</u>	<u>0.833</u>		<u>9.221</u>	<u>65.375</u>

Weather Data for
23-Mar-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.91	-0.2	NE	8	63
1	29.9	-0.5	NNE	7.6	62
2	29.88	-0.5	NE	11.8	62
3	29.89	-0.8	NNE	6	61
4	29.89	-0.8	NE	7.6	60
5	29.9	-2.2	NE	1.7	72
6	29.9	-1.7	ENE	5.1	75
7	29.9	0.4	NE	6.9	69
8	29.9	3.1	ENE	6.4	47
9	29.9	9.2	ENE	12.7	38
10	29.91	7.5	NE	6.2	44
11	29.9	10.1	NE	7.6	36
12	29.89	9.6	ENE	4.2	33
13	29.88	13.5	NE	6.2	23
14	29.88	10.6	SE	0	31
15	29.87	12.5	E	8.7	26
16	29.86	11.7	ENE	0	30
17	29.88	8.8	E	3.3	36
18	29.88	4	ESE	0	48
19	29.9	3.5	E	5.8	53
20	29.9	3.2	ESE	6.9	51
21	29.92	2.2	SE	6	52
22	29.92	0.5	SE	6	58
23	29.93	-1.3	SSE	6	71
<u>Avg</u>	<u>29.895</u>	<u>4.267</u>		<u>5.863</u>	<u>50.042</u>

Weather Data for
24-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.93	-1.6	SSE	4.2	82
1	29.94	-3.4	SE	0	81
2	29.94	-3.6	SE	0	84
3	29.93	-3.6	ESE	0	86
4	29.93	-4.8	ESE	0	86
5	29.93	-4.8	ESE	0	86
6	29.94	-3	SE	0	89
7	29.95	-0.7	SSE	2.4	91
8	29.95	1.8	SSE	6.7	85
9	29.94	1.9	S	8.5	81
10	29.94	1.9	SSE	6	84
11	29.93	2.1	SE	10.2	85
12	29.93	2.4	SE	9.1	86
13	29.9	3.8	ESE	7.6	87
14	29.89	3.4	SE	6.2	82
15	29.88	2.8	ESE	2.9	85
16	29.88	2.5	ESE	4.6	88
17	29.88	2.4	NE	2.2	89
18	29.88	2.2	ENE	3.3	90
19	29.91	1.5	E	6	90
20	29.93	0.7	ESE	8.2	91
21	29.93	0.3	ENE	5.5	82
22	29.94	-0.3	ENE	1.3	93
23	29.95	-0.8	NE	0	93
<u>Avg</u>	<u>29.923</u>	<u>0.129</u>		<u>3.954</u>	<u>86.500</u>

Weather Data for
25-Mar-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.93	-0.7	ENE	0	94
1	29.94	-0.7	NNE	0	96
2	29.94	-0.7	N	0	96
3	29.92	-0.7	NE	0	96
4	29.93	-0.7	NNE	0	96
5	29.95	-0.6	NNE	2.4	96
6	29.96	-0.6	NNE	4.4	96
7	29.98	-0.3	NNE	6.2	96
8	29.99	0.5	NE	6.4	96
9	30.01	1.5	NE	4.9	93
10	30.01	2.2	NE	6.2	87
11	30.01	2.6	ESE	9.1	85
12	30.01	4.5	E	8.9	77
13	30.01	3.8	ENE	8.9	74
14	30.01	2.8	NE	8.5	79
15	30.01	2.8	NE	8.2	80
16	30.01	3.2	ESE	1.7	76
17	30.02	3.3	ENE	1.7	74
18	30.02	0.8	ENE	0	77
19	30.03	-1	ENE	0	84
20	30.05	0.2	ENE	4	88
21	30.05	0.7	ENE	4.4	87
22	30.04	0.5	NNE	4.2	83
23	30.05	0.1	NE	3.5	82
<u>Avg</u>	<u>29.995</u>	<u>0.979</u>		<u>3.900</u>	<u>87.000</u>

Weather Data for
26-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.05	-0.5	ENE	0	81
1	30.05	0.4	SE	2.9	82
2	30.04	-0.8	SE	0	83
3	30.05	-1	SE	0	85
4	30.04	-0.9	SE	0	87
5	30.06	-1.7	SE	0	88
6	30.08	-1.2	SE	0	89
7	30.09	0.5	SE	0	89
8	30.09	1.2	W	2	83
9	30.08	6.2	W	2	63
10	30.08	11.9	NW	8.9	42
11	30.07	10.4	W	5.1	40
12	30.05	10.4	W	6	43
13	30.05	9	SW	6	43
14	30.05	9.7	WSW	5.8	40
15	30.02	10.8	W	3.5	38
16	30.01	10.7	W	4	35
17	30	10.3	NW	4.6	36
18	30.01	2.5	NNW	3.1	52
19	30	-0.4	NNW	2	69
20	30.01	-0.7	NNW	0	67
21	30.01	-0.3	S	1.5	70
22	30.01	-2.6	S	0	73
23	30.01	-2.6	S	0	76
<u>Avg</u>	<u>30.042</u>	<u>3.388</u>		<u>2.392</u>	<u>64.750</u>

Weather Data for
27-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.98	-3.2	S	0	78
1	29.99	-2.2	S	6.4	80
2	29.98	-2.5	SSW	5.3	79
3	29.94	-3.9	SSW	0	80
4	29.96	-3.2	S	2.9	84
5	29.95	-3.1	S	2.6	84
6	29.95	-0.8	SSW	0	84
7	29.96	5	S	0.2	63
8	29.96	9.1	SSW	4.4	52
9	29.94	13.2	SW	6.4	44
10	29.93	15.4	W	3.3	38
11	29.91	14.8	SW	6	37
12	29.88	15.2	W	4	35
13	29.85	15.7	SW	12	31
14	29.81	16.1	WSW	8	32
15	29.78	16.5	WSW	6	30
16	29.77	14.7	WSW	4.6	32
17	29.75	14.8	SW	4.2	35
18	29.74	8.3	SW	0	48
19	29.74	6.1	SW	0	61
20	29.72	4	SSE	4.6	67
21	29.72	3.9	SSE	4	68
22	29.72	3.8	SSE	4.6	70
23	29.72	2.6	SSE	2.2	71
<u>Avg</u>	<u>29.860</u>	<u>6.679</u>		<u>3.821</u>	<u>57.625</u>

Weather Data for
28-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.71	2.1	S	4.6	76
1	29.7	1.7	S	1.7	74
2	29.68	1.4	SW	1.5	75
3	29.66	0.5	WSW	0	77
4	29.67	-0.3	SSE	11.6	77
5	29.65	0.2	SW	1.5	81
6	29.66	2.3	SSE	6.4	78
7	29.65	7.2	SSW	5.1	58
8	29.65	11.8	S	10.7	53
9	29.66	16.1	SSW	6	39
10	29.65	18.7	SW	9.3	31
11	29.63	19.7	SW	9.3	25
12	29.61	20.6	SW	9.3	19
13	29.58	21.4	SSW	10.5	19
14	29.55	22.1	SSW	9.6	19
15	29.54	22.2	SSW	17.2	19
16	29.54	20.5	SSW	10	19
17	29.54	20.5	SSW	12.3	19
18	29.55	14.2	S	11.4	37
19	29.56	12.3	SSE	10.7	43
20	29.57	11.7	SSE	8.2	46
21	29.57	10.1	SSE	9.6	54
22	29.58	9.5	SSE	8.9	58
23	29.57	9.6	SSE	9.1	57
				11.4	
<u>Avg</u>	<u>29.614</u>	<u>11.504</u>		<u>8.581</u>	<u>48.042</u>

Weather Data for
29-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.59	9.4	SSE	10.2	60
1	29.59	9.2	SSE	12.3	63
2	29.59	8.2	SSE	9.3	68
3	29.59	7.8	SSE	6.2	68
4	29.57	7.8	SE	9.8	69
5	29.56	7.4	SSE	12.5	68
6	29.54	9.2	SE	9.3	62
7	29.54	11	ESE	12.7	54
8	29.5	14.8	SSE	19.4	44
9	29.49	17.3	SSE	20.8	38
10	29.47	18	SE	17.4	39
11	29.44	19.2	SSE	21.9	38
12	29.42	20.6	SSE	27.2	35
13	29.39	22.9	SE	17	30
14	29.39	21.5	SSE	21.2	33
15	29.4	22.1	S	19.6	34
16	29.39	21.2	S	21.9	38
17	29.4	20.1	SSE	16.3	42
18	29.42	17.7	SSE	12.9	49
19	29.42	17.2	SE	8.7	51
20	29.43	16.5	SSE	14.3	53
21	29.43	15.7	SE	16.7	57
22	29.43	15.1	S	10.9	60
23	29.43	15	SSE	10	60
<u>Avg</u>	<u>29.476</u>	<u>15.204</u>		<u>14.938</u>	<u>50.542</u>

Weather Data for
30-Mar-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.42	15	ESE	12.9	59
1	29.42	15	ESE	12.9	59
2	29.37	14.1	SSE	14.5	60
3	29.37	13.1	SE	13.1	65
4	29.35	12.9	SE	17	67
5	29.34	13.2	S	10.7	67
6	29.34	13.2	SSE	17	68
7	29.34	15.2	S	19.4	60
8	29.31	15.5	S	17	61
9	29.3	20.3	SSW	10.7	49
10	29.27	20.7	S	26.1	49
11	29.24	23.1	SSE	22.3	37
12	29.22	21.2	S	29.7	38
13	29.25	12.1	SSW	9.8	83
14	29.23	11.5	S	16.5	88
15	29.23	15	WSW	6.2	70
16	29.23	14.4	SSE	6.4	79
17	29.24	13.7	SSE	4.9	81
18	29.26	11.8	SW	18.5	86
19	29.27	9.6	SSW	6	89
20	29.33	7.2	WNW	9.8	96
21	29.37	5.3	NW	13.6	93
22	29.4	5.1	NW	18.1	94
23	29.44	4.7	NW	14.5	92
<u>Avg</u>	<u>29.314</u>	<u>13.454</u>		<u>14.483</u>	<u>70.417</u>

Weather Data for
31-Mar-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.47	4.1	NW	18.3	92
1	29.52	3.8	NW	24.6	93
2	29.54	3.6	WNW	20.3	93
3	29.58	3.8	NW	20.3	93
4	29.64	3.8	NNW	17.2	89
5	29.68	3.1	WNW	11.6	88
6	29.73	2.5	WNW	18.1	88
7	29.77	6	NNW	17.6	75
8	29.8	8.2	NW	21.9	68
9	29.84	10.9	NW	14	60
10	29.85	12	NNW	13.6	55
11	29.86	14.3	NNW	11.6	46
12	29.89	16.4	NNW	8.9	40
13	29.9	16.3	NW	17.4	39
14	29.9	16.4	NW	14.7	36
15	29.91	16.8	NNW	9.6	34
16	29.92	16	NNW	11.8	33
17	29.94	13.9	NW	15.8	38
18	29.97	10.2	NNW	10.5	50
19	30.01	4.8	NNW	6.4	68
20	30.03	2.9	NNW	4.9	76
21	30.02	2.2	NNW	3.8	80
22	30.04	1.6	NW	3.5	81
23	30.06	2.6	NNW	6	83
<u>Avg</u>	<u>29.828</u>	<u>8.175</u>		<u>13.433</u>	<u>66.583</u>

Weather Data for
1-Apr-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.06	2.2	NNW	4.2	81
1	30.06	1.5	NNW	6.2	85
2	30.05	2	NNW	7.8	84
3	30.06	1.8	NNW	7.8	84
4	30.06	0.6	N	8.2	84
5	30.08	-0.2	N	5.8	87
6	30.09	-0.6	N	3.8	86
7	30.09	3.1	NNW	3.8	79
8	30.08	10.4	N	16.3	51
9	30.08	10.3	NNW	12.3	42
10	30.06	15.4	N	8.5	25
11	30.04	15.2	NNW	10.7	19
12	30.02	14.1	NW	18.5	25
13	29.99	13.8	NW	11.4	19
14	29.97	12.8	NNW	21.6	20
15	29.95	13.7	NNW	14.9	23
16	29.96	9.9	NNW	15.4	26
17	29.97	10.4	NW	13.4	30
18	29.99	3.4	NNW	6.7	63
19	29.99	0.4	NW	2.4	71
20	30	-0.1	NNW	9.1	75
21	29.99	-1.1	NNW	9.1	75
22	30	-1.7	NNW	6.2	80
23	30	-2.5	NNW	8.9	81
<u>Avg</u>	<u>30.027</u>	<u>5.617</u>		<u>9.708</u>	<u>9.708</u>

Weather Data for
2-Apr-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30	-2.9	NNW	6.7	83
1	29.99	-3.7	N	7.3	86
2	29.99	-3.6	N	7.3	89
3	30	-4.2	N	5.3	90
4	30.01	-3.7	N	8.9	92
5	30.02	-3.6	NNE	6	92
6	30.03	-0.8	N	6.7	94
7	30.05	6.1	N	7.1	64
8	30.06	10	N	6.2	55
9	30.05	13.4	NE	4.2	41
10	30.05	16.2	NNW	8.2	29
11	30.04	17.2	SSW	3.5	24
12	30.02	15.8	W	0	19
13	30	17.3	NW	3.3	19
14	29.97	17.6	WNW	0	19
15	29.96	17.1	NNW	5.1	19
16	29.95	19.1	W	2.9	19
17	29.96	16.2	WSW	2.6	19
18	29.95	10.2	W	0	30
19	29.95	7.3	W	0	39
20	29.95	6.2	W	0	44
21	29.95	5.8	S	1.7	48
22	29.95	6.5	S	1.7	46
23	29.95	7.1	SSE	0	47
<u>Avg</u>	<u>29.994</u>	<u>7.775</u>		<u>3.946</u>	<u>50.292</u>

Weather Data for
3-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.94	7	SSW	0	47
1	29.94	5.7	SSW	4.2	54
2	29.92	5.6	SW	0	53
3	29.91	5.2	SW	1.7	55
4	29.92	6.7	ESE	4	48
5	29.93	4.8	E	6.2	60
6	29.93	7.1	SE	2.6	58
7	29.93	13.4	SSE	7.6	34
8	29.93	16.9	S	6	25
9	29.94	19.1	SSE	11.6	19
10	29.93	21.2	SSW	8.5	19
11	29.9	22.1	S	9.1	19
12	29.88	22.8	SSW	14	19
13	29.85	23	SE	0	19
14	29.84	23.5	SSW	7.1	19
15	29.83	23.6	SSE	9.3	19
16	29.82	23.2	SSE	12.9	19
17	29.83	20.3	SE	5.3	19
18	29.83	17	SE	3.5	26
19	29.83	15.7	SE	5.3	29
20	29.84	15.2	SE	5.1	30
21	29.84	14.8	SE	8.7	30
22	29.83	14.1	SSE	11.8	32
23	29.81	13.8	SE	13.4	33
<u>Avg</u>	<u>29.881</u>	<u>15.075</u>		<u>6.579</u>	<u>32.708</u>

Weather Data for
4-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.82	12.5	SE	10.5	36
1	29.81	11.4	SE	10.5	41
2	29.79	11.5	SE	10.9	41
3	29.78	11.6	ESE	8.7	42
4	29.77	11.2	SE	9.6	45
5	29.76	10.8	SSE	15.8	49
6	29.76	11.1	SSE	14	50
7	29.77	13.2	SSE	12.3	45
8	29.76	18.6	SSE	8.7	37
9	29.75	22.2	S	13.6	30
10	29.74	23.3	S	20.3	28
11	29.71	25.4	SSW	15.6	21
12	29.67	26.4	S	19	19
13	29.64	27.2	S	25	19
14	29.62	27.4	S	18.3	19
15	29.6	27.1	SSW	22.1	19
16	29.59	25.9	S	18.5	19
17	29.59	23.8	S	17.8	21
18	29.59	20.8	S	13.6	29
19	29.6	17.8	SE	11.4	36
20	29.6	16.9	SSE	6.7	39
21	29.6	15.5	SSE	10.2	43
22	29.61	14.5	SSE	7.3	47
23	29.61	13.9	S	12.3	48
<u>Avg</u>	<u>29.689</u>	<u>18.333</u>		<u>13.863</u>	<u>34.292</u>

Weather Data for
5-Apr-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.62	13.5	SSE	9.3	49
1	29.62	12.5	S	13.1	54
2	29.61	12.5	SSE	11.1	54
3	29.62	12.4	S	8	55
4	29.62	11.4	S	10.7	60
5	29.62	10.6	SSE	10.5	64
6	29.63	12.1	S	11.4	63
7	29.64	14.8	S	16.3	57
8	29.66	19.4	SW	15.8	54
9	29.67	21.2	SW	11.8	53
10	29.68	19.2	SSW	13.1	62
11	29.67	20.2	S	19	58
12	29.66	21.5	S	21.4	55
13	29.67	21.8	SSW	16.1	52
14	29.67	22.8	SSW	11.6	48
15	29.67	23.3	S	14	45
16	29.69	21.7	SW	9.6	51
17	29.72	21.4	SSW	10.9	53
18	29.73	20.3	SSE	6.2	57
19	29.76	19.8	SE	2.4	59
20	29.79	19.5	SE	4.2	60
21	29.8	18.1	SSW	3.1	64
22	29.78	17.5	SW	4.4	68
23	29.78	17.1	SW	0	68
<u>Avg</u>	<u>29.683</u>	<u>17.692</u>		<u>10.583</u>	<u>56.792</u>

Weather Data for
6-Apr-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.76	17	S	6	69
1	29.76	17	S	6	69
2	29.76	16.3	S	6	72
3	29.78	15.2	ENE	5.8	76
4	29.77	15.7	ESE	4	75
5	29.8	15.1	SE	5.1	78
6	29.8	16.2	ESE	6.2	71
7	29.8	14.5	ENE	0	77
8	29.79	19.7	NE	4	63
9	29.82	25.2	SSE	0	43
10	29.83	27.2	NE	2.2	37
11	29.83	27.9	NE	3.1	33
12	29.82	26.1	NNE	0	37
13	29.79	26.4	NNE	6.9	35
14	29.77	25.5	N	15.8	38
15	29.76	24.7	NNE	8	40
16	29.75	22	N	9.6	50
17	29.76	20	N	10.2	56
18	29.82	16.6	SSE	4.4	74
19	29.83	14.7	NE	2.4	87
20	29.84	13.2	NE	12.5	96
21	29.85	14.4	N	15.6	82
22	29.87	12.9	NNE	9.1	79
23	29.88	11.5	N	17.2	80
<u>Avg</u>	<u>29.802</u>	<u>18.958</u>		<u>6.671</u>	<u>63.208</u>

Weather Data for
7-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.89	10.5	NNE	13.1	84
1	29.89	9.4	N	10.2	85
2	29.89	8.5	NNE	13.6	89
3	29.9	7.4	NNE	8.9	91
4	29.91	7.3	NNE	5.5	96
5	29.93	7.5	NNE	21.4	90
6	29.94	6.6	NE	18.5	87
7	29.98	6.4	NE	7.8	88
8	29.99	6.5	NNE	9.8	85
9	30.01	7.8	NE	15.6	80
10	30.02	10.5	NE	14.9	69
11	30.01	15.5	ENE	7.3	46
12	30	17.7	NE	15.4	39
13	29.99	18.7	NE	7.6	36
14	29.97	20	NE	8.9	30
15	29.96	21.3	ENE	7.6	26
16	29.93	22.1	NE	6.2	19
17	29.93	21.5	NE	3.1	19
18	29.93	20.2	NNE	6.4	19
19	29.93	15.4	NE	2.2	30
20	29.93	11.9	NE	1.7	42
21	29.94	10.7	NE	2.9	46
22	29.95	8	SSE	0	58
23	29.96	7.2	NNW	1.3	59
<u>Avg</u>	<u>29.949</u>	<u>12.442</u>		<u>8.746</u>	<u>58.875</u>

Weather Data for
8-Apr-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.99	6.8	NNE	1.7	60
1	29.96	5.4	NE	2.6	65
2	29.96	3.1	NE	0	72
3	29.96	2.5	SE	0	79
4	29.96	4.9	SSE	5.1	85
5	29.97	6.1	SSE	9.6	78
6	29.98	5.3	SSW	5.1	76
7	30	10.5	SSW	0	70
8	30	17.4	SSW	0	38
9	30.01	16	S	12.3	36
10	29.99	17.7	SSE	14.5	31
11	29.97	19.4	SE	14.7	30
12	29.95	20.8	SE	16.3	27
13	29.93	21.1	SSE	16.5	25
14	29.91	21.3	SSE	17.8	23
15	29.9	22.1	SE	12.5	19
16	29.87	21.7	S	17	22
17	29.86	21.7	S	13.4	19
18	29.85	19.4	SSE	14	25
19	29.84	16.7	SE	5.5	33
20	29.84	14.1	SE	6	42
21	29.86	13.6	SE	10.7	43
22	29.85	13.2	SE	5.8	44
23	29.84	12.5	ESE	8.7	46
<u>Avg</u>	<u>29.927</u>	<u>13.888</u>		<u>8.742</u>	<u>45.333</u>

Weather Data for
9-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.83	11.9	SE	9.3	48
1	29.82	11	SE	11.6	46
2	29.81	10.3	SE	19.4	46
3	29.85	8.4	SSE	10	53
4	29.84	8	SE	6.2	59
5	29.83	8.2	SSE	10.7	62
6	29.83	8.3	SSE	9.6	64
7	29.83	9	SE	12.7	64
8	29.83	12.4	SSE	20.1	53
9	29.81	15.9	SSE	19.6	45
10	29.8	17.5	SSE	20.3	48
11	29.79	19.9	S	20.5	45
12	29.79	21.7	SSW	12.3	44
13	29.74	23.2	S	25.7	42
14	29.72	23.7	SSE	23.4	38
15	29.71	24.6	S	27.2	35
16	29.67	25.1	S	18.3	32
17	29.69	22.4	SSE	21.9	37
18	29.7	22.7	S	23.9	37
19	29.7	20.7	S	10.2	42
20	29.72	18.5	SSE	9.6	49
21	29.74	17.9	ESE	9.8	48
22	29.75	17.1	SE	6.2	48
23	29.76	16.2	SE	8	48
<u>Avg</u>	<u>29.773</u>	<u>16.442</u>		<u>15.271</u>	<u>47.208</u>

Weather Data for
10-Apr-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.77	16	SE	11.6	47
1	29.77	16	SE	11.6	47
2	29.76	16.2	SE	5.5	49
3	29.76	15.2	SE	7.1	52
4	29.75	14.4	SE	8.5	58
5	29.76	13.9	SE	5.1	62
6	29.77	13.8	SSE	10.5	66
7	29.77	15.2	S	9.3	65
8	29.77	18.2	SSE	19.6	56
9	29.79	19.6	S	18.3	56
10	29.78	22.7	SSW	15.2	51
11	29.79	24.2	S	9.6	46
12	29.78	25.7	S	13.1	42
13	29.76	25.5	SSW	14.5	41
14	29.75	26.2	SE	3.8	41
15	29.73	26.3	S	15.4	37
16	29.72	25.5	SE	6.2	38
17	29.71	25.7	SSE	12.7	36
18	29.71	24.7	S	12.9	36
19	29.72	23.1	SSE	7.8	43
20	29.73	22.4	SE	6.4	45
21	29.72	21.8	SE	5.8	45
22	29.73	21.5	S	10.2	46
23	29.73	20.8	SE	8.7	49
<u>Avg</u>	<u>29.751</u>	<u>20.608</u>		<u>10.392</u>	<u>48.083</u>

Weather Data for
11-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.71	20.5	SSE	12.7	53
1	29.7	20.1	SE	10.2	56
2	29.71	18.8	SSE	17	61
3	29.7	18.2	SSE	16.1	65
4	29.71	17.8	S	14.7	67
5	29.69	16.9	SSE	9.8	71
6	29.71	17.2	SSE	18.7	72
7	29.73	15.3	S	9.1	91
8	29.75	15.8	S	12.5	96
9	29.73	16.6	SSE	13.8	86
10	29.75	20.9	SSE	21.2	69
11	29.74	20.7	SSE	15.8	67
12	29.74	20.7	SSE	20.8	65
13	29.73	16.7	SE	8.7	84
14	29.71	16.2	SE	12	93
15	29.69	16.1	SE	10.7	92
16	29.67	16.8	SE	5.8	90
17	29.66	16.7	SE	7.6	90
18	29.65	16.6	SSE	15.6	89
19	29.65	15.6	SE	16.3	96
20	29.65	15.6	SE	14	92
21	29.65	15.3	SSE	11.1	90
22	29.64	14.8	SE	10	93
23	29.63	14	S	18.1	96
<u>Avg</u>	<u>29.696</u>	<u>17.246</u>		<u>13.429</u>	<u>80.167</u>

Weather Data for
12-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.6	13.5	SSE	10.7	96
1	29.57	13.1	SE	9.3	96
2	29.57	11.7	SSW	8.7	96
3	29.56	11.4	SSE	3.5	96
4	29.57	11.3	SSE	6	96
5	29.56	11.2	ESE	3.3	96
6	29.54	10.8	ENE	7.6	96
7	29.56	8.8	ESE	12.5	96
8	29.59	8.5	SE	7.1	96
9	29.62	8.7	ESE	7.6	90
10	29.65	9.1	SE	4.4	90
11	29.68	9.2	SE	10.7	90
12	29.69	10.1	SE	8.2	89
13	29.69	10.9	E	4	85
14	29.7	11.7	E	7.6	81
15	29.7	13.4	E	8	72
16	29.71	10.9	ENE	10.7	79
17	29.74	10.2	NE	8.7	80
18	29.76	8.1	E	12.3	88
19	29.78	6.6	ENE	9.6	96
20	29.81	6.2	E	6.9	96
21	29.83	6.4	ENE	14.9	92
22	29.84	6.2	ENE	11.1	84
23	29.85	6.3	E	8.7	80
<u>Avg</u>	<u>29.674</u>	<u>9.763</u>		<u>8.421</u>	<u>89.833</u>

Weather Data for
13-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.86	6.9	ENE	4.9	75
1	29.86	7.2	ENE	5.3	74
2	29.89	6.5	ENE	7.1	72
3	29.92	3.5	ENE	0.4	79
4	29.93	2.3	NE	4.4	78
5	29.95	1.3	NE	5.8	80
6	29.99	1.1	ENE	6.2	79
7	30.02	5.1	NE	8.2	71
8	30.04	9.1	ENE	12.3	47
9	30.05	11.1	ENE	10.9	42
10	30.08	13	NE	11.1	36
11	30.08	13.5	NE	12.5	31
12	30.09	14.5	ENE	10	31
13	30.09	14.9	ENE	9.8	28
14	30.1	16.2	NE	7.3	26
15	30.09	16.8	ENE	6.7	21
16	30.09	17.3	E	5.8	21
17	30.1	16.8	ENE	5.5	19
18	30.12	15.7	ENE	2.6	23
19	30.12	12.5	E	2.4	31
20	30.14	9.7	E	6.2	30
21	30.15	7.2	ESE	2.2	45
22	30.16	7.2	ESE	2.4	48
23	30.16	3.9	ESE	0	61
<u>Avg</u>	<u>30.045</u>	<u>9.721</u>		<u>6.250</u>	<u>47.833</u>

Weather Data for
14-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.18	4.1	ENE	3.3	60
1	30.18	2.5	ENE	4.9	64
2	30.17	1.7	ENE	4.2	67
3	30.18	2.5	E	2.2	62
4	30.2	-1.5	ENE	0	67
5	30.2	-1.5	ENE	1.7	76
6	30.23	-0.7	ENE	2	73
7	30.24	5.8	E	2.9	60
8	30.25	12.4	E	3.5	32
9	30.25	16	SE	3.8	22
10	30.25	17.9	SE	4.2	22
11	30.24	18.9	SSE	10	21
12	30.23	19.5	ESE	6.4	19
13	30.21	20.8	ESE	7.8	19
14	30.19	20.2	ESE	6	19
15	30.16	21.2	ESE	8	24
16	30.14	21.1	SE	6.4	27
17	30.13	20.9	S	9.3	26
18	30.13	20.1	SE	8.7	28
19	30.13	16.8	SE	3.5	35
20	30.14	13.8	SE	5.8	43
21	30.16	13.1	SE	5.1	46
22	30.16	12.1	SE	4.9	49
23	30.16	8.3	SE	0	53
<u>Avg</u>	<u>30.188</u>	<u>11.917</u>		<u>4.775</u>	<u>42.250</u>

Weather Data for
15-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.17	7.9	SSE	4.9	68
1	30.17	10.7	SE	6.9	54
2	30.18	10.5	SE	5.5	54
3	30.19	8.7	SE	6.4	53
4	30.21	8.4	SE	8.5	49
5	30.21	7.9	SE	10.2	46
6	30.24	6.8	SE	9.6	48
7	30.26	10.4	SSE	9.8	40
8	30.27	13.5	SSE	6.2	35
9	30.27	16.7	S	7.1	29
10	30.26	17.7	S	10.2	27
11	30.24	20.3	S	4.2	27
12	30.25	21.7	S	12.3	27
13	30.23	22.3	SSE	8.7	26
14	30.21	23.2	SSE	6.4	23
15	30.18	23.1	SSE	10.2	23
16	30.17	23.1	S	16.5	23
17	30.16	21.7	SSE	7.6	25
18	30.16	20.7	SSW	12	28
19	30.16	17.6	S	4.6	37
20	30.19	14.9	SSE	6.7	43
21	30.19	14	SSE	5.3	47
22	30.2	12.8	SSE	5.1	52
23	30.21	11.2	S	7.6	52
<u>Avg</u>	<u>30.208</u>	<u>15.242</u>		<u>8.021</u>	<u>39.000</u>

Weather Data for
16-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.21	11.2	S	4.6	57
1	30.2	12.1	S	8.7	56
2	30.2	11.8	S	7.6	56
3	30.2	11.9	S	6.7	55
4	30.21	11.8	S	7.6	58
5	30.22	11.1	SSW	5.1	66
6	30.24	12.2	S	8.5	60
7	30.26	12.1	S	9.1	59
8	30.27	10.4	SSW	6.2	76
9	30.26	10.7	S	6.2	80
10	30.25	12.1	SSE	9.1	76
11	30.26	11.7	S	6.4	85
12	30.25	11.4	SSE	5.5	88
13	30.23	11.7	SE	2.9	88
14	30.19	12.1	SE	6.7	86
15	30.14	13.4	ESE	10	82
16	30.13	18.1	SSE	10.9	56
17	30.11	18.7	ESE	11.6	53
18	30.09	17.1	SSE	10.7	60
19	30.1	15.2	ENE	6.2	71
20	30.12	12.6	SE	6.9	85
21	30.12	12.9	ESE	6.9	86
22	30.13	12.8	SE	6.9	85
23	30.11	13.7	SSE	10	83
<u>Avg</u>	<u>30.188</u>	<u>12.867</u>		<u>7.542</u>	<u>71.125</u>

Weather Data for
17-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.1	13.7	SSR	6	80
1	30.1	12.9	SSR	7.6	83
2	30.09	13.3	SSR	8.7	79
3	30.1	12.9	NNE	0	80
4	30.09	13.4	SW	3.1	79
5	30.09	13.1	SSW	4.6	78
6	30.1	12.7	SW	0.6	79
7	30.1	14.8	SSW	1.7	72
8	30.11	17.5	WSW	1.5	61
9	30.1	19.1	W	3.3	59
10	30.1	23.2	N	1.3	52
11	30.09	27.2	SSE	2.2	40
12	30.08	25.37	SW	4.9	45
13	30.06	26.1	WSW	4.6	44
14	30.04	27.3	SW	6.7	36
15	30.02	27.7	SW	6.2	33
16	29.99	28.2	WSW	6.4	31
17	29.98	26.9	SSW	9.8	31
18	29.98	24.7	SSW	10.9	36
19	29.98	21.9	SSW	7.1	49
20	29.98	19.4	SSW	7.8	53
21	29.98	17.7	S	6.4	56
22	29.98	16	S	5.3	61
23	29.98	16.6	S	8.9	58
<u>Avg</u>	<u>30.051</u>	<u>124.304</u>		<u>5.233</u>	<u>57.292</u>

Weather Data for
18-Apr-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.97	15.4	SSE	6.7	63
1	29.97	14.4	S	6	70
2	29.97	13.9	SSW	4.6	72
3	29.96	13.6	SSW	6.4	74
4	29.96	12.6	SSW	5.3	78
5	29.96	12.2	S	6.2	79
6	29.96	12.5	S	6.9	80
7	29.96	15.5	SSW	6.9	69
8	29.96	18.1	SE	8.2	61
9	29.96	21.5	SSW	10.5	49
10	29.96	24.3	SSW	13.1	42
11	29.94	25.8	SW	12.5	36
12	29.92	26.4	SSW	13.6	36
13	29.88	25.7	SSW	21.6	34
14	29.88	25.5	SW	12.5	35
15	29.85	26.8	SSW	17.2	32
16	29.84	27.1	SSW	21	31
17	29.84	25.2	SW	10.5	35
18	29.83	24.1	SW	16.1	41
19	29.82	22.5	SSW	15.8	43
20	29.83	19.2	S	9.3	55
21	29.84	18.1	S	6.7	54
22	29.84	16.5	S	10	62
23	29.83	15.7	S	8.9	66
<u>Avg</u>	<u>29.905</u>	<u>19.692</u>		<u>10.688</u>	<u>54.042</u>

Weather Data for
19-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.82	15.8	S	11.8	68
1	29.81	14.7	S	10.2	75
2	29.8	15.2	S	12.5	73
3	29.77	15.3	S	12.9	72
4	29.76	15.4	SSE	6.4	74
5	29.76	15.3	S	14.3	76
6	29.77	14.9	S	8.9	76
7	29.77	15.8	S	16.5	72
8	29.78	15.7	S	15.2	76
9	29.76	17.4	SSW	11.4	72
10	29.77	22.1	WSW	13.4	53
11	29.76	23	SSW	15.6	52
12	29.75	21	SW	8	66
13	29.74	20.5	WSW	14.3	66
14	29.74	20.1	WSW	7.6	69
15	29.73	20.9	SW	8.5	63
16	29.71	22.2	SSW	7.3	59
17	29.72	22.8	SW	8	55
18	29.71	22.6	WSW	5.5	57
19	29.7	21.8	SSW	5.8	59
20	29.71	19.2	SW	6.9	78
21	29.72	18.8	WSW	4.4	78
22	29.77	17.7	NW	6.2	91
23	29.77	16.9	W	0	96
<u>Avg</u>	<u>29.754</u>	<u>18.546</u>		<u>9.650</u>	<u>69.833</u>

Weather Data for
20-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.76	16.7	SSW	0	96
1	29.78	16.4	NW	0	96
2	29.8	16.2	NNW	2	96
3	29.8	15.5	NNW	6.4	96
4	29.81	14.8	NE	7.8	96
5	29.81	14.1	NE	6.2	96
6	29.8	13.5	E	4.9	96
7	29.82	14.2	ESE	6	96
8	29.86	17.4	N	0	83
9	29.86	17.5	ENE	0	75
10	29.9	19.4	NE	0	70
11	29.88	21.4	ESE	3.1	56
12	29.85	22.4	SE	7.6	56
13	29.82	23.1	ESE	7.8	57
14	29.81	23.1	ESE	6.9	56
15	29.83	23.4	E	0	55
16	29.83	24.7	ENE	7.1	50
17	29.85	23.2	NE	7.8	53
18	29.86	20.2	NE	4.9	64
19	29.88	17.8	ENE	3.5	75
20	29.91	16	E	10.2	81
21	29.94	14.8	E	13.8	83
22	29.96	12.4	SE	1.7	84
23	29.97	13.5	SE	8	82
<u>Avg</u>	<u>29.850</u>	<u>17.988</u>		<u>4.821</u>	<u>77.000</u>

Weather Data for
21-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.97	11.4	ESE	11.4	85
1	29.96	11.2	ESE	6.6	82
2	29.96	10.6	ESE	5.8	84
3	29.97	10.4	SE	4.9	84
4	29.97	10.1	ESE	5.4	87
5	29.98	9.8	ESE	5.8	83
6	29.99	8.5	ESE	7.1	80
7	29.98	8.8	ESE	8.9	73
8	29.98	9.3	E	6.4	74
9	29.98	9.3	ESE	13.8	76
10	29.91	11.5	ESE	14.9	69
11	29.91	15.2	ESE	10.7	58
12	29.95	13.6	ESE	7.8	64
13	29.95	13.1	ESE	0	67
14	29.93	12.8	ENE	6.7	69
15	29.9	13.1	E	6.4	65
16	29.85	13.4	SE	5.8	66
17	29.81	14.1	ESE	11.1	64
18	29.83	12.8	SSE	5.5	70
19	29.8	12.8	SE	6.7	70
20	29.79	12.7	E	6.2	72
21	29.78	12.3	E	6	75
22	29.75	12.5	ENE	0	74
23	29.75	12.1	ENE	0	74
<u>Avg</u>	<u>29.902</u>	<u>11.725</u>		<u>6.829</u>	<u>73.542</u>

Weather Data for
22-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.76	11.4	NE	0	73
1	29.74	8.7	NE	7.1	91
2	29.7	7.3	E	9.8	96
3	29.67	6.5	ENE	10	96
4	29.65	7.1	ENE	6.9	96
5	29.65	7.3	E	7.3	96
6	29.67	7.4	ENE	5.5	96
7	29.7	7.1	NE	4.6	96
8	29.72	7.2	NE	7.3	96
9	29.72	7.3	ENE	3.5	96
10	29.73	7	ENE	6.9	83
11	29.74	10.1	N	3.8	82
12	29.74	13.5	NE	7.1	84
13	29.75	14.7	NE	3.3	49
14	29.75	18	NE	8.7	41
15	29.74	19.2	NNE	11.8	36
16	29.73	13.5	NNW	9.8	55
17	29.78	10.2	ENE	6.7	83
18	29.8	10.8	N	14.7	75
19	29.83	8.1	N	10.2	75
20	29.89	4.8	N	11.4	80
21	29.93	2.7	NE	16.3	84
22	29.96	3.3	NNE	16.3	81
23	29.97	3.3	NNE	22.3	78
<u>Avg</u>	<u>29.763</u>	<u>9.021</u>		<u>8.804</u>	<u>79.917</u>

Weather Data for
23-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.99	3.1	N	14.5	66
1	30.01	2.1	N	21.9	64
2	30.01	0.5	NNE	10	65
3	30.02	0.1	NNW	11.6	65
4	30.03	-0.6	NNW	12	66
5	30.06	-1.3	NNE	13.8	73
6	30.06	-1.8	N	18.5	75
7	30.06	2.5	NNE	20.1	57
8	30.07	3.9	NNE	12.9	43
9	29.07	4.8	NNW	10	40
10	30.07	6.3	NNE	18.3	34
11	30.06	7.9	NNW	18.7	29
12	30.05	9.7	N	14.9	19
13	30.03	9.8	NNW	17.2	31
14	30.02	10.4	N	15.4	27
15	30.01	10.8	NNE	16.7	21
16	29.99	10.7	N	17.2	20
17	29.98	10	NNE	12.5	19
18	29.98	8.3	N	19	19
19	29.98	5.6	N	10.2	19
20	29.99	2.7	NNE	7.8	21
21	30	1.4	NNE	7.6	38
22	30	-2.2	NNW	4.6	54
23	30	-2.5	NNW	8.5	61
<u>Avg</u>	<u>29.981</u>	<u>4.258</u>		<u>13.913</u>	<u>42.750</u>

Weather Data for
24-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.01	2.9	NNW	8.5	64
1	30	-3.5	N	3.5	67
2	29.99	-3.8	N	4.9	70
3	29.99	-3.8	NNW	5.5	71
4	29.97	-4	N	7.6	73
5	29.96	-4.1	NNW	6	71
6	29.96	-3.5	N	8.2	72
7	29.95	2.7	N	11.8	55
8	29.94	6.4	NNW	13.6	45
9	29.91	8.8	N	16.7	37
10	29.89	10.7	NNW	13.4	32
11	29.88	12.3	NNW	13.8	30
12	29.86	13.4	N	16.7	27
13	29.83	14.4	NNW	18.1	25
14	29.81	15.2	N	16.7	23
15	29.78	16.5	N	18.3	22
16	29.75	16.1	N	20.5	19
17	29.73	15.8	NNW	10.2	19
18	29.71	14.3	N	12.5	21
19	29.7	12.1	N	12.9	27
20	29.7	5.7	NNW	6.4	46
21	29.71	3.8	N	5.8	51
22	29.71	3	NNW	1.5	54
23	29.7	3.1	WSW	0	56
<u>Avg</u>	<u>29.852</u>	<u>6.438</u>		<u>10.546</u>	<u>44.875</u>

Weather Data for
25-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.68	1.3	WSW	0	62
1	29.68	0.4	WSW	0	63
2	29.64	0.1	WSW	0	66
3	29.62	-0.5	WSW	0	69
4	29.6	0.1	WSW	0.6	67
5	29.59	-0.5	W	1.7	70
6	29.57	1.8	WSW	2.2	70
7	29.56	9.3	WSW	6.7	50
8	29.54	11.2	WSW	4	44
9	29.51	12.2	W	4.6	42
10	29.48	15.9	WSW	10.5	35
11	29.45	18.6	WSW	10.2	31
12	29.41	17.5	WSW	7.6	31
13	29.42	14.1	NW	17.6	45
14	29.44	14.4	WNW	15.2	50
15	29.45	8.6	NW	13.4	74
16	29.46	9.7	NW	19.6	66
17	29.46	10.8	NNW	14.5	55
18	29.46	9.6	NW	5.3	61
19	29.45	10.2	NNW	5.5	49
20	29.45	5.5	NW	3.1	61
21	29.46	1.8	WNW	3.5	70
22	29.45	0.3	WNW	0	75
23	29.45	1.2	WNW	2.4	83
<u>Avg</u>	<u>29.512</u>	<u>7.233</u>		<u>6.175</u>	<u>57.875</u>

Weather Data for
26-Apr-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.44	3.7	WNW	6.4	74
1	29.44	3.1	NW	5.8	74
2	29.44	2.5	NW	6.4	75
3	29.43	1.1	NW	2	79
4	29.43	1.2	WNW	6	82
5	29.42	0.9	NW	4.6	85
6	29.42	0.7	WNW	8.2	88
7	29.44	6.5	NNW	6.2	72
8	29.44	5.5	WNW	10	78
9	29.45	5.3	NW	5.3	83
10	29.46	7.9	N	16.3	73
11	29.46	11.2	N	9.8	56
12	29.47	10.7	NNW	8.5	56
13	29.48	8.5	NNE	8.2	80
14	29.49	13.4	NW	9.3	52
15	29.49	11.5	NW	12.5	49
16	29.5	10.1	NW	12.5	60
17	29.52	10.8	NNW	15.8	47
18	29.55	6.5	NNW	10.2	68
19	29.56	4.7	NW	5.3	78
20	29.59	4.1	N	7.1	81
21	29.63	3.5	NNW	6	87
22	29.63	3	NNW	6.2	84
23	29.63	3.1	NNW	7.3	83
<u>Avg</u>	<u>29.492</u>	<u>5.813</u>		<u>8.163</u>	<u>72.667</u>

