

Assateague Island National Seashore

Meteorological Monitoring Program

2005 Weather Data Report



Eyewall of Hurricane Katrina

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June, 2006

Abstract

Assateague Island National Seashore (ASIS) continued the operation of three weather data collection stations in Maryland during 2005 as part of its long-term meteorological monitoring program. The Remote Automatic Weather Station (RAWS) continued to be utilized as the Seashore's primary source of weather data. Two additional limited collection stations were maintained as sources of back-up data at ASIS Headquarters and the Assateague Island State Park Headquarters. All data were retrieved on a monthly basis, processed into summary reports, and submitted to the National Weather Service (NWS), the Maryland Department of the Environment (MDE), the Maryland State Climatologist and the Worcester County Environmental Programs. This annual report presents a graphical compilation of RAWS data and documents significant weather events in the 2005 monitoring year at ASIS.

Introduction

Barrier island ecosystems such as that encompassed by Assateague Island National Seashore are continually influenced by meteorological events. Weather drives basic physical processes which shape the coastal environment, and extreme events, such as hurricanes and nor'easters, can dramatically modify the geomorphology and character of the island. Weather phenomena also exert a powerful force over the composition, distribution, and dynamics of the island's diverse biotic communities. In order to document ambient weather conditions and weather-related phenomena, ASIS implemented a formal monitoring program in 1988. This program is intended to provide information that will assist in management decision-making and in better understanding of the Assateague environment. The primary objectives of the ASIS Weather Monitoring Program are to:

1. develop a long term record of climatological conditions on Assateague Island;
2. document meteorological conditions during extreme weather events; and,
3. develop meteorological data for other local/regional monitoring programs.

In 2005, meteorological data were collected at three specific locations within, and just outside, the boundaries of ASIS (Fig. 1). The primary data were collected at the Remote Automatic Weather Station (RAWS). Two limited-capability data collection stations were maintained as sources of backup data to RAWS at ASIS Headquarters and at the Assateague State Park Headquarters field (adjacent to the ASIS housing area on the mainland). Data collection and monitoring parameters vary at each station and are described in the following section.

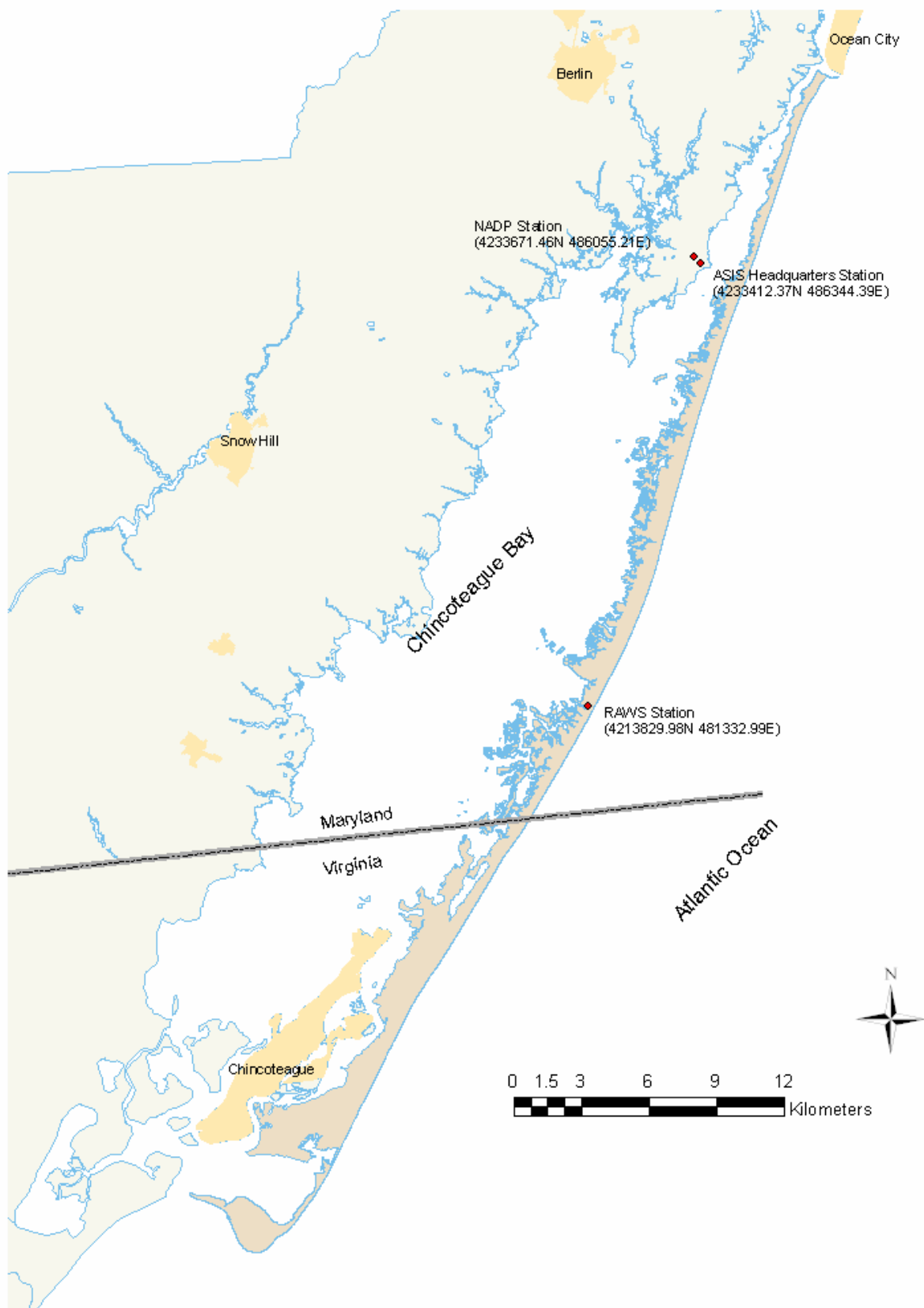


Figure 1. ASIS weather data collection stations

Monitoring Equipment and Methodologies

RAWS

Established on Assateague in late 1991, the RAWS is a Handar, Inc. instrument consisting of a standardized data collection platform configured to Bureau of Land Management – National Interagency Fire Center (BLM–NIFC) specifications for fire weather data collection. The current data collection platform continuously samples and records data for eight meteorological parameters at intervals ranging from 1 second to 1 hour (data collection hours run from 40 minutes past). RAWS data are converted from Greenwich Mean Time (GMT) into a standard of **GMT - 6 hours** – or, effectively, Eastern Standard Time less one hour – year-round. Complete datasets are transmitted to NIFC every 3 hours starting at 01:40 GMT. Table 1 displays the current configurations of the fifteen measurements (or, “channels”) collected by the ASIS RAWS; the *Results and Discussion* section describes data issues related to RAWS configuration.

RAWS data are retrieved over the internet from the Weather Information Management System (WIMS) monthly. These data are then processed and reported to the National Weather Service (NWS) and the Maryland State Climatologist (University of Maryland, College Park, MD) in a standard NOAA monthly report (see Fig. 2). Processed data are saved in a Microsoft Access database under the RAWS subdirectory on the author’s PC hard drive, while a monthly-updated copy of this database is provided in the ASIS Electronic Library. A BLM-NIFC website, <http://www.nifc.blm.gov/nsdu/weather>, provides RAWS data for the previous 90 days, thereby serving as a backup data source to monthly downloads. This site is currently available to all Resource Management Personnel. Routine maintenance, which includes visual inspection of the station on a monthly basis (at the data downloads), and the biannual replacement of all sensors, was performed in 2005. Replacement sensors are supplied by the BLM–NIFC Remote Sensing Support Group Depot Facility, and installed by ASIS personnel.

ASIS Headquarters

Rainfall is monitored at the ASIS Headquarters (HQ) station with a manual, “All-Weather” funnel-and-tube gauge. Rainfall amounts are measured daily at 4:00 PM to the nearest 100th of an inch and recorded on an annual precipitation log maintained in the Resource Management Office. Snowfall is also recorded at this station, and the values are appended to the RAWS database (RAWS does not measure snow), and subsequently listed on the NOAA report. ASIS HQ data are reported to the Maryland Department of the Environment and to the Worcester County Environmental Program for use in evaluating the need for closures within regional shellfish harvest areas. At the end of the year, the original copy of the precipitation record is stored in the ASIS Resource Management data files under RIN 13.02.103, and a digital copy is produced and stored on the author’s PC hard drive.

Assateague State Park/Woodcock Field

In operation since September 2000, a Belfort Universal Recording Rain Gauge is checked weekly within NADP (National Atmospheric Deposition Program) precipitation sample collections. This system provides useful backup data to the HQ gauge as it is situated only one-quarter of a mile further west on State land. An additional benefit of this type of rain gauge is its dual recording function: accumulation is coordinated with the time and duration of the precipitation event on paper charts. Currently, hard copies of the weekly gauge charts are retained for two years per NADP instructions. Precipitation totals (sans event records) and atmospheric deposition data are available on the NADP website <http://nadp.sws.uiuc.edu> (NOTE: there is a 5-6 month lag in data availability).

Parameter	Units	Period of Primary Data Collection	Interval of Primary Data Collection	Total # of Primary Data Collected	Primary Data Processing Function
Rainfall	inches	1 hour	when bucket tips	variable	sums value of tips then logs
Avg. Air Temp.	degrees (F)	1 hour	1 hour	1	logs current value
Max. Air Temp.	degrees (F)	24 hours	5 minutes	288	takes maximum then logs
Min. Air Temp.	degrees (F)	24 hours	5 minutes	288	takes minimum then logs
Avg. Wind Speed	miles/hour	last 10 minutes of each hour	1 second	600	averages then logs
Avg. Wind Direct.	degrees	last 10 minutes of each hour	1 second	600	averages then logs
Max. Wind Gust	miles/hour	1 hour	1 second	3600	takes maximum then logs
Max. Gust Direct.	degrees	1 hour	1 second	3600	selects match to maximum then logs
Barometric Pressure	inches of Hg	1 hour	1 hour	1	logs current value
Relative Humidity	percent	last 10 minutes of each hour	1 second	600	averages then logs
Max Relative Humidity	percent	24 hours	5 minutes	288	takes maximum then logs
Min Relative Humidity	percent	24 hours	5 minutes	288	takes minimum then logs
Fuel Temp.	degrees (F)	1 hour	1 hour	1	logs current value
Fuel Moisture	percent	1 hour	1 hour	1	logs current value
Battery Voltage	volts	1 hour	1 hour	1	logs current value

Table 1. Hourly measures collected by ASIS RAWs.

RECORD OF CLIMATOLOGICAL OBSERVATIONS - submitted to NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION**Month: December Year: 2003**

(In lieu of form B-91)

STATION: Remote Automatic Weather Station, Assateague Island National Seashore, Worcester County, Maryland

STATION NUMBER 180335-1

STATION LOCATION: 4213829.98 N 481332.99 E (UTM Zone 18, NAD-83)

Data are daily summaries of hourly values,
midnight to midnight, Eastern Standard Time.For more information contact: Natural Resources Management
Assateague Island National Seashore
7206 National Seashore Lane
Berlin, MD 21811 (410) 641-1443

Date	Air Temp 24-hour maximum [F]	Air Temp 24-hour minimum [F]	Air Temp 24-hour average [F]	Rain 24-hour increase [inches]	Wind Speed 24-hour average [mph]	Wind Speed 24-hour maximum [mph]	Snow 24-hour increase [inches]
12/1/2003	50	37	49	0.00	8.0	30	
12/2/2003	60	39	39	0.00	9.7	27	
12/3/2003	46	32	32	0.00	6.0	19	
12/4/2003	39	28	37	0.02	3.7	17	
12/5/2003	45	26	47	1.81	22.1	45	
12/6/2003	49	43	34	0.09	11.0	27	
12/7/2003	48	31	32	0.01	10.6	31	
12/8/2003	36	29	34	0.00	4.6	18	
12/9/2003	43	25	38	0.00	2.6	10	
12/10/2003	48	25	50	0.17	11.6	29	
12/11/2003	55	43	50	1.41	18.3	41	
12/12/2003	58	40	39	0.00	6.2	30	
12/13/2003	49	33	35	0.00	7.7	25	
12/14/2003	43	32	46	1.38	20.3	44	
12/15/2003	54	37	40	0.01	13.5	35	
12/16/2003	46	32	41	0.00	5.1	17	
12/17/2003	51	27	46	0.81	12.2	38	
12/18/2003	55	34	36	0.00	10.0	28	
12/19/2003	43	30	34	0.00	6.1	19	
12/20/2003	41	32	35	0.00	6.5	19	
12/21/2003	42	32	36	0.00	8.5	20	
12/22/2003	45	29	43	0.00	7.5	20	
12/23/2003	53	37	48	0.00	8.5	22	
12/24/2003	55	42	49	1.68	9.0	29	
12/25/2003	53	41	40	0.01	8.3	24	
12/26/2003	45	34	38	0.00	10.3	28	
12/27/2003	45	32	40	0.00	5.7	20	
12/28/2003	51	34	40	0.00	3.1	11	
12/29/2003	53	32	43	0.00	5.5	16	
12/30/2003	53	32	49	0.00	8.0	28	
12/31/2003	60	37	42	0.00	5.3	21	
Summary:	60	25	41	7.40	8.9	45	

Figure 2. Sample NOAA/NWS Report

Results and Discussion

Storm Activity

ASIS did not experience any significant storms during 2005, the same as in 2004. While ASIS was not significantly impacted, the Hurricane season in the Atlantic Basin was more active than average and set several records. There were an unprecedented 28 named storms, of which 15 were hurricanes, including 7 major hurricanes (3 or higher on the Saffir-Simpson scale) (NOAA 2006c). A record four category 5 storms formed in a single season (Emily, Katrina, Rita, Wilma) (NOAA 2006a). Four major hurricanes, one hurricane, and two tropical storms made landfall in the United States (NOAA 2005b). The 1944-1996 average is approximately 10 named storms and 6 hurricanes with 2-3 classified as major (NOAA 2004).

The 2005 hurricane season was the most costly on record (\$42 billion) for the US (NOAA 2006a). The cost estimate for 2005 far exceeds total billion dollar disaster years since 1980 (Figure 3, NOAA 2006c). The high cost is due to the high number (3) of major hurricanes affecting the US coast. In particular, Hurricane Katrina is estimated to have produced more than 100 billion dollars in cost. Five hurricanes made landfall in the US and Hurricane Ophelia impacted North Carolina without officially making landfall (Figure 4).

The most costly hurricane of the 2005 season, in lives and monetary damages, was Hurricane Katrina, a category 4 storm at landfall that formed in the southeastern Bahamas on August 23rd. Katrina had the third lowest minimum central pressure on record at landfall (920 mb) in Louisiana, and had the fourth lowest minimum central pressure on record (902 mb) at its peak on August 28th (150 kt winds). Katrina first made landfall on August 25th in South Florida as a category 1 hurricane. After passing over Florida, the storm strengthened in the Gulf of Mexico and made landfall in Louisiana and Mississippi on August 29th. Causing extensive damage and flooding to the affected areas, including New Orleans, Hurricane Katrina caused over 1300 fatalities and over 100 billion dollars in damage (NOAA 2006a). Assateague Island felt little direct impact from Katrina (Figure 5).

Hurricane Ophelia was the only tropical system occurring in geographic proximity to Assateague Island. Ophelia developed on September 7th, east-southeast of Cape Canaveral, FL. On September 11th Ophelia stalled about 235 miles south of Cape Hatteras, NC before brushing the coast near Cape Fear on September 14th as a category 1 hurricane. The storm weakened to a tropical storm on the 16th and passed Assateague Island well off the coast in the Atlantic.

NOAA had forecast 12-15 named tropical storms, with 7-9 becoming hurricanes, and 3-5 major hurricanes for the Atlantic basin. This forecast was based on a continuation of a multi-decadal cycle that has been active since 1995, warmer than normal sea surface temperatures, and a neutral ENSO phase (NOAA 2005a). This is in contrast to 1997 and 2002 when El Niño conditions prevented the formation of any major hurricane.

While affecting the US and ASIS in no way, in October 2005 Hurricane Vince developed in the eastern Atlantic and tracked northeastward. Vince eventually made landfall in Spain as a tropical depression, the first known instance of a tropical cyclone making landfall in Spain (NOAA 2006a).



Billion Dollar U.S. Weather Disasters 1980 - 2005

NOAA/NESDIS/NCDC

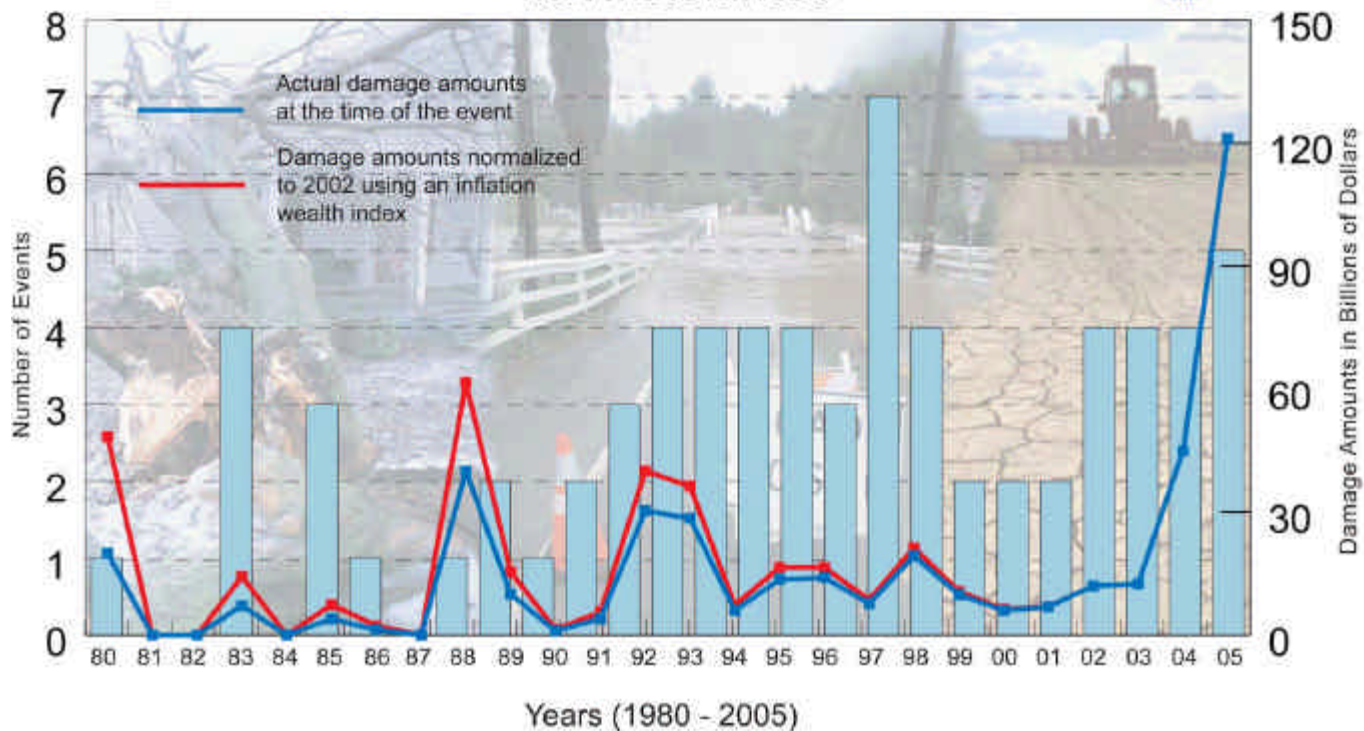


Figure 3. The number and total dollar damage amounts of billion dollar plus weather disasters in the United States since 1980.

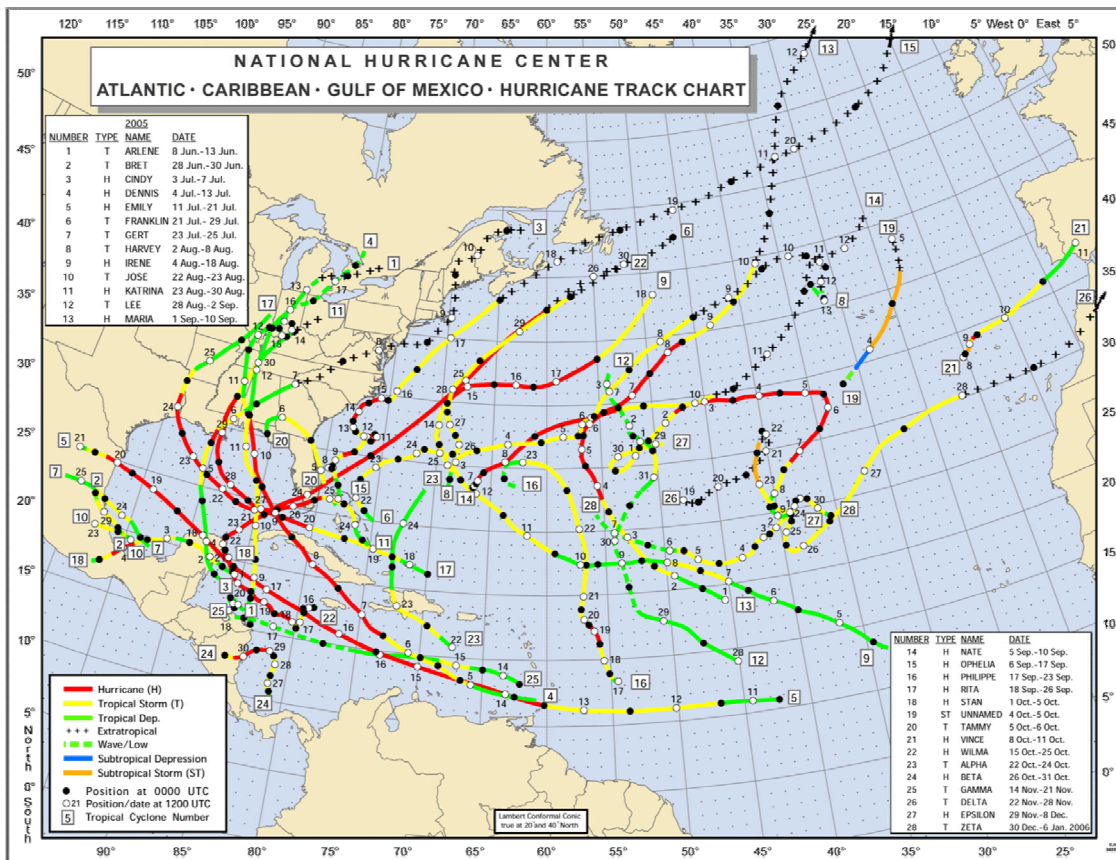


Figure 4. Storm tracks from tropical storms during 2005.



