

# VLA OBSERVING LOG

2004-03-21\_0345\_AN119

Contact Observer's E-Mail Address: sonodera@ioa.s.u-tokyo.ac.jp, hnakanis

Configuration: Cs  
Decommissioned: 10  
VLBI Ref. Ant:  
VLBI Antenna Pad:

Program:	AN119	Date:	21-Mar-04
Observer(s):	Nakanishi	Initial Source:	802N119B
User #:	20	Observing Mode:	Line 2AC
Subarray(s):	1	Bands Used:	L
Source File(s):	802N119B		
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
21Mar 3:45:30	-0.2	14.5	SE at 7.4 m/s	797.6	10.1	Sky cover 50%. Mixed clouds.

## Observing Data:

Tape #	Time of Final Record
N20123	21Mar 7:11:00
N20124	

## Monitor Data:

Tape #	File #	Time of Final Record
N20100	7	

Total # of antennas used = 27

Start Time	End Time	Comments	Form #	#Ants	Down T. (in minutes)
21Mar 3:45:30		Starting program AN119.			
21Mar 3:49:40		On source 802N119B 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.			
21Mar 3:45:30	21Mar 11:44:10	<b>Antenna(s) 13 (Data: Lost):</b> EVLA	C112151	1.00	478.7
		Antenna is on the master pad for EVLA testing.			
21Mar 3:45:30		<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.			
21Mar 6:55:00		Your new operator is: Ryan Johnson			

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21Mar 7:22:00		Ran a backup on the Modcomp partition.			
21Mar 7:37:00		<b>Antenna(s) 11</b> (Data: Corrupted):	LO/IF	C113643	
		5 MHz LO phase jump/cycle slip, 2 parity errors present.			
21Mar 7:46:00		<b>Antenna(s) 11</b> (Data: Corrupted):	LO/IF	C113643	
		5 MHz LO phase jump/cycle slip, 3 parity errors present.			
<b>Program End Time</b>			<b>Total Program Time (minutes x 27 ants.)</b>	<b>Downtime % of Total Time</b>	<b>Total Downtime</b>
21Mar 11:44:10	End of program AN119		12924.0	3.7%	478.7