Weather Data for
27-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.64	-0.6	N	2.4	87
1	29.66	0.7	NW	0	92
2	29.65	0.6	WNW	2	92
3	29.66	-1.3	W	0	91
4	29.67	0.2	WNW	8.2	94
5	29.69	0.6	NW	6.4	86
6	29.77	0.3	WNW	6	82
7	29.73	4.8	NW	10.2	64
8	29.74	7.9	NW	12.9	52
9	29.75	10.3	NNW	11.6	44
10	29.77	11.2	N	8.2	38
11	29.79	12.4	WNW	10.7	37
12	29.79	12.5	NW	12	34
13	29.78	13.1	NW	15.6	37
14	29.8	13.2	N	17.8	34
15	29.79	13.2	NNW	7.6	31
16	29.77	15.3	NW	15.8	24
17	29.78	13.5	NW	10.2	24
18	29.79	12.4	NNW	8.9	29
19	29.81	9.9	NNW	10.2	39
20	29.82	8.7	NW	10	41
21	29.85	6.8	NW	5.3	47
22	29.87	6.3	NNW	8.7	55
23	29.88	5.8	NNW	9.8	66
<u>Avg</u>	<u>29.760</u>	<u>7.408</u>		<u>8.771</u>	<u>55.000</u>

Weather Data for
28-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.89	3.7	NNW	0.6	81
1	29.89	2.4	NNW	2	83
2	29.9	1.2	NNE	9.1	87
3	29.91	0.3	NE	4.9	77
4	29.91	-0.2	NNE	6.4	73
5	29.9	-1.2	NNE	3.3	72
6	29.92	-3.5	NE	0	75
7	29.94	6.4	NE	0	51
8	29.96	7.7	NW	3.8	52
9	29.94	11	NW	5.5	37
10	29.94	10.7	W	6	32
11	29.94	12.4	WNW	2.2	29
12	29.92	14.9	NNW	8.2	24
13	29.9	13.5	SSW	0.6	23
14	29.88	15	WNW	10	19
15	29.87	14.7	W	4.4	19
16	29.85	16.1	W	7.1	19
17	29.85	16.6	N	6	19
18	29.85	12.4	NNW	4.2	22
19	29.86	10.2	N	4	31
20	29.87	6.7	N	1.1	39
21	29.88	5.9	N	0	46
22	29.88	4.5	WSW	0	53
23	29.89	5	SW	3.8	59
<u>Avg</u>	<u>29.898</u>	<u>7.767</u>		<u>3.883</u>	<u>46.750</u>

Weather Data for
29-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.89	4.6	SW	0	58
1	29.88	4	SW	0	61
2	29.87	3.1	SW	0	62
3	29.86	1.8	SW	0	68
4	29.87	0.4	S	0	74
5	29.86	-0.8	S	0	76
6	29.86	-2.1	S	0	79
7	29.88	10.2	NE	0	55
8	29.88	12.8	E	5.5	38
9	29.88	14.1	SE	0	33
10	29.87	16.7	SE	3.5	23
11	29.87	17.6	SE	5.3	19
12	29.86	15.8	NNE	2.4	23
13	29.85	13.9	ESE	0	23
14	29.86	12.8	NW	1.1	30
15	29.85	12.9	N	1.7	31
16	29.85	12.2	NNW	8.2	33
17	29.85	10.9	N	4	37
18	29.86	12.2	N	6.4	34
19	29.86	10.1	NNE	4.2	36
20	29.87	5.5	NNE	0	45
21	29.88	1.4	N	0	54
22	29.9	0.7	N	0	57
23	29.9	0.9	N	4.6	55
<u>Avg</u>	<u>29.869</u>	<u>7.988</u>		<u>1.954</u>	<u>46.000</u>

Weather Data for
30-Apr-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.9	-0.4	NNE	0	52
1	29.9	-2.1	N	0	60
2	29.9	-3.2	NNW	2.2	62
3	29.91	-4.9	NW	0	62
4	29.92	-4.9	W	0	66
5	29.93	-5.4	W	0	66
6	29.93	-1.6	W	0	67
7	29.94	2.5	N	0	56
8	29.95	9.2	NNW	6.2	38
9	29.95	12.5	WNW	5.3	24
10	29.94	12.6	NW	4.9	22
11	29.95	9.9	NW	10	33
12	29.94	11.8	NNW	6.7	30
13	29.93	11.4	NW	8	35
14	29.92	13.3	NW	7.8	28
15	29.93	10.4	NNW	15.6	39
16	29.91	12.6	W	11.6	33
17	29.92	12.4	NW	13.1	33
18	29.92	11.2	WNW	5.8	34
19	29.94	7.9	NW	6	45
20	29.96	4.4	NW	2.4	52
21	29.96	1.5	WNW	0	57
22	29.96	0.8	SW	0	62
23	29.96	0.1	SW	0	70
<u>Avg</u>	<u>29.932</u>	<u>5.083</u>		<u>4.400</u>	<u>46.917</u>

Weather Data for
1-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.96	1.2	WSW	6.9	72
1	29.96	3.6	W	2.4	69
2	29.94	3.6	WSW	5.3	73
3	29.96	2.5	W	4.9	71
4	29.97	1.5	WNW	8.9	79
5	29.97	1.6	W	6.2	77
6	29.98	0.6	WNW	8.7	79
7	30	5.6	NW	5.8	58
8	30.01	7.8	NW	12	44
9	30.01	9.5	NW	15.8	38
10	30.01	7.6	WNW	8.9	41
11	30	8.5	WNW	14.5	34
12	30	6.4	NW	11.4	30
13	29.99	7.1	NW	7.1	32
14	30	6.9	WNW	14.3	32
15	30	6.1	NW	12.3	42
16	30	6	NNW	8.9	45
17	29.99	5.5	WNW	15.6	42
18	29.99	6.2	NW	9.3	42
19	29.99	5.1	WNW	11.4	41
20	29.99	4.5	W	10.7	50
21	30.01	2.5	NW	5.5	68
22	30.01	2.5	W	4.2	72
23	30.01	4.4	NW	2.4	66
<u>Avg</u>	<u>29.990</u>	<u>4.867</u>		<u>8.892</u>	<u>54.042</u>

Weather Data for
2-May-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30	1.1	W	2.4	74
1	30	1.5	NW	8.2	76
2	29.99	0.8	NW	2.4	77
3	30.01	0.2	NW	17.4	82
4	30.01	-0.8	NNW	7.6	89
5	30.01	-1.6	NW	5.5	89
6	30.03	-0.9	NW	7.8	82
7	30.06	-0.8	NW	11.1	72
8	30.07	-0.3	NW	8.5	71
9	30.09	0.6	NW	10.2	66
10	30.1	2	WNW	6.2	59
11	30.11	2.9	W	9.3	56
12	30.11	3.9	WNW	13.8	52
13	30.11	3.4	NW	12.9	55
14	30.1	4.1	NNW	11.1	55
15	30.09	5.1	WNW	6.2	54
16	30.08	6.1	WNW	12.3	50
17	30.05	10.7	NW	9.1	37
18	30.03	10.2	NW	1.3	36
19	30.01	9.1	NNE	2.4	37
20	30.02	1.7	NNW	0	52
21	30.04	-0.6	NNE	6	53
22	30.05	-0.6	SE	4	58
23	30.06	0.8	ESE	5.5	63
<u>Avg</u>	<u>30.051</u>	<u>2.442</u>		<u>7.550</u>	<u>62.292</u>

Weather Data for
3-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.06	-0.7	SE	1.7	65
1	30.06	-4.5	SE	0	73
2	30.06	-5.5	SE	0	79
3	30.06	-5.7	SE	0	78
4	30.06	-6.7	SE	0	77
5	30.07	-8.2	WSW	0	75
6	30.08	-7.4	WSW	0	73
7	30.1	7.5	NW	4.9	45
8	30.11	8.2	NNW	6.7	19
9	30.11	11	NNW	10.9	19
10	30.12	11.5	NW	15.6	19
11	30.13	13.4	NW	13.8	19
12	30.12	14	NW	7.8	19
13	30.11	14.1	NW	5.3	19
14	30.14	14.5	NW	7.8	19
15	30.08	15.3	NNW	10.5	19
16	30.07	15.9	NW	8	19
17	30.06	16.1	NW	8.5	19
18	30.06	13.9	NW	6.9	19
19	30.07	11.8	NNW	2.9	19
20	30.08	5	NNW	3.3	19
21	30.1	3.9	N	2.2	19
22	30.12	2.8	NNE	0	30
23	30.12	-0.4	N	0	42
<u>Avg</u>	<u>30.090</u>	<u>5.825</u>		<u>4.867</u>	<u>37.625</u>

Weather Data for
4-May-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.12	2.7	N	0	47
1	30.13	1.4	N	0	49
2	30.14	0.7	NNE	0	53
3	30.15	0.3	NNE	0	54
4	30.16	-0.8	NNE	0	58
5	30.16	-0.7	NNE	0	58
6	30.18	-1.1	NNE	0	55
7	30.2	0.4	NNE	0	28
8	30.21	5.4	S	5.5	22
9	30.21	10.8	SW	7.6	19
10	30.21	13.2	SSW	8.2	19
11	30.21	14.4	WSW	9.8	19
12	30.2	15.2	WSW	9.8	19
13	30.17	15.9	SW	4.2	19
14	30.16	16.6	SE	5.8	19
15	30.14	20.8	S	8.9	19
16	30.13	20.6	SSW	3.8	19
17	30.11	22.1	SSW	7.3	19
18	30.1	19.4	SW	6.4	19
19	30.11	16.9	SW	9.8	19
20	30.11	12.7	SSE	6.2	27
21	30.12	11.5	SSE	5.3	30
22	30.13	10.4	SSE	5.8	32
23	30.14	8.5	SSE	6.4	37
<u>Avg</u>	<u>30.154</u>	<u>9.888</u>		<u>4.617</u>	<u>31.625</u>

Weather Data for
5-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.15	7.6	S	9.1	42
1	30.15	7	SSE	7.1	43
2	30.15	6.8	SE	6.2	44
3	30.15	6.1	S	6.7	46
4	30.14	5.5	SSE	10.2	48
5	30.14	6.6	S	10.2	46
6	30.15	8.2	S	6.2	46
7	30.16	9.5	S	8.5	46
8	30.16	12.7	SSW	14.7	39
9	30.16	16.2	SSW	10.7	29
10	30.15	17.5	SW	8.9	32
11	30.14	21.8	S	6.9	28
12	30.11	23.4	SW	13.6	25
13	30.09	23.8	WSW	10	24
14	30.08	23	WSW	13.1	23
15	30.05	23.4	SW	14.9	20
16	30.03	23.6	SSW	10.7	22
17	30.01	23.3	SW	14	23
18	30	21.8	SSW	14.5	22
19	29.99	20	SSW	13.8	30
20	30	17.2	SSW	9.8	37
21	30.02	14.6	S	8.5	46
22	30.02	13.5	S	10.5	48
23	30.02	13.6	SSW	7.1	52
<u>Avg</u>	<u>30.093</u>	<u>15.279</u>		<u>10.246</u>	<u>35.875</u>

Weather Data for
6-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.01	12.4	SSW	6	57
1	30	13.4	SW	5.3	60
2	29.99	13.8	WSW	9.6	65
3	29.98	14.7	WSW	7.1	68
4	29.98	14.5	WSW	8	71
5	29.98	12.5	WSW	6	78
6	29.99	12.7	SW	3.3	82
7	30	16.5	SW	8.2	66
8	30	19.4	WSW	9.3	56
9	29.99	22.3	WSW	8.2	50
10	29.98	24.3	WSW	7.8	48
11	29.98	23.7	W	2.9	46
12	29.96	25.6	SW	7.3	39
13	29.94	26.1	WSW	12.3	39
14	29.93	26.5	W	8.9	38
15	29.91	27.1	SSW	5.8	37
16	29.89	27.7	WSW	6.4	34
17	29.88	24.7	SW	7.1	40
18	29.88	24.7	SW	6	42
19	29.88	22.4	SSW	8.9	48
20	29.88	20.2	SW	5.5	55
21	29.9	17.9	SSW	4.6	62
22	29.91	17.7	SW	6.9	66
23	29.91	16.8	SW	2	69
<u>Avg</u>	<u>29.948</u>	<u>19.900</u>		<u>6.808</u>	<u>54.833</u>

Weather Data for
7-May-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.91	16.7	SW	4.4	71
1	29.89	17.1	SW	4.2	70
2	29.9	16.9	WSW	9.8	77
3	29.9	15.9	SW	9.8	93
4	29.93	14.9	NW	7.8	94
5	29.91	14.4	SE	2.9	96
6	29.9	15.5	ESE	7.8	85
7	29.91	15.8	SE	5.5	86
8	29.91	16.9	SE	7.1	84
9	29.91	19.7	ESE	6.2	76
10	29.91	20.8	SSE	12.5	75
11	29.89	24.9	SSE	6	57
12	29.86	25.8	SSE	13.6	51
13	29.84	27	SSE	12.9	42
14	29.83	27.1	SW	19.6	40
15	29.81	27.2	SW	10	38
16	29.78	27.4	S	23.7	38
17	29.78	25.5	SSW	14.3	44
18	29.78	24.1	SSW	13.4	52
19	29.77	23.4	S	9.8	54
20	29.77	20.4	S	10.7	64
21	29.78	19.7	SSE	10.9	67
22	29.8	19.4	S	12	68
23	29.79	18.5	S	8.2	69
<u>Avg</u>	<u>29.853</u>	<u>20.625</u>		<u>10.129</u>	<u>66.292</u>

Weather Data for
8-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.79	17.8	S	10.2	73
1	29.78	18.2	S	6.7	73
2	29.78	17.1	S	6.7	78
3	29.8	16.2	SSW	5.3	83
4	29.8	16.6	SW	4.9	80
5	29.79	16.2	S	9.8	82
6	29.79	16.3	S	6.9	80
7	29.8	16.9	S	8.7	77
8	29.8	18	SSE	15.2	74
9	29.78	19.1	SSW	13.6	69
10	29.78	19.9	S	13.6	65
11	29.77	23.2	S	17.6	54
12	29.76	25.1	S	15.6	49
13	29.74	25	S	17.4	51
14	29.72	27.8	SSW	18.1	45
15	29.72	27.3	SSW	16.7	43
16	29.72	23.7	S	27.7	55
17	29.72	21.7	SSW	35.3	57
18	29.71	18.2	SSW	21.2	81
19	29.69	18.4	S	17.6	78
20	29.71	17.5	SSW	15.4	83
21	29.75	17.3	SSW	12.3	83
22	29.74	16.9	S	13.6	85
23	29.73	17.1	SSW	16.1	84

110 ??MPH GUST @ 12:53

Avg 29.757 19.646 14.425 70.083

Weather Data for
9-May-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.72	16.7	S	12.7	83
1	29.68	16.5	S	14.7	83
2	29.65	16.2	SSW	9.8	85
3	29.67	15.7	SSE	11.8	87
4	29.68	14.5	S	6.4	93
5	29.68	13.7	S	6.4	96
6	29.68	13.8	SSE	7.8	96
7	29.68	15.2	SSW	11.1	94
8	29.68	17.6	SSW	15.4	84
9	29.65	19.5	SW	10.9	69
10	29.64	19.7	S	12.5	67
11	29.63	23.6	SW	10.2	51
12	29.62	23.1	WSW	10	47
13	29.62	22.8	WSW	15.6	47
14	29.62	24.6	WSW	11.6	43
15	29.62	23	WSW	15.2	46
16	29.62	23	W	8.7	43
17	29.62	23.3	W	8.9	47
18	29.62	21.2	W	9.3	47
19	29.63	20.4	WNW	8.2	50
20	29.65	18.7	W	1.5	57
21	29.68	17.5	W	4.9	64
22	29.69	16.4	W	2	70
23	29.7	14.4	WNW	3.5	76
<u>Avg</u>	<u>29.655</u>	<u>18.796</u>		<u>9.546</u>	<u>67.708</u>

Weather Data for
10-May-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.7	14.7	W	5.1	76
1	29.7	14.4	WNW	7.3	76
2	29.7	12.5	WNW	5.1	85
3	29.71	11.5	WNW	3.1	88
4	29.73	11.2	W	2.9	93
5	29.74	10.6	WNW	2.2	93
6	29.76	11.3	WNW	4.6	96
7	29.78	14.4	WNW	4	73
8	29.8	15.3	N	9.6	76
9	29.81	19.8	NNW	6.4	60
10	29.81	21.6	NW	8.5	51
11	29.82	24.2	NW	3.5	44
12	29.81	25.7	W	3.5	40
13	29.8	26.8	W	3.5	37
14	29.8	28.5	NE	3.8	32
15	29.78	29.6	SE	0.4	30
16	29.77	30.1	SE	5.5	29
17	29.77	28.8	ENE	1.5	30
18	29.75	26.8	ESE	0.6	35
19	29.77	25.7	E	6.4	37
20	29.77	22.4	ENE	1.7	46
21	29.81	21.3	NE	1.3	50
22	29.77	20.4	ESE	5.3	55
23	29.72	20.3	SE	10.5	54
<u>Avg</u>	<u>29.766</u>	<u>20.329</u>		<u>4.429</u>	<u>57.750</u>

Weather Data for
11-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.72	20.6	SSE	11.6	52
1	29.77	16.8	E	11.6	74
2	29.83	15.7	SSE	0	88
3	29.85	14.2	ESE	5.5	96
4	29.89	13.8	ENE	5.3	96
5	29.9	13.7	ENE	6.2	96
6	29.84	13.7	E	10.2	96
7	29.89	13.8	SSE	8.2	96
8	29.92	14.2	NNE	3.8	96
9	29.94	15.7	ENE	2.6	96
10	29.9	17.6	E	12.7	82
11	29.93	18.2	ENE	11.4	79
12	29.95	19.1	ENE	9.1	76
13	29.98	19.8	E	9.1	73
14	30.01	16.5	ENE	4.6	82
15	30.01	17	E	8.2	78
16	30.03	14.7	ESE	4.4	83
17	30.03	13.7	ESE	7.1	84
18	30.05	12.4	E	8.2	90
19	30.02	12.1	ESE	17.4	87
20	30.05	11.4	ESE	10.9	84
21	30.11	11.5	ESE	10.7	81
22	30.12	11.2	E	12.3	81
23	30.13	11.1	SE	22.1	81
<u>Avg</u>	<u>29.953</u>	<u>14.938</u>		<u>8.883</u>	<u>84.458</u>

Weather Data for
12-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.12	10.7	ESE	12.3	81
1	30.14	9.2	E	12	70
2	30.11	8.1	ESE	15.4	68
3	30.13	7.5	E	13.6	72
4	30.14	7.3	ENE	8.2	75
5	30.14	6.8	ENE	7.8	77
6	30.14	5.8	SE	15.6	79
7	30.13	5.1	SE	11.6	82
8	30.12	5.4	ESE	9.1	84
9	30.14	6	SSE	6.7	84
10	30.15	5.5	ESE	7.1	90
11	30.11	5.7	SE	16.3	96
12	29.97	6.3	E	14	96
13	30.02	11.7	S	14.9	78
14	30.06	10.3	SSE	16.7	86
15	30.04	10.4	SSE	9.1	88
16	30	11.2	SE	12.7	87
17	29.99	11.2	SE	19.4	87
18	29.96	11.1	ENE	10.5	89
19	29.94	10.6	SE	15.8	89
20	30.08	10.3	NNW	8.7	92
21	30.03	9.8	E	2.6	96
22	30	9.8	ESE	5.3	96
23	29.94	10.4	ESE	11.4	96
<u>Avg</u>	<u>30.067</u>	<u>8.592</u>		<u>11.533</u>	<u>84.917</u>

Weather Data for
13-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.86	10.1	SE	12.5	96
1	29.87	9.5	SSE	19.4	93
2	29.87	8.7	SSE	5.8	90
3	29.85	8.4	S	15.2	96
4	29.8	8.8	SSE	16.3	96
5	29.84	9.2	E	0	96
6	29.81	9.8	ESE	0	96
7	29.83	12.2	SSE	2.4	96
8	29.82	11.5	S	6.4	96
9	29.82	12.6	S	7.6	96
10	29.82	15.2	SSW	4	91
11	29.81	19.2	WSW	6.9	77
12	29.81	18.8	W	8	73
13	29.8	16.7	WNW	9.1	83
14	29.82	16.8	NNW	11.1	76
15	29.82	16.2	WNW	11.6	72
16	29.82	16.2	NW	7.1	71
17	29.82	14.4	NW	8.9	79
18	29.83	13.2	NNW	7.3	82
19	29.85	14.7	NW	3.3	75
20	29.84	12.2	NW	0	86
21	29.85	11.5	NNW	9.3	81
22	29.86	11.1	NNW	8	81
23	29.85	9.1	NW	6	83
<u>Avg</u>	<u>29.832</u>	<u>12.754</u>		<u>7.758</u>	<u>85.875</u>

Weather Data for
14-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.85	7	WNW	5.8	96
1	29.85	5.1	WNW	2.9	96
2	29.83	3.4	W	1.3	96
3	29.83	3.2	WNW	4.4	96
4	29.82	2.9	WNW	2	96
5	29.84	2.2	WNW	4	96
6	29.84	6.5	W	0	96
7	29.83	12.6	W	6.4	61
8	29.8	13.7	WSW	4	54
9	29.81	14.4	WSW	12.7	58
10	29.81	11.5	NW	14.5	68
11	29.83	13.1	NW	14.3	52
12	29.85	11.7	NW	18.7	54
13	29.85	13.1	NW	13.8	52
14	29.86	12.5	NW	11.4	50
15	29.88	10.8	NNW	12.3	57
16	29.88	10.1	WNW	16.5	64
17	29.9	9.5	N	17.4	69
18	29.9	9.4	NW	14.5	72
19	29.92	8.2	NW	9.8	75
20	29.92	7.4	NNW	9.1	76
21	29.93	5.1	NNW	9.3	79
22	29.84	5	NNW	5.8	82
23	29.83	4.5	NW	10.7	84
<u>Avg</u>	<u>29.854</u>	<u>8.454</u>		<u>9.233</u>	<u>74.125</u>

Weather Data for
15-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.94	3.8	NNW	6.4	87
1	29.94	3.1	NW	12.7	83
2	29.93	2.2	N	9.6	87
3	29.94	1.3	NNW	5.8	92
4	29.95	0.9	NNW	8	96
5	29.96	0.7	NNW	6	96
6	29.98	4.6	N	6.2	96
7	29.99	9.2	NNW	13.6	66
8	30.01	10.7	NNW	10.5	59
9	30.03	9.2	NNE	6	63
10	30.03	10.4	NNW	6.4	58
11	30.03	12.2	NNW	9.6	51
12	30.02	13.1	NNW	8	48
13	30.01	11.9	N	12.9	49
14	30.01	12.5	N	13.1	47
15	30.01	12.9	N	11.1	47
16	30.01	12.8	N	12.3	48
17	30.01	13.1	NNW	13.4	48
18	30	11.7	NNE	8	51
19	29.99	10.7	N	0.8	54
20	29.99	7.2	NE	0	68
21	29.99	5.5	E	4.9	78
22	30	5.8	E	5.8	74
23	29.99	5.1	E	4.9	74
<u>Avg</u>	<u>29.950</u>	<u>7.942</u>		<u>8.167</u>	<u>67.500</u>

Weather Data for
16-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30	2.4	SSE	0	77
1	30.01	1	SSE	0	87
2	30.01	1.1	SSE	0	91
3	30.01	1.5	SSE	4.9	82
4	30	2.3	S	4.2	93
5	30	2.2	S	2.9	89
6	30.01	6.2	S	2	83
7	30.02	10.1	SSW	6.7	62
8	30.03	12.2	SSW	12.9	55
9	30.01	14.1	SW	11.1	51
10	30	12.5	S	5.3	59
11	29.99	13.5	S	9.3	58
12	29.98	12.8	SSW	6.7	61
13	29.96	11.8	SSW	9.6	76
14	29.94	12.1	S	7.8	77
15	29.91	13.9	S	13.8	66
16	29.88	15.8	SSE	10	56
17	29.87	15.7	SE	6.2	55
18	29.84	16.9	S	16.1	47
19	29.85	16.5	S	10.7	50
20	29.84	13.9	SSE	6	53
21	29.85	12.8	SSE	7.3	64
22	29.87	12.5	SSE	9.3	64
23	29.87	10.5	SE	5.3	73
<u>Avg</u>	<u>29.948</u>	<u>10.179</u>		<u>7.004</u>	<u>67.875</u>

Weather Data for
17-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.88	10.6	SE	10.9	78
1	29.87	11.3	SE	7.3	72
2	29.86	11.3	SE	4.6	72
3	29.86	11.6	SSE	9.6	70
4	29.85	11.4	SSE	13.6	71
5	29.85	11.5	SSE	8.9	70
6	29.85	14.8	SSE	7.3	71
7	29.85	16.7	SSE	13.4	71
8	29.86	19.3	SSE	10.9	68
9	29.85	21.7	SSE	6.9	64
10	29.85	22.5	S	16.1	59
11	29.85	23.7	SSW	14.3	53
12	29.83	21.7	SSE	14.9	46
13	29.82	22.5	SSE	18.1	45
14	29.8	23.7	SSE	8.5	39
15	29.78	24.8	SSE	19.9	36
16	29.77	23.5	S	15.4	38
17	29.76	25.4	S	16.3	35
18	29.75	23.6	S	17.8	37
19	29.76	21.5	SSE	19	40
20	29.77	19.4	SSE	6	47
21	29.78	17.8	SSE	6.7	50
22	29.79	17.5	S	11.6	48
23	29.79	16.9	S	10.9	50
<u>Avg</u>	<u>29.820</u>	<u>18.529</u>		<u>12.038</u>	<u>55.417</u>

Weather Data for
18-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.82	16.1	S	7.3	55
1	29.81	16.3	SSE	10.7	54
2	29.82	14	SSE	8	73
3	29.8	14.5	SSE	7.1	68
4	29.8	13.7	S	10.7	73
5	29.78	13.2	SSE	12.7	75
6	29.78	13.5	ESE	12.3	73
7	29.77	16.6	SE	9.8	62
8	29.8	17.2	S	19	62
9	29.79	17.5	SSE	6	61
10	29.79	16.9	S	8.9	71
11	29.78	16.5	SSE	6.2	71
12	29.77	16.8	S	15.8	72
13	29.76	16.2	SSE	12.3	81
14	29.74	20.8	SSE	19.2	61
15	29.7	20	S	17	70
16	29.72	17.7	S	14.3	80
17	29.7	18.1	SE	11.6	79
18	29.68	17.7	S	11.1	81
19	29.69	16.8	SSE	8.2	88
20	29.68	16.2	SSE	9.1	93
21	29.68	17	SSE	6.4	88
22	29.68	16	SSE	6.4	90
23	29.7	16.5	SSE	7.6	89
<u>Avg</u>	<u>29.752</u>	<u>16.492</u>		<u>10.738</u>	<u>73.750</u>

Weather Data for
19-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.69	15.4	SSW	3.5	96
1	29.69	14.7	WSW	0	96
2	29.67	14.1	WSW	0	96
3	29.67	13.3	SW	0	96
4	29.68	11.5	S	0	96
5	29.68	10.6	S	0	96
6	29.69	10.4	S	0	96
7	29.69	19.5	S	0	70
8	29.7	23.2	SW	0.6	57
9	29.7	24.7	WSW	6.7	51
10	29.69	25.9	WSW	8.7	49
11	29.68	27.2	NW	12.7	43
12	29.67	27.9	N	6	43
13	29.67	26.6	NNW	5.1	42
14	29.67	28.2	NW	5.5	40
15	29.66	27.8	NNW	9.8	36
16	29.65	28.6	NNW	11.8	34
17	29.65	27.8	NNW	5.8	38
18	29.67	25.4	N	5.8	46
19	29.69	23.7	NNE	11.1	47
20	29.71	20.4	NNE	1.7	63
21	29.74	17.9	NE	3.8	77
22	29.76	16.2	NE	2.2	84
23	29.77	15.4	NNE	3.3	87
<u>Avg</u>	<u>29.689</u>	<u>20.683</u>		<u>4.338</u>	<u>65.792</u>

Weather Data for
20-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.79	14.5	NE	3.5	89
1	29.79	13.7	NE	0	96
2	29.81	12.9	NE	3.5	96
3	29.82	12.5	NE	0	96
4	29.85	13.2	ENE	0	96
5	29.87	13.7	ENE	0	96
6	29.9	13.2	ENE	4.9	96
7	29.93	13.1	ENE	6.2	87
8	29.94	13.3	E	3.1	86
9	29.96	13	E	6	85
10	29.97	13.2	ENE	4.2	83
11	29.97	15.2	E	5.5	69
12	29.98	16.2	NNE	4	65
13	29.98	19.2	NE	0	57
14	29.98	20.9	ENE	2.4	51
15	29.97	20.4	ENE	0	53
16	29.97	20.8	NE	1.3	52
17	29.96	19.7	ESE	6.2	58
18	29.96	19.2	SE	9.8	59
19	29.96	18.1	ESE	1.3	62
20	29.97	14.9	SE	2.4	76
21	29.98	13.2	SE	0	82
22	29.98	13.3	SSE	0	86
23	29.97	11.1	WSW	0	89
<u>Avg</u>	<u>29.928</u>	<u>15.354</u>		<u>2.679</u>	<u>77.708</u>

Weather Data for
21-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.96	11.4	WSW	0	93
1	29.96	11.5	SW	0	96
2	29.94	10.9	SSE	1.3	96
3	29.94	10.9	SSE	4.6	96
4	29.96	10.7	SSE	0	96
5	29.96	10.9	SSE	2.4	96
6	29.94	13.1	SE	4.4	96
7	29.97	16.4	SSE	0	78
8	30	14.3	W	0	86
9	29.96	14.6	SE	3.5	85
10	29.94	15	SSE	7.6	85
11	29.95	14.7	E	2	88
12	29.92	15.7	SE	9.3	86
13	30.01	15.2	ENE	2.4	83
14	29.92	14.8	SE	6.7	89
15	29.81	14.5	SSE	25	79
16	29.77	16.3	WSW	9.1	73
17	29.71	17.2	SW	18.7	63
18	29.8	18.2	ENE	4.9	55
19	29.8	16.9	SSE	6	64
20	29.83	15.4	ESE	3.3	75
21	29.84	14.8	ESE	6.9	80
22	29.84	15.1	SSE	6.4	78
23	29.83	14.5	SE	7.1	81
<u>Avg</u>	<u>29.898</u>	<u>14.292</u>		<u>5.483</u>	<u>83.208</u>

Weather Data for
22-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.82	14.6	SSE	10	83
1	29.8	14.4	SSE	5.8	86
2	29.8	13.9	SSE	3.8	86
3	29.81	13.8	SSW	8.7	90
4	29.81	13.4	WSW	2.2	89
5	29.8	11.3	W	0	93
6	29.8	15.8	SW	0	93
7	29.81	21.7	WNW	4.6	54
8	29.82	24.1	NNW	8.5	42
9	29.82	24.8	WNW	11.1	35
10	29.81	25.2	N	16.5	33
11	29.79	25.1	NW	12.9	23
12	29.77	26.2	NW	14.7	23
13	29.76	25.9	NW	11.8	28
14	29.75	27	NW	17.6	28
15	29.73	27.2	NW	13.6	28
16	29.73	26.9	NNW	17	30
17	29.72	25.9	N	28.4	30
18	29.72	24.1	NNW	8	35
19	29.72	23	NW	6.2	37
20	29.73	19	NNW	5.8	46
21	29.74	16	NW	3.3	54
22	29.75	13.5	NNW	2.9	65
23	29.75	13.1	NW	2.4	67
<u>Avg</u>	<u>29.773</u>	<u>20.246</u>		<u>8.992</u>	<u>53.250</u>

Weather Data for
23-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.74	11.7	WNW	3.8	74
1	29.73	12.8	NW	6	71
2	29.71	11.4	NW	6.7	75
3	29.7	11.1	NNW	6.2	78
4	29.68	10.5	NW	5.8	80
5	29.7	11	NNW	6.9	80
6	29.72	16.7	NNW	2.9	63
7	29.75	21.1	NW	6	45
8	29.75	24.5	NNW	10.7	35
9	29.76	25.1	NNW	13.8	34
10	29.76	25.1	N	10.5	31
11	29.76	26.1	N	11.8	30
12	29.77	26.4	NW	9.1	32
13	29.77	26.2	NNW	14.5	34
14	29.77	25.7	NNW	8.2	33
15	29.76	26.4	NNE	14	31
16	29.76	26.5	NNW	9.1	29
17	29.77	25.6	NNE	11.8	31
18	29.77	23.6	N	8.7	36
19	29.79	22.4	N	6.7	38
20	29.8	18.9	NE	5.5	49
21	29.82	16.2	NE	0	58
22	29.85	14.5	NE	0	62
23	29.86	12.4	ENE	0	73
<u>Avg</u>	<u>29.760</u>	<u>19.663</u>		<u>7.446</u>	<u>50.083</u>

Weather Data for
24-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.87	12.5	ENE	0	80
1	29.86	12	ENE	0	81
2	29.87	12.1	ENE	4	81
3	29.88	12.7	E	4.6	78
4	29.89	12.4	ENE	1.7	77
5	29.89	11.6	ENE	6.4	82
6	29.91	15.2	ESE	6	70
7	29.93	18.2	ESE	4.6	56
8	29.93	21.1	SE	6.4	48
9	29.94	22.9	ESE	1.5	40
10	29.93	23.4	SE	4	37
11	29.93	24.2	E	5.5	33
12	29.93	25.2	ESE	6	29
13	29.93	25.2	SSW	0	30
14	29.92	26.7	SE	6	28
15	29.91	26.7	NE	0	29
16	29.88	27	ENE	7.1	26
17	29.88	26.2	SE	6	27
18	29.88	24.5	SE	6	31
19	29.87	23.4	SE	1.3	33
20	29.87	19.5	ESE	4.4	43
21	29.89	19	ESE	6.4	45
22	29.92	18.2	SE	5.3	48
23	29.91	17.5	SE	7.3	49
<u>Avg</u>	<u>29.901</u>	<u>19.892</u>		<u>4.188</u>	<u>49.208</u>

Weather Data for
25-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.93	16.8	SE	4	52
1	29.93	16.6	SE	9.8	52
2	29.93	15.5	SE	4.6	56
3	29.93	15.5	SE	4.6	56
4	29.94	13.7	SSE	8.9	67
5	29.94	13.2	SSE	5.5	69
6	29.96	13.2	SSE	6.2	70
7	29.98	14.5	SSE	3.3	65
8	29.97	17.1	S	10.7	56
9	29.97	17.9	SSE	9.8	52
10	29.97	19.3	SSE	7.8	47
11	29.98	19.3	SSE	13.4	45
12	29.96	20.8	SSE	12	44
13	29.93	21.9	SSE	10.7	41
14	29.91	21.4	S	11.8	40
15	29.9	23.4	SSW	5.8	39
16	29.88	21.2	SSW	6.9	42
17	29.87	22.1	SSW	12.3	40
18	29.85	21.1	SSW	10.9	46
19	29.84	20.7	S	11.1	48
20	29.84	20.1	SSW	15.2	52
21	29.88	17.2	NW	11.8	72
22	29.91	14.1	NNW	13.8	90
23	29.93	12.9	NNW	11.1	96
<u>Avg</u>	<u>29.922</u>	<u>17.896</u>		<u>9.250</u>	<u>55.708</u>

Weather Data for
26-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.93	11.2	NW	5.5	88
1	29.94	9.1	NNW	6	96
2	29.95	7.8	NNW	0	96
3	29.96	7.6	NW	3.1	96
4	29.96	6.4	WNW	4.6	96
5	29.96	5.2	W	0	96
6	29.95	11.4	SW	3.8	96
7	29.96	14.8	WNW	5.3	66
8	29.96	18.4	WNW	7.8	56
9	29.96	21.5	NNW	0	45
10	29.95	22.7	WNW	6.2	38
11	29.95	22.8	WNW	6.2	34
12	29.93	23.4	WNW	13.8	34
13	29.92	24.5	NW	12	27
14	29.91	23.4	NW	10.7	29
15	29.89	23.8	NW	9.1	26
16	29.87	24.1	W	7.3	26
17	29.88	17.6	NW	15.2	49
18	29.86	20.4	W	9.8	40
19	29.85	19.9	W	5.5	40
20	29.85	15.2	SW	2.2	54
21	29.86	12.5	WSW	6	65
22	29.86	12.7	NW	6.9	72
23	29.87	11.7	WNW	6	75
<u>Avg</u>	<u>29.916</u>	<u>16.171</u>		<u>6.375</u>	<u>60.000</u>

Weather Data for
27-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.88	10.8	WNW	6	80
1	29.86	9.4	WNW	3.3	85
2	29.87	8.6	W	2	90
3	29.88	7.2	W	3.8	82
4	29.88	6.3	WSW	0	96
5	29.88	6.2	W	0	96
6	29.89	8.5	W	2.6	96
7	29.89	15.4	W	2.2	64
8	29.89	13.2	WSW	5.3	73
9	29.88	15.7	W	4	62
10	29.87	20.9	NW	5.1	42
11	29.84	21.8	W	7.3	36
12	29.82	22.3	W	3.5	36
13	29.8	20.7	W	10.2	34
14	29.8	21.1	WNW	12.7	31
15	29.79	21.1	NW	14.7	27
16	29.79	20.9	NW	13.8	26
17	29.78	19.4	WNW	11.4	39
18	29.78	18.3	NW	9.1	40
19	29.8	11.4	N	10	79
20	29.79	11.9	WNW	0	80
21	29.79	8.8	W	0	87
22	29.79	8.4	W	0.8	92
23	29.8	7.1	W	3.1	96
<u>Avg</u>	<u>29.835</u>	<u>13.975</u>		<u>5.454</u>	<u>65.375</u>

Weather Data for
28-May-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.79	6.2	WSW	1.5	96
1	29.78	6.3	W	0	96
2	29.78	7.8	W	1.7	96
3	29.79	6.8	W	4.2	96
4	29.8	8.5	WNW	3.1	96
5	29.81	9.7	WNW	3.3	96
6	29.82	10.4	W	0	93
7	29.82	12.9	W	5.8	84
8	29.83	14.8	W	7.8	67
9	29.84	20.1	NW	8.5	47
10	29.84	20.2	W	9.3	44
11	29.84	22.1	WNW	10.5	37
12	29.84	20.8	WNW	8.5	33
13	29.84	20.1	WNW	6.2	34
14	29.83	22.2	NNW	6.7	31
15	29.83	21.9	WNW	3.1	29
16	29.81	22.8	NW	7.6	26
17	29.8	23.1	W	3.5	27
18	29.8	22.2	WNW	3.3	28
19	29.79	20.7	W	2	30
20	29.79	16.5	SSE	3.5	40
21	29.81	14.4	S	4.6	46
22	29.8	13	SSE	5.3	50
23	29.8	12.2	SSW	4	54
<u>Avg</u>	<u>29.812</u>	<u>15.654</u>		<u>4.750</u>	<u>57.333</u>

Weather Data for
29-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.8	11.8	S	4.4	55
1	29.8	11.2	S	5.8	59
2	29.81	10.8	S	6	61
3	29.81	11.1	SSW	4.4	62
4	29.82	12.1	SSW	3.3	60
5	29.85	11.8	W	7.3	65
6	29.87	12.4	WNW	3.3	65
7	29.87	13.7	NNE	7.3	67
8	29.88	14	E	0	71
9	29.87	14	SE	2.6	73
10	29.87	16.5	SSE	10.7	61
11	29.86	19.4	SE	8.5	48
12	29.86	20.8	SSE	6	40
13	29.87	22.8	SSE	1.3	36
14	29.87	22.2	W	2.2	36
15	29.85	22.1	SW	2.6	41
16	29.84	24.1	WSW	4	31
17	29.84	21.7	WSW	6	38
18	29.84	22.2	W	5.3	35
19	29.83	20.5	WNW	4.2	36
20	29.84	16.1	W	2.6	58
21	29.86	14.4	N	5.5	60
22	29.88	13.5	NNW	5.5	62
23	29.89	11.8	NNW	5.8	67
<u>Avg</u>	<u>29.849</u>	<u>16.292</u>		<u>4.775</u>	<u>53.625</u>

Weather Data for
30-May-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.9	10.5	NW	6	72
1	29.9	10.1	NNW	0	76
2	29.92	10.1	NNW	1.1	78
3	29.91	9.8	N	2	78
4	29.93	8.6	N	2.6	83
5	29.94	8.5	NNE	0	83
6	29.96	10.3	NNE	0	76
7	29.96	18.7	N	3.8	49
8	29.97	21.5	N	8	41
9	29.97	23.8	NNE	3.5	32
10	29.97	26.9	WNW	0	27
11	29.97	26.1	ENE	0.8	26
12	29.96	26.9	WNW	0	23
13	29.95	27.2	ENE	1.7	21
14	29.94	26.8	SE	6	21
15	29.94	27.1	S	6.9	25
16	29.93	28.2	E	2.4	22
17	29.93	26.6	ESE	9.3	24
18	29.92	24.1	ENE	0.4	29
19	29.94	23.1	ESE	4.6	32
20	29.94	19.2	ENE	2.6	40
21	29.96	17.8	ENE	2.6	44
22	29.98	17.2	E	6	47
23	29.98	16.8	E	5.3	48
<u>Avg</u>	<u>29.945</u>	<u>19.413</u>		<u>3.150</u>	<u>45.708</u>

Weather Data for
31-May-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.98	16.5	ENE	4.3	49
1	29.98	16.7	ESE	8.5	50
2	29.98	16.4	SE	2.9	52
3	29.99	15.7	SE	4	54
4	30	15	ESE	6.7	58
5	30.01	14.2	E	6.2	62
6	30.01	14.5	ESE	6.2	62
7	30.03	15.2	SE	4	59
8	30.03	17.3	SE	5.5	53
9	30.03	19.5	SE	9.1	42
10	30.02	21.8	SSE	9.1	33
11	30.02	23.8	SSE	11.8	31
12	30.01	25.5	ESE	6.9	28
13	29.99	26.8	ESE	7.3	24
14	29.98	25.9	SSE	6.4	27
15	29.97	25.6	SE	8.9	26
16	29.95	25.1	SE	10.7	27
17	29.94	24.8	SSE	11.1	27
18	29.94	26.2	SSE	0	26
19	29.93	23.4	SE	0	31
20	29.94	20.8	ESE	0	39
21	29.94	21	ESE	5.5	40
22	29.95	19.7	E	6.2	46
23	29.95	17.9	SE	6.2	53
<u>Avg</u>	<u>29.982</u>	<u>20.388</u>		<u>6.146</u>	<u>41.625</u>

Weather Data for
1-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.95	17.7	E	5.8	56
1	29.94	16.9	SE	6	59
2	29.94	16.5	ESE	6.7	61
3	29.93	15.4	ESE	4.4	66
4	29.93	15.1	SE	8.7	68
5	29.94	14.8	ESE	6.4	69
6	29.94	14.5	SE	7.1	70
7	29.94	15.6	ESE	7.6	66
8	29.95	17.8	E	6.9	60
9	29.94	19.7	SE	8.7	55
10	29.94	22.7	SSE	10.9	50
11	29.94	25.4	SE	9.3	45
12	29.92	27.7	S	16.3	31
13	29.9	27.8	SSE	12.3	30
14	29.89	28.7	SSE	12	27
15	29.88	28.7	SSE	16.3	25
16	29.87	27.5	SSE	5.3	28
17	29.86	28.2	SSE	12.3	27
18	29.85	26.7	SE	5.5	29
19	29.85	25.5	SSE	1.7	30
20	29.86	22.8	SE	3.1	38
21	29.85	21.5	SE	5.5	41
22	29.85	20.9	SE	3.8	46
23	29.85	20.2	SE	7.1	48
<u>Avg</u>	<u>29.905</u>	<u>21.596</u>		<u>7.904</u>	<u>46.875</u>