Figure 5. Hurricane Katrina as it makes landfall in Louisiana and Mississippi on August 29th.

Noteworthy Records of the 2005 Atlantic Hurricane Season

Most Numerous

- 28 Named Storms (previous record: 21 in 1933)
- 15 Hurricanes (previous record: 12 in 1969)
- Four major hurricanes hitting the U.S. (previous record: three in 2004)
- Four Category 5 Hurricanes (previous record: two in 1960 and 1961)
- Seven Tropical Storms before August 1 (previous record: five in 1997)
- Two-Year Consecutive Total of Tropical Storms: 42 (previous record: 32 most recently in 1995-96)
- Two-Year Consecutive Total of Hurricanes: 25 (previous record: 21 in 1886-87)
- Two-Year Consecutive Total of Major Hurricanes: 13 (ties record in 1950-51)
- Two-Year Consecutive Major Hurricane Landfalls: Seven (previous record: five in 1954-55)
- Two -Year Consecutive Florida Major Hurricane Landfalls: Five (previous record: three in 1949-50)
- Three-Year Consecutive Total of Tropical Storms: 58 (previous record: 43 most recently in 2002-04)
- Three-Year Consecutive Total of Hurricanes: 30 (previous record: 27 in 1886-88)
- Three-Year Consecutive Total of Major Hurricanes: 16 (ties record in 1949-51 and 1950-52)

Costliest

Hurricane: Katrina (at least \$80 billion) (previous record Andrew, \$26.5 billion – 1992 dollars)

Deadliest

U.S. Hurricane since 1928: Katrina (at least 1,300)

Strongest

- Hurricane in the Atlantic Basin: Wilma 882 millibars (mb) (previous record: Gilbert at 888 mb)
- Three of the six strongest hurricanes on record: Wilma 882 mb (1st), Rita 897 mb (4th), Katrina 902 mb (6th)
- July hurricane: Emily (160 mph top sustained winds) (previous record: Dennis (150 mph) in 2005; Hurricane #1 (140 mph) in 1926)

(NOAA 2006b)

Precipitation and Drought

The overall Maryland average precipitation for 2005 was 44.69 inches, which makes 2005 the 73rd wettest year on record in Maryland (NOAA 2006e). Precipitation records date to 1895. ASIS RAWS received 39.28 inches of precipitation during 2005 (Figure 6). This is below the 1992-2004 average of 43.33 inches of precipitation per year. Similar to precipitation trends statewide, Assateague's annual precipitation for 2005 was near normal. Hydrologic indicators were "Normal" during 2005.

ASIS precipitation was below average during July, August, and September – a change from previous years and reflecting the relatively minor impacts that the extremely active Atlantic hurricane season had on Assateague (Figure 7).

Temperatures

NOAA (NOAA 2006d), determined that 2005 was the 13th warmest year on record for the US. The last five 5-year periods were the warmest 5-year periods on record for the United States as was the past decade. The average national temperature during the 2004-2005 winter season was warmer than average (12th warmest out of 110 years). Spring was near average nationally with much below normal temperatures along the eastern seaboard. Summer was the 17th warmest on record for the US with the Northeast recording the 2nd warmest summer. The fall season was the 4th warmest with all but 3 contiguous states in the Northwest having above average warmth. The 2005 average temperature at ASIS RAWS was 56.92° F, 0.70° F below the 13 year (1992-2004) average temperature of 57.62° F.

RAWS Notes

Sensors were replaced on 05 May, 2005. Solar radiation data is missing from 1440 LST due to temporarily aborted sensor change.

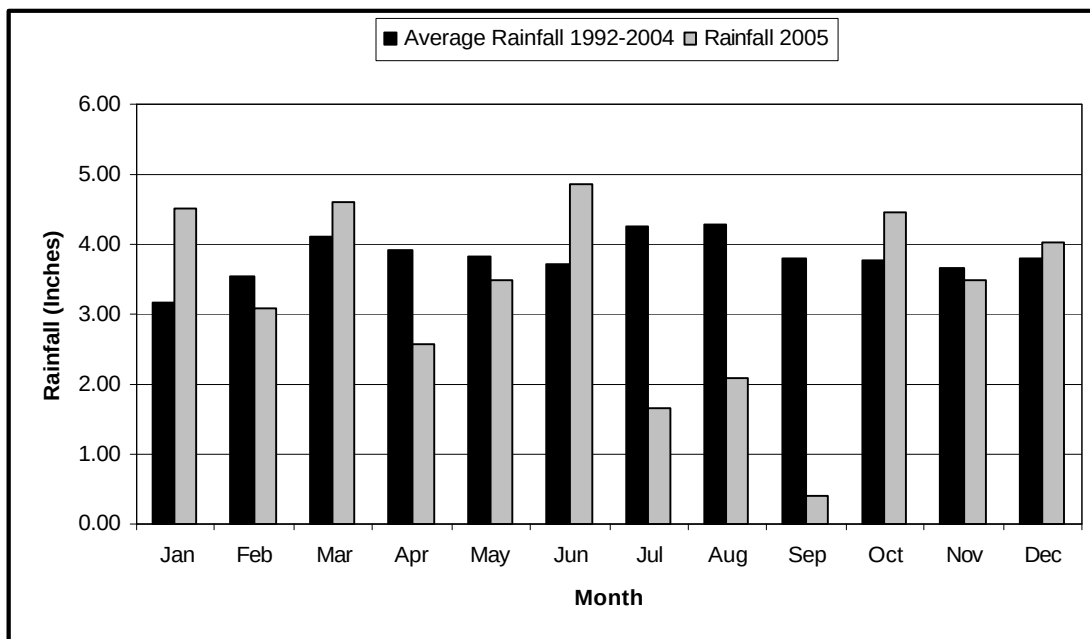


Figure 6. ASIS RAWS monthly rainfall for 2005 compared to average rainfall for the period 1992-2004.

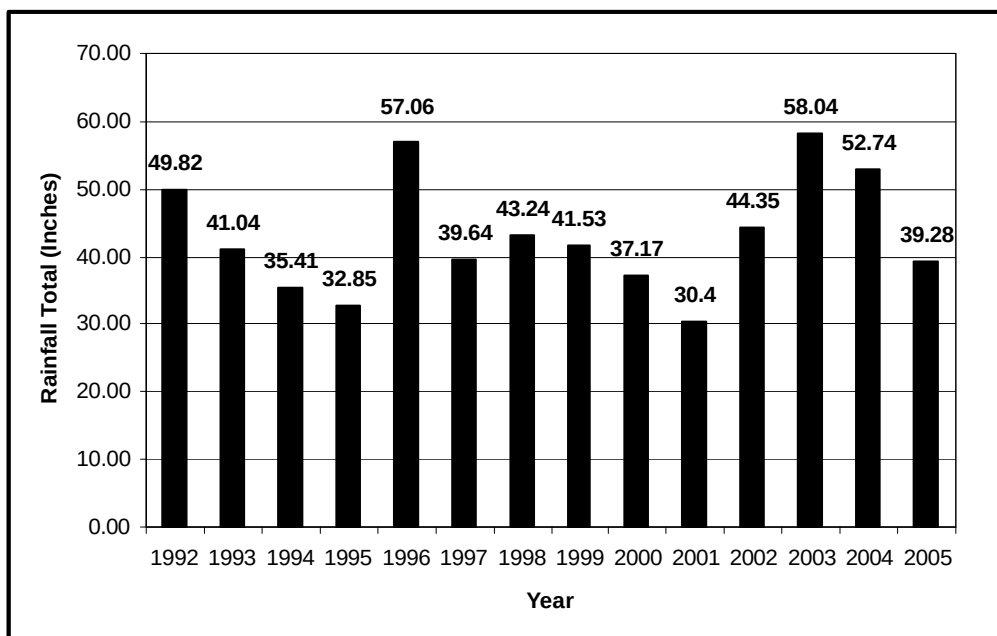


Figure 7. ASIS RAWS annual rainfall for 1992-2005.

Works Cited

NOAA, United States Department of Commerce. 2004. National Climatic Data Center (NCDC) website. *Climate of 2004 Atlantic Hurricane Season*. December 13, 2004
< <http://lwf.ncdc.noaa.gov/oa/climate/research/2004/hurricanes04.html> >

NOAA, United States Department of Commerce. 2005a. Climate Prediction Center (CPC) website. *NOAA: 2005 Atlantic Hurricane Outlook*. May 16, 2005
< <http://www.cpc.ncep.noaa.gov/products/outlooks/hurricane2005/May/hurricane.html> >

NOAA, United States Department of Commerce. 2005b. NOAA News Online Archive website. *NOAA Reports Warmer 2005 for the United States, Near-Record Warmth Globally: Hurricanes, Floods, Snow, and Wildfires All Notable*. December 15, 2005.
< <http://www.noaanews.noaa.gov/stories2005/s2548.htm> >

NOAA, United States Department of Commerce. 2006a. National Climatic Data Center (NCDC) website. *Climate of 2005 Atlantic Hurricane Season*. January 13, 2006
< <http://lwf.ncdc.noaa.gov/oa/climate/research/2005/hurricanes05.html> >

NOAA, United States Department of Commerce. 2006b. NOAA News Online Archive website. *Noteworthy Records of the 2005 Atlantic Hurricane Season*. April 13, 2006
< <http://www.noaanews.noaa.gov/stories2005/s2540b.htm> >

NOAA, United States Department of Commerce. 2006c. NOAA News Online Archive website. *NOAA Review Record-Setting 2005 Atlantic Hurricane Season*. April 13, 2006.
< <http://www.noaanews.noaa.gov/stories2005/s2540.htm> >

NOAA, United States Department of Commerce. 2006d. National Climatic Data Center (NCDC) website. *2005 Annual Climate Review: U.S. Summary*. April 24, 2006
< <http://www.ncdc.noaa.gov/oa/climate/research/2005/ann/us-summary.html> >

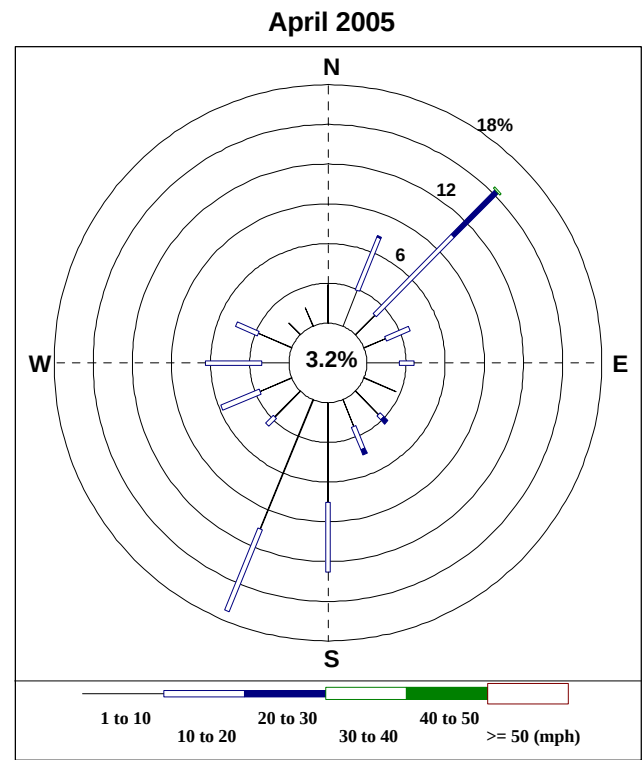
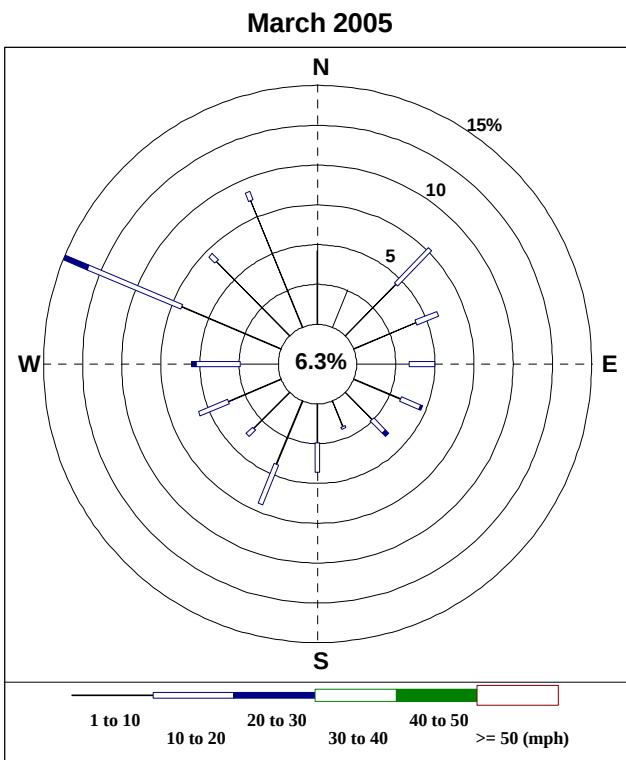
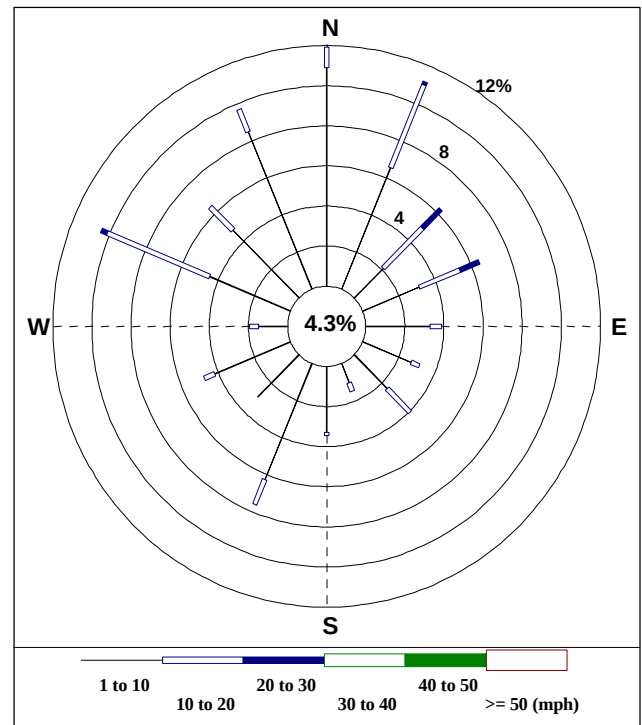
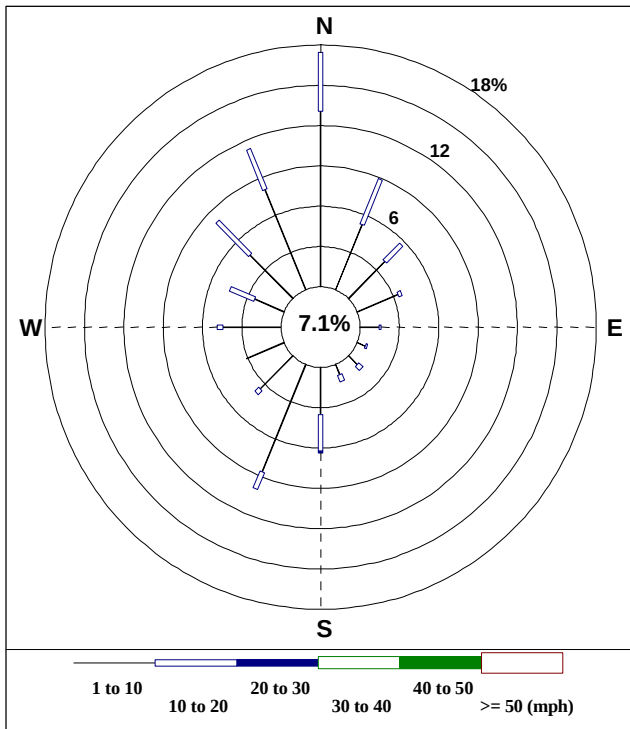
NOAA, United States Department of Commerce. 2006e. National Climatic Data Center (NCDC) website. *Climate at a glance: Annual precipitation Maryland*. May 23, 2006
< <http://www.ncdc.noaa.gov/oa/climate/research/cag3/NA.html> >

Appendix A

2005 Graphics

The monthly compilations of graphical data presented on the following pages are daily summaries of the RAWS hourly data for each parameter recorded by ASIS RAWS.

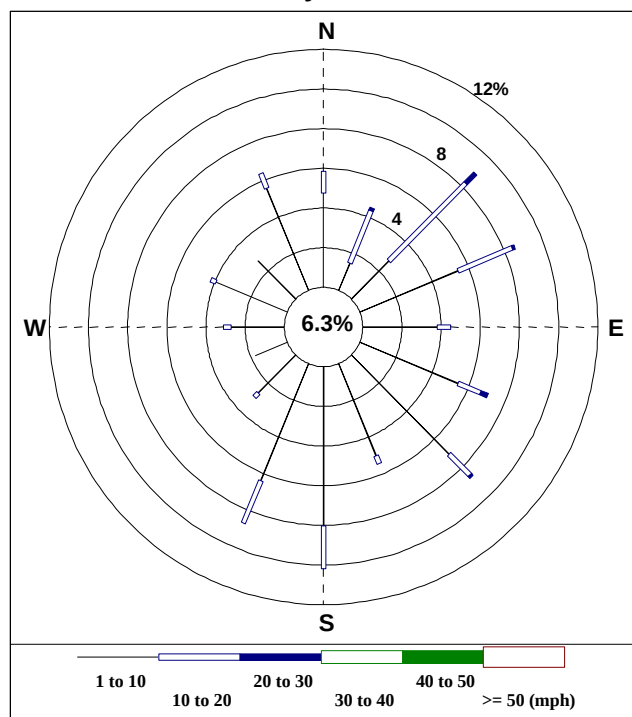
Assateague Island National Seashore Windroses Average Wind Speed (MPH) and Direction, Compiled Hourly January 2005 February 2005



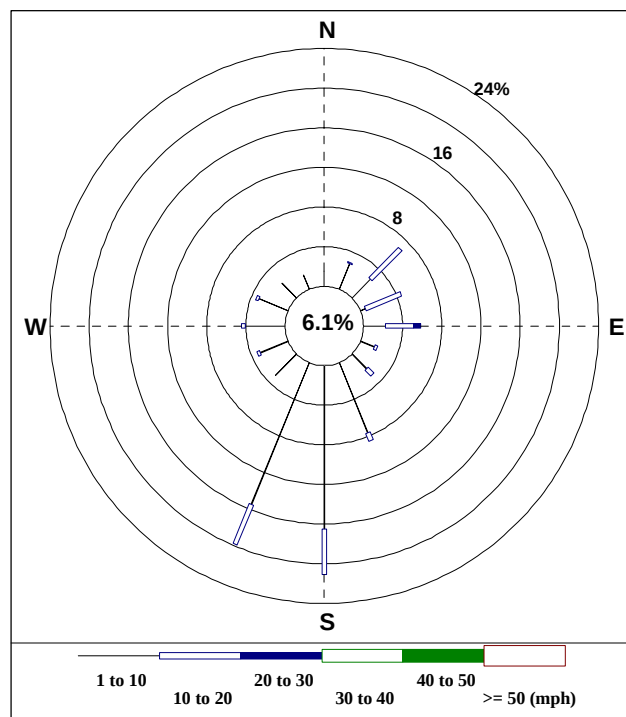
The length of each bar segment illustrates the percentage of time the wind blew at that speed and from the direction as indicated by bar width and orientation. The percentage of calm time is displayed in the center of the windrose.

