

Ham Radio & Weather Stations



Weather Display the weather station software

Welcome

Features

Supported weatherstations

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European & German Webpage

*Quick start FAQs

*WIKI online Help

*PDF Wiki Manual

*Detailed FAQ/Help

*Version History

Weather Display

Current Conditions, WD 10.37N

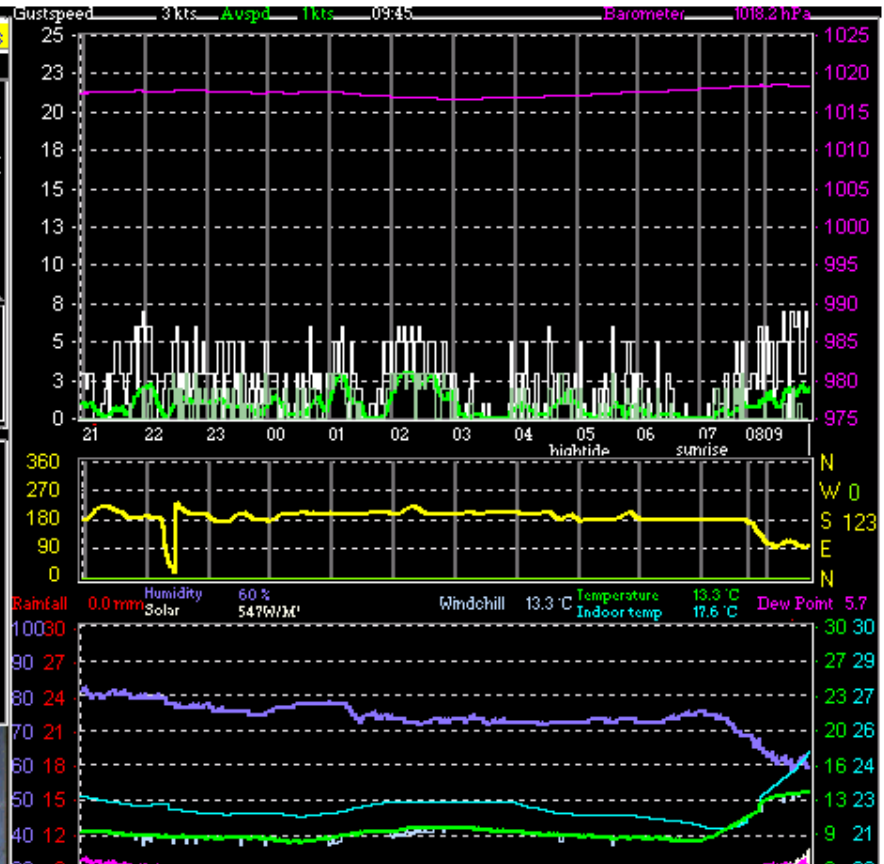
Average wind speed	0.6 kts	Solar: 547 w/m2	100.0% 01:13hrs
Current wind speed	1.7 kts	Wind speed (kts)	4.4 mm ET
Temperature	13.3 °C		
Temp rate	+2.5 °C/hr	Barometer	1018.2 hPa
Barometer	1018.2 hPa	Pressure rate	-0.3 hPa/hr
Humidity	60%	Soil 10cm	12.3 °C
Dew pt depr.	7.6 °C	Heat index	13.3 °C
Indoor temp.	17.6 °C	Dew point	5.7 °C
Indoor hum.	59%	THSW	12.9 °C

Extreme conditions - Values are reset at 9 hr

Maximum gust today	7.0 kts ESE	At Time	9:17 AM
Maximum gust last hour	7.0 kts ESE		9:17 AM
Maximum average	5.6 kts E		9:18 AM
Maximum temperature	13.3 °C		9:36 AM
Minimum temperature	12.4 °C		9:00 AM
Maximum Rain rate	0.0 mm/min (0.0 mm/hr)		09:00 AM

Rainfall - Rain reset at 9 hr

Last hour	0.0 mm	
Today	0.0 mm	0.0
Yesterday	2.7 mm	



Weather Display – Main Panel

Current Conditions, WD 10.37N

Average wind speed	0.0 mph	Windrun 0.1 miles
Current wind speed	0.0 mph	Wind speed (mph)
Temperature	82.0 °F	Wind direction
Temp rate	+4.7 °F /hr	WSW 248 °
Barometer	30.038 in.	
Pressure rate	-0.012 in./hr	
Humidity	46 %	
Dew pt depr.	22.8 °F	Heat index <small>MHI</small>
Indoor temp.	82.8 °F	82.2 °F
Indoor hum.	41 %	Dew point
		59.2 °F
		Wet bulb
		68.0 °F