Weather Data for
2-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.85	19	ESE	4	52
1	29.83	18.1	ESE	5.8	56
2	29.82	17.7	ESE	10.7	57
3	29.82	17.1	SE	5.5	59
4	29.84	16.3	SE	6.2	63
5	29.84	15.7	SE	8.2	65
6	29.84	18.2	ESE	7.1	60
7	29.86	22.7	S	6.4	50
8	29.86	24.9	SSE	6.2	44
9	29.85	26.7	SSE	10.5	41
10	29.85	29	S	12.9	33
11	29.84	29.5	SSE	7.8	35
12	29.83	29.2	SE	0.6	32
13	29.8	30.2	S	5.5	31
14	29.79	29.5	S	14.3	32
15	29.77	28.8	SSE	11.6	30
16	29.76	29.7	S	12.3	26
17	29.75	30	SSE	10.2	26
18	29.74	28.8	SE	6	25
19	29.75	27.4	SSE	4.9	27
20	29.75	23.1	SE	1.5	37
21	29.77	19.5	SE	4.2	51
22	29.78	21.5	ESE	4	44
23	29.81	20.7	SE	11.8	56
<u>Avg</u>	<u>29.808</u>	<u>23.888</u>		<u>7.425</u>	<u>43.000</u>

Weather Data for
3-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.81	19.3	SE	5.1	68
1	29.79	17.7	SSE	8.2	75
2	29.79	16.5	SE	6.2	81
3	29.79	15.8	SSE	6.7	85
4	29.77	15.4	SSE	8.2	88
5	29.79	14.5	SE	3.3	90
6	29.8	16.5	S	4	87
7	29.8	18.6	SSE	12	76
8	29.8	21.9	S	12.7	63
9	29.77	23.5	SSW	10	58
10	29.73	25.5	SSE	14	49
11	29.69	25.8	SSE	13.6	48
12	29.7	26.4	S	8.9	45
13	29.7	27.1	SE	14.3	45
14	29.71	27.7	SSW	14	43
15	29.68	28.1	S	9.8	42
16	29.65	29.9	SSE	10.2	38
17	29.65	28	SSE	5.3	43
18	29.68	25.7	S	10.2	48
19	29.68	24.8	SSW	5.3	51
20	29.69	23.5	SE	13.6	58
21	29.68	21.8	SE	2.6	68
22	29.68	21.7	ESE	7.1	68
23	29.67	21.3	SE	10.2	70
<u>Avg</u>	<u>29.729</u>	<u>22.375</u>		<u>8.979</u>	<u>61.958</u>

Weather Data for
4-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.66	21.2	SE	8.5	70
1	29.64	20.3	SSE	8.7	76
2	29.64	19.1	S	9.8	82
3	29.64	18.3	S	9.6	91
4	29.64	18.2	SSE	0	96
5	29.65	18.3	SSE	3.8	96
6	29.62	18.1	SE	4.6	96
7	29.61	18.2	ESE	4	96
8	29.59	20.2	SE	15.4	87
9	29.59	22.1	S	14.5	77
10	29.59	21.8	S	16.1	78
11	29.59	22.2	SSW	18.7	78
12	29.59	23.2	SSW	14.3	75
13	29.58	24.9	SW	19.6	63
14	29.59	27	SW	8.7	56
15	29.58	27.1	WSW	17.2	54
16	29.59	27.4	SW	9.3	53
17	29.59	28.1	WSW	5.1	51
18	29.6	28.4	WSW	2.9	49
19	29.6	25.7	WSW	2.4	60
20	29.58	24	S	0	70
21	29.62	23.5	S	8.9	76
22	29.62	18.6	SSW	7.1	86
23	29.67	17.5	WSW	5.3	96
<u>Avg</u>	<u>29.611</u>	<u>22.225</u>		<u>8.938</u>	<u>75.500</u>

Weather Data for
5-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.58	16.9	ESE	6.7	96
1	29.57	17.1	SSE	14.9	91
2	29.55	17.4	SSW	26.1	86
3	29.54	16.9	S	14	88
4	29.56	16.1	SSW	9.1	92
5	29.59	16.1	S	13.1	89
6	29.61	18.4	S	14.3	80
7	29.61	18.4	SSW	12	81
8	29.61	22.2	SSW	12	69
9	29.58	23.7	SSW	9.8	65
10	29.57	23.6	SW	13.8	62
11	29.58	25.5	WSW	10.5	54
12	29.59	25.7	WSW	13.1	50
13	29.6	25.2	WSW	11.6	54
14	29.61	24.7	WSW	14.7	55
15	29.63	25.5	WSW	8.7	56
16	29.62	26.7	WSW	11.4	51
17	29.63	24.6	WSW	16.7	51
18	29.64	24.8	WSW	5.5	56
19	29.65	24.1	NW	11.6	50
20	29.69	21.3	NW	8.9	61
21	29.71	19.2	WNW	5.5	69
22	29.73	16.4	W	2.2	75
23	29.74	16.5	WSW	3.5	82
<u>Avg</u>	<u>29.616</u>	<u>21.125</u>		<u>11.238</u>	<u>69.292</u>

Weather Data for
6-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.75	16.1	W	2.9	80
1	29.75	15.5	SW	5.3	82
2	29.76	15.7	WSW	0	84
3	29.77	15.1	WSW	3.8	91
4	29.77	15.2	WSW	7.3	94
5	29.79	15.2	WSW	3.3	93
6	29.8	21.1	WSW	5.1	70
7	29.82	25.7	SW	5.8	50
8	29.82	26.1	W	7.8	50
9	29.81	28.7	WNW	7.8	43
10	29.81	31.8	WSW	3.1	39
11	29.81	31.8	WSW	8.2	35
12	29.8	32.4	WSW	9.3	34
13	29.8	32.1	WSW	7.6	34
14	29.79	27.1	WSW	5.1	51
15	29.78	22	NE	2	71
16	29.75	32.4	WSW	6.7	41
17	29.75	29.2	W	7.6	44
18	29.73	31.3	SW	7.8	36
19	29.73	30	WSW	10.7	35
20	29.73	26.6	SW	5.8	44
21	29.74	23.1	SSW	5.5	61
22	29.76	22.3	SSW	7.3	63
23	29.76	21.9	SSW	6.4	67
<u>Avg</u>	<u>29.774</u>	<u>24.517</u>		<u>5.925</u>	<u>58.000</u>

Weather Data for
7-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.77	20.4	SSW	9.3	77
1	29.77	19.7	SW	4.4	83
2	29.75	18.7	SSW	3.1	87
3	29.74	18.9	S	4.4	88
4	29.74	18.5	S	6.7	89
5	29.75	18.4	S	5.3	90
6	29.76	22.4	S	6.9	76
7	29.75	24.4	SSW	8.9	65
8	29.77	27.4	S	10.5	60
9	29.73	29.5	SSW	6.9	56
10	29.72	31.1	SSW	10.5	52
11	29.72	32.3	WSW	5.5	47
12	29.72	32.5	W	5.5	47
13	29.71	32.8	WSW	10.7	44
14	29.69	32.7	SSW	11.6	44
15	29.67	33.2	SW	17.4	47
16	29.64	32.4	SSW	21	45
17	29.64	31.8	SSW	18.3	48
18	29.65	31	SW	12.7	49
19	29.65	29.7	SSW	12.9	55
20	29.65	27.6	SSW	18.1	63
21	29.66	25.4	SSW	7.8	71
22	29.67	25.1	SW	9.1	62
23	29.68	22.9	SSW	10.2	68
<u>Avg</u>	<u>29.708</u>	<u>26.617</u>		<u>9.904</u>	<u>63.042</u>

Weather Data for
8-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.68	21.5	SE	5.3	68
1	29.68	21.1	S	9.8	69
2	29.69	20.1	SSE	6.2	73
3	29.68	20.2	SSE	2.4	71
4	29.65	19.8	SSE	9.8	72
5	29.66	19.2	SSE	4.2	77
6	29.65	20.8	SSW	6.2	75
7	29.72	21.5	W	1.1	76
8	29.78	16.2	NE	9.8	91
9	29.78	17.5	NE	4.6	87
10	29.81	16.7	NNE	11.8	91
11	29.75	16.6	ESE	19	96
12	29.61	18.2	SE	15.2	87
13	29.63	19.8	SSE	8.2	76
14	29.63	20.8	SSE	9.8	75
15	29.66	21.1	SSW	8.5	75
16	29.68	22.1	SW	4.2	71
17	29.68	23.4	SSW	6	64
18	29.71	25.1	SW	5.5	60
19	29.71	22.3	SSW	1.5	71
20	29.71	20.3	SSE	2.2	81
21	29.72	18.7	S	6.9	89
22	29.73	18.7	SSE	3.3	89
23	29.73	18.2	S	6.9	92
<u>Avg</u>	<u>29.697</u>	<u>19.996</u>		<u>7.017</u>	<u>78.167</u>

Weather Data for
9-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.75	18.5	SW	2.6	92
1	29.77	17.7	SSW	0	92
2	29.79	18.5	SW	3.1	96
3	29.78	18.5	WSW	0	91
4	29.78	17.8	WSW	0	96
5	29.8	18	ESE	0	96
6	29.82	18.7	NE	0	96
7	29.83	19.8	SE	0	91
8	29.83	21.7	SSE	1.3	82
9	29.83	22.8	SE	3.8	76
10	29.83	21.9	SE	0	79
11	29.83	24.1	SSE	4.6	72
12	29.83	23.7	SE	7.6	71
13	29.82	27.4	ESE	7.6	58
14	29.81	29.4	ESE	6.4	56
15	29.81	30.7	SE	3.3	46
16	29.79	29.4	SSE	2.9	52
17	29.81	28.7	SE	3.3	54
18	29.79	29.2	SSE	2.2	54
19	29.78	26.4	SSW	6.9	59
20	29.78	24.7	S	13.1	67
21	29.74	23.6	SSE	5.5	74
22	29.73	23.4	SSE	2	76
23	29.77	22.6	SSE	7.3	80
<u>Avg</u>	<u>29.796</u>	<u>23.217</u>		<u>3.479</u>	<u>75.250</u>

Weather Data for
10-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.79	22.2	SE	5.8	82
1	29.77	22.2	SE	5.8	80
2	29.77	21.4	SE	5.8	84
3	29.77	20.7	SSE	5.3	88
4	29.76	20.7	SE	5.5	88
5	29.75	20.6	WSW	4.3	87
6	29.76	20.3	S	4.3	89
7	29.78	23.1	SSE	6.2	73
8	29.79	24.6	SSW	7.8	73
9	29.82	27.2	W	2	67
10	29.81	32.5	W	4	41
11	29.81	30.7	SSE	3.3	42
12	29.82	28.2	S	7.1	50
13	29.8	30.4	SSE	8.2	44
14	29.77	32.4	S	1.5	40
15	29.73	32.2	SW	6.2	34
16	29.73	31.5	SW	12.3	38
17	29.74	30	SW	2.4	44
18	29.73	26.6	SW	3.5	56
19	29.75	20.1	SW	6.7	88
20	29.74	19.8	S	2	88
21	29.76	20.2	S	6.7	90
22	29.8	19.4	W	0	96
23	29.79	19.2	SSE	4.6	96
<u>Avg</u>	<u>29.773</u>	<u>24.842</u>		<u>5.054</u>	<u>69.083</u>

Weather Data for
11-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.75	18.4	SE	0	96
1	29.76	18.7	SSE	3.1	96
2	29.77	18.4	SSE	6.9	96
3	29.76	18.1	S	5.3	96
4	29.72	18	SE	6.4	96
5	29.72	17.9	S	6.7	96
6	29.75	18.5	S	10	96
7	29.75	19.9	S	6	93
8	29.72	24.4	S	8.5	68
9	29.67	25.7	SE	5.8	67
10	29.69	28.8	SSW	16.1	58
11	29.71	27.7	SW	17.6	56
12	29.73	27.4	WSW	14.5	56
13	29.74	28.1	SW	16.3	49
14	29.7	28.5	SSW	8.9	47
15	29.68	28.7	SSW	11.4	48
16	29.68	28.2	WSW	8	52
17	29.68	29.2	SW	12	49
18	29.67	28.1	SW	14.3	53
19	29.67	27.4	WSW	9.1	52
20	29.69	24.5	W	6.7	60
21	29.7	22.6	W	6.4	69
22	29.72	21.8	SW	5.5	74
23	29.72	20.7	S	6.7	79
<u>Avg</u>	<u>29.715</u>	<u>23.738</u>		<u>8.842</u>	<u>70.917</u>

Weather Data for
12-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.75	20.3	SSW	6.4	85
1	29.74	20.2	WSW	5.1	85
2	29.73	19.6	SW	3.1	88
3	29.74	18.7	WSW	3.8	91
4	29.75	17.8	WSW	0.4	96
5	29.76	17.2	SSW	0	96
6	29.78	21.3	NW	1.3	87
7	29.79	26.8	NNW	2	52
8	29.79	28.7	NE	0	44
9	29.8	31.2	NE	0.8	38
10	29.8	32.1	NNW	2.4	36
11	29.8	30.8	WSW	5.1	37
12	29.77	32.1	NNE	3.8	39
13	29.77	33	NNE	2.6	36
14	29.75	32.8	WNW	0.6	39
15	29.73	30.9	NE	0	47
16	29.72	31.2	ESE	0	43
17	29.7	29.8	S	6.4	48
18	29.7	30.5	S	9.6	47
19	29.7	28.7	SW	8.5	53
20	29.7	25.1	S	2	64
21	29.7	22.6	S	3.3	77
22	29.71	22.5	SSW	7.1	79
23	29.7	23.1	SW	5.5	74
<u>Avg</u>	<u>29.745</u>	<u>26.125</u>		<u>3.325</u>	<u>61.708</u>

Weather Data for
13-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.67	21.5	SE	6.7	75
1	29.66	21.1	SSE	6.9	82
2	29.66	20.5	S	7.6	87
3	29.66	20.7	SSW	6.4	89
4	29.65	20.8	SW	8.7	87
5	29.64	19.8	SW	0	88
6	29.65	20.6	S	6	84
7	29.66	25.3	SW	6.2	59
8	29.66	21.8	S	11.6	73
9	29.64	22	S	7.6	75
10	29.65	24.3	SSW	9.8	63
11	29.64	27	SW	7.6	50
12	29.63	27.6	WSW	11.4	47
13	29.61	28.1	SSW	12.9	47
14	29.6	29.1	SW	21	44
15	29.59	28.8	SSW	12.3	46
16	29.57	28.9	SW	7.8	44
17	29.55	28.8	SW	8	44
18	29.54	27.6	SSW	17.6	45
19	29.54	26.5	SSW	7.1	50
20	29.51	24.1	SW	9.1	64
21	29.56	18.1	NNW	4.4	78
22	29.57	16.2	SE	2	96
23	29.53	16.8	SE	6.9	96
<u>Avg</u>	<u>29.610</u>	<u>23.583</u>		<u>8.567</u>	<u>67.208</u>

Weather Data for
14-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.51	17.1	SSE	3.5	92
1	29.5	16.3	SE	4.6	96
2	29.49	16.7	WSW	5.1	96
3	29.5	16.7	W	4.4	96
4	29.52	16.4	WSW	3.1	96
5	29.53	16.4	W	5.8	96
6	29.54	16.8	WNW	3.5	92
7	29.55	17.2	WNW	2.4	89
8	29.57	17.2	WNW	4.2	86
9	29.59	17	WNW	7.6	76
10	29.6	17.8	WNW	6.4	77
11	29.6	19.5	W	5.8	75
12	29.62	21.2	WNW	16.7	71
13	29.62	22.2	W	11.4	64
14	29.63	19.2	WNW	8.2	79
15	29.64	20.2	WNW	10	79
16	29.64	23.4	WNW	6	58
17	29.63	23.4	W	7.1	60
18	29.64	21.8	N	11.6	70
19	29.65	22	N	13.6	72
20	29.66	20.5	N	8.9	76
21	29.68	19.2	N	18.7	80
22	29.69	18.6	N	8.5	81
23	29.7	17.8	NNW	9.3	85
<u>Avg</u>	<u>29.596</u>	<u>18.942</u>		<u>7.767</u>	<u>80.917</u>

Weather Data for
15-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.7	17.5	NNW	10.7	84
1	29.7	17.1	N	12.3	86
2	29.71	16.6	NNW	8.7	86
3	29.72	16.2	N	7.8	89
4	29.72	16.9	N	7.6	86
5	29.75	16.9	SSW	5.5	85
6	29.76	17.1	N	5.5	85
7	29.78	17.6	N	5.1	85
8	29.8	18.8	N	6	80
9	29.8	20.8	NNW	11.6	73
10	29.8	21.9	N	10.7	63
11	29.81	25.4	NE	4.2	55
12	29.81	26.3	NNW	5.3	51
13	29.82	22.4	NNW	10.9	65
14	29.83	21.2	NNW	7.1	69
15	29.83	24.8	N	8.9	55
16	29.84	22.2	NNW	8.7	58
17	29.85	22.9	NNE	7.6	54
18	29.85	21.6	NNW	7.6	59
19	29.87	20.5	NNW	7.1	63
20	29.87	17.9	NNW	0	72
21	29.87	15.1	NNW	0	87
22	29.88	14.4	NNW	0.6	90
23	29.88	13.7	NNW	1.7	96
<u>Avg</u>	<u>29.802</u>	<u>19.408</u>		<u>6.717</u>	<u>74.000</u>

Weather Data for
16-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.87	13.5	NNE	1.5	96
1	29.93	11.7	SSW	2.4	96
2	29.93	12.2	NNE	0	96
3	29.82	12.4	NE	0	96
4	29.91	11.8	NE	0	96
5	29.92	11.5	NE	0	96
6	29.93	16.5	NE	0	89
7	29.94	23.8	NE	0	48
8	29.96	26	SSE	3.3	35
9	29.98	28.3	SSW	1.7	31
10	29.97	29.1	SSW	2.4	27
11	29.95	27.8	NNE	0	26
12	29.93	26.9	NE	2.6	29
13	29.91	28.1	N	0	29
14	29.9	28.1	NNE	0	28
15	29.88	28.9	NE	3.5	29
16	29.87	29.4	NW	0.6	28
17	29.85	29.1	NNW	1.5	27
18	29.85	26.8	NNE	8.5	27
19	29.85	25.7	NNE	7.8	29
20	29.84	20.7	NE	0	48
21	29.85	16.2	NE	0	62
22	29.86	15.4	NE	0	63
23	29.86	15	NE	0.6	66
<u>Avg</u>	<u>29.898</u>	<u>21.454</u>		<u>1.517</u>	<u>54.042</u>

Weather Data for
17-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.86	13.8	NE	0	73
1	29.87	13.1	NE	0	78
2	29.87	12.5	NE	0	81
3	29.86	12.5	NE	0	83
4	29.86	13.3	NE	1.7	81
5	29.88	13.5	NNE	6.4	77
6	29.89	19.2	SSE	4.9	56
7	29.91	26.7	SSE	1.7	39
8	29.93	29.7	S	0	34
9	29.93	32.2	SSE	2.2	24
10	29.92	30.2	S	4	26
11	29.9	29.2	NE	5.5	29
12	29.89	29.4	NE	2	25
13	29.89	28.9	NE	3.3	25
14	29.88	29.8	NNE	0	23
15	29.87	29.8	NNE	2.6	23
16	29.85	30.2	NE	1.3	19
17	29.85	31.1	NE	2.4	22
18	29.85	28.8	NNE	0.8	28
19	29.85	27.3	NE	0	27
20	29.85	21.8	NNE	3.5	47
21	29.86	20.7	NNE	4.2	45
22	29.89	20.5	NNE	4.6	45
23	29.91	19.3	SSE	6.4	50
<u>Avg</u>	<u>29.880</u>	<u>23.479</u>		<u>2.396</u>	<u>44.167</u>

Weather Data for
18-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.91	19.2	SSE	5.1	50
1	29.9	18.2	SSE	1.1	53
2	29.9	15.2	SSE	4	62
3	29.91	11.5	SSE	0	79
4	29.92	12.5	SSE	0	84
5	29.93	10.8	SSE	0	87
6	29.93	20.4	SSE	0.4	65
7	29.96	27.8	SSE	0	38
8	29.97	28.8	SSE	0.4	36
9	29.98	29.8	S	3.8	35
10	29.97	30.4	SSE	6.9	32
11	29.96	30.4	SSE	6.2	31
12	29.96	30	NE	0	28
13	29.95	30.6	SW	1.7	28
14	29.94	30.7	SW	0	30
15	29.93	30.6	SSE	5.1	27
16	29.93	31.4	S	5.5	29
17	29.93	31.5	SSW	6.2	28
18	29.93	29.7	S	6.7	31
19	29.94	27.8	S	6.9	33
20	29.94	23.7	SSE	3.5	47
21	29.96	21.5	SSE	5.1	54
22	29.96	20.7	SSE	7.3	58
23	29.98	19.2	SSE	6.7	64
<u>Avg</u>	<u>29.941</u>	<u>24.267</u>		<u>3.442</u>	<u>46.208</u>

Weather Data for
19-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.99	18.5	SSE	3.5	66
1	30	17.2	SSW	6.2	71
2	30.01	16.1	S	4.6	74
3	30.02	15.5	S	3.8	77
4	30.03	13.9	S	2.2	83
5	30.04	14.3	S	3.5	84
6	30.06	19.6	S	5.8	66
7	30.07	24.5	S	5.1	49
8	30.08	25.1	S	10	48
9	30.08	28.2	SSW	4.4	40
10	30.08	28.5	SSW	12.3	35
11	30.08	28.5	S	9.1	36
12	30.08	28.4	SW	5.5	35
13	30.07	29.1	SW	4.9	35
14	30.06	29.5	S	10	33
15	30.04	29.6	SW	7.6	35
16	30.04	30.3	SSW	15.2	34
17	30.03	29.6	SW	9.6	34
18	30.03	29	SSW	5.8	37
19	30.04	27.2	S	7.1	41
20	30.05	23.5	SSE	4	51
21	30.06	20.8	SSE	4	62
22	30.08	20.3	SSE	5.1	67
23	30.08	19	SSE	6.4	73
<u>Avg</u>	<u>30.050</u>	<u>23.592</u>		<u>6.488</u>	<u>52.750</u>

Weather Data for
20-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.08	16.2	S	1.3	79
1	30.08	15.8	S	3.8	83
2	30.07	15.4	SSE	7.6	87
3	30.08	14.8	S	3.3	88
4	30.1	14.2	S	0	90
5	30.11	14.7	S	4	89
6	30.11	21	SSW	3.8	67
7	30.12	26.4	SW	6.2	47
8	30.13	27.3	SW	9.3	44
9	30.13	29.5	SW	7.6	39
10	30.12	29.2	S	6.2	39
11	30.13	31.8	NW	0	37
12	30.12	31.4	S	9.8	34
13	30.08	31.3	SSW	9.6	36
14	30.06	30.4	S	11.8	39
15	30.06	31.2	SSW	8.7	35
16	30.04	31.5	SW	7.6	34
17	30.05	32.1	S	5.8	32
18	30.08	30.1	SSW	0	40
19	30.11	26.9	SSW	0	53
20	30.14	24.9	NNW	0	59
21	30.13	23.4	N	8.2	60
22	29.98	21.2	S	1.5	71
23	29.92	22.5	SW	6.2	63
<u>Avg</u>	<u>30.085</u>	<u>24.717</u>		<u>5.096</u>	<u>56.042</u>

Weather Data for
21-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30	21.2	NE	6.2	69
1	30	21.1	WNW	5.1	72
2	30.04	20.4	NNW	2.4	77
3	30.04	20.2	NNE	5.3	79
4	30.04	19.7	S	0	82
5	30.02	17.9	NE	1.1	88
6	30.03	20.3	NNE	0	79
7	30.04	23.3	SSE	0	69
8	30.05	27.7	SSW	2.4	55
9	30.05	26.6	SW	0.2	56
10	30.05	32.3	W	1.7	41
11	30.05	32.2	N	2.6	41
12	30.04	32.7	NNE	2.9	39
13	30.01	33.8	NE	2.6	36
14	30.02	33.7	N	3.8	39
15	30	34.8	NW	0	35
16	29.99	35.6	ESE	0	32
17	29.99	36.1	NE	0	32
18	29.99	33	NE	2.6	38
19	29.98	30.5	NE	0	50
20	29.99	27.7	NE	0	58
21	30.01	23.9	NNE	0	71
22	30.01	24.8	NE	4.9	62
23	30.02	23.2	NE	2.9	67
<u>Avg</u>	<u>30.019</u>	<u>27.196</u>		<u>1.946</u>	<u>56.958</u>

Weather Data for
22-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.03	22.7	NE	4.6	69
1	30.03	22.1	NE	2.4	70
2	30.03	22.5	NNE	0	65
3	30.03	20.5	NNE	0	75
4	30.03	21.5	NNE	5.1	70
5	30.04	21.3	NNE	4	70
6	30.04	24.1	NNE	1.7	63
7	30.05	26.4	S	5.1	53
8	30.06	30.6	S	6.4	46
9	30.06	31.1	S	4.2	45
10	30.07	31.7	S	5.8	46
11	30.06	31.8	SSE	5.8	46
12	30.04	33.2	SSE	2.9	43
13	30.02	32.4	SSE	8	44
14	30.01	32.4	S	3.5	43
15	30	33.6	SSE	7.3	43
16	29.98	34.2	SSE	6.7	40
17	29.97	32.2	SW	7.3	48
18	29.96	32	SSW	8.7	47
19	29.95	31.2	SSW	4.9	51
20	29.95	28.4	S	6	60
21	29.96	26.2	SSE	6.4	68
22	29.96	25.5	SSE	6	70
23	29.96	25.1	S	8	72
<u>Avg</u>	<u>30.012</u>	<u>28.029</u>		<u>5.033</u>	<u>56.125</u>

Weather Data for
23-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.96	24.4	SSE	7.8	75
1	29.95	23.7	S	10.7	79
2	29.94	23.1	S	6.7	84
3	29.93	22.6	SSW	7.1	87
4	29.93	21.8	SSW	2.9	91
5	29.94	21.3	SSW	4.9	96
6	29.95	23.9	SSW	5.1	85
7	29.95	29.3	SW	7.3	60
8	29.95	30.8	SW	5.8	51
9	29.93	31.3	WSW	6	47
10	29.93	31.8	SW	8.5	43
11	29.91	33.2	SW	15.8	38
12	29.9	33	WSW	6.2	39
13	29.88	33.6	SW	10	39
14	29.87	33.4	WSW	9.8	39
15	29.86	33.5	SW	13.6	36
16	29.85	33.7	SW	6.4	36
17	29.84	33	SW	14.5	35
18	29.83	32.2	WSW	15.2	38
19	29.83	31	WSW	4.6	44
20	29.83	28.5	SW	5.5	52
21	29.84	25.7	SW	5.8	62
22	29.84	25.5	SW	8	63
23	29.84	25.4	WSW	7.6	62
<u>Avg</u>	<u>29.895</u>	<u>28.571</u>		<u>8.158</u>	<u>57.542</u>

Weather Data for
24-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.85	24.4	SW	7.6	67
1	29.85	23.9	SW	5.8	68
2	29.85	23.3	WSW	7.8	70
3	29.85	22.4	SW	3.5	74
4	29.86	31.7	SW	7.8	78
5	29.87	31.5	SW	3.3	77
6	29.88	23.5	SW	5.8	70
7	29.87	26.4	SW	9.1	61
8	29.89	30	W	4.9	50
9	29.9	31.1	WSW	8.7	47
10	29.89	32.8	SW	6	45
11	29.88	34.1	SW	4	43
12	29.88	34	W	10.2	43
13	29.86	33.9	WSW	6	44
14	29.86	34.1	SW	9.3	42
15	29.86	34.5	SW	10.5	41
16	29.85	35.2	SW	8	41
17	29.84	34.5	W	5.5	40
18	29.85	30.8	W	6	49
19	29.87	26.4	NNE	5.8	61
20	29.91	22.1	SSW	0	82
21	29.91	22	NE	1.3	92
22	29.92	22.2	E	6	90
23	29.93	21.8	E	1.3	86
<u>Avg</u>	<u>29.874</u>	<u>28.608</u>		<u>6.008</u>	<u>60.875</u>

Weather Data for
25-Jun-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.93	21.7	ENE	6.2	86
1	29.95	20.9	ENE	3.8	89
2	29.98	19.3	NNE	5.3	96
3	29.94	19.4	NE	5.8	96
4	29.99	18.8	NNW	0	96
5	29.98	18.8	ENE	4	96
6	29.99	19	N	2.4	96
7	30.01	19.1	N	1.5	96
8	30	19.2	N	2.4	96
9	30.04	19.2	NW	5.8	96
10	29.96	18.9	SE	7.1	96
11	29.95	25.8	SSE	8.5	64
12	29.95	29.8	SSE	11.8	50
13	29.95	30.7	E	5.8	44
14	29.95	30.5	ENE	2.6	52
15	29.94	31.1	SSE	6.7	52
16	29.95	29.6	ENE	0	59
17	29.93	29.4	ESE	8.2	57
18	29.94	27.7	E	2.2	65
19	29.94	25.9	ESE	2.9	75
20	29.95	24.3	SE	0	81
21	29.95	23.1	ENE	0	90
22	29.94	22.3	SE	8.2	96
23	29.95	21.9	SSE	3.3	89
<u>Avg</u>	<u>29.961</u>	<u>23.600</u>		<u>4.354</u>	<u>79.708</u>

Weather Data for
26-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.95	21.5	SE	3.5	88
1	29.94	21.4	SSE	5.1	88
2	29.94	21.7	SSE	1.7	85
3	29.97	21.6	N	2	87
4	29.94	21.6	ENE	3.1	88
5	29.98	20.8	NNE	4	93
6	29.98	20.7	E	10.5	96
7	29.98	21.2	SE	6.7	96
8	29.98	23.5	SE	7.1	82
9	29.97	29.2	SE	6.9	59
10	29.99	28.7	ESE	7.6	62
11	29.97	29.7	SSE	5.5	59
12	29.97	30.8	SSE	17.6	56
13	29.96	31.2	SSE	11.1	58
14	29.94	32.4	SSW	12.9	58
15	29.92	32.8	SSW	8.9	55
16	29.9	33.5	SSW	10.2	44
17	29.9	33.1	SSW	6.7	47
18	29.89	32.5	SSW	4.4	52
19	29.89	31.4	SSE	5.8	57
20	29.9	28.2	SSE	3.3	67
21	29.91	26.3	SSE	6.2	74
22	29.93	25	SSE	6.2	76
23	29.93	24.5	S	4.6	78
<u>Avg</u>	<u>29.943</u>	<u>26.804</u>		<u>6.733</u>	<u>71.042</u>

Weather Data for
27-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.93	23.4	S	6.2	80
1	29.93	22.8	SSE	4.4	83
2	29.93	22.1	S	5.8	89
3	29.93	22.3	SSE	6.4	86
4	29.92	22.3	S	6.2	88
5	29.92	21.8	SSE	3.3	90
6	29.92	23	S	7.6	85
7	29.92	26.8	SSW	4	68
8	29.93	28.7	S	5.5	62
9	29.94	31.4	SW	8.9	55
10	29.93	32.4	SW	10	50
11	29.93	33.8	S	12	48
12	29.92	32.6	WSW	6.9	49
13	29.8	33.2	SW	12.9	44
14	29.89	33.2	SW	9.3	46
15	29.89	33.4	SW	13.1	44
16	29.87	33.5	SW	12.7	41
17	29.85	33.4	SSW	8.2	40
18	29.86	30.5	SW	7.8	56
19	29.9	24.3	WSW	6.4	59
20	29.9	19.2	WSW	5.5	96
21	29.89	19.5	ESE	5.3	90
22	29.85	19.7	S	0	91
23	29.86	19.4	WSW	3.8	96
<u>Avg</u>	<u>29.900</u>	<u>26.779</u>		<u>7.175</u>	<u>68.167</u>

Weather Data for
28-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.86	18.9	WSW	2.6	96
1	29.86	19.3	WSW	3.5	90
2	29.89	19.4	NE	8	88
3	29.9	20.3	NE	2.2	84
4	29.92	18.7	E	7.1	96
5	29.9	18.1	ESE	0	96
6	29.97	18.1	N	5.1	96
7	30	17.9	E	4.9	96
8	30	18.2	S	7.6	96
9	29.97	18.7	SSE	6	96
10	29.9	20.7	SSE	10	85
11	29.9	21.6	WSW	4.4	85
12	29.92	23.3	WSW	3.8	76
13	29.92	27.8	WNW	4	59
14	29.91	30.8	N	0	50
15	29.91	31	ESE	3.5	51
16	29.9	31.7	E	5.5	47
17	29.89	32.3	E	0	43
18	29.9	30.5	ESE	3.3	49
19	29.89	30.1	SE	2	55
20	29.9	25.1	ESE	2.2	70
21	29.91	22.8	ESE	5.3	79
22	29.91	22.1	ESE	3.1	85
23	29.92	21.7	SE	6.9	89
<u>Avg</u>	<u>29.915</u>	<u>23.296</u>		<u>4.208</u>	<u>77.375</u>

Weather Data for
29-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.93	21.6	SE	5.8	86
1	29.91	21.5	ESE	5.3	87
2	29.9	21.3	SE	7.3	88
3	29.89	21.2	SSE	6.4	89
4	29.88	21.4	SE	5.5	89
5	29.88	21.2	SE	11.8	89
6	29.88	22.2	SSE	7.3	82
7	29.88	22.1	SE	6.4	82
8	29.86	23.7	S	7.8	80
9	29.87	26.4	S	6.2	70
10	29.85	27	SSE	12	69
11	29.85	27.6	S	8.5	71
12	29.84	27.5	S	8.2	73
13	29.83	24.3	WSW	2.4	79
14	29.8	26.2	S	11.1	82
15	29.79	27.8	S	9.8	74
16	29.76	32.8	SSE	7.3	59
17	29.75	31.4	SSE	8.9	61
18	29.72	30.5	SSW	18.7	61
19	29.72	29.3	S	8.5	66
20	29.74	26.8	S	7.8	68
21	29.74	25.7	S	9.6	75
22	29.74	25.6	SW	5.3	76
23	29.73	23.1	W	22.3	58
<u>Avg</u>	<u>29.823</u>	<u>25.342</u>		<u>8.758</u>	<u>75.583</u>

Weather Data for
30-Jun-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.75	24.3	SSW	9.8	64
1	29.78	22.8	WNW	5.5	73
2	29.79	22.5	WNW	4.4	78
3	29.79	21.4	W	3.1	80
4	29.79	20.1	W	4.2	83
5	29.79	18.9	W	2.6	91
6	29.83	19.3	WSW	4.6	96
7	29.83	20.6	SSW	4.9	84
8	29.83	22.8	SW	5.8	73
9	29.81	27.8	W	3.8	57
10	29.8	29.8	W	7.8	46
11	29.8	29	WSW	14	44
12	29.79	28.5	WNW	14.9	43
13	29.77	29	WSW	12.9	42
14	29.76	29.5	NW	10.9	43
15	29.76	29.8	NW	16.1	41
16	29.76	29.2	NW	17.4	39
17	29.77	28.6	NW	9.8	40
18	29.77	28.5	NNW	9.1	48
19	29.77	26.5	NW	5.8	49
20	29.77	22.7	NW	4.9	62
21	29.78	20.2	NW	6	74
22	29.8	18.8	NW	5.5	80
23	29.81	17.6	NNW	6.4	86
<u>Avg</u>	<u>29.788</u>	<u>24.508</u>		<u>7.925</u>	<u>63.167</u>

Weather Data for
1-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.82	16.2	N	5.5	83
1	29.83	14.8	NNW	8.5	87
2	29.83	14.4	NNW	7.1	89
3	29.83	14.1	NNW	2.4	87
4	29.83	13.9	NNW	6.2	88
5	29.83	13.7	NW	5.1	86
6	29.85	17.8	NNW	6.2	68
7	29.85	22	NW	2.9	52
8	29.88	23.2	NW	8.5	45
9	29.89	23.8	NNW	9.1	44
10	29.88	23.1	N	4.6	48
11	29.9	24.5	N	7.8	42
12	29.91	25.1	NNW	5.3	43
13	29.9	26.3	N	8.9	40
14	29.89	26.4	NNE	4.2	41
15	29.89	28.1	NW	0.8	39
16	29.88	28	NNE	6.2	37
17	29.87	28.1	NW	1.7	38
18	29.86	24.8	NNE	4	44
19	29.87	24.2	NNE	4.4	46
20	29.88	20.5	NE	0	64
21	29.88	16.1	NE	0	82
22	29.9	14.6	NE	0	85
23	29.9	16.3	ESE	2.6	81
<u>Avg</u>	<u>29.869</u>	<u>20.833</u>		<u>4.667</u>	<u>60.792</u>

Weather Data for
2-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.9	16.7	SE	6.4	76
1	29.91	15.7	SE	6	82
2	29.9	15.9	SE	6.2	79
3	29.91	14.5	SE	0	83
4	29.87	14.2	SE	4.9	89
5	29.92	13.8	SSE	4.4	88
6	29.92	17.1	SSE	6	75
7	29.94	16.9	SSE	6.7	71
8	29.95	20.4	SSE	10.7	60
9	29.94	21.7	SSE	10	55
10	29.95	22	S	9.1	57
11	29.94	25.2	SW	8.9	48
12	29.93	23.3	SSW	8	56
13	29.92	25.5	S	10.2	48
14	29.9	25.9	S	9.8	45
15	29.88	27	SSE	9.1	45
16	29.86	26.5	S	11.6	46
17	29.85	26.2	S	7.1	45
18	29.83	25.9	S	9.3	50
19	29.83	24.8	SSE	9.8	53
20	29.82	21.7	SSE	7.8	64
					82
21	29.82	19.9	SE	6.7	73
22	29.83	18.4	SSE	9.1	79
23	29.84	17.5	SSE	5.1	82
<u>Avg</u>	<u>29.890</u>	<u>20.696</u>		<u>7.621</u>	<u>65.240</u>

Weather Data for
3-Jul-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.83	16.6	S	6.7	84
1	29.81	16.7	S	4.9	81
2	29.8	16.1	SSE	8.9	84
3	29.8	15.9	S	7.1	84
4	29.8	15.5	SSW	6.9	86
5	29.78	15.3	SSE	12	88
6	29.78	16.2	SSE	8.7	81
7	29.78	18.5	SSE	8.2	75
8	29.79	21.1	SSE	9.3	63
9	29.76	22.4	S	12.7	61
10	29.76	22.6	SSE	14.3	58
11	29.79	18.5	SE	9.1	84
12	29.77	21.8	SSE	11.1	75
13	29.73	25.7	SSE	11.4	58
14	29.7	27.3	S	6.9	58
15	29.7	27.5	SW	14.7	56
16	29.7	28.5	WSW	12.5	54
17	29.71	27.8	SW	9.8	59
18	29.71	26.4	SW	9.1	64
19	29.7	25	S	7.6	73
20	29.72	24.2	SSW	2.6	77
21	29.74	23.4	S	2.2	81
22	29.75	23.3	SSW	6.2	83
23	29.76	23.5	SSW	6.9	82
<u>Avg</u>	<u>29.757</u>	<u>21.658</u>		<u>8.742</u>	<u>72.875</u>

Weather Data for
4-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.76	23.2	SW	0	85
1	29.77	22.5	WSW	0	87
2	29.76	22.3	NW	4	81
3	29.77	21.9	NW	6.4	92
4	29.77	21.1	NW	4.6	96
5	29.79	20.8	NNE	1.7	96
6	29.81	20.6	NNE	4	96
7	29.84	20.7	NNE	1.7	96
8	29.88	20.2	NW	1.7	94
9	29.92	19.7	WNW	5.1	96
10	29.88	20.1	SSE	1.5	96
11	29.89	22.7	WNW	0	81
12	29.9	23.5	N	2.4	76
13	29.91	26.2	WNW	6	61
14	29.91	29	N	2.6	55
15	29.9	29.6	NW	6.4	47
16	29.9	28.5	NW	3.3	52
17	29.9	27.3	WNW	3.5	49
18	29.9	28.6	NNW	5.1	46
19	29.92	28.7	W	0	49
20	29.93	22.7	WSW	0	67
21	29.93	18.7	WSW	0	84
22	29.94	18.4	SW	1.7	89
23	29.95	17.2	SW	0	92
<u>Avg</u>	<u>29.868</u>	<u>23.092</u>		<u>2.571</u>	<u>77.625</u>

Weather Data for
5-Jul-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.95	15.8	WSW	0	96
1	29.96	15.1	N	0.6	96
2	29.96	14.2	WNW	0	96
3	29.95	13.8	NW	0.6	96
4	29.95	13.4	NNE	1.5	96
5	29.96	13.3	N	0	96
6	29.98	18.3	NNW	0	92
7	29.98	25.1	NE	1.1	54
8	29.98	28.1	NNE	4.9	48
9	29.99	29.2	NNW	0.4	47
10	30.01	30.3	N	6.4	45
11	30.02	29.5	WNW	5.5	44
12	30.03	29	ENE	2.4	46
13	30.03	28.3	N	9.6	45
14	30.01	28.7	N	5.8	43
15	30.01	28.4	NNE	8.5	41
16	30	28.1	NNE	6	42
17	29.99	27.3	NNW	7.8	43
18	29.99	26.8	NNE	5.1	45
19	29.99	25.2	NNW	3.8	51
20	29.99	21.2	NNW	0	64
21	30	17.4	NNW	0	79
22	30.02	15.7	NNW	0	85
23	30.01	15.2	NNW	0	88
<u>Avg</u>	<u>29.990</u>	<u>22.392</u>		<u>2.917</u>	<u>65.750</u>

Weather Data for
6-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.02	14.5	NNE	0	90
1	30.03	15	NNE	4	94
2	30.01	14.9	NE	0	94
3	29.99	15.1	ENE	1.1	96
4	29.98	14.6	ENE	2	96
5	30.01	12.8	NNE	0	96
6	30.03	15.8	NNE	0	94
7	30.03	23.8	NNE	1.5	59
8	30.04	26.3	NNE	6.7	51
9	30.05	29.8	NE	6.2	44
10	30.05	30.8	NNE	4.2	37
11	30.05	29.4	NNW	4.4	39
12	30.04	30.4	WNW	0	38
13	30.03	30.7	ENE	2	36
14	30.02	30.4	SE	0	37
15	30.01	31.4	ESE	5.3	33
16	30	31.7	WNW	0	31
17	29.99	30.9	NE	0	32
18	29.98	28.8	NE	0.8	38
19	29.98	28.4	ESE	0.4	38
20	29.98	22.5	ESE	2.2	59
21	29.99	19.5	ESE	2	70
22	30	17.2	ESE	1.3	78
23	30.01	16.5	ESE	4	83
<u>Avg</u>	<u>30.013</u>	<u>23.383</u>		<u>2.004</u>	<u>60.958</u>

Weather Data for
7-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.01	19.7	SE	6	72
1	30.02	19.4	SE	4.2	74
2	30.02	18.3	SE	5.1	80
3	30.01	18.6	SE	4	77
4	30.01	15.5	SE	2.2	84
5	30.03	15.6	ESE	0	96
6	30.03	18.8	WSW	0.6	90
7	30.04	25	SSE	5.8	57
8	30.03	25.7	SSE	5.3	60
9	30.04	28.5	SSE	6.2	49
10	30.04	29.1	SSW	3.1	49
11	30.04	30.4	SE	2.4	43
12	30.03	30.8	S	8.5	41
13	30.03	29.9	SSE	2	43
14	30.02	27.9	SE	0	49
15	30.02	30	SSE	4.4	43
16	30.01	31.1	SSE	2.9	39
17	30	30.4	SSE	3.3	41
18	29.99	29	SE	4	45
19	29.99	27.7	SE	0.8	51
20	29.99	23.1	SE	1.5	68
21	30	21.5	SE	2.6	70
22	30	21.5	SE	5.3	66
23	30.02	21.5	SE	4.6	67
<u>Avg</u>	<u>30.018</u>	<u>24.542</u>		<u>3.533</u>	<u>60.583</u>