Assateague Island National Seashore Windroses Average Wind Speed (MPH) and Direction, Compiled Hourly

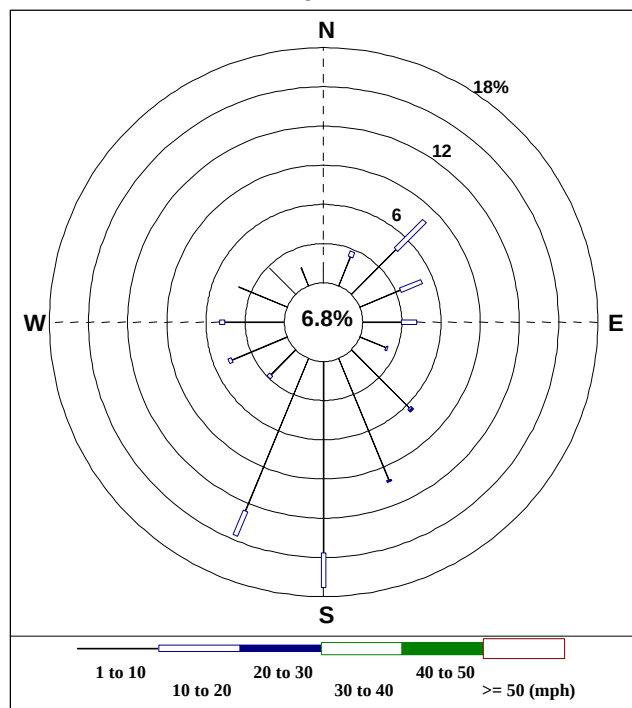
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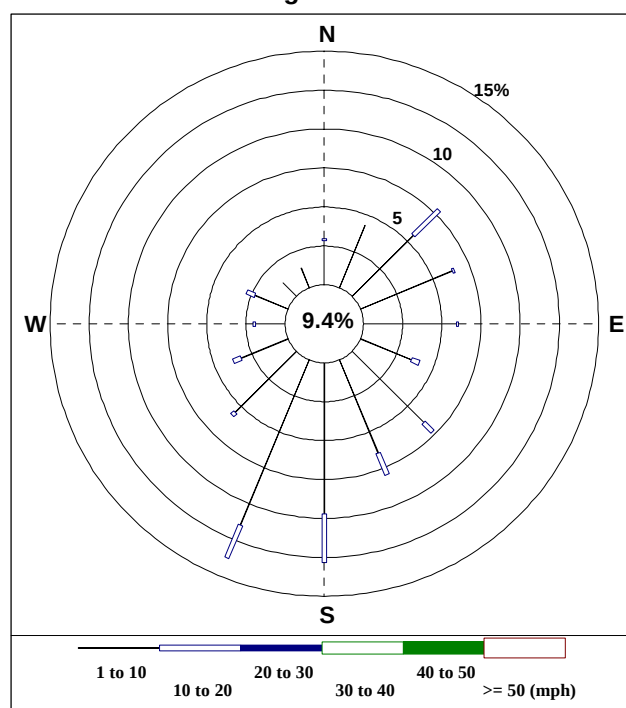
June 2005



July 2005

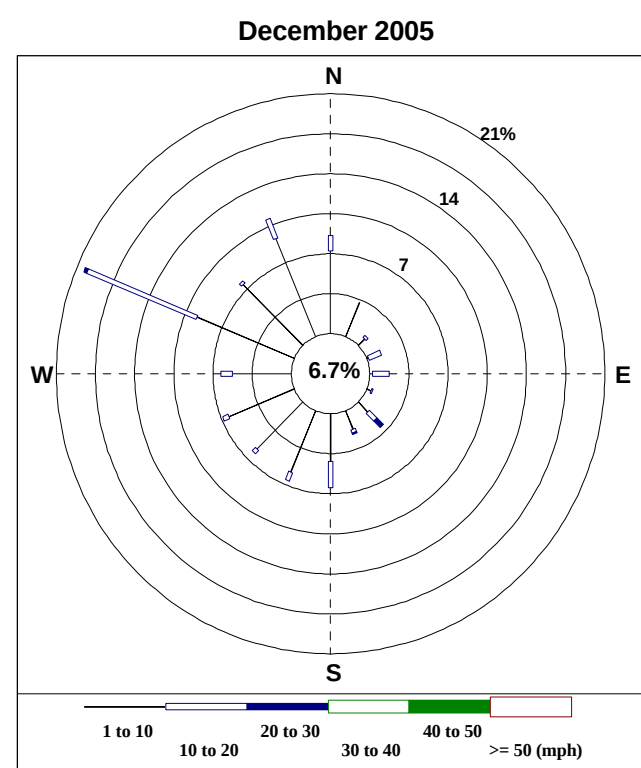
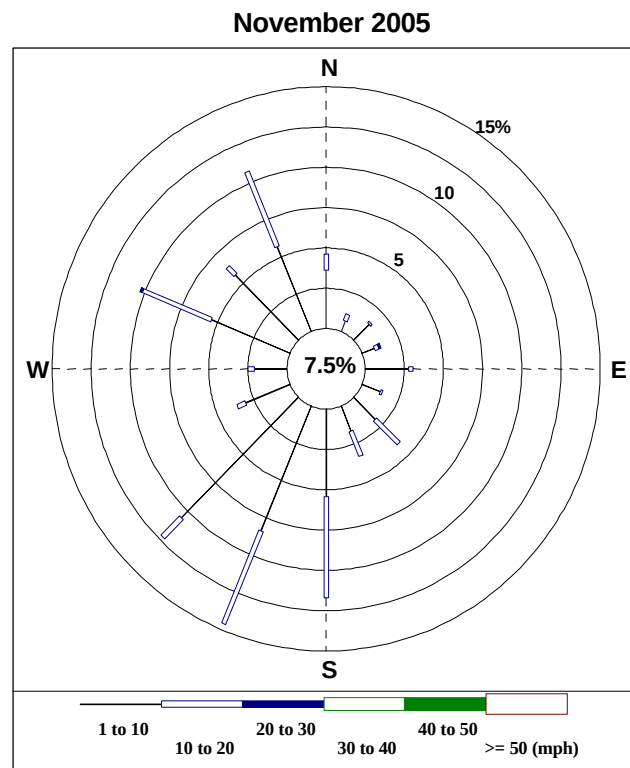
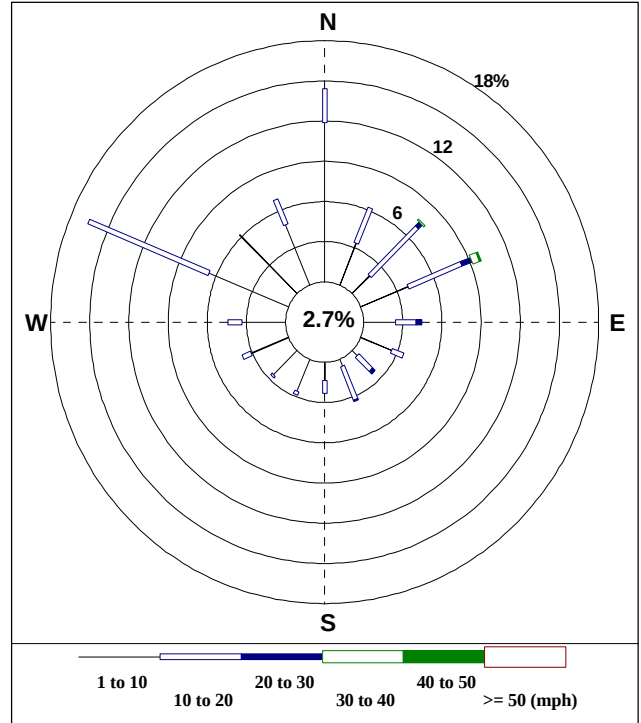
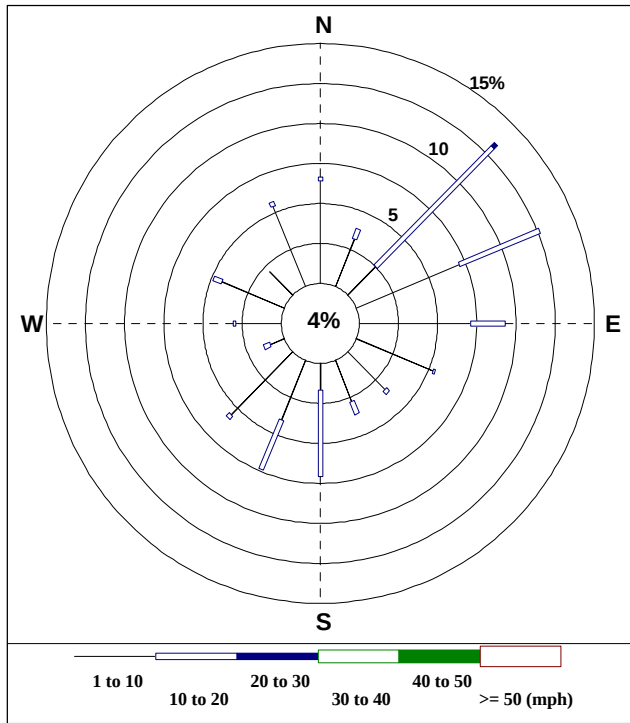


August 2005



The length of each bar segment illustrates the percentage of time the wind blew at that speed and from the direction as indicated by bar width and orientation. The percentage of calm time is displayed in the center of the windrose.

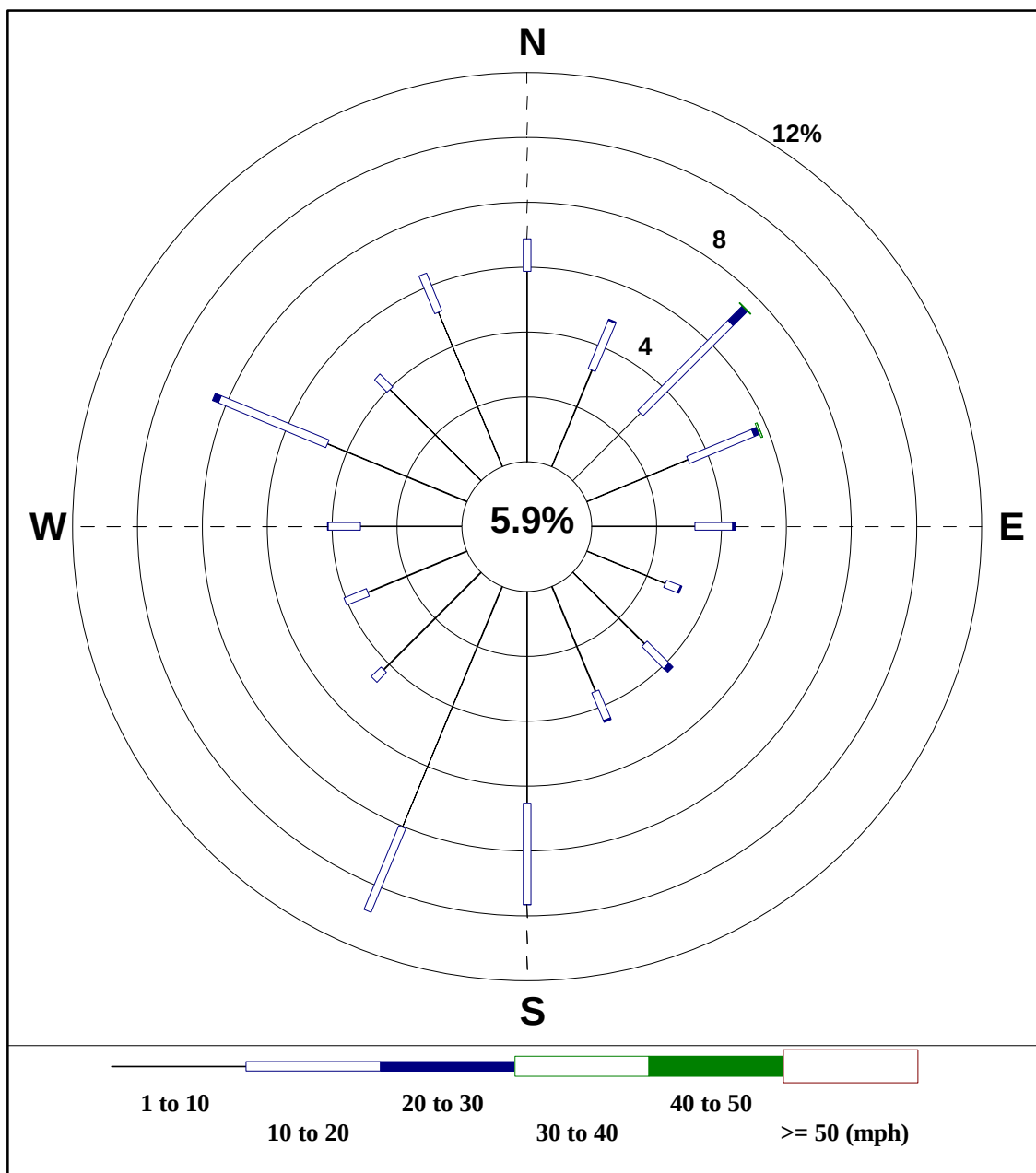
Assateague Island National Seashore Windroses Average Wind Speed (MPH) and Direction, Compiled Hourly September 2005 October 2005



The length of each bar segment illustrates the percentage of time the wind blew at that speed and from the direction as indicated by bar width and orientation. The percentage of calm time is displayed in the center of the windrose.

Assateague Island National Seashore Windroses
Average Wind Speed (MPH) and Direction, Compiled Hourly

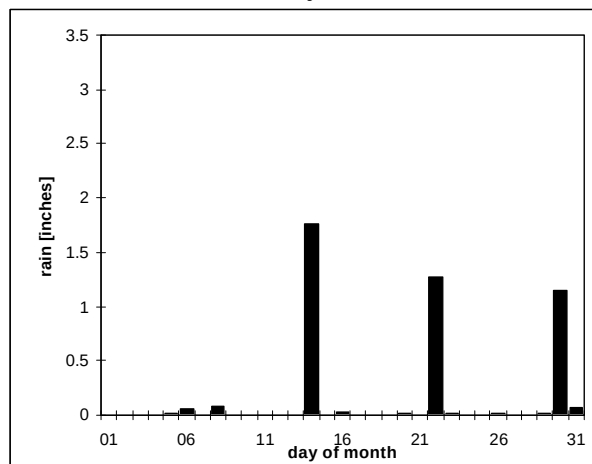
January 1, 2005 through December 31, 2005



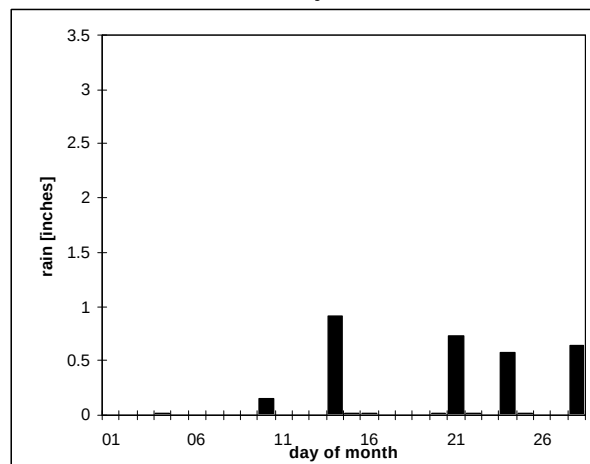
Assateague Island National Seashore — 2005

Daily Rainfall [Inches]

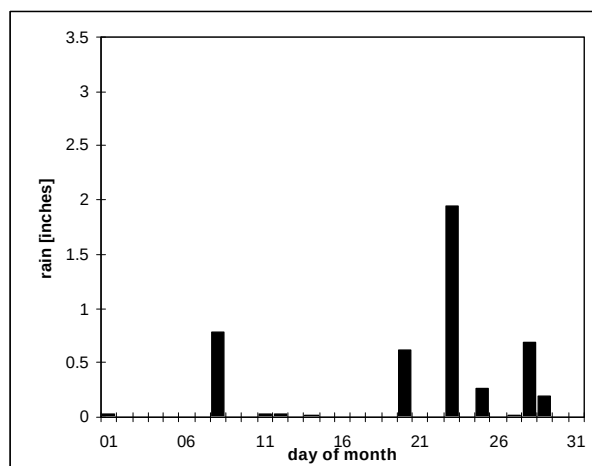
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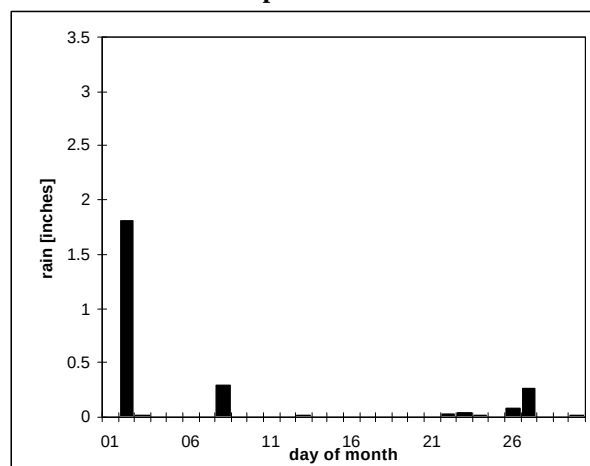
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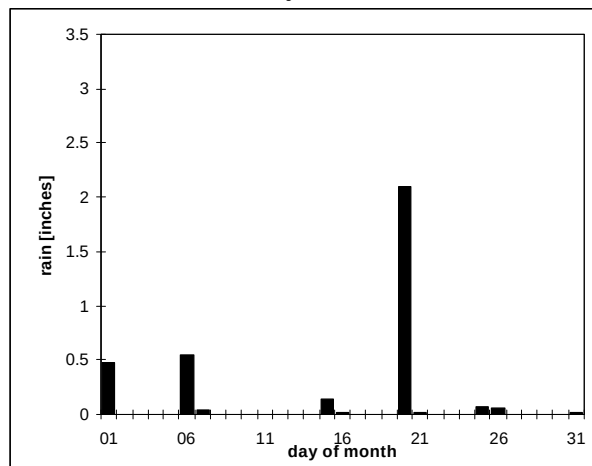
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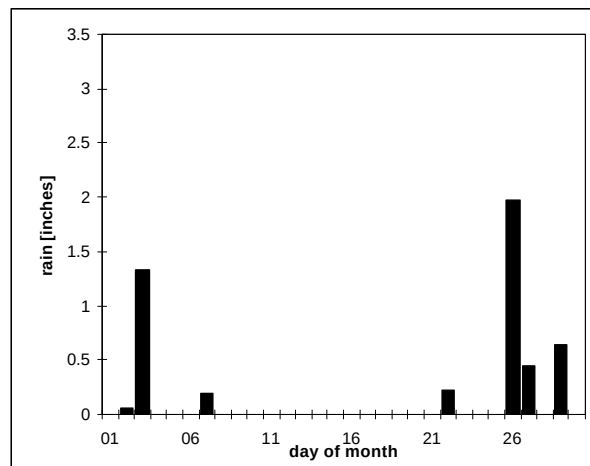
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May 2005



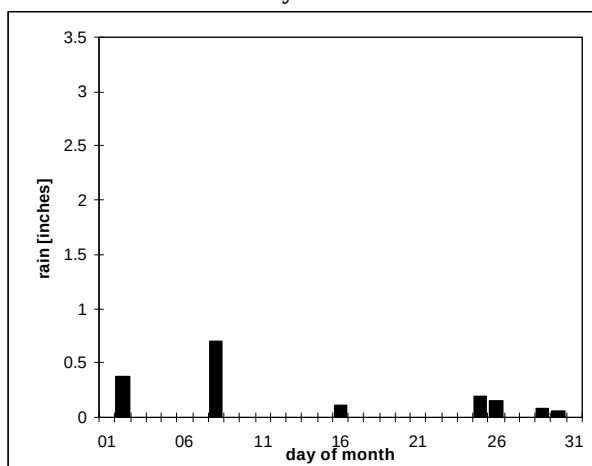
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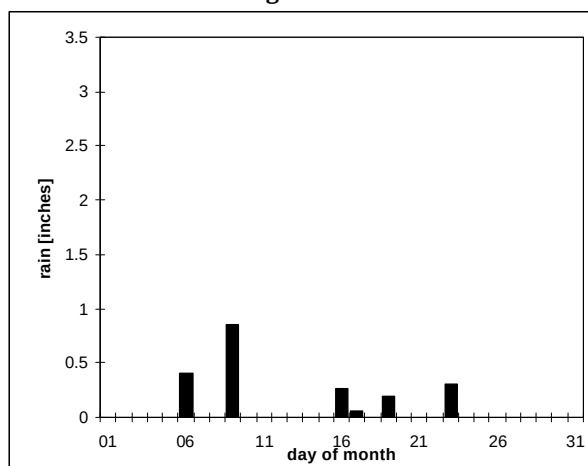
Assateague Island National Seashore — 2005

Daily Rainfall [Inches]

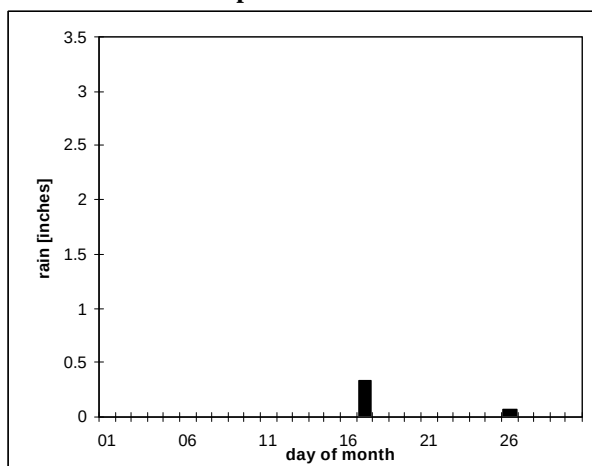
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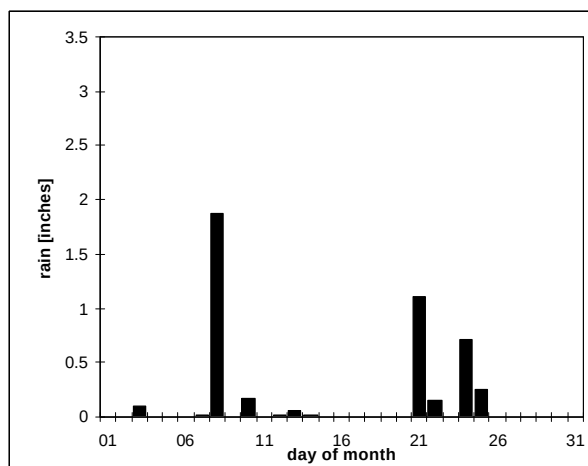
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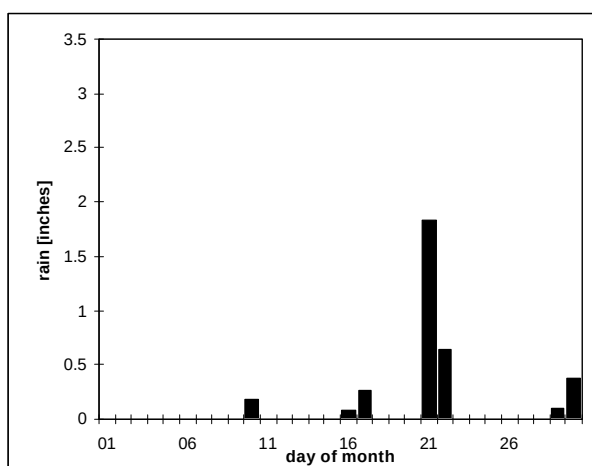
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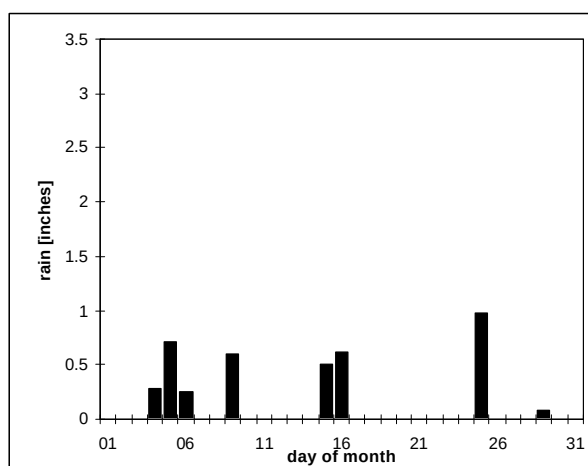
October 2005