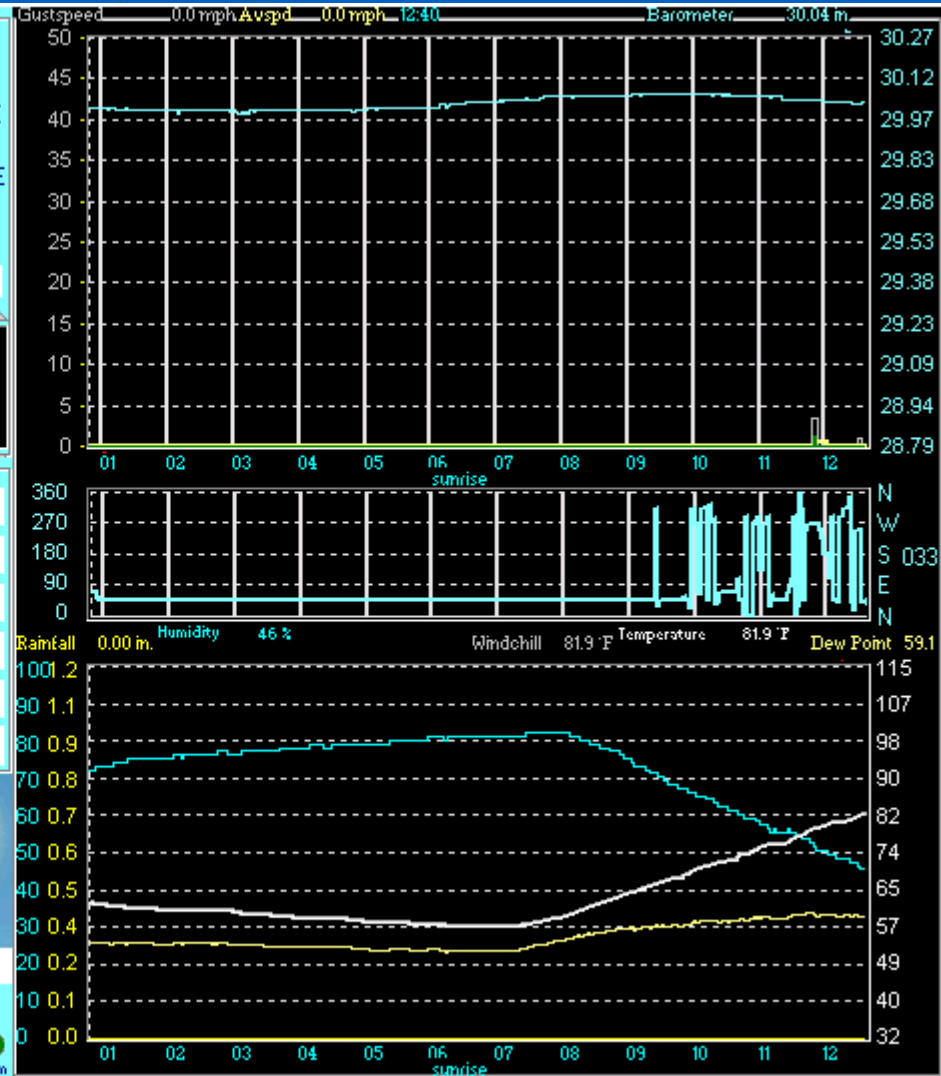
Extreme conditions - Values reset at 0 hr

	At Time
Maximum gust today	3.6 mph W 11:50 AM
Maximum gust last hour	3.6 mph W 11:51 AM
Maximum average	3.6 mph W 11:51 AM
Maximum temperature	82.0 °F 12:33 PM
Minimum temperature	56.8 °F 6:28 AM
Maximum Rain rate	0.000 in./min (0.000 in./hr) 00:00 AM

Rainfall - Rain reset at 0 hr

Last hour	0.00 in.
Today	0.00 in.
Yesterday	0.12 in.
Month to date	0.12 in.
Year to date	13.06 in.
Rain rate	0.000 in./min (0.000 in./hr)

