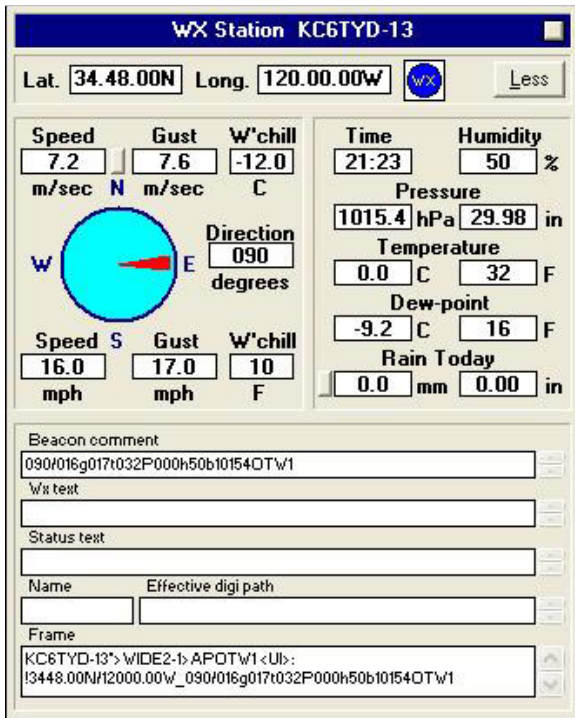


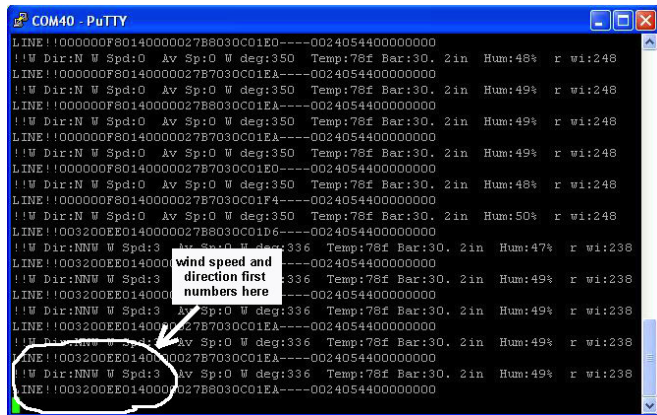
- ADS-WS1 Terminal Block Connections**
- | Pin | Function                             |
|-----|--------------------------------------|
| 1   | Ground                               |
| 2   | Receive audio (from radio)           |
| 3   | Transmit audio (to radio)            |
| 4   | Push to Talk output                  |
| 5   | COR / Squelch signal from radio      |
| 6   | Ground                               |
| 7   | 1-Wire data bus                      |
| 8   | Serial port 1 TX                     |
| 9   | Serial port 1 RX                     |
| 10  | Serial port 2 TX                     |
| 11  | Serial port 2 RX                     |
| 12  | Ground                               |
| 13  | DC Out (radio power control, 5A max) |
| 14  | DC In (5 to 20 VDC, 50 mA)           |

- ADS-WS1 DIP Switches**
- Switch Function
- ON = Increase audio output level
  - ON = Increase audio output level
  - ON = Enable COR pull-up
  - ON = HT push-to-talk mode (for most handhelds except Kenwoods)

Laptop Bluetooth UI-View station window of wind speed and direction



Laptop Bluetooth serial data display wind speed and direction with temperature



- Drawing Index:
- PM-E1000 General Wiring Diagram
  - PM-E1001 Primary Air-to-Ground Wireless Video Wiring Diagram
  - PM-E1002 Secondary Air-to-Ground Wireless Video Wiring Diagram
  - PM-E1003 I-Gate Station Wiring Diagram
  - PM-E1004 UHF Wireless Video Wiring Diagram
  - PM-E1005 Video Receive, Select, and Stream Wiring Diagram
  - PM-E1006 GPS and PulseOx to APRS Transmitter Wiring Diagram
  - PM-E1007 Weather Station Wiring Diagram
  - PM-E1008 Jumper 2-Way Radio Communications Wiring Diagram
  - PM-E1009 Jumper 10-meter HF Global Communications Wiring Diagram

NOTES: UNLESS OTHERWISE SPECIFIED

1 APPLY

2

REV	DATE	REVISION DESCRIPTION	DRAWN	APP
1	8-18-17	Update to show APRS data over RF, and other circuit details.	MF Wright	
0	10-13-15	initial release	MF Wright	

<b>PARACHUTE MOBILE "In The Air, On The Air"</b> <a href="http://www.parachutemobile.org">www.parachutemobile.org</a>				
<b>Parachute Mobile Communication Systems</b> <b>Weather Station Wiring Diagram</b>				
DRAWN	CHK	INDEX	FSCM. NO.	LIMITS UNLESS NOTED
MF WRIGHT				
DESIGN ENGR	TEAM POSITION		DATE	
M. PECHNER	Video Ops		8-18-17	
CONSULTANT	AS DWG NO			
M. PECHNER	Sheet 1 of 1			
APPLICATION		TEAM COORDINATOR	SCALE	REV
		R. FENN	NONE	1