November 2005

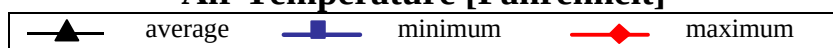


December 2005

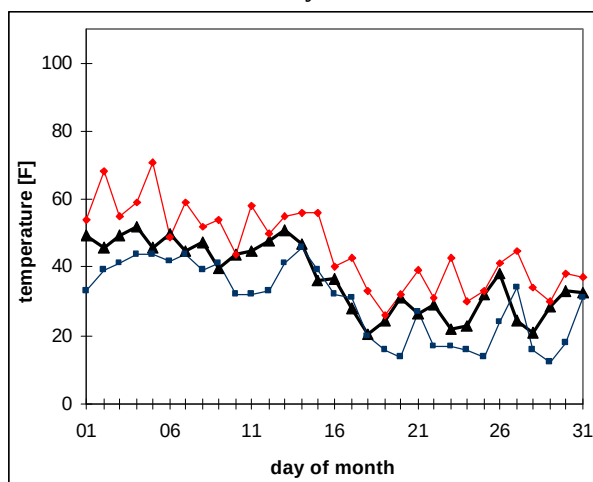


Assateague Island National Seashore — 2005

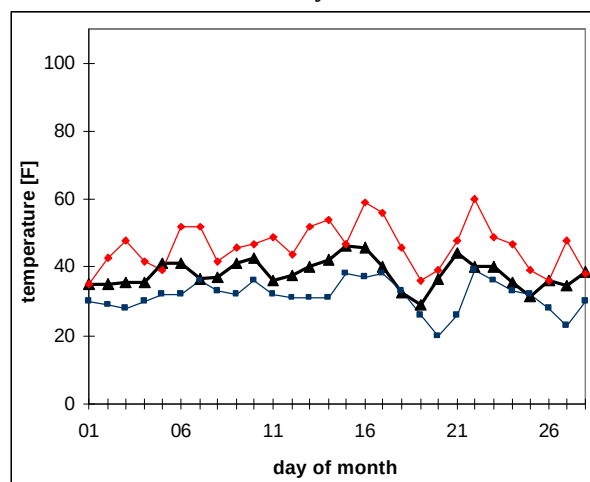
Air Temperature [Fahrenheit]



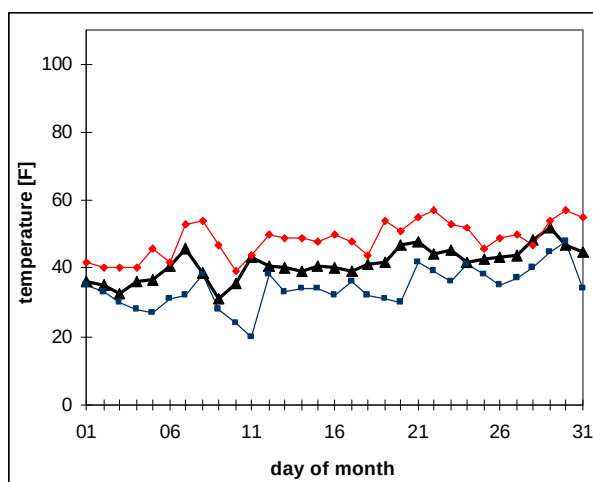
January 2005



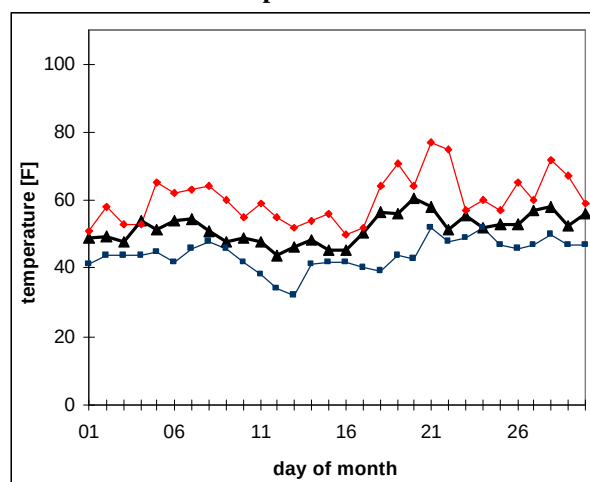
February 2005



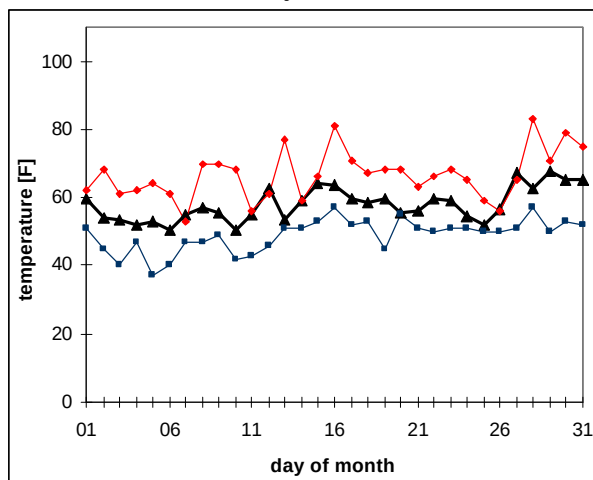
March 2005



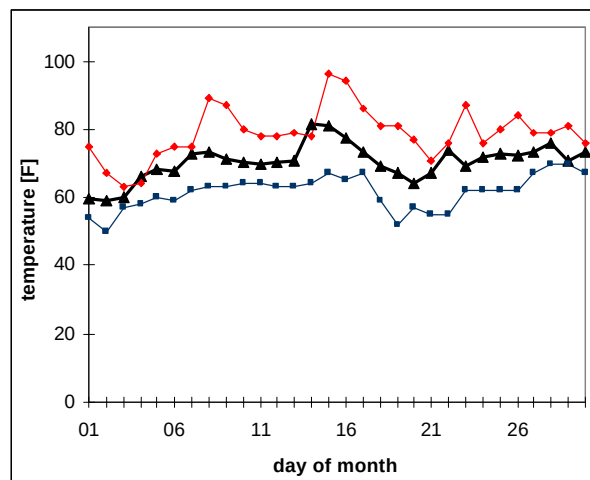
April 2005



May 2005

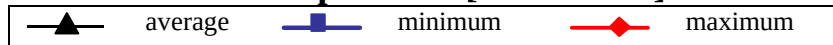


June 2005

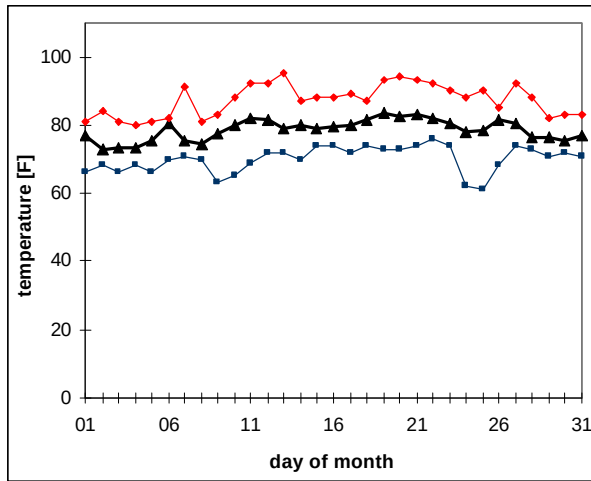


Assateague Island National Seashore — 2005

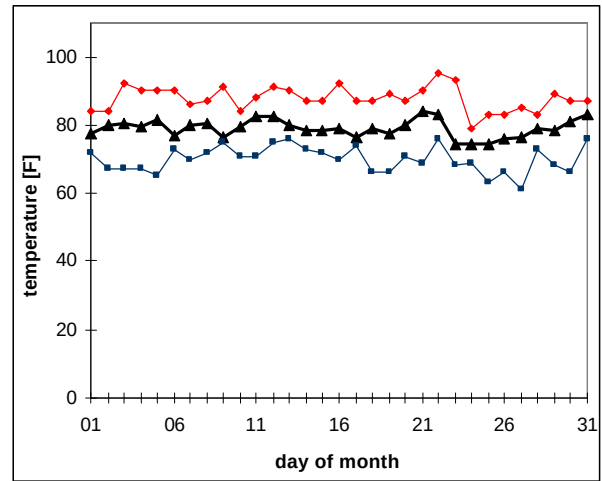
Air Temperature [Fahrenheit]



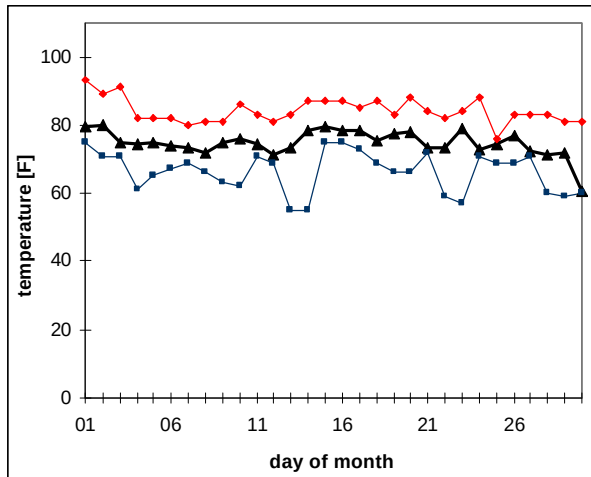
July 2005



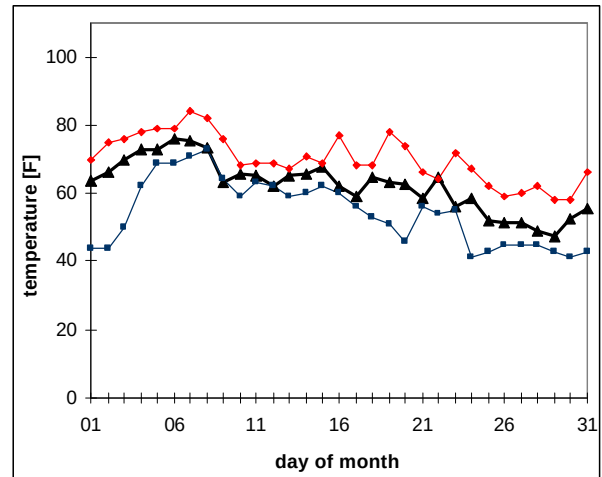
August 2005



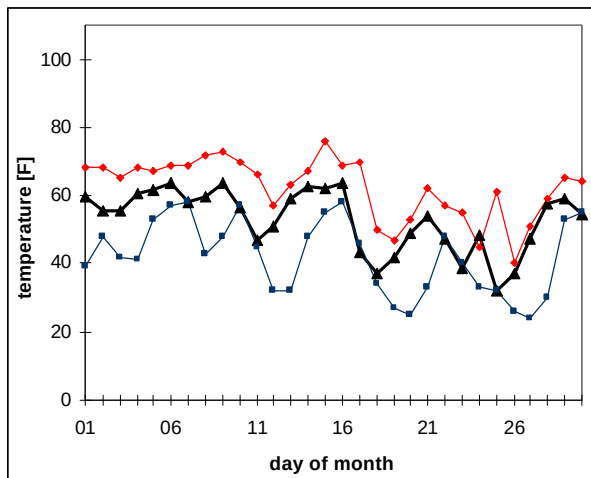
September 2005



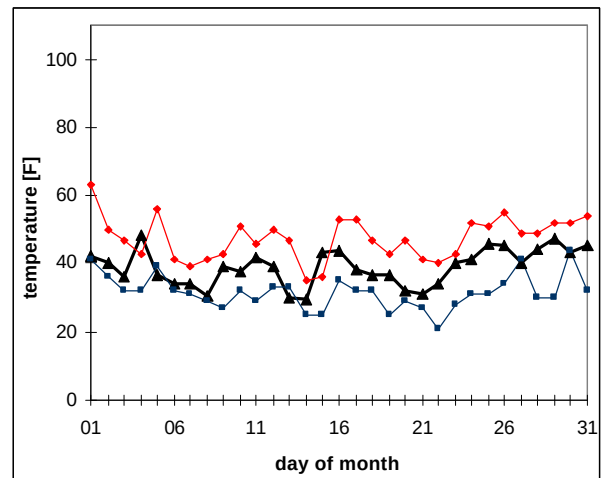
October 2005



November 2005

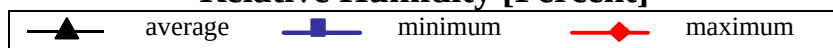


December 2005

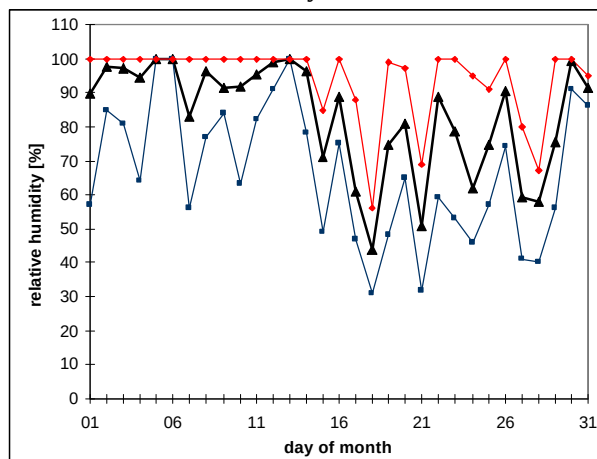


Assateague Island National Seashore — 2005

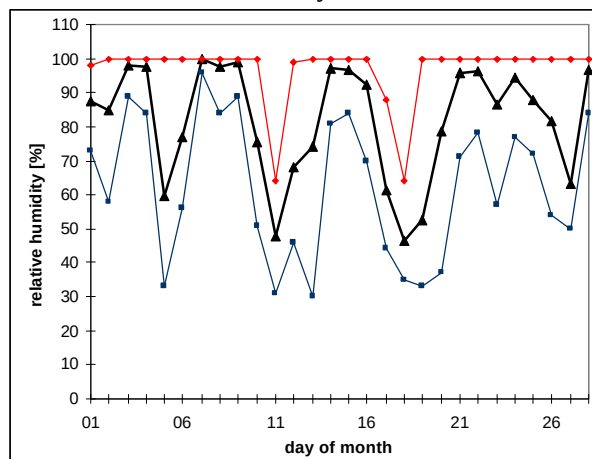
Relative Humidity [Percent]



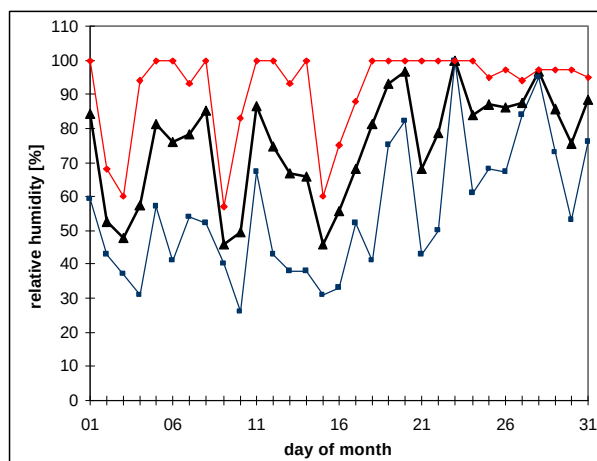
January 2005



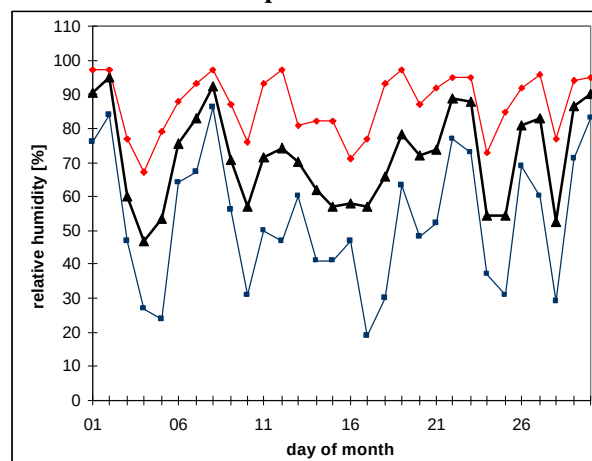
February 2005



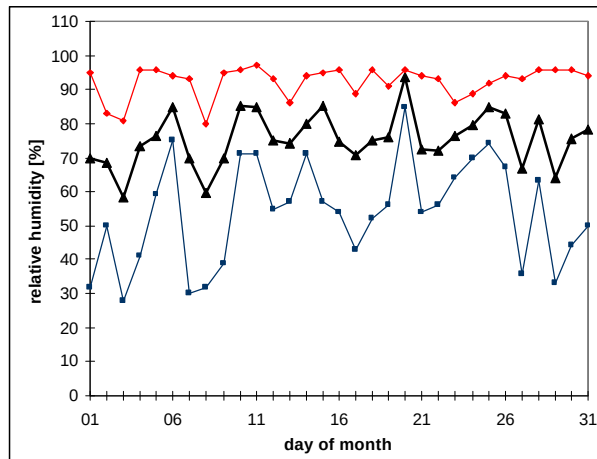
March 2005



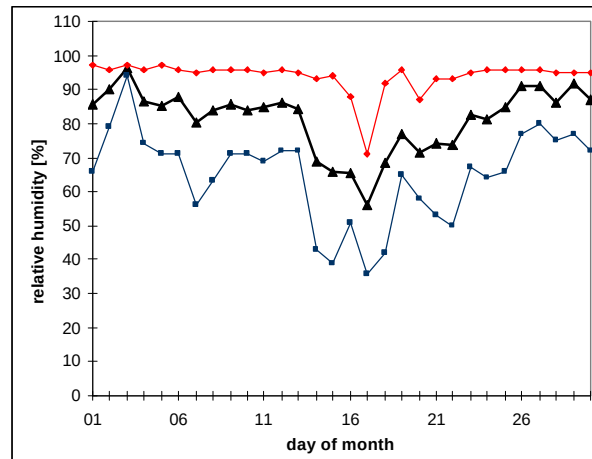
April 2005



May 2005

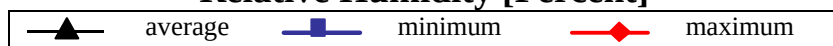


June 2005

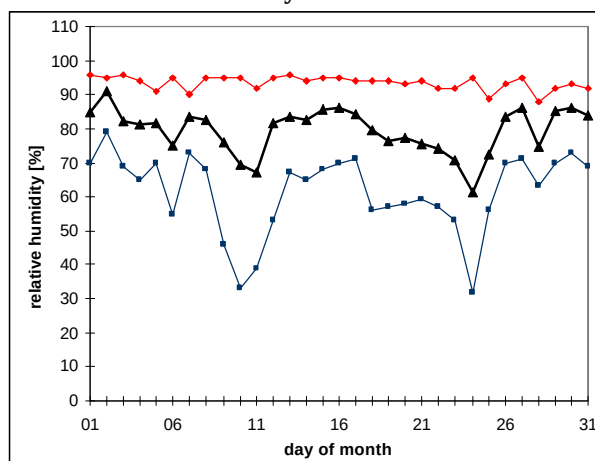


Assateague Island National Seashore — 2005

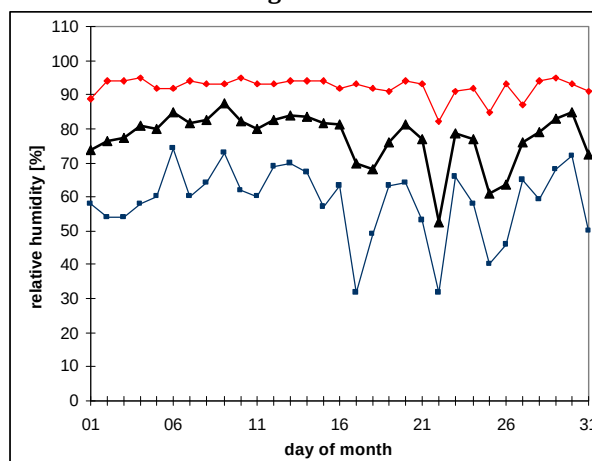
Relative Humidity [Percent]



