

VLA OBSERVING LOG

2005-07-25_1827_AK563

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

Program:	AK563	Date:	25-Jul-05
Observer(s):	Chung	Initial Source:	1331+305
User #:	20	Observing Mode:	Line 2AC
Subarray(s):	1	Bands Used:	L
Source File(s):	295K563		
Operator(s):	Larry Brothers		

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
25Jul 18:27:00	10.0	26.2	N at 10.1 m/s	791.9	26.8	Sky cover 80%. Cumuliform clouds.
25Jul 20:59:07	12.2	26.6	NE at 3.4 m/s	790.7	43.9	Sky cover 80%. Cumuliform clouds.
25Jul 21:49:27	12.7	28.2	NW at 9.1 m/s	790.0	11.2	Sky cover 90%. Cumuliform clouds. Light rain.
25Jul 22:59:06	9.6	27.1	N at 3.2 m/s	790.0	14.9	Sky cover 80%. Mixed clouds.
26Jul 00:39:40	9.8	25.7	NW at 9.7 m/s	789.8	10.9	Sky overcast. Mixed clouds.
26Jul 01:59:57	9.6	23.4	NW at 4.1 m/s	790.7	10.3	Sky overcast. Mixed clouds.
26Jul 02:59:54	12.1	22.1	N at 2.6 m/s	791.3	10.8	Sky cover 90%. Mixed clouds.
26Jul 03:59:54	9.5	21.2	NW at 3.3 m/s	791.6	5.6	Sky cover 60%. Mixed clouds.

Observing Data:

Tape #	Time of Final Record
DM0043	

Monitor Data:

Tape #	File #	Time of Final Record
N21426	6	26Jul 0:00:00
N21426	7	

Total # of antennas used = 27

Start Time	End Time	Comments	Form #	#Ants	Downtime (in minutes)
25Jul 18:27:00		Starting program AK563.			
25Jul 18:29:30		On source 1331+305 with all available antennas.			
25Jul 18:27:00		The band(s) used is(are) L			
		Antenna(s): 1 3 4 5 7 9 11 15 20 21 22 23 24 25 26 27			
		have recently updated baseline parameters to correct for errors resulting from			

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		their recent relocation. Please check for any significant errors and let the			
		Data Analysts (email - analysts@nrao.edu) know what you find. Thank you.			
25Jul 18:27:00	26Jul 4:25:50	Antenna 13 (Data: Lost):	EVLA	C112151	1.00 598.8
		Antenna is being used for EVLA testing.			
25Jul 18:27:00	26Jul 4:25:50	Antenna 14 (Data: Lost):	EVLA	T100268	1.00 598.8
		Antenna is being used for EVLA testing.			
25Jul 18:27:00	26Jul 4:25:50	Antenna 16 (Data: Lost):	EVLA	T100312	1.00 598.8
		Antenna is being used for EVLA testing.			
25Jul 19:45:00	25Jul 20:05:00	Antenna(s) 7 (Data: Lost):	LO/IF	C116572	1.00 20.0
		Antenna is stowed to replace T2 modem.			
25Jul 21:50:00		Your new operator is Steve Steele			
25Jul 22:02:00		Ran a backup on the Modcomp partition.			
25Jul 23:40:00	26Jul 23:55:00	Antenna(s) 19 (Data: Corrupted):	FRONT END	C116546	0.80 1164.0
		TSYS fluctuations causing the data to be flagged			
		SHADOWING IS OCCURRING! Some antennas are blocking the view			
		of your radio source from other antennas. You may have to edit your			
		data. Observing data: Corrupted.			
26Jul 2:27:00	26Jul 2:52:00	Antenna(s) 19 (Data: Corrupted):	FRONT END	C116546	0.80 20.0
		TSYS fluctuations causing the data to be flagged			
Program End Time			Total Program Time (minutes x 27 ants.)	Downtime % of Total Time	Total Downtime
26Jul 4:25:50	End of program AK563		16168.5	18.6%	3000.5