

# VLA OBSERVING LOG

2004-03-10\_0328\_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:	10-Mar-04
Observer(s):	Chung	Initial Source:	1331+305
User #:	20	Observing Mode:	Line 2AC
Subarray(s):	1	Bands Used:	L
Source File(s):	791K563		
Operator(s):	Greg Patterson		

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
10Mar 3:28:56	-2	8.3	W at 4.9 m/s	791.9	4.2	Sky cover 10%. Stratiform clouds.
10Mar 6:57:00	-3.3	2.3	NNW at 0.8 m/s	791.4		Sky cover 10%. Stratiform clouds.

## Observing Data:

Tape #	Time of Final Record
N20078	10Mar 5:16:32
N20079	10Mar 13:05:03
N20081	

## Monitor Data:

Tape #	File #	Time of Final Record
N20080	3	

Total # of antennas used = 27

Start Time	End Time	Comments	Form #	#Ants	Down T. (in minutes)
10Mar 3:28:56		Starting program AK563.			
10Mar 3:33:00		On source 1331+305 with all available antennas.			
		The band(s) used is(are) L			
		<b>Antenna(s) : 21</b>			
		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.			
10Mar 3:28:56	10Mar 13:27:04	<b>Antenna(s) 13 (Data: Lost):</b> EVLA	C112151	1.00	598.1
		Antenna is on the master pad for EVLA testing.			
10Mar 3:33:00		<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.			
10Mar 6:57:00		Your new operator is: Sam Gilmore			

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10Mar 7:00:00		Ran a backup on the Modcomp partition.			
10Mar 7:08:00		<b>Antenna(s) 6</b> (Data: Corrupted):	LO/IF	Other	
		A 600 MHz Round Trip Phase Jump has occurred at this time. Please			
		check your data.			
<b>Program End Time</b>			<b>Total Program Time (minutes x 27 ants.)</b>	<b>Downtime % of Total Time</b>	<b>Total Downtime</b>
10Mar 13:27:04	End of program AK563		16149.6	3.7%	598.1