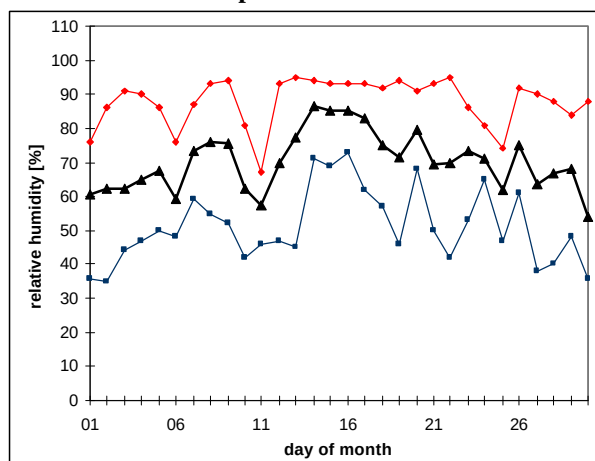
July 2005



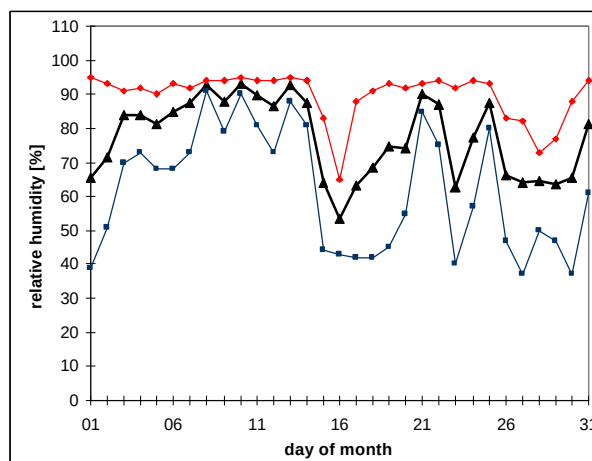
August 2005



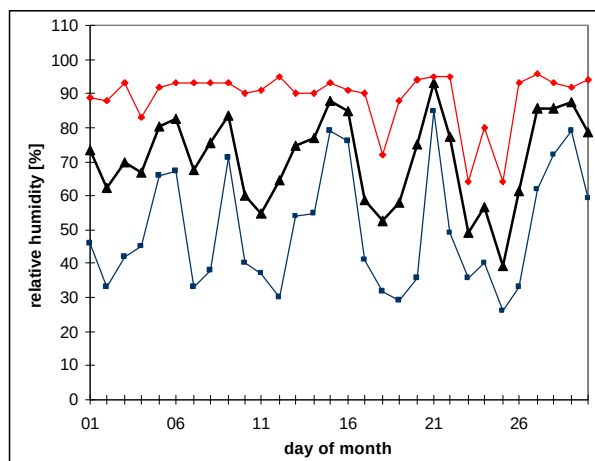
September 2005



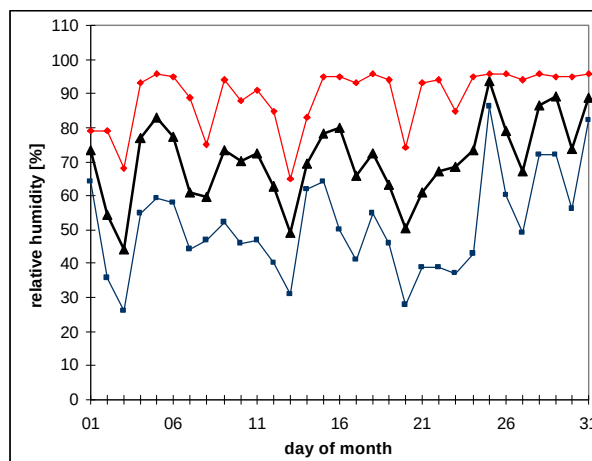
October 2005



November 2005

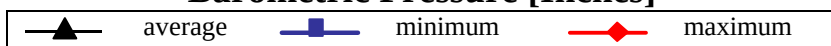


December 2005

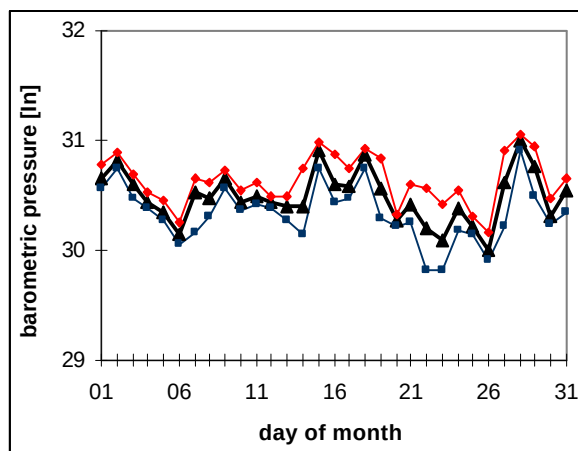


Assateague Island National Seashore — 2005

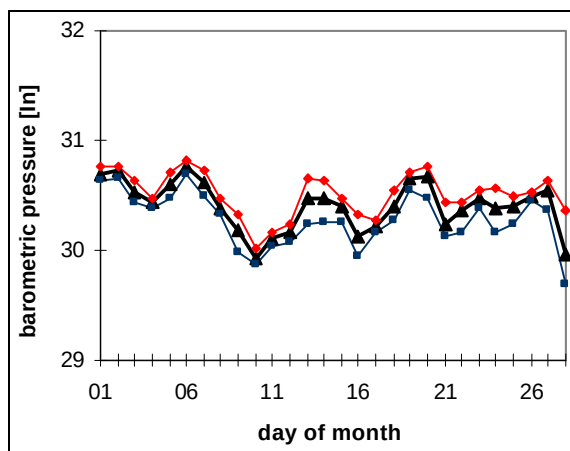
Barometric Pressure [Inches]



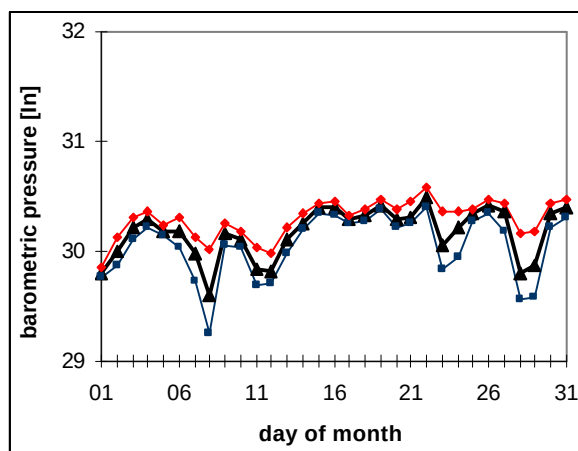
January 2005



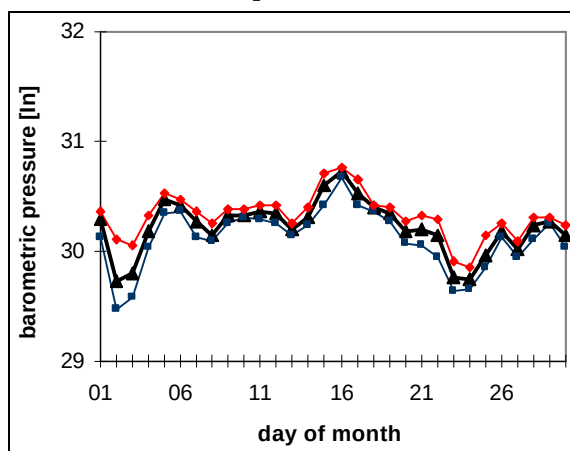
February 2005



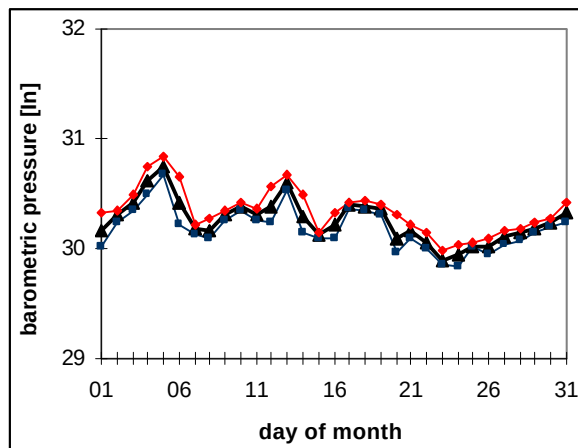
March 2005



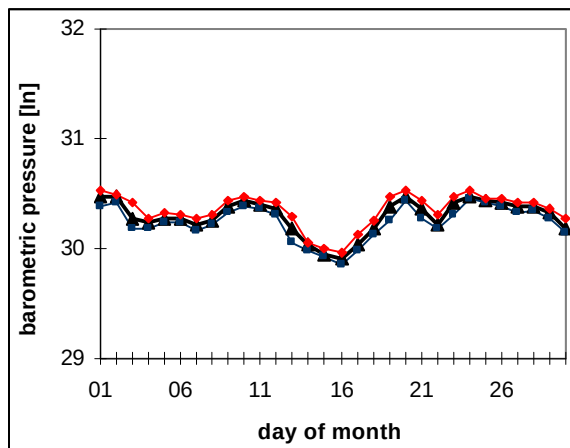
April 2005



May 2005

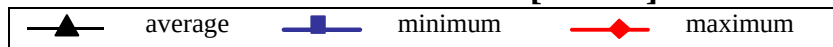


June 2005

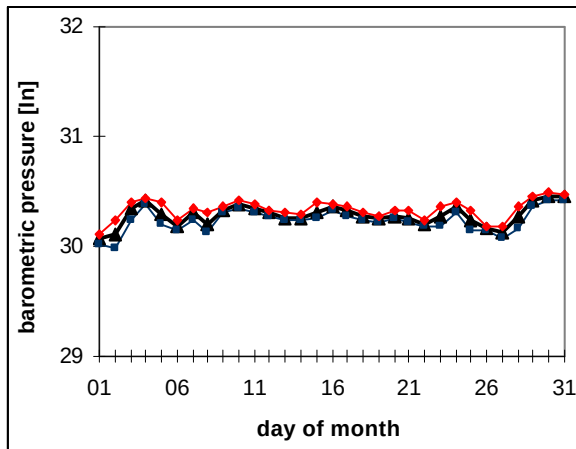


Assateague Island National Seashore — 2005

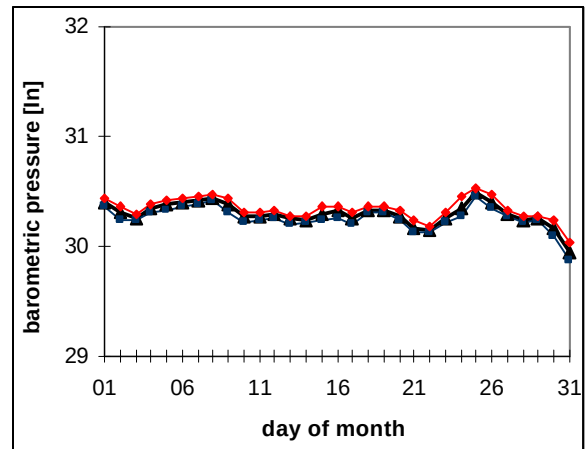
Barometric Pressure [Inches]



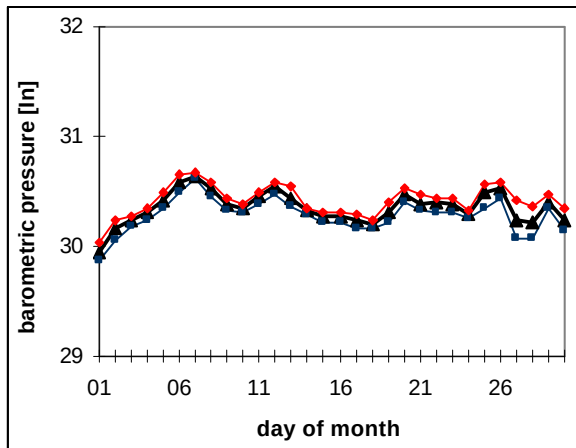
July 2005



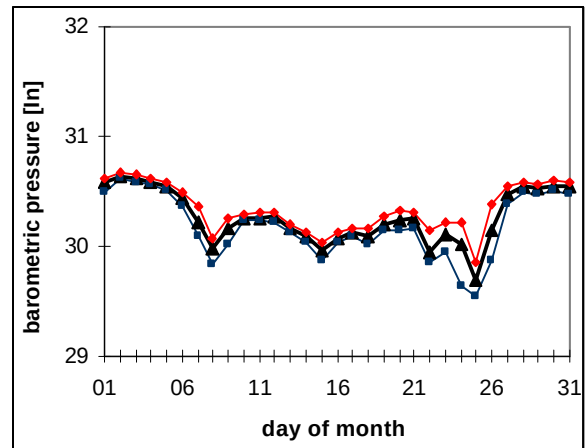
August 2005



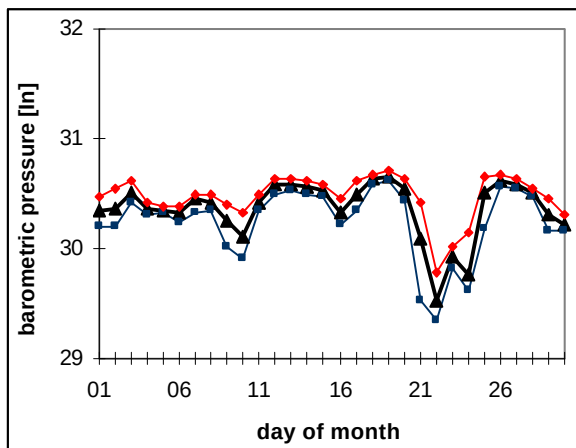
September 2005



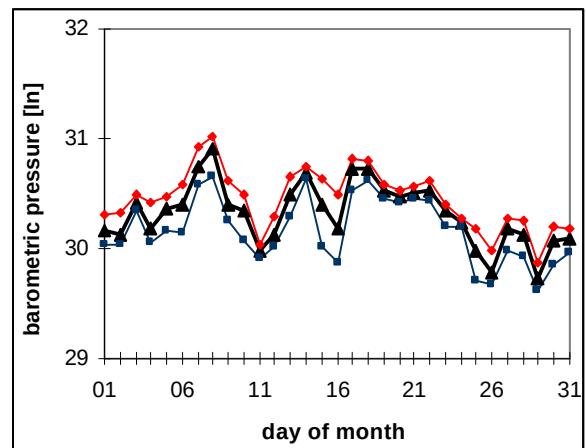
October 2005



November 2005



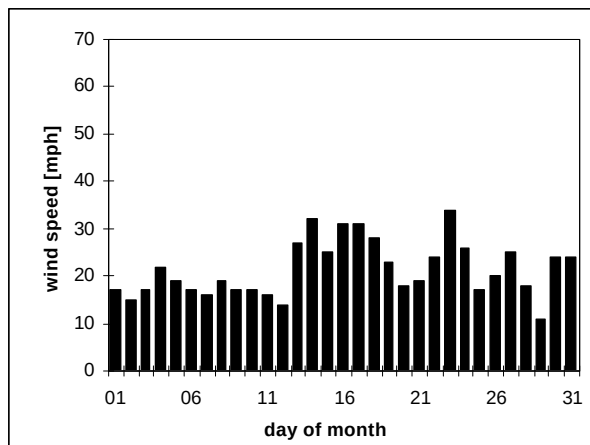
December 2005



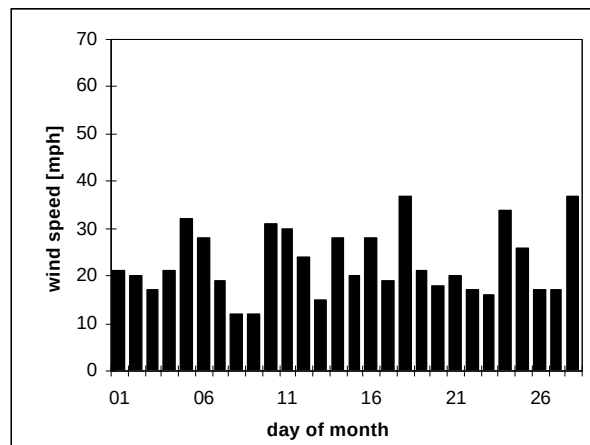
Assateague Island National Seashore — 2005

Maximum Wind Gust [MPH]

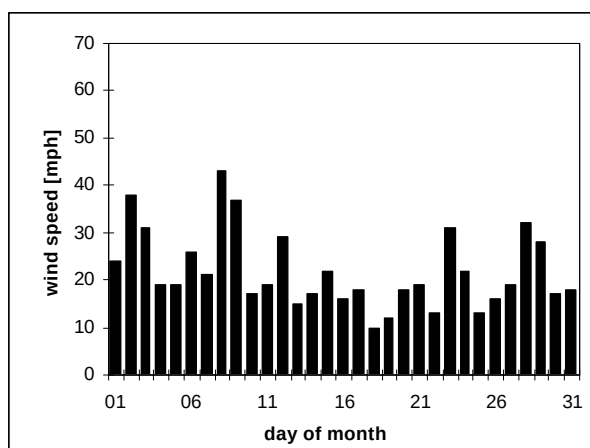
January 2005



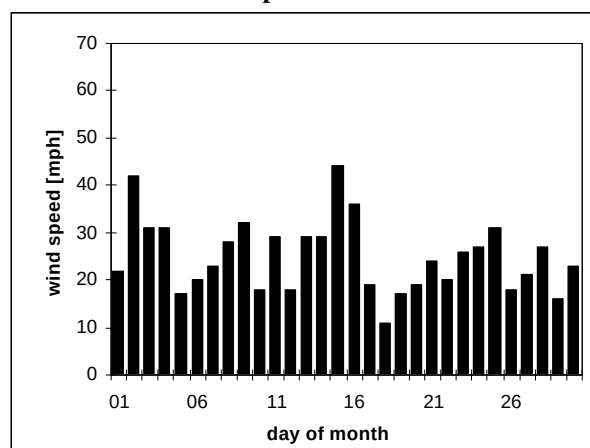
February 2005



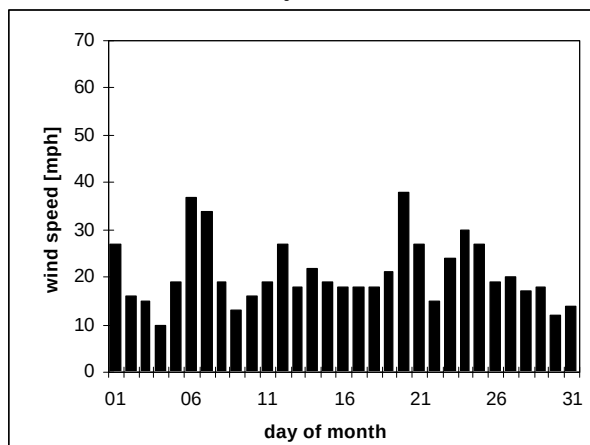
March 2005



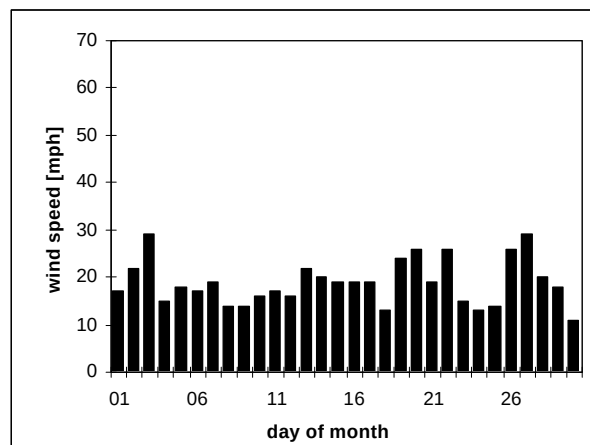
April 2005



May 2005



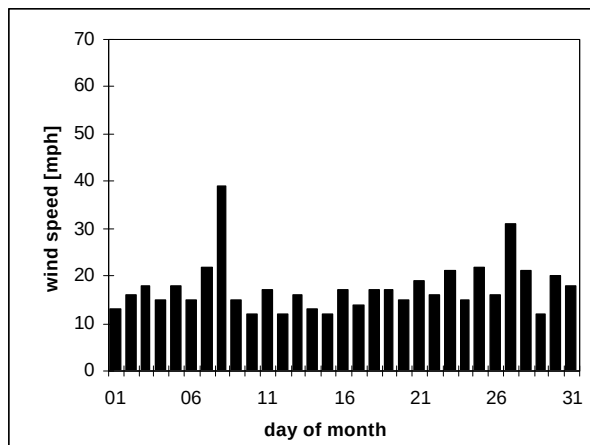
June 2005



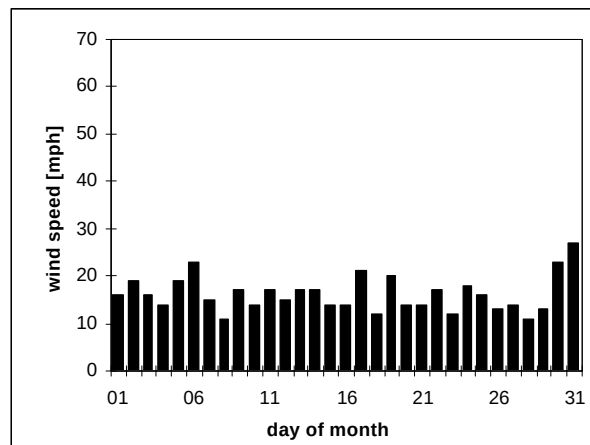
Assateague Island National Seashore — 2005

Maximum Wind Gust [MPH]

