VLA OBSERVING LOG

Contact Observer's E-Mail Address: archung@astro.columbia.edu
Configuration: C
Decommissioned: 18
VLBI Ref. Ant:
VLBI Antenna Pad:

Program:	**AK563**	Date:	2-Aug-05
Observer(s):	Aeree Chung	Initial Source:	1331+305
User #:	20	Observing Mode:	Line 2AC
Subarray(s):	1	Bands Used:	L
Source File(s):	303K563		
Operator(s):	David Midgett		

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/

Visibility data is updated each day at IAT/UT midnight and is available from the online archive at:

http://e2e.nrao.edu/archive/

Time (IAT)	Dew Point (C)	Temp. (C)	Wind Speed & Direction	Bar. Pressure (mbars)	API sat. rms ϕ	Remarks	
02Aug 17:55:40	6.5	26.5	W at 1.7 m/s	793.5	10.0	Sky cover 80%.	Cumuliform clouds.
02Aug 19:49:52	10.7	26.4	SE at 8.0 m/s	792.3	16.7	Sky cover 90%.	Cumuliform clouds.
02Aug 21:39:12	11.7	28.0	S at 3.2 m/s	791.3	20.6	Sky cover 70%.	Cumuliform clouds.
03Aug 0:05:00	9.2	24.7	W at 4.5 m/s	790.7	12.9	Sky cover 50%.	Mixed clouds.
03Aug 02:19:45	10.0	20.2	W at 4.0 m/s	791.6	7.8	Sky cover 30%.	Mixed clouds.
03Aug 03:49:43	9.4	18.1	W at 3.9 m/s	792.6	5.0	Sky cover 20%.	Stratiform clouds.

Observing Data:

Tape #	Time of Final Record
DM0044	

Monitor Data:

Tape #	File #	Time of Final Record
N21427	7	03Aug 0:00:00
N21428	1	

Total # of antennas used =   27

Start Time	End Time	Comments		Form #	#Ants	Downtime
02Aug 17:55:40		Starting program AK563.				(in minutes)
02Aug 17:59:00		On source 1331+305 with all available antennas.				
02Aug 17:55:40		The band(s) used is(are) L				
02Aug 17:55:40	03Aug 3:54:30	Antenna 13 (Data: Lost):	EVLA	C112151	1.00	598.8
		Antenna is being used for EVLA testing.				
02Aug 17:55:40	03Aug 3:54:30	Antenna 14 (Data: Lost):	EVLA	T100268	1.00	598.8
		Antenna is being used for EVLA testing.				

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02Aug 17:55:40	03Aug 3:54:30	Antenna 16 (Data: Lost):	EVLA	T100312	1.00	598.8
		Antenna is being used for EVLA testing.				
02Aug 17:59:00	02Aug 23:40:00	Antenna(s) 8 (Data: Lost):	LO/IF	C116621	1.00	341.0
		Techs are troubleshooting modem faults. Occasional phase jumps,				
		losses of phase lock, and data flagging are occurring.				
		Techs have removed the T1 modem for repair rendering the antenna				
		unusable.				
02Aug 21:47:00		Your new operator(s) is(are): Larry Brothers				

Program End Time		Total Program Time (minutes x 27 ants.)	Downtime % of Total Time	Total Downtime
03Aug 3:54:30	**End of program AK563**	**16168.5**	**13.2%**	**2137.5**