

VLA OBSERVING LOG

2005-08-05_1744_AK563

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

Program:	AK563	Date:	5-Aug-05
Observer(s):	Chung	Initial Source:	1331+305
User #:	20	Observing Mode:	Line 2AC
Subarray(s):	1	Bands Used:	L
Source File(s):	306K563		
Operator(s):	Jim Campbell		

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
05Aug 17:44:02	10.8	20.6	SE at 4.9 m/s	797.5	20.5	Sky cover 70%. Mixed clouds.
05Aug 18:29:58	10.8	20.8	E at 7.3 m/s	797.0	20.4	Sky cover 60%. Mixed clouds.
05Aug 19:29:34	9.9	22.3	E at 4.6 m/s	796.4	20.8	Sky cover 80%. Cumuliform clouds.
05Aug 20:29:11	8.3	24.3	SE at 5.6 m/s	795.5	23.7	Sky cover 80%. Cumuliform clouds.
05Aug 21:29:47	8.6	24.7	S at 5.1 m/s	794.9	24.9	Sky cover 90%. Cumuliform clouds.
05Aug 22:39:57	9.9	23.3	SE at 9.1 m/s	794.5	19.8	Sky cover 80%. Mixed clouds. Light rain.
05Aug 23:29:55	9.6	22.9	SE at 8.5 m/s	794.3	20.3	Sky cover 80%. Mixed clouds.
06Aug 00:29:30	8.9	21.9	S at 7.0 m/s	794.5	8.3	Sky cover 70%. Mixed clouds.
06Aug 01:29:06	9.7	20.9	S at 6.1 m/s	794.8	11.2	Sky cover 60%. Mixed clouds.
06Aug 02:29:38	10.1	20.1	SE at 6.5 m/s	795.2	8.7	Sky cover 50%. Mixed clouds.
06Aug 03:29:13	10.5	20.0	SE at 4.3 m/s	796.0	6.6	Sky cover 40%. Mixed clouds.

Observing Data:

Tape #	Time of Final Record
DM0045	

Monitor Data:

Tape #	File #	Time of Final Record
N21428	3	06Aug 0:00:00
N21428	4	

Total # of antennas used = 27

Start Time	End Time	Comments	Form #	#Ants	Downtime (in minutes)
05Aug 17:44:02		Starting program AK563.			

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05Aug 17:48:00		On source 1331+305 with all available antennas.			
05Aug 17:44:02		The band(s) used is(are) L			
05Aug 17:44:02	06Aug 3:42:50	Antenna 13 (Data: Lost):	EVLA	C112151	1.00 598.8
		Antenna is being used for EVLA testing.			
05Aug 17:44:02	06Aug 3:42:50	Antenna 14 (Data: Lost):	EVLA	T100268	1.00 598.8
		Antenna is being used for EVLA testing.			
05Aug 17:44:02	06Aug 3:42:50	Antenna 16 (Data: Lost):	EVLA	T100312	1.00 598.8
		Antenna is being used for EVLA testing.			
05Aug 18:30:00	05Aug 18:30:00	Antenna(s) 1, 5, 19, 24, 25, 26, 27 (Data: Unknown Effect):	LO/IF	Power	7.00 0.0
		600MHz RT phase jump, possible power spike on north arm of array.			
05Aug 19:01:00	05Aug 19:01:00	Antenna(s) 1, 5, 19, 24, 25, 26, 27 (Data: Unknown Effect):	LO/IF	Power	7.00 0.0
		600MHz RT phase jump, possible power spike on north arm of array.			
05Aug 19:19:30	05Aug 20:41:00	All antennas (Data: Corrupted):	INTERFERENCE	RFI	24.00 1956.0
		Very strong interference noted on all antennas/IF's.			
05Aug 21:50:00		Your new operators are Steve Steele			
05Aug 22:07:00		Ran a backup on the Modcomp partition.			
06Aug 1:20:00	06Aug 1:50:30	Antenna(s) 19 (Data: Corrupted):	INTERFERENCE	RFI	0.20 6.1
		RFI making data from Antenna 19, flagged.			
Program End Time			Total Program Time (minutes x 27 ants.)	Downtime % of Total Time	Total Downtime
06Aug 3:42:50	End of program AK563		16167.6	23.2%	3758.5