Weather Data for
8-Jul-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.01	21	SE	4.2	68
1	30	20.2	SE	4.9	72
2	30	19.9	SSE	3.8	73
3	30.01	19.6	SE	3.5	73
4	30.03	19.3	ESE	5.3	76
5	30.04	19.3	SE	4.2	77
6	30.05	18.6	S	3.8	80
7	30.06	22.3	S	7.3	68
8	30.04	25.4	SSW	5.1	57
9	30.05	23.6	SSE	5.1	68
10	30.04	29.1	SSW	9.3	52
11	30.04	30.2	S	8	80
12	30.04	30.1	SW	7.6	49
13	30.03	30.5	SSE	6.2	50
14	30.01	30.6	SSW	8.9	50
15	30.01	30.1	SSW	10	48
16	29.99	29.8	SSW	9.1	50
17	29.98	29.1	SW	6.4	55
18	29.93	29.2	S	10.7	56
19	29.96	28.1	S	5.5	59
20	29.96	25.5	SE	0.8	67
21	29.98	24.3	SE	4.4	73
22	29.98	23.2	SSE	6.9	77
23	29.98	22.6	S	7.8	74
<u>Avg</u>	<u>30.009</u>	<u>25.067</u>		<u>6.200</u>	<u>64.667</u>

Weather Data for
9-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30	22.5	SSE	4	72
1	29.99	22.2	SSE	8.5	69
2	30	21.2	S	5.1	73
3	30	20	SSW	6	79
4	30	20.3	SSE	4.6	75
5	30.01	20.6	SSE	8.9	70
6	30.02	20.8	S	5.5	68
7	30.03	22.5	S	3.3	60
8	30.03	23.3	S	7.3	63
9	30.04	25.5	SSW	5.5	60
10	30.04	27.8	SSW	6.9	57
11	30.04	30.9	SSW	9.6	50
12	30.03	31.1	S	14.9	47
13	30.02	31.7	S	12.3	47
14	30.01	31.8	S	7.8	44
15	29.99	32.3	S	9.6	46
16	29.98	31.8	SSW	11.6	43
17	29.97	32.1	SSW	8.7	43
18	29.96	30.8	SSE	5.5	47
19	29.96	30.1	SSE	2.6	51
20	29.96	26.1	SSE	5.1	60
21	29.97	23.8	SSE	4	67
22	29.98	23.1	SSE	5.5	70
23	29.99	22.8	SSE	7.3	69
<u>Avg</u>	<u>30.001</u>	<u>26.046</u>		<u>7.088</u>	<u>59.583</u>

Weather Data for
10-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30	22.1	SSE	5.5	73
1	30.01	21.5	SSE	4.9	75
2	30.01	21	SSE	3.5	77
3	30.01	20.6	SSE	5.5	78
4	30.01	20.3	SSW	6.7	78
5	30.02	19.5	S	5.8	81
6	30.03	21.4	SSE	4	74
7	30.04	24.7	S	6.2	61
8	30.05	27.3	SSW	8.7	49
9	30.04	30.5	SSE	8	44
10	30.04	31.3	SSW	10.5	42
11	30.03	32.8	S	4.2	42
12	30.03	33.1	SSE	5.5	40
13	30.02	33.6	SSW	4.6	37
14	30.01	34	SSE	4.2	39
15	30	34.1	SSE	7.8	34
16	29.98	34	SSE	10.7	37
17	29.97	33.1	SE	2.6	39
18	29.96	31.4	SSE	5.1	45
19	29.96	30.1	SSE	3.8	52
20	29.96	26.5	SE	2.6	61
21	29.97	24.7	SE	6.2	69
22	29.98	23.9	SSE	5.8	70
23	29.98	23.6	S	8.9	67
<u>Avg</u>	<u>30.005</u>	<u>27.296</u>		<u>5.888</u>	<u>56.833</u>

Weather Data for
11-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.97	23	SE	5.8	66
1	29.96	21.9	SE	2	69
2	29.96	21.6	S	7.3	66
3	29.97	20.1	S	5.5	69
4	29.99	19.5	SSE	5.8	67
5	30	19.2	SE	4.9	67
6	30	20.1	SSE	6.2	62
7	30.01	20.7	SSE	1.1	64
8	30.01	29.7	SE	6.2	35
9	30.01	31.4	ESE	3.3	37
10	29.98	31.6	SSE	7.6	38
11	29.99	32.8	SE	6.9	34
12	29.99	33.3	SE	4.9	34
13	29.98	32.8	S	7.6	26
14	29.97	32.1	SSW	4.6	30
15	29.98	32.9	SE	9.3	31
16	29.96	33.2	SSE	6.4	28
17	29.95	32.9	SSE	4	31
18	29.93	31.1	SSE	6.4	36
19	29.94	31	ESE	0	41
20	29.95	25.3	ENE	0	65
21	29.95	21.7	ENE	0	73
22	29.96	20.2	ENE	0	79
23	29.96	20.4	NE	0	86
<u>Avg</u>	<u>29.974</u>	<u>26.604</u>		<u>4.408</u>	<u>51.417</u>

Weather Data for
12-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.95	19.9	NE	0	83
1	29.95	19.3	ENE	1.1	85
2	29.95	19	NE	0	86
3	29.95	18.6	NE	0	84
4	29.95	17.8	NNE	0	84
5	29.96	17.2	NE	0	86
6	29.97	17.8	E	6.7	86
7	29.98	19.5	NNE	1.1	80
8	29.99	23.1	NNE	2.9	72
9	29.98	34	NE	4.6	36
10	29.98	34.9	NE	4.4	31
11	29.98	33.8	N	8.2	36
12	29.97	33.4	ENE	0.8	38
13	29.96	33.2	ENE	3.1	35
14	29.96	33.7	ENE	1.5	33
15	29.95	34	N	5.3	33
16	29.94	32.5	NE	10.5	36
17	29.94	32.5	NE	3.3	37
18	29.94	30.8	NE	2.9	44
19	29.94	30.3	NE	0	51
20	29.94	25.9	NNE	0	62
21	29.96	22.1	NNE	0	79
22	29.96	21.2	NNE	0	81
23	29.97	22.2	E	0	80
<u>Avg</u>	<u>29.959</u>	<u>26.113</u>		<u>2.350</u>	<u>60.750</u>

Weather Data for
13-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.96	21.5	SSE	5.1	79
1	29.96	19.4	SSE	0	86
2	29.95	18.3	WNW	0	92
3	29.94	18	NW	0	96
4	29.94	18.4	NW	1.3	96
5	29.95	17.9	NNE	1.7	96
6	29.96	19.3	NNE	0	96
7	29.97	25.5	NNE	1.1	67
8	29.97	31.3	NE	0	49
9	29.97	33.7	ENE	0	42
10	29.97	34.5	NNE	2.2	37
11	29.96	34.2	ENE	2	40
12	29.96	34.5	NNE	0	39
13	29.95	34.2	N	3.5	36
14	29.94	34.1	NNE	0	38
15	29.93	34.3	NE	5.5	40
16	29.92	34.5	E	0.8	38
17	29.91	33.5	NE	2.6	40
18	29.9	32.1	ENE	1.7	45
19	29.89	31.7	NNE	0	50
20	29.89	26.5	NNE	0	68
21	29.9	22.4	NNE	0	85
22	29.92	21.3	ENE	0	83
23	29.92	20.7	ENE	0	84
<u>Avg</u>	<u>29.939</u>	<u>29.939</u>		<u>1.146</u>	<u>63.417</u>

Weather Data for
14-Jul-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.92	21.3	ENE	0	87
1	29.91	20.5	ENE	0	87
2	29.91	19.9	E	0	91
3	29.9	18.6	SSE	0	96
4	29.91	19.3	SE	0	96
5	29.92	18.3	SE	0	96
6	29.92	20.5	SE	0	96
7	29.93	29.8	SE	0	64
8	29.94	33.8	SW	0	45
9	29.94	36.5	WSW	1.3	36
10	29.95	38.4	NW	0.8	32
11	29.94	37.7	NNW	0	33
12	29.93	37	E	1.3	33
13	29.93	36.4	NNE	0	36
14	29.92	36.3	ENE	0	35
15	29.9	35.6	E	5.3	35
16	29.9	35	ENE	4	37
17	29.89	36.1	NNE	0	38
18	29.88	33.7	NNE	0	46
19	29.88	32.7	N	0	51
20	29.89	27.4	N	0	71
21	29.9	24.5	N	0	76
22	29.91	23.2	N	0	81
23	29.91	22.2	N	0	87
<u>Avg</u>	<u>29.914</u>	<u>28.946</u>		<u>0.529</u>	<u>61.875</u>

Weather Data for
15-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.93	21.4	N	0	90
1	29.93	22.2	NNE	0	91
2	29.93	20.9	NNE	0	91
3	29.93	20.7	NNE	0	93
4	29.93	20.5	NNE	0	96
5	29.95	20.3	SE	0	96
6	29.96	21.5	NE	0	96
7	29.96	28.6	N	1.7	69
8	29.97	34.4	S	0.8	46
9	29.98	36.7	NW	0	40
10	29.97	37.2	N	0	40
11	29.96	36.9	NNW	0.4	39
12	29.95	38.1	NNW	20	35
13	29.95	35.4	WNW	1.7	41
14	29.93	34.7	N	1.5	42
15	29.93	29.5	N	9.1	54
16	29.9	30.1	N	2.9	58
17	29.9	38.2	S	0	39
18	29.88	32.1	SE	4.9	52
19	29.9	31.2	SE	5.1	56
20	29.9	28.2	SE	2.4	66
21	29.91	24.1	SE	0	81
22	29.92	23.6	SSE	4.6	88
23	29.93	22.2	SE	0	89
<u>Avg</u>	<u>29.933</u>	<u>28.696</u>		<u>2.296</u>	<u>66.167</u>

Weather Data for
16-Jul-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.93	21.5	SE	0	91
1	29.93	22.3	SSE	3.1	96
2	29.92	22.3	SSE	2.4	96
3	29.92	21.3	SSE	0	96
4	29.92	21.2	ESE	0	96
5	29.92	20.5	ESE	0	96
6	29.93	21.1	SE	0	96
7	29.94	30.2	SE	0	67
8	29.95	33.4	SSE	3.3	46
9	29.95	35	SSE	3.5	47
10	29.94	36.6	SSE	0	41
11	29.93	37.5	WSW	2.6	39
12	29.93	37.1	S	2.2	35
13	29.91	37.2	S	5.1	37
14	29.9	36.6	SW	5.1	37
15	29.88	38.1	SW	2.4	35
16	29.86	36.9	SSW	6.2	37
17	29.85	38.1	WSW	0.8	36
18	29.85	34.3	SSW	1.3	42
19	29.85	32.7	SE	2	53
20	29.86	28.5	SE	1.3	66
21	29.86	26.9	SE	2.9	70
22	29.86	26.1	SE	4	71
23	29.86	25.2	SE	2.4	70
<u>Avg</u>	<u>29.902</u>	<u>30.025</u>		<u>2.108</u>	<u>62.333</u>

Weather Data for
17-Jul-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.86	25	SE	6.2	70
1	29.85	24.2	SSE	6.2	72
2	29.84	23.4	SSE	6	77
3	29.83	22.8	SSE	8.9	79
4	29.83	22.2	S	6	84
5	29.84	21.8	SSW	3.3	86
6	29.84	22.6	S	3.5	86
7	29.85	27.2	S	2.4	66
8	29.85	31	SSW	4.2	54
9	29.85	33.8	SW	3.3	47
10	29.83	34.2	SW	5.8	44
11	29.83	35.1	S	9.1	43
12	29.83	34.7	SSW	10	42
13	29.82	34.5	SW	12.3	40
14	29.8	34.7	SSW	13.1	41
15	29.78	34.6	SW	4	43
16	29.77	34.5	WSW	8.9	42
17	29.77	34.8	SW	5.3	39
18	29.76	33	SW	8.2	45
19	29.75	31.6	SSW	5.3	53
20	29.72	28.2	SSW	6.2	65
21	29.73	26.5	SW	9.3	68
22	29.75	26.5	SSW	7.1	64
23	29.76	27	SW	7.1	62
<u>Avg</u>	<u>29.806</u>	<u>29.329</u>		<u>6.738</u>	<u>58.833</u>

Weather Data for
18-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.82	22.8	W	5.8	73
1	29.84	20.6	W	5.5	89
2	29.83	20.2	SE	0	94
3	29.8	19.9	S	3.5	94
4	29.76	20.1	SW	6.2	93
5	29.79	20.1	WNW	6.9	93
6	29.8	20.1	NW	14.3	93
7	29.81	20.7	NW	9.1	91
8	29.82	24.5	NW	12.3	74
9	29.82	26.5	WNW	9.1	62
10	29.82	29.4	WNW	5.8	52
11	29.84	30.1	W	5.8	48
12	29.85	30.1	NW	6.4	45
13	29.85	30.5	E	7.8	42
14	29.85	29.5	ESE	10.2	40
15	29.85	30.4	W	16.5	38
16	29.84	30.4	WNW	13.1	38
17	29.85	28.7	WNW	12.5	41
18	29.85	27.2	W	7.6	45
19	29.86	26.5	W	3.1	47
20	29.86	22.1	ESE	0.2	65
21	29.89	19.5	SSE	1.3	82
22	29.9	17.6	SE	0	82
23	29.9	17.5	SSE	0	90
<u>Avg</u>	<u>29.838</u>	<u>24.375</u>		<u>6.792</u>	<u>67.125</u>

Weather Data for
19-Jul-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.9	17.2	S	6	89
1	29.91	16.8	SSE	2.4	90
2	29.91	16.1	SSE	1.7	91
3	29.92	15.8	SSE	1.7	92
4	29.93	15.7	SSE	1.7	91
5	29.93	15.2	S	0	93
6	29.95	17.7	SSE	0	96
7	29.97	29.7	SSE	0	49
8	29.98	31.4	ESE	0.6	39
9	29.98	31.5	WSW	0	39
10	29.98	32.1	WSW	3.8	41
11	29.98	33.7	ENE	4.9	35
12	29.98	33.5	W	2.2	34
13	29.96	32.4	SW	6.7	33
14	29.95	32.8	SW	2.2	34
15	29.93	32.1	S	11.6	36
16	29.91	32.4	SSE	6.2	32
17	29.9	32.3	SSE	6.4	34
18	29.89	30.7	SE	1.3	39
19	29.89	30.1	SE	0	46
20	29.89	24.2	SE	0	64
21	29.9	23.4	SSE	6	66
22	29.91	22.9	SE	2.9	66
23	29.9	22.6	SSE	11.1	69
<u>Avg</u>	<u>29.931</u>	<u>25.929</u>		<u>3.308</u>	<u>58.250</u>

Weather Data for
20-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.91	22.8	SSE	11.4	67
1	29.89	21.8	SSE	7.3	72
2	29.88	21.2	SSE	5.1	80
3	29.85	21.6	SSE	10.9	81
4	29.86	21.7	SE	6	81
5	29.81	21.6	S	8	82
6	29.84	21.9	S	4.4	83
7	29.85	22.8	S	7.6	80
8	29.94	21.4	NW	8.9	88
9	29.93	21.1	WNW	5.3	91
10	29.87	21.1	ENE	3.5	89
11	29.84	30.5	SSW	10.9	57
12	29.8	29.6	WSW	17.2	65
13	29.84	32.1	SW	13.1	52
14	29.84	32.5	SSW	7.3	56
15	29.84	33.7	W	8.5	53
16	29.83	35	SW	10.2	49
17	29.84	36.5	W	2.2	46
18	29.83	35.7	WNW	0	49
19	29.85	34.7	WNW	0	53
20	29.87	29.5	ENE	1.1	71
21	29.88	28.4	E	5.8	77
22	29.9	27.6	E	4.9	78
23	29.9	27.5	ESE	4.6	77
<u>Avg</u>	<u>29.862</u>	<u>27.179</u>		<u>6.842</u>	<u>69.875</u>

Weather Data for
21-Jul-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.9	27.6	SE	6.4	78
1	29.89	26.4	ESE	3.8	80
2	29.88	25.9	SSE	6	82
3	29.86	25.4	S	7.6	85
4	29.83	25.2	S	7.6	86
5	29.86	24.8	WSW	6.4	84
6	29.89	21.6	SSW	10	90
7	29.84	21.5	SSE	12.9	93
8	29.91	22	NE	0	92
9	29.92	24.8	NNE	8.5	80
10	29.93	30.2	S	5.5	58
11	29.92	30.1	SSE	7.6	62
12	29.93	31.1	ESE	5.8	55
13	29.93	32.9	SE	5.5	50
14	29.92	33.5	SSE	8	49
15	29.93	33.3	SE	4.6	50
16	29.92	33.5	E	3.5	50
17	29.91	34.4	SSE	3.5	48
18	29.91	31.7	ENE	0	55
19	29.9	32.1	NE	0	57
20	29.92	27.3	NNE	0	72
21	29.92	24.3	ENE	1.3	85
22	29.96	22.8	ENE	0	86
23	29.96	22.1	ENE	1.3	91
<u>Avg</u>	<u>29.906</u>	<u>27.688</u>		<u>4.825</u>	<u>71.583</u>

Weather Data for
22-Jul-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.98	21.8	E	0	92
1	29.98	22.3	E	1.7	96
2	29.97	22	SE	2.4	96
3	29.98	20.4	NW	0	94
4	29.98	21.2	ENE	8.5	96
5	29.99	21.1	ENE	3.3	96
6	30	20.8	NNE	0	96
7	30.03	25.1	NE	3.8	76
8	30.04	26.8	NNE	6	67
9	30.04	28.1	ENE	3.1	62
10	30.06	29.9	NE	0	55
11	30.04	31.7	ENE	5.3	49
12	30.02	32	E	5.5	50
13	30.03	33.4	NE	6	47
14	30.03	34.6	NE	2.4	42
15	30.01	34.1	NE	6.7	43
16	30.01	35.1	ENE	6	44
17	29.99	33.5	NE	3.3	46
18	29.98	31.6	E	4.2	52
19	29.97	31.7	E	4	52
20	29.98	27.5	E	6.7	67
21	29.98	26.2	ENE	5.3	68
22	29.99	25.9	E	5.8	67
23	29.99	25.4	ENE	7.6	69
<u>Avg</u>	<u>30.003</u>	<u>27.592</u>		<u>4.067</u>	<u>67.583</u>

Weather Data for
23-Jul-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.99	25	SSE	5.5	69
1	29.98	24.5	SE	7.8	70
2	29.98	23.7	ESE	6.2	73
3	29.98	23.5	SSE	6.4	76
4	29.97	22.9	SE	8	81
5	29.97	22.6	SSE	6.2	84
6	29.95	22.3	SSE	7.3	90
7	29.97	23.2	SSE	8.9	88
8	29.97	24.2	SSE	14	84
9	29.97	25.5	SSW	9.3	79
10	29.96	28.7	SSE	10	68
11	29.95	30.5	S	14.3	66
12	29.95	32.5	SE	10	60
13	29.93	32.5	SSE	11.4	61
14	29.9	33.1	SE	15.4	61
15	29.89	33.7	SSE	9.8	60
16	29.87	34.4	S	10.7	58
17	29.85	35.4	SSE	8.2	61
18	29.83	35.7	S	6.9	62
19	29.84	33.4	S	8.5	59
20	29.84	29.8	SSE	6.9	72
21	29.85	28	SSE	6.7	76
22	29.85	27.2	SE	6.9	78
23	29.85	26.2	S	7.1	80
<u>Avg</u>	<u>29.920</u>	<u>28.271</u>		<u>8.850</u>	<u>71.500</u>

Weather Data for
24-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.86	26.1	SSW	5.5	79
1	29.85	26.5	SW	7.1	74
2	29.84	26.1	WSW	3.8	73
3	29.83	26.2	WSW	6.2	71
4	29.82	26.2	SW	8.5	70
5	29.83	25.2	W	10.7	73
6	29.85	24.7	SSW	6.2	78
7	29.86	27.5	WSW	6	67
8	29.85	29.5	WSW	5.8	61
9	29.86	31.5	WSW	10.2	54
10	29.86	32.7	W	6.4	55
11	29.85	33.8	WNW	12.7	48
12	29.85	35.8	WNW	5.3	45
13	29.86	36.5	W	6.4	44
14	29.85	37.3	WSW	3.3	44
15	29.84	37	WSW	5.1	45
16	29.84	38.2	WSW	6.4	44
17	29.85	36.2	WSW	5.8	47
18	29.83	35.1	WSW	2.6	54
19	29.84	31.1	WNW	0	64
20	29.86	28.6	SE	0	79
21	29.9	23.1	ENE	1.3	74
22	29.86	23.3	SE	6.4	78
23	29.86	23	NNW	0	79
<u>Avg</u>	<u>29.850</u>	<u>30.050</u>		<u>5.488</u>	<u>62.500</u>

Weather Data for
25-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.86	22.1	S	2.9	85
1	29.85	21.5	S	2.6	86
2	29.85	21.4	SSE	6.4	85
3	29.85	21.4	SSE	4.9	85
4	29.86	21.9	S	5.3	79
5	29.86	21.7	ESE	5.1	78
6	29.86	21.5	ESE	5.8	84
7	29.85	23	SE	3.3	76
8	29.87	23.4	ENE	8	77
9	29.84	27.4	SE	4.6	63
10	29.83	29.1	SE	5.8	60
11	29.76	30.9	S	8.2	62
12	29.77	32.6	SSE	11.4	56
13	29.76	33	SSE	19	53
14	29.74	34.4	SSW	11.6	48
15	29.71	34.7	S	5.8	47
16	29.7	35.8	SW	9.3	46
17	29.68	34.9	WSW	7.3	45
18	29.64	33.3	S	8.9	51
19	29.61	31.4	S	8.7	55
20	29.62	29.7	SSW	6.9	60
21	29.71	25.7	WNW	6.2	67
22	29.74	22.1	WNW	6.4	92
23	29.75	21.5	SW	6	96
<u>Avg</u>	<u>29.774</u>	<u>27.267</u>		<u>7.100</u>	<u>68.167</u>

Weather Data for
26-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.72	21.5	S	4.2	96
1	29.72	21.5	SSW	1.3	96
2	29.74	21.5	NW	5.5	96
3	29.74	21.8	WNW	2	96
4	29.75	21.5	WNW	0	96
5	29.77	20.1	NNW	6.4	94
6	29.79	18.7	N	6.9	96
7	29.82	18.4	NNE	12	90
8	29.84	18.2	N	18.1	87
9	29.83	17.8	NNE	5.1	87
10	29.86	18.2	N	6	87
11	29.87	18	N	8.9	89
12	29.86	19.2	NNW	6.4	84
13	29.88	19.5	NE	0.2	80
14	29.88	19.1	NW	8.9	78
15	29.89	21.7	NNE	5.3	65
16	29.9	22.3	NNW	12.3	61
17	29.91	22.2	NW	16.3	59
18	29.92	20.7	NNE	8	60
19	29.95	17.9	N	6.7	69
20	29.96	16.4	NNW	0	77
21	29.97	14.8	NNW	1.7	88
22	29.99	14.7	NE	2.4	88
23	30	14.6	N	3.8	88
<u>Avg</u>	<u>29.857</u>	<u>19.179</u>		<u>6.183</u>	<u>83.625</u>

Weather Data for
27-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.01	14.2	NNW	3.5	92
1	30.03	13.4	NNW	4.2	96
2	30.03	11.8	NNW	0.8	96
3	30.04	11.8	NW	2.9	96
4	30.04	11.7	N	4.2	96
5	30.05	11.4	NNW	3.5	96
6	30.06	11.7	N	4.6	96
7	30.08	16	NW	4	81
8	30.1	17.5	NNE	4.6	73
9	30.11	19.5	N	4.9	65
10	30.11	22	NNE	2.4	52
11	30.11	23.8	NNW	3.1	44
12	30.1	23.8	NNE	6	43
13	30.09	25.5	WNW	3.3	41
14	30.07	25.2	N	4.6	38
15	30.07	27.3	NNW	6.2	32
16	30.05	22.6	N	0	47
17	30.05	26.7	NW	0.6	38
18	30.04	20.2	NNW	0	60
19	30.04	22.2	NNW	0	67
20	30.04	19.1	WNW	0	64
21	30.05	14.2	WNW	0	82
22	30.06	12.6	WNW	0	87
23	30.06	12.4	WNW	0	90
<u>Avg</u>	<u>30.062</u>	<u>18.192</u>		<u>2.642</u>	<u>69.667</u>

Weather Data for
28-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.06	11.9	WNW	0	92
1	30.05	11.7	WNW	0	96
2	30.05	11.3	WNW	0	93
3	30.05	11.2	WNW	0	93
4	30.05	10.7	WNW	0	93
5	30.06	10.5	WNW	0	93
6	30.06	11.1	WNW	0	96
7	30.08	16	SW	0	76
8	30.08	17.8	SW	1.3	73
9	30.09	21.4	WSW	4.6	64
10	30.08	24.1	WNW	4.9	49
11	30.07	26.4	WSW	5.1	40
12	30.06	27.2	S	4.9	38
13	30.05	26.8	WSW	4.6	38
14	30.03	28.3	SSW	4.4	37
15	30.01	27.1	S	11.4	40
16	30.01	26.9	SSW	10	42
17	30	26.2	WSW	8.7	45
18	30	25.8	SW	10.2	48
19	30	24.6	SW	2.2	54
20	30	21.1	S	2	67
21	30.01	18.8	S	6	80
22	30.01	19	SSW	1.1	80
23	30.01	18.4	S	2.9	83
<u>Avg</u>	<u>30.0404</u>	<u>19.7625</u>		<u>3.5125</u>	<u>67.0833</u>

Weather Data for
29-Jul-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.02	18.1	SW	3.8	85
1	30.03	17.5	SW	3.3	88
2	30.03	16.4	N	5.8	93
3	30.03	15.8	SSW	0	93
4	30.03	15.3	SW	0	96
5	30.06	15	SW	0	96
6	30.06	15.8	WSW	0	96
7	30.08	17.9	S	0	91
8	30.1	21.6	SW	0	81
9	30.12	23	WSW	0	73
10	30.11	28.8	ENE	0	55
11	30.12	29.8	ENE	0.2	48
12	30.11	27.2	ESE	7.8	57
13	30.1	29	E	5.8	62
14	30.1	28.6	SE	4	56
15	30.1	30.1	ESE	8.2	51
16	30.09	29.9	ESE	6.4	54
17	30.08	30.1	SSE	4.6	54
18	30.08	27.1	ESE	4.4	62
19	30.08	28.2	ESE	0.4	61
20	30.08	23.8	SE	5.5	73
21	30.1	22.4	E	3.3	81
22	30.11	22.1	ESE	4.4	85
23	30.1	21.9	ESE	4.6	81
<u>Avg</u>	<u>30.080</u>	<u>23.142</u>		<u>3.021</u>	<u>73.833</u>

Weather Data for
30-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.11	21.1	SE	6.2	85
1	30.11	20.8	SE	6	88
2	30.11	20.5	SE	6.2	88
3	30.11	20.3	SE	5.1	91
4	30.11	20.5	SSE	7.3	89
5	30.12	20.3	SSE	4.6	88
6	30.13	20.1	SSE	8.5	87
7	30.14	22.5	SSE	6.7	76
8	30.14	24.2	SSE	8.9	68
9	30.14	26.2	S	6.2	64
10	20.14	28.1	S	10.2	53
11	30.12	29.9	S	10.7	46
12	30.12	30.1	S	15.8	48
13	30.1	32.1	S	10.9	43
14	30.08	29.6	SSE	9.3	52
15	30.07	31.2	S	20.1	45
16	30.07	31.7	SSW	12.9	44
17	30.08	28.5	SSW	5.8	55
18	30.08	27	S	6.4	64
19	30.07	25.8	SSE	4.4	68
20	30.07	24.8	SSE	3.3	72
21	30.05	24.6	S	10.7	71
22	30.07	24.1	S	10.2	69
23	30.08	22.9	SSE	5.3	74
<u>Avg</u>	<u>29.6841667</u>	<u>25.2875</u>		<u>8.404166667</u>	<u>67.8333333</u>

Weather Data for
31-Jul-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.08	22.7	S	7.3	77
1	30.08	22.3	S	8.9	80
2	30.06	22.2	SSW	5.3	80
3	30.05	22.4	SW	6	76
4	30.06	21.9	SW	5.5	75
5	30.06	21.5	SW	7.8	77
6	30.08	22.1	S	7.6	70
7	30.12	21.5	SW	0.8	72
8	30.11	20.4	WSW	6.2	80
9	30.09	19.5	WSW	3.5	85
10	30.06	20.1	N	5.8	82
11	30.07	21.2	NE	0	78
12	30.04	25.1	ESE	9.1	61
13	30.04	30.6	ESE	4.6	46
14	30.05	24.7	SSE	3.3	63
15	30.05	23.8	SSE	4.2	69
16	30.05	22.9	SSE	6.4	72
17	30.03	27.6	S	7.1	55
18	30.02	26.3	SE	6.4	53
19	30.03	23.5	SSE	6.2	64
20	30.02	20.3	SSE	4.9	77
21	30.02	19	SSE	6.7	85
22	30.03	19.2	SE	5.5	85
23	30.03	19	SSE	6.7	85
<u>Avg</u>	<u>30.055</u>	<u>22.492</u>		<u>5.658</u>	<u>72.792</u>

Weather Data for
1-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.03	19	SE	6.2	86
1	30.03	18.2	SSE	5.8	92
2	30.03	18.6	SE	5.3	96
3	30.03	19.3	SSE	6	91
4	30.03	19.2	SSE	6.9	91
5	30.03	19.1	SSE	8.2	96
6	30.03	19.2	SE	4.6	96
7	30.04	21.7	SSE	8.7	82
8	30.04	23.5	S	4.6	75
9	30.03	25.9	S	7.1	67
10	30.01	29.2	SSW	7.8	58
11	30	31.6	SSE	12.7	48
12	30	33.4	S	9.1	47
13	29.99	33.8	SW	4.4	42
14	29.98	34.5	S	7.3	42
15	29.98	34.5	SSE	6.4	43
16	29.96	33.8	SE	7.6	42
17	29.96	33.3	S	7.3	41
18	29.96	32	SSE	4.6	51
19	29.95	29.5	SE	3.3	56
20	29.95	26.1	SSE	6.4	68
21	29.96	25.1	SE	6.9	71
22	29.96	24.1	ESE	4.2	74
23	29.96	23.2	SE	5.8	77
<u>Avg</u>	<u>29.998</u>	<u>26.158</u>		<u>6.550</u>	<u>68.000</u>

Weather Data for
2-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.97	22.3	SSE	6.7	81
1	29.97	21.7	SSE	7.8	82
2	29.96	21	SSE	5.8	86
3	29.95	21.1	SSE	5.5	85
4	29.95	20.3	S	6	87
5	29.95	20.3	SSE	6.2	87
6	29.95	20.4	SE	6.4	86
7	29.95	22.5	SSE	7.3	76
8	29.95	25.2	S	10.2	67
9	29.94	26.8	SSW	6.7	62
10	29.92	29.6	SE	10.9	56
11	29.94	31.7	SSW	14.3	51
12	29.92	31.8	S	9.8	50
13	29.91	34.4	S	7.8	45
14	29.89	34.5	SE	9.3	44
15	29.87	34.7	S	7.8	41
16	29.86	34.6	S	16.7	41
17	29.86	33.8	SSW	12.7	47
18	29.85	21.4	S	6.2	55
19	29.85	30.3	SSE	8.9	57
20	29.85	26.2	S	6	69
21	29.85	24.9	S	9.6	74
22	29.87	23.8	SSE	2.6	76
23	29.86	23.6	SSE	9.3	75
<u>Avg</u>	<u>29.910</u>	<u>26.538</u>		<u>8.354</u>	<u>65.833</u>

Weather Data for
3-Aug-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.87	23.5	SSE	8.5	75
1	29.86	23.1	SSE	6.7	78
2	29.85	23.1	S	9.8	79
3	29.84	23.1	SSE	9.3	81
4	29.82	23.1	S	7.1	81
5	29.83	22.8	S	10.5	80
6	29.83	23.5	S	7.6	75
7	29.83	26.1	S	7.6	65
8	29.82	27.8	S	8.9	60
9	29.82	30.2	SSW	10.9	54
10	29.82	29.9	SSW	8.2	57
11	29.8	32.3	SSW	6.7	49
12	29.8	33.1	SSW	12.7	49
13	29.79	33.2	W	5.3	50
14	29.78	33.9	SSW	14.3	48
15	29.78	33	SW	19.4	50
16	29.78	33.1	SW	12.3	54
17	29.79	31.5	WSW	4	59
18	29.78	31.7	SSW	8.7	61
19	29.78	30.5	S	5.1	65
20	29.78	28.4	SW	6.7	69
21	29.8	26.6	SW	6	73
22	29.82	25.8	SSW	4.2	75
23	29.83	24.8	SW	3.5	78
<u>Avg</u>	<u>29.813</u>	<u>28.088</u>		<u>8.500</u>	<u>65.208</u>

Weather Data for
4-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.85	25	SW	2.6	75
1	29.92	25.1	W	20.3	75
2	29.9	23.3	NE	0	76
3	29.9	21.7	S	5.3	87
4	29.9	20.7	SW	2	91
5	29.93	19.9	W	1.3	93
6	29.99	20.7	NNW	4.4	88
7	30	21.4	WNW	9.3	88
8	29.99	22.7	N	5.5	80
9	30	22.7	NW	6.9	75
10	30.04	25.7	N	11.1	59
11	30.04	26.7	NNW	6.2	47
12	30.05	29.5	N	5.3	38
13	30.06	29.4	NNW	6.2	37
14	30.08	31.6	NNW	6.9	39
15	30.09	30.5	N	5.1	39
16	30.09	26.9	NW	3.1	47
17	30.09	26.6	NNE	6.4	44
18	30.09	25.7	NNW	6.4	49
19	30.08	23.2	NW	1.1	54
20	30.1	18.4	WNW	0	74
21	30.11	15.8	NW	0	85
22	30.13	16.1	NW	3.8	89
23	30.14	15.9	NNW	2.9	90
<u>Avg</u>	<u>30.024</u>	<u>23.550</u>		<u>5.088</u>	<u>67.458</u>

Weather Data for
5-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.14	15.5	WNW	0.4	87
1	30.15	14.1	N	0	90
2	30.16	14	NNW	0	90
3	30.17	12.7	NNW	0	92
4	30.17	12.6	NNW	0	96
5	30.19	12.3	N	3.3	96
6	30.19	12.8	N	4.4	96
7	30.2	16.5	NE	1.7	89
8	30.21	18.4	NNE	6	75
9	30.21	22.2	N	3.8	62
10	30.22	25.4	NNE	0.4	45
11	30.22	27.4	NNE	1.5	41
12	30.21	30.3	NNE	2.4	31
13	30.21	30.9	SSE	0.8	28
14	30.2	32	NE	1.5	25
15	30.19	32.5	ENE	0	24
16	30.16	31.7	ENE	3.8	27
17	30.15	30.9	NNE	0.6	30
18	30.14	29.5	NNE	2.6	32
19	30.13	26.6	ENE	0.4	43
20	30.13	19.4	ENE	2	65
21	30.14	16.7	ENE	0	73
22	30.15	15.5	NE	0	76
23	30.15	13.4	NE	0	85
<u>Avg</u>	<u>30.175</u>	<u>21.388</u>		<u>1.483</u>	<u>62.417</u>

Weather Data for
6-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.15	12.8	NE	0	87
1	30.14	12.4	NE	0	89
2	30.14	12.1	NE	0	91
3	30.14	11.8	NE	0	92
4	30.14	11.4	NE	0	93
5	30.14	11.4	NE	0	96
6	30.14	11.1	NE	0	96
7	30.14	17.9	NNE	1.7	82
8	30.15	21.9	NNE	0	67
9	30.14	25.4	ESE	0	52
10	30.13	26.7	SE	2.9	46
11	30.12	29.6	S	7.6	38
12	30.1	29.5	WSW	8.2	33
13	30.09	31.1	SW	6.4	31
14	30.08	31.2	SSW	9.6	30
15	30.06	31.1	SSW	3.1	34
16	30.04	31.1	WSW	4.4	32
17	30.02	30.4	WSW	1.3	35
18	30.01	29.4	SW	4.6	38
19	30.01	28.4	WSW	0	45
20	30.01	20.6	WSW	0	70
21	30.02	17.4	SSW	0	80
22	30.02	16.7	ESE	0	83
23	30.03	14.5	ESE	0	88
<u>Avg</u>	<u>30.090</u>	<u>21.496</u>		<u>2.075</u>	<u>63.667</u>

Weather Data for
7-Aug-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.02	14.1	ESE	0	90
1	30.02	13.5	SSE	0	91
2	30.01	13.7	SSE	4.4	96
3	30.01	14.1	SSE	0	96
4	30	13.1	SSE	0	96
5	30	11.9	SE	0	96
6	30.01	13.8	SSE	3.3	96
7	30.02	21.4	SSE	2.9	72
8	30.04	22.2	S	4.2	63
9	30.04	25.2	SSW	3.1	55
10	30.03	29.2	SW	5.1	44
11	30.03	31	SW	7.8	35
12	30.03	32.2	SW	5.1	34
13	30.01	34.4	SSW	1.1	32
14	30	34.2	SW	12.5	30
15	29.98	34.4	SW	8.2	31
16	29.97	34.8	WSW	6	32
17	29.96	33	SW	7.6	33
18	29.95	31.7	SSW	4.2	38
19	29.94	30.1	S	2.9	46
20	29.95	22.4	SE	3.5	65
21	29.96	20.5	SE	0	68
22	29.97	19.7	SSE	1.5	72
23	29.97	21.4	SE	4.2	63
<u>Avg</u>	<u>29.997</u>	<u>23.833</u>		<u>3.650</u>	<u>61.417</u>

Weather Data for
8-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.97	21.2	S	2.9	65
1	29.97	20.8	SSE	6.2	64
2	29.98	19.4	S	6.2	70
3	29.97	18.5	S	4	75
4	29.96	17.7	S	4.9	80
5	29.96	17.2	SSE	4	84
6	29.96	17.4	S	6.2	87
7	29.96	21.9	SSE	3.8	70
8	29.98	24.1	S	6.7	64
9	29.98	27.5	SSW	6.4	56
10	29.99	30.5	W	2.4	49
11	29.99	32.7	WSW	3.1	43
12	29.99	35.4	SW	5.1	37
13	29.97	35.7	SSW	6.4	32
14	29.95	36.4	WSW	4.4	33
15	29.93	36.8	SSW	9.3	31
16	29.9	33.4	SW	6.7	41
17	29.9	31.9	SW	4.9	48
18	29.88	33.1	S	4.2	43
19	29.89	30.7	SSW	1.7	51
20	29.89	25.3	SSE	1.1	64
21	29.91	23.7	SSE	3.5	74
22	29.91	23.2	SSE	5.3	75
23	29.92	22.8	S	3.1	75
<u>Avg</u>	<u>29.946</u>	<u>26.554</u>		<u>4.688</u>	<u>58.792</u>

Weather Data for
9-Aug-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.92	22.4	SSW	5.5	74
1	29.92	21.8	S	6	76
2	29.91	21.1	S	3.8	77
3	29.89	21.2	S	3.1	78
4	29.9	20.4	S	5.8	81
5	29.92	19.2	SSW	4.9	86
6	29.93	18.4	S	0.8	89
7	29.92	23	S	3.3	71
8	29.93	25.5	SSW	4.6	64
9	29.92	29.4	SW	5.3	53
10	29.92	32.5	W	4.9	48
11	29.92	34.8	WSW	2.6	42
12	29.9	35.8	SW	6.2	41
13	29.89	35.4	SSW	4.4	38
14	29.88	36.7	S	9.1	38
15	29.86	36.5	SW	8.7	38
16	29.83	36.1	SW	5.3	39
17	29.81	35.8	WSW	3.1	39
18	29.84	31.5	WSW	3.8	52
19	29.85	28.6	SW	0	65
20	29.85	26.9	NW	8	72
21	29.92	23.5	NNE	10	70
22	29.94	21.5	ENE	0	80
23	29.92	20.3	ENE	1.1	90
<u>Avg</u>	<u>29.895</u>	<u>27.429</u>		<u>4.596</u>	<u>62.542</u>

Weather Data for
10-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.91	20.1	SSE	0	93
1	29.91	20	S	2.9	94
2	29.91	19.8	SSW	0	96
3	29.92	19.4	N	0	96
4	29.92	19.4	NNE	0	96
5	29.93	19.3	NNE	4	96
6	29.94	19.6	N	0	96
7	29.95	20.3	N	6.7	96
8	29.96	22.1	NNE	1.5	92
9	29.97	26.3	ENE	2.6	68
10	29.98	27.6	NNE	4.6	59
11	29.98	29.8	ENE	4	51
12	29.98	32.1	E	4.6	44
13	29.97	33.1	ENE	5.3	41
14	29.97	32.9	NNE	3.3	41
15	29.95	31.5	E	5.8	46
16	29.94	33.1	E	1.5	42
17	29.93	32	ENE	3.5	44
18	29.93	31	NE	0.6	46
19	29.93	26.7	NNE	0	58
20	29.95	23.1	ENE	0	72
21	29.96	21.9	ENE	0	80
22	29.95	21.8	ENE	2.2	80
23	29.96	22.1	ENE	0	78
<u>Avg</u>	<u>29.946</u>	<u>25.208</u>		<u>2.213</u>	<u>71.042</u>

Weather Data for
11-Aug-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.95	21.9	E	3.5	77
1	29.96	20.4	ESE	4	85
2	29.97	20.2	WSW	0	92
3	29.94	20.2	ESE	6.4	93
4	29.93	20.1	ESE	5.5	94
5	29.93	20.2	SSE	6.7	94
6	29.93	19.8	NNW	2.2	94
7	29.94	19.8	ENE	0	96
8	29.94	20.1	SE	4	96
9	29.9	23.5	SE	5.1	96
10	29.93	21.5	SE	0	91
11	29.89	21.4	SSE	7.1	91
12	29.88	22.2	SSE	8	84
13	29.85	28.8	S	20.1	59
14	29.84	28.5	S	13.8	61
15	29.82	27.6	SSW	9.3	66
16	29.82	26.9	SSW	6	71
17	29.79	26.9	SSE	4	74
18	29.77	25.7	SE	1.3	78
19	29.77	24.5	SSE	3.8	84
20	29.8	21.3	WNW	7.1	96
21	29.8	20.7	WNW	3.1	96
22	29.79	20.8	WSW	0	96
23	29.81	21	W	2.9	96
<u>Avg</u>	<u>29.873</u>	<u>22.667</u>		<u>5.163</u>	<u>85.833</u>

Weather Data for
12-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.82	20.4	WSW	0	96
1	29.82	19.5	WSW	0	96
2	29.82	19.4	WNW	1.3	96
3	29.83	18.5	W	0	96
4	29.83	17.8	W	0	96
5	29.85	18.1	SSE	2.6	96
6	29.86	18.4	SSE	3.3	96
7	29.86	19.5	SW	0	96
8	29.88	20.8	NW	3.5	96
9	29.89	21.4	NW	0	96
10	29.9	24.1	NW	2.2	96
11	29.91	24.1	NNW	5.3	77
12	29.9	25.5	NE	4.6	74
13	29.9	25.3	NNE	3.5	66
14	29.91	27.3	NNW	0	62
15	29.91	25.4	NW	4.4	65
16	29.9	24.5	NNW	0	64
17	29.9	24.1	NNW	5.1	66
18	29.89	24.7	NNW	3.5	60
19	29.91	22	N	0	71
20	29.9	18.8	NNE	0	81
21	29.9	17.7	NNE	0	88
22	29.91	16.8	ENE	0	89
23	29.93	16.7	S	0	96
<u>Avg</u>	<u>29.880</u>	<u>21.283</u>		<u>1.638</u>	<u>83.958</u>

