

VLA Astronomical Observing January 2003

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AB1039	Bignall, H. Jauncey, D. Lovell, J. Kedziora-Chudczer, L Tzioumis, T. Macquart, J-P.	Adelaide ATNF ATNF ATNF ATNF Groningen	ISM properties towards the Intraday variable PKS 1257-326	3.6	9, 10	13.0
AB1057	Bagchi, J.	IUCAA	Diffuse sources in merging cluster Abell 3376	20	24	3.5
AB1059	Bastian, T.S. Gary, D.E. Lee, J.W. Benz, A.O. Vilmer, N. Klein, K.-L.	NRAO-CV NJIT Arizona ETH Paris Paris	Joint microwave and hard x-ray imaging of impulsive solar flares	0.7, 1.3, 2, 3.6, 6	6	8.0
AB1079	Birkinshaw, M.	Bristol	CXO J0841+1311 Jet	3.6	10	1.0
AC624	Clemens, M. Alexander, P. Cotter, G. Longair, M.S. Nikolic, B.	Cambridge Cambridge Cambridge Cambridge Cambridge	Comparison of thermal continuum emission with mid-IR PAH features	2	4	1.5
AD477	Dubner, G. Castelletti, G. Reynoso, E. Goss, M.	IAFE IAFE IAFE NRAO-Socorro	SNR Puppis A	20	21, 22, 23	9.0
AG592	van Gorkom, J. Bravo-Alfaro, H. Dwarakanath, K. Guhathakurta, P. Poggianti, B. Schiminovich, D. Valluri, M. Verheijen, M. Wilcots, E. Zabludoff, A.	Columbia Guanajuato NRAO-Socorro Calif., Santa Cruz Padova Caltech Rutgers Wisconsin Wisconsin Wisconsin	HI survey of clusters in the local universe	20 line	1	6.5
AG644	Glikman, E. Helfand, D.J.	Columbia Columbia	Do all red quasars have flat radio spectra?	3.6, 20	20, 24	10.0
AH787	Harris, D.E. Kim, D.W. Fomalont, E.	CfA CfA NRAO-CV	X-ray - radio comparison in Fornax A	0.7, 2	21, 23	10.0
AH792	Hollis, J.M. Pedelty, J.A. Snyder, L.E. Jewell, P.R. Lovas, F.J. Palmer, P. Liu, S.-Y.	NASA-GSFC NASA-GSFC Illinois NRAO-GB Illinois Chicago Caltech	Search for glycine toward Sgr B2(N-LMH)	0.7 line	25, 27, 28, 31	24.0
AH795	Hunter, D. Tomita, A. Sunada, K. Elmegreen, B. Brinks, E.	Lowell Wakayama Nobeyama IBM Guanajuato	Galaxies with CO J=1-0 observations	20 line	4	6.0
AH805	Herrnstein, R. Montero-Castano, M. Ho, P.T.P.	CfA Madrid CfA	Ammonia (3,3) and (6,6) in molecular cloud G359.1-0.5	1.3 line	18, 19	12.0
AH806	Holzappel, W. Carlstrom, J. Dawson, K.	Calif., Berkeley Chicago Calif.-Berkeley	Inverted spectrum point sources in CMB anisotropy fields	3.6	7, 9, 13, 19	11.0
AH809	Han, J.L. You, X.P. Men, H. Zhao, J.-H.	NAO NAO NAO CfA	Probe cosmological magnetic field by a RM survey at galactic poles	20	17, 31	9.0
AI105	Isaak, K. Chandler, C. Carilli, C.	Cambridge NRAO-Socorro NRAO-Socorro	HCN emission from z=4.69 radio quiet quasar BR 1202-0725	2 line	25, 25, 26, 27, 28	34.5
AJ293	Johnson, K. Kobulnicky, C.	NRAO-Socorro Wisconsin	Q-band observations of optically thick free-free sources in He2-10	0.7	4	4.0
AK509	Kulkarni, S.K. Frail, D. Galama, T.J. Bloom, J.S. Berger, E. Harrison, F.A.	Caltech NRAO-Socorro Caltech Caltech Caltech Caltech	Radio afterglows from gamma ray bursts		27.5
AK553	Kenney, J. van Gorkom, J. Vollmer, B.	Yale Columbia MPIfR	HI in highly inclined ram pressure stripped spirals in Virgo Cluster	20 line	4, 5	12.0

