4th Quarter 2014	Oct-14	Nov-14	Dec-14	Totals
Scheduled Observing:	508.23	560.46	534.68	**1603.37**
Unscheduled:	26.13	14.74	16.33	**57.20**
Maintenance:	49.11	39.29	46.95	**135.35**
Test/Calc:	160.53	81.51	114.04	**356.08**
Time Lost:	17.22	13.50	18.55	**49.27**
Actual Observing:	491.01	546.96	516.14	**1554.11**
Dynamic Observing Time Available:	534.36	575.20	551.01	**1660.57**

	Scheduled Hours	Percentage	Actual Hours	Percentage
Scheduled Astronomy	1603.37	72.62%	1554.11	71.99%
Unscheduled	57.20	2.59%	57.20	2.65%
Maintenance	135.35	6.13%	135.35	6.27%
Test/Calc	356.08	16.13%	356.08	16.49%
Holiday Shutdown	56.00	2.54%	56.00	2.59%
Total:	**2208.00**	**100.00%**	**2158.74**	**100.00%**

	Available Hours	Actual Hours	Percentage
Dynamic Astronomy:	1660.57	1603.37	96.56%

Average downtime in antenna hours
was **3.17%** of scheduled antenna hours.

December 2014					
Project Code	Total Time (Hrs)	Project Code	Real Outage Hours	Calculated Hours Observed	Date Observed
10C-119	2.58	10C-119	0.02	2.55	14-Dec
13B-019	3.99	13B-019	0.15	3.84	6-Dec
13B-041	6.32	13B-041	0.17	6.16	5,6,10,23,31-Dec
13B-057	7.77	13B-057	0.19	7.58	6,12,13-Dec
13B-064	9.97	13B-064	0.57	9.41	27-Dec
13B-091	2.99	13B-091	0.00	2.99	17-Dec
13B-122	5.48	13B-122	0.09	5.39	9,16,19-Dec
13B-129	5.99	13B-129	0.00	5.99	2,3-Dec
13B-196	15.89	13B-196	4.51	11.38	16,20,26,31-Dec
13B-215	2.99	13B-215	0.03	2.96	12-Dec
14A-027	3.99	14A-027	0.02	3.97	13,21-Dec
14A-051	3.00	14A-051	0.01	3.00	7,21-Dec
14A-171	15.69	14A-171	1.03	14.66	1,2,7,8,9,18,28-Dec
14A-344	4.04	14A-344	0.00	4.04	12,16,20-Dec
14A-360	6.98	14A-360	0.00	6.98	1,3-Dec
14A-375	1.00	14A-375	0.05	0.95	6-Dec
14A-423	2.99	14A-423	0.21	2.78	5,27-Dec
14A-430	3.49	14A-430	0.07	3.42	2,16-Dec
14A-434	4.78	14A-434	0.20	4.58	7,8,10-Dec
14A-445	3.03	14A-445	0.00	3.03	11-Dec
14A-463	13.98	14A-463	0.40	13.58	8,9,11,16,19,27-Dec
14A-468	18.00	14A-468	0.55	17.45	22,23,24,27,28,30,31-Dec
14A-471	1.52	14A-471	0.06	1.46	4-Dec
14A-476	2.24	14A-476	0.06	2.19	15-Dec
14A-485	5.51	14A-485	0.04	5.47	1,4-Dec
14B-010	1.42	14B-010	0.00	1.42	13-Dec
14B-011	1.00	14B-011	0.00	1.00	1-Dec
14B-022	2.00	14B-022	0.02	1.98	14-Dec
14B-037	1.99	14B-037	0.00	1.99	3-Dec
14B-042	3.99	14B-042	0.00	3.99	12,15,23-Dec
14B-043	0.50	14B-043	0.01	0.49	31-Dec
14B-088	4.95	14B-088	0.01	4.94	11-Dec
14B-106	5.99	14B-106	0.12	5.87	4,5-Dec
14B-111	1.52	14B-111	0.00	1.52	3-Dec
14B-128	2.00	14B-128	0.09	1.90	6-Dec
14B-140	11.83	14B-140	0.23	11.60	15,17,22,27,31-Dec
14B-148	40.81	14B-148	1.45	39.36	4,5,13,14,15,22,24,26-Dec
14B-150	4.99	14B-150	0.00	4.99	1-Dec
14B-156	1.50	14B-156	0.02	1.48	17,23,30-Dec
14B-159	3.53	14B-159	0.15	3.37	5,7-Dec
14B-173	4.49	14B-173	0.21	4.28	8,19-Dec

14B-203	15.96	14B-203	0.37	15.59	5,6,7,13,14,18,21-Dec
14B-205	5.98	14B-205	0.22	5.76	18-Dec
14B-230	8.98	14B-230	0.19	8.78	6,13,15,22,28,30,31-Dec
14B-238	26.90	14B-238	1.01	25.88	1,2,7,15,16,19,26,27,28-Dec
14B-242	10.00	14B-242	0.12	9.88	11,12,14,15,16,18,19,21,24,27,28,30,31-Dec
14B-243	5.99	14B-243	0.05	5.94	14,15-Dec
14B-247	0.50	14B-247	0.04	0.46	29-Dec
14B-251	1.00	14B-251	0.00	1.00	3,16-Dec
14B-258	13.97	14B-258	0.39	13.58	21,22,23,29,30-Dec
14B-274	2.00	14B-274	0.00	2.00	23-Dec
14B-278	2.25	14B-278	0.05	2.20	2,28-Dec
14B-292	3.09	14B-292	0.07	3.02	22,30-Dec
14B-302	23.66	14B-302	0.34	23.32	5,6,9,10,11,13,14,15,17,18-Dec
14B-319	1.00	14B-319	0.04	0.96	6-Dec
14B-326	33.96	14B-326	0.93	33.03	2,6,7,10,11,12,17,19,21,22,24,28,29-Dec
14B-340	1.06	14B-340	0.00	1.06	17-Dec
14B-343	12.27	14B-343	0.47	11.80	8,12-Dec
14B-358	1.00	14B-358	0.04	0.96	30-Dec
14B-359	6.13	14B-359	0.07	6.06	10,13-Dec
14B-366	1.81	14B-366	0.04	1.77	18,27-Dec
14B-368	6.11	14B-368	0.28	5.82	11,19,29-Dec
14B-369	1.41	14B-369	0.05	1.36	19-Dec
14B-370	4.38	14B-370	0.18	4.19	6,7,13,28-Dec
14B-373	2.50	14B-373	0.07	2.43	14-Dec
14B-378	5.18	14B-378	0.13	5.06	4,9,11,18-Dec
14B-396	2.00	14B-396	0.15	1.85	26-Dec
14B-405	2.00	14B-405	0.00	2.00	14-Dec
14B-406	13.04	14B-406	0.24	12.80	3,7,17,18,27-Dec
14B-408	46.95	14B-408	1.27	45.68	4,5,8,9,11,13,14,15,18,19,20,22,26,29,30-Dec
14B-482	1.00	14B-482	0.05	0.96	6-Dec
14B-485	2.99	14B-485	0.14	2.85	7-Dec
14B-490	12.47	14B-490	0.32	12.14	7,12,15,19,24-Dec
14B-493	0.75	14B-493	0.06	0.69	24-Dec
14B-494	1.50	14B-494	0.01	1.48	13-Dec
S61420	1.75	S61420	0.00	1.75	18-Dec
SE0851	5.98	SE0851	0.44	5.55	21,31-Dec
SG0747	0.50	SG0747	0.00	0.50	10-Dec
TOTAL:	**534.68**		**18.55**	**516.14**	
			3.47%		

	Scheduled Hours	Percentage	Actual Hours	Percentage

SCHEDULED ASTRONOMY	534.68	71.87%	516.14	71.15%
UNSCHEDULED	16.33	2.19%	16.33	2.25%
MAINTENANCE	46.95	6.31%	46.95	6.47%
TEST/CALC	114.04	15.33%	114.04	15.72%
HOLIDAY SHUTDOWN	32.00	4.30%	32.00	4.41%
TOTAL:	**744.00**	**100.00%**	**725.46**	**100.00%**

	Available Hours	Actual Hours	Percentage
DYNAMIC ASTRONOMY	551.01	534.68	97.04%

Average downtime measured in antenna hours was **3.47%**
of scheduled antenna hours, distributed as:

Category	Outage Hours	Percentage
ANTENNA PADS	0.05	0.24%
CORRELATOR	4.77	25.71%
CRYOGENICS	1.88	10.13%
ELECTRICAL	0.02	0.10%
FIBER OPTICS	0.01	0.05%
FOCUS/ROTATION	1.22	6.58%
FRONT END	0.25	1.33%
LO-IF	2.54	13.67%
MECHANICAL	0.23	1.23%
OTHER	0.59	3.16%
RECOMMISSIONING	3.58	19.32%
SERVO	3.22	17.37%
SITE POWER	0.02	0.10%
WEATHER	0.18	0.99%
TOTAL:	**18.55**	**100.00%**