Weather Data for
13-Aug-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.92	16.8	NNE	0	96
1	29.92	16.9	NNE	0	96
2	29.94	17.2	NNE	3.5	96
3	29.92	17.2	NNE	0	96
4	29.91	17.1	NNE	4	96
5	29.93	17	NNE	0	96
6	29.94	17	NNE	4.2	96
7	29.94	17.1	NE	2	92
8	29.94	17	NNE	0	91
9	29.95	17.1	N	6.4	90
10	29.96	16.8	NE	1.7	92
11	29.96	17.7	NE	0	92
12	29.96	18.8	NE	2.4	86
13	29.98	21.7	NE	1.1	76
14	29.96	24.2	E	6.7	60
15	29.94	23.1	N	7.1	62
16	29.93	23.8	NE	0.2	58
17	29.91	23.3	NNE	4.4	56
18	29.93	23	N	0	61
19	29.94	20.2	NNE	0.6	71
20	29.95	17.8	NE	2	80
21	29.98	17.4	N	4.9	81
22	29.98	16.3	NNE	4.2	82
23	29.98	15.7	NNE	8	81
<u>Avg</u>	<u>29.945</u>	<u>18.758</u>		<u>2.642</u>	<u>82.625</u>

Weather Data for
14-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.99	15.1	NNE	4.9	80
1	29.98	14.5	N	5.3	79
2	29.99	13.8	N	5.8	84
3	30	12.7	NNW	6.2	91
4	30	12.4	N	4.9	96
5	30.02	12.1	N	5.3	96
6	30.02	11.9	NNE	1.7	96
7	30.03	13.8	NNE	4.4	90
8	30.04	16.5	N	5.3	79
9	30.04	19.6	NE	6	67
10	30.05	22.6	NE	0	56
11	30.05	24.7	SW	0	51
12	30.06	28.6	NNE	1.7	39
13	30.05	28.3	N	0	37
14	30.04	29.6	NE	0	34
15	30.04	30.5	E	2.2	33
16	30.04	29.6	NNE	4.2	34
17	30.04	29	NNE	4.9	36
18	30.04	26.2	NNE	0.6	44
19	30.04	23.5	NNE	0.4	51
20	30.04	17.5	NNE	0	73
21	30.06	15.1	NNE	0	83
22	30.07	14.7	NNE	0	85
23	30.07	14.4	NNE	1.1	87
<u>Avg</u>	<u>30.033</u>	<u>19.863</u>		<u>2.704</u>	<u>66.708</u>

Weather Data for
15-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.08	14.4	NNE	0	88
1	30.08	13.9	NNE	0	90
2	30.07	12.5	NNE	1.3	92
3	30.09	11.8	NNE	0	96
4	30.1	11.5	NNE	0	96
5	30.11	11.4	NNE	0	96
6	30.11	11.2	NNE	0	96
7	30.11	15.1	N	0	96
8	30.12	19.5	ENE	0	78
9	30.13	23.2	ENE	0	64
10	30.14	26.2	ENE	2.6	47
11	30.12	28.7	ENE	2.2	40
12	30.11	30.7	ENE	0	36
13	30.1	31.6	WSW	0	32
14	30.09	31.9	NE	0	35
15	30.08	32.7	N	0	31
16	30.07	31.5	NNW	3.8	35
17	30.07	30.9	NW	0.8	34
18	30.06	29.5	NNW	1.1	38
19	30.06	25.7	NNW	0	52
20	30.07	19.2	NNE	0	73
21	30.08	16.9	NNE	0	81
22	30.08	15.9	NNE	0	85
23	30.08	15.1	NNE	0	88
<u>Avg</u>	<u>30.092</u>	<u>21.292</u>		<u>0.492</u>	<u>66.625</u>

Weather Data for
16-Aug-05

Hour	Pressure [inches Hg]	Temperature °C	Wind Direction	Wind Speed [mph]	% Relative Humidity
0	30.08	14.5	NNE	0	91
1	30.07	14.3	NNE	0	96
2	30.08	13.9	NNE	0	96
3	30.08	13.7	NNE	0	96
4	30.07	13.4	NNE	0	96
5	30.08	13	NNE	0	96
6	30.09	12.8	NNE	0	96
7	30.11	19.1	NNE	0	87
8	30.11	22.4	NE	0	72
9	30.12	24.7	NNE	1.7	62
10	30.12	27.7	ENE	1.7	49
11	30.11	30.4	N	5.8	42
12	30.11	32.2	ENE	2.2	39
13	30.1	33.4	NE	0	36
14	30.08	33.8	ENE	1.3	34
15	30.07	34.9	NE	1.3	33
16	30.06	33	ESE	1.1	35
17	30.05	31.6	SE	2	39
18	30.05	30.5	SE	0	41
19	30.04	27.2	ENE	0	54
20	30.04	20.9	ENE	1.1	69
21	30.06	20.1	E	0.4	78
22	30.06	17.7	SSE	2.9	85
23	30.06	16.6	ESE	0	89
<u>Avg</u>	<u>30.079</u>	<u>22.992</u>		<u>0.896</u>	<u>67.125</u>

Weather Data for
17-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.05	16.3	SE	0	93
1	30.04	15.3	ESE	1.3	94
2	30.03	16.5	SE	0.4	96
3	30.03	17.1	ESE	0.4	83
4	30.02	17.8	ESE	2	86
5	30.01	17.2	SE	5.8	86
6	30.01	17.4	SSE	5.8	86
7	30.01	20.3	SE	4.4	73
8	30	22.4	SSE	6	65
9	29.98	25.4	SE	4.6	58
10	29.98	28.1	SE	4.4	49
11	29.97	29.6	S	11.6	45
12	29.95	29.3	SSE	7.6	46
13	29.93	30.5	S	8	44
14	29.9	32.5	SSE	9.8	38
15	29.88	30.2	SE	8.5	44
16	29.86	30.1	SSE	3.3	45
17	28.84	28.1	SSE	5.8	52
18	29.83	26.2	SE	2.6	60
19	29.82	24.5	SE	1.5	64
20	29.8	23.4	SE	4.4	70
21	29.78	23.1	SE	4.2	71
22	29.77	23	SE	5.5	71
23	29.74	22.5	SE	7.8	70
<u>Avg</u>	<u>29.885</u>	<u>23.617</u>		<u>4.821</u>	<u>66.208</u>

Weather Data for
18-Aug-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.77	22.1	SSE	8.9	74
1	29.74	21.1	SSE	7.1	82
2	29.71	21.2	S	8	82
3	29.69	21	S	12.5	91
4	29.67	20.8	SSE	6	92
5	29.65	20.7	SSW	4.2	93
6	29.64	21.5	SSW	7.3	96
7	29.64	21.7	SSW	5.3	96
8	29.66	22.8	NE	1.1	90
9	29.65	26.1	ESE	4.2	80
10	29.64	29.7	SW	9.3	63
11	29.64	31.4	SSW	5.1	56
12	29.63	32.8	SW	10.5	51
13	29.63	33.5	WSW	11.8	46
14	29.63	33.5	W	11.8	43
15	29.63	33.6	W	11.1	44
16	29.64	32.7	W	2.6	45
17	29.65	31.7	NW	8.5	47
18	29.67	29.5	W	10.2	58
19	29.69	27.5	N	3.1	62
20	29.7	22.5	NNW	4	77
21	29.72	21.4	NNE	6.2	82
22	29.74	20.4	N	4	84
23	29.74	18.2	NNE	0.6	88
<u>Avg</u>	<u>29.674</u>	<u>25.725</u>		<u>6.808</u>	<u>71.750</u>

Weather Data for
19-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.77	17.9	NNE	0	91
1	29.77	16.7	NNE	0	92
2	29.79	16.8	NW	0	96
3	29.79	16.1	SSE	0	96
4	29.78	15.9	SSE	0	96
5	29.81	15.4	SSE	0	96
6	29.83	15.5	SSE	0	96
7	29.83	19.5	SSE	0	96
8	29.85	23.9	S	0.4	77
9	29.84	27.7	S	5.8	61
10	29.84	30.5	E	0	54
11	29.83	31.5	SSE	5.5	49
12	29.82	33.8	SW	3.5	44
13	29.82	34.8	SSW	5.1	43
14	29.82	34.7	SSW	6.4	43
15	29.8	35.3	S	2	42
16	29.8	35.1	S	6.2	44
17	29.79	34.4	SW	6.4	47
18	29.78	30.5	S	0	60
19	29.79	26.7	S	0	71
20	29.88	21.2	S	17.2	86
21	29.79	20.7	E	12	86
22	29.83	20.4	SE	0.6	84
23	29.81	21.2	SE	7.8	80
<u>Avg</u>	<u>29.811</u>	<u>24.842</u>		<u>3.288</u>	<u>72.083</u>

Weather Data for
20-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.81	20.5	S	5.8	88
1	29.82	20.2	SSW	0	93
2	29.82	19.5	W	0	93
3	29.83	18.8	N	0	96
4	29.85	19.3	SSE	3.1	96
5	29.85	18.2	W	0	96
6	29.87	18.8	NW	1.3	96
7	29.89	20.7	NW	2.4	96
8	29.9	23.2	WNW	7.1	80
9	29.92	26	NW	5.1	66
10	29.95	27.9	NE	5.1	58
11	29.96	30.2	WNW	5.8	47
12	29.96	31.4	WNW	6.2	41
13	29.98	32.2	NW	1.3	39
14	29.97	32.1	WNW	2.9	34
15	29.97	32.7	NW	4.6	33
16	29.97	31.3	WNW	4.9	34
17	29.96	30.8	NW	0	39
18	29.96	30.2	WNW	3.5	42
19	29.96	26.9	NW	0	52
20	29.98	19.2	WNW	0	77
21	29.99	17.4	NW	0	84
22	30	16.9	WSW	0.8	89
23	30	16.5	SW	0	91
<u>Avg</u>	<u>29.924</u>	<u>24.204</u>		<u>2.496</u>	<u>69.167</u>

Weather Data for
21-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30	17.5	SW	2	96
1	29.99	16.4	WSW	0	93
2	30.01	15.8	W	0	93
3	30.02	15.9	N	0.8	96
4	30.03	14.7	N	0	93
5	30.03	14.1	NNE	2.2	96
6	30.05	13.6	NNE	0	96
7	30.06	17.1	NNE	0.8	90
8	30.07	21	N	0.6	70
9	30.07	23.8	N	0	53
10	30.08	26.9	NE	0.8	40
11	30.07	29.4	E	0.6	35
12	30.06	31.1	NE	0	31
13	30.05	31.5	WNW	0.6	29
14	30.03	31.4	NNW	4.6	32
15	30.01	31.2	NNW	5.3	34
16	30	31	N	8.2	34
17	30	29.7	NW	1.7	37
18	29.98	26.5	NNE	4.4	45
19	29.98	22.5	N	0.8	62
20	30	17.7	NNE	4.2	77
21	30	18.2	NNE	6.9	73
22	30.01	16.3	NNE	4.2	80
23	30.01	15.9	NNE	5.5	93
<u>Avg</u>	<u>30.025</u>	<u>22.050</u>		<u>2.258</u>	<u>65.750</u>

Weather Data for
22-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.03	14.5	NNE	0	85
1	30.02	13.2	NNE	0	89
2	30.01	12.3	NNE	0	91
3	30.03	12.5	NNE	2.6	92
4	30.03	12.1	NNE	1.1	92
5	30.03	11.5	NE	0	92
6	30.04	11.2	NE	0	93
7	30.05	13.5	NE	2.4	90
8	30.05	16.2	NE	1.7	83
9	30.06	19.8	NNE	5.1	68
10	30.07	22.6	ENE	6.2	55
11	30.06	25.4	NE	5.1	46
12	30.05	24.7	ENE	0	42
13	30.04	26.9	NNE	1.7	37
14	30.03	27.7	ENE	5.3	38
15	30.01	27.1	ENE	1.7	38
16	30.01	26.4	ENE	0	41
17	29.99	24.8	ENE	0	44
18	29.98	24.2	E	0	48
19	29.99	20.3	ENE	0	58
20	30.01	16.2	ENE	0	75
21	30.01	15.2	ENE	2.4	79
22	30.03	13.9	E	2	84
23	30.04	13.2	E	4.6	87
<u>Avg</u>	<u>30.028</u>	<u>18.558</u>		<u>1.746</u>	<u>68.625</u>

Weather Data for
23-Aug-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.04	13.1	ENE	4	90
1	30.04	12.7	ENE	5.3	91
2	30.04	12.3	ENE	4.2	92
3	30.04	12.3	ENE	0	92
4	30.05	11.5	E	1.7	93
5	30.06	10.8	SE	0	93
6	30.06	11.7	E	2.9	96
7	30.06	13.8	E	8.2	87
8	30.08	17.1	ESE	6	69
9	30.08	20.1	ESE	8	60
10	30.08	22.1	ESE	8.2	51
11	30.07	23.7	E	5.3	48
12	30.06	23.8	ENE	4.4	45
13	30.06	25.7	SE	8.9	43
14	30.05	24.5	ENE	8.5	48
15	30.04	24.8	E	6	45
16	30.03	25.2	ESE	6.9	44
17	30.02	25.2	ESE	8	45
18	30.01	23.6	ESE	6.2	48
19	30.01	19.8	ESE	5.3	62
20	30.01	17	ESE	4.6	71
21	30.02	16.7	ESE	5.8	73
22	30.03	16.2	ENE	2.4	76
23	30.04	15.5	ESE	6	77
<u>Avg</u>	<u>30.045</u>	<u>18.300</u>		<u>5.283</u>	<u>68.292</u>

Weather Data for
24-Aug-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.04	14.7	ENE	5.1	81
1	30.05	14.4	SE	8.7	88
2	30.04	13.9	E	9.1	85
3	30.05	13.5	SE	4.9	83
4	30.06	13	ESE	5.8	86
5	30.07	12.3	ESE	5.8	88
6	30.07	11.9	ENE	8.9	90
7	30.07	13.8	E	4.9	84
8	30.08	15.9	ESE	6.9	74
9	30.06	18.4	E	6	69
10	30.06	22.4	SSE	8	56
11	30.06	24.2	SE	5.8	48
12	30.06	23.4	SE	6.7	51
13	30.05	26.7	SSE	11.1	42
14	30.03	22.8	SE	3.8	54
15	30.02	24.4	SE	4	48
16	30.01	24.7	SE	5.1	50
17	30.01	23.7	SE	8.5	52
18	30.01	22.7	ESE	9.8	58
19	30.01	21.4	ESE	5.5	84
20	30.01	20.3	ESE	2.4	70
21	30.02	20.2	E	4	71
22	30.02	19	ESE	6.2	75
23	30.02	18.9	E	5.8	77
<u>Avg</u>	<u>30.041</u>	<u>19.025</u>		<u>6.367</u>	<u>69.333</u>

Weather Data for
25-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.03	19.3	ESE	7.8	74
1	30.04	19.3	SE	10.2	73
2	30.02	18.2	SE	1.7	79
3	30.02	18.7	SE	4.2	78
4	30.03	19	SE	1.7	78
5	30.02	18.4	ESE	1.5	81
6	30.01	18.9	ESE	8.7	79
7	30.01	19.4	SE	4	78
8	30.02	21.1	SE	3.3	72
9	30.01	24	SE	16.5	61
10	30.02	26.5	SSE	5.8	55
11	30.01	28.5	SSE	11.4	54
12	30	28.7	ESE	7.1	53
13	30	29.7	SSE	12.9	50
14	29.99	26.4	ESE	6	61
15	29.98	28.1	SE	5.3	57
16	29.96	25.6	SSE	10.5	66
17	29.96	25.1	S	10.2	71
18	29.96	23.8	SE	0.6	75
19	29.96	22.3	ESE	8.7	82
20	29.97	21.6	ESE	8.2	86
21	29.98	21.4	SE	5.5	89
22	29.98	21.4	S	4	89
23	29.97	21.1	ESE	10.7	90
<u>Avg</u>	<u>29.998</u>	<u>22.771</u>		<u>6.938</u>	<u>72.125</u>

Weather Data for
26-Aug-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.96	20.8	SE	6.4	90
1	29.95	20.7	SSE	6.2	92
2	29.93	20.5	SSE	7.1	96
3	29.9	20.6	SSE	9.8	96
4	29.9	20.5	SSE	6.7	96
5	29.88	20.5	SSW	6.4	96
6	29.86	20.6	S	7.3	96
7	29.87	20.8	SSE	5.5	96
8	29.85	21.4	SSE	6.2	96
9	29.87	21.5	S	9.6	96
10	29.87	22.2	S	9.3	90
11	29.85	23.2	SSE	4.4	83
12	29.85	22.9	SSW	6	84
13	29.81	24.8	S	13.4	75
14	29.8	24.5	SW	4.2	74
15	29.79	25.2	WSW	7.6	75
16	29.78	28.4	WSW	2.4	62
17	29.77	30	W	2.4	57
18	29.75	28.1	SSW	6	60
19	29.76	24	SSW	3.1	75
20	29.77	22.8	W	4.6	82
21	29.79	21.7	N	4.2	87
22	29.8	19.7	N	1.5	91
23	29.82	14	NW	2.2	96
<u>Avg</u>	<u>29.841</u>	<u>22.475</u>		<u>5.938</u>	<u>85.042</u>

Weather Data for
27-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.8	17.8	NNW	0	96
1	29.8	17.2	NNW	1.7	96
2	29.78	16.1	WNW	0	96
3	29.78	14.4	NNW	0	96
4	29.78	13.4	N	0	96
5	29.79	13.3	N	0	96
6	29.81	12.7	N	0	96
7	29.82	14	N	0	96
8	29.83	19.2	SW	1.7	84
9	29.83	23.5	WSW	3.3	74
10	29.82	28.1	WSW	0.8	51
11	29.84	28.2	W	5.1	47
12	29.82	28.2	WSW	1.3	48
13	29.8	31.5	SSW	7.8	30
14	29.78	32.1	WSW	6.4	27
15	29.77	32.4	SW	6.7	27
16	29.76	32.4	WSW	8	32
17	29.75	31.2	W	3.8	35
18	29.75	30.5	WSW	4.6	39
19	29.75	25.1	WSW	1.3	53
20	29.76	20.8	SSW	2.6	69
21	29.77	17.8	SW	0	81
22	29.78	17.2	W	0	86
23	29.8	15.8	NNW	0	86
<u>Avg</u>	<u>29.790</u>	<u>22.204</u>		<u>2.296</u>	<u>68.208</u>

Weather Data for
28-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.8	16.4	N	2.6	87
1	29.8	15.5	N	5.1	87
2	29.8	13.3	NNE	0.4	90
3	29.81	14.6	NNE	2.2	93
4	29.83	12.4	NNE	0	92
5	29.83	12.2	NNE	0	96
6	29.85	11.9	E	0	96
7	29.85	13.9	NNE	0	96
8	29.85	19.6	NNE	2.6	83
9	29.88	23.4	ENE	0	64
10	29.88	27.4	S	0	35
11	29.88	30.2	NE	4	37
12	29.87	30.9	NNW	1.3	31
13	29.86	33.2	N	4.4	29
14	29.86	33.7	N	7.6	26
15	29.84	34	SW	0	27
16	29.83	33.4	NW	6	29
17	29.84	31.4	N	1.7	32
18	29.83	26.7	NNW	4	46
19	29.83	22	NNE	1.7	58
20	29.84	18.1	NNE	0	73
21	29.86	15.6	NNE	0	82
22	29.87	14.8	SSE	0	89
23	29.88	14.5	SSE	0	91
<u>Avg</u>	<u>29.845</u>	<u>21.629</u>		<u>1.817</u>	<u>65.375</u>

Weather Data for
29-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.88	14.3	SE	0	96
1	29.88	14.1	SE	0	96
2	29.87	13.7	SE	0	96
3	29.86	13.4	SE	0	96
4	29.86	12.8	SSE	0	96
5	29.86	12.8	SSE	0	96
6	29.87	12.5	SSE	0	96
7	29.88	15.3	SSE	0	94
8	29.88	21.2	SSW	1.1	78
9	29.89	24.2	W	1.3	64
10	29.89	28.8	SSW	3.3	47
11	29.89	32	WSW	3.8	37
12	29.87	32.9	W	2.6	33
13	29.85	33.2	WSW	0.8	32
14	29.83	34.3	WSW	3.5	31
15	29.82	34.2	W	3.1	31
16	29.81	32	WNW	1.7	35
17	29.8	31.4	W	2.4	35
18	29.8	30.2	WNW	0	42
19	29.8	24.1	WSW	0	59
20	29.8	19.8	WSW	0	73
21	29.8	18.5	W	0	82
22	29.81	17	W	0	85
23	29.81	16.2	SSW	0	89
<u>Avg</u>	<u>29.846</u>	<u>22.454</u>		<u>0.983</u>	<u>67.458</u>

Weather Data for
30-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.8	15.5	N	0	89
1	29.78	16	NE	2	96
2	29.78	15.7	NE	0	96
3	29.78	15.7	NE	0	96
4	29.78	14.8	NNE	1.1	94
5	29.79	14.4	NE	0	96
6	29.79	12.9	NE	0	96
7	29.8	14.7	NNE	2.9	96
8	29.79	19.5	NE	1.5	85
9	29.79	23.7	ENE	4.4	68
10	29.78	27.4	NE	0	49
11	29.78	31.1	ENE	2.9	40
12	29.76	30.8	NNE	7.1	36
13	29.74	32.5	NNE	0	33
14	29.73	31.7	NE	0.6	32
15	29.72	32.2	NNE	5.8	32
16	29.72	31.2	NE	2.2	32
17	29.72	29.2	NE	5.1	35
18	29.72	27.4	NNE	6	41
19	29.73	22.1	NNE	0	55
20	29.75	17.4	NE	0	72
21	29.76	17.1	ENE	0	78
22	29.77	15.7	ENE	0	82
23	29.78	15.1	ENE	0	86
<u>Avg</u>	<u>29.764</u>	<u>21.825</u>		<u>1.733</u>	<u>67.292</u>

Weather Data for
31-Aug-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.78	13.7	ENE	0	88
1	29.79	14.1	ENE	0	96
2	29.79	14.2	ENE	0	96
3	29.8	12	ENE	0	96
4	29.82	11.8	NE	0	96
5	29.83	11.2	NE	0	96
6	29.85	12.1	NE	0	96
7	29.85	14.1	ENE	0	96
8	29.86	18.7	ESE	0	86
9	29.87	22.8	SSE	0	65
10	29.86	26.5	SSE	0	50
11	29.86	29.3	SW	4.6	41
12	29.85	30.8	SW	7.3	38
13	29.84	32.1	SSW	5.5	36
14	29.82	32.3	WSW	6	36
15	29.81	30.4	SSW	6.9	40
16	29.8	29.5	SW	2.4	45
17	29.81	28.1	WSW	0	52
18	29.8	27.1	SW	0.8	55
19	29.82	24.2	NW	7.6	69
20	29.84	22.2	NE	6.2	75
21	29.86	21.1	NW	8.5	73
22	29.88	17.8	N	0	82
23	29.89	15.5	N	1.5	90
<u>Avg</u>	<u>29.833</u>	<u>21.317</u>		<u>2.388</u>	<u>70.542</u>

Weather Data for
1-Sep-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.9	14.3	NW	0	91
1	29.91	13.6	WNW	0.8	96
2	29.93	12.3	NNW	2.6	96
3	29.93	11	NNW	0	92
4	29.93	11.1	NW	0	96
5	29.95	9.8	W	0	93
6	29.96	9.5	WSW	0	94
7	29.98	11.2	WSW	0.4	96
8	30	16.4	WSW	0.6	80
9	30	21.6	WSW	2.4	61
10	30.01	26.2	SW	6.2	43
11	30	28.7	WSW	8	35
12	29.99	30.3	WSW	8	30
13	29.98	31.1	WNW	11.1	24
14	29.97	31.1	W	11.6	25
15	29.96	31.1	WNW	4.4	26
16	29.95	31.1	WSW	7.6	25
17	29.95	30.5	WNW	19.4	23
18	29.95	29.3	W	2	31
19	29.95	22	WNW	0	47
20	29.96	16.2	W	0	7
21	29.97	15.1	WSW	0	75
22	29.98	14.2	WSW	0	81
23	30	13.4	WNW	1.5	84
<u>Avg</u>	<u>29.963</u>	<u>20.046</u>		<u>3.608</u>	<u>60.458</u>

Weather Data for
2-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.01	13.1	WNW	0	84
1	30.02	13.6	NNW	0	82
2	30.02	11.5	NNE	0	86
3	30.04	10.7	NNE	0	89
4	30.06	10.5	WNW	0	81
5	30.08	10.5	WNW	0	91
6	30.09	10.3	WSW	0	93
7	30.11	12.1	WNW	0	96
8	30.11	19.3	NNW	0	72
9	30.12	22.5	N	2.9	50
10	30.13	25.2	NW	4	41
11	30.14	27.8	NE	0	29
12	30.14	30.3	NW	2.9	25
13	30.12	31.9	NW	6.2	23
14	30.11	31.4	NNW	5.1	26
15	30.1	31.1	N	0	26
16	30.09	32.5	NW	7.1	26
17	30.09	31.6	NNW	2	28
18	30.08	29.1	NNE	4	33
19	30.09	22.5	NNE	1.7	45
20	30.1	17.4	ENE	0	63
21	30.12	15.7	ENE	0	69
22	30.14	14.2	ENE	0	77
23	30.14	13.9	ENE	0	81
<u>Avg</u>	<u>30.094</u>	<u>20.363</u>		<u>1.496</u>	<u>59.000</u>

Weather Data for
3-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.15	12.8	NE	1.7	86
1	30.16	12.3	SW	0	87
2	30.16	11.2	SW	0	89
3	30.16	10.9	SSW	0	91
4	30.17	10.4	SW	0	92
5	30.19	10.5	SW	0	93
6	30.18	10.3	ESE	2.4	94
7	30.18	16.2	SE	2.4	80
8	30.19	20.1	SE	3.3	59
9	30.19	23.6	S	5.3	51
10	30.19	27.2	SSE	5.5	39
11	30.19	30.7	SSE	8.7	30
12	30.17	32.8	ESE	4.9	29
13	30.15	33.1	SSE	7.6	26
14	30.13	34.1	S	8.5	26
15	30.1	33.7	SSE	9.8	26
16	30.07	33.7	S	3.5	24
17	30.06	32.8	S	6.9	28
18	30.06	31.5	SSW	6.2	33
19	30.05	25.7	SSE	5.1	44
20	30.07	23.8	SE	5.5	51
21	30.08	22.7	SE	4	54
22	30.06	21.7	SE	6.2	57
23	30.06	20.3	SSE	5.3	61
<u>Avg</u>	<u>30.132</u>	<u>22.588</u>		<u>4.283</u>	<u>56.250</u>

Weather Data for
4-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.08	20	ESE	6	64
1	30.09	19.1	ESE	6.4	70
2	30.1	19.1	ESE	3.3	71
3	30.16	19.2	NE	10.9	74
4	30.11	19.8	E	4	68
5	30.09	19.3	SE	3.8	69
6	30.09	17.8	SE	7.3	79
7	30.11	19.2	SE	7.1	74
8	30.13	20.1	SE	6.2	70
9	30.11	18.7	SSE	5.3	79
10	30.13	20.4	E	5.5	74
11	30.14	21	ENE	4.6	69
12	30.16	17.4	NE	5.8	87
13	30.14	17.7	ESE	6.2	92
14	30.12	19.4	SSE	8.9	96
15	30.11	24.2	SSE	6.4	71
16	30.08	28.1	SE	6.7	51
17	30.07	29.8	SSE	6.4	44
18	30.07	28.6	SE	6.2	49
19	30.08	23.7	SE	4.9	61
20	30.1	21.7	ESE	5.8	74
21	30.11	20.8	SE	8	78
22	30.11	19.3	SE	5.3	84
23	30.12	18.5	SSE	6	86
<u>Avg</u>	<u>30.109</u>	<u>20.954</u>		<u>6.125</u>	<u>72.250</u>

Weather Data for
5-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.13	17.8	ESE	4.6	88
1	30.13	17.8	SE	4.9	90
2	30.13	17.8	SE	6	90
3	30.12	17.6	SSE	8.9	90
4	30.11	17.4	S	2.9	91
5	30.11	17.1	SSE	8	91
6	30.12	17.1	SSE	3.8	92
7	30.13	18.1	SSE	3.8	90
8	30.14	21.1	SSE	2.9	77
9	30.13	24.2	S	4.6	67
10	30.13	29.1	S	6.9	51
11	30.13	31.9	SW	5.5	40
12	30.12	32.6	SSW	10.5	34
13	30.1	34.4	SW	6.9	28
14	30.09	34.7	S	11.1	25
15	30.08	34.8	WSW	10.5	24
16	30.08	32.4	S	4.4	34
17	30.06	31.7	SSW	6.2	32
18	30.07	27.8	S	5.8	44
19	30.07	25	SSE	6.2	52
20	30.08	23.5	SSE	6.2	59
21	30.08	22.5	S	7.8	62
22	30.08	21.7	SSE	3.8	64
23	30.07	21.1	S	10.7	68
<u>Avg</u>	<u>30.104</u>	<u>24.550</u>		<u>6.371</u>	<u>61.792</u>

Weather Data for
6-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.08	20.6	SSE	6.4	71
1	30.09	20.7	S	9.6	72
2	30.09	19.2	S	5.5	78
3	30.1	20.2	SSE	2.6	76
4	30.11	19.8	SSW	6.7	78
5	30.14	20	W	0.8	75
6	30.19	19.2	NW	0	81
7	30.16	20.4	SSW	6	82
8	30.11	20.7	WSW	13.4	77
9	30.1	22.4	S	9.3	69
10	30.1	28.1	SSE	13.6	50
11	30.13	32.2	E	5.1	37
12	30.14	31.2	S	2.9	36
13	30.14	33.4	SSE	1.3	33
14	30.12	31.3	E	6.7	42
15	30.11	31.8	SE	5.8	38
16	30.1	32.5	SSW	2.6	33
17	30.11	30.2	WSW	0	45
18	30.11	29.9	W	0	46
19	30.12	22.7	W	0	66
20	30.13	20.5	SSE	2.2	74
21	30.13	19.9	SSE	0.8	78
22	30.13	20.8	SE	0.8	72
23	30.14	22.1	SSE	4	66
<u>Avg</u>	<u>30.120</u>	<u>24.575</u>		<u>4.421</u>	<u>61.458</u>

Weather Data for
7-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.14	20.8	SE	0	71
1	30.15	17	SE	0	84
2	30.14	16.9	SSE	1.7	89
3	30.14	16.1	SSE	0	90
4	30.13	15.5	N	0	92
5	30.13	15.4	N	2.6	94
6	30.13	15.2	N	0	94
7	30.14	15.8	N	0	96
8	30.14	21.2	N	0	90
9	30.15	26.4	WNW	0	57
10	30.15	31.4	W	2	42
11	30.15	30.9	WSW	3.3	45
12	30.13	33.4	NW	4.6	33
13	30.12	32.5	NW	2.9	36
14	30.11	31	NNW	6.2	40
15	30.1	32.9	NNW	15.2	39
16	30.09	30.1	NNW	4.9	47
17	30.08	28	NNW	2.9	50
18	30.08	26	NNW	5.5	58
19	30.08	22.1	N	4	69
20	30.08	18.7	N	0	80
21	30.09	17.9	NNE	0	88
22	30.1	16.8	NE	0	90
23	30.1	16.2	NE	0	93
<u>Avg</u>	<u>30.119</u>	<u>22.842</u>		<u>2.325</u>	<u>69.458</u>

Weather Data for
8-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.11	15.5	NNE	0.4	93
1	30.1	14.8	NE	0	96
2	30.09	14.3	NE	0	96
3	30.08	13.7	ENE	0	96
4	30.09	13.7	ENE	0	96
5	30.07	14.4	E	1.3	96
6	30.07	13.8	ESE	3.5	96
7	30.08	14.7	E	4	96
8	30.09	18.2	ESE	5.3	91
9	30.07	21.6	S	6.7	80
10	30.06	24.6	SE	10.2	63
11	30.5	29.2	E	4.9	48
12	30.04	21.2	NE	4.6	71
13	30.07	17.5	ENE	4.4	87
14	30.03	16.3	ENE	11.8	96
15	29.98	19.4	E	7.3	96
16	29.97	22.8	SE	5.8	72
17	29.97	21.4	SE	8.7	77
18	29.96	20.5	SSE	13.4	79
19	29.97	19.5	ESE	0	86
20	29.97	18.8	ESE	0	89
21	29.97	18.7	ESE	4.6	96
22	29.97	18	E	3.1	96
23	29.97	18.2	ESE	4.6	96
<u>Avg</u>	<u>30.053</u>	<u>18.367</u>		<u>4.358</u>	<u>87.000</u>

Weather Data for
9-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.97	18.1	ENE	2.6	96
1	29.97	18.2	SE	4.6	96
2	29.97	18.3	SE	6.2	96
3	29.97	18.4	SE	2.2	96
4	29.96	18.5	SSE	4.4	96
5	29.96	18.4	SSE	5.5	96
6	29.96	18.5	SSE	8.7	96
7	29.97	18.5	SSE	4	96
8	29.98	19.4	SSE	10.7	96
9	29.98	21.1	SSE	6.7	89
10	29.97	25.6	S	6.2	66
11	29.96	29.2	SSE	10.2	55
12	29.94	31.7	SSE	5.8	44
13	29.92	33.1	SSW	7.6	42
14	29.92	33.7	SSW	7.1	42
15	29.91	34.2	S	8.7	40
16	29.9	34.2	S	11.8	39
17	29.9	33.7	SSE	8.7	41
18	29.9	31.7	SE	3.8	50
19	29.91	27.1	SSE	3.5	59
20	29.92	25.1	SSE	6	67
21	29.93	24.2	SSE	5.1	71
22	29.94	22.4	SSE	5.3	78
23	29.95	21.4	S	6.2	84
<u>Avg</u>	<u>29.944</u>	<u>24.779</u>		<u>6.317</u>	<u>72.125</u>

Weather Data for
10-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.96	20.4	S	4.2	87
1	29.96	20.1	SSE	5.1	87
2	29.97	19.1	SSE	3.8	89
3	29.97	19.5	SSE	4.2	87
4	29.97	18.7	SSE	3.8	89
5	29.98	19.5	SSE	6	87
6	29.99	19.8	SSE	5.1	82
7	29.99	20.1	SE	5.5	84
8	29.99	22.8	SW	5.1	71
9	29.98	26.7	SSE	8.2	57
10	29.97	30.8	SW	10	44
11	29.97	31.8	SSW	12.7	39
12	29.97	32.3	SW	7.3	39
13	29.96	33.4	SW	6.7	34
14	29.95	33.4	SSW	18.3	33
15	29.94	34	SW	19.2	32
16	29.92	33.1	S	16.3	32
17	29.93	32.4	SSW	17.2	34
18	29.92	30.5	S	10.9	38
19	29.93	26	S	6	52
20	29.94	24.2	SSW	5.8	58
21	29.96	22.4	S	6	65
22	29.96	21.7	SSE	7.3	70
23	29.98	20.4	S	4.9	77
<u>Avg</u>	<u>29.961</u>	<u>25.546</u>		<u>8.317</u>	<u>61.125</u>

Weather Data for
11-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.98	19.8	S	6.9	80
1	29.98	20.8	SSW	5.5	77
2	29.99	19.1	S	1.3	85
3	30	18.4	SSW	4	90
4	30.02	19.4	S	6.2	86
5	30.03	19.3	S	6.2	87
6	30.04	19.8	S	5.8	86
7	30.05	22.4	S	5.5	74
8	30.05	22.4	S	5.5	74
9	30.06	25.2	SSW	9.1	63
10	30.05	29.5	SW	9.3	49
11	30.04	31.2	S	9.1	40
12	30.03	33.4	S	11.1	34
13	30.02	33.7	SSW	10.2	32
14	30	33.8	SE	6.9	31
15	29.98	33.2	SSW	16.7	33
16	29.97	32.1	S	14.3	35
17	29.96	31.8	S	17	37
18	29.96	28.8	S	5.8	44
19	29.97	25.9	SE	4.9	54
20	29.97	24.3	SSE	6.7	61
21	29.98	22.9	S	6.7	66
22	29.98	22.4	S	6	68
23	29.99	21.2	S	3.8	72
<u>Avg</u>	<u>30.004</u>	<u>25.450</u>		<u>7.688</u>	<u>60.750</u>

Weather Data for
12-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.99	20.4	S	4	78
1	29.98	20	S	6	79
2	29.98	19.8	S	5.8	81
3	29.98	19.3	SSE	3.1	83
4	29.97	19.1	S	6.7	84
5	29.97	19.3	S	9.6	85
6	29.95	20	SSE	4.2	80
7	29.95	20.4	S	6.4	80
8	29.94	21.2	S	5.3	73
9	29.94	25.2	SSW	6.7	62
10	29.94	26.7	SSW	9.1	57
11	29.92	29.8	SSW	10.2	49
12	29.89	32.5	S	11.4	39
13	29.88	32.5	SSW	8.5	39
14	29.85	32.2	SSW	11.1	42
15	29.82	31.6	SSW	9.8	42
16	29.8	30.9	SW	11.6	42
17	29.78	30.2	SSW	13.8	46
18	29.77	29.9	SW	9.3	46
19	29.77	27.6	SSW	11.4	53
20	29.76	25.1	S	12.9	62
21	29.77	23.8	SSW	7.1	67
22	29.77	24.1	SSW	11.4	66
23	29.74	23.5	SSW	10.9	68
<u>Avg</u>	<u>29.880</u>	<u>25.213</u>		<u>8.596</u>	<u>62.625</u>

Weather Data for
13-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.74	23.9	SW	15.8	66
1	29.75	23.1	SW	10.5	69
2	29.75	22.4	S	6.7	73
3	29.73	22.1	SW	7.3	74
4	29.73	22.4	SSW	6.2	73
5	29.73	21.5	SSW	7.3	74
6	29.72	20.6	S	5.5	78
7	29.74	21.2	SSW	3.8	79
8	29.72	22.5	SW	4.2	71
9	29.71	23.8	SW	11.4	66
10	29.7	27.7	SSW	10.7	54
11	29.72	30.1	WSW	10.9	48
12	29.72	27.6	WSW	8	58
13	29.68	26.6	SW	7.1	60
14	29.69	26.5	WSW	12.7	61
15	29.75	23.8	W	7.1	63
16	29.67	23.7	S	5.8	72
17	29.73	26.4	W	5.8	63
18	29.75	23.2	WNW	2.6	71
19	29.76	19.2	NNE	8	83
20	29.81	18	NNE	0	85
21	29.83	16.6	NNW	6	85
22	29.84	15.2	NNW	6	89
23	29.81	14.4	W	1.7	91
<u>Avg</u>	<u>29.741</u>	<u>22.604</u>		<u>7.129</u>	<u>71.083</u>

Weather Data for
14-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.84	13.5	NNE	6	96
1	29.86	12.7	NNW	3.8	92
2	29.86	11.8	NNW	5.8	96
3	29.87	11.4	NNW	2.9	96
4	29.9	10.5	N	0	96
5	29.91	8.8	N	0	96
6	29.93	7.4	N	0	96
7	29.96	9.2	NNW	1.7	96
8	29.96	13.5	NNW	1.5	89
9	29.98	18	NE	7.8	64
10	29.99	20.9	NNE	4	47
11	29.99	25.8	NE	1.3	34
12	29.99	25.1	NE	6	27
13	29.98	26.1	NE	3.1	27
14	29.98	27.7	N	4.2	23
15	29.97	28.1	WNW	5.1	21
16	29.97	26.2	NNE	6	25
17	29.97	25.6	NE	8	28
18	29.97	23.2	ENE	0	33
19	29.98	16.2	ENE	1.1	51
20	29.99	16.3	ESE	4.4	49
21	30.01	16.1	ESE	4.4	48
22	30.02	15.7	SE	3.3	50
23	30.02	15.1	SE	6.7	53
<u>Avg</u>	<u>29.954</u>	<u>17.704</u>		<u>3.629</u>	<u>59.708</u>

Weather Data for
15-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.04	14.5	SE	4.6	56
1	30.03	12.9	SE	3.8	53
2	30.03	13.4	SSE	4.2	64
3	30.01	13.8	SE	2.2	62
4	30.02	12.9	SE	3.1	62
5	30.02	13.4	ESE	4.4	62
6	30.05	9.4	S	0	79
7	30.06	12.2	ESE	5.8	73
8	30.06	13.7	ESE	6.2	66
9	30.06	15	ENE	0.6	67
10	30.08	16.1	E	2.9	67
11	30.09	19.4	SE	5.2	58
12	30.08	21.3	ESE	6.3	53
13	30.06	21.2	SE	3.3	50
14	30.04	20.7	SSE	6	46
15	30.01	21.2	SE	10.9	44
16	30.01	20.8	SE	8.2	43
17	30.02	20.4	E	3.8	43
18	30.03	18.2	ESE	4	48
19	30.03	15.3	ESE	2.2	56
20	30.04	12.4	ENE	0	67
21	30.06	12.1	SSE	0	74
22	30.07	11.4	SSE	2.6	84
23	30.07	10.3	SSW	0	88
<u>Avg</u>	<u>30.0445833</u>	<u>15.5</u>		<u>3.7625</u>	<u>61.0416667</u>

Weather Data for
16-Sep-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.07	9.5	SW	0	91
1	30.07	9.7	WNW	0	92
2	30.06	8.7	NW	0	96
3	30.06	7.8	NNE	1.7	96
4	30.06	6	NNE	0.4	93
5	30.08	5.6	NNE	0	96
6	30.08	5.1	W	0	96
7	30.11	6.7	N	0	96
8	30.12	12.5	NNW	0	91
9	30.13	18.2	NNE	0	69
10	30.14	23.1	NNW	3.8	41
11	30.12	25.8	NNE	0	29
12	30.11	28.4	SW	0.4	24
13	30.09	31.2	W	1.5	19
14	30.08	31.3	ENE	0	19
15	30.06	30.4	SSE	6	19
16	30.05	30.4	S	4.6	19
17	30.03	28.9	SE	4	23
18	30.03	25.7	SE	0	28
19	30.03	18.8	SE	3.5	49
20	30.03	17.5	SE	1.1	49
21	30.04	14.6	SE	2.2	60
22	30.04	12.1	SSW	0	76
23	30.04	12	SSE	2	77
<u>Avg</u>	<u>30.072</u>	<u>17.500</u>		<u>1.300</u>	<u>60.333</u>

Weather Data for
17-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.05	12.2	SSE	2.2	71
1	30.06	10.8	SSE	1.5	79
2	30.05	9.7	SSE	0.8	84
3	30.03	11.1	SSE	1.7	78
4	30.01	11.1	SSE	0	79
5	30.01	10.1	SSE	2.4	84
6	30.02	11.4	SSE	2.4	84
7	30.02	15.1	SSE	2	67
8	30.02	15.1	SSE	2	67
9	30.03	20.2	SW	4.4	55
10	30.04	24.1	SW	2.2	42
11	30.02	25.3	SSW	10.5	36
12	29.99	26.7	S	8.9	33
13	29.97	27.7	SW	1.1	28
14	29.94	29.1	WSW	5.3	25
15	29.91	28.8	SSW	10	27
16	29.89	27.9	SSW	12.3	28
17	29.88	24.9	S	12	33
18	29.87	23.8	SSW	7.8	38
19	29.87	21.8	SSE	3.5	43
20	29.87	19.2	SSW	3.3	55
21	29.89	18.4	SSW	7.8	60
22	29.9	17.3	SSW	5.8	63
23	29.92	18	SSE	6	64
<u>Avg</u>	<u>29.969</u>	<u>19.158</u>		<u>4.829</u>	<u>55.125</u>

