

VLA OBSERVING LOG

2005-07-15_1836_AK583

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

Program:	AK583	Date:	15-Jul-05
Observer(s):	Aeree Chung	Initial Source:	1331+305
User #:	20	Observing Mode:	Line 2AC
Subarray(s):	1	Bands Used:	L
Source File(s):	285K563		
Operator(s):	Steve Steele		

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
15Jul 18:36:40	10.6	28.6	E at 5.9 m/s	793.0		Sky cover 30%. Mixed clouds. API is down
15Jul 18:49:51	10.7	30.6	E at 4.7 m/s	792.8		Sky cover 20%. Mixed clouds. API is down
15Jul 20:29:48	11.3	30.7	E at 5.4 m/s	792.0		Sky cover 10%. Mixed clouds. API is down
15Jul 22:59:05	12.0	31.7	E at 5.5 m/s	790.7	n/a	Sky cover 20%.
16Jul 00:59:12	11.1	31.1	E at 3.0 m/s	790.7	n/a	Sky cover 50%. Mixed clouds.
16Jul 02:59:22	8.3	27.4	SE at 5.1 m/s	791.6		

Observing Data:

Tape #	Time of Final Record
DM0041	

Monitor Data:

Tape #	File #	Time of Final Record
N21425	3	16Jul 0:00:00
N21425	4	

Total # of antennas used = 27

Start Time	End Time	Comments	Form #	#Ants	Downtime
15Jul 18:36:40		Starting program AK583.			(in minutes)
15Jul 18:40:30		On source 1331+305 with all available antennas.			
15Jul 18:36:40		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			
		their recent relocation. Please check for any significant errors and let the			
		Data Analysts (email - analysts@nrao.edu) know what you find. Thank you.			

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15Jul 18:36:40	16Jul 4:35:00	Antenna 13 (Data: Lost):	EVLA	C112151	1.00	598.3
		Antenna is being used for EVLA testing.				
15Jul 18:36:40	16Jul 4:35:00	Antenna 14 (Data: Lost):	EVLA	T100268	1.00	598.3
		Antenna is being used for EVLA testing.				
15Jul 18:36:40	16Jul 4:35:00	Antenna 16 (Data: Lost):	EVLA	T100312	1.00	598.3
		Antenna is being used for EVLA testing.				
		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.				
15Jul 18:58:00	15Jul 19:20:20	Antenna(s) 7 (Data: Lost):	CRYOGENICS	Other	1.00	22.3
		Cryo Techs are monitoring the readback problems				
15Jul 20:41:00	15Jul 20:42:00	Antenna(s) 4 (Data: Lost):	SERVO	Other	1.00	1.0
		Azimuth motor #2 fault, reset ACU				
15Jul 21:54:00		Your new operator(s) is(are): Ryan Johnson & Dave Midgett				
Program End Time			Total Program Time (minutes x 27 ants.)	Downtime % of Total Time	Total Downtime	
16Jul 4:35:00	End of program AK583		16155.0	11.3%	1818.3	