November 2014					
Project Code	Total Time (Hrs)	Project Code	Real Outage Hours	Calculated Hours Observed	Date Observed
13B-057	6.00	13B-057	0.03	5.97	6,7,8-Nov
13B-103	11.50	13B-103	0.06	11.43	18,19,20,21,25,28-Nov
13B-129	1.99	13B-129	0.00	1.99	13-Nov
13B-133	5.49	13B-133	0.00	5.49	14,20,29-Nov
13B-196	3.99	13B-196	0.00	3.99	28-Nov
13B-215	22.98	13B-215	2.86	20.12	1,2,3,5,11-Nov
14A-003	0.82	14A-003	0.03	0.79	14-Nov
14A-012	4.49	14A-012	0.01	4.48	7,24-Nov
14A-051	2.00	14A-051	0.04	1.95	14-Nov
14A-171	22.03	14A-171	0.34	21.70	1,4,6,7,8,9,29,30-Nov
14A-360	3.99	14A-360	0.09	3.90	30-Nov
14A-430	9.06	14A-430	0.11	8.95	1,9,11,15,17,25,29-Nov
14A-445	4.58	14A-445	0.20	4.37	1-Nov
14A-471	27.20	14A-471	0.59	26.61	1,2,4,6,8,13,15,16,20,24,29-Nov
14A-483	1.00	14A-483	0.00	1.00	9-Nov
14A-485	0.48	14A-485	0.00	0.48	30-Nov
14A-494	1.00	14A-494	0.00	1.00	7-Nov
14B-002	27.05	14B-002	0.14	26.91	6,8,9,10,13,18,21,29,30-Nov
14B-044	10.06	14B-044	0.04	10.01	15,18,24-Nov
14B-062	1.51	14B-062	0.06	1.46	2-Nov
14B-063	7.48	14B-063	0.19	7.29	10,26-Nov
14B-088	42.76	14B-088	0.63	42.13	11,14,15,16,17,22,25-Nov
14B-106	5.98	14B-106	0.00	5.98	13,21,23-Nov
14B-118	2.97	14B-118	0.00	2.97	9-Nov
14B-128	8.25	14B-128	0.08	8.17	14,20,23,24-Nov
14B-148	49.98	14B-148	1.02	48.96	1,7,15,16,18,22,24,28,29,30-Nov
14B-151	7.51	14B-151	0.26	7.25	6,18,19-Nov
14B-163	3.99	14B-163	0.03	3.96	10,19-Nov
14B-165	13.70	14B-165	0.33	13.37	2,11-Nov
14B-177	12.05	14B-177	0.05	12.00	8,9,10,23,24,25,26,27-Nov
14B-184	0.50	14B-184	0.00	0.50	28-Nov
14B-190	5.99	14B-190	0.11	5.88	14,19-Nov
14B-201	1.50	14B-201	0.00	1.50	13-Nov
14B-205	8.98	14B-205	0.86	8.12	16,23-Nov
14B-230	9.94	14B-230	0.36	9.59	1,2,3,6,7,9,20-Nov
14B-238	37.38	14B-238	0.59	36.79	2,7,9,10,18,19,20,21,22,26,27,28-Nov
14B-242	2.99	14B-242	0.01	2.98	15,16,21,24,25,26-Nov
14B-245	20.17	14B-245	0.42	19.76	18,20,22,24-Nov
14B-247	0.50	14B-247	0.00	0.50	9-Nov
14B-251	1.00	14B-251	0.00	1.00	10,19-Nov
14B-272	2.49	14B-272	0.18	2.31	4-Nov

14B-278	4.89	14B-278	0.00	4.89	8,13-Nov
14B-302	7.52	14B-302	0.00	7.52	14,17,21,22,27,29-Nov
14B-309	2.65	14B-309	0.00	2.65	9-Nov
14B-313	5.98	14B-313	0.00	5.98	11-Nov
14B-319	1.80	14B-319	0.00	1.80	1,8,16-Nov
14B-326	31.95	14B-326	1.79	30.16	1,4,5,7,8,9,18,19,20,21,25,28,29,30-Nov
14B-336	10.47	14B-336	0.59	9.89	3-Nov
14B-340	6.03	14B-340	0.00	6.03	7,12,22-Nov
14B-341	7.07	14B-341	0.00	7.07	12-Nov
14B-359	5.97	14B-359	0.40	5.57	14,17-Nov
14B-368	4.00	14B-368	0.00	4.00	28,29-Nov
14B-370	7.85	14B-370	0.10	7.75	1,8,10,12,21-Nov
14B-394	4.49	14B-394	0.12	4.37	2,23-Nov
14B-396	11.97	14B-396	0.00	11.97	14,17,23,25,26-Nov
14B-405	2.00	14B-405	0.07	1.92	26-Nov
14B-406	6.52	14B-406	0.17	6.34	5,10,24-Nov
14B-409	5.49	14B-409	0.20	5.28	3-Nov
14B-413	1.50	14B-413	0.00	1.50	20-Nov
GP053	6.00	GP053	0.22	5.78	3-Nov
SF0474	5.98	SF0474	0.03	5.96	15,16-Nov
SF0858	4.04	SF0858	0.00	4.04	11-Nov
SG0747	2.99	SG0747	0.11	2.88	4-Nov
TOTAL:	**560.46**		**13.50**	**546.96**	
			2.41%		

	Scheduled Hours	Percentage	Actual Hours	Percentage
SCHEDULED ASTRONOMY	560.46	77.84%	546.96	77.42%
UNSCHEDULED	14.74	2.05%	14.74	2.09%
MAINTENANCE	39.29	5.46%	39.29	5.56%
TEST/CALC	81.51	11.32%	81.51	11.54%
HOLIDAY SHUTDOWN	24.00	3.33%	24.00	3.40%
TOTAL:	**720.00**	**100.00%**	**706.50**	**100.00%**

	Available Hours	Actual Hours	Percentage
DYNAMIC ASTRONOMY	575.20	560.46	97.44%

Average downtime measured in antenna hours was **2.41%**
of scheduled antenna hours, distributed as:

Category	Outage Hours	Percentage
ANTENNA PADS	0.05	0.36%
CORRELATOR	1.74	12.88%
CRYOGENICS	1.96	14.49%
FIBER OPTICS	0.01	0.11%
FOCUS/ROTATION	1.24	9.21%
FRONT END	0.31	2.28%
LO-IF	0.48	3.58%
MECHANICAL	1.39	10.31%
OTHER	0.36	2.70%
RECOMMISSIONING	0.26	1.92%
SERVO	2.26	16.72%
SOFTWARE	0.39	2.88%
WEATHER	3.05	22.57%
TOTAL:	**13.50**	**100.00%**

October 2014					
Project Code	Total Time (Hrs)	Project Code	Real Outage Hours	Calculated Hours Observed	Date Observed
13B-057	11.48	13B-057	0.11	11.38	1,6,7,9,10,20,22,31-Oct
13B-088	3.99	13B-088	0.19	3.80	19-Oct
13B-103	0.75	13B-103	0.06	0.69	7-Oct
13B-133	1.50	13B-133	0.00	1.50	21-Oct
13B-194	1.00	13B-194	0.00	1.00	5-Oct
13B-323	10.32	13B-323	0.50	9.83	13-Oct
13B-326	2.99	13B-326	0.00	2.99	9-Oct
13B-454	1.00	13B-454	0.00	0.99	26-Oct
14A-003	1.00	14A-003	0.00	1.00	31-Oct
14A-012	5.49	14A-012	0.07	5.41	12,13,17,27-Oct
14A-051	1.00	14A-051	0.00	1.00	27-Oct
14A-171	3.95	14A-171	0.26	3.70	3,4-Oct
14A-241	1.70	14A-241	0.02	1.68	3-Oct
14A-336	2.25	14A-336	0.00	2.25	4-Oct
14A-344	2.16	14A-344	0.05	2.11	1,4-Oct
14A-423	0.99	14A-423	0.99	0.00	25-Oct
14A-425	9.93	14A-425	0.14	9.79	1,2,3,4,5,6,7-Oct
14A-430	4.50	14A-430	0.04	4.46	26,27,30-Oct
14A-434	2.75	14A-434	0.00	2.75	2,16-Oct
14A-463	13.46	14A-463	0.08	13.37	2,4,5-Oct
14A-471	12.32	14A-471	2.05	10.27	27,28,29,30,31-Oct
14A-476	2.49	14A-476	0.14	2.35	18-Oct
14A-483	4.99	14A-483	0.09	4.90	7,14,15,17,25-Oct
14B-002	27.09	14B-002	0.80	26.29	14,15,16,17,18,22,24,26,28-Oct
14B-011	1.00	14B-011	0.00	1.00	9-Oct
14B-015	16.10	14B-015	0.15	15.95	4,5,6,7,8-Oct
14B-022	1.50	14B-022	0.11	1.39	19-Oct
14B-044	2.99	14B-044	0.04	2.95	10-Oct
14B-051	0.60	14B-051	0.00	0.60	21-Oct
14B-053	1.94	14B-053	0.07	1.87	13-Oct
14B-088	4.27	14B-088	0.00	4.27	22-Oct
14B-096	5.15	14B-096	0.05	5.10	4,5-Oct
14B-100	4.50	14B-100	0.18	4.31	7,8,14-Oct
14B-118	11.41	14B-118	0.03	11.38	10,20,25-Oct
14B-120	2.50	14B-120	0.00	2.49	10,18-Oct
14B-128	2.00	14B-128	0.07	1.92	18-Oct
14B-148	14.96	14B-148	0.22	14.74	17,19,27-Oct
14B-151	14.97	14B-151	0.55	14.41	14,15,24,25-Oct
14B-157	6.00	14B-157	0.00	6.00	9,10-Oct
14B-160	8.98	14B-160	0.36	8.62	3,4,18-Oct
14B-165	6.85	14B-165	0.03	6.82	26-Oct