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AK554	Koopmans, L.V.E. deBruyn, A.G. Fassnacht, C.D. Wambsganss, J. Blandford, R.D.	Caltech NFRA STScI Potsdam Caltech	Compact halo objects at z=0.41 via radio microlensing in B1600+434	2, 3.6, 6	4, 5	2.5
AL557	Lovell, J. Bignall, H. Jauncey, D. Tzioumis, A. Kedziora-Chudczer, L. Reynolds, J. Rickett, B. Marcquart, J.-P.	ATNF Adelaide ATNF ATNF ATNF ATNF Calif.-San Diego Groningen	Northern hemisphere intra-day variable survey	3.6, 6	10	72.0
AL584	Lai, S-P. Velusamy, T. Langer, W.	JPL JPL JPL	Pre-protostellar core B68	1.3 line	23	6.5
AM702	Markovic, T. Owen, F. Eilek, J.	NMIMT NRAO-Socorro NMIMT	Radio halos in Abell Clusters of galaxies	20	2, 3	11.0
AM727	Monnier, J.D. Greenhill, L.J. Tuthill, P.G. Danchi, W.G.	CfA CfA Sydney NASA-GSFC	Colliding wind binary WR 112	3.6	5	1.0
AM753	Minchin, R.F. Disney, M.J. de Blok, W.J.G. Grossi, M. Garcia, D.A.	Cardiff Cardiff ATNF Cardiff Cardiff	Identification of sources found in the HIDEEP survey	20 line	36.5
AM754	Moffett, D. Reynoso, E. Hughes, J.	Fuhrman IAFE (Buenos Aires) Rutgers	Measuring the expansion of SN 1006	20	24	4.0
AO159	Owen, F. O'Dea, C. van der Marel, R. Laine, S. Postman, M. Lauer, T.	NRAO-Socorro STScI STScI STScI STScI NOAO	Radio sources and black holes in brightest cluster galaxies	20	2	1.0
AO163	Owen, F. Lonsdale, C. Morrison, G. Smith, G. Xu, C.	NRAO-Socorro Caltech Caltech Calif., San Diego Caltech	Very deep radio/SIRTF survey: faint source, radio FIR correlation	20	6	7.0
AP450	Partridge, B. Guerra, E. Cabanela, J.E. Myers, S.T.	Haverford Rowan Haverford NRAO-Socorro	Spectra of inverted spectrum radio sources from 4.8 GHz to 43 GHz	0.7, 1.3, 3.6, 6	31	2.5
AR476	Rupen, M.P. Mioduszewski, A.J. Dhawan, V.	NRAO-Socorro NRAO-Socorro NRAO-Socorro	Galactic X-ray binaries and transients	0.7, 1.3, 2, 3.6, 20, 90	2, 4, 5	4.5
AR508	Rupen, M.P. Mioduszewski, A.J. Dhawan, V. Ribo, M.	NRAO-Socorro NRAO-Socorro NRAO-Socorro Barcelona	Galactic x-ray binaries	0.7, 1.3, 2, 3.6, 6, 20, 90	16.0
AR509	Rodriguez-Rico, C.A. Goss, M. Zhao, J-H. Viallefond, F.	UNAM NRAO-Socorro CfA Paris	Hydrogen recombination line H53 at 7mm from starburst galaxy NGC253	0.7 line	18, 19, 20	12.0
AR512	Rector, T.	NRAO-Socorro	Two radio quiet BL Lacs?		28	1.5
AS711	Saito, M. Kawabe, R. Beltran, M.T.	CfA NAO Arcetri	Continuum observations of low-mass protostars in Taurus	3.6	3	8.5
AS735	Sridharan, T.K. Zhang, Q. Wyrowski, F. Hunter, T. Beuther, H. Schilke, P.	CfA CfA MPIfR CfA MPIfR MPIfR	Resolving disks around two high-mass (proto) stars	1.3 line	24	3.0
AS742	Sjouwerman, L. Pihlstrom, Y. Dwarakanath, K.S.	NRAO-Socorro NRAO-Socorro NRAO-Socorro	Ammonia in M-0.13-0.08	1.3 line	17	8.0