9/15/2009 12:40:01 PM
Data Received 224683



Control Panel



Station Settings



COM Port



Station Type & Settings



Units & Other Settings



Solar/Lunar & Coordinates



Solar Sensor



Offsets & Initial Rain



Colours



Summary Images & Icons



Data Logger



Dallas 1 Wire



WS2010-13/
WS2500



Data Backup



Weather Talk



Weather Answer Phone



Graph Setup

Reset All

Web Site Configurations



FTP & Connections
METAR/NOAA FTP



Web Files/Web Page
Real Time FTP/WDL



Internet
File Creation & Uploads



Web Cam



Custom
Tag Files



WYSIWYG
Web Site HTML



Mesomap Setup

- Set 1
- Set 2
- Set 3

Position stations

Publication



AWEKAS



Anything
Weather



CWOP



MySQL
Database



NOAA
Warnings



Weather
For You



Weather
Underground



WEDAAL



Warning Alerts
& E-mail



xAP

OK

Cancel



Citizen Weather Observer Program

<http://www.wxqa.com/>

The Citizen Weather Observer Program (CWOP) is a private-public partnership.

- 1) to collect weather data contributed by citizens;
- 2) to make these data available for weather services and homeland security;
- 3) to provide feedback to the data contributors so that they have the tools to check and improve their data quality.

In fact, the web address, wxqa.com, stands for weather quality assurance.

Main setup Listen to other data

APRS data send times

Hrs: 12 Mins: 54

0 Offset minutes by

Upload Hourly

Upload every 5 minutes

Upload every 10 mins

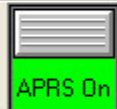
Upload every 15 mins

Upload every 30 mins

Remove Time

Clear All

- 00:00
- 00:05
- 00:10
- 00:15
- 00:20
- 00:25
- 00:30
- 00:35
- 00:40
- 00:45
- 00:50
- 00:55
- 01:00
- 01:05
- 01:10
- 01:15
- 01:20
- 01:25
- 01:30
- 01:35
- 01:40
- 01:45
- 01:50
- 01:55
- 02:00
- 02:05



Test

Note: The main internet switch, under ftp/internet setup, needs to be ON
 Licensed Ham APRS Validation Number



(not needed for normal operation)

Use gust last 10 minutes only

VP altimeter setup

Send Altimeter pressure (Davis VP station)

Current raw baro 0.0 hpa 0.000 in.

Altitude 125 ft

Virtual temp 71 F

C 3.0 F

CWOP/APRS Data send

Join the APRS network with only a internet connection !

Station ID

KG6JXZ

I am not using a CWOP ID

Latitude

3700.30N

e.g 4003.37N

Longitude

-120.83333W

e.g 10503.37W

Degrees	Minutes	Seconds	Lat.	<input type="checkbox"/> Southern hemisphere
0	0	0	Lat.	<input type="checkbox"/> Southern hemisphere
0	0	0	Long.	<input type="checkbox"/> Eastern hemisphere

Convert

The format for the latitude is DDMM.SS(N or S)
 Note: The format for the longitude is DDDMM.SS(Wor E)

Check lat/long

- [Click here to go to the sign up page](#)
- [Click here to go to view your data](#)
- [Click here to go to the eagle map location page](#)
- [Click here to go to the NOAA surface reports web site](#)
- [Click here to go to a world java viewer of aprs weather data](#)
- [Click here for a list of the last weather stations received recently](#)

Server rotation setup

23 Use this server port number instead

Other server to use Use this server instead

ahubwest.net Select from list

Server to rotate to Port Current default server

socal.aprs2.net 23 cwop.aprs.net

KE6FOA-3 - info

2009-07-24 00:21:09z - 2009-09-15 03:28:23z

APRS/CWOP weather 2009-09-15 02:51:23z: [[show weather charts](#)]