14B-173	2.99	14B-173	0.40	2.59	18-Oct
14B-175	4.99	14B-175	0.05	4.94	17,22-Oct
14B-184	0.50	14B-184	0.00	0.49	10-Oct
14B-196	7.98	14B-196	0.15	7.83	16,18,20,26,27-Oct
14B-201	4.99	14B-201	0.18	4.81	9,10,16-Oct
14B-205	5.98	14B-205	1.55	4.44	12-Oct
14B-230	7.99	14B-230	0.01	7.97	9,10,13,16,27-Oct
14B-238	24.16	14B-238	0.39	23.77	25,26,30,31-Oct
14B-241	3.29	14B-241	0.36	2.94	19,20,26,27-Oct
14B-244	1.83	14B-244	0.09	1.74	9,15-Oct
14B-248	2.39	14B-248	0.00	2.39	13-Oct
14B-251	1.25	14B-251	0.00	1.24	18,26-Oct
14B-252	9.66	14B-252	0.04	9.62	24,28,30-Oct
14B-254	4.99	14B-254	0.05	4.94	5-Oct
14B-259	3.23	14B-259	0.03	3.20	5-Oct
14B-272	2.99	14B-272	0.11	2.88	19-Oct
14B-278	17.79	14B-278	2.10	15.69	2,3,10,16,17,20,24,26,28-Oct
14B-285	1.25	14B-285	0.05	1.20	16-Oct
14B-289	6.07	14B-289	0.00	6.07	22,25,28,30-Oct
14B-296	4.99	14B-296	0.21	4.78	16,18-Oct
14B-301	8.98	14B-301	0.34	8.64	10,14,15-Oct
14B-319	1.79	14B-319	0.00	1.79	28,31-Oct
14B-337	2.99	14B-337	0.00	2.99	26-Oct
14B-340	2.74	14B-340	0.14	2.60	19,31-Oct
14B-341	10.97	14B-341	0.75	10.22	19,21-Oct
14B-358	2.00	14B-358	0.00	1.99	17,27-Oct
14B-359	8.99	14B-359	0.23	8.76	16,19,24,28-Oct
14B-366	0.04	14B-366	0.04	0.00	23-Oct
14B-369	2.87	14B-369	0.07	2.80	6,23-Oct
14B-370	3.43	14B-370	0.01	3.42	24,26,28,30-Oct
14B-371	2.99	14B-371	0.03	2.96	3-Oct
14B-382	5.98	14B-382	0.49	5.50	20,21-Oct
14B-385	6.97	14B-385	0.13	6.85	1,4,8-Oct
14B-390	3.49	14B-390	0.04	3.46	24-Oct
14B-394	19.17	14B-394	0.15	19.02	1,2,3,4,5-Oct
14B-398	5.01	14B-398	0.08	4.93	10,13,16,17,27-Oct
14B-411	0.32	14B-411	0.00	0.32	3-Oct
14B-413	3.71	14B-413	0.07	3.63	17,18,22-Oct
14B-429	1.51	14B-429	0.00	1.51	5-Oct
14B-479	1.00	14B-479	0.06	0.93	18-Oct
GB074	14.32	GB074	0.42	13.90	22-Oct
GB076	24.82	GB076	0.07	24.75	23,28-Oct
GP053	12.00	GP053	0.53	11.47	20,27-Oct

SF0858	8.04	SF0858	0.34	7.71	13,20-Oct
TOTAL:	**508.23**		**17.22**	**491.01**	
			3.39%		

	Scheduled Hours	Percentage	Actual Hours	Percentage
SCHEDULED ASTRONOMY	508.23	68.31%	491.01	67.56%
UNSCHEDULED	26.13	3.51%	26.13	3.60%
MAINTENANCE	49.11	6.60%	49.11	6.76%
TEST/CALC	160.53	21.58%	160.53	22.09%
TOTAL:	**744.00**	**100.00%**	**726.78**	**100.00%**

	Available Hours	Actual Hours	Percentage
DYNAMIC ASTRONOMY	534.36	508.23	95.11%

Average downtime measured in antenna hours was **3.39%** of scheduled antenna hours, distributed as:

Category	Outage Hours	Percentage
ANTENNA PADS	0.01	0.06%
CORRELATOR	2.35	13.66%
CRYOGENICS	1.42	8.26%
FIBER OPTICS	0.73	4.25%
FOCUS/ROTATION	1.24	7.17%
FRONT END	1.89	11.00%
HVAC	0.11	0.64%
LO-IF	1.52	8.82%
MECHANICAL	0.06	0.36%
OTHER	0.08	0.44%
SERVO	2.76	16.05%
SITE POWER	0.00	0.00%
SOFTWARE	3.11	18.03%
VLBA RECORDERS	0.42	2.42%
WEATHER	1.52	8.83%
TOTAL:	**17.22**	**100.00%**

3rd Quarter 2014	Jul-14	Aug-14	Sep-14	Totals
Scheduled Observing:	528.16	545.24	500.05	**1573.45**
Unscheduled:	21.71	20.91	10.80	**53.42**
Maintenance:	36.86	39.22	39.80	**115.88**
Test/Calc:	152.15	138.63	168.73	**459.51**
Power Out*:	5.12	0.00	0.00	**5.12**
Correlator Failure**:	0.00	0.00	0.62	**0.62**
Time Lost:	22.82	20.52	10.01	**53.35**
Actual Observing:	505.34	524.72	490.04	**1520.10**
Dynamic Observing Time Available:	549.87	566.15	510.85	**1626.87**

	Scheduled Hours	Percentage	Actual Hours	Percentage
Scheduled Astronomy	1573.45	71.26%	1520.10	70.55%
Unscheduled	53.42	2.42%	53.42	2.48%
Maintenance	115.88	5.25%	115.88	5.38%
Test/Calc	459.51	20.81%	459.51	21.33%
Weather*	0.00	0.00%	0.00	0.00%
Power Out**	5.12	0.23%	5.12	0.24%
Holiday Shutdown	0.62	0.03%	0.62	0.03%
Total:	**2208.00**	**100.00%**	**2154.65**	**100.00%**

* Observing not possible due to site power outage

** Observing not possible due to correlator failure

	Available Hours	Actual Hours	Percentage
Dynamic Astronomy:	1626.87	1573.45	96.72%

Average downtime in antenna hours
was **3.4%** of scheduled antenna hours.

Quarterly Project Totals for Jul - Sep 2014		
Project Code	Total Time Observed	Total Actual Time Observed
13B-026	2.99	2.88
13B-041	11.97	11.86
13B-057	35.53	34.75
13B-064	9.97	9.24
13B-188	4.74	4.59
13B-194	4.49	4.49
13B-219	2.00	1.92
13B-318	1.50	1.50
13B-323	10.19	9.35
13B-326	1.99	1.42
13B-335	8.07	8.06
14A-003	3.49	3.48
14A-015	3.99	3.84
14A-020	8.12	8.08
14A-024	29.50	29.06
14A-027	2.00	1.87
14A-031	12.00	11.48
14A-048	11.55	11.23
14A-049	12.47	12.12
14A-051	8.48	8.39
14A-076	13.96	13.41
14A-077	102.27	98.07
14A-079	2.01	2.01
14A-103	7.48	6.96
14A-106	8.06	8.06
14A-108	11.31	11.00
14A-114	17.00	15.26
14A-120	9.78	9.39
14A-128	5.47	5.32
14A-134	12.97	12.46
14A-139	7.93	7.43
14A-142	7.51	4.93
14A-151	6.32	6.20
14A-165	10.00	9.65
14A-167	15.95	15.80
14A-169	3.03	2.97
14A-171	1.99	1.99
14A-178	23.14	22.61
14A-180	21.21	20.56
14A-191	2.49	2.17

14A-194	45.98	45.72
14A-200	26.96	26.23
14A-209	6.01	5.57
14A-214	39.76	36.84
14A-219	2.10	2.06
14A-223	11.97	11.55
14A-225	19.94	18.96
14A-226	1.75	1.75
14A-235	58.28	55.08
14A-241	8.48	8.31
14A-255	19.76	19.19
14A-259	15.12	14.57
14A-272	18.97	18.89
14A-285	4.73	4.73
14A-291	4.49	4.27
14A-292	2.00	1.95
14A-304	8.84	8.51
14A-318	3.58	3.42
14A-336	4.49	4.40
14A-339	29.11	28.25
14A-340	3.49	3.30
14A-344	15.85	15.52
14A-354	24.32	23.61
14A-362	11.80	11.19
14A-371	2.99	2.86
14A-375	2.00	1.96
14A-400	6.93	6.69
14A-420	162.75	158.50
14A-425	65.69	62.97
14A-430	7.06	6.79
14A-434	11.32	11.15
14A-445	3.53	3.53
14A-449	3.99	3.95
14A-452	33.96	33.54
14A-456	2.02	1.91
14A-462	7.07	6.71
14A-463	61.35	58.92
14A-468	16.11	15.47
14A-474	29.49	28.30
14A-478	16.15	15.47
14A-479	1.84	1.84
14A-483	7.49	7.32

14A-485	20.90	19.96
14A-505	13.86	13.57
14A-531	1.00	1.00
14A-534	2.00	1.97
14A-558	0.50	0.50
14A-559	2.00	1.89
14A-561	3.98	3.75
14B-019	29.26	29.12
14B-027	0.50	0.48
14B-043	0.99	0.99
14B-051	1.00	0.98
14B-062	5.00	4.91
14B-069	0.90	0.90
14B-096	13.74	13.13
14B-157	5.99	5.88
14B-164	6.07	6.07
14B-194	5.78	5.78
14B-201	5.32	5.02
14B-205	5.99	5.93
14B-212	12.12	12.10
14B-234	14.71	14.12
14B-237	4.99	4.99
14B-253	1.00	0.96
14B-254	9.98	9.61
14B-259	7.30	7.30
14B-278	6.98	6.97
14B-302	7.91	7.79
14B-340	2.05	2.02
14B-349	4.57	4.46
14B-369	4.02	3.94
14B-371	2.99	2.99
14B-388	4.39	4.39
14B-392	14.13	13.87
14B-394	1.03	1.03
14B-396	12.83	12.46
14B-429	8.64	8.32
14B-476	0.67	0.67
14B-477	2.00	1.92
14B-478	1.99	1.99
SF0853	6.98	6.20
SF0858	13.00	12.60

TOTALS:	**1573.45**	**1520.10**

NOTE: the project actually ran for the *Total Time Observed* , but when one factors in equipment downtime, the *Total Actual Time Observed* is less.

