

VLA OBSERVING LOG

2004-04-23_0035_AK563

Contact Observer's E-Mail Address: archung@astro.columbia.edu
 Configuration: Cs
 Decommissioned: 14
 VLBI Ref. Ant:
 VLBI Antenna Pad:

Program:	AK563	Date:	23-Apr-04
Observer(s):	Aeree Chung	Initial Source:	N4189
User #:	20	Observing Mode:	Line 2AC
Subarray(s):	1	Bands Used:	L
Source File(s):	835K563		
Operator(s):	Tom Briscoe and Sonja Mendoza		

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 ϕ	Remarks
23Apr 0:35:37	1.8	15.5	VNW at 16.5 m	779	7.5	Sky cover 10%. Cumuliform clouds. Gusty winds.
23Apr 5:52:00	-4.2	2.9	VNW at 3 m/sec	783.5	10	Sky clear.
23Apr 10:28:00	-2.5	-6.9	ENE at 1 m/sec	784.2	3.1	Sky clear.

Observing Data:

Tape #	Time of Final Record
N20244	23Apr 4:21:08
N20245	

Monitor Data:

Tape #	File #	Time of Final Record
N20240	5	

Total # of antennas used = 27

Start Time	End Time	Comments	Form #	#Ants	Down T. (in minutes)
23Apr 0:35:37		Starting program AK563.			
23Apr 1:56:00		On source N4189 with all available antennas.			
		The band(s) used is(are) L			
		Antenna(s) : 10			
		do not have good baseline positions determined for them because they were			

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		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.			
23Apr 0:35:37	23Apr 10:34:00	Antenna(s) 13 (Data: Lost): EVLA Antenna is on the master pad for EVLA testing.	C112151	1.00	598.4
23Apr 0:35:37	23Apr 1:56:00	Antenna(s) All antennas (Data: Lost): WEATHER All antennas stowed due to high, gusty winds.	Weather	26.00	2090.0
23Apr 1:56:00	23Apr 10:34:00	Antenna(s) 21 (Data: Lost): LO/IF Missing datasets	C113876	1.00	518.0
23Apr 1:56:00	23Apr 10:34:00	Antenna(s) 12 (Data: Lost): FRONT END TSYS > 4 times normal on all IFs, calcs near zero, sys/calcs saturated Antenna was stowed.	C113877	1.00	518.0
23Apr 5:52:00		Your new operator is: Larry Brothers			
Program End Time			Total Program Time (minutes x 27 ants.)	Downtime % of Total Time	Total Downtime
23Apr 10:34:00	End of program AK563		16156.4	23.1%	3724.4