Temperature **72.0°F** Humidity **46%** Pressure **1011 mbar**

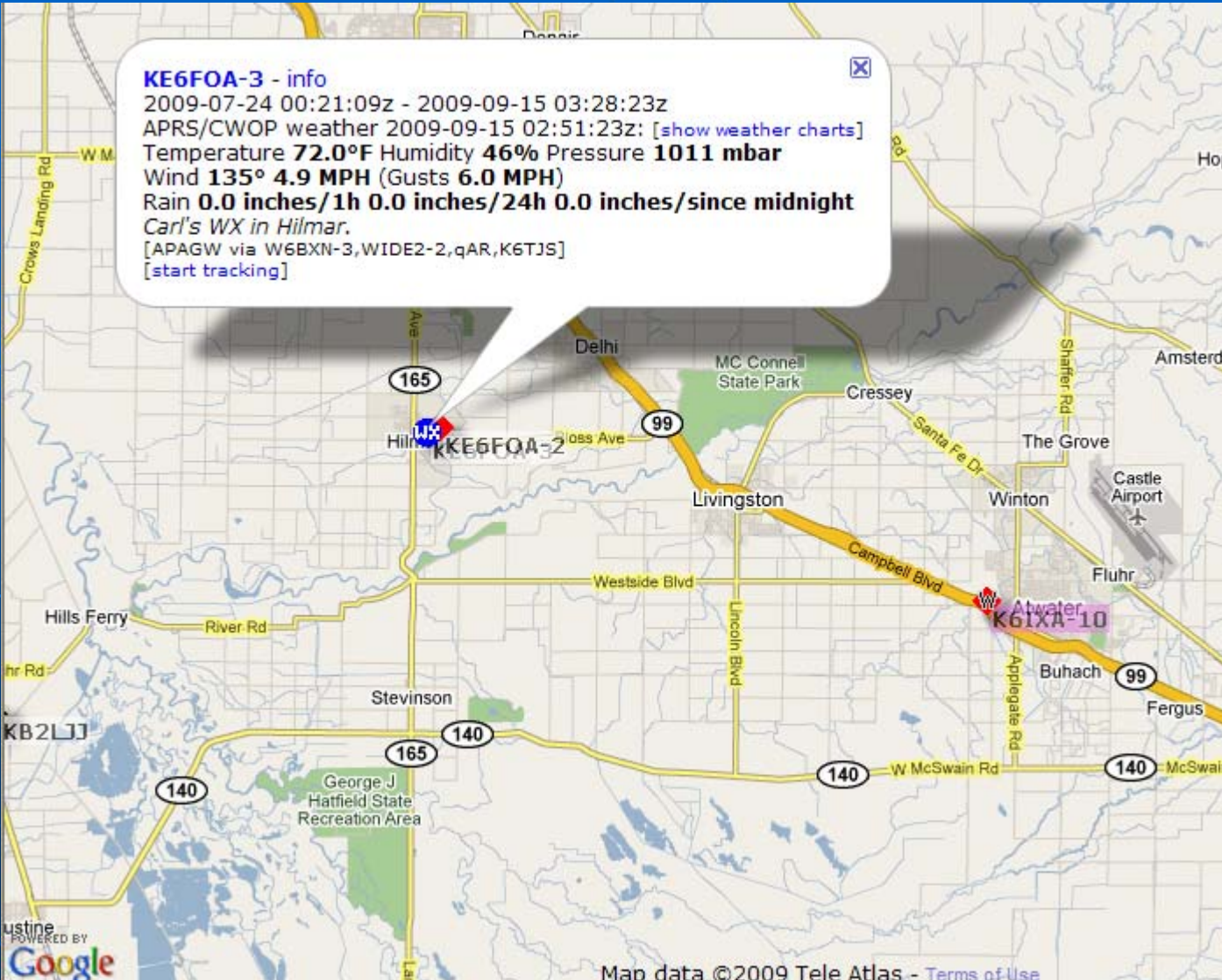
Wind **135° 4.9 MPH** (Gusts **6.0 MPH**)