September 2014

Project Code	Total Time (Hrs)	Project Code	Real Outage Hours	Calculated Hours Observed	Date Observed
13B-057	8.86	13B-057	0.15	8.71	6,8,23,25,29-Sep
13B-194	4.49	13B-194	0.00	4.49	27,28-Sep
13B-219	2.00	13B-219	0.07	1.92	22-Sep
13B-318	1.50	13B-318	0.00	1.50	25-Sep
14A-020	6.79	14A-020	0.03	6.75	1,15,23,30 Sep
14A-024	2.25	14A-024	0.00	2.25	5-Sep
14A-051	1.00	14A-051	0.00	1.00	13-Sep
14A-077	11.97	14A-077	0.11	11.86	1,7,12,14-Sep
14A-108	1.00	14A-108	0.00	1.00	14-Sep
14A-120	1.99	14A-120	0.00	1.99	1-Sep
14A-128	3.49	14A-128	0.08	3.41	2,15-Sep
14A-151	6.31	14A-151	0.12	6.20	16,17,22-Sep
14A-167	7.99	14A-167	0.03	7.96	12,13,14-Sep
14A-169	3.03	14A-169	0.06	2.97	8,13-Sep
14A-178	7.18	14A-178	0.07	7.10	1,2,6,7,13,14-Sep
14A-180	1.12	14A-180	0.01	1.11	15-Sep
14A-191	2.49	14A-191	0.32	2.17	4-Sep
14A-194	23.09	14A-194	0.19	22.90	1,5,7,10,11,12,13,14-Sep
14A-200	9.00	14A-200	0.22	8.78	5,7,9-Sep
14A-214	7.98	14A-214	0.16	7.82	6,20,27,27-Sep
14A-219	1.05	14A-219	0.00	1.05	11-Sep
14A-223	3.99	14A-223	0.15	3.84	13-Sep
14A-225	3.99	14A-225	0.18	3.81	19,20 Sep
14A-226	1.75	14A-226	0.00	1.75	1-Sep
14A-255	1.39	14A-255	0.06	1.33	8-Sep
14A-259	2.35	14A-259	0.02	2.33	11,13-Sep
14A-272	17.47	14A-272	0.08	17.39	1,3,7,10,11,12,13,14,15-Sep
14A-285	4.73	14A-285	0.00	4.73	11,12,14-Sep
14A-336	4.49	14A-336	0.09	4.40	12,14-Sep
14A-339	11.34	14A-339	0.27	11.07	5,6,7,8,10-Sep
14A-344	7.35	14A-344	0.20	7.15	4,6,7,12,14,21-Sep
14A-362	2.35	14A-362	0.02	2.33	1-Sep
14A-371	2.99	14A-371	0.14	2.85	7-Sep
14A-375	1.00	14A-375	0.00	1.00	6-Sep
14A-425	44.54	14A-425	0.86	43.68	1,2,3,4,6,8,9,12,16,17,18,19,20,21,22,23,24,25,26,28,29,30 Sep
14A-434	6.03	14A-434	0.06	6.01	2,12,14-Sep
14A-445	3.53	14A-445	0.00	3.53	10-Sep
14A-449	3.99	14A-449	0.04	3.95	1-Sep
14A-456	2.02	14A-456	0.11	1.91	4 Sep
14A-463	46.34	14A-463	2.05	44.29	2,4,5,6,8,9,11,12,13,14,15,24,30-Sep
14A-468	2.00	14A-468	0.00	2.00	20-Sep
14A-478	5.99	14A-478	0.37	5.62	1,2-Sep
14A-483	1.99	14A-483	0.01	1.98	3,24-Sep
14A-505	9.26	14A-505	0.07	9.19	1,6,7,8,11,14,15-Sep
14A-531	1.00	14A-531	0.00	1.00	6-Sep
14A-534	1.00	14A-534	0.03	0.97	22-Sep
14B-019	29.26	14B-019	0.14	29.12	27,28,29,30-Sep
14B-027	0.50	14B-027	0.02	0.48	20-Sep
14B-043	0.99	14B-043	0.00	0.99	18-Sep
14B-051	1.00	14B-051	0.02	0.98	19-Sep
14B-062	5.00	14B-062	0.10	4.91	3,10-Sep
14B-069	0.90	14B-069	0.00	0.90	19-Sep
14B-096	13.74	14B-096	0.61	13.13	18,23,24,25,27,28,30-Sep
14B-157	5.99	14B-157	0.11	5.88	19-Sep
14B-164	6.07	14B-164	0.00	6.07	25,26,27-Sep
14B-194	5.78	14B-194	0.00	5.78	18,20-Sep
14B-201	5.32	14B-201	0.29	5.02	18,19,25-Sep
14B-205	5.99	14B-205	0.06	5.93	20,22-Sep
14B-212	12.12	14B-212	0.02	12.10	19,20,21,22-Sep
14B-234	14.71	14B-234	0.59	14.12	21,22,26,27,28,29-Sep
14B-237	4.99	14B-237	0.00	4.99	23-Sep
14B-254	9.98	14B-254	0.37	9.61	26,28-Sep
14B-259	7.30	14B-259	0.00	7.30	26,27,28-Sep
14B-278	6.93	14B-278	0.02	6.97	19,26,29-Sep
14B-302	7.91	14B-302	0.12	7.79	20,21,22-Sep
14B-369	4.02	14B-369	0.08	3.94	20,21-Sep
14B-371	2.99	14B-371	0.00	2.99	25-Sep
14B-388	4.39	14B-388	0.00	4.39	24,25-Sep
14B-392	14.13	14B-392	0.27	13.87	15,16-Sep
14B-394	1.03	14B-394	0.00	1.03	30-Sep
14B-396	6.17	14B-396	0.36	5.81	4,6,7-Sep
14B-429	8.64	14B-429	0.32	8.32	23,26,27-Sep
14B-476	0.67	14B-476	0.00	0.67	20-Sep
14B-477	2.00	14B-477	0.07	1.92	25-Sep
14B-478	1.99	14B-478	0.00	1.99	24-Sep
SF0358	2.00	SF0358	0.00	2.00	19-Sep
TOTAL:	500.05		10.01	490.04	
			2.00%		

	Scheduled Hours	Percentage	Actual Hours	Percentage
SCHEDULED ASTRONOMY	500.05	69.45%	490.04	69.02%
UNSCHEDULED	10.80	1.50%	10.80	1.52%
MAINTENANCE	39.80	5.53%	39.80	5.61%
TEST/CALC	168.73	23.43%	168.73	23.77%
CORRELATOR FAILURE*	0.62	0.09%	0.62	0.09%
HOLIDAY SHUTDOWN	0.00	0.00%	0.00	0.00%
TOTAL:	720.00	100.00%	709.99	100.00%

* Observing not possible due to correlator configuration failure

	Available Hours	Actual Hours	Percentage
DYNAMIC ASTRONOMY	510.85	500.05	97.89%

Average downtime measured in antenna hours was **2.00%** of scheduled antenna hours, distributed as:

Category	Outage Hours	Percentage
ANTENNA PADS	0.30	2.99%
CORRELATOR	0.59	5.87%
CRYOGENICS	2.22	22.19%
ELECTRICAL	0.03	0.29%
FIBER OPTICS	0.39	3.93%
FOCUS/ROTATION	1.43	14.25%
FRONT END	1.90	18.96%
LO-IF	0.29	2.94%
MECHANICAL	0.03	0.28%
OTHER	0.51	5.06%
SERVO	1.28	12.78%
SITE POWER	0.64	6.37%
SOFTWARE	0.38	3.81%
WEATHER	0.03	0.28%
TOTAL:	10.01	100.00%

July 2014					
Project Code	Total Time (Hrs)	Project Code	Real Outage Hours	Calculated Hours Observed	Date Observed
13B-026	2.99	13B-026	0.11	2.88	6-Jul
13B-041	7.98	13B-041	0.03	7.95	8,12,13,14,17,20,29-Jul
13B-057	16.21	13B-057	0.49	15.72	2,3,4,8,12,13,19,24,30-Jul
13B-326	1.99	13B-326	0.57	1.42	4,8-Jul
14A-003	3.49	14A-003	0.01	3.48	1,3,8-Jul
14A-015	2.99	14A-015	0.15	2.85	1,2,18-Jul
14A-024	18.28	14A-024	0.12	18.17	18,19,21,25,26,27-Jul
14A-031	5.98	14A-031	0.26	5.73	7,15,26-Jul
14A-048	11.55	14A-048	0.32	11.23	1,3,4,25-Jul
14A-049	10.97	14A-049	0.30	10.68	8,11,15,24,31-Jul
14A-051	7.48	14A-051	0.09	7.39	22,25,30-Jul
14A-076	13.96	14A-076	0.56	13.41	4,6,8,10,13,27-Jul
14A-077	25.95	14A-077	0.95	25.01	5,6,12,14,18,20,25,26,30-Jul
14A-079	2.01	14A-079	0.00	2.01	5-Jul
14A-103	7.48	14A-103	0.52	6.96	5,10,11-Jul
14A-108	2.00	14A-108	0.03	1.97	13-Jul
14A-114	17.00	14A-114	1.73	15.26	1,2,3,11,15,19,21-Jul
14A-120	5.78	14A-120	0.33	5.45	6,8,11,20-Jul
14A-128	1.98	14A-128	0.07	1.90	22-Jul
14A-139	6.93	14A-139	0.42	6.51	11,12,13,19,20,29-Jul
14A-142	7.51	14A-142	2.58	4.93	4,10,11,19-Jul
14A-165	4.87	14A-165	0.17	4.70	11,19,21,23,28-Jul
14A-178	6.99	14A-178	0.22	6.76	1,4,10,12,27,28,29-Jul
14A-180	5.09	14A-180	0.27	4.82	11,18,31-Jul
14A-194	10.49	14A-194	0.00	10.49	1,22,24,25-Jul
14A-200	14.96	14A-200	0.48	14.49	1,7,25,26-Jul
14A-214	17.80	14A-214	1.67	16.13	2,5,6,11,13,21,22-Jul
14A-223	3.99	14A-223	0.04	3.95	16-Jul
14A-225	11.97	14A-225	0.80	11.16	3,8,10,11,13,14-Jul
14A-235	33.25	14A-235	1.11	32.14	17,18,20,25,26,27,28,29,31-Jul