Weather Data for
18-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.91	17.7	SE	5.5	66
1	29.91	16.9	SSE	5.3	90
2	29.9	17.2	SSE	6.9	73
3	29.89	17.6	SSE	5.8	73
4	29.88	17.5	SSE	6.4	75
5	29.89	17.3	SSE	4	77
6	29.92	17.2	SSE	3.8	78
7	29.92	17.3	SE	3.8	79
8	29.93	18.8	SE	6.4	75
9	29.94	22.1	SW	8.2	61
10	29.94	26.2	SSW	0	47
11	29.95	30.4	E	6	36
12	29.94	31.4	SSE	6.2	32
13	29.93	33.2	SSE	7.8	30
14	29.91	33.4	W	4.9	29
15	29.9	32.6	SW	6.4	30
16	29.89	31.2	SE	0	33
17	29.89	30.3	SE	2.9	38
18	29.89	28.4	ESE	2.6	43
19	29.89	24.4	SE	6	55
20	29.9	23.3	ESE	4.6	60
21	29.89	23.3	SE	6.4	62
22	29.91	22.1	SSE	3.5	66
23	29.89	21.6	SSE	9.3	70
<u>Avg</u>	<u>29.909</u>	<u>23.808</u>		<u>5.113</u>	<u>57.417</u>

Weather Data for
19-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.83	22.2	SE	4.2	71
1	29.83	22.1	S	9.3	74
2	29.76	22.1	SSE	14.5	76
3	29.78	22.2	SSW	12.3	81
4	29.79	22.2	SSW	11.4	82
5	29.8	21.8	WSW	0	85
6	29.82	21.9	S	5.3	86
7	29.85	21.5	SSW	5.1	87
8	29.85	23.5	WSW	5.1	79
9	29.87	26.7	WNW	8.2	61
10	29.87	29.1	W	5.8	50
11	29.88	30.9	NNW	4.4	40
12	29.88	30.7	NW	15.8	40
13	29.89	28.7	NW	4.4	46
14	29.9	31.1	N	2.9	39
15	29.9	31.5	NW	5.5	39
16	29.92	31.2	NNE	8.9	36
17	29.93	29.5	N	8.5	35
18	29.95	26.2	NNE	5.1	42
19	29.95	19.8	N	2.6	61
20	29.97	17.4	N	2.2	74
21	29.99	16.4	N	4.4	79
22	30.01	16.5	N	5.5	77
23	30.03	15.5	N	5.8	80
<u>Avg</u>	<u>29.885</u>	<u>24.196</u>		<u>6.550</u>	<u>63.333</u>

Weather Data for
20-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.03	13.4	N	0	86
1	30.05	12.4	N	0	89
2	30.05	12.2	NNE	0	91
3	30.05	11.2	NNE	0	93
4	30.05	10.7	NNE	0	96
5	30.06	10.5	NNE	0	96
6	30.08	11.1	SE	0	96
7	30.09	11.1	S	0	96
8	30.11	14.7	WSW	4.4	84
9	30.11	21.4	WSW	4.9	64
10	30.13	26	SW	10.9	42
11	30.12	29.2	W	5.5	32
12	30.1	31.2	SW	8.9	27
13	30.08	32.4	WSW	4	24
14	30.05	33.9	SW	6.2	20
15	30.03	33.7	WSW	7.8	19
16	30.01	33.6	WSW	7.3	19
17	29.99	32.3	SW	4	19
18	29.99	29.4	SSW	8.9	25
19	29.99	23.7	SSW	6.4	36
20	30	22.2	S	6.2	41
21	30.01	20.7	SSW	4	51
22	30.01	20.4	SSW	8.2	57
23	30.01	19.5	SSW	5.8	63
<u>Avg</u>	<u>30.050</u>	<u>21.538</u>		<u>4.308</u>	<u>56.917</u>

Weather Data for
21-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30	18.1	SW	4.2	72
1	30	18.4	SSW	5.8	73
2	29.99	17.8	SSW	6.7	75
3	29.99	17.5	SW	5.5	75
4	29.98	16.8	SSW	5.5	77
5	29.98	16	SW	2.9	81
6	29.97	16	SW	2.9	85
7	29.98	16.3	SW	3.8	85
8	29.97	19.1	SSW	5.5	74
9	29.97	24	SW	8.5	51
10	29.96	28.5	SW	15.2	32
11	29.94	31.1	SSW	10.2	24
12	29.91	32.7	SW	12.9	22
13	29.88	33.7	SSE	9.3	20
14	29.85	33.7	SW	14.5	20
15	29.82	33.5	S	14	19
16	29.8	31.2	SSW	10.2	25
17	29.77	31	SSW	15.4	28
18	29.76	29.1	SSW	14	36
19	29.75	26.7	S	9.3	46
20	29.75	24.9	SSW	6.2	54
21	29.74	24.2	S	6.7	57
22	29.74	23.8	SSW	9.6	58
23	29.72	23.5	SSW	6.2	63
<u>Avg</u>	<u>29.884</u>	<u>24.483</u>		<u>8.542</u>	<u>52.167</u>

Weather Data for
22-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.7	23.1	SSW	8.7	70
1	29.67	22.4	SSW	11.4	78
2	29.67	22.8	SW	11.8	81
3	29.66	22.7	SW	7.3	82
4	29.67	22.9	WSW	6.2	79
5	29.68	22.5	WSW	4.4	79
6	29.7	22.2	WNW	4.9	83
7	29.72	22.1	NW	4.4	84
8	29.73	24.6	NE	5.3	71
9	29.77	24.2	NNE	6.4	63
10	29.82	21.6	NNE	9.3	73
11	29.82	25.7	NNE	8.7	55
12	29.83	26.1	NE	12.7	54
13	29.85	27.4	NNW	5.1	49
14	29.85	26	ENE	5.5	50
15	29.88	24.7	NNW	6.4	54
16	29.9	20.3	NNE	14.3	67
17	29.91	19.5	NE	8.2	70
18	29.93	19.5	NE	11.4	67
19	29.96	17.2	NE	4.9	73
20	29.98	16.4	NE	1.7	76
21	29.99	14.9	NE	6.2	76
22	30.01	13.7	NE	4.4	78
23	30.03	12.3	NE	3.3	81
<u>Avg</u>	<u>29.822</u>	<u>21.450</u>		<u>7.204</u>	<u>70.542</u>

Weather Data for
23-Sep-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.03	11.7	NE	3.3	81
1	30.04	11	NE	6.4	85
2	30.05	10.9	NE	5.8	85
3	30.06	10.3	NNE	4.9	85
4	30.06	10.5	NE	2.4	84
5	30.07	10.5	ENE	4	83
6	30.09	10.7	ENE	4	82
7	30.11	11.1	ENE	6	81
8	30.13	11.7	ENE	8.7	80
9	30.12	17	ESE	13.8	58
10	30.11	19.6	ESE	6.7	51
11	30.11	22.2	SE	15.2	39
12	30.09	23.5	SE	11.6	37
13	30.07	26.5	E	4.4	32
14	30.05	26.7	SE	6.9	31
15	30.05	24.1	SSE	5.8	36
16	30.03	24.7	ESE	7.6	33
17	30.02	23.6	SSE	10	38
18	30.03	21.3	SSE	8	41
19	30.02	18.2	ESE	5.1	53
20	30.03	16.5	SE	1.3	61
21	30.03	17.4	SSE	0.6	61
22	30.03	17.4	SSE	8.9	58
23	30.03	17.5	SE	4.4	56
<u>Avg</u>	<u>30.061</u>	<u>17.275</u>		<u>6.492</u>	<u>59.625</u>

Weather Data for
24-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.03	17.3	SSE	4.6	54
1	30.03	17	SE	2.9	52
2	30.01	16.7	SE	6.4	54
3	30	16.5	SSE	7.1	65
4	30	16.4	SSE	3.3	72
5	29.98	15.9	SE	4	74
6	29.96	15.9	SE	4.4	76
7	29.96	16.3	SSE	8.2	77
8	29.96	15.9	SSE	1.3	81
9	29.99	15.1	SSW	6	93
10	29.95	15.8	SSW	7.1	96
11	29.96	17	SE	6	96
12	29.95	17.1	E	5.1	96
13	29.98	16.9	NNE	2.9	96
14	29.95	17.5	ENE	2.4	96
15	29.91	19.5	E	5.8	89
16	29.89	22.4	SE	2.9	78
17	29.9	22.1	SSE	5.3	79
18	29.9	21.5	ESE	3.5	81
19	29.9	20	SE	5.1	88
20	29.89	18.9	SE	5.8	96
21	29.88	19.1	SE	10.7	96
22	29.86	19.2	SE	6.2	96
23	29.87	19	ESE	4.9	96
<u>Avg</u>	<u>29.946</u>	<u>17.875</u>		<u>5.079</u>	<u>82.375</u>

Weather Data for
25-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.87	18.4	E	4.8	96
1	29.85	19.1	SSE	7.3	96
2	29.84	19.4	SSW	4.9	96
3	29.83	19.2	SSE	6.4	96
4	29.82	19.2	SE	5.3	96
5	29.82	19.4	S	5.5	96
6	29.84	19	SSW	2.4	96
7	29.83	18.3	S	8.4	96
8	29.85	18.6	NE	10.5	96
9	29.87	16.8	E	3.8	96
10	29.84	18.3	ESE	0	96
11	29.85	18.8	NE	2.2	88
12	29.83	20.1	ESE	0.6	86
13	29.81	22.8	E	2.4	73
14	29.77	22.7	ENE	1.3	70
15	29.8	21.4	N	3.3	73
16	29.75	19.4	NNW	6	91
17	29.75	21.3	ENE	0.8	82
18	29.75	18.2	NE	5.8	88
19	29.77	17.4	NE	0	96
20	29.76	17.1	NE	4.9	96
21	29.79	17.2	NNE	6.4	96
22	29.79	17.1	NE	4.9	96
23	29.8	16.7	NE	6.2	96
<u>Avg</u>	<u>29.812</u>	<u>18.996</u>		<u>4.338</u>	<u>91.125</u>

Weather Data for
26-Sep-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.8	16.2	N	8.9	96
1	29.82	16.1	N	0	96
2	29.83	14.6	N	0	96
3	29.84	15.7	NNW	6	96
4	29.84	15.8	NNW	5.1	96
5	29.86	14.7	NE	3.5	96
6	29.9	14	N	4.9	96
7	29.93	13.5	NW	7.3	96
8	29.94	14.1	NNE	8.2	96
9	29.96	16.3	NNE	10.5	80
10	29.99	19.9	ENE	3.5	58
11	30.01	18.8	NNE	2.6	59
12	30.02	20.3	NNE	6.9	51
13	30.01	23.1	NNE	8.7	42
14	30.01	25.1	NW	9.1	32
15	30.01	25.4	NNW	8.9	30
16	30	25.8	NNW	7.3	29
17	30	24.4	NW	4.2	32
18	30.01	20.8	NNW	5.1	39
19	30.02	13.5	NW	0	62
20	30.04	12.2	NNW	0	66
21	30.04	12.8	NNE	3.8	63
22	30.06	9.7	WSW	0	78
23	30.04	9.1	WSW	0	85
<u>Avg</u>	<u>29.958</u>	<u>17.163</u>		<u>4.771</u>	<u>69.583</u>

Weather Data for
27-Sep-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.05	8.3	WSW	0	87
1	30.05	7.8	WSW	0	91
2	30.05	6.8	WSW	0	91
3	30.05	6.7	WSW	0	92
4	30.04	6.8	WSW	0	96
5	30.04	6.3	WSW	0	96
6	30.05	5.7	WSW	0	96
7	30.06	5.7	WSW	0	96
8	30.06	11.8	SW	2.2	89
9	30.06	17.1	WSW	1.7	70
10	30.03	20.8	SW	6.2	50
11	30.02	22.7	SW	10	41
12	30	24.1	SW	11.1	41
13	29.96	24.8	SW	11.6	40
14	29.93	26.4	SW	10.9	37
15	29.9	26.6	SW	11.4	35
16	29.87	26.2	SW	9.8	35
17	29.86	25.5	SSW	9.1	37
18	29.85	22.7	SW	6.7	47
19	29.85	19.2	SSW	8.5	61
20	29.85	17.1	SSW	7.6	72
21	29.86	15.2	SSW	5.1	80
22	29.86	14.4	SW	6.7	87
23	29.84	14.2	SSW	7.1	89
<u>Avg</u>	<u>29.966</u>	<u>15.954</u>		<u>5.238</u>	<u>69.000</u>

Weather Data for
28-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.82	14.6	SSW	6	90
1	29.81	14.5	SW	9.8	91
2	29.8	14.5	SSW	6	90
3	29.78	14.5	SSW	6.4	96
4	29.77	14.2	SW	6.7	91
5	29.76	13.8	S	7.8	96
6	29.76	14.5	S	7.3	93
7	29.79	14.2	NW	0	96
8	29.76	14.5	S	6.2	93
9	29.77	14.7	SW	4.9	94
10	29.77	14.5	NW	0.6	96
11	29.77	13.5	N	6.4	96
12	29.81	12.5	NNW	8.7	96
13	29.82	11.8	NNW	9	96
14	29.85	12.2	NNE	12	85
15	29.87	15.2	NNW	3	65
16	29.91	12.9	NW	24	73
17	29.93	12.7	N	10	59
18	29.95	12.1	NW	7	61
19	29.98	8.8	NNW	7	73
20	30.01	8.7	NW	9	67
21	30.03	5.7	NW	4	68
22	30.06	5.7	N	2	76
23	30.08	4.1	NNW	5	82
<u>Avg</u>	<u>29.861</u>	<u>12.267</u>		<u>7.033</u>	<u>84.292</u>

Weather Data for
29-Sep-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.11	2.5	NW	3	85
1	30.11	1.8	WNW	4	88
2	30.13	0.9	NW	5	90
3	30.14	1.2	NW	7	92
4	30.14	1.1	WNW	2	93
5	30.16	0.5	WNW	0	93
6	30.16	-0.7	WNW	0	91
7	30.18	-1.2	WNW	0	91
8	30.18	3.9	WNW	2	91
9	30.18	10.7	SW	1	79
10	30.18	14.7	SW	2	43
11	30.17	17.1	SSE	5	34
12	30.13	19.3	S	9	30
13	30.11	20.2	SSE	6	26
14	30.06	21.2	SSE	8	22
15	30.03	20.8	S	10	19
16	30	20.1	SSE	10	25
17	29.97	19.2	S	8	25
18	29.95	15.5	SSE	8	33
19	29.93	11.9	SSE	8	46
20	29.94	9.6	SSE	5	56
21	29.94	8.5	S	3	64
22	29.93	8.5	S	4	67
23	29.93	8.1	SSW	5	70
<u>Avg</u>	<u>30.073</u>	<u>9.808</u>		<u>4.792</u>	<u>60.542</u>

Weather Data for
30-Sep-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.92	8.1	SSW	4	70
1	29.92	6.6	S	6	75
2	29.92	6.5	SSW	5	78
3	29.9	6.1	SSW	8	82
4	29.89	5.9	SSW	4.6	82
5	29.89	5.4	SSW	7.6	86
6	29.89	5.4	SSW	5.5	85
7	29.88	5.5	SSW	6.9	86
8	29.89	10.1	WSW	9.3	69
9	29.89	14.1	SW	9.6	52
10	29.9	17.8	SSE	4	42
11	29.87	21.1	WSW	11.1	34
12	29.85	23.3	SW	13.6	30
13	29.83	24.7	SSE	11.6	26
14	29.81	26.2	WSW	7.6	24
15	29.8	25.8	SW	13.8	24
16	29.78	25.6	SW	13.4	22
17	29.77	24.2	SSW	20.8	25
18	29.78	21.1	SSW	10	34
19	29.8	16.3	S	6	47
20	29.82	14.5	SSW	7.6	56
21	29.83	14.2	S	6.4	61
22	29.84	13.4	SSW	7.8	66
23	29.84	13.2	SSW	7.1	71
<u>Avg</u>	<u>29.855</u>	<u>14.796</u>		<u>8.638</u>	<u>55.292</u>

Weather Data for
1-Oct-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.85	13.4	SW	6.4	75
1	29.85	12.8	SW	5.5	76
2	29.86	12.1	SSW	4.6	81
3	29.86	11.5	S	5.1	85
4	29.88	11.7	S	9.3	86
5	29.89	11.7	SSW	6	85
6	29.91	11.4	SSW	6.4	88
7	29.92	11.6	SSW	9.1	88
8	29.93	14.4	SW	8.7	79
9	29.95	18.7	SW	6.9	64
10	29.94	22.2	SW	8.2	52
11	29.94	25.4	SSW	7.1	45
12	29.94	29.4	SSW	6.9	37
13	29.93	29.7	WSW	5.8	37
14	29.9	30.5	SSW	11.6	35
15	29.9	30.8	S	14.9	34
16	29.9	28.7	S	13.1	38
17	29.89	28.5	S	7.3	38
18	29.91	24.4	S	5.8	48
19	29.92	21.6	S	5.8	59
20	29.94	20.8	SSE	6.2	62
21	29.95	20.5	S	6	63
22	29.93	20.8	SSE	8.5	61
23	29.95	20.2	S	7.1	65
<u>Avg</u>	<u>29.910</u>	<u>20.117</u>		<u>7.596</u>	<u>61.708</u>

Weather Data for
2-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.95	18.8	S	5.8	72
1	29.94	17.7	SSE	11.1	77
2	29.93	17.5	S	9.6	77
3	29.93	17.5	SSE	7.8	74
4	29.93	17.4	SE	10.5	73
5	29.91	17.3	S	12	73
6	29.92	16.4	SE	8.5	73
7	29.93	15.8	S	14.5	78
8	29.92	16.8	SSW	13.6	77
9	29.93	18.9	S	12.7	77
10	29.94	20.8	SSW	8.5	72
11	29.93	23.4	S	17.6	66
12	29.91	23.7	S	15.8	62
13	29.9	26.1	SW	20.3	54
14	29.88	28.9	SW	17.4	48
15	29.88	24.9	SW	8.5	62
16	29.88	25.1	SSW	19.4	59
17	29.88	24	SSE	18.1	63
18	29.88	23.6	SSW	18.5	66
19	29.88	23.4	SW	8	74
20	29.88	22.8	SSW	11.4	79
21	29.9	22.7	SW	10.7	81
22	29.9	22.9	SW	7.6	81
23	29.92	23.1	SW	7.8	80
<u>Avg</u>	<u>29.910</u>	<u>21.229</u>		<u>12.321</u>	<u>70.750</u>

Weather Data for
3-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.92	22.2	SSW	9.8	84
1	29.93	22.4	SSW	15.2	85
2	29.93	22.2	SSW	10	85
3	29.93	21.9	SSW	10.9	86
4	29.93	21.6	SSW	5.5	86
5	29.94	21.4	SSW	8.9	87
6	29.94	21.1	S	7.6	88
7	29.96	21	SSW	5.3	90
8	29.96	22.3	SSW	7.6	84
9	29.97	23.3	SW	11.4	78
10	29.97	26.1	WSW	8.9	68
11	29.96	27.5	SSW	21	64
12	29.95	30.4	SW	7.1	53
13	29.94	32.1	SW	8.7	46
14	29.92	33.3	SW	15.6	43
15	29.92	32.5	SW	20.3	43
16	29.91	30.5	SSW	19.4	50
17	29.93	28.2	S	12.9	60
18	29.92	28.1	SSW	16.3	60
19	29.93	25.8	SSW	8	68
20	29.95	24.9	S	12.5	73
21	29.97	24.2	S	15.6	76
22	29.98	23.5	SW	12	75
23	29.99	22.4	WSW	9.8	79
<u>Avg</u>	<u>29.944</u>	<u>25.371</u>		<u>11.679</u>	<u>71.292</u>

Weather Data for
4-Oct-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.99	22	SSW	9.3	85
1	29.99	21.9	SW	6.9	88
2	29.99	22.8	SW	9.6	84
3	29.98	22.5	SW	8	84
4	29.98	22.4	SW	7.1	87
5	29.98	21.7	SW	8.7	88
6	29.98	21.5	SSW	10	90
7	29.99	21.1	SSW	10.2	92
8	29.99	22.1	SSW	6.9	88
9	29.98	25.2	SW	8.2	71
10	29.98	28.3	WSW	11.1	59
11	29.97	30.8	S	12.5	49
12	29.95	31.5	SW	11.4	45
13	29.93	32.7	SSW	17.8	41
14	29.91	32.7	WSW	19.4	39
15	29.89	31.7	SW	15.2	42
16	29.88	30.8	SSW	13.8	46
17	29.86	30.5	SSW	15.4	44
18	29.85	27.3	S	18.7	55
19	29.86	25.4	SSW	12	63
20	29.85	24.4	SSW	10.7	67
21	29.88	23.9	SW	6.7	69
22	29.88	23.4	SSW	14.3	73
23	29.87	22.7	SSW	7.8	76
<u>Avg</u>	<u>29.9338</u>	<u>25.8042</u>		<u>11.3208</u>	<u>67.7083</u>

Weather Data for
5-Oct-05

81.8 mph burst @9:11

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.87	21.8	SSW	13.6	81
1	29.87	21.4	SW	6.2	83
2	29.87	21.4	SSW	11.1	84
3	29.87	21.2	SSW	10	85
4	29.87	20.8	SSW	8.7	86
5	29.87	20.4	S	8.2	89
6	29.87	20.2	SSW	11.6	89
7	29.87	20.1	SSW	13.8	89
8	29.86	21.3	S	16.1	80
9	29.86	22.5	SW	13.1	74
10	29.86	24.1	WSW	11.8	85
11	29.86	26	W	14	59
12	29.88	23.6	W	10	68
13	29.88	18.1	NNW	10	96
14	29.91	14.2	NW	5.1	96
15	29.91	13.1	WNW	4.6	96
16	29.94	12.7	NNW	4.6	92
17	29.98	11	NNW	4	96
18	29.97	10.9	NNW	4.6	96
19	29.99	10.2	NW	6.4	96
20	30.01	10.2	WNW	9.1	96
21	30.04	8.3	WNW	9.8	82
22	30.06	6.5	WNW	3.3	88
23	30.06	5.5	WNW	3.8	87
<u>Avg</u>	<u>29.918</u>	<u>16.896</u>		<u>8.896</u>	<u>86.375</u>

Weather Data for
6-Oct-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.07	4.7	NW	11.8	85
1	30.08	3.9	WNW	5.1	84
2	30.08	3.1	WNW	6	84
3	30.08	2.8	W	9.8	82
4	30.09	2.5	WNW	9.1	81
5	30.09	1.5	NW	6	83
6	30.09	3.1	WNW	8.9	76
7	30.09	3.5	NW	10.2	72
8	30.11	4.4	NW	8.5	69
9	30.12	5.6	NW	2	66
10	30.14	7.1	WNW	7.6	59
11	30.15	8.1	NW	11.4	58
12	30.17	10.5	NNE	6	50
13	30.16	10.7	NW	13.6	45
14	30.15	11.8	WNW	8.2	43
15	30.14	11.7	NNE	11.4	40
16	30.14	11.1	NNW	7.8	40
17	30.14	11.4	NNW	5.5	44
18	30.16	5.7	N	1.1	59
19	30.17	4.9	NNE	5.3	61
20	30.16	4.6	N	6.7	63
21	30.18	4	N	4.2	64
22	30.19	3.7	NE	8.5	65
23	30.19	3.4	N	7.6	68
<u>Avg</u>	<u>30.131</u>	<u>5.992</u>		<u>7.596</u>	<u>64.208</u>

Weather Data for
7-Oct-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.19	3.1	N	3.8	70
1	30.19	2.7	NNW	6.2	72
2	30.19	1.9	NNW	0	77
3	30.18	2.6	N	2.4	77
4	30.18	2.7	N	0	78
5	30.18	2.8	NNE	2.9	80
6	30.19	3.1	NNE	4.9	81
7	30.19	3.3	N	0	81
8	30.19	4.8	NNE	13.6	78
9	30.19	6.7	NNE	9.3	70
10	30.19	8.8	NE	12	62
11	30.18	7.5	NE	5.1	60
12	30.16	8.7	NNE	11.4	58
13	30.15	7.8	ENE	2.4	59
14	30.14	8.4	NE	9.3	55
15	30.12	8.5	ENE	2	54
16	30.12	8.5	NE	5.1	53
17	30.12	7.8	ENE	2.6	55
18	30.11	6.6	NE	5.1	58
19	30.11	5.9	ESE	2.2	63
20	30.11	5.3	SE	3	66
21	30.11	0.8	ENE	0	78
22	30.12	0.2	ENE	0	85
23	30.12	0.2	ENE	0	88
<u>Avg</u>	<u>30.155</u>	<u>4.946</u>		<u>4.304</u>	<u>69.083</u>

Weather Data for
8-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.11	0.4	ENE	0	88
1	30.1	1.4	ENE	0	84
2	30.1	-0.01	ENE	0	85
3	30.1	0.01	ENE	0	89
4	30.1	-0.03	ENE	0	88
5	30.1	-0.04	ENE	4	89
6	30.11	0.1	ENE	3.1	91
7	30.12	0.4	E	4	92
8	30.12	4.4	ESE	4	77
9	30.13	9.1	E	2.9	62
10	30.12	12.1	ESE	8.5	50
11	30.11	14.9	ESE	2.2	42
12	30.08	19.3	SE	6.9	32
13	30.05	20.2	SE	5.1	31
14	30.03	19.4	ENE	6.4	30
15	30.01	19.5	SSE	2	32
16	30	18.1	ESE	3.5	32
17	29.99	15.8	SE	6	37
18	29.99	11.3	ESE	2.4	52
19	29.99	8.2	E	3.3	65
20	30	7.8	ESE	6.7	68
21	30	6.4	ESE	9.1	75
22	30	5.6	E	7.3	80
23	30	5.4	SE	5.3	82
<u>Avg</u>	<u>30.061</u>	<u>8.322</u>		<u>3.863</u>	<u>64.708</u>

Weather Data for
9-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30	4.5	ESE	7.8	85
1	30.01	4.5	SE	6.7	86
2	30.01	3.8	SE	6.4	88
3	30.02	3.1	ESE	4.6	91
4	30.02	2.5	ESE	2.4	92
5	30.03	1.8	SSE	5.8	94
6	30.04	1.2	E	4.2	96
7	30.05	1.3	E	5.8	96
8	30.06	4.7	SE	5.1	83
9	30.06	10	SE	5.3	63
10	30.04	12.7	E	7.1	53
11	30.03	10.7	ESE	9.6	59
12	30.02	11.7	ESE	11.4	55
13	29.99	12	SE	5.5	56
14	29.99	13.2	SSE	5.8	51
15	29.98	18.2	SE	6.2	38
16	29.96	16.6	E	6.9	41
17	29.96	14.9	ESE	6.4	48
18	29.97	10.8	ESE	5.1	64
19	29.99	7.8	SE	0	76
20	30	7.1	ESE	2.2	80
21	30.02	3.9	SE	0	88
22	30.02	5.4	NE	2.4	91
23	30.03	4.9	ENE	3.1	92
<u>Avg</u>	<u>30.013</u>	<u>7.804</u>		<u>5.242</u>	<u>73.583</u>

Weather Data for
10-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.02	5	ENE	2.6	92
1	30.03	5.2	NE	1.7	92
2	30.03	4.2	ENE	3.8	93
3	30.03	3	ENE	0	93
4	30.03	4.5	ESE	5.5	96
5	30.04	3.2	ENE	2.6	96
6	30.06	3.2	E	3.8	96
7	30.07	2.6	ENE	0	96
8	30.08	7.5	ENE	5.8	91
9	30.09	11.8	NE	4.4	68
10	30.1	16.4	NE	6.9	51
11	30.09	19.5	NE	5.3	40
12	30.07	20	ENE	7.6	39
13	30.05	20.9	NE	9.3	34
14	30.03	22.8	NE	4.2	28
15	30.04	22.2	ESE	10.7	29
16	30.03	22.4	E	5.1	30
17	30.03	20.1	E	4.2	38
18	30.04	13.8	E	2.2	56
19	30.04	11.9	ENE	6.4	66
20	30.06	10.5	ENE	2.9	73
21	30.06	9.4	ENE	4.2	80
22	30.07	8.3	ENE	3.5	85
23	30.08	9.4	E	5.5	83
<u>Avg</u>	<u>30.0529167</u>	<u>11.575</u>		<u>4.508333333</u>	<u>68.5416667</u>

Weather Data for
11-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.08	7.7	ESE	0	88
1	30.08	6.8	E	2.6	90
2	30.08	5.6	E	0.6	93
3	30.07	5.3	ESE	4	96
4	30.06	5.1	E	5.1	96
5	30.07	4.4	E	4.9	96
6	30.08	4.2	ESE	4.4	96
7	30.08	4.3	E	6.7	96
8	30.08	7.2	ESE	6.4	92
9	30.1	11.9	ESE	4.4	70
10	30.09	16.3	ESE	3.1	54
11	30.07	18.9	ESE	6.7	47
12	30.06	22.9	SE	7.3	38
13	30.04	19.7	SE	2.9	47
14	30.03	19.3	SE	8.2	47
15	30.02	19.9	S	6.7	48
16	30.01	20.8	SSE	5.8	44
17	30.01	17.5	SE	1.5	57
18	30.01	14.8	SSE	5.8	73
19	30.01	14.5	SE	6.4	76
20	30.03	13.8	SE	2.6	79
21	30.03	13.4	SE	2.2	83
22	30.04	13.1	SSE	5.5	85
23	30.04	13.1	SE	5.1	86
<u>Avg</u>	<u>30.053</u>	<u>12.521</u>		<u>4.538</u>	<u>74.042</u>

Weather Data for
12-Oct-05

Hour	Pressure [inches Hg]	Temperature °C	Wind Direction	Wind Speed [mph]	% Relative Humidity
0	30.02	12.8	SE	6	87
1	30.01	12.8	ESE	4.2	88
2	30.01	11.7	ESE	4.9	91
3	30.01	12.5	SE	3.5	91
4	30.01	12.6	SE	3.5	91
5	30.01	12.5	SE	4.6	91
6	30.01	12.4	SE	4.4	92
7	30.01	12.2	SSE	2.4	93
8	30.02	12.8	SE	1.7	91
9	30.01	14.3	SE	6.2	82
10	30.02	15.1	SSW	6.7	78
11	30.01	17.1	S	4.2	68
12	30.01	15.3	SW	3.3	77
13	29.99	19.5	WNW	0	62
14	29.97	19.9	SSW	8.7	56
15	29.95	22.6	S	8.5	48
16	29.96	19.1	SSE	3.8	58
17	29.96	18	SSE	2	62
18	29.96	15.7	ESE	3.5	70
19	29.97	15.8	SE	2.9	71
20	29.98	15.5	SSE	2.6	73
21	29.98	13.5	SW	0	88
22	29.97	13.4	S	2.4	90
23	29.96	13.5	SSE	0	91
<u>Avg</u>	<u>29.992</u>	<u>15.025</u>		<u>3.750</u>	<u>78.708</u>

Weather Data for
13-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.96	12.4	SE	1.5	96
1	29.97	11.8	WSW	0	96
2	29.97	12.2	SW	0	96
3	29.96	12.1	WSW	0	96
4	29.97	11.4	W	0	96
5	29.97	11.7	WNW	4.6	96
6	29.98	12	WNW	0	96
7	29.99	11.9	WNW	0.8	96
8	30.01	11.8	NW	4.6	96
9	30.01	12.2	NW	2.6	96
10	30.01	15.9	NW	2.9	96
11	30.02	19.5	WNW	2.4	57
12	30.01	22.9	NNW	6.2	45
13	29.99	24.7	WNW	5.1	36
14	29.97	26.8	W	6.4	32
15	29.97	27.2	W	6.4	31
16	29.96	23.1	WNW	6.2	35
17	29.97	19.4	WSW	5.8	49
18	29.96	16.1	S	5.1	65
19	29.96	15.8	S	6.9	67
20	29.97	14.8	S	3.3	71
21	29.98	13.9	S	5.8	74
22	29.99	13.4	S	5.8	78
23	30	11.4	SSW	1.3	86
<u>Avg</u>	<u>29.981</u>	<u>16.017</u>		<u>3.488</u>	<u>74.250</u>

Weather Data for
14-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.99	9.4	WNW	0	96
1	29.98	9.4	S	2.9	96
2	29.98	9.3	SSW	1.5	96
3	29.99	7.7	SSW	0	96
4	29.98	7.8	S	0	96
5	29.98	7.8	S	0	96
6	29.99	7.7	SSE	0	96
7	29.99	6.8	S	4.4	96
8	29.99	11.2	SSW	4.2	96
9	29.98	16.5	SSW	5.8	60
10	29.98	21.8	WSW	9.8	40
11	29.86	24	W	9.3	36
12	29.97	26.9	NW	9.6	29
13	29.95	29.7	NW	6.4	25
14	29.93	31.8	WNW	9.8	19
15	29.93	31.4	W	11.1	19
16	29.92	30.6	W	8.2	19
17	29.93	27.9	NNW	9.3	19
18	29.96	20.1	N	6.2	36
19	29.99	16.2	NNW	6.4	46
20	30	13.5	NNE	4.9	56
21	30.02	11.6	NNE	3.3	65
22	30.03	10.9	NNE	4.9	58
23	30.05	9	NNW	6	64
<u>Avg</u>	<u>29.974</u>	<u>16.625</u>		<u>5.167</u>	<u>60.625</u>

Weather Data for
15-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.05	8.2	N	3.8	69
1	30.05	7.1	N	6.4	73
2	30.05	5.1	N	2.9	80
3	30.06	4.2	N	3.3	86
4	30.06	2.8	NW	0	88
5	30.08	2.8	NW	0	91
6	30.09	2.1	NW	0	90
7	30.11	2.4	N	2.6	91
8	30.12	8.6	NNE	0	77
9	30.13	14.5	N	0	50
10	30.13	20.2	NNW	6.7	33
11	30.11	23.5	N	6.2	21
12	30.1	26.1	NW	10.5	19
13	30.07	27.7	NW	8.5	19
14	30.05	28.4	WNW	3.5	19
15	30.04	25.8	N	8.7	19
16	30.03	24.4	NW	5.8	19
17	30.03	22.1	NNW	6.2	19
18	30.03	14.1	N	2	24
19	30.04	9.7	N	0	38
20	30.04	8.7	N	1.7	42
21	30.06	8.1	N	1.7	45
22	30.07	7	NNE	3.8	50
23	30.08	6.5	NNE	0	52
<u>Avg</u>	<u>30.070</u>	<u>12.921</u>		<u>3.513</u>	<u>50.583</u>

Weather Data for
16-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.08	6.5	NE	2.6	57
1	30.08	3.6	NE	0	63
2	30.08	1.5	NE	0	71
3	30.09	1.5	NE	0	76
4	30.09	0.8	NE	0	77
5	30.1	0.3	NE	0	79
6	30.11	0.1	NE	0	82
7	30.11	1.1	ENE	0	85
8	30.13	4.4	ENE	0	84
9	30.14	13.1	SE	1.7	52
10	30.14	15	S	10	42
11	30.13	19.2	SSW	9.3	31
12	30.1	20.4	S	8.7	25
13	30.08	22.2	S	10.7	19
14	30.03	23.1	SSW	10.5	19
15	30.02	20.1	SSW	5.5	19
16	29.99	19.8	S	10.7	24
17	29.98	20.6	SSE	6	22
18	29.96	16.3	SSE	5.5	32
19	29.96	15.7	SE	4.6	35
20	29.94	14.4	S	6.4	39
21	29.94	14.2	SSE	9.1	42
22	29.93	13.4	S	3.5	47
23	29.91	13.4	SSW	6.7	49
<u>Avg</u>	<u>30.047</u>	<u>11.696</u>		<u>4.646</u>	<u>48.792</u>

Weather Data for
17-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.9	12.5	SSW	6.7	52
1	29.88	13.3	SW	2.6	51
2	29.86	12	S	5.8	63
3	29.82	12.7	S	10.7	64
4	29.8	12.8	S	7.1	68
5	29.79	12.5	SSW	10.2	74
6	29.74	12.4	S	7.1	88
7	29.74	12.2	SSW	6.9	87
8	29.74	13.2	SW	6.2	84
9	29.75	17.4	WSW	7.8	67
10	29.75	20.5	WNW	14.9	58
11	29.76	23.8	NNW	9.3	45
12	29.76	27.2	NW	5.3	33
13	29.74	28.2	NNW	5.3	24
14	29.75	28.4	NW	9.8	19
15	29.75	27.4	NE	7.1	19
16	29.76	25.5	N	8	19
17	29.77	23.1	N	2.4	23
18	29.79	15.8	N	0	35
19	29.8	12.5	N	1.5	49
20	29.8	10.9	NNE	0.6	55
21	29.82	9.4	N	0	63
22	29.82	9.2	NW	0	69
23	29.83	7.6	NW	0	70
<u>Avg</u>	<u>29.788</u>	<u>16.688</u>		<u>5.638</u>	<u>53.292</u>

Weather Data for
18-Oct-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.84	7.8	WNW	1.7	71
1	29.84	7.8	WNW	0	73
2	29.85	8.2	SW	2	75
3	29.84	6.8	SW	0	75
4	29.84	6.1	SW	0	78
5	29.85	3.8	SW	0	82
6	29.85	3.7	SSE	0	88
7	29.85	4.6	SSE	2.2	90
8	29.85	9.3	S	4.9	84
9	29.86	14.5	S	5.1	56
10	29.87	19.8	SW	4.6	40
11	29.85	24.1	SW	6.7	27
12	29.82	26.1	W	9.6	25
13	29.78	26.7	SSW	10.7	23
14	29.75	27.1	SW	21	21
15	29.72	27.9	SW	14.5	19
16	29.7	27.3	SSW	16.3	20
17	29.69	25.3	SSW	11.4	23
18	29.67	21.9	SSW	8.9	32
19	29.67	19.9	SSW	14.9	40
20	29.67	19.1	SW	7.8	43
21	29.67	18.2	WSW	6.2	48
22	29.67	17.9	WSW	7.1	50
23	29.67	17	SW	8.9	55
<u>Avg</u>	<u>23.201</u>	<u>16.288</u>		<u>6.854</u>	<u>51.583</u>

Weather Data for
19-Oct-05

Hour	Pressure [inches Hg]	Temperature °C	Wind Direction	Wind Speed [mph]	% Relative Humidity
0	29.72	17.4	NW	6.9	57
1	29.76	14.5	NW	6.9	60
2	29.8	11.5	NNE	9.6	70
3	29.82	10.4	N	3.5	77
4	29.86	8.8	NNW	4.2	82
5	29.89	8.2	N	23.2	75
6	29.9	6.6	NE	5.5	79
7	29.93	6	NNE	6.7	81
8	29.96	5.7	NNE	2.6	81
9	29.97	8.6	NE	6.4	72
10	29.98	12.5	NNE	6.7	51
11	29.99	15.5	ENE	11.4	45
12	29.98	18.4	ENE	6.4	36
13	29.97	20.4	NNE	7.1	32
14	29.95	20.8	ENE	5.1	28
15	29.94	21.5	NE	4.2	26
16	29.94	15.9	ENE	3.3	34
17	29.95	13.8	NE	3.3	40
18	29.95	11.8	ENE	6.9	47
19	29.98	10.7	ENE	1.7	51
20	29.97	10.1	ENE	1.3	56
21	29.96	9.6	ENE	2.9	58
22	29.95	9.1	NE	6	60
23	29.94	8.2	ENE	6.4	63
<u>Avg</u>	<u>29.919</u>	<u>12.333</u>		<u>6.175</u>	<u>56.708</u>

Weather Data for
20-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.94	7.1	ENE	4.2	66
1	29.93	6.4	ENE	5.3	69
2	29.93	3.2	NE	4.4	75
3	29.95	4.6	ENE	6.2	78
4	29.92	4.1	NE	6	76
5	29.94	4.3	NE	4.6	76
6	29.94	3.3	NE	6	80
7	29.94	3.8	NE	4.6	82
8	29.95	5.3	NE	6.4	81
9	29.94	6.8	NE	3.5	78
10	29.94	9.7	NE	6.7	73
11	29.93	11.5	NE	5.8	63
12	29.93	12.1	NE	6	57
13	29.91	11.7	NE	12.5	58
14	29.9	13.1	ENE	11.6	51
15	29.9	13.2	ENE	6	50
16	29.89	13.1	ENE	9.1	49
17	29.92	12.2	ENE	11.6	54
18	29.92	10.9	NE	5.8	58
19	29.93	9.3	NNE	2.4	64
20	29.96	6.8	NNE	0	71
21	29.99	4.8	NNE	0	79
22	29.99	3.4	NE	1.7	84
23	29.99	3.1	NE	2.9	85
<u>Avg</u>	<u>29.937</u>	<u>7.658</u>		<u>5.554</u>	<u>69.042</u>

Weather Data for
21-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30	2	NE	1.3	88
1	30	1.8	NE	4.2	90
2	30	1.8	NE	3.1	92
3	30	1.4	NE	3.5	93
4	30.01	0.6	NE	4	93
5	30.01	0.6	NE	5.3	94
6	30.03	0.5	NNE	4.6	94
7	30.04	0.2	NNE	3.3	94
8	30.05	2.6	NE	6.2	96
9	30.07	8.6	NE	3.5	96
10	30.06	13.5	ENE	0.6	64
11	30.06	16.9	ENE	2.2	46
12	30.05	20.5	NNE	6.9	35
13	30.02	16.2	NNE	4.9	38
14	30	15.4	N	1.7	41
15	30	13.9	NW	1.3	45
16	29.99	12.7	NNW	0.8	49
17	29.99	12.7	NW	2	53
18	29.98	10.4	NW	0	57
19	29.99	5.8	WNW	2.4	68
20	29.98	7.8	WNW	0	71
21	29.97	6.8	WNW	0	72
22	29.97	5.5	WNW	3.5	80
23	29.96	7.4	NW	3.3	77
<u>Avg</u>	<u>30.010</u>	<u>7.733</u>		<u>2.858</u>	<u>71.917</u>

Weather Data for
22-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.95	8.8	NNW	11.6	73
1	29.94	6.2	NNW	1.5	79
2	29.93	6.1	NNW	6.2	83
3	29.93	4.3	NW	2	86
4	29.93	2.1	NNW	2.9	87
5	29.92	1.5	NW	2.6	90
6	29.91	-0.1	NW	5.5	89
7	29.91	-0.4	NNW	1.7	90
8	29.92	1.3	WNW	2.2	93
9	29.93	5.7	N	11.1	71
10	29.9	9.3	NNW	5.5	51
11	29.9	12.2	NNW	4	37
12	29.89	13.6	NW	5.8	29
13	29.87	14.1	N	6.5	26
14	29.85	14.7	NW	6	26
15	29.84	15.3	NNW	7.3	19
16	29.84	12.3	NW	6.2	27
17	29.84	10.4	NW	3.3	30
18	29.86	3.7	NNW	2.9	42
19	29.87	1.7	NNW	3.3	53
20	29.87	4.3	NW	6.2	62
21	29.88	4.4	NW	4.2	66
22	29.89	1.5	NW	2.4	73
23	29.83	3	NNW	6.9	75
<u>Avg</u>	<u>29.892</u>	<u>6.500</u>		<u>4.908</u>	<u>60.708</u>