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AS746	Severgini, P. Caccianiga, A. Della Ceca, R. Maccaro, T. Wolter, A. Barcons, X.	INAF-OAB INAF-OAB INAF-OAB INAF-OAB INAF-OAB IFCA	XMMU J0338-3526, an apparently passive galaxy with X-ray emission	6, 20	28	3.0
AS747	Sridharan, T.K. Zhang, Q. Wyrowski, F. Hunter, T. Beuther, H. Schilke, P.	CfA CfA MPIfR CfA MPIfR MPIfR	Ammonia disks around high mass young stars	1.3	16	7.5
AS751	Shirley, Y.L. Wootten, A.	NRAO-Socorro NRAO-CV	Ammonia thermometry of low mass star forming cores	1.3 line	21	6.0
AT282	Testi, L. Natta, A. Wilner, D. Shepherd, D.	Arcetri Arcetri CfA NRAO-AOC	Herbig Ae stars	0.7, 3.6	3	5.5
AT285	Thornley, M. Kennicutt, R. Kewley, L. Regan, M. Walter, F.	NRAO Arizona CfA STScI Caltech	HI in galaxies in the SIRTIF Nearby Galaxies Survey	20 line	7, 25, 27, 30, 31	18.0
AT286	Thornley, M. Kennicutt, R. Kewley, L. Helou, G.	NRAO Arizona CfA IPAC	Radio-FIR relation on kpc scales in SIRTIF Nearby Galaxy Survey	20	31	3.0
AT289	Tinti, S. Caccianiga, A. Wolter, A. Celotti, A.	SISSA Brera Brera SISSA	Flat spectrum radio quasars from the REX survey	6, 20	26	2.0
AW576	Winn, J. Biggs, A. Fassnacht, C. Koopmans, L. Lovell, J. Rusin, D.	CfA Jodrell Bank STScI Caltech ATNF CfA	Time delays in gravitational lenses	3.6	5	1.0
AW593	Weiler, K.W. Stockdale, C. Sramek, R.A. Van Dyk, S.D. Panagia, N. Marcaide, J.M. Lewin, W.H.G. Pooley, D. Immler, S.	NRL NRL NRAO-Socorro IPAC STScI Valencia MIT MIT Massachusetts	ToO observations of Supernovae	1.3, 2, 3.6, 6, 20, 90	4, 9, 18, 27, 31	5.5
AY133	Young, L.M. Skillman, E.D.	NMINT Minnesota	Phoenix: a dwarf spheroidal galaxy with an adjacent HI cloud	20 line	24, 25, 27	12.0
AY136	Yusef-Zadeh, F. Law, C. Cotton, W.	Northwestern Northwestern NRAO-CV	327 MHz mapping near l,b=-1d,-0.5d	90	20	4.0
AY137	Yusef-Zadeh, F. Cotton, W. Law, C.	Northwestern NRAO-CV Northwestern	GBT+VLA mosaic image of the galactic center region at 20 cm	20 line	30	8.0
AZ136	Zhao, J.-H. Herrnstein, R. Goss, M. Bower, G.	CfA CfA NRAO-Socorro Calif.-Berkeley	VLA monitoring the 106-day cycle of Sgr A	0.7, 1.3, 2	4	2.0
AZ143	Zhao, J.-H. Herrnstein, R. Goss, M. Bower, G. Pegg, J.	CfA CfA NRAO-Socorro Calif.-Berkeley Harvard University	Monitoring quasi-periodic oscillations of SgrA*	0.7, 1.3, 2	13	2.0
BG129	Greenhill, L.J. Chandler, C.J. Reid, M.J. Moran, J.M. Diamond, P.J.	CfA NRAO-Socorro CfA CfA Jodrell Bank	SiO proper motions in Orion KL	0.7 Single antenna VLBI	9	8.0
BG132	Greenhill, L.J. Kondratko, P. Moran, J. Lovell, J. Jauncey, D. Kuiper, T.	CfA Harvard CfA ATNF ATNF JPL	Follow-up imaging of Southern H2O masers detected with the DSN	1.3 Phased array VLBI	15	7.5

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BH104	Homan, D.C.	NRAO-CV	The 180d misaligned jet in PKS 1510-089	20 Single antenna VLBI	9	9.0
BN020	Nakai, N. Yamauchi, A. Sato, N. Diamond, P.	NAO NAO NAO Jodrell Bank	Water vapor megamaser in the LINER IC 1481	1.3 Phased array VLBI	5	10.0
BR088	Ratner, M.I. Bartel, N. Bietenholz, M.F. Lebach, D.E. Lestrade, J-F. Ransom, R.R. Shapiro, I.I.	CfA York U. York U. CfA Meudon York U. CfA	Astrometry of HR 8703 in 2003 for gravity probe-B mission	3.6 Phased array VLBI	26	12.0
GB045	Bartel, N. Bietenholz, M.F. Rupen, M.	York U. York U. NRAO-Socorro	SN 1986J - evolution of its shell and search for a pulsar nebula	2, 6, 20	7	2.0
	Staff	NRAO	Baselines, Pointing, Delays Maintenance Move/Operations New Years shutdown Software General tests		1	43.0 71.5 25.0 16.0 35.0 44.5