

# VLA OBSERVING LOG

2004-03-26\_0225\_AK563

Contact Observer's E-Mail Address: archung@astro.columbia.edu

Configuration: Cs

Decommissioned: 10

VLBI Ref. Ant:

VLBI Antenna Pad:

Program:	<b>AK563</b>	Date:	26-Mar-04
Observer(s):	Aeree Chung	Initial Source:	1331+305
User #:	20	Observing Mode:	Line 2AC
Subarray(s):	1	Bands Used:	L
Source File(s):	807K563		
Operator(s):	Ryan Johnson		

API (Atmospheric Phase Interferometer) information can be found at:

<http://www.vla.nrao.edu/astro/guides/api/>

Adobe PDF version of this log is located at:

<http://www.vla.nrao.edu/operators/logs/>

Time (IAT)	Dew Point (C)	Temp. (C)	Wind m/sec @ direction	Bar. Pressure (mbars)	API sat. rms $\phi$	Remarks
26Mar 2:25:53	1.9	14.7	SW at 6.5 m/s	788.7	16.1	Sky clear.
26Mar 7:43:00	-4.6	5.2	NNE at 0.8 m/s	790.1	6.4	Sky clear.
26Mar 12:16:00	-6	-1.2	N at 1.0 m/s	789.6	7.6	Sky cover 20%. Stratiform clouds.

## Observing Data:

Tape #	Time of Final Record
N20149	26Mar 6:52:34
N20150	

## Monitor Data:

Tape #	File #	Time of Final Record
N20130	5	

Total # of antennas used = 27

Start Time	End Time	Comments	Form #	#Ants	Down T. (in minutes)
26Mar 2:25:53		Starting program AK563.			
26Mar 2:30:00		On source 1331+305 with all available antennas.			
		The band(s) used is(are) L			
		<b>Antenna(s) :</b> 21			
		do not have good baseline positions determined for them because they were moved to their present location recently. Please check for any significant errors and let the Data Analysts (email - analysts@nrao.edu) know what you find. Thank you.			
26Mar 2:25:53	26Mar 12:24:00	<b>Antenna(s) 13</b> (Data: Lost): EVLA	C112151	1.00	598.1
		Antenna is on the master pad for EVLA testing.			
26Mar 2:25:58		<b>SHADOWING IS OCCURRING!</b> Some antennas are blocking the view of your radio source from other antennas. You may have to edit your data. Observing data: Corrupted.			
26Mar 6:58:00		Your new operator is: Greg Patterson			

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26Mar 7:35:00	26Mar 8:15:00	<b>Antenna(s) 19</b> (Data: Unknown Effect):	LO/IF	Other	0.0
		L14 1800MHz PLL will not stay locked. Data is not being flagged.			
26Mar 7:38:00	26Mar 7:38:00	<b>Antenna(s) 19</b> (Data: Corrupted):	LO/IF	Other	0.0
		600MHz round trip phase jump. No parity errors present.			
26Mar 8:49:00		Ran a backup on the Modcomp partition.			
<b>Program End Time</b>			<b>Total Program Time (minutes x 27 ants.)</b>	<b>Downtime % of Total Time</b>	<b>Total Downtime</b>
<b>26Mar 12:24:00</b>	<b>End of program AK563</b>		<b>16149.2</b>	<b>3.7%</b>	<b>598.1</b>