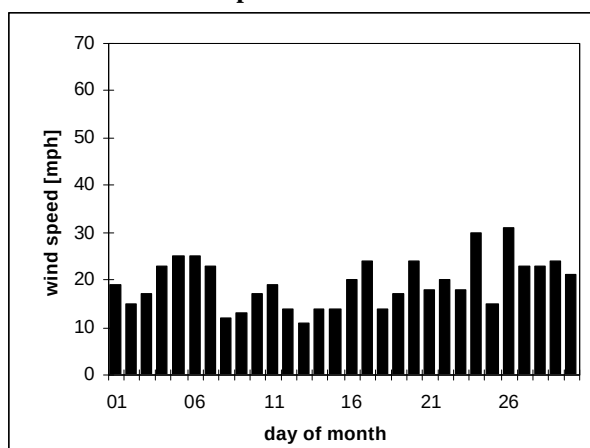
July 2005



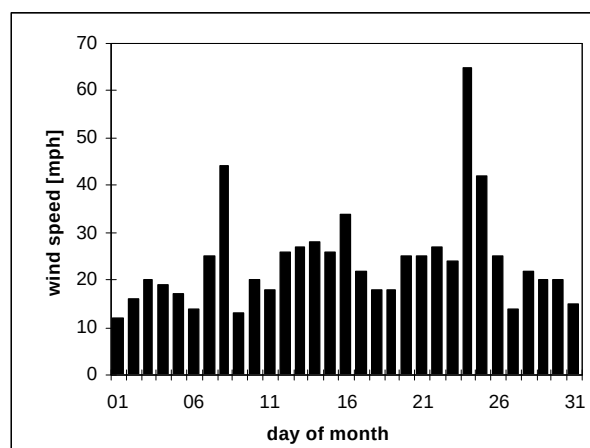
August 2005



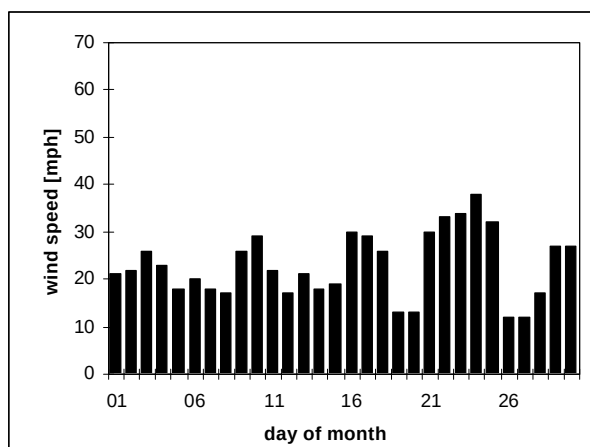
September 2005



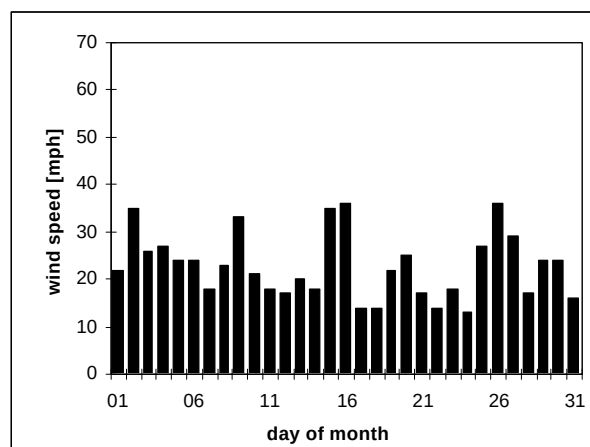
October 2005



November 2005



December 2005



Appendix B

Daily Summaries of RAWs Data by Month

January 2005

	Rainfall [Inches]		Air Temperature [Degrees F]			Wind Speed DIR			Relative Humidity [Percent]			Barometric Pressure [Inches]			Fuel Moist. [Percent]		Fuel Temp. [Degrees F]	
Date	Daily Total	Total for year	Avg	Min	Max	[MPH]		Avg	Avg	Min	Max	Avg	Min	Max	Avg	Min	Avg	Max
1/1/2005	0.00	0.00	49	33	54	2.7	17	240	90	57	100	30.65	30.57	30.78	18.3	14.6	47.5	76
1/2/2005	0.00	0.00	46	39	68	7.0	15	77	98	85	100	30.81	30.74	30.89	17.8	15.4	47.0	61
1/3/2005	0.00	0.00	49	41	55	6.8	17	201	97	81	100	30.60	30.48	30.70	21.0	15.4	51.4	70
1/4/2005	0.00	0.00	52	44	59	7.2	22	161	94	64	100	30.44	30.39	30.52	17.1	14.4	53.9	83
1/5/2005	0.02	0.02	46	44	71	6.9	19	48	100	100	100	30.35	30.28	30.45	43.4	19.6	46.5	50
1/6/2005	0.06	0.08	50	42	49	5.0	17	194	100	100	100	30.14	30.06	30.25	45.9	25.4	51.8	60
1/7/2005	0.00	0.08	45	44	59	5.3	16	182	83	56	100	30.52	30.17	30.66	33.3	19.0	45.8	61
1/8/2005	0.09	0.17	47	39	52	7.0	19	207	97	77	100	30.47	30.31	30.61	45.3	19.7	46.6	55
1/9/2005	0.00	0.17	40	41	54	3.5	17	93	92	84	100	30.65	30.57	30.72	22.6	19.8	39.2	47
1/10/2005	0.00	0.17	44	32	44	4.3	17	216	92	63	100	30.44	30.36	30.55	21.4	16.6	42.1	67
1/11/2005	0.00	0.17	45	32	58	4.3	16	118	95	82	100	30.50	30.41	30.61	17.8	16.3	44.4	57
1/12/2005	0.00	0.17	48	33	50	4.4	14	198	99	91	100	30.43	30.39	30.49	19.6	16.3	48.5	63
1/13/2005	0.00	0.17	51	41	55	9.5	27	192	100	100	100	30.40	30.28	30.49	21.7	16.8	53.0	67
1/14/2005	1.77	1.94	47	46	56	12.0	32	158	96	78	100	30.40	30.15	30.75	41.9	23.8	46.3	56
1/15/2005	0.00	1.94	36	39	56	9.9	25	105	71	49	85	30.90	30.75	30.99	21.2	17.5	36.9	47
1/16/2005	0.03	1.97	37	32	40	12.0	31	47	89	75	100	30.61	30.43	30.87	20.3	17.0	37.0	45
1/17/2005	0.00	1.97	28	31	43	10.0	31	302	61	47	88	30.59	30.47	30.75	16.6	15.1	29.3	42
1/18/2005	0.00	1.97	20	20	33	9.5	28	299	44	31	56	30.87	30.74	30.93	14.7	14.1	21.5	37
1/19/2005	0.00	1.97	24	16	26	6.8	23	251	74	48	99	30.56	30.29	30.84	14.8	14.2	24.2	35
1/20/2005	0.01	1.98	31	14	32	2.3	18	285	81	65	97	30.27	30.22	30.32	15.6	14.9	31.7	53
1/21/2005	0.00	1.98	26	27	39	6.5	19	207	51	32	69	30.42	30.25	30.60	14.3	13.5	28.4	44
1/22/2005	1.28	3.26	29	17	31	7.6	24	264	89	59	100	30.20	29.82	30.57	31.5	13.9	28.8	42
1/23/2005	0.01	3.27	22	17	43	12.8	34	312	79	53	100	30.08	29.82	30.42	20.9	17.5	22.8	32
1/24/2005	0.00	3.27	23	16	30	7.4	26	278	62	46	95	30.38	30.18	30.55	17.7	17.1	25.5	46
1/25/2005	0.00	3.27	32	14	33	5.1	17	271	74	57	91	30.22	30.14	30.31	16.6	15.8	32.9	51
1/26/2005	0.01	3.28	38	24	41	6.6	20	195	91	74	100	30.00	29.91	30.17	17.6	16.4	38.6	51
1/27/2005	0.00	3.28	25	34	45	9.6	25	310	59	41	80	30.61	30.21	30.91	15.6	14.6	26.7	40
1/28/2005	0.00	3.28	21	16	34	7.1	18	234	58	40	67	31.00	30.91	31.06	14.4	13.9	23.0	46
1/29/2005	0.01	3.29	28	12	30	3.2	11	229	76	56	100	30.76	30.50	30.95	16.0	13.7	30.8	54
1/30/2005	1.15	4.44	33	18	38	8.1	24	79	100	91	100	30.32	30.23	30.47	48.9	26.5	32.9	37
1/31/2005	0.07	4.51	32	31	37	9.2	24	61	92	86	95	30.54	30.35	30.66	28.9	24.1	32.8	40

Monthly summary:

Total Annual rain	Avg temp	Min temp	Max temp	Avg wind	Max win	Avg W Dir	Avg RH	Min RH	Max RH	Avg BP	Min BP	Max BP	Av gF	Min FM	Av gFT	Max FT	
4.51	4.51	37	12	71	7.1	34	194	83	31	100	30.49	29.82	31.06	23.63	13.5	37.67	83

February 2005

	Rainfall [Inches]		Air Temperature [Degrees F]			Wind Speed DIR			Relative Humidity [Percent]			Barometric Pressure [Inches]			Fuel Moist. [Percent]		Fuel Temp. [Degrees F]	
Date	Daily Total	Total for year	Avg	Min	Max	[MPH]		Avg	Avg	Min	Max	Avg	Min	Max	Avg	Min	Avg	Max
2/1/2005	0.00	4.51	35	30	35	8.3	21	79	88	73	98	30.69	30.63	30.76	20.5	17.9	37.0	57
2/2/2005	0.00	4.51	35	29	43	7.3	20	116	85	58	100	30.72	30.66	30.76	17.9	15.6	36.3	64
2/3/2005	0.00	4.51	35	28	48	4.9	17	180	98	89	100	30.52	30.43	30.64	19.6	17.1	36.0	48
2/4/2005	0.02	4.53	36	30	42	7.9	21	193	98	84	100	30.43	30.39	30.48	20.0	17.0	35.9	40
2/5/2005	0.00	4.53	41	32	39	8.3	32	211	60	33	100	30.60	30.47	30.71	18.1	14.4	42.5	65
2/6/2005	0.00	4.53	41	32	52	10.2	28	63	77	56	100	30.76	30.69	30.82	14.7	13.7	43.2	63
2/7/2005	0.00	4.53	37	36	52	5.3	19	121	100	96	100	30.62	30.49	30.72	17.8	15.5	39.0	53
2/8/2005	0.00	4.53	37	33	42	2.8	12	200	98	84	100	30.39	30.32	30.47	17.8	14.9	40.2	64
2/9/2005	0.00	4.53	41	32	46	3.0	12	142	99	89	100	30.19	29.99	30.32	17.2	15.9	43.0	56
2/10/2005	0.16	4.69	43	36	47	9.2	31	274	76	51	100	29.93	29.87	30.02	31.3	17.4	44.5	59
2/11/2005	0.00	4.69	36	32	49	11.5	30	296	48	31	64	30.11	30.03	30.16	16.0	14.3	38.6	60
2/12/2005	0.00	4.69	38	31	44	7.3	24	260	68	46	99	30.16	30.07	30.23	14.4	13.6	37.8	61
2/13/2005	0.00	4.69	40	31	52	4.6	15	163	74	30	100	30.46	30.24	30.65	14.4	12.7	41.3	68
2/14/2005	0.91	5.60	42	31	54	11.0	28	139	97	81	100	30.48	30.25	30.63	45.1	14.4	42.4	47
2/15/2005	0.01	5.61	46	38	47	4.3	20	213	97	84	100	30.40	30.26	30.48	38.9	22.0	48.5	73
2/16/2005	0.01	5.62	46	37	59	8.7	28	242	92	70	100	30.13	29.94	30.32	24.9	17.7	47.8	67
2/17/2005	0.00	5.62	40	38	56	6.4	19	303	62	44	88	30.21	30.16	30.28	16.0	14.8	40.9	57
2/18/2005	0.00	5.62	32	33	46	10.3	37	310	46	35	64	30.40	30.28	30.55	14.0	13.3	34.3	48
2/19/2005	0.00	5.62	29	26	36	7.3	21	284	53	33	100	30.65	30.54	30.71	13.1	12.3	30.3	51
2/20/2005	0.01	5.63	36	20	39	6.0	18	187	78	37	100	30.68	30.47	30.77	14.7	13.0	36.5	62
2/21/2005	0.73	6.36	45	26	48	6.8	20	170	96	71	100	30.23	30.12	30.43	43.0	21.5	47.6	73
2/22/2005	0.01	6.37	40	39	60	5.1	17	158	96	78	100	30.36	30.16	30.43	38.8	22.3	42.6	65
2/23/2005	0.00	6.37	40	36	49	4.6	16	166	87	57	100	30.48	30.39	30.54	21.7	17.1	42.4	60
2/24/2005	0.57	6.94	36	33	47	16.5	34	55	94	77	100	30.37	30.17	30.56	37.9	17.1	35.6	39
2/25/2005	0.01	6.95	32	32	39	5.7	26	274	88	72	100	30.40	30.23	30.50	30.1	19.8	32.2	43
2/26/2005	0.00	6.95	36	28	36	4.1	17	257	82	54	100	30.49	30.45	30.53	19.9	16.9	37.0	65
2/27/2005	0.00	6.95	34	23	48	7.8	17	121	63	50	100	30.55	30.37	30.64	16.2	15.0	37.1	51
2/28/2005	0.65	7.60	39	30	38	15.8	37	80	97	84	100	29.96	29.70	30.37	41.8	15.3	38.7	44

Monthly summary:

Total Annua rain Irain	Avg temp	Min temp	Max temp	Avg wind	Max win	Avg W Dir	Avg RH	Min RH	Max RH	Avg BP	Min BP	Max BP	Av gF	Min FM	Av gFT	Max FT
3.09 7.6	38	20	60	7.5	37	188	82	30	100	30.41	29.7	30.82	23.42	12.3	39.61	73

March 2005

	Rainfall [Inches]		Air Temperature [Degrees F]			Wind Speed DIR			Relative Humidity [Percent]			Barometric Pressure [Inches]			Fuel Moist. [Percent]		Fuel Temp. [Degrees F]	
Date	Daily Total	Total for year	Avg	Min	Max	[MPH]		Avg	Avg	Min	Max	Avg	Min	Max	Avg	Min	Avg	Max
3/1/2005	0.03	7.63	36	35	42	10.3	24	262	84	59	100	29.81	29.77	29.86	42.4	22.5	36.5	46
3/2/2005	0.00	7.63	35	33	40	17.6	38	284	53	43	68	30.01	29.87	30.12	18.7	16.1	37.3	52
3/3/2005	0.00	7.63	33	30	40	10.5	31	298	48	37	60	30.22	30.10	30.31	14.9	13.9	35.3	54
3/4/2005	0.00	7.63	36	28	40	6.7	19	264	57	31	94	30.30	30.21	30.37	13.6	12.5	39.7	60
3/5/2005	0.00	7.63	37	27	46	5.2	19	135	81	57	100	30.18	30.14	30.23	14.5	13.7	36.6	50
3/6/2005	0.00	7.63	41	31	42	8.5	26	253	76	41	100	30.18	30.03	30.31	14.6	12.4	43.0	65
3/7/2005	0.00	7.63	46	32	53	7.8	21	208	78	54	93	29.98	29.73	30.13	14.0	12.2	49.5	73
3/8/2005	0.78	8.41	39	38	54	16.0	43	252	85	52	100	29.60	29.26	30.02	37.5	14.3	38.1	47
3/9/2005	0.00	8.41	31	28	47	10.1	37	248	46	40	57	30.17	30.05	30.26	18.2	15.5	32.0	53
3/10/2005	0.00	8.41	36	24	39	4.8	17	112	49	26	83	30.10	30.04	30.18	15.3	14.1	39.0	65
3/11/2005	0.03	8.44	43	20	44	7.8	19	209	86	67	100	29.84	29.70	30.04	19.5	13.4	47.0	69
3/12/2005	0.03	8.47	41	38	50	9.1	29	250	75	43	100	29.82	29.71	29.98	27.5	16.5	42.9	65
3/13/2005	0.00	8.47	40	33	49	2.8	15	136	67	38	93	30.11	29.98	30.22	15.5	14.3	43.1	65
3/14/2005	0.01	8.48	39	34	49	4.7	17	220	66	38	100	30.25	30.20	30.35	16.9	13.9	42.0	68
3/15/2005	0.00	8.48	41	34	48	6.7	22	305	46	31	60	30.40	30.35	30.44	12.9	11.4	43.8	69
3/16/2005	0.00	8.48	40	32	50	4.5	16	258	56	33	75	30.40	30.33	30.45	12.1	11.3	42.2	59
3/17/2005	0.00	8.48	39	36	48	5.9	18	58	68	52	88	30.30	30.26	30.32	12.8	12.2	40.5	53
3/18/2005	0.00	8.48	41	32	44	3.3	10	238	81	41	100	30.32	30.28	30.38	13.5	11.3	45.2	75
3/19/2005	0.00	8.48	42	31	54	3.9	12	117	93	75	100	30.42	30.38	30.47	14.3	12.0	45.6	72
3/20/2005	0.62	9.10	47	30	51	6.3	18	178	97	82	100	30.29	30.22	30.38	38.0	16.1	51.6	73
3/21/2005	0.00	9.10	48	42	55	5.8	19	313	68	43	100	30.32	30.25	30.45	31.1	16.2	50.4	72
3/22/2005	0.00	9.10	45	39	57	4.9	13	211	79	50	100	30.49	30.40	30.58	15.5	13.6	49.3	75
3/23/2005	1.95	11.0	45	36	53	10.8	31	156	100	100	100	30.05	29.84	30.36	46.2	15.6	45.9	51
3/24/2005	0.00	11.0	42	41	52	5.7	22	284	84	61	100	30.22	29.95	30.37	28.0	6.8	42.9	55
3/25/2005	0.26	11.3	43	38	46	2.9	13	229	87	68	95	30.35	30.27	30.39	29.4	12.4	42.9	56
3/26/2005	0.00	11.3	43	35	49	6.5	16	64	86	67	97	30.41	30.34	30.47	35.4	20.2	45.3	64
3/27/2005	0.01	11.3	44	37	50	9.6	19	61	88	84	94	30.36	30.19	30.44	20.7	19.3	45.4	51
3/28/2005	0.69	12.0	48	40	47	9.5	32	152	97	95	97	29.79	29.56	30.16	53.6	35.3	49.1	54
3/29/2005	0.19	12.2	52	45	54	7.6	28	302	86	73	97	29.87	29.58	30.19	40.3	21.9	51.9	59
3/30/2005	0.00	12.2	47	48	57	5.8	17	98	76	53	97	30.34	30.21	30.43	18.9	16.2	49.3	67
3/31/2005	0.00	12.2	45	34	55	8.4	18	95	88	76	95	30.39	30.30	30.47	19.3	16.7	47.7	62

Monthly summary:

Total Annual rain	Avg temp	Min temp	Max temp	Avg wind	Max win	Avg W Dir	Avg RH	Min RH	Max RH	Avg BP	Min BP	Max BP	Av gF	Min FM	Av gFT	Max FT
4.6 12.2	41	20	57	7.4	43	202	75	26	100	30.17	29.26	30.58	23.38	6.8	43.59	75

April 2005

	Rainfall [Inches]		Air Temperature [Degrees F]			Wind Speed DIR			Relative Humidity [Percent]			Barometric Pressure [Inches]			Fuel Moist. [Percent]		Fuel Temp. [Degrees F]	
Date	Daily Total	Total for year	Avg	Min	Max	[MPH]		Avg	Avg	Min	Max	Avg	Min	Max	Avg	Min	Avg	Max
4/1/2005	0.00	12.2	49	41	51	8.0	22	92	91	76	97	30.29	30.12	30.37	19.1	16.6	51.6	65
4/2/2005	1.81	14.0	49	44	58	15.5	42	163	95	84	97	29.73	29.48	30.10	51.6	28.9	50.3	55
4/3/2005	0.01	14.0	48	44	53	12.1	31	263	60	47	77	29.81	29.59	30.05	23.0	16.8	47.9	60
4/4/2005	0.00	14.0	54	44	53	9.8	31	278	47	27	67	30.18	30.04	30.32	15.2	13.5	54.6	73
4/5/2005	0.00	14.0	51	45	65	6.0	17	250	54	24	79	30.46	30.34	30.53	13.6	12.4	54.2	79
4/6/2005	0.00	14.0	54	42	62	9.1	20	201	76	64	88	30.42	30.37	30.48	14.4	13.2	58.7	80
4/7/2005	0.00	14.0	54	46	63	10.1	23	199	83	67	93	30.27	30.13	30.36	15.6	13.9	58.5	80
4/8/2005	0.30	14.3	51	48	64	8.3	28	116	92	86	97	30.15	30.09	30.25	35.0	22.1	53.2	61
4/9/2005	0.00	14.3	48	46	60	13.0	32	27	71	56	87	30.34	30.25	30.38	18.8	15.9	50.8	68
4/10/2005	0.00	14.3	49	42	55	6.0	18	86	57	31	76	30.33	30.31	30.38	14.9	13.2	52.8	78
4/11/2005	0.00	14.3	48	38	59	9.3	29	123	72	50	93	30.36	30.29	30.41	15.0	13.5	50.5	68
4/12/2005	0.00	14.3	44	34	55	7.0	18	99	74	47	97	30.34	30.25	30.41	15.6	13.8	47.4	72
4/13/2005	0.02	14.3	46	32	52	11.0	29	58	70	60	81	30.20	30.15	30.25	18.4	15.0	49.1	69
4/14/2005	0.00	14.3	48	41	54	13.9	29	41	62	41	82	30.31	30.24	30.40	14.5	13.3	52.4	72
4/15/2005	0.00	14.3	45	42	56	24.7	44	40	57	41	82	30.60	30.41	30.71	14.0	13.2	48.1	61
4/16/2005	0.00	14.3	46	42	50	16.7	36	62	58	47	71	30.72	30.67	30.77	13.3	12.6	48.9	66
4/17/2005	0.00	14.3	50	40	52	6.5	19	253	57	19	77	30.53	30.42	30.65	13.1	11.5	54.9	80
4/18/2005	0.00	14.3	56	39	64	3.2	11	194	66	30	93	30.39	30.37	30.42	13.6	11.4	58.9	88
4/19/2005	0.00	14.3	56	44	71	5.1	17	197	78	63	97	30.35	30.28	30.40	14.0	12.2	60.0	87
4/20/2005	0.00	14.3	61	43	64	6.1	19	199	72	48	87	30.18	30.07	30.28	14.0	11.8	65.9	93
4/21/2005	0.00	14.3	58	52	77	7.5	24	154	74	52	92	30.20	30.05	30.32	16.9	12.5	61.1	80
4/22/2005	0.03	14.3	51	48	75	8.4	20	95	89	77	95	30.14	29.94	30.29	23.9	17.6	53.6	67
4/23/2005	0.04	14.4	56	49	57	12.4	26	188	88	73	95	29.77	29.63	29.91	23.8	16.6	57.9	72
4/24/2005	0.01	14.4	52	52	60	11.8	27	244	54	37	73	29.74	29.66	29.85	17.3	14.3	56.1	74
4/25/2005	0.00	14.4	53	47	57	11.8	31	236	54	31	85	29.97	29.85	30.14	13.8	12.1	56.2	75
4/26/2005	0.08	14.5	53	46	65	7.4	18	176	81	69	92	30.19	30.12	30.26	16.6	13.9	57.5	81
4/27/2005	0.26	14.7	57	47	60	7.1	21	215	83	60	96	30.01	29.95	30.09	31.9	16.3	61.6	83
4/28/2005	0.00	14.7	58	50	72	9.4	27	269	53	29	77	30.23	30.11	30.31	15.9	13.4	61.6	79
4/29/2005	0.00	14.7	53	47	67	4.6	16	131	87	71	94	30.28	30.25	30.30	15.9	14.7	54.8	72
4/30/2005	0.01	14.7	56	47	59	9.5	23	179	90	83	95	30.14	30.04	30.24	20.5	17.1	58.5	70

Monthly summary:

Total Annual rain	Avg temp	Min temp	Max temp	Avg wind	Max win	Avg W Dir	Avg RH	Min RH	Max RH	Avg BP	Min BP	Max BP	Av gF	Min FM	Av gFT	Max FT
2.57 14.77	52	32	77	9.7	44	161	71	19	97	30.22	29.48	30.77	18.78	11.4	54.92	93

May 2005

	Rainfall [Inches]		Air Temperature [Degrees F]			Wind Speed DIR			Relative Humidity [Percent]			Barometric Pressure [Inches]			Fuel Moist. [Percent]		Fuel Temp. [Degrees F]	
Date	Daily Total	Total for year	Avg	Min	Max	[MPH]		Avg	Avg	Min	Max	Avg	Min	Max	Avg	Min	Avg	Max
5/1/2005	0.48	15.2	59	51	62	6.4	27	298	70	32	95	30.17	30.02	30.32	32.6	15.5	60.7	83
5/2/2005	0.00	15.2	54	45	68	5.4	16	202	69	50	83	30.31	30.24	30.35	15.9	14.6	56.2	76
5/3/2005	0.00	15.2	54	40	61	7.3	15	220	58	28	81	30.41	30.34	30.49	14.0	12.2	59.3	82
5/4/2005	0.00	15.2	52	47	62	3.3	10	127	73	41	96	30.62	30.49	30.74	14.9	13.0	52.5	76
5/5/2005	0.00	15.2	53	37	64	7.9	19	65	77	59	96	30.75	30.67	30.83	15.8	13.4	55.5	79
5/6/2005	0.55	15.8	50	40	61	17.2	37	36	85	75	94	30.43	30.22	30.65	34.5	14.9	50.2	53
5/7/2005	0.04	15.8	55	47	53	9.8	34	188	70	30	93	30.18	30.12	30.22	29.7	15.4	59.1	85
5/8/2005	0.00	15.8	57	47	70	7.3	19	220	60	32	80	30.16	30.09	30.27	14.5	12.5	62.4	88
5/9/2005	0.00	15.8	56	49	70	5.0	13	183	70	39	95	30.31	30.25	30.34	13.8	11.7	60.2	87
5/10/2005	0.00	15.8	50	42	68	6.3	16	97	85	71	96	30.38	30.35	30.42	15.4	14.1	53.5	66
5/11/2005	0.00	15.8	55	43	56	8.0	19	193	85	71	97	30.31	30.26	30.36	16.1	13.6	62.1	82
5/12/2005	0.00	15.8	62	46	61	8.9	27	113	75	55	93	30.38	30.24	30.57	15.4	13.2	65.7	87
5/13/2005	0.00	15.8	53	51	77	9.1	18	104	74	57	86	30.61	30.53	30.68	14.8	13.4	57.3	71
5/14/2005	0.00	15.8	59	51	59	10.6	22	192	80	71	94	30.29	30.14	30.50	14.8	13.2	64.8	84
5/15/2005	0.14	15.9	64	53	66	6.7	19	196	85	57	95	30.12	30.09	30.15	26.3	13.6	68.2	94
5/16/2005	0.01	15.9	64	57	81	5.4	18	196	75	54	96	30.21	30.09	30.32	29.1	15.0	69.0	88
5/17/2005	0.00	15.9	60	52	71	7.4	18	89	70	43	89	30.39	30.37	30.42	14.5	13.0	66.7	83
5/18/2005	0.00	15.9	59	53	67	4.9	18	168	75	52	96	30.38	30.34	30.43	15.6	12.8	62.9	87
5/19/2005	0.00	15.9	60	45	68	7.3	21	138	76	56	91	30.36	30.31	30.40	15.5	13.6	63.1	80
5/20/2005	2.10	18.0	55	55	68	16.3	38	94	94	85	96	30.09	29.96	30.30	49.0	24.1	56.1	64
5/21/2005	0.01	18.1	56	51	63	8.5	27	149	72	54	94	30.16	30.09	30.21	29.4	15.6	60.9	82
5/22/2005	0.00	18.1	60	50	66	6.4	15	172	72	56	93	30.05	30.00	30.15	15.6	13.6	65.0	88
5/23/2005	0.00	18.1	59	51	68	9.7	24	74	76	64	86	29.90	29.85	29.99	14.5	13.0	64.5	83
5/24/2005	0.00	18.1	55	51	65	10.9	30	53	80	70	89	29.94	29.83	30.04	15.6	14.7	56.3	65
5/25/2005	0.07	18.1	52	50	59	7.9	27	215	85	74	92	30.02	30.01	30.05	23.1	15.4	53.2	63
5/26/2005	0.06	18.2	56	50	56	7.0	19	261	83	67	94	30.01	29.94	30.09	27.6	17.4	58.2	75
5/27/2005	0.00	18.2	67	51	65	6.5	20	240	67	36	93	30.11	30.04	30.17	16.9	12.8	73.0	102
5/28/2005	0.00	18.2	63	57	83	3.3	17	241	81	63	96	30.14	30.08	30.18	15.5	14.4	63.3	81
5/29/2005	0.00	18.2	68	50	71	6.3	18	260	64	33	96	30.19	30.14	30.23	14.7	11.4	70.7	97
5/30/2005	0.00	18.2	65	53	79	2.8	12	140	76	44	96	30.24	30.20	30.28	13.9	11.4	70.2	96
5/31/2005	0.02	18.2	65	52	75	4.1	14	127	78	50	94	30.32	30.24	30.41	20.8	13.6	70.2	95

Monthly summary:

Total Annual rain	Inrain	Avg temp	Min temp	Max temp	Avg wind	Max win	Avg W Dir	Avg RH	Min RH	Max RH	Avg BP	Min BP	Max BP	Av gF	Min FM	Av gFT	Max FT
3.48	18.25	58	37	83	7.5	38	163	75	28	97	30.26	29.83	30.83	19.99	11.4	61.65	102

June 2005

	Rainfall [Inches]		Air Temperature [Degrees F]			Wind Speed DIR			Relative Humidity [Percent]			Barometric Pressure [Inches]			Fuel Moist. [Percent]		Fuel Temp. [Degrees F]	
Date	Daily Total	Total for year	Avg	Min	Max	[MPH]		Avg	Avg	Min	Max	Avg	Min	Max	Avg	Min	Avg	Max
6/1/2005	0.00	18.2	59	54	75	7.7	17	96	86	66	97	30.47	30.39	30.52	16.3	13.9	63.0	83
6/2/2005	0.06	18.3	59	50	67	12.8	22	63	90	79	96	30.46	30.41	30.50	25.6	15.4	61.2	71
6/3/2005	1.33	19.6	60	57	63	11.3	29	152	96	94	97	30.28	30.18	30.41	54.2	49.5	60.9	65
6/4/2005	0.00	19.6	66	58	64	3.7	15	271	87	74	96	30.23	30.18	30.27	34.4	18.6	67.6	77
6/5/2005	0.00	19.6	68	60	73	5.4	18	203	85	71	97	30.27	30.24	30.32	18.9	14.3	73.1	93
6/6/2005	0.00	19.6	68	59	75	6.5	17	173	88	71	96	30.27	30.23	30.31	17.4	13.6	74.8	94
6/7/2005	0.19	20.2	73	62	75	5.8	19	182	80	56	95	30.22	30.17	30.27	25.4	13.9	79.5	107
6/8/2005	0.00	20.2	73	63	89	4.5	14	206	84	63	96	30.26	30.21	30.31	17.2	12.7	80.2	102
6/9/2005	0.00	20.2	71	63	87	5.4	14	164	86	71	96	30.38	30.32	30.43	16.3	12.5	79.5	102
6/10/2005	0.00	20.2	70	64	80	7.3	16	180	84	71	96	30.43	30.39	30.47	15.7	12.3	78.3	101
6/11/2005	0.00	20.2	70	64	78	6.9	17	191	85	69	95	30.40	30.36	30.43	16.1	12.4	77.0	100
6/12/2005	0.00	20.2	70	63	78	6.8	16	192	86	72	96	30.36	30.30	30.41	16.9	12.5	78.3	100
6/13/2005	0.00	20.2	71	63	79	8.7	22	201	85	72	95	30.18	30.06	30.29	15.9	12.5	77.4	98
6/14/2005	0.00	20.2	82	64	78	6.5	20	250	69	43	93	30.03	29.98	30.06	13.9	10.4	87.5	113
6/15/2005	0.00	20.2	81	67	96	6.2	19	219	66	39	94	29.95	29.92	30.00	13.0	9.8	87.4	115
6/16/2005	0.00	20.2	78	65	94	7.2	19	249	65	51	88	29.92	29.85	29.97	12.8	10.2	83.5	107
6/17/2005	0.00	20.2	73	67	86	6.3	19	271	56	36	71	30.04	29.99	30.12	11.6	10.2	77.6	103
6/18/2005	0.00	20.2	69	59	81	4.1	13	135	69	42	92	30.18	30.12	30.26	12.6	9.9	73.7	100
6/19/2005	0.00	20.2	67	52	81	10.6	24	49	77	65	96	30.38	30.26	30.48	14.2	11.9	70.9	93
6/20/2005	0.00	20.2	64	57	77	12.1	26	45	72	58	87	30.48	30.44	30.53	13.4	11.5	67.7	87
6/21/2005	0.00	20.2	67	55	71	5.8	19	132	74	53	93	30.36	30.27	30.43	13.9	10.6	73.5	99
6/22/2005	0.22	20.5	74	55	76	5.0	26	247	74	50	93	30.22	30.18	30.31	17.4	12.2	77.0	106
6/23/2005	0.00	20.5	69	62	87	6.7	15	81	83	67	95	30.42	30.30	30.47	18.3	12.3	76.3	99
6/24/2005	0.00	20.5	72	62	76	5.3	13	166	81	64	96	30.48	30.45	30.53	19.0	12.0	79.0	103
6/25/2005	0.00	20.5	73	62	80	5.0	14	175	85	66	96	30.44	30.42	30.46	20.1	12.6	78.1	106
6/26/2005	1.98	22.4	72	62	84	7.6	26	85	91	77	96	30.42	30.39	30.45	25.0	14.7	75.5	91
6/27/2005	0.45	22.9	73	67	79	12.3	29	175	91	80	96	30.38	30.33	30.42	34.4	18.2	76.1	92
6/28/2005	0.00	22.9	76	70	79	8.4	20	201	86	75	95	30.39	30.34	30.42	20.1	14.2	81.6	101
6/29/2005	0.64	23.5	71	70	81	7.3	18	196	92	77	95	30.32	30.27	30.36	37.7	18.7	72.3	83
6/30/2005	0.00	23.5	73	67	76	2.8	11	142	87	72	95	30.19	30.14	30.27	19.6	14.0	80.1	102

Monthly summary:

Total Annual rain	Avg temp	Min temp	Max temp	Avg wind	Max win	Avg W Dir	Avg RH	Min RH	Max RH	Avg BP	Min BP	Max BP	Av gF	Min FM	Av gFT	Max FT
4.87 23.58	70	50	96	7.1	29	170	81	36	97	30.29	29.85	30.53	20.24	9.8	75.62	115

July 2005

	Rainfall [Inches]		Air Temperature [Degrees F]			Wind Speed DIR			Relative Humidity [Percent]			Barometric Pressure [Inches]			Fuel Moist. [Percent]		Fuel Temp. [Degrees F]	
Date	Daily Total	Total for year	Avg	Min	Max	[MPH]		Avg	Avg	Min	Max	Avg	Min	Max	Avg	Min	Avg	Max
7/1/2005	0.00	23.5	77	66	81	3.9	13	186	85	70	96	30.07	30.01	30.11	17.0	12.5	82.9	105
7/2/2005	0.38	23.9	73	68	84	3.2	16	153	91	79	95	30.11	29.99	30.23	24.0	15.5	73.5	86
7/3/2005	0.00	23.9	73	66	81	7.8	18	44	82	69	96	30.34	30.24	30.40	24.4	13.5	79.1	100
7/4/2005	0.00	23.9	73	68	80	5.3	15	72	81	65	94	30.41	30.39	30.44	15.1	12.1	80.2	102
7/5/2005	0.00	23.9	76	66	81	8.0	18	178	82	70	91	30.30	30.20	30.40	14.9	12.1	81.3	103
7/6/2005	0.00	23.9	80	70	82	3.2	15	224	75	55	95	30.18	30.14	30.24	15.7	11.2	86.3	114
7/7/2005	0.00	23.9	75	71	91	9.4	22	128	83	73	90	30.31	30.23	30.35	15.7	13.8	78.0	94
7/8/2005	0.70	24.6	75	70	81	10.5	39	202	83	68	95	30.20	30.12	30.30	28.0	15.0	77.6	99
7/9/2005	0.00	24.6	77	63	83	4.3	15	219	76	46	95	30.33	30.30	30.36	15.9	11.2	81.9	106
7/10/2005	0.00	24.6	80	65	88	4.4	12	251	69	33	95	30.38	30.35	30.41	14.2	10.2	85.2	115
7/11/2005	0.00	24.6	82	69	92	5.4	17	260	67	39	92	30.35	30.31	30.39	13.6	9.7	86.4	111
7/12/2005	0.00	24.6	81	72	92	4.5	12	201	82	53	95	30.30	30.27	30.33	14.9	10.8	86.0	117
7/13/2005	0.00	24.6	79	72	95	5.7	16	152	84	67	96	30.26	30.23	30.30	16.4	12.0	84.0	106
7/14/2005	0.00	24.6	80	70	87	6.0	13	156	83	65	94	30.26	30.23	30.29	16.3	11.9	85.4	109
7/15/2005	0.00	24.6	79	74	88	4.7	12	174	86	68	95	30.30	30.26	30.40	17.2	12.6	83.9	108
7/16/2005	0.11	24.7	79	74	88	5.1	17	172	86	70	95	30.36	30.32	30.39	25.4	13.7	84.7	106
7/17/2005	0.00	24.7	80	72	89	6.7	14	188	84	71	94	30.33	30.28	30.36	16.3	12.1	86.6	107
7/18/2005	0.00	24.7	82	74	87	5.6	17	204	80	56	94	30.28	30.23	30.30	15.4	11.2	88.1	109
7/19/2005	0.00	24.7	84	73	93	6.1	17	222	76	57	94	30.25	30.21	30.28	14.5	11.1	90.0	112
7/20/2005	0.00	24.7	83	73	94	4.2	15	236	77	58	93	30.28	30.25	30.32	14.0	11.1	88.4	117
7/21/2005	0.00	24.7	83	74	93	5.5	19	199	76	59	94	30.26	30.21	30.32	15.1	10.8	89.0	112
7/22/2005	0.00	24.7	82	76	92	4.7	16	212	74	57	92	30.21	30.19	30.23	13.6	10.4	88.7	111
7/23/2005	0.00	24.7	80	74	90	7.4	21	120	71	53	92	30.27	30.19	30.36	13.9	10.4	85.8	109
7/24/2005	0.00	24.7	78	62	88	5.2	15	165	62	32	95	30.36	30.31	30.40	12.1	8.8	83.8	114
7/25/2005	0.19	24.9	79	61	90	9.1	22	203	72	56	89	30.23	30.14	30.32	17.8	11.6	83.3	104
7/26/2005	0.15	25.1	82	68	85	4.5	16	194	83	70	93	30.17	30.14	30.19	28.7	13.1	88.3	111
7/27/2005	0.00	25.1	80	74	92	7.3	31	206	86	71	95	30.12	30.07	30.18	16.8	12.0	87.3	109
7/28/2005	0.00	25.1	76	73	88	8.1	21	54	75	63	88	30.28	30.16	30.36	13.9	10.8	82.9	102
7/29/2005	0.08	25.1	76	71	82	3.8	12	155	85	70	92	30.42	30.37	30.45	28.0	15.4	77.8	91
7/30/2005	0.06	25.2	76	72	83	4.8	20	133	86	73	93	30.46	30.41	30.49	33.9	17.2	78.1	96
7/31/2005	0.00	25.2	77	71	83	6.8	18	51	84	69	92	30.45	30.41	30.48	17.3	14.3	81.0	103

Monthly summary:

Total Annual rain	Avg temp	Min temp	Max temp	Avg wind	Max win	Avg W Dir	Avg RH	Min RH	Max RH	Avg BP	Min BP	Max BP	Av gF	Min FM	Av gFT	Max FT
1.67 25.25	79	61	95	5.8	39	171	80	32	96	30.28	29.99	30.49	18.06	8.8	83.72	117

August 2005

	Rainfall [Inches]		Air Temperature [Degrees F]			Wind Speed DIR			Relative Humidity [Percent]			Barometric Pressure [Inches]			Fuel Moist. [Percent]		Fuel Temp. [Degrees F]	
Date	Daily Total	Total for year	Avg	Min	Max	[MPH]		Avg	Avg	Min	Max	Avg	Min	Max	Avg	Min	Avg	Max
8/1/2005	0.00	25.2	77	72	84	6.8	16	88	74	58	89	30.40	30.36	30.44	14.7	10.8	84.0	106
8/2/2005	0.00	25.2	80	67	84	5.3	19	224	76	54	94	30.30	30.24	30.36	14.2	10.5	85.3	116
8/3/2005	0.00	25.2	81	67	92	4.4	16	164	77	54	94	30.25	30.23	30.29	14.7	10.3	86.8	113
8/4/2005	0.00	25.2	80	67	90	4.8	14	192	81	58	95	30.34	30.30	30.38	14.5	10.2	85.2	114
8/5/2005	0.00	25.2	81	65	90	7.8	19	212	80	60	92	30.37	30.32	30.41	18.1	11.1	87.7	113
8/6/2005	0.41	25.6	77	73	90	3.3	23	116	85	74	92	30.40	30.37	30.43	27.7	15.0	79.1	102
8/7/2005	0.00	25.6	80	70	86	4.1	15	121	82	60	94	30.42	30.38	30.45	22.1	12.9	84.2	104
8/8/2005	0.00	25.6	80	72	87	4.6	11	177	83	64	93	30.44	30.42	30.47	16.8	13.3	83.7	104
8/9/2005	0.86	26.5	76	75	91	4.5	17	128	87	73	93	30.38	30.31	30.43	39.2	18.1	76.7	93
8/10/2005	0.00	26.5	79	71	84	2.8	14	210	82	62	95	30.27	30.22	30.31	32.8	14.4	83.5	109
8/11/2005	0.00	26.5	82	71	88	6.0	17	212	80	60	93	30.27	30.24	30.30	17.3	11.5	88.0	111
8/12/2005	0.00	26.5	82	75	91	6.3	15	199	83	69	93	30.29	30.26	30.32	16.7	11.6	88.0	109
8/13/2005	0.00	26.5	80	76	90	6.9	17	197	84	70	94	30.25	30.20	30.28	17.6	11.9	86.1	106
8/14/2005	0.00	26.5	78	73	87	6.5	17	195	84	67	94	30.24	30.22	30.27	16.8	11.5	85.0	108
8/15/2005	0.00	26.5	79	72	87	4.1	14	102	82	57	94	30.30	30.23	30.37	15.8	10.9	85.5	109
8/16/2005	0.27	26.7	79	70	92	5.3	14	81	81	63	92	30.32	30.25	30.37	19.8	11.8	83.3	111
8/17/2005	0.05	26.8	76	74	87	7.0	21	118	70	32	93	30.26	30.20	30.31	27.3	11.0	82.0	107
8/18/2005	0.00	26.8	79	66	87	4.7	12	187	68	49	92	30.33	30.31	30.36	13.8	9.6	83.9	110
8/19/2005	0.20	27.2	77	66	89	9.8	20	129	76	63	91	30.33	30.31	30.36	29.1	11.9	77.3	101
8/20/2005	0.00	27.2	80	71	87	4.0	14	169	81	64	94	30.28	30.24	30.32	23.9	12.3	85.8	110
8/21/2005	0.00	27.2	84	69	90	5.5	14	238	77	53	93	30.17	30.12	30.24	16.0	11.3	88.7	110
8/22/2005	0.00	27.2	83	76	95	4.5	17	262	52	32	82	30.15	30.12	30.19	11.4	8.3	87.6	115
8/23/2005	0.31	27.5	74	68	93	2.8	12	90	79	66	91	30.26	30.21	30.30	24.2	13.7	73.0	81
8/24/2005	0.00	27.5	74	69	79	6.2	18	28	77	58	92	30.35	30.27	30.46	20.2	12.1	78.1	104
8/25/2005	0.00	27.5	74	63	83	5.9	16	50	61	40	85	30.49	30.46	30.53	13.6	9.7	78.3	106
8/26/2005	0.00	27.5	76	66	83	4.2	13	92	64	46	93	30.41	30.34	30.48	12.2	9.3	79.9	108
8/27/2005	0.00	27.5	76	61	85	6.8	14	143	76	65	87	30.29	30.27	30.32	14.7	12.8	77.7	95
8/28/2005	0.00	27.5	79	73	83	3.3	11	144	79	59	94	30.24	30.21	30.27	15.2	10.4	84.1	110
8/29/2005	0.00	27.5	78	68	89	4.5	13	71	83	68	95	30.25	30.23	30.28	15.0	10.5	84.3	108
8/30/2005	0.00	27.5	81	66	87	9.4	23	157	85	72	93	30.17	30.09	30.23	17.3	13.1	84.7	100
8/31/2005	0.00	27.5	83	76	87	13.7	27	220	72	50	91	29.95	29.88	30.04	15.2	10.9	88.6	110

Monthly summary:

Total Annual rain	Avg temp	Min temp	Max temp	Avg wind	Max win	Avg W Dir	Avg RH	Min RH	Max RH	Avg BP	Min BP	Max BP	Av gF	Min FM	Av gFT	Max FT
2.1 27.58	79	61	95	5.7	27	152	77	32	95	30.3	29.88	30.53	18.96	8.3	83.43	116

September 2005

	Rainfall [Inches]		Air Temperature [Degrees F]			Wind Speed DIR			Relative Humidity [Percent]			Barometric Pressure [Inches]			Fuel Moist. [Percent]		Fuel Temp. [Degrees F]	
Date	Daily Total	Total for year	Avg	Min	Max	[MPH]		Avg	Avg	Min	Max	Avg	Min	Max	Avg	Min	Avg	Max
9/1/2005	0.00	27.5	79	75	93	6.2	19	288	60	36	76	29.95	29.88	30.04	11.7	9.2	84.9	113
9/2/2005	0.00	27.5	80	71	89	3.9	15	272	62	35	86	30.16	30.05	30.24	12.3	8.6	83.8	113
9/3/2005	0.00	27.5	75	71	91	5.1	17	172	62	44	91	30.24	30.19	30.28	11.9	8.7	79.9	105
9/4/2005	0.00	27.5	74	61	82	7.2	23	131	65	47	90	30.31	30.24	30.35	12.2	9.1	77.9	104
9/5/2005	0.00	27.5	75	65	82	11.4	25	40	68	50	86	30.42	30.35	30.50	13.2	9.8	79.9	103
9/6/2005	0.00	27.5	74	67	82	13.8	25	52	59	48	76	30.59	30.50	30.66	11.4	9.4	78.3	99
9/7/2005	0.00	27.5	74	69	80	10.2	23	42	74	59	87	30.63	30.61	30.67	13.3	10.0	78.8	100
9/8/2005	0.00	27.5	72	66	81	4.4	12	147	76	55	93	30.53	30.45	30.59	15.4	10.0	77.4	105
9/9/2005	0.00	27.5	75	63	81	4.4	13	183	75	52	94	30.38	30.32	30.44	14.8	10.2	78.1	108
9/10/2005	0.00	27.5	76	62	86	9.6	17	77	62	42	81	30.34	30.31	30.39	12.5	9.2	81.0	105
9/11/2005	0.00	27.5	74	71	83	9.9	19	76	57	46	67	30.45	30.39	30.49	11.3	9.2	78.7	102
9/12/2005	0.00	27.5	72	69	81	4.5	14	198	70	47	93	30.54	30.47	30.59	12.7	9.0	74.5	105
9/13/2005	0.00	27.5	74	55	83	4.0	11	187	77	45	95	30.45	30.36	30.54	13.9	9.2	77.4	108
9/14/2005	0.00	27.5	79	55	87	7.3	14	97	87	71	94	30.32	30.29	30.35	17.4	12.0	83.7	106
9/15/2005	0.00	27.5	79	75	87	8.3	14	76	85	69	93	30.26	30.22	30.30	18.3	12.1	84.5	110
9/16/2005	0.00	27.5	79	75	87	8.6	20	65	85	73	93	30.27	30.22	30.30	18.8	13.7	82.1	99
9/17/2005	0.33	27.9	79	73	85	5.8	24	204	83	62	93	30.24	30.17	30.29	20.7	12.0	82.9	106
9/18/2005	0.00	27.9	75	69	87	5.2	14	126	75	57	92	30.21	30.17	30.24	28.7	13.0	78.5	102
9/19/2005	0.00	27.9	77	66	83	5.6	17	223	72	46	94	30.31	30.22	30.40	15.8	10.5	80.4	109
9/20/2005	0.00	27.9	78	66	88	9.3	24	211	80	68	91	30.47	30.40	30.52	16.0	12.0	80.6	99
9/21/2005	0.00	27.9	73	72	84	5.5	18	173	69	50	93	30.39	30.32	30.47	14.4	10.2	77.0	103
9/22/2005	0.00	27.9	73	59	82	7.0	20	211	70	42	95	30.40	30.30	30.44	13.5	9.8	75.0	106
9/23/2005	0.00	27.9	79	57	84	6.7	18	236	74	53	86	30.38	30.30	30.43	13.6	10.6	83.4	109
9/24/2005	0.00	27.9	73	71	88	15.5	30	58	71	65	81	30.29	30.25	30.33	14.3	13.5	74.1	82
9/25/2005	0.00	27.9	74	69	76	8.4	15	129	62	47	74	30.49	30.34	30.57	12.4	9.6	78.9	103
9/26/2005	0.07	27.9	77	69	83	11.9	31	198	75	61	92	30.52	30.43	30.58	16.9	10.7	81.0	101
9/27/2005	0.00	27.9	73	71	83	7.8	23	218	64	38	90	30.23	30.07	30.42	25.3	11.9	76.3	104
9/28/2005	0.00	27.9	71	60	83	6.2	23	178	67	40	88	30.23	30.07	30.37	14.1	10.0	75.3	103
9/29/2005	0.00	27.9	72	59	81	10.0	24	228	68	48	84	30.41	30.35	30.47	13.9	12.4	73.0	95
9/30/2005	0.00	27.9	61	60	81	6.5	21	112	54	36	88	30.24	30.14	30.34	11.7	9.2	63.5	89

Monthly summary:

Total Annual rain	Avg temp	Min temp	Max temp	Avg wind	Max win	Avg W Dir	Avg RH	Min RH	Max RH	Avg BP	Min BP	Max BP	Av gF	Min FM	Av gFT	Max FT
0.4 27.98	75	55	93	7.7	31	154	70	35	95	30.35	29.88	30.67	15.09	8.6	78.7	113

October 2005

	Rainfall [Inches]		Air Temperature [Degrees F]			Wind Speed DIR			Relative Humidity [Percent]			Barometric Pressure [Inches]			Fuel Moist. [Percent]		Fuel Temp. [Degrees F]	
Date	Daily Total	Total for year	Avg	Min	Max	[MPH]		Avg	Avg	Min	Max	Avg	Min	Max	Avg	Min	Avg	Max
10/1/2005	0.00	27.9	64	44	70	4.3	12	157	66	39	95	30.58	30.50	30.62	12.7	9.1	64.8	98
10/2/2005	0.00	27.9	66	44	75	5.9	16	118	72	51	93	30.64	30.61	30.67	14.1	10.1	69.8	97
10/3/2005	0.10	28.0	70	50	76	7.8	20	65	84	70	91	30.62	30.59	30.65	21.9	12.4	71.6	92
10/4/2005	0.00	28.0	73	62	78	9.5	19	50	84	73	92	30.58	30.56	30.61	18.7	14.1	76.9	97
10/5/2005	0.00	28.0	73	69	79	9.4	17	63	81	68	90	30.55	30.51	30.58	16.5	13.1	77.1	96
10/6/2005	0.00	28.0	76	69	79	7.8	14	103	85	68	93	30.44	30.37	30.50	17.4	12.4	80.6	102
10/7/2005	0.01	28.0	75	71	84	13.6	25	138	88	73	92	30.23	30.09	30.36	25.1	14.6	77.3	94
10/8/2005	1.88	29.9	73	73	82	15.2	44	185	93	91	94	29.98	29.83	30.08	55.0	55.0	73.9	76
10/9/2005	0.00	29.9	63	64	76	5.0	13	183	88	79	94	30.16	30.01	30.25	38.8	22.0	65.0	75
10/10/2005	0.17	30.1	66	59	68	8.0	20	90	93	90	95	30.26	30.23	30.29	35.7	22.0	66.3	70
10/11/2005	0.00	30.1	65	63	69	6.8	18	52	90	81	94	30.26	30.23	30.30	24.6	19.5	66.8	76
10/12/2005	0.02	30.1	62	62	69	10.7	26	207	87	73	94	30.27	30.21	30.30	27.7	18.1	63.6	73
10/13/2005	0.05	30.2	65	59	67	7.9	27	268	93	88	95	30.17	30.12	30.20	31.9	20.6	66.8	77
10/14/2005	0.01	30.2	66	60	71	9.7	28	270	88	81	94	30.09	30.04	30.12	36.6	20.3	66.7	77
10/15/2005	0.00	30.2	68	62	69	7.8	26	299	64	44	83	29.96	29.88	30.04	16.2	13.3	69.9	89
10/16/2005	0.00	30.2	62	60	77	11.3	34	287	54	43	65	30.07	30.04	30.12	12.6	11.2	63.9	82
10/17/2005	0.00	30.2	59	56	68	7.9	22	277	63	42	88	30.12	30.09	30.17	12.7	10.3	61.4	85
10/18/2005	0.00	30.2	65	53	68	5.9	18	246	68	42	91	30.09	30.01	30.17	14.7	10.8	64.9	92
10/19/2005	0.00	30.2	63	51	78	5.0	18	171	75	45	93	30.21	30.14	30.28	15.8	11.0	64.3	93
10/20/2005	0.00	30.2	63	46	74	9.5	25	99	74	55	92	30.24	30.14	30.32	17.0	12.8	64.7	80
10/21/2005	1.11	31.3	59	56	66	14.5	25	61	90	85	93	30.25	30.17	30.31	48.0	36.8	58.8	61
10/22/2005	0.15	31.4	65	54	64	10.9	27	210	87	75	94	29.95	29.85	30.15	37.2	21.1	65.4	75
10/23/2005	0.00	31.4	56	55	72	7.7	24	290	63	40	92	30.10	29.95	30.22	16.5	13.7	57.3	81
10/24/2005	0.72	32.2	58	41	67	22.6	65	88	77	57	94	30.02	29.64	30.21	31.6	14.5	57.3	64
10/25/2005	0.25	32.4	52	43	62	13.9	42	217	88	80	93	29.69	29.55	29.86	42.8	25.0	52.0	58
10/26/2005	0.00	32.4	51	45	59	9.7	25	294	66	47	83	30.15	29.87	30.38	18.1	15.2	53.5	71
10/27/2005	0.00	32.4	51	45	60	4.7	14	273	64	37	82	30.47	30.38	30.55	14.7	12.8	53.9	80
10/28/2005	0.00	32.4	49	45	62	6.6	22	140	65	50	73	30.54	30.50	30.59	14.0	12.8	48.9	68
10/29/2005	0.00	32.4	48	43	58	6.3	20	309	64	47	77	30.53	30.48	30.57	13.7	12.2	48.5	69
10/30/2005	0.00	32.4	52	41	58	7.1	20	289	66	37	88	30.55	30.51	30.60	13.6	10.9	52.8	82
10/31/2005	0.00	32.4	55	43	66	4.8	15	213	81	61	94	30.54	30.48	30.59	16.5	12.0	54.0	84

Monthly summary:

Total Annual rain	Avg temp	Min temp	Max temp	Avg wind	Max win	Avg W Dir	Avg RH	Min RH	Max RH	Avg BP	Min BP	Max BP	Av gF	Min FM	Av gFT	Max FT
4.47 32.45	62	41	84	9.0	65	184	77	37	95	30.27	29.55	30.67	23.62	9.1	63.82	102

November 2005

	Rainfall [Inches]		Air Temperature [Degrees F]			Wind Speed DIR			Relative Humidity [Percent]			Barometric Pressure [Inches]			Fuel Moist. [Percent]		Fuel Temp. [Degrees F]	
Date	Daily Total	Total for year	Avg	Min	Max	[MPH]		Avg	Avg	Min	Max	Avg	Min	Max	Avg	Min	Avg	Max
11/1/2005	0.00	32.4	60	39	68	8.6	21	206	73	46	89	30.35	30.20	30.48	16.3	12.5	60.3	81
11/2/2005	0.00	32.4	55	48	68	5.7	22	312	62	33	88	30.37	30.20	30.54	14.2	11.0	55.8	81
11/3/2005	0.00	32.4	56	42	65	7.3	26	237	70	42	93	30.51	30.42	30.61	14.8	11.6	53.9	80
11/4/2005	0.00	32.4	60	41	68	9.5	23	210	67	45	83	30.36	30.31	30.42	13.6	11.3	61.5	81
11/5/2005	0.00	32.4	62	53	67	7.2	18	209	80	66	92	30.35	30.33	30.38	15.8	12.5	62.9	82
11/6/2005	0.00	32.4	64	57	69	8.8	20	203	82	67	93	30.32	30.24	30.39	21.3	14.1	64.7	82
11/7/2005	0.00	32.4	58	58	69	2.3	18	287	68	33	93	30.46	30.33	30.50	15.4	11.4	56.3	87
11/8/2005	0.00	32.4	59	43	72	4.6	17	211	75	38	93	30.41	30.35	30.50	15.6	11.6	59.7	84
11/9/2005	0.00	32.4	64	48	73	8.2	26	150	83	71	93	30.25	30.01	30.40	17.1	13.7	66.2	84
11/10/2005	0.18	32.6	56	57	70	10.0	29	281	60	40	90	30.10	29.91	30.33	21.4	14.6	56.2	67
11/11/2005	0.00	32.6	47	45	66	6.4	22	293	55	37	91	30.42	30.34	30.49	13.7	12.1	47.5	73
11/12/2005	0.00	32.6	51	32	57	4.8	17	234	64	30	95	30.59	30.50	30.64	13.6	10.9	49.8	82
11/13/2005	0.00	32.6	59	32	63	8.5	21	205	75	54	90	30.58	30.52	30.63	14.8	12.0	60.0	82
11/14/2005	0.00	32.6	62	48	67	6.0	18	164	77	55	90	30.56	30.50	30.61	15.0	12.1	64.3	91
11/15/2005	0.00	32.6	62	55	76	8.6	19	168	88	79	93	30.53	30.47	30.58	17.9	14.4	64.0	81
11/16/2005	0.09	32.7	64	58	69	13.5	30	208	85	76	91	30.33	30.21	30.45	19.6	14.1	65.8	83
11/17/2005	0.26	32.9	44	46	70	9.7	29	332	59	41	90	30.49	30.35	30.62	23.0	14.6	45.0	64
11/18/2005	0.00	32.9	37	34	50	5.8	26	320	53	32	72	30.63	30.59	30.68	13.8	12.7	38.8	62
11/19/2005	0.00	32.9	42	27	47	2.9	13	217	58	29	88	30.65	30.62	30.71	13.7	11.3	39.6	67
11/20/2005	0.00	32.9	49	25	53	3.3	13	231	75	36	94	30.55	30.44	30.63	14.4	11.4	47.3	77
11/21/2005	1.84	34.8	54	33	62	5.6	30	160	93	85	95	30.09	29.52	30.42	33.9	16.4	54.0	58
11/22/2005	0.65	35.4	47	48	57	12.5	33	257	77	49	95	29.52	29.34	29.79	36.8	17.6	47.6	55
11/23/2005	0.00	35.4	39	40	55	10.1	34	266	49	36	64	29.93	29.81	30.02	15.6	14.6	39.5	52
11/24/2005	0.00	35.4	48	33	45	10.2	38	258	57	40	80	29.77	29.62	30.15	14.0	12.9	49.0	73
11/25/2005	0.00	35.4	32	32	61	5.5	32	305	39	26	64	30.51	30.19	30.65	12.2	10.7	32.5	55
11/26/2005	0.00	35.4	37	26	40	2.6	12	256	62	33	93	30.62	30.57	30.67	13.1	11.0	35.5	64
11/27/2005	0.00	35.4	47	24	51	4.3	12	118	86	62	96	30.58	30.54	30.63	14.8	12.4	47.4	71
11/28/2005	0.00	35.4	58	30	59	8.5	17	126	86	72	93	30.51	30.47	30.55	17.0	13.9	59.2	80
11/29/2005	0.10	35.5	59	53	65	13.9	27	149	87	79	92	30.32	30.17	30.46	22.8	14.8	60.2	69
11/30/2005	0.38	35.9	55	55	64	6.8	27	281	79	59	94	30.22	30.16	30.31	31.7	17.0	54.8	67

Monthly summary:

Total Annual rain	Avg temp	Min temp	Max temp	Avg wind	Max win	Avg W Dir	Avg RH	Min RH	Max RH	Avg BP	Min BP	Max BP	Av gF	Min FM	Av gFT	Max FT
3.5 35.95	53	24	76	7.4	38	228	71	26	96	30.36	29.34	30.71	17.89	10.7	53.31	91

December 2005

	Rainfall [Inches]		Air Temperature [Degrees F]			Wind Speed DIR			Relative Humidity [Percent]			Barometric Pressure [Inches]			Fuel Moist. [Percent]		Fuel Temp. [Degrees F]	
Date	Daily Total	Total for year	Avg	Min	Max	[MPH]		Avg	Avg	Min	Max	Avg	Min	Max	Avg	Min	Avg	Max
12/1/2005	0.00	35.9	42	41	63	7.1	22	313	74	64	79	30.16	30.04	30.30	16.4	15.4	42.9	58
12/2/2005	0.00	35.9	40	36	50	13.5	35	286	54	36	79	30.13	30.03	30.33	14.7	13.6	40.3	54
12/3/2005	0.00	35.9	36	32	47	8.9	26	278	44	26	68	30.42	30.35	30.49	12.9	11.9	37.6	52
12/4/2005	0.28	36.2	48	32	43	9.8	27	219	77	55	93	30.19	30.05	30.42	25.0	16.2	48.9	60
12/5/2005	0.71	36.9	36	39	56	8.0	24	56	83	59	96	30.36	30.16	30.48	28.4	16.1	35.8	40
12/6/2005	0.25	37.1	34	32	41	8.3	24	300	77	58	95	30.39	30.15	30.59	24.5	17.2	35.5	50
12/7/2005	0.00	37.1	34	31	39	5.9	18	303	61	44	89	30.74	30.59	30.93	16.6	14.9	35.1	55
12/8/2005	0.00	37.1	30	29	41	6.3	23	271	60	47	75	30.91	30.65	31.02	14.6	13.8	31.2	51
12/9/2005	0.60	37.7	39	27	43	11.6	33	249	73	52	94	30.39	30.26	30.61	21.4	15.1	39.8	53
12/10/2005	0.00	37.7	38	32	51	6.1	21	250	70	46	88	30.35	30.08	30.50	16.1	14.8	38.6	55
12/11/2005	0.00	37.7	42	29	46	5.4	18	245	73	47	91	29.98	29.91	30.04	17.0	14.2	42.3	65
12/12/2005	0.00	37.7	39	33	50	4.4	17	268	63	40	85	30.12	30.01	30.29	14.7	13.4	40.8	60
12/13/2005	0.00	37.7	30	33	47	8.4	20	343	49	31	65	30.49	30.29	30.65	12.9	11.9	32.0	48
12/14/2005	0.00	37.7	30	25	35	6.8	18	227	69	62	83	30.70	30.63	30.75	13.6	13.1	30.0	41
12/15/2005	0.51	38.3	43	25	36	15.5	35	90	78	64	95	30.41	30.01	30.64	25.5	13.8	43.0	52
12/16/2005	0.61	38.9	44	35	53	9.2	36	245	80	50	95	30.18	29.87	30.49	27.8	16.6	44.7	60
12/17/2005	0.00	38.9	38	32	53	2.9	14	175	66	41	93	30.73	30.52	30.82	16.6	14.9	37.6	56
12/18/2005	0.00	38.9	37	32	47	3.0	14	144	72	55	96	30.73	30.61	30.80	15.7	14.7	34.8	47
12/19/2005	0.00	38.9	37	25	43	4.2	22	313	63	46	94	30.53	30.46	30.58	15.3	14.0	36.5	56
12/20/2005	0.00	38.9	32	29	47	7.5	25	288	50	28	74	30.47	30.42	30.53	13.6	12.4	32.0	51
12/21/2005	0.00	38.9	31	27	41	4.4	17	272	61	39	93	30.50	30.46	30.56	13.4	11.9	31.0	55
12/22/2005	0.00	38.9	34	21	40	3.8	14	247	67	39	94	30.53	30.44	30.62	14.0	12.0	34.2	61
12/23/2005	0.00	30.4	40	28	43	6.8	18	215	69	37	85	30.34	30.20	30.40	14.4	12.5	39.9	65
12/24/2005	0.00	38.9	41	31	52	4.6	13	204	73	43	95	30.23	30.20	30.28	14.3	12.4	38.2	66
12/25/2005	0.98	39.8	46	31	51	7.0	27	171	94	86	96	29.98	29.71	30.19	28.9	16.0	44.0	54
12/26/2005	0.00	39.8	46	34	55	11.3	36	264	79	60	96	29.78	29.68	29.99	33.0	17.3	45.9	53
12/27/2005	0.00	39.8	40	41	49	8.1	29	284	67	49	94	30.17	29.99	30.27	16.0	14.5	39.7	60
12/28/2005	0.00	39.8	44	30	49	7.2	17	187	87	72	96	30.12	29.92	30.25	17.5	15.1	43.3	60
12/29/2005	0.08	39.9	47	30	52	6.9	24	231	89	72	95	29.73	29.61	29.88	35.6	18.3	47.8	52
12/30/2005	0.00	39.9	43	44	52	6.4	24	297	74	56	95	30.08	29.86	30.20	17.8	15.3	43.5	65
12/31/2005	0.00	39.9	45	32	54	5.0	16	205	89	82	96	30.10	29.97	30.19	18.1	16.3	41.9	59

Monthly summary:

Total Annual rain [rain]	Avg temp	Min temp	Max temp	Avg wind	Max win	Avg W Dir	Avg RH	Min RH	Max RH	Avg BP	Min BP	Max BP	Av gF	Min FM	Av gFT	Max FT
4.02 39.97	39	21	63	7.2	36	240	70	26	96	30.32	29.61	31.02	18.92	11.9	38.99	66