Weather Data for
23-Oct-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.88	2.4	NW	5.5	76
1	29.88	0	NW	3.1	79
2	29.9	-0.3	NNW	5.3	83
3	29.9	-2	NW	1.1	82
4	29.9	-3.5	NNW	6	82
5	29.92	-3.5	NW	3.8	84
6	29.92	-1.4	NNW	5.5	89
7	29.93	-1.3	NNW	1.7	89
8	29.94	1.3	NW	4	93
9	29.95	1.4	NW	4.4	93
10	29.95	3	NNW	4.2	96
11	29.96	5.5	N	7.1	90
12	29.96	6.5	NNE	7.8	85
13	29.96	7.2	NNE	14.5	79
14	29.97	7.3	N	11.4	79
15	29.99	7.9	NNE	7.6	77
16	30.01	8.2	N	13.1	74
17	30.03	8.2	NNE	5.8	73
18	30.05	6.3	N	2	81
19	30.07	6.5	NNW	3.5	79
20	30.08	6.3	NNW	5.5	80
21	30.09	4.5	N	7.8	80
22	30.1	3.1	N	2.9	82
23	30.1	0.5	NNW	5.8	84
<u>Avg</u>	<u>29.977</u>	<u>3.088</u>		<u>5.808</u>	<u>82.875</u>

Weather Data for
24-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.1	-0.3	N	2.9	88
1	30.11	-1.2	N	4	89
2	30.11	-2.1	NNW	4.2	89
3	30.13	-2.5	NNW	4.4	89
4	30.12	-2.3	N	2.4	91
5	30.13	-2.5	N	2.6	91
6	30.14	-2.2	N	4	92
7	30.15	-1.2	N	3.1	93
8	30.16	1.5	NNW	3.3	96
9	30.17	6.2	NNW	7.6	79
10	30.17	7.1	N	12.9	68
11	30.16	7.4	NNE	10.7	65
12	30.16	8.4	NNW	10.9	61
13	30.14	9.6	N	11.1	56
14	30.13	8.8	NNW	12	55
15	30.13	9.1	NNE	5.5	54
16	30.13	8.1	N	7.8	56
17	30.13	7.3	NNE	2.9	58
18	30.14	6.1	NNW	2	62
19	30.14	5.5	N	3.5	66
20	30.14	5.1	N	5.5	68
21	30.14	4.6	NNW	0.4	71
22	30.14	4.4	N	5.8	71
23	30.13	4.5	NNW	2.6	71
<u>Avg</u>	<u>30.138</u>	<u>3.725</u>		<u>5.504</u>	<u>74.125</u>

Weather Data for
25-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.13	4.2	N	4.9	73
1	30.12	3.9	N	4.2	74
2	30.13	3.6	N	2.4	75
3	30.12	2.2	NNW	2.9	79
4	30.12	1.5	NNE	5.1	81
5	30.14	-0.5	N	5.5	83
6	30.15	-1.4	NNE	4.9	86
7	30.15	-1.9	NNE	4	88
8	30.16	-0.1	N	0	91
9	30.16	6.2	N	7.1	75
10	30.16	10.5	NNE	4.2	54
11	30.15	12.4	NNW	5.8	43
12	30.14	14.8	NE	4.9	37
13	30.12	15.9	NW	3.1	32
14	30.08	16.8	NW	5.5	30
15	30.07	17.2	NNE	3.1	28
16	30.06	15.9	NNW	4.6	30
17	30.06	13.7	N	2.9	34
18	30.05	5.7	NNW	0	47
19	30.06	2.5	NNW	0	60
20	30.06	1.9	N	0.8	66
21	30.06	1.3	N	0	71
22	30.05	0.2	N	0	74
23	30.04	0.7	N	0	76
<u>Avg</u>	<u>30.106</u>	<u>6.133</u>		<u>3.163</u>	<u>61.958</u>

Weather Data for
26-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.05	-0.8	N	0	74
1	30.06	-0.9	N	0	78
2	30.06	-2.9	N	0	80
3	30.06	-1.3	NNW	0	84
4	30.05	-2.1	NNW	0	83
5	30.05	-1.1	NNW	0	86
6	30.06	-3.3	NNW	0	82
7	30.07	-4.5	NNW	0	82
8	30.08	-0.9	NE	0	87
9	30.1	7.4	NE	0	72
10	30.1	10.3	NE	0	62
11	30.1	10.7	S	1.3	53
12	30.1	12.8	ENE	0	46
13	30.09	13.7	ENE	1.1	42
14	30.07	14.1	ENE	0	39
15	30.07	12.7	ENE	1.5	40
16	30.08	12.1	NE	3.5	42
17	30.08	10.6	E	3.3	45
18	30.1	7.6	ENE	2	52
19	30.12	7.4	ENE	1.5	58
20	30.14	7.4	ENE	4.2	58
21	30.14	6.5	ENE	3.5	60
22	30.17	3.4	NE	5.8	68
23	30.18	3.1	NE	5.5	74
<u>Avg</u>	<u>30.091</u>	<u>5.083</u>		<u>1.383</u>	<u>64.458</u>

Weather Data for
27-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.19	2.4	ENE	7.6	77
1	30.2	1.6	ENE	1.3	77
2	30.2	1.6	ENE	1.3	79
3	30.21	1.1	ENE	5.5	81
4	30.22	-2	E	0	78
5	30.23	-3.6	E	0	81
6	30.25	-3.8	E	0	83
7	30.26	-5.3	E	0	84
8	30.27	-3.3	E	0	85
9	30.28	4.1	SSE	0	79
10	30.28	10.3	S	3.5	59
11	30.28	14.1	SSE	0	47
12	30.27	16	SE	2.6	36
13	30.24	17.2	S	1.7	32
14	30.23	19.2	WSW	0	28
15	30.21	19.1	WNW	0	28
16	30.2	17.5	WNW	1.3	28
17	30.21	15.1	WNW	0	34
18	30.21	7.5	WNW	0	48
19	30.22	4.1	WNW	0.6	60
20	30.23	3.9	ESE	0	65
21	30.23	3.8	SE	5.1	73
22	30.24	4.1	SSE	2.6	69
23	30.24	1.4	SSE	1.3	75
<u>Avg</u>	<u>18.1604</u>	<u>6.0875</u>		<u>1.4333</u>	<u>61.9167</u>

Weather Data for
28-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.25	0.2	SE	2.2	79
1	30.25	1.7	SSE	2.9	81
2	30.25	2.1	SSE	3.3	80
3	30.25	1.8	SSE	0.6	80
4	30.26	0.9	S	0.4	81
5	30.27	0.2	SSE	2.4	81
6	30.28	2.9	SSE	2.9	84
7	30.29	1.1	SSE	5.8	86
8	30.3	2.1	SSE	3.3	84
9	30.3	5.4	S	3.1	72
10	30.3	12.3	S	5.5	52
11	30.29	14.5	WSW	4.9	43
12	30.27	17.4	S	6.4	33
13	30.25	16.7	SSE	10.7	35
14	30.24	16.8	SSW	3.3	33
15	30.21	16.9	SSW	13.6	32
16	30.2	16.3	S	12.5	33
17	30.2	14.6	SSW	8.5	36
18	30.2	10.9	S	7.6	48
19	30.19	9.2	SSE	5.8	54
20	30.21	7.4	SSE	5.5	60
21	30.2	6.6	S	9.6	65
22	30.21	4.9	S	8.2	72
23	30.21	5.5	SE	5.5	72
<u>Avg</u>	<u>30.245</u>	<u>7.850</u>		<u>5.604</u>	<u>61.500</u>

Weather Data for
29-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.21	4.3	S	7.1	73
1	30.21	5.1	SSE	9.1	73
2	30.2	5.1	S	11.4	73
3	30.2	4.4	S	6.7	75
4	30.2	4.4	S	6.7	75
5	30.19	4	S	5.8	79
6	30.19	4.2	SSE	10	78
7	30.18	4	S	10	78
8	30.18	4.7	SSE	10.7	78
9	30.19	7.3	SSW	13.4	71
10	30.18	11.4	SSW	11.6	59
11	30.16	17.1	WSW	7.6	44
12	30.14	19.4	SSW	14.9	38
13	30.1	20.7	SW	20.1	34
14	30.07	21.5	SW	15.2	31
15	30.06	21.3	SW	13.1	32
16	30.05	20.4	SW	18.5	35
17	30.05	17.3	S	14.5	41
18	30.05	15.2	S	8.2	47
19	30.05	13.7	SSW	18.7	53
20	30.05	13.1	SSE	8.5	56
21	30.06	12.8	S	13.4	59
22	30.07	13.4	SSW	10	56
23	30.07	13.3	SSW	11.6	55
<u>Avg</u>	<u>30.130</u>	<u>11.588</u>		<u>11.533</u>	<u>58.042</u>

Weather Data for
30-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.06	13.3	SW	16.3	52
1	30.05	12.8	SSW	14.3	53
2	30.05	12.6	SSW	6.4	53
3	30.03	11.7	SSW	10.2	58
4	30.02	11.3	SSW	8.9	59
5	30.01	11.2	S	6.4	60
6	30	10.4	S	10.2	63
7	30.01	10.5	S	8.2	85
8	30.01	10.7	SW	11.1	68
9	30.01	11.4	SSW	12.9	84
10	29.99	11.4	SW	8.7	69
11	29.98	11.1	SW	7.8	79
12	29.96	11.2	SW	7.6	86
13	29.94	12.6	SW	12.5	79
14	29.93	12.7	WSW	5.3	77
15	29.94	13.3	WSW	5.5	73
16	29.95	12.9	SW	5.3	72
17	29.95	12.5	SSW	5.3	75
18	29.96	12	SW	4.6	78
19	29.97	11.8	WSW	1.5	79
20	29.98	11.5	WSW	0	80
21	29.99	11.3	NW	2	83
22	29.98	8.5	NNW	0	82
23	29.99	8.1	N	3.1	88
<u>Avg</u>	<u>29.990</u>	<u>11.533</u>		<u>7.254</u>	<u>72.292</u>

Weather Data for
31-Oct-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30	7.7	NNW	0	91
1	30.01	7.1	N	0	96
2	30.02	6.5	SW	0	96
3	30.04	8.5	WNW	5.1	96
4	30.03	8.8	NW	4.6	96
5	30.03	8.4	NNE	5.5	96
6	30.03	8.2	N	1.1	96
7	30.05	8.1	NNE	3.5	96
8	30.06	8.5	NNE	2	96
9	30.06	8.9	N	1.3	96
10	30.08	9.7	NW	3.5	87
11	30.05	14.1	N	2.9	84
12	30.01	15.2	N	6.7	52
13	29.99	15.5	NNW	9.6	46
14	29.98	14.8	NNW	8.2	46
15	29.98	12.9	NNW	5.3	50
16	29.98	11.5	NW	5.5	53
17	30	6.6	N	2.6	64
18	30.03	3.9	NNE	4	77
19	30.03	3.3	NE	5.1	82
20	30.03	1.6	NNE	0	82
21	30.03	-0.6	NNE	0	84
22	30.04	-1.3	NNE	0	82
23	30.03	-1.3	NW	1.7	82
<u>Avg</u>	<u>30.025</u>	<u>7.775</u>		<u>3.258</u>	<u>80.250</u>

Weather Data for
1-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.03	-1.3	NNW	3.5	86
1	30.01	-1	NW	2.2	89
2	30.01	-0.6	NW	3.8	91
3	30	-1.2	WNW	0	93
4	30	-2.6	W	0	92
5	30	-1.9	WSW	0	92
6	30	-2.5	SW	0	92
7	30	-1.7	SW	1.7	93
8	30.01	2.5	SSW	5.5	96
9	29.99	9.4	SW	9.3	70
10	29.96	11.3	SSW	15.2	59
11	29.9	13.8	SW	12.5	43
12	29.88	16.2	W	13.4	32
13	29.85	18	WSW	14.5	29
14	29.85	18.7	WNW	14.3	23
15	29.85	18.2	WNW	8.9	28
16	29.87	16.7	WNW	8	31
17	29.89	11.8	NW	6.2	42
18	29.92	10.1	NW	5.8	48
19	29.94	9.3	NW	6	50
20	29.95	7.7	NW	9.6	54
21	29.97	6.3	WNW	6.2	58
22	29.97	4.3	WNW	3.8	60
23	29.98	2.2	WNW	2.9	65
<u>Avg</u>	<u>29.951</u>	<u>6.821</u>		<u>6.388</u>	<u>63.167</u>

Weather Data for
2-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.98	2.1	NNW	0	67
1	29.99	1.1	NW	0	67
2	29.99	1.1	NW	0	68
3	30	-0.5	NW	0	71
4	29.99	0.5	WNW	0	71
5	30	0.9	WSW	1.3	71
6	30	0.5	SSE	0	70
7	30	2.5	S	6	70
8	29.99	8.1	S	5.8	55
9	29.98	12.6	SSW	10.5	42
10	29.94	16.1	S	20.8	30
11	29.9	20.5	SW	14.5	25
12	29.85	22.5	SW	17.8	23
13	29.8	22.6	SW	16.3	23
14	29.76	26.2	SW	17.8	19
15	29.73	24.8	SW	16.1	19
16	29.72	22.6	SW	5.5	24
17	29.72	19.4	SW	12	35
18	29.73	18.6	WSW	12.9	38
19	29.73	18.4	SW	15.6	38
20	29.75	17.3	WSW	12.9	42
21	29.77	15.9	WSW	7.3	45
22	29.77	15.1	W	10	49
23	29.77	14.5	WSW	12.3	51
<u>Avg</u>	<u>29.869</u>	<u>22.664</u>		<u>8.975</u>	<u>46.375</u>

Weather Data for
3-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.77	13.4	SW	8.7	56
1	29.78	12.7	WSW	6.4	58
2	29.8	9.6	WNW	2.4	65
3	29.77	9.9	SSW	5.1	70
4	29.77	9.1	SSW	7.6	71
5	29.77	9.3	SW	6.2	68
6	29.77	8.1	SSW	6	71
7	29.77	8.2	SSW	6.9	70
8	29.78	12.2	SSW	6.2	55
9	29.76	15.5	SW	7.3	42
10	29.73	16.6	SSW	9.3	38
11	29.7	20.2	SW	6	30
12	29.66	19.2	SSW	8.2	32
13	29.61	21.3	SSE	8	26
14	29.58	21.2	S	14	27
15	29.58	19.8	SSW	10.2	30
16	29.57	17.8	SSW	11.1	34
17	29.57	14.5	S	4	41
18	29.57	12.8	S	2	47
19	29.57	12.4	S	1.5	49
20	29.55	13.5	SSW	3.3	47
21	29.56	12.3	SW	2.4	52
22	29.56	11.3	WSW	4.2	57
23	29.56	11.6	WNW	6.9	59
<u>Avg</u>	<u>29.671</u>	<u>13.854</u>		<u>6.413</u>	<u>49.792</u>

Weather Data for
4-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.58	11.1	WNW	8	61
1	29.6	11.2	NW	8.2	60
2	29.6	7.5	NW	3.1	66
3	29.64	5.7	NW	10	76
4	29.65	4.1	WNW	6.2	81
5	29.66	1.5	WNW	3.8	84
6	29.7	1.1	WNW	6	87
7	29.73	1	WNW	4.9	89
8	29.74	6.5	NNW	3.8	73
9	29.76	11.3	NNW	2.6	55
10	29.75	14.8	NNW	5.8	42
11	29.75	17.3	NW	7.3	34
12	29.73	19.2	NNW	2.2	30
13	29.71	19.5	NNW	5.8	27
14	29.71	16.7	WNW	2.2	31
15	29.72	16.1	NNE	4	29
16	29.74	12.9	NNE	5.1	38
17	29.75	11	NNE	6.4	44
18	29.75	9.4	ENE	5.1	51
19	29.76	9.1	ENE	7.8	54
20	29.75	8.6	ENE	4.2	58
21	29.78	7.8	NE	4	64
22	29.77	7.6	ENE	5.3	67
23	29.75	7.5	ENE	4.2	67
<u>Avg</u>	<u>29.712</u>	<u>9.938</u>		<u>5.250</u>	<u>57.000</u>

Weather Data for
5-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.74	6.9	ENE	7.3	71
1	29.73	7.5	SE	5.8	71
2	29.7	8.5	SE	5.5	66
3	29.68	8.1	SSE	7.3	65
4	29.72	6.2	NE	3.3	71
5	29.72	6.1	NE	6.4	74
6	29.71	4.1	ENE	4	78
7	29.72	4.1	NE	5.1	82
8	29.73	5.9	ENE	6.9	80
9	29.74	8.5	NE	10.9	73
10	29.71	10.2	E	9.1	69
11	29.68	11.1	ENE	7.8	65
12	29.71	10.8	SE	2.2	66
13	29.67	11.4	ENE	2.4	69
14	29.64	10.7	ENE	9.1	74
15	29.66	10	ENE	3.1	80
16	29.66	8.5	ENE	5.5	96
17	29.67	7.8	NNE	7.6	96
18	29.65	7.5	E	6.9	96
19	29.62	7.8	E	16.7	96
20	29.63	7.8	ENE	4.6	96
21	29.64	7.8	NNE	8.2	96
22	29.64	7.9	N	4	96
23	29.65	7.6	N	7.6	96
<u>Avg</u>	<u>29.684</u>	<u>8.033</u>		<u>6.554</u>	<u>80.083</u>

Weather Data for
6-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.67	7.6	N	4.4	96
1	29.68	7.8	N	3.5	96
2	29.69	8.1	NNE	7.6	96
3	29.71	7.8	N	4.9	96
4	29.73	7.5	N	5.5	96
5	29.77	7.3	NNW	4.2	96
6	29.8	7.1	NNW	3.8	96
7	29.83	5.5	NNW	6	96
8	29.85	7.4	N	10.2	96
9	29.9	8.2	N	10	96
10	29.92	8.5	NNW	4.6	92
11	29.92	8.9	NNW	6	87
12	29.94	9.2	WNW	6	77
13	29.93	11	W	4.2	69
14	29.94	14.4	W	7.6	53
15	29.93	13.7	SW	5.5	56
16	29.94	10.4	SW	5.1	67
17	29.95	6.7	SSW	6.2	85
18	29.95	5.8	S	6	90
19	29.96	6.5	S	6.2	89
20	29.97	5.7	S	7.8	90
21	29.96	5.6	S	10.5	93
22	29.95	6	SSW	9.8	92
23	29.94	5.8	S	6.7	91
<u>Avg</u>	<u>29.868</u>	<u>8.021</u>		<u>6.346</u>	<u>87.125</u>

Weather Data for
7-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.93	6.1	SW	11.1	90
1	29.92	6.7	SW	10.5	86
2	29.93	8.1	SSW	10	76
3	29.92	8.7	SW	10.2	70
4	29.92	8.4	SW	7.3	70
5	29.92	7.2	SSW	7.6	73
6	29.93	5.7	SSW	4.6	77
7	29.95	6.2	SSW	9.1	78
8	29.95	8.2	S	9.6	72
9	29.94	12	SSW	9.8	58
10	29.93	15.1	SSW	14	47
11	29.91	19.1	SSW	10.5	37
12	29.89	20.4	W	10.5	35
13	29.87	21.2	SW	5.8	34
14	29.86	23.7	SSW	9.6	28
15	29.86	22.7	S	7.1	29
16	29.86	20.8	SSW	0	36
17	29.87	14	NE	3.1	50
18	29.9	12.6	E	6.9	57
19	29.91	13.7	E	7.8	53
20	29.93	11.8	E	7.1	59
21	29.94	9.2	ENE	6	68
22	29.95	7.4	ENE	5.3	73
23	29.95	6.5	NE	0	79
<u>Avg</u>	<u>29.914</u>	<u>12.313</u>		<u>7.646</u>	<u>59.792</u>

Weather Data for
8-Nov-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.94	6.5	ENE	6.7	83
1	29.95	6.4	NE	6.4	84
2	29.94	7.1	ENE	12.9	84
3	29.95	7	ENE	3.3	79
4	29.94	7.8	E	6.7	79
5	29.94	9.1	SE	6.4	74
6	29.93	8.2	ENE	5.1	74
7	29.83	8.6	E	6.7	74
8	29.86	8.9	ESE	8	75
9	29.85	10.7	SE	5.1	69
10	29.82	13	ENE	8.5	68
11	29.87	18.5	SE	8.7	48
12	29.82	20.1	SSE	9.3	48
13	29.79	19.2	SE	10.2	54
14	29.75	20.2	SSE	9.1	54
15	29.75	18.7	SSE	11.6	57
16	29.73	17.4	S	9.6	64
17	29.71	16.5	SE	5.3	66
18	29.71	16.3	SSE	6	72
19	29.69	15.3	SSE	8.5	78
20	29.68	14.9	SSE	5.5	83
21	29.67	13.6	S	3.3	88
22	29.65	12.8	SSW	6.7	96
23	29.65	12.2	WSW	5.5	96
<u>Avg</u>	<u>29.809</u>	<u>12.875</u>		<u>7.296</u>	<u>72.792</u>

Weather Data for
9-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.68	14.6	WNW	17.4	96
1	29.72	13.6	NNW	19.9	67
2	29.79	10.2	N	13.4	61
3	29.83	7.7	NNW	14.9	63
4	29.85	5.5	NNW	6.2	67
5	29.88	4.4	NNW	10.5	69
6	29.89	3.2	NW	12	71
7	29.93	3	NW	5.5	71
8	29.94	6.2	NW	21.4	58
9	29.96	8.7	NNW	12	48
10	29.98	10.4	NW	20.8	42
11	29.98	11.4	NNW	18.7	38
12	29.97	12.2	NW	18.5	34
13	29.98	10.1	N	14.7	38
14	29.98	9.9	NW	19	36
15	29.99	10.3	NW	9.6	36
16	30.01	7.8	NNW	14	38
17	30.06	4.8	NNW	7.8	47
18	30.08	3.5	NNW	10	51
19	30.1	2.1	NW	6.2	53
20	30.11	0.4	NW	8.5	58
21	30.12	-1.5	NNW	4.6	65
22	30.14	-4.2	NW	7.1	71
23	30.15	-3.5	NW	5.1	77
<u>Avg</u>	<u>29.963</u>	<u>6.283</u>		<u>12.408</u>	<u>56.458</u>

Weather Data for
10-Nov-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.17	-1.9	NNW	6	75
1	30.18	-3.1	WNW	1.1	74
2	30.17	-4.8	NNW	3.8	76
3	30.14	-5.4	NE	0	76
4	30.14	-6.9	WNW	0	76
5	30.17	-6.5	W	0	80
6	30.18	-6.3	WSW	2.2	82
7	30.19	-6.1	WSW	4.2	84
8	30.19	-0.5	SSW	4.9	81
9	30.17	4.7	WSW	4	62
10	30.15	10.1	SW	14.9	47
11	30.12	12	WSW	8.9	36
12	30.09	13.7	WSW	13.4	26
13	30.06	14.9	SW	13.6	23
14	30.03	14.9	SW	13.4	22
15	30.01	14.9	SW	8.2	19
16	30.01	12.2	SW	6.2	25
17	29.99	8.5	SW	5.5	33
18	29.98	5.8	WSW	6.2	44
19	29.98	5.1	WSW	5.8	49
20	29.99	4.1	SW	5.5	53
21	29.98	4.7	SSW	6.9	54
22	29.98	4.2	SSW	5.5	57
23	29.98	2.8	S	8	61
<u>Avg</u>	<u>30.085</u>	<u>3.796</u>		<u>6.175</u>	<u>54.792</u>

Weather Data for
11-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.96	2.8	SSE	5.8	63
1	29.95	2.5	S	8.5	65
2	29.95	2.5	SSW	6.4	66
3	29.93	2.3	SSW	3.5	68
4	29.92	1.8	SSW	8	69
5	29.91	1.5	SSW	6.7	70
6	29.91	1.1	SSW	6	71
7	29.91	1.4	SSW	6.4	71
8	29.9	4.5	S	6.4	69
9	29.88	8.7	S	9.8	55
10	29.85	13.1	SSW	11.1	40
11	29.84	14.1	SSW	7.1	40
12	29.8	14.8	SSW	6.9	36
13	29.78	17	SSW	14.3	31
14	29.77	18.4	SW	13.4	31
15	29.76	18.1	SSW	10.9	32
16	29.74	14.7	S	6.7	42
17	29.74	13.7	S	6.9	48
18	29.74	13.2	SSE	10.9	53
19	29.74	11	S	9.1	64
20	29.73	10.2	S	6.9	74
21	29.73	9.9	S	10.2	76
22	29.72	10.2	SSW	9.6	79
23	29.72	9.9	S	10.5	80
<u>Avg</u>	<u>29.828</u>	<u>9.058</u>		<u>8.417</u>	<u>58.042</u>

Weather Data for
12-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.72	10.3	S	8	81
1	29.7	10.2	S	7.3	80
2	29.69	10.1	SSW	9.3	80
3	29.67	10.1	S	14.3	80
4	29.65	8.8	S	8.5	81
5	29.63	8.7	S	7.1	80
6	29.63	8.6	SSW	12.5	78
7	29.63	8.3	S	12.7	78
8	29.62	9.8	SSE	8.5	72
9	29.59	11.2	S	11.6	71
10	29.58	15.8	SSW	18.5	56
11	29.57	15.4	SSW	13.6	54
12	29.51	17.5	SSW	19	60
13	29.49	16.7	S	18.7	63
14	29.45	14.4	SE	19.2	79
15	29.41	14.8	S	19.4	85
16	29.39	15.1	S	10.2	86
17	29.36	14.8	S	16.7	87
18	29.33	15.5	S	20.8	86
19	29.33	16.1	SSW	21.6	87
20	29.34	16.2	SW	16.1	86
21	29.39	14.3	W	16.1	56
22	29.41	12.2	WNW	13.4	64
23	29.49	11.3	WNW	19.6	65
<u>Avg</u>	<u>29.524</u>	<u>12.758</u>		<u>14.279</u>	<u>74.792</u>

Weather Data for
13-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.55	10.1	W	12.7	69
1	29.58	9	W	17	68
2	29.64	7.4	WNW	15.8	68
3	29.66	7.1	NW	17	68
4	29.7	6.4	WNW	13.1	69
5	29.74	5.8	WNW	19	66
6	29.77	5.5	WNW	10.7	67
7	29.79	4.7	NW	21	67
8	29.83	4.8	WNW	18.3	67
9	29.86	5.7	NW	18.1	64
10	29.91	6.4	WNW	12	66
11	29.96	6.2	NW	17.6	62
12	30	6.5	NNW	19	63
13	30.02	8.7	NW	28.1	55
14	30.03	11.3	NNW	18.7	34
15	30.05	11.2	NW	14.5	32
16	30.07	8.8	NW	7.6	33
17	30.1	4.7	WNW	5.3	43
18	30.14	2.1	WNW	3.8	51
19	30.15	-1.9	WNW	4.9	59
20	30.16	-3.2	NW	0	64
21	30.18	-2.9	NNW	1.1	71
22	30.19	-2.6	N	0	75
23	30.21	-2.6	N	1.3	79
<u>Avg</u>	<u>29.929</u>	<u>4.967</u>		<u>12.358</u>	<u>60.833</u>

Weather Data for
14-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.2	-3.1	SSE	0	80
1	30.2	-3.6	S	0	80
2	30.21	-3.6	S	0	80
3	30.2	-3.1	S	0	83
4	30.18	-0.8	ESE	0	81
5	30.18	0.3	SE	0	78
6	30.19	0.5	SE	7.1	77
7	30.19	0.6	S	7.8	76
8	30.17	1.8	SSE	9.1	73
9	30.15	2.9	SE	11.4	71
10	30.14	4.2	SSE	12.3	65
11	30.11	4.7	S	11.6	61
12	30.07	4.2	SSE	8.7	72
13	30.02	3.5	ESE	7.8	79
14	30	2.9	SSE	11.8	82
15	29.98	2.4	SSE	5.8	88
16	29.97	1.8	SSE	6	90
17	29.95	1.2	ESE	5.1	92
18	29.95	1.1	SSE	6	93
19	29.91	0.5	ESE	7.3	93
20	29.96	0.4	ENE	2.4	94
21	29.94	0.5	ENE	5.5	94
22	29.93	1.1	E	1.1	96
23	29.91	1.5	ENE	8.5	96
<u>Avg</u>	<u>30.071</u>	<u>0.913</u>		<u>5.638</u>	<u>82.250</u>

Weather Data for
15-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.89	1.8	ESE	8.7	96
1	29.9	2.1	E	9.3	96
2	29.89	2.1	ENE	3.3	96
3	29.83	2.1	E	7.3	96
4	29.84	2.2	ENE	6.9	96
5	29.81	2.3	ENE	6.2	96
6	29.81	2.5	E	10.5	96
7	29.83	2.6	E	5.1	96
8	29.79	2.8	ENE	6.2	96
9	29.8	3.1	ENE	3.8	96
10	29.77	3.4	E	6.4	96
11	29.72	3.4	NE	3.3	96
12	29.67	3.1	NNE	8.5	96
13	29.64	2.1	NE	6.9	96
14	29.62	1.1	NNE	10.7	96
15	29.62	-0.3	NNE	6.4	96
16	29.61	-0.3	NNE	6.4	96
17	29.62	-0.3	NNE	6.4	96
18	29.63	-0.4	NW	0	96
19	29.63	-0.3	NNW	11.8	96
20	29.64	-0.7	NNW	16.1	96
21	29.67	-1.7	NNW	15.6	96
22	29.7	-2.5	NNW	17.6	96
23	29.73	-3.3	NNW	20.5	96
Avg	<u>29.736</u>	<u>1.121</u>		<u>8.496</u>	<u>96.000</u>

Weather Data for
16-Nov-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.77	-3.9	NNW	19.6	96
1	29.81	-4.7	NNW	19.9	96
2	29.85	-5.5	NNW	17.2	96
3	29.88	-6.1	NNW	13.8	94
4	29.91	-6.8	NNW	15.6	92
5	29.93	-7.5	NNW	15.2	90
6	29.95	-7.9	NNW	16.1	89
7	29.99	-7.9	NNW	13.8	87
8	30.03	-8.1	NNW	10.7	87
9	30.06	-7.3	NNW	19.6	86
10	30.09	-6.8	NNW	11.4	77
11	30.11	-5.8	NNW	21.6	69
12	30.12	-5.5	NNW	14.9	63
13	30.14	-6.1	NNW	22.1	60
14	30.15	-5	NW	12.7	50
15	30.19	-6.6	NW	15.6	51
16	30.21	-8.5	NNW	12	57
17	30.25	-10.2	NNW	12.7	61
18	30.27	-10.9	WNW	10.5	65
19	30.28	-11.7	NNW	10	65
20	30.3	-12.5	NNW	8.5	67
21	30.32	-13.5	NW	7.6	68
22	30.33	-14	NW	5.3	70
23	30.34	-14.4	NW	8.2	71
<u>Avg</u>	<u>30.095</u>	<u>-8.217</u>		<u>13.942</u>	<u>75.292</u>

Weather Data for
17-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.35	-15.1	WNW	3.3	70
1	30.36	-15.8	NW	0.8	70
2	30.36	-15.6	NNW	5.3	71
3	30.38	-16.2	NNW	2.4	70
4	30.39	-17.2	NNW	0	68
5	30.4	-18.5	N	0	65
6	30.42	-18.5	WNW	0	65
7	30.43	-18.6	N	3.5	64
8	30.45	-12.4	NNW	2.4	72
9	30.47	-6.6	NNW	0	66
10	30.46	-1.8	ENE	2.9	53
11	30.45	-3.2	S	6	49
12	30.44	-5.7	WSW	6	46
13	30.4	-5.9	SSW	9.3	55
14	30.36	-6.9	SW	6.2	53
15	30.34	-6.1	S	7.6	65
16	30.32	-7.6	SSE	4.6	62
17	30.32	-9.5	S	3.8	66
18	30.31	-9.3	SSE	4.4	70
19	30.28	-8.9	SSE	6	71
20	30.28	-7.6	S	4.4	72
21	30.27	-6.9	SSW	5.1	72
22	30.26	-6.7	SSW	5.8	71
23	30.24	-6.6	SSW	5.8	74
<u>Avg</u>	<u>30.364</u>	<u>-10.300</u>		<u>3.983</u>	<u>65.000</u>

Weather Data for
18-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.2	-5.9	SW	2	72
1	30.16	-5.5	SW	7.6	69
2	30.17	-5.2	WSW	6.9	68
3	30.15	-6.5	WSW	6.7	70
4	30.14	-5.9	W	1.1	73
5	30.14	-4.8	WNW	7.8	77
6	30.13	-5.2	SW	2.9	78
7	30.13	-5.6	WSW	1.7	81
8	30.12	-2.9	WSW	2.2	81
9	30.12	0.8	SW	2.6	70
10	30.11	2.5	SW	4.6	62
11	30.06	5.3	WSW	6	63
12	30.03	7.4	WSW	8.7	53
13	30.01	7.7	WSW	8.7	54
14	29.98	8.3	WSW	10	56
15	29.97	8.7	W	4.6	56
16	29.94	5.3	SW	8.5	64
17	29.92	2.2	SSW	10	76
18	29.91	1.5	SSW	9.1	78
19	29.88	1.2	SSW	9.8	79
20	29.86	1.4	SW	9.6	77
21	29.85	2.7	SW	13.8	72
22	29.83	2.5	SSW	11.8	72
23	29.8	2.3	SSW	8.9	73
<u>Avg</u>	<u>30.025</u>	<u>0.513</u>		<u>6.900</u>	<u>69.750</u>

Weather Data for
19-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.8	2.4	SW	14.5	73
1	29.76	2.4	SW	13.4	72
2	29.75	2.4	SSSW	7.1	71
3	29.75	2.3	SW	8	70
4	29.75	1.5	WSW	5.8	74
5	29.75	1.3	WSW	11.8	73
6	29.76	0.6	WSW	7.3	76
7	29.79	0.4	W	4	78
8	29.8	4.9	WSW	1.1	68
9	29.81	6.1	WNW	6	65
10	29.82	10.2	WNW	4.9	59
11	29.84	6.4	NW	4	70
12	29.85	7.1	N	6	73
13	29.86	6.5	N	5.8	72
14	29.88	4.8	NNW	6.2	82
15	29.91	3.8	NNW	5.5	91
16	29.93	3.2	N	4.2	94
17	29.97	2.9	N	4	96
18	29.99	2.8	N	4.4	96
19	30	2.8	NNW	5.8	96
20	30.01	2.8	NNW	3.8	96
21	30.04	3	N	4.9	96
22	30.06	2.7	N	4.2	96
23	30.07	2.3	N	5.5	96
<u>Avg</u>	<u>29.873</u>	<u>3.567</u>		<u>6.175</u>	<u>80.542</u>

Weather Data for
20-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.08	2.1	N	5.3	96
1	30.09	2.1	N	6.2	96
2	30.11	1.8	NNE	2	96
3	30.1	1.8	NNE	3.3	94
4	30.11	1.5	N	3.8	92
5	30.11	1.2	N	3.1	93
6	30.11	1.3	N	6	94
7	30.11	1.3	N	6.7	94
8	30.11	1.6	N	2.4	96
9	30.12	2.2	NW	3.5	96
10	30.13	2.5	WNW	6.2	92
11	30.11	2.8	WNW	6.4	89
12	30.08	3.7	WNW	1.3	85
13	30.05	4.2	W	5.1	75
14	30.04	3.5	W	7.3	74
15	30.05	3.1	WNW	5.5	72
16	30.06	2.4	W	6.7	74
17	30.06	1.7	WNW	4.9	75
18	30.07	0.8	WSW	4.9	76
19	30.05	0.7	W	5.8	77
20	30.05	0.5	WSW	6.4	77
21	30.03	0.7	WSW	7.6	77
22	30.02	0.3	WSW	8	78
23	30	-1.2	SW	4.2	82
<u>Avg</u>	<u>30.077</u>	<u>1.775</u>		<u>5.108</u>	<u>85.417</u>

Weather Data for
21-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.98	-1.4	SW	7.3	85
1	29.96	-1.8	WSW	8.5	86
2	29.95	-0.8	SW	7.3	88
3	29.91	-1.1	W	5.1	87
4	29.91	-1.3	W	3.1	87
5	29.89	-1.7	W	4.4	88
6	29.89	-2.5	WNW	4.4	88
7	29.89	-2.8	WNW	2.4	89
8	29.91	2	NW	5.1	93
9	29.91	6.1	NNW	6	75
10	29.92	7.2	N	8.2	73
11	29.91	9.8	NNW	6.4	62
12	29.9	11.4	N	11.8	55
13	29.9	10.8	NNW	16.3	49
14	29.9	9.5	NNW	16.1	48
15	29.92	7.7	N	14.9	52
16	29.93	5.8	N	11.6	58
17	29.94	3.2	N	11.4	67
18	29.96	2.2	N	6.7	71
19	29.98	0.5	N	8.7	76
20	29.98	0.2	N	8.7	79
21	29.98	-0.9	N	6.7	80
22	29.97	-0.6	N	10.9	83
23	29.98	-1.7	N	6.7	82
<u>Avg</u>	<u>29.932</u>	<u>2.492</u>		<u>8.279</u>	<u>75.042</u>

Weather Data for
22-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.98	-2.6	NNE	8.9	84
1	29.98	-2.8	N	9.6	86
2	29.97	-3.5	N	4.6	86
3	29.97	-4.7	N	5.1	85
4	29.98	-4.6	N	5.1	85
5	29.98	-5.3	NNW	5.5	85
6	29.99	-5.8	N	5.5	83
7	29.98	-7.2	NNW	0	81
8	29.98	-0.9	NW	2.4	87
9	29.98	-0.3	NNW	5.1	81
10	29.98	0.8	NNW	4.6	81
11	29.96	2.8	NW	6.4	72
12	29.93	2.8	W	1.5	68
13	29.88	2.2	W	5.5	71
14	29.86	2.1	WSW	8.9	72
15	29.84	2.1	W	3.1	72
16	29.85	1.9	WNW	2.2	72
17	29.82	1.3	WSW	0.8	74
18	29.79	1.2	SW	4.9	75
19	29.77	1.1	SSW	2.6	75
20	29.72	1.2	SSW	6.4	75
21	29.7	1.2	S	8	75
22	29.65	1.3	SW	6.9	74
23	29.65	1.3	SW	6.9	74
<u>Avg</u>	<u>29.883</u>	<u>-0.600</u>		<u>5.021</u>	<u>78.042</u>

Weather Data for
23-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.55	1.8	SSW	5.8	72
1	29.51	1.8	SSW	6.9	73
2	29.44	2	SSW	11.6	74
3	29.41	1.9	SW	6.4	75
4	29.37	2.7	WSW	5.5	76
5	29.36	2.7	W	5.1	78
6	29.35	3.3	NW	6	81
7	29.35	4.8	NW	11.4	74
8	29.36	5.8	NNW	14.9	70
9	29.36	9.7	NW	9.3	57
10	29.39	10.7	NNW	12.9	55
11	29.39	11.7	NNW	17.8	49
12	29.39	12.8	NNW	15.4	47
13	29.4	12.2	N	21.6	48
14	29.43	9.6	NNW	14.7	58
15	29.47	8	N	15.6	59
16	29.5	5.8	NNW	10.7	62
17	29.52	4.8	NNW	12.5	63
18	29.54	4.5	NNW	10.5	67
19	29.54	2.9	NNW	11.8	68
20	29.54	1.6	NNW	9.3	68
21	29.56	0.6	NW	14.3	68
22	29.58	-0.3	NNW	14.7	61
23	29.59	-1.5	NNW	17.4	60
<u>Avg</u>	<u>29.454</u>	<u>4.996</u>		<u>11.754</u>	<u>65.125</u>

Weather Data for
24-Nov-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.6	-2.4	N	21.4	50
1	29.64	-3.7	N	10.5	45
2	29.69	-4.8	NNW	20.8	46
3	29.72	-6.2	NNW	13.8	52
4	29.76	-7.5	NNE	16.3	38
5	29.8	-8.6	NNW	10.5	42
6	29.84	-9.6	NNW	26.6	19
7	29.89	-9.9	N	8.5	39
8	29.93	-9.3	N	14	36
9	29.97	-7.7	NNW	13.4	19
10	29.99	-6.9	N	19.6	19
11	30.01	-6.5	N	19.4	19
12	30.02	-6.2	NNW	14.7	19
13	30.02	-5.8	NNW	17	19
14	30.04	-6.1	NNE	7.6	19
15	30.06	-6.7	NNE	12.7	19
16	30.07	-9.1	N	11.6	19
17	30.1	-11.6	NNW	5.5	19
18	30.11	-14.2	NNW	4.2	22
19	30.11	-14.1	NW	4	38
20	30.11	-13.2	NNW	1.7	45
21	30.12	-11.6	NW	5.3	40
22	30.11	-10.1	NNW	10.5	37
23	30.11	-9.7	NNW	6	30
<u>Avg</u>	<u>29.951</u>	<u>-8.396</u>		<u>12.317</u>	<u>31.250</u>

Weather Data for
25-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.09	-9.4	NNW	3.8	31
1	30.1	-9.2	NW	5.8	30
2	30.1	-9.1	NW	4	27
3	30.08	-9.5	NW	0	29
4	30.08	-8.8	NW	0	36
5	30.08	-8.9	SSW	4.6	35
6	30.07	-8.8	S	6.9	35
7	30.06	-8.6	S	4	36
8	30.05	-8.3	SSW	14.3	30
9	30.05	-8	S	13.8	22
10	30.03	-7.7	S	17	19
11	30	-7.5	S	12.3	19
12	29.94	-7.2	SSW	18.7	19
13	29.88	-6.7	SW	9.1	19
14	29.87	-5.6	S	21	19
15	29.86	-5.5	S	9.3	19
16	29.85	-5.9	SSE	6	19
17	29.85	-6.7	SE	10.2	19
18	29.86	-7.2	SE	9.1	19
19	29.85	-7.6	SE	8	19
20	29.82	-7.3	SE	10.5	19
21	29.8	-6.9	ESE	4.9	19
22	29.8	-6.9	ESE	6	24
23	29.8	-7.1	SE	7.1	30
<u>Avg</u>	<u>29.957</u>	<u>-7.683</u>		<u>8.600</u>	<u>24.708</u>

Weather Data for
26-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.79	-8.6	E	5.8	35
1	29.79	-8.4	ESE	7.8	40
2	29.78	-7.9	ESE	5.3	41
3	29.77	-8.2	ESE	5.1	42
4	29.77	-8.9	E	6	45
5	29.77	-8.9	E	7.8	48
6	29.78	-8.6	ESE	5.8	50
7	29.78	-8.6	ESE	6.4	51
8	29.77	-5.8	ESE	10.2	52
9	29.78	-1.5	SE	7.8	45
10	29.77	0.1	SE	6.7	45
11	29.75	4.8	SSE	6.2	45
12	29.7	9.1	SSE	10	40
13	29.68	10.7	SE	9.1	36
14	29.66	10.8	SSE	12.7	42
15	29.66	11.2	SE	5.5	40
16	29.65	8.3	SE	9.8	46
17	29.65	5.1	SE	6.7	53
18	29.66	5.7	SE	11.1	56
19	29.66	5.4	SSE	6.2	59
20	29.64	5.1	SSE	14	64
21	29.64	4.7	SSE	10.2	68
22	29.62	5	SSE	12.7	71
23	29.62	6.2	SSE	6.7	73
<u>Avg</u>	<u>29.714</u>	<u>0.700</u>		<u>8.150</u>	<u>49.458</u>

Weather Data for
27-Nov-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.62	6.7	SE	8.5	73
1	29.6	6.7	SE	6.4	79
2	29.59	7.7	SSE	3.1	83
3	29.57	7.3	SE	9.1	87
4	29.56	8.6	SSE	12.3	88
5	29.55	8.4	SSE	11.6	90
6	29.55	7.8	SE	6	91
7	29.55	8.8	SSE	10.2	96
8	29.55	10.1	SE	6.4	92
9	29.54	10.4	SSE	8.2	89
10	29.52	10.5	SSE	6.4	90
11	29.48	11.2	SSE	11.6	92
12	29.46	11.1	SSE	10.7	91
13	29.44	10.9	SSE	5.5	91
14	29.41	10.9	SE	3.5	91
15	29.42	10.7	SSE	11.1	91
16	29.41	10.4	SE	13.4	93
17	29.42	10.1	SE	6.4	94
18	29.41	10.1	SE	12.3	96
19	29.37	9.9	SE	7.1	96
20	29.36	9.8	ESE	8.7	96
21	29.38	10.1	SE	17.8	96
22	29.32	10.5	E	13.4	96
23	29.31	11.4	SE	11.6	96
<u>Avg</u>	<u>29.475</u>	<u>9.588</u>		<u>9.221</u>	<u>90.708</u>

Weather Data for
28-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.29	11.7	SE	16.3	96
1	29.2	11.6	E	8.7	96
2	29.19	11.5	SE	8.5	96
3	29.09	11.7	SE	13.8	96
4	29.09	12.1	SSE	14.5	92
5	29.05	12.1	SSE	15.2	89
6	29.05	10.2	SSW	17	77
7	29.08	8.3	S	7.6	84
8	29.08	8.4	SSW	10.9	88
9	29.09	8.1	SSW	11.8	76
10	29.1	6.7	SSW	6	76
11	29.1	5.3	SSW	12.9	79
12	29.08	5.2	SSW	13.6	79
13	29.07	5.1	SSW	17.8	80
14	29.08	4.5	SSW	16.3	82
15	29.1	3.9	S	15.6	86
16	29.12	2.6	WSW	22.5	85
17	29.15	0.5	SSW	17.6	85
18	29.15	0.2	SSW	20.1	87
19	29.18	0.3	SW	15.2	87
20	29.19	-0.1	SW	12.5	86
21	29.21	-0.8	SW	13.6	86
22	29.24	-1.9	SW	12.9	88
23	29.26	-2.9	WSW	19.4	88
<u>Avg</u>	<u>29.135</u>	<u>5.596</u>		<u>14.179</u>	<u>86.000</u>

Weather Data for
29-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.28	-4	WSW	13.4	88
1	29.31	-4.9	WNW	13.4	88
2	29.34	-6.5	WNW	14.9	86
3	29.37	-7.1	WNW	15.2	85
4	29.39	-7.2	WNW	11.8	84
5	29.43	-6.8	NW	12.9	85
6	29.46	-6.9	NW	16.1	84
7	29.5	-7.3	NW	11.6	84
8	29.53	-7	WNW	17.8	84
9	29.56	-6.5	WNW	8.7	85
10	29.61	-5.9	WNW	16.3	85
11	29.62	-4.5	WNW	11.8	86
12	29.64	-4.3	NW	13.8	86
13	29.67	-4.1	NNW	24.6	86
14	29.71	-5.2	NW	7.8	86
15	29.75	-5.9	WNW	10	85
16	29.79	-6.9	NW	8.9	84
17	29.83	-7.2	NW	10.9	84
18	29.86	-7.3	NW	8	83
19	29.88	-9.1	NNW	10	81
20	29.9	-9.5	NNW	9.8	80
21	29.9	-9.3	NW	11.4	80
22	29.92	-9.3	NW	8.2	80
23	29.94	-11.2	NNW	5.8	78
<u>Avg</u>	<u>29.633</u>	<u>-6.829</u>		<u>12.213</u>	<u>84.042</u>

Weather Data for
30-Nov-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.96	-12.3	WNW	7.6	76
1	29.97	-12.7	NNW	5.3	76
2	29.98	-13.2	WNW	5.3	75
3	29.99	-14.9	NW	5.1	73
4	30	-15.2	WNW	6.2	72
5	30	-15.6	NW	0	71
6	30.02	-15.9	NW	1.7	70
7	30.04	-15.5	W	0	71
8	30.04	-11.8	WNW	0	75
9	30.04	-6.9	N	1.5	81
10	30.06	-2.2	N	5.8	86
11	30.02	0.8	ENE	2.8	88
12	30.01	1.2	W	0	81
13	29.99	-1.9	W	4	74
14	29.99	-2.4	SSW	0	72
15	29.97	-6.2	ENE	4.2	72
16	29.97	-7.2	ENE	5.3	75
17	29.98	-7.3	ENE	4.9	77
18	29.98	-7.5	E	7.3	76
19	29.98	-7.6	E	5.3	75
20	29.97	-8	E	5.8	76
21	29.98	-7.8	E	2	79
22	29.96	-7.7	ENE	4	79
23	29.97	-7.6	E	0	80
<u>Avg</u>	<u>29.995</u>	<u>-8.558</u>		<u>3.504</u>	<u>76.250</u>

Weather Data for
1-Dec-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.96	-7.5	NE	6.2	80
1	29.95	-8.3	NNE	10.5	79
2	29.94	-8.6	NE	8	79
3	29.95	-8.8	NNE	6.2	79
4	29.96	-8.9	N	6	78
5	29.98	-9.2	N	13.1	78
6	29.99	-9.2	N	14.5	78
7	30	-9.7	N	8.2	77
8	30.02	-9.5	N	9.1	75
9	30.05	-6.8	NNW	8.5	63
10	30.07	-5.2	NNW	12.9	53
11	30.09	-4.5	NW	9.6	52
12	30.07	-3.1	NNW	7.6	47
13	30.06	-2.2	NNW	8.2	45
14	30.07	-3.9	NW	9.1	41
15	30.1	-6.5	NW	10.2	43
16	30.11	-11	NW	10	48
17	30.14	-13.1	NW	8.2	55
18	30.14	-15.3	NW	6	55
19	30.15	-17.9	NW	1.3	55
20	30.13	-18.8	NNW	2.6	56
21	30.12	-18.5	NNW	4.2	58
22	30.12	-18.8	N	2.9	59
23	30.14	-18.7	N	2.9	60
<u>Avg</u>	<u>30.055</u>	<u>-10.167</u>		<u>7.750</u>	<u>62.208</u>

Weather Data for
2-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.14	-18.5	WNW	1.7	60
1	30.15	-19.5	NW	0	60
2	30.17	-18.5	NNW	2.5	61
3	30.16	-19.3	N	2	59
4	30.16	-20.6	N	5.5	57
5	30.15	-20.9	NNW	0	57
6	30.16	-21.8	N	4.2	56
7	30.16	-21.6	N	6.2	57
8	30.17	-17.9	NNW	0	62
9	30.16	-12.5	N	3.5	57
10	30.15	-11.2	N	0	47
11	30.13	-8.5	N	0	48
12	30.12	-8.6	NNW	0	43
13	30.06	-8.9	NE	1.1	43
14	30.07	-8.3	NE	0	44
15	30.06	-10.9	ENE	0	48
16	30.06	-12.5	ESE	0	55
17	30.06	-12.9	ESE	2.9	58
18	30.05	-13.1	E	6	61
19	30.03	-12.9	E	1.5	64
20	30.01	-12.7	ENE	5.5	65
21	30.02	-12.4	SE	4.2	66
22	30.02	-12.2	SE	5	67
23	30.03	-11.9	SE	0	68
<u>Avg</u>	<u>30.102</u>	<u>-14.504</u>		<u>2.158</u>	<u>56.792</u>

Weather Data for
3-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.01	-11.6	E	0	68
1	29.99	-11.5	ENE	4.4	69
2	29.99	-11.2	ENE	6	70
3	29.96	-10.9	ESE	7.8	70
4	29.94	-10.7	SE	10.9	71
5	29.93	-10.5	SE	12.3	71
6	29.93	-10.4	SE	9.1	71
7	29.93	-9.9	ESE	9.3	71
8	29.92	-9.5	SE	11.6	72
9	29.93	-8.4	ENE	3.1	70
10	29.9	-7.9	E	10	70
11	29.86	-7.9	SE	8.5	70
12	29.87	-7.4	NE	6.2	70
13	29.83	-6.5	E	8	70
14	29.83	-6.8	ENE	6.7	68
15	29.85	-7.4	ENE	7.6	69
16	29.85	-8.2	NE	0	70
17	29.85	-9.2	NE	6	71
18	29.87	-9.6	NNE	6.4	72
19	29.89	-9.9	NE	6	72
20	29.89	-9.6	NNE	6	72
21	29.9	-9.5	NNE	8.7	72
22	29.9	-9.5	NNE	6	72
23	29.93	-9.6	NNW	6.2	72
<u>Avg</u>	<u>29.906</u>	<u>-9.317</u>		<u>6.950</u>	<u>70.542</u>

Weather Data for
4-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.95	-9.7	N	8	71
1	29.96	-9.9	N	6	71
2	29.98	-10.3	N	6.2	70
3	29.99	-10.9	NNW	7.8	70
4	30	-11.8	N	8	69
5	30.02	-15.8	N	6.9	66
6	30.04	-17.1	N	7.1	66
7	30.08	-18.9	NNW	8.7	62
8	30.11	-16.9	N	5.8	65
9	30.14	-12.6	NNE	4.4	59
10	30.15	-7.1	N	6.4	45
11	30.15	-4.1	NNW	4.6	35
12	30.16	-4.5	NW	6.9	19
13	30.15	-6.8	NW	9.6	20
14	30.14	-7.8	NW	3.3	19
15	30.16	-9.8	NW	8.7	19
16	30.18	-16.4	NW	6.4	39
17	30.19	-20.7	NNW	2.2	44
18	30.19	-21.9	N	2	45
19	30.2	-23.2	WNW	0	46
20	30.2	-23.7	WNW	0	48
21	30.2	-24.2	NW	4	48
22	30.21	-24.2	NW	4	47
23	30.2	-24.6	NW	2.6	48
<u>Avg</u>	<u>30.115</u>	<u>-14.704</u>		<u>5.400</u>	<u>49.625</u>

Weather Data for
5-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.21	-25.6	NW	5	46
1	30.2	-25.5	NW	3	46
2	30.2	-25.8	W	2	46
3	30.2	-27.8	W	3	44
4	30.19	-27.3	SW	5	45
5	30.18	-29.2	SW	3	41
6	30.17	-27.6	W	3	44
7	30.15	-27.8	WSW	2	44
8	30.14	-24.8	SW	2	49
9	30.14	-18.7	SW	3	55
10	30.14	-15.8	W	8	36
11	30.13	-13.3	W	6	19
12	30.1	-12.9	WNW	4.6	19
13	30.07	-12.6	WNW	4.4	19
14	30.06	-12.2	W	3.3	19
15	30.05	-15.3	WNW	5	19
16	30.06	-19	WNW	1	31
17	30.06	-20.9	WNW	0	40
18	30.05	-20.8	WNW	0	45
19	30.07	-19.1	ESE	0	50
20	30.05	-18.9	NE	4	52
21	30.06	-18.6	ENE	3.3	53
22	30.06	-18.5	NE	4.6	54
23	30.06	-18.5	NE	3.8	55
Avg	30.117	-20.688		3.292	40.458

Weather Data for
6-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.06	-18.3	NE	3.3	55
1	30.06	-18.1	NE	2.2	56
2	30.06	-17.9	NE	5.1	57
3	30.08	-17.7	NNE	3.8	58
4	30.1	-17.9	N	5.8	58
5	30.11	-18.2	NNW	5.5	57
6	30.13	-18.5	NNW	5.3	56
7	30.14	-18.8	NNW	4	56
8	30.18	-18.8	WNW	5.8	55
9	30.2	-16.6	NW	5.1	46
10	30.23	-14.8	NW	4	19
11	30.24	-13.9	WNW	8.7	19
12	30.24	-14.6	WNW	6.2	19
13	30.22	-14.3	WNW	4.6	19
14	30.22	-15.5	W	4.6	19
15	30.24	-16.7	WNW	6.2	19
16	30.25	-20.8	NW	4.9	19
17	30.28	-24.1	NW	6.2	35
18	30.29	-24.6	NW	5.5	42
19	30.32	-25.5	WNW	8	44
20	30.33	-25.6	NW	4	45
21	30.35	-26.9	WSW	7	43
22	30.36	-27.2	WSW	3	43
23	30.38	-27.4	NNW	6	43
<u>Avg</u>	<u>30.211</u>	<u>-19.696</u>		<u>5.200</u>	<u>40.917</u>

Weather Data for
7-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.4	-28.1	WNW	7	41
1	60.42	-27.9	WNW	2	41
2	60.42	-28.1	WNW	0	41
3	60.43	-28.2	NW	0	42
4	30.46	-28.2	WNW	0	42
5	60.47	-28.8	NNW	2	40
6	30.49	-28.6	NW	5	40
7	30.5	-28.3	NNE	3	41
8	30.51	-25.3	NNE	0	46
9	30.53	-18.3	NNE	4	52
10	30.56	-15.6	W	0	19
11	30.55	-13.2	WNW	1	19
12	30.55	-14.3	WNW	4	19
13	30.55	-14.2	NW	4	19
14	30.53	-14	N	3	19
15	30.53	-15.8	NW	5	19
16	30.54	-20.7	NNE	4	19
17	30.53	-21.8	NE	4.9	34
18	30.54	-22.5	NE	0	40
19	30.55	-22.2	NE	0	45
20	30.54	-23.2	NW	0	45
21	30.54	-23.9	NW	0	44
22	30.54	-21.6	NW	0	48
23	30.52	-19.2	ENE	3.8	52
<u>Avg</u>	<u>35.508</u>	<u>-22.167</u>		<u>2.196</u>	<u>36.125</u>

Weather Data for
8-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.5	-18.3	E	0	53
1	30.48	-17.6	ESE	7.6	55
2	30.45	-17.2	ESE	6.7	56
3	30.43	-17	E	3.8	57
4	30.42	-16.5	SE	2.2	58
5	30.4	-16	ESE	2	59
6	30.38	-15.9	E	1.1	60
7	30.37	-15.6	ESE	3.8	60
8	30.34	-14.9	E	5.3	61
9	30.31	-13.8	E	7.8	62
10	30.29	-11.9	E	8.2	63
11	30.24	-9.8	ESE	6.4	60
12	30.21	-8.9	ESE	2	56
13	30.17	-9.1	ESE	3.1	56
14	30.15	-8.6	ENE	2.6	57
15	30.14	-9.2	NE	0	55
16	30.15	-11.4	NNW	0	57
17	30.16	-13.6	NNW	2	62
18	30.15	-17.5	NNW	2	60
19	30.17	-19.4	NNW	2	59
20	30.18	-20.1	NNW	3	58
21	30.19	-21.3	NNW	3	56
22	30.2	-23.4	NNW	7	57
23	30.22	-21.8	NW	6	56
<u>Avg</u>	<u>30.279</u>	<u>-15.367</u>		<u>3.650</u>	<u>58.042</u>

Weather Data for
9-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.24	-23.4	WNW	6	53
1	30.24	-21.8	W	5	55
2	30.27	-21.1	NW	4	55
3	30.26	-21.9	W	3	54
4	30.26	-23.6	W	2	52
5	30.25	-24.7	SW	2	50
6	30.27	-25.6	WSW	7	49
7	30.27	-25.2	SSW	16	49
8	30.26	-23.2	SSW	9	52
9	30.25	-18.9	SSW	5	59
10	30.22	-15.3	SSW	6	57
11	30.18	-10.5	SW	9	45
12	30.13	-10.3	SW	11.8	45
13	30.11	-7.2	WSW	6.4	38
14	30.09	-7	SW	7.6	30
15	30.06	-7.7	SW	9.1	36
16	30.04	-10.5	SW	8.9	42
17	30.04	-11.5	WSW	9.6	50
18	30.02	-9.8	WSW	8.9	52
19	30	-9.2	WSW	8.5	53
20	29.97	-10.3	WSW	14	50
21	29.94	-11.8	SW	10.7	51
22	29.93	-13.3	SW	4.6	50
23	29.89	-15.3	SSW	12	52
<u>Avg</u>	<u>30.133</u>	<u>-15.796</u>		<u>7.754</u>	<u>49.125</u>

Weather Data for
10-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.85	-13.8	SW	13.4	55
1	29.85	-11.2	SW	14.3	56
2	29.79	-9.6	WSW	5.1	56
3	29.74	-9.3	WSW	10.2	55
4	29.7	-8.8	SW	8	56
5	29.65	-9.3	WSW	12	56
6	29.65	-9.2	WSW	11.6	55
7	29.62	-8.2	SW	12.5	55
8	29.61	-7.3	WSW	8.2	55
9	29.59	-5.8	W	10.5	57
10	29.58	-3.3	W	8.7	60
11	29.55	-1.6	W	6	62
12	29.53	-0.9	W	8.2	78
13	29.52	0	W	9.8	84
14	29.53	0.9	NW	8.7	87
15	29.56	0.3	NNW	8	86
16	29.58	0.1	NNW	10.5	86
17	29.61	0.1	NNW	23.2	82
18	29.64	-0.6	NNW	8.5	76
19	29.65	-0.3	NW	20.1	79
20	29.65	0.4	WNW	14.5	80
21	29.63	0.5	WNW	17.6	82
22	29.64	0.5	NNW	12.7	81
23	29.67	-0.2	NW	14.3	76
<u>Avg</u>	<u>29.641</u>	<u>-4.025</u>		<u>11.525</u>	<u>68.958</u>

Weather Data for
11-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.67	-1.5	NW	11.4	73
1	29.66	-1.9	NNW	13.6	73
2	29.71	-1.8	N	11.6	73
3	29.71	-1.9	N	12.3	72
4	29.7	-3.3	NNW	9.1	74
5	29.73	-4.8	N	10.5	72
6	29.75	-7.9	N	5.5	67
7	29.75	-9.6	N	6	66
8	29.77	-10.3	N	6.7	65
9	29.77	-6.6	N	7.1	52
10	29.77	-5.3	NNW	6	45
11	29.75	-2.9	NNW	6	42
12	29.73	-2.9	NW	0	38
13	29.71	-2.8	WNW	0	42
14	29.7	-4.1	WNW	0	51
15	29.7	-4.8	WNW	0	55
16	29.71	-7	WSW	0	64
17	29.71	-7.8	E	0	67
18	29.72	-7.6	E	0	69
19	29.72	-7.6	SE	0	70
20	29.72	-7.6	ESE	0	70
21	29.73	-7.6	SSE	0	70
22	29.74	-7.7	SE	2.4	70
23	29.75	-7.8	ESE	2.4	69
<u>Avg</u>	<u>29.724</u>	<u>-5.546</u>		<u>4.608</u>	<u>62.875</u>

Weather Data for
12-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.75	-7.8	E	5.8	69
1	29.77	-7.7	SE	0	68
2	29.79	-7.8	NE	4.9	68
3	29.79	-8	E	0	68
4	29.8	-8.1	ESE	0	69
5	29.81	-7.9	ESE	0	70
6	29.85	-7.8	ENE	0	70
7	29.88	-7.7	NE	0	71
8	29.91	-6.7	NE	0	71
9	29.93	-5.6	NNE	0	67
10	29.93	-3.8	W	3.3	59
11	29.93	-4.1	W	3.3	63
12	29.93	-1.6	W	0	60
13	29.92	-0.1	W	3.8	61
14	29.93	0.2	NNW	4.9	67
15	29.95	-0.1	N	8	67
16	29.97	-1.4	NNW	5.3	72
17	29.97	-1.9	NW	0	75
18	29.99	-1.9	NNW	2	76
19	30.01	-1.1	NNW	5.1	70
20	30.01	-2.3	NW	4.6	72
21	30.01	-3.4	NNW	6.2	72
22	30.01	-7.7	N	0	70
23	30.03	-6.9	N	0	73
<u>Avg</u>	<u>29.911</u>	<u>-4.633</u>		<u>2.383</u>	<u>68.667</u>

Weather Data for
13-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.03	-5.9	WSW	0	76
1	30.03	-5.8	WSW	0	76
2	30.03	-4.9	WSW	0	77
3	30.03	-4.2	WSW	0	78
4	30.01	-3.4	SE	3.1	79
5	30.02	-3.6	SSE	1.3	80
6	30.03	-3.6	S	5.1	81
7	30.03	-3.7	S	8.7	82
8	30.02	-3.2	S	9.3	82
9	30.03	-2.9	S	9.1	78
10	30.03	-1.5	SSE	11.8	65
11	29.99	-0.9	SSE	6	62
12	29.95	0.7	SSE	10.5	57
13	29.91	0.1	SSE	15.2	61
14	29.9	0.5	SE	6	62
15	29.9	-1.1	SSE	6	66
16	29.88	-1.9	SE	15.2	70
17	29.87	-1.9	SSE	18.3	73
18	29.87	-1.9	SE	15.2	75
19	29.86	-1.8	SE	6.2	76
20	29.85	-1.5	SE	6.2	77
21	29.84	-1.3	SSE	10.2	77
22	29.84	-1.6	SE	8	77
23	29.83	-2.2	SE	17.2	80
<u>Avg</u>	<u>29.949</u>	<u>-2.396</u>		<u>7.858</u>	<u>73.625</u>

Weather Data for
14-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.78	-2.5	SE	16.3	82
1	29.76	-2.8	ESE	15.4	83
2	29.74	-3.1	SE	18.7	83
3	29.71	-2.6	SE	12	84
4	29.69	-2.3	SE	3.8	84
5	29.67	-1.5	SE	8	85
6	29.65	-1.2	SSE	12.9	86
7	29.65	-1.3	SSE	11.4	86
8	29.65	-0.8	SSE	13.6	87
9	29.64	-0.3	S	9.1	88
10	29.65	-0.2	SSW	14.3	88
11	29.63	0.1	SW	6	88
12	29.62	1.8	W	5.5	84
13	29.62	1.9	W	5.1	76
14	29.64	1.7	WNW	4.4	76
15	29.66	0.9	WNW	9.3	76
16	29.67	0.3	W	5.8	81
17	29.68	0.1	W	7.1	83
18	29.69	0.4	WNW	6.4	83
19	29.68	0	WNW	7.8	81
20	29.68	0.2	WNW	4.6	82
21	29.68	0.7	WSW	9.6	79
22	29.69	0.4	WSW	8.7	79
23	29.69	0.3	WSW	9.1	80
<u>Avg</u>	<u>29.676</u>	<u>-0.408</u>		<u>9.371</u>	<u>82.667</u>

Weather Data for
15-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.68	0.1	W	4.6	82
1	29.68	0.1	WSW	8.9	81
2	29.67	-1.4	WNW	7.1	72
3	29.66	-1.9	NW	8.5	67
4	29.64	-3.1	NW	2	68
5	29.64	-3.9	W	3.1	72
6	29.63	-4.2	SSW	2.9	73
7	29.63	-4.2	WNW	1.1	74
8	29.64	-4.8	N	7.6	67
9	29.64	-4.3	NNW	4.4	69
10	29.64	-3.9	NNW	2.9	72
11	29.62	-3.2	NW	4.6	65
12	29.61	-2.9	WNW	5.8	57
13	29.61	-3.9	NW	9.1	57
14	29.62	-5.3	NNW	6.4	60
15	29.64	-6.3	WNW	6.9	64
16	29.64	-7.9	WNW	5.8	71
17	29.66	-8.3	WNW	8.9	73
18	29.66	-8.7	WNW	5.3	73
19	29.65	-9.9	WNW	5.1	72
20	29.64	-9.5	WNW	6.9	74
21	29.64	-8.8	W	6.2	75
22	29.64	-8.6	WNW	12.3	75
23	29.64	-9.5	W	6	74
<u>Avg</u>	<u>29.643</u>	<u>-5.179</u>		<u>5.933</u>	<u>70.292</u>

Weather Data for
16-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.64	-9.3	W	6.2	75
1	29.64	-8.9	WNW	12.3	76
2	29.64	-8.9	WNW	6.4	76
3	29.65	-9.3	WNW	12.5	75
4	29.65	-9.8	WNW	6	74
5	29.68	-9.9	NW	7.1	74
6	29.7	-10.6	WNW	14.5	73
7	29.72	-12.2	WNW	6	72
8	29.74	-10.6	NW	19.4	73
9	29.78	-9.7	NW	16.3	75
10	29.81	-8.8	WNW	13.8	76
11	29.83	-8.2	WNW	16.7	76
12	29.85	-7.6	WNW	18.3	76
13	29.88	-8.9	WNW	15.4	73
14	29.9	-8.9	WNW	11.1	73
15	29.93	-9.7	WNW	9.8	71
16	29.96	-10.5	WNW	12	70
17	29.98	-10.8	WNW	10.9	71
18	30.01	-11.2	WNW	10.7	71
19	30.03	-11.1	WNW	9.1	71
20	30.06	-13.5	WNW	6	67
21	30.07	-15.9	NW	6.2	65
22	30.1	-16.3	NW	7.1	65
23	30.12	-16.9	WNW	5.5	64
<u>Avg</u>	<u>29.849</u>	<u>-10.729</u>		<u>10.804</u>	<u>72.167</u>

Weather Data for
17-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.13	-17.5	NW	7.1	63
1	30.16	-18.9	W	0	61
2	30.17	-20.5	WNW	2	59
3	30.19	-20.2	WNW	5.3	59
4	30.22	-20.2	W	0	59
5	30.23	-20.9	WNW	6	58
6	30.27	-21.3	W	0	58
7	30.28	-21.6	WNW	4	57
8	30.31	-19.5	WNW	3.8	60
9	30.33	-17.3	WNW	6.2	64
10	30.34	-10.9	NW	4.9	72
11	30.35	-9.9	WNW	6	72
12	30.35	-8.9	WNW	7.1	70
13	30.35	-8.6	WNW	6.9	68
14	30.35	-9.1	WNW	6.4	63
15	30.37	-10	WNW	6.9	64
16	30.38	-15.2	WNW	4.4	60
17	30.41	-19.5	WNW	0	56
18	30.42	-20.2	WNW	0.6	56
19	30.44	-21.4	WNW	0	55
20	30.44	-22.2	WNW	1.3	54
21	30.46	-22.9	WNW	4	53
22	30.47	-22.4	WNW	6.2	55
23	30.47	-20.8	NW	6	57
<u>Avg</u>	<u>30.329</u>	<u>-17.496</u>		<u>3.963</u>	<u>60.542</u>

Weather Data for
18-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.48	-20.4	NW	6.2	57
1	30.49	-20.6	NW	5.3	57
2	30.51	-19.5	NW	4.9	58
3	30.49	-20.1	NNW	5.5	57
4	30.5	-20.5	NW	4.2	57
5	30.51	-22.2	NW	5.1	55
6	30.52	-22.2	WNW	0	55
7	30.54	-22.7	SW	0	55
8	30.55	-21.6	SW	0	56
9	30.57	-15.5	WNW	4.6	60
10	30.57	-13.3	NNW	5.5	57
11	30.55	-11.8	NW	8.5	54
12	30.55	-10.5	NW	6.2	52
13	30.53	-9.6	WNW	5.3	51
14	30.53	-11.3	WNW	8.7	41
15	30.53	-13.1	WNW	4.6	41
16	30.54	-17.5	NW	5.3	42
17	30.54	-19.3	WNW	6.9	50
18	30.54	-20.6	NW	7.1	52
19	30.54	-21.2	NW	6.2	53
20	30.53	-20.6	NW	9.8	55
21	30.52	-21.6	WNW	6	54
22	30.52	-23.2	NNW	5.8	52
23	30.52	-21.9	NW	6.4	54
<u>Avg</u>	<u>31.778</u>	<u>-18.367</u>		<u>5.338</u>	<u>53.125</u>

Weather Data for
19-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.51	-23.2	NW	5.3	53
1	30.5	-22.9	NNW	5.1	53
2	30.49	-24.2	NNW	3.8	51
3	30.48	-25.7	N	0	49
4	30.47	-26.2	W	0	48
5	30.47	-27.1	WNW	0	47
6	30.47	-26.8	WNW	0	47
7	30.47	-26.7	NW	0	47
8	30.47	-25.1	WNW	0	50
9	30.48	-18.5	WNW	3.1	51
10	30.48	-15.9	WNW	2.9	29
11	30.45	-12.7	WNW	5.8	19
12	30.43	-10.7	W	3.5	19
13	30.4	-8.9	W	2.9	19
14	30.37	-8.8	W	4.6	19
15	30.36	-9.7	WSW	4	19
16	30.33	-15.3	SSW	3.1	33
17	30.32	-17.2	SW	6.7	50
18	30.31	-17.6	SW	4	54
19	30.3	-17.6	SW	4	56
20	30.28	-17.5	SW	5.5	58
21	30.27	-17.2	SW	5.5	59
22	30.25	-16.4	SW	5.1	60
23	30.24	-15	SW	6.9	61
<u>Avg</u>	<u>30.400</u>	<u>-18.621</u>		<u>3.408</u>	<u>43.792</u>

Weather Data for
20-Dec-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	30.23	-15.5	SW	6.2	60
1	30.23	-15.5	WSW	4.6	61
2	30.22	-15.1	W	5.8	64
3	30.22	-14.9	W	2	66
4	30.2	-14.8	W	2.9	67
5	30.19	-14.3	W	5.8	67
6	30.2	14.4	W	4.9	67
7	30.2	-14.5	WNW	6.2	67
8	30.2	-13.6	WNW	7.3	68
9	30.22	-9.9	WNW	4.9	59
10	30.22	-7.1	W	4.9	45
11	30.21	-5.8	NW	4.4	41
12	30.19	-4.1	NW	6.7	36
13	30.17	-4.2	NNW	4.2	33
14	30.17	-5.1	WNW	6.2	30
15	30.18	-7.1	NW	4.4	36
16	30.18	-12.2	NW	0	41
17	30.18	-17.2	NNW	0	43
18	30.19	-18.3	NW	4.2	46
19	30.2	-18.8	NW	0	50
20	30.18	-18.9	W	0	52
21	30.17	-19.3	W	0	52
22	30.16	-20.5	NNW	0	51
23	30.16	-18.9	NNW	0	55
<u>Avg</u>	<u>30.195</u>	<u>-12.133</u>		<u>3.567</u>	<u>52.375</u>

Weather Data for
21-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	30.14	-20.2	W	0	53
1	30.14	-21.6	W	0	52
2	30.13	-22.1	W	0	52
3	30.11	-22.2	W	0	51
4	30.09	-21.4	WSW	0	53
5	30.1	-21.8	WSW	0	53
6	30.11	-20.9	WSW	0	53
7	30.11	-20.3	WSW	0	54
8	30.13	-18.9	WSW	0	55
9	30.14	-10.3	WSW	0	65
10	30.15	-9.2	SW	0	43
11	30.13	-1.8	WSW	0	34
12	30.12	1.4	WSW	0	19
13	30.11	-1.1	WNW	1.5	19
14	30.11	-1.4	NNW	0	19
15	30.11	-1.1	W	0	19
16	30.11	-8.6	W	0	23
17	30.09	-13.9	S	5.8	49
18	30.08	-16.2	SSE	0	49
19	30.09	-18	SSE	0	46
20	30.08	-16	SSE	2.6	52
21	30.07	-12.7	SSE	5.5	63
22	30.03	-13.4	S	9.1	64
23	30.02	-13.9	SSW	8	65
<u>Avg</u>	<u>30.104</u>	<u>-13.567</u>		<u>1.354</u>	<u>46.042</u>

Weather Data for
22-Dec-05

Hour	Pressure [inches Hg]	Temperature °C	Wind Direction	Wind Speed [mph]	% Relative Humidity
0	29.98	-12.5	SSW	6.7	67
1	29.96	-9.9	SW	6.7	70
2	29.91	-9	SW	14	72
3	29.91	-8.2	SW	6	74
4	29.88	-7.7	SW	8.5	75
5	29.86	-7.2	SW	11.4	76
6	29.83	-6.1	WSW	9.3	77
7	29.83	-5.9	SW	10	75
8	29.83	-3.9	SW	10.7	76
9	29.83	-1.9	SW	11.8	71
10	29.8	0.8	WSW	10.7	64
11	29.77	1.8	SW	8.5	63
12	29.75	3.7	S	6.9	59
13	29.72	3.7	S	10.7	59
14	29.72	3.2	SSW	15.2	63
15	29.7	3.3	SSW	9.1	66
16	29.69	2.6	S	6.9	65
17	29.68	1.4	S	6.2	73
18	29.67	1.4	S	10	73
19	29.67	1.9	SSW	9.3	73
20	29.66	1.8	S	7.6	72
21	29.64	1	S	8.2	74
22	29.62	1.5	S	10.5	74
23	29.59	1.6	SSW	8.7	75
<u>Avg</u>	<u>29.771</u>	<u>-1.775</u>		<u>9.317</u>	<u>70.250</u>

Weather Data for
23-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.58	2.2	SW	6	75
1	29.57	2.3	SW	6	75
2	29.58	1.1	WSW	4.9	78
3	29.58	0.4	SW	5.5	80
4	29.56	0.2	SW	0	81
5	29.57	-0.5	WSW	0	82
6	29.57	-2.2	WSW	0	82
7	29.59	-3.2	WNW	2	82
8	29.6	-2.5	W	0	83
9	29.6	3.3	SW	0	81
10	29.61	8.9	W	0	48
11	29.61	9.1	W	0	48
12	29.58	8.8	W	0	46
13	29.57	4.4	W	1.5	60
14	29.57	3.4	SSW	5.3	61
15	29.57	3.2	SW	3.5	66
16	29.58	1.2	SW	5.8	72
17	29.61	0.6	WSW	3.1	76
18	29.61	0.8	SSW	3.8	79
19	29.62	1.4	SW	4.4	79
20	29.62	1.9	WSW	3.1	79
21	29.61	2.2	NE	4.4	78
22	29.59	2.4	NE	6	78
23	29.58	2.3	NNE	0	78
<u>Avg</u>	<u>29.589</u>	<u>2.154</u>		<u>2.721</u>	<u>72.792</u>

Weather Data for
24-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.58	1.1	SSE	5.8	80
1	29.59	1.1	S	2.4	80
2	29.59	0.8	S	0	81
3	29.6	0.5	N	5.1	82
4	29.6	1.1	N	3.8	84
5	29.6	0.8	NNE	10.2	83
6	29.62	0.6	NE	6.2	83
7	29.63	0.7	ENE	5.8	82
8	29.65	0.9	NNE	5.1	81
9	29.67	1.6	N	7.8	78
10	29.69	2.3	NNE	7.3	75
11	29.68	2.5	NE	9.1	71
12	29.67	2.1	NNE	10.2	76
13	29.66	1.2	NNE	7.1	77
14	29.67	1.2	NNW	11.6	79
15	29.69	0.6	NNW	7.8	81
16	29.71	0.5	N	11.8	83
17	29.73	0.3	NNW	10.9	84
18	29.75	0.4	N	7.6	86
19	29.74	0.3	N	9.1	86
20	29.73	0.3	N	9.1	86
21	29.76	0.4	N	7.1	86
22	29.75	0.3	N	7.1	86
23	29.74	0.2	NNE	5.1	86
<u>Avg</u>	<u>29.671</u>	<u>0.908</u>		<u>7.213</u>	<u>81.500</u>

Weather Data for
25-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.74	0.3	N	6	86
1	29.74	0.4	N	5.3	86
2	29.75	0.2	N	5.1	86
3	29.75	0.2	N	6.4	86
4	29.75	0.1	NNE	6	86
5	29.76	0	N	8.2	86
6	29.76	-0.1	NNE	6.7	86
7	29.77	-0.1	NNE	6.9	85
8	29.79	0.2	NNE	6.4	81
9	29.8	1.2	NNE	8.5	76
10	29.81	2.3	NNE	7.6	71
11	29.78	1.7	NNW	11.1	72
12	29.75	1.7	N	4.6	70
13	29.75	1.5	N	6.4	70
14	29.76	0.9	N	8	74
15	29.77	0.5	N	6.9	74
16	29.79	-0.1	N	6.4	77
17	29.8	-0.3	NNE	5.1	78
18	29.82	-0.5	NNE	6.9	77
19	29.83	-0.6	NE	7.8	77
20	29.83	-0.6	NNE	2.4	77
21	29.83	-0.7	NNE	4.4	76
22	29.83	-0.8	N	1.7	77
23	29.83	-0.9	N	0	77
<u>Avg</u>	<u>29.783</u>	<u>0.271</u>		<u>6.033</u>	<u>78.792</u>

Weather Data for
26-Dec-05

<u>Hour</u>	<u>Pressure</u> <u>[inches Hg]</u>	<u>Temperature</u> <u>°C</u>	<u>Wind</u> <u>Direction</u>	<u>Wind</u> <u>Speed [mph]</u>	<u>% Relative</u> <u>Humidity</u>
0	29.83	-1	N	0	78
1	29.83	-0.9	WNW	4.6	78
2	29.83	-1.2	W	2.2	78
3	29.83	-1.5	W	0	77
4	29.84	-1.5	W	1.5	78
5	29.84	-1.8	WNW	0	78
6	29.84	-2.2	W	0	79
7	29.83	-2.2	S	0	80
8	29.85	-2.3	SSW	8	81
9	29.85	-2.4	SSW	12.5	80
10	29.85	-2.2	S	11.6	81
11	29.82	-1.9	SSE	9.8	80
12	29.78	-1.9	S	21.2	82
13	29.74	-1.6	SSE	10.5	82
14	29.72	-1.5	S	19	82
15	29.72	-1.4	S	15.4	83
16	29.7	-1.5	SSE	10	84
17	29.69	-1.5	SSE	9.3	85
18	29.7	-1.2	S	9.6	86
19	29.7	-1	S	12.5	87
20	29.71	-0.8	SSW	11.6	88
21	29.69	-0.8	S	7.6	88
22	29.68	-0.7	S	3.8	89
23	29.67	-0.4	SSW	8.5	90
<u>Avg</u>	<u>29.773</u>	<u>-1.475</u>		<u>7.883</u>	<u>82.250</u>

Weather Data for
27-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.65	-0.4	S	7.8	90
1	29.64	-0.3	S	8.9	90
2	29.64	-0.3	SSW	6.9	91
3	29.63	-0.4	SSE	9.8	91
4	29.61	-0.6	SSE	10	91
5	29.6	-0.9	SSE	4.2	91
6	29.59	-1.3	SSE	3.3	91
7	29.59	-1.4	SSE	9.1	91
8	29.59	-1.1	SSE	0	91
9	29.63	-0.6	SSE	0	92
10	29.61	0.2	SSE	2.4	92
11	29.59	0.8	E	4.6	93
12	29.55	1.2	ENE	0	93
13	29.52	0.7	ENE	5	93
14	29.5	0.6	E	3	92
15	29.52	0.1	NE	3	91
16	29.55	-0.5	ENE	4	89
17	29.56	-0.8	NE	0	88
18	29.56	-0.9	ENE	0	88
19	29.59	-0.9	NE	0	89
20	29.57	-0.9	E	0	89
21	29.57	-0.9	NE	0	89
22	29.57	-0.9	NE	0	89
23	29.56	-0.9	NNE	0	89
<u>Avg</u>	<u>29.583</u>	<u>-0.433</u>		<u>3.417</u>	<u>90.542</u>

Weather Data for
28-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.54	-1.2	NNE	7	89
1	29.53	-1.3	NE	0	89
2	29.54	-1.3	NE	10	89
3	29.55	-1.5	NNE	0	89
4	29.55	-1.6	NE	0	89
5	29.54	-1.6	NE	0	88
6	29.57	-1.7	N	0	87
7	29.59	-1.8	NNW	0	87
8	29.59	-1.8	N	0	87
9	29.6	-1.1	NNE	0	85
10	29.61	-0.9	N	0	82
11	29.59	-0.6	N	1	81
12	29.56	-0.6	N	0	80
13	29.57	-0.8	NNW	0	78
14	29.6	-0.6	N	1	78
15	29.6	-0.8	N	0	78
16	29.62	-1.1	NNW	0	80
17	29.63	-1.1	N	0	82
18	29.63	-1.1	NNW	0	82
19	29.64	-0.9	N	0	84
20	29.64	-0.6	N	0	85
21	29.64	-0.5	N	6.4	86
22	29.66	-0.5	NW	11.8	86
23	29.67	-0.6	N	8.5	86
<u>Avg</u>	<u>29.594</u>	<u>-1.067</u>		<u>1.904</u>	<u>84.458</u>

Weather Data for
29-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.67	-0.6	N	8.9	85
1	29.68	-0.7	NNW	6	85
2	29.71	-0.6	N	4.9	85
3	29.7	-0.8	NNW	6.4	84
4	29.7	-0.9	N	8.2	84
5	29.7	-1.2	N	2.4	83
6	29.7	-1.3	NNE	0	83
7	29.72	-1.2	NNE	0	84
8	29.74	-0.4	N	0	84
9	29.78	0.3	W	0	81
10	29.78	0.5	W	0	78
11	29.75	0.8	S	2.4	75
12	29.75	0.8	SSW	5.1	73
13	29.73	0.5	SSE	5.5	74
14	29.73	0.2	S	7.1	76
15	29.72	-0.1	SSE	7.1	77
16	29.72	-0.6	SSE	10	79
17	29.76	-0.7	SSW	8.2	82
18	29.75	-0.6	S	5.8	83
19	29.72	-0.5	SSE	9.6	83
20	29.67	-0.6	SSE	13.1	82
21	29.69	-0.5	SE	12.3	82
22	29.65	-0.5	SSE	13.4	82
23	29.7	-0.4	S	11.8	82
<u>Avg</u>	<u>29.718</u>	<u>-0.379</u>		<u>6.175</u>	<u>81.083</u>

Weather Data for
30-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.65	-0.4	SSE	8.2	82
1	29.64	-0.3	S	12.7	82
2	29.61	-0.3	SE	6.7	83
3	29.58	-0.2	SSE	10.2	83
4	29.58	-0.2	SE	12.7	84
5	29.56	-0.2	S	16.5	84
6	29.53	-0.1	S	13.6	84
7	29.53	-0.1	S	11.6	83
8	29.51	-0.1	S	21.4	84
9	29.52	-0.2	S	18.7	84
10	29.51	-0.1	SSW	14.9	85
11	29.49	0.1	SSW	13.1	86
12	29.45	0.5	SW	3.5	86
13	29.44	1.4	SW	6	84
14	29.44	0.8	W	7.6	79
15	29.45	0.4	WNW	7.1	75
16	29.46	-0.2	W	4.4	77
17	29.45	-0.3	WSW	8.9	80
18	29.44	-0.5	WNW	6	81
19	29.44	-0.8	W	8.7	83
20	29.44	-0.7	W	13.4	84
21	29.47	-0.8	WNW	20.3	84
22	29.49	-0.7	NW	9.1	85
23	29.5	-0.8	NW	14	86
<u>Avg</u>	<u>29.508</u>	<u>-0.158</u>		<u>11.221</u>	<u>82.833</u>

Weather Data for
31-Dec-05

<u>Hour</u>	<u>Pressure [inches Hg]</u>	<u>Temperature °C</u>	<u>Wind Direction</u>	<u>Wind Speed [mph]</u>	<u>% Relative Humidity</u>
0	29.52	-1.1	NW	15.4	86
1	29.53	-1.3	WNW	12.9	86
2	29.56	-1.5	NNW	10	84
3	29.58	-1.5	NW	18.7	82
4	29.59	-1.8	WNW	14.9	81
5	29.63	-2	NNW	11.4	79
6	29.65	-2.2	NW	11.8	78
7	29.66	-2.4	NNW	5.1	78
8	29.7	-2.4	NNW	11.8	76
9	29.72	-2.3	NNW	13.4	75
10	29.76	-1.8	NW	15.4	71
11	29.74	-0.3	WNW	12.7	70
12	29.73	-0.4	N	6.7	68
13	29.72	-0.2	W	4.9	66
14	29.71	-1.3	WNW	4.2	68
15	29.72	-1.8	NW	0	69
16	29.72	-1.6	WNW	0	70
17	29.73	-2.9	SSE	0	72
18	29.73	-2.7	SSE	5.3	75
19	29.72	-3	SSE	3.5	75
20	29.7	-3.7	SSE	8.9	77
21	29.69	-3.8	SE	9.8	78
22	29.7	-3.4	SSE	11.8	78
23	29.72	-2.6	SSE	12.7	78
<u>Avg</u>	<u>29.676</u>	<u>-2.000</u>		<u>9.221</u>	<u>75.833</u>