Rain **0.0 inches/1h 0.0 inches/24h 0.0 inches/since midnight**

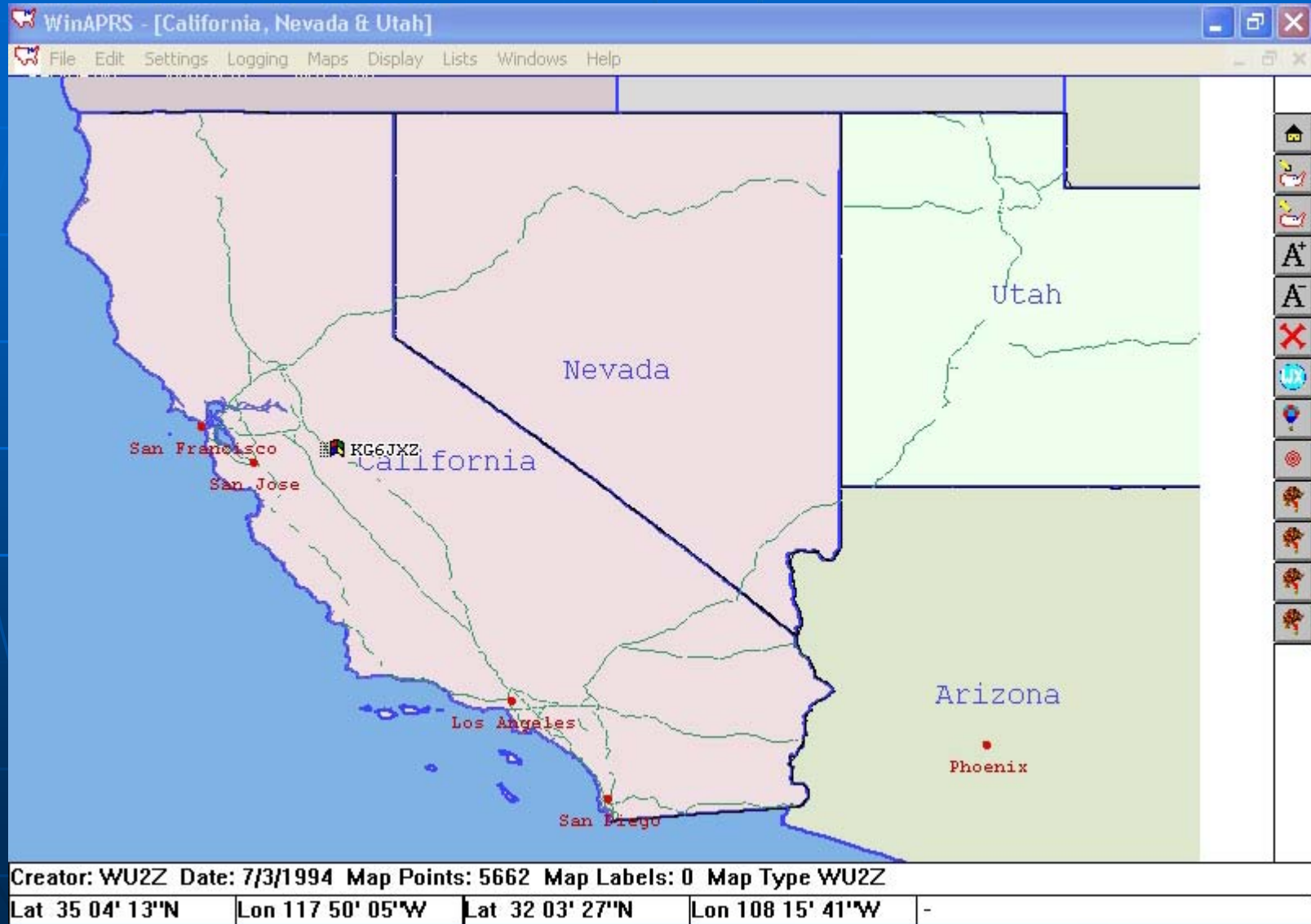
Carl's WX in Hilmar.

[APAGW via W6BXN-3,WIDE2-2,qAR,K6TJS]

[[start tracking](#)]



WinAPRS



WinAPRS - [California, Nevada & Utah]

File Edit Settings Logging Maps Display Lists Windows Help



N3DGE-9>T0PP1S,N3XKU-15,KA1UDX-1,WIDE1,WI3Z-1*,WIDE2-1,qAR,KA1UDX-1:'g[l@Tj/>"4a)Haribol

Lat 42 10' 41"N

Lon 115 07' 52"W

Lat 32 03' 27"N

New station

-

www.kf6fir.net

Ceres

Modesto

Turlock





[KF6FIR](#)

[KD6YWO](#)

KF6FIR Weather Data

Ceres, California

Curr weather **Night time**
 Temperature **69.6 °F** Hi 82.0 °F
 Humidity **57 %** Lo 58.8 °F
 Dew point **53.7 °F**
 Average speed **3.9 mph**
 Current speed **5.1 mph**
 Direction **W**
 Gust last hour **5.1 mph W**
 Barometer **29.988 in.**
 Today's rain **0.12 in.**
 Cloud base **3642 ft** Heat index **76.3 °F**

Forecast Icon



25 days, 18%

Time: 8:30 PM
Date: 09/14/2009

Weather Data

LAST READING AT TIME: 8:30 PM DATE: September 14 2009 , Time of next update: 8:35 PM

Current Weather	Night time	Current Temperature	69.6°F (20.9°C) (Heat Index 76.3°F), Apparent temp 69.3°F
Maximum Temperature (since midnight)	82.0°F at 5:02 PM	Minimum Temperature (since midnight)	58.8°F at 5:43 AM
Average windspeed (ten minute)	2.1 mph	Wind Direction (ten minute)	WNW (296°)
Heat Index	76.3°F	Maximum Gust (last hour)	5.1 mph at 8:29PM
Maximum Gust (since midnight)	8.7 mph at 9:24 AM	Maximum 1 minute average (since midnight)	8.7 mph at 9:25 AM

www.kf6fir.net

For Consideration:

Install a full time APRS Gateway

Install a Weather Station on the gateway