14A-241	4.49	14A-241	0.13	4.36	11,30-Jul
14A-255	14.38	14A-255	0.23	14.14	4,7,16,19,20,22,26,27-Jul
14A-259	9.54	14A-259	0.47	9.07	5,10,12,13,18,19,26-Jul
14A-291	4.49	14A-291	0.22	4.27	22,24-Jul
14A-292	1.00	14A-292	0.04	0.96	1-Jul
14A-304	7.35	14A-304	0.34	7.01	17,18,19,26,27-Jul
14A-318	3.58	14A-318	0.16	3.42	10-Jul
14A-340	3.49	14A-340	0.19	3.30	3-Jul
14A-344	5.50	14A-344	0.05	5.45	6,17,20,26-Jul
14A-354	4.14	14A-354	0.17	3.97	12-Jul
14A-362	2.39	14A-362	0.26	2.13	8-Jul
14A-375	1.00	14A-375	0.04	0.96	2-Jul
14A-400	5.24	14A-400	0.19	5.05	19,22,26-Jul
14A-420	65.32	14A-420	0.67	64.65	4,7,9,12,14,16,17,21,23,24,27,28,29-Jul
14A-425	1.29	14A-425	1.29	0.00	1-Jul
14A-430	7.06	14A-430	0.27	6.79	3,4,8,20-Jul
14A-434	1.50	14A-434	0.00	1.50	15-Jul
14A-452	24.03	14A-452	0.09	23.94	7,8,9,10,11,12,16,17,18,20,21,23,26,27,28,29,30-Jul
14A-462	7.07	14A-462	0.36	6.71	13,25,29,30-Jul
14A-468	14.11	14A-468	0.64	13.47	10,11,12,13,14-Jul
14A-474	10.04	14A-474	0.54	9.49	6,13,21,28-Jul
14A-479	1.84	14A-479	0.00	1.84	23-Jul
14A-483	3.50	14A-483	0.07	3.43	3,4,8-Jul
14A-485	20.90	14A-485	0.94	19.96	2,5,6,7,9,13,14-Jul
14A-534	1.00	14A-534	0.00	1.00	31-Jul
14A-561	3.98	14A-561	0.22	3.75	15,17,20-Jul
14B-253	1.00	14B-253	0.04	0.96	1-Jul
14B-340	2.05	14B-340	0.03	2.02	15,18-Jul
SF0853	6.98	SF0853	0.78	6.20	5-Jul
TOTAL:	**528.16**		**22.82**	**505.34**	
			4.32%		

	Scheduled Hours	Percentage	Actual Hours	Percentage
SCHEDULED ASTRONOMY	528.16	70.99%	505.34	70.07%
UNSCHEDULED	21.71	2.92%	21.71	3.01%
MAINTENANCE	36.86	4.95%	36.86	5.11%
TEST/CALC	152.15	20.45%	152.15	21.10%
WEATHER*	0.00	0.00%	0.00	0.00%
POWEROUT**	5.12	0.69%	5.12	0.71%
HOLIDAY SHUTDOWN	0.00	0.00%	0.00	0.00%
TOTAL:	**744.00**	**100.00%**	**721.18**	**100.00%**

* Observing not possible due to weather conditions

** Observing not possible due to site power outage

	Available Hours	Actual Hours	Percentage
DYNAMIC ASTRONOMY	549.87	528.16	96.05%

Average downtime measured in antenna hours was **4.32%** of scheduled antenna hours, distributed as:

Category	Outage Hours	Percentage
CORRELATOR	0.62	2.74%
CRYOGENICS	2.29	10.05%
FIBER OPTICS	0.82	3.62%
FOCUS/ROTATION	0.58	2.53%
FRONT END	5.94	26.05%
HVAC	0.03	0.11%
LO-IF	1.72	7.52%
OTHER	1.45	6.34%
SERVO	2.95	12.93%
SITE POWER	0.22	0.95%
SOFTWARE	5.18	22.70%
WEATHER	1.02	4.46%

TOTAL:	22.82	100.00%

VLA Utilization Report June 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AA373	Anderson, L Balser, D. Bania, T. Wengerm, T. Dame, T.	West Virginia NRAO-CV Boston UVa CfA	Finding the Most Distant Galactic Star Formation Regions	3.6	25	2
AA391	Arcavi, I, Horesh, A. Gal-Yam, A. Ceno, B.	Calif., Santa Barbara Weizmann Inst, Weizmann Inst. NASA	Constraining the Nature of Three Nearby TDE Candidates	6,10	28	1
AB1469	Bell, M. Ensslin, T. Bonafede, A. Klein, U. Anderson, J. Wise, M. Perley, R.	MPIfR MPIfR Hamburg Bonn MPIfR ASTRON NRAO-Socorro	Faraday Synthesis Of Hydra A To Study ICM Magnetic Fields, Jet/ICM Interaction	3.6,6,10, 20	27	3.89
AB1486	Barrows, R. Wrobel, J. Comerford, J. Lacy, C. Berier, J.	Arkansas., Fayetteville NRAO-Socorro Colo., Boulder Arkansa., Fayetteville Arkansa., Fayetteville	Characterizing Dual AGN Candidates at z=0.8-1.3	0.9	1	0.92
AB1487	Butler, B.	NRAP-Socorro	Long wavelength observations of Venus	90	7,8	10.66
AB1498	Berger, E. Zauderer, B. Fong, W. Laskar, T. Soderberg, A. Kamble, A. Sari, R. Metzger, B. Margutti, R. Chakraborti, S. Nakar, E. Chornock, R. Menten, K. Williams, P. McIntosh, M.	CfA CfA CfA CfA CfA CfA Hebrew Univ. Princeton CfA CfA Tel Aviv Univ. CfA MPIfR CfA CfA	New Insights on Gamma-Ray Bursts with the Jansky VLA: A Legacy Approach	1.3,2,3.6 ,6	1,2,20,25,2 7	10.18
AB1502	Broekhoven-Fiene, H. Matthews, B. Duchene, G. Francesco, J, Mann, R. Bourke, T.	Univ. of Victoria Herberg Calif., Berkeley Herzberg Herzberg CfA	Characterizing Bright Disks in the Auriga-California GMC	0.7,3.6.6	1,29,30	4.61
AB1530	Burgasser, A. Melis, C.	Calif., San Diego Calif., San Diego	Support Astrometry for VLBA Observations of 2MASS 1315-2649AB	6	10	1.26

VLA Utilization Report June 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AC1143	Chomiuk, L. Sololoski, J. Weston, J. Nelson,T. Rupen, M. Mukai, K. Mioduszewski, A. Roy, N. Bode, M. Bildsten, L. Eyres, S. Munari, U. O'Brien, T. Townsley, D. Williams, B.	Michigan Columbia Columbia Minnesota NRAO-Socorro NASA NRAO-Socorro MPIfR John Moores Univ. Calif., Santa Barbara Central Lancashire INAF Jodrell Bank Alab., Tuscalossa STScI	Tempests, Not Bombs: The Complex, Prolonged Explosions of Novae	0.9,2,6,20	1,13,15,19,22	7.27
AC1167	Castelletti, G. Aliu, E. Pichel, A. Roberts, M.	IAFE Columbia IAFE Eureka	EVLA D-configuration observations toward the TeV gamma-ray source VER J2227+608	10,20	30	1.90
AC1171	Cannon, J. Hayes, M. Kunth, D. Laursen, P. Mas-Hesse, M. Melinder, J. Ostin, G. Pardy, S. Schaerer, D. Rivera-Thorsen, T. Verhame, A.	Maclester College IRAP IAP Copenhagen CSIC Stockholm Stockholm Wisc., Madison Geneve Stockholm Geneve	Neutral Hydrogen in the LARS+eLARS Galaxies	20	27,28	7.53
AC1175	Chandra, P. Wade, G. Cohen, D. Gagne, M. Oksala M. Owocki, S. ud-Doula, A. Grunhut, J. Sundqvist, J.	TIFR RMCC Swarthmore West Chester Univ. Delaware Delaware Pennsylvania ESO Munchen	Tracing the radio emission from magnetic OB stars	0.9,3.6,10	12,17,26	2.46
AC1183	Carrasco-Gonzalez, C. Anglada, G. Rodriguez, L, Torrelles, M.	MPIfR IAA UNAM Catalunya	Investigating jet-core interaction in L1551	1.3,2	26	0.94
AC1191	Corsi, A. Gal-Yam, A. Kulkarni, S. Arcavi, I. Horesh, A. Frail, D. Ofek, E. Cenko, B.	GW Univ. Weizmann Inst. Caltech Weizmann Inst. Caltech NRAO-Socorro Weizmann Inst. NASA	VLA follow-up of iPTF Ib/c SNe: An efficient quest for relativistic explosions	2,3.6,6,10	1,30	2.29
AC1193	Corsi, A. Frail, D. Gal-Yam, A. Ofek, E, Kulkarni, S.	GW Univ. NRAO-Socorro Weizmann Inst. Weizmann Inst. Caltech	Long-term follow-up of the radio loud supernova PTF11qcj with the VLA	2,6,3.6,19	1	2.14

VLA Utilization Report June 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AK829	Kepley, A. Balser, D. Goss, M. Johnson, K. Pisano, D. J	NRAO-CV NRAO-CV NRAO-Socorro UVa West Virginia	Measuring the Dense Ionized Gas in Dwarf Starburst Galaxies Using RRLs	0.9	28,29	5,78
AK837	Kulkarni, S. Horesh, A. Cenko, B. Corsi, A. Gal-Yam, A. Ofek, E. Kasliwal, M. Cao, Y. Mooley, K.	Caltech Caltech NASA GW Univ. Weizmann Inst. Weizmann Inst. Carnegie Inst. Caltech Caltech	A Joint PTF-VLA Transient Program	0.7,1.3,6,10	15,23,25,30	5.9
AK854	Kamble, A. Soderberg, A. Chakraborti, S. Milsavljevic, D. Margutti, R, Krishner, R. Drout, M. Zauderer, B. Foley, R.	CfA CfA CfA CfA CfA CfA CfA CfA CfA	A Young Type Ic Supernova with very Broad-lines at 25 Mpc	2,3.6,6,20	20	1
AL865	Liu, H. Galvan-Madrid, R. Fobrich, J. Bermudez, J. Rodriguez, L. Hora, J. Michihiro, T. Chou, M. Yan, C. Ho, P. Xhang, Q. Costigan, G. Manara, C. Testi, L.	ASIAA ESO CfA CSIC UNAM CfA ASIAA ASIAA ASIAA CfA CfA ESO ESO ESO	The Jet-Accretion Connection in Young Stellar Objects	2,3.6	24	0.69
AL871	Lonsdalle, C. Lonsdale, C. Lacy, M. Kimball, A. Blain, A. Condon, J.	NRAO-CV NRAO-CV NRAO-CV CSIRO Leicester NRAO-CV	Ka-band images at 400pc scales in 4 of the reddest, most obscured, quasars known	0.9	1	0.92
AL874	Lacy, M. Mao, M. Kimball, A. Jagannatha, P. Ridgway. S.	NRAO-CV NRAO-Socorro CSIRO NRAO-CV NOAO	Deep VLA observations of GeMS/SERVS Deep Fields	3.6	1	0.92
AL882	Law, C. Spolaor, S. Bower, G. Rupen, M, Butler, B. Siemion, A. VanderWiel, S Lazio, J. Mattmann, C	Calif., Berkeley JPL Calif., Berkeley NRAO-Socorro NRAO-Socorro Calif., Berkeley LANL JPL JPL	Interferometric Localization of Cosmological Millisecond Transients	20	13,14,16,17,18,19,20,21,22,24	52.73
AM1255	Morganti, R. Frank, B. Oosterloo, T.	ASTRON ASTRON ASTRON	Fast HI outflows in Seyfert galaxies	20	1	0.94

VLA Utilization Report June 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AC1194	Chomiuk, L. SoderBerg, A. Van Kerkwijk, M Simon, J. Foley, R. Chevalier, R. Fransson, C. Badenes, C. Margutti, R. Linford, J.	Michigan CfA Toronto Carnegie Inst. CfA UvA Stockholm Princeton CfA Michigan	Radio Observations of the Young Type Ia Supernova in M82	6	12	1.00
AE206	Ellingsen, S. Breen, S. Voronkov, M. Caswell, J.	Tasmania ATNF ATNF CSIRO	Direct tests of maser-based evolutionary timelines for High-mass star formation	0.9,1.3,3.6,6	26,30	4.06
AE207	Engels, D. Etoka, S. Gerard, E. Claussen, M.	Hamburg Hamburg Obs. de Paris NRAO-Socorro	New determination of distances to OH 30.1-0.7 and IRAS 20234-1357	20	23	1.97
AF525	Falcke, H. Bower, G. Markoff, S. Brunthaler, A. Ott, J. Brinkerink, C. Moscibrodzka, M. Law, C. Menten, K. Marrone, D. Fish, V. Rushton, A. Morris, M. Krichbaum, T.	Nijmegen Calif., Berkeley van Amsterdam MPIfR NRAO-Socorro Nijmegen Urban-Champaign Calif., Berkeley MPIfR NRAO-CV Haystack Southampton UCLA MPIfR	Sgr A* on the rise? Triggering VLBA and VLA during the G2 encounter	3.6,6,10,20	11	4.21
AH1127	Hallinan, G. Kulkarni, S. Frail, D. Horesh, A, Mooley, K. Anderson, M. Bourke, S. Myers, S.	Caltech Caltech NRAO-Socorro Caltech Caltech Caltech Caltech NRAO-NM	A 300 Square Degree VLA Transient Survey in Stripe 82	10	1	1.15
AI145	Irwin, J. Beck, R. Benjamin, R. Dettmar, R. English, J. Heald, G. Henriksen, R. Krause, M. Li, J, Murphy, E. Oosterlo, T. Porter, T. Rand, R. Saikia, D.J. Strong, A. Waterloo, R. Wang, D.	Queen's Univ. MPIfR Wisc., Whitewater Bochum Manitoba ASTRON Queen's Univ. MPIfR Nanjing Caltech ASTRON Stanford UNM TIFR MPE NMSU Mass., Amherst	CHANG-ES: Continuum HAlos in Nearby Galaxies -- an EVLA Survey	6,20	24	1.48

VLA Utilization Report June 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AM1267	Middleton, M. Miller-Jones, J. Markoff, S. Fender, R. Henze, M. Roberts, T. Scaife, A. Hurley-Walker, N. Carpenter, J. Gandhi, P. Gehrels, N. Woudt, P. Hancock, P.	Durham Curtin van Amsterdam Southampton MPE Durham Southampton ICRAR Caltech JAXA NASA Cape Town Sydney	Probing disc-jet coupling in extragalactic micro-quasars	1.3,6	10	1.68
AM1273	Matthews, L. Gerard, E. Le Bertre, T.	Haystack Obs.de Paris Obs de Paris	An HI Imaging Survey of Asymptotic Giant Branch Stars	20	26,27,28,29,30	14.15
AM1274	MacGregor, M. Wilner, D. Hughes, M. Steele, A. Ricci, L. Andrews, S. Chandler, C.	CfA CfA Calif., Berkeley Wesleyan Univ. Caltech CfA NRAO-Socorro	Constraining Collisional Models of Planetesimals in Debris Disks	0.9	29	2
AM1284	Menten, K. Wyrowki, F. Brunthaler, A. Carrasco-Gonzalez, C. Roy, N Ott, J. Csengeri, T. Reid, M. Pandian, J. Claussen, M. Hofner, P. Beuther, H. Urquhart, J.	MPIfR MPIfR MPIfR UNAM MPIfR NRAO-Socorro MPIfR CfA India NRAO-Socorro NMT MPIA MPIA	A comprehensive Galactic plane radio wavelength star formation survey	6	28,29	5.08
AP647	Pietu, V. Guiloteau, S. Boehler, Y.. Dutrey, A. Di Folco, E.	IRAM Obs. de Bordeaux UNAM Obs. de Bordeaux Obs. de Bordeaux	Are faint small protoplanetary disks capable of forming planets ?	1.3,3.6	28,29	5.29
AP661	Pihlstrom, Y. Sjouwerman, L.	UNM NRAO-Socorro	VLBA 43 GHz Calibrator Search Using the VLA	0.7	14,15	5.97
AR847	Riechers, D. Weiss, A. Walter, F. Wagg, J.	Cornell MPIfR MPIfR ESO	The Extreme Dense Gas Excitation in the z=4 Galaxy APM 08279+5255	0.7,2	29,30	7.32
AR848	Riechers, D. Clements, D. Conley, A. Perez-Fornon, I. Navajas, P. Ivison, R. Cooray, A.	Cornell London Colo., Boulder IAC IAC Edinburgh Calif., Irvine	Physical Properties of the Interstellar Medium in Dusty Starbursts at z=4-6.3	0.7,0.9,1.3,2	25,28	2.78

VLA Utilization Report June 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AR856	Riechers, D. Carilli, C. Walter, F. Ivison, R. Smai, I. da Cunha, E. Sargent, M. Daddi, E. Capak, P. Scoville, R. Smolcic, V. Dickinson, M. Hodge, J. Aravena, M. Wagg, J. Decarli, R.	Cornell NRAO-Socorro MPIfR Edinburgh Durham MPIA CEA CEA Caltech Caltech ESO NOAO MPIA ESO ESO MPIfR	Measuring the Cold Gas History of the Universe	0.9	25,27	5,72
AR866	Rujopakarn, W. Egami, E. Ivison, R. Rieke, G. Nyland, K. Clements, B. Walth, G. Richard, J. Dessauges-Zavadsky, M. Boone, F. Schaerer, D. Edge, A. van der Werf, P.	Arizona Arizona Edinburgh Arizona NMT Arizona Arizona Univ. of Lyon Obs. de Geneve IRAP Obs. de Geneve Durham Leiden	A Search for Clumps of Star Formation in z ~ 2 - 4 Strongly Lensed Galaxies	6	13	2.78
AS1197	Stanimiorvic, S. Muray, C. Goss, M. Heiles, C. Dickey, J. Begum, A. Hennebelle, P.	Wisc., Madison Wisc., Madison NRAO-Socorro Calif., Berkeley Tasmania Wisc., Madison Obs de Paris	21-SPONGE: 21-cm Spectral line Observations of Neutral Gas with the EVLA	20	12,13,14, 16,17,18, 19,20,21,, 22,23,,24	37.72
AS1219	Strader, J. Miller-Jones, J. Maccarone, T. Chomiuk, L. Sivakoff, G. Heinke, C. Seth, A. Noyola, E.	Michigan Curtin Texas Tech Univ. Michigan Univ. of Alberta Univ. of Alberta Utah UNAM	The Comprehensive VLA Survey for Black Holes in Globular Clusters	6	1,2	2.85
AS1236	Schnee, S. Di Francesco, J. Friesen, R. Li, D. Mason, B. Sadavoy, S.	NRAO-CV Herzberg NRAO-CV SSI NRAO-CV Univ. of Victoria	Constructing the Long-wavelength Spectral Energy Distribution of OMC 2/3	2,3.6,6	27,28	6.33
AS1240	Shabala, S. Ellingsen, S. Lovell, J. Scaap, R. McCallum, J. Bignall, H. Macquart, J.	Tasmania Tasmania Tasmania Tasmania Tasmania Curtin Curtin	A search for scintillating, compact Active Galactic Nuclei	3.6,6	12,13,14,1 5,17,19,21, 22	32.03

VLA Utilization Report June 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AZ230	Zhang, B. Reid, M. Menten, K. Zheng, X.	MPIfR CfA MPIfR Nanjing	Radio photospheres and circumstellar masers of the most luminous red supergiants	0.7	2	3.7
BS228	Strader, J. Miller-Jones, J. Deller, A. Brisken, W. Chomiuk, L. Maccarone, T. Seth, A.	Mighigan Curtin ASTRON NRAO-Socorro Michigan Southampton CfA	Proper Motion Confirmation of Black Holes in a Globular Cluster	6	23,27	8.18
GP051	Philstrom, Y. Sjouwerman, L. Fish, V.	UNM NRAO-Socorro Haystack	Probing the proper motion of M31 with 6.7GHz Methanol Masers	5	12,13,14,15	22.1
S61420	Nelson, T. Chomiuk, L. Mukai, K.	Minnesota Michigan NASA	Constraining the ejected mass in fermi-detected novae with the VLA	20	15	1.58
SE0851	Fruchter, A. Misra, K. Graham, J. Pe'er, A. Holland, S. Tanvir, N. Levan, A. Cenko, B.	STScI STScI STScI CfA NASA Univ. of Leicester Warwick Calif., Berkeley	The Astrophysics of the Most Energetic Gamma-Ray Bursts	6	1	1.43

VLA Utilization Report June 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AS1264	Sokoloski, J. Rupen, M. Weston, J.	Columiba NRAO-Socorro Columbia	Using the Power of the JVLA to Image Symbiotic-Star Jets and Nebulae	0.9	1,2	2.31
AT436	Tobin, J. Looney, L. Li, Z. Chandler, C. Kratter, K. Dunham, M. Sadavoy, S. Perez, L. Sergura-Cox, D. Melis, C.	NRAO-CV Urbana-Champaign UVa NRAO-Socorro Colo., Boulder Yale Univ. of Victoria NRAO-Socorro Urbana-Champaign Calif., San Diego	Characterizing Binary and Disk Formation in Young Protostellar Systems	0.9,6	1	1.38
AT449	Taylor, A. Stil, J. Jagannathan, P. Bhatnagar, S. Wall, J. Willis, A. Kothes, R. Perley, R.	Calgary Calagary Calagary NRAO-Socorro British Columbia NRC NRC NRAO-Socorro	Deep Polarization Imaging of ELAIS N1	6	1,2,21	3.91
AV357	Vollmer, B. Soida, M. Beck, R. Damas, A.	Obs. De Strasbourg Jagiellonski MPIfR MPIfR	RM tomography of interacting Virgo spiral galaxies	10,20	26	1.49
AW869	Wang, R. Carilli, C. Wagg, J. Walter, F. Bertoldi, F. Riechers, D. Fan, X. Cox, P. Omont, A. Strauss, M. Menten, K. Narayanan, D.	Arizona NRAO-Socorro ESO MPIA Bonn Cornell Arizona IRAM Paris Princeton MPIfR Steward	Molecular Gas in the Millimeter Bright Quasars at the Reionization Era	0.9	28,29	3.90
AW873	Wilcots, E. Hess, K. D'Onghia, E. Kundert, A.	Wisc., Madison Cape Town Wisc., Madison Wisc., Madison	AGN Feedback and the Heating of Fossil Galaxy Groups	90	2	0.00
AW878	Wharton, R. Cordes, J. Chatterjee, S. Kaplan, D. Lazio, J. Hobbs, G. Ransom, S. Crawford, F. Deller, A. Spolaor, S.	Cornell Cornell Cornell Wisc., Madison JPL ATNF Virginia F& M Univ. ASTRON JPL	A Hybrid Imaging/Periodicity Search for Extreme Objects in the Galactic Plane	20	1	2.14
AW881	Wilcots, E. Mao, S. A. Williams, A. Zweibel, E. Lundgren, B. York, D. Carilli, C.	Wisc., Madison Wisc., Madision Wisc., Madison Wisc., Madison Wisc., Madision Chicago NRAO-Socorro	Probing the Magnetic Fields In the Environment of Mg II Absorbers	10	12,14,15,16,17,21,22	10.96

VLA Utilization Report June 2014					
Legacy ID	Total Time (Hrs)	Project Code	Real Outage Hours	Calculated Hours Observed	Date Observed
AA373	2.00	14A-194	0.00	2.00	25-Jun
AA391	1.00	14A-534	0.00	1.00	28-Jun
ABI469	3.99	13B-088	0.10	3.89	27-Jun
ABI486	1.00	14A-115	0.07	0.92	1-Jun
ABI487	11.97	14A-125	1.31	10.66	7,8-Jun
ABI498	10.54	14A-344	0.36	10.18	1,2,20,25,27-Jun
ABI502	4.95	14A-462	0.34	4.61	1,29,30-Jun
ABI530	1.50	14A-553	0.24	1.26	10-Jun
ACI143	7.51	13B-057	0.24	7.27	1,13,15,19,22-Jun
ACI167	1.99	14A-015	0.10	1.90	30-Jun
ACI171	7.99	14A-077	0.46	7.53	27,28-Jun
ACI175	2.51	14A-139	0.05	2.46	12,17,26-Jun
ACI183	1.00	14A-292	0.06	0.94	26-Jun
ACI191	2.36	14A-434	0.07	2.29	1,30-Jun
ACI193	2.24	14A-476	0.11	2.14	1-Jun
ACI194	1.00	13B-454	0.00	1.00	12-Jun
AE206	4.16	14A-108	0.09	4.06	26,30-Jun
AE207	1.99	14A-170	0.02	1.97	23-Jun
AF525	6.24	13B-188	2.03	4.21	11-Jun
AHI127	1.25	13B-370	0.09	1.15	1-Jun
AI145	1.50	10C-119	0.01	1.48	24-Jun
AK829	5.98	14A-103	0.21	5.78	28,29-Jun
AK837	6.00	14A-483	0.10	5.90	15,23,25,30-Jun
AK854	1.00	14A-531	0.00	1.00	20-Jun
AL865	0.75	14A-120	0.06	0.69	24-Jun
AL871	1.00	14A-288	0.07	0.92	1-Jun
AL874	1.00	14A-353	0.08	0.92	1-Jun
AI882	54.21	14A-425	1.48	52.73	13,14,16,17,18,19,20,21,22,24-Jun
AMI255	1.00	14A-058	0.06	0.94	1-Jun
AMI267	2.00	14A-167	0.31	1.68	10-Jun
AMI273	14.96	14A-200	0.81	14.15	26,27,28,29,30-Jun
AMI274	2.00	14A-225	0.00	2.00	29-Jun
AMI284	5.08	14A-420	0.00	5.08	28,29-Jun
AP647	5.48	14A-142	0.18	5.29	28,29-Jun
AP661	5.97	14A-525	0.00	5.97	14,15-Jun
AR847	7.41	14A-048	0.09	7.32	29,30-Jun
AR848	3.01	14A-049	0.24	2.78	25,28-Jun
AR856	5.99	14A-214	0.27	5.72	25,27-Jun
AR866	3.49	14A-391	0.72	2.78	13-Jun
AS1197	38.91	13A-205	1.19	37.72	12,13,14,16,17,18,19,20,21,22,23,24-Jun
AS1219	2.99	13B-014	0.14	2.85	1,2-Jun
AS1236	6.79	14A-079	0.46	6.33	27,28-Jun

AS1240	32.32	14A-160	0.29	32.03	12,13,14,15,17,19,21,22-Jun
AS1264	2.49	14A-459	0.18	2.31	1,2-Jun
AT436	1.49	13B-318	0.11	1.38	1-Jun
AT449	4.00	14A-174	0.09	3.91	1,2,21-Jun
AV357	1.50	14A-003	0.01	1.49	26-Jun
AW869	3.99	14A-114	0.09	3.90	28,29-Jun
AW873	0.21	14A-242	0.21	0.00	2-Jun
AW878	2.24	14A-404	0.10	2.14	1-Jun
AW881	11.03	14A-498	0.08	10.96	12,14,15,16,17,21,22-Jun
AZ230	4.00	14A-078	0.30	3.70	2-Jun
BS228	8.33	13B-009	0.15	8.18	23,27-Jun
GP051	24.00	GP051	1.90	22.10	12,13,14,15-Jun
S61420	1.58	S61420	0.00	1.58	15-Jun
SE0851	1.50	SE0851	0.07	1.43	1-Jun
TOTAL:	**352.41**		**15.82**	**336.58**	
			4.49%		
	Scheduled Hours	Percentage	Actual Hours	Percentage	
SCHEDULED ASTRONC	352.41	48.95%	336.58	47.80%	
UNSCHEDULED	28.76	3.99%	28.76	4.08%	
MAINTENANCE†	142.48	19.79%	142.48	20.23%	
TEST/CALC	196.35	27.27%	196.35	27.88%	
WEATHER*	0.00	0.00%	0.00	0.00%	
POWEROUT**	0.00	0.00%	0.00	0.00%	
HOLIDAY SHUTDOWN	0.00	0.00%	0.00	0.00%	
TOTAL:	**720.00**	**100.00%**	**704.17**	**100.00%**	
† 112 hours for major site electrical work					
* Observing not possible due to weather conditions					
** Observing not possible due to site power outage					
	Available Hours		Actual Hours	Percentage	
DYNAMIC ASTRONON	381.17		352.41	92.45%	
Average downtime measured in antenna hours was **4.49%** of scheduled antenna					
Category	Outage Hours	Percentage			
ANTENNA PADS	3.59	22.68%			
CORRELATOR	1.41	8.88%			
CRYOGENICS	1.32	8.37%			
FIBER OPTICS	0.97	6.12%			
FOCUS/ROTATION	0.41	2.57%			
FRONT END	1.63	10.32%			
LO-IF	0.48	3.01%			
OTHER	1.26	7.95%			
SERVO	3.81	24.08%			
SITE POWER	0.33	2.09%			
SOFTWARE	0.27	1.73%			

WEATHER	0.35	2.22%			
TOTAL:	15.82	100.00%			

VLA Utilization Report May 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AA379	Ainsworth, R. Scaife, A. Ray, T. Downes, T.	Dublin Inst. Southampton Dublin Inst. Dublin Inst.	Polarization Measurements of Protostellar Jets	10,20	18,27	3.84
AB1483	Benz, A. Guedel, M. Bruderer, S. Forbrich, J.	Zurich Univ. Wien MPE Univ. Wien	Non-thermal radio emission from deeply embedded protostars	3.6,6,10	2	1.23
AB1484	Benaglia, P. De Becker, M. Raucq, F.	IAR Univ. of Liege Univ. of Liege	WR 133: a system for study particle acceleration in colliding-wind binaries	6	23	0.33
AB1489	Bloome, R. Rauw, G. Volpi, D. Naze, Y. Prinja, R.	Obs. De Belgique Univ. of Liege Obs. De Belgique Univ. of Leige London	The Colliding Winds of the Massive Early-Type Binary 9 Sgr - continued	3.6,6,20	19	0.52
AB1498	Berger, E. Zauderer, B. Fong, W. Laskar, T. Soderberg, A. Kamble, A. Sari, R. Metzger, B. Margutti, R. Chakraborti, S. Nakar, E. Chornock, R. Menten, K. Williams, P. McIntosh, M.	CfA CfA CfA CfA CfA CfA Hebrew Univ. Princeton CfA CfA Tel Aviv Univ. CfA MPIfR CfA CfA	New Insights on Gamma-Ray Bursts with the Jansky VLA: A Legacy Approach	1.3,2,3.6,6	15,17,18,20,21,22,24,27	18.64
AC1143	Chomiuk, L. Sololoski, J. Weston, J. Nelson,T. Rupen, M. Mukai, K. Mioduszewski, A. Roy, N. Bode, M. Bildsten, L. Eyres, S. Munari, U. O'Brien, T. Townsley, D. Williams, B.	Michigan Columbia Columbia Minnesota NRAO-Socorro NASA NRAO-Socorro MPIfR John Moores Univ. Calif., Santa Barbara Central Lancashire INAF Jodrell Bank Alab., Tuscalossa STScI	Tempests, Not Bombs: The Complex, Prolonged Explosions of Novae	0.9,2,6,20	9,10,11,13,17,18,24,28	13.32
AC1173	Cho, S. Kim, J. Yun, Y. Choi, M. Kim, K.	KASI KASI KASI KASI KASI	VLA Observations toward New SiO Maser Sources in High-Mass Star Forming Regions	0.7	1,14	4.64

VLA Utilization Report May 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AC1175	Chandra, P. Wade, G. Cohen, D. Gagne, M. Oksala M. Owocki, S. ud-Doula, A. Grunhut, J. Sundqvist, J.	TIFR RMCC Swarthmore West Chester Univ. Delaware Delaware Pennsylvania ESO Munchen	Tracing the radio emission from magnetic OB stars	0.9,3.6,10	2,3,5,6,9,10,11,12,13,23	9.37
AC1176	Chhetri, R. Ekers, R. Jones, P. Reynolds, C.	New South Wales ATNF New South Wales Curtin	Follow-up observations of AT20G gravitational lens / binary SMBH candidates	3.6,6	29	0.56
AC1179	Casewell, S. Williams, P.	Leicester CfA	Radio observations of post-common envelope binaries	6	26	2.99
AC1191	Corsi, A. Gal-Yam, A. Kulkarni, S. Arcavi, I. Horesh, A. Frail, D. Ofek, E. Cenko, B.	GW Univ. Weizmann Inst. Caltech Weizmann Inst. Caltech NRAO-Socorro Weizmann Inst. NASA	VLA follow-up of iPTF Ib/c SNe: An efficient quest for relativistic explosions	2,3.6,6,10	4,31	4.90
AD671	de Pater, I. Sault, R. Butler, B. De Boer, D. Hirsch, L.	Calif., Berkeley Univ. of Melbourne NRAO-Socorro Calif., Berkeley Calif., Berkeley	Longitude Resolved Maps of Jupiter's Radio Emisssion	3.6,6,10,210	4	9.84
AE207	Engels, D. Etoka, S. Gerard, E. Claussen, M.	Hamburg Hamburg Obs. de Paris NRAO-Socorro	New determination of distances to OH 30.1-0.7 and IRAS 20234-1357	20	30	1.82
AE208	Edge, A. Hogan, M. McNamara, B Nulsen, P. Russell, H. Ma, C. Wise, M.	Durham Durham Waterloo CfA Cambridge CfA ASTRON	A JVLA survey of cool core clusters with compact, steep spectrum emission	20	15,29	3.71
AE212	Evans, A. Leroy, A. Murphy, E. Armus, L Barcos, L. Thompson, T. Kim, D. Surace, J. Haan, S. Stierwalt, S. Privon, G. Momjian, E. Walter, F. Schinnerer, E.	NRAO-CV NRAO-CV Caltech Caltech UVa Ohio NRAO-CV Caltech Caltech UVa UVa NRAO-Socorro MPIA MPIA	High-Resolution Imaging of Obscured Star Formation in Luminous Infrared Galaxies	0.9,2,10	10,13,29	6.53

VLA Utilization Report May 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AG922	Gomez, J. Lucero, U. Suarez, JO. Luis, M. Torrelles, J. Bendjoya, P. Rizzo, J. Green, J. Anglada, G.	CSIC NAO OCA CSIC IEEC Univ. of Nice CSIC CSIRO CSIC	The evolution of water-maser-emitting planetary nebulae	1.3,20	28	2.89
AG927	Gallimroe, J. Robinson, A. Baum, S. O'dea, C. Sales, D.	Bucknell Rochester Rochester Rochester Rochester	Which Nucleus Powers OH Megamasers: Starburst or AGN?	3.6,20	23,26	4.11
AG941	Gelfand, J Kouveliotou, C. Ransom, S. Zhang, G. Roberts, M. Gogus, E. Granot, J.	New York NASA NRAO-Socorro New York Eureka Inc. Sabanci Univ. Hertfordshire	Ejection of Material from the Galactic Center Magnetar?	0.7	10	1.71
AH1108	Hlavacek-larrondo, J. Clarke, T. Kissim, N. Fabian, A. Taylor, G. Blundell, K. Green, D. Allen, S.	Cambridge NRL NRL Cambridge UNM Oxford Cambridge Stanford	The low-frequency view of the Perseus cluster	90	16	4.89
AH1109	Harrison, C. Alexander, D. Edge, A. Hogan, M. Mullaney, J.	Durham Durham Durham Durham Durham	Are radio jets driving high velocity outflows in obscured quasars?	6,20	13	1.92
AH1110	Hardcastle, M. Morganti, R. Croston, J. Harwood, J. Orru, E. Heesen, V. de Gasperin, F.	Hertfordshire ASTRON Southampton Hertfordshire Nijmegen Southampton Hamburg	Low-frequency spectral curvature in radio galaxies: LOFAR targets at P-band	90	8,24	6.87
AH1113	Hoare, M. Kurtz, S. Lumsden, S. Jackson, J. Fuller, G. Vlemmings, W. Churchwell, E.	Univ. of Leeds UNAM Univ. of Leeds Boston Manchester OSO Wisc., Madison	High resolution imaging of jets and winds from massive YSOs	0.7	2,9,16,19	6.26
AH1122	Hyman, S. Kassim, N. Cutchin, S. Lazio, J.	Sweet Briar College NRL NRL JPL	Monitoring for Radio Transients in the Galactic Center with the Low-Band System	90	26	1.43

VLA Utilization Report May 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AH1127	Hallinan, G. Kulkarni, S. Frail, D. Horesh, A. Mooley, K. Anderson, M. Bourke, S. Myers, S.	Caltech Caltech NRAO-Socorro Caltech Caltech Caltech Caltech NRAO-Socorro	A 300 Square Degree VLA Transient Survey in Stripe 82	10	29	0.95
AH1135	Heiles, C. West, J. Mao, S.	Calif., Berkeley Univ. of Manitoba NRAO-Socorro	ANOMALOUS RM SOURCES: OUTLIERS OR OUTLIARS?	20	31	1.9
AH1137	Hales, C. Max-Moerbeck, W. Rupen, M. Brisken, W. Roshi, A.	NRAO-Socorro NRAO-Socorro NRAO-Socorro NRAO-Socorro NRAO-CV	Probing Extragalactic Dispersion Measures With High Time Resolution Observations	20	15	1.25
AH1140	Hofstadter, M. Butler, B. Courtin, R. Gautier, D. Girard, J. Zarka, P.	JPL NRAO-Socorro Obs. de Paris Obs. de Paris Obs. de Paris Obs. de Paris	Measuring water in Saturn to constrain planetary formation models	3.6,6,90	7	3.91
AI179	Isella, A. Pascucci, I. Testi, L. Ricci, L. Chandler, C.	Caltech Arizona ESO Caltech NRAO-Socorro	Characterizing the "non-thermal dust" emission from proto-planetary disks.	2,3.6,6	13,15,17,25	6.02
AK830	Kurt, S. Hoare, M. Lumsde, S. Pittard, J. Klaassen, P.	UNAM Univ. of Leeds Univ. of Leeds Univ. of Leeds Univ. of Leeds	The Transition from Young Stellar Object to Hypercompact HII Region	0.7	1,3,9,10,11, 12,22	6.43
AK837	Kulkarni, S. Horesh, A. Cenko, B. Corsi, A. Gal-Yam, A. Ofek, E. Kasliwal, M. Cao, Y. Mooley, K.	Caltech Caltech NASA GW Univ. Weizmann Inst. Weizmann Inst. Carnegie Inst. Caltech Caltech	A Joint PTF-VLA Transient Program	0.7,1.3,6 ,10	4,3,15,16,2 2	5.37
AL858	Laing, R. Perley, R. Bridle, A.	ESO NRAO-Socorro NRAO-CV	Relativistic backflow in radio-galaxy lobes	2	9,18	7.57

VLA Utilization Report May 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AM1280	Morris, M. Zhao, J. Goss, M.	UCLA CfA NRAO-Socorro	A Deep, High-Resolution JVLA Study of the Sgr A Complex	6	17,26	7.98
AM1289	Masque, J. Rodriguez, L. Dzib, S. Loinard, L. Kurtz, S.	Barcelona UNAM UNAM UNAM UNAM	Looking for compact radio sources projected inside UC and HCHII regions	1.3	16,28	3.71
AN168	Nakanishi, K. Hanami, H. Ishigaki, T. White, G. Sergeant, S. Krumpe, M. Miyaji, T. Fujishiro, N. Matsuhara, H. Wada, T. Takagi, T. Hatsukade, B. Valtchanov. I.	NAO Iwate Univ. Iwate Univ. Open Univ. Open Univ. ESO Calif., San Diego JAXA JAXA JAXA JAXA Kyoto ESO	Radio Continuum Observations on Star Formation Activities in AKARI LIRGs	20	3,5,10,19,21,24,29	4.38
AO310	Ott, J. Edwards, P. Meier, D. Mao, M. Brunthaler, A. Peck, A. Brisken, W. Impellizzeri, V. McCoy, M. Muelier, C. Henkel, C.	NRAO-Socorro ATNF NMT NRAO-Socorro MPIfR NRAO-CV NRAO-Socorro NRAO-CV NMT Erlangen-Nