

# VLA OBSERVING LOG

2005-07-10\_1926\_AK563

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

Program:	<b>AK563</b>	Date:	10-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):	280K563		
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 $\phi$	Remarks
10Jul 19:26:10	11.2	29.6	SW at 3.6 m/s	791.0		Sky cover 70%. Mixed clouds. API is down.
10Jul 19:59:47	11.1	30.5	NE at 1.6 m/s	790.5		Sky cover 70%. Mixed clouds. API is down.
10Jul 20:59:47	11.2	29.8	NW at 4.6 m/s	790.0		Sky cover 90%. Mixed clouds. API is down.
10Jul 21:29:45	11.3	30.1	W at 4.6 m/s	789.6		Sky cover 70%. Mixed clouds. API is down.
10Jul 21:59:44	10.3	28.9	N at 6.8 m/s	789.3		Sky cover 70%. Mixed clouds.
7/11/2005	9.9	28.6	N at 5.0 m/s	788.9		Sky cover 80%. Cumuliform clouds.
11Jul 01:59:43	9.1	27.6	NW at 4.4 m/s	789.0		Sky cover 30%. Mixed clouds.
11Jul 04:00:01	4.5	23.1	W at 1.9 m/s	790.1		

## Observing Data:

Tape #	Time of Final Record
DM0039	

## Monitor Data:

Tape #	File #	Time of Final Record
N21424	5	11Jul 0:00:00
N21424	6	

**Total # of antennas used = 27**

Start Time	End Time	Comments	Form #	#Ants	Downtime
10Jul 19:26:10		Starting program AK563.			(in minutes)
10Jul 19:30:20		On source 1331+305 with all available antennas.			
10Jul 19:26:10		The band(s) used is(are) L			
		<b>Antenna(s) :</b> 1 5 24 25 27			
		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.			
10Jul 19:26:10	11Jul 5:24:30	Antenna 13 (Data: Lost): Antenna is being used for EVLA testing.	EVLA	C112151	1.00 598.3
10Jul 19:26:10	11Jul 5:24:30	Antenna 14 (Data: Lost): Antenna is being used for EVLA testing.	EVLA	T100268	1.00 598.3
10Jul 19:26:10	11Jul 5:24:30	Antenna 16 (Data: Lost): Antenna is being used for EVLA testing.	EVLA	T100312	1.00 598.3
10Jul 21:51:00		Your new operator(s) is(are): Ryan Johnson			
10Jul 21:54:00		Ran a backup on the Modcomp partition.			
11Jul 3:58:00	11Jul 4:03:00	Antenna(s) 1 (Data: Lost): Antenna experiencing double AZ motor faults, required manual reset.	SERVO	Other	1.00 5.0
<b>Program End Time</b>			<b>Total Program Time (minutes x 27 ants.)</b>	<b>Downtime % of Total Time</b>	<b>Total Downtime</b>
<b>11Jul 5:24:30</b>	<b>End of program AK563</b>		<b>16155.0</b>	<b>11.1%</b>	<b>1800.0</b>