

## Appendix 1

### Station details sorted by observatory name

	Station Abbreviation	AJ4CO	HNRAO	LGM	NDA
	Contact	Dave Typinski	Jim Brown	Wes Greenman	Baptiste Cecconi
	Status	Active	Active	Active	Active
Location	Observatory Name	AJ4CO Observatory	Hawk's Nest Radio Astro. Obs.	LGM Radio Alachua	Nancay Decametric Array
	Sation Lat	29° 50' 13" N	40° 40' 23" N	29° 48' 04" N	47° 22' 50" N
	Station Lon	82° 37' 17" W	80° 26' 16" W	82° 27' 32" W	2° 11' 35" E
	Time Zone	UTC-5 EST / UTC-4 EDT	UTC-5 EST / UTC-4 EDT	UTC-5 EST / UTC-4 EDT	UTC+1 HEC / UTC+2 HDEC
	Web Site	None	<a href="#">Link</a>	None	<a href="#">Link</a>
	Station Diagram	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>	unknown
	Diagram Date	31 Oct 2015	07 Jan 2016	18 Jun 2013	unknown
Antenna	Antenna 1	TFD Array	LWA-style Array	Square TFD Array	RCP & LCP TP Arrays
	Array Elements	8	8	4	72 RCP + 72 LCP
	Arrangement	Two squares on N-S line	Four crosses in a square array	Square	Square
	Wire Height	9' 2"	8'	9' 2"	unknown
	Ground Plane	Natural	Wire fencing ground screen	Natural	unknown
	Polarization	RCP and LCP	RCP and LCP	RCP and LCP	RCP and LCP
Beam Steering	Manual	Manual	Manual	Automatic	
Spectrographs	Spectrograph 1	DPS	FSX-8S	FSX-1S	Unknown
	Front End BPF (MHz)	17-33	15-30	15-30 MHz	unknown
	IF BW (kHz)	30	30	30	unknown
	Sweep Rate	2000 chan/sec (fixed)	2000 chan/sec (fixed)	2000 chan/sec (fixed)	unknown
	Observing Range (MHz)	16-32	15-30	15-30	10-40
	Channel Count	300	300	300	400
	Input(s)	RCP, LCP from TFD Array	RCP, LCP from LWA Array	RCP, LCP from TFD Array	RCP, LCP from TP Array
	Dual Channel Method	Correlated	Polarization switching	Polarization Switching	Polarization switching
	ADC Resolution (bits)	12	12	12	8
	Last Calibration Date	Daily	05 Mar 2016	19 Dec 2015	every 4 hours
Operation Schedule	24 x 7 x 365	24 x 7 x 365	24 x 7 x 365	24 x 7 x 365	
Time Source	GPS-NTP-Pi (hardware)	Internet Time Server Pool	Internet Time Server Pool	unknown	
Tming Software	Meinberg NTP Client	Meinberg NTP Client	Meinberg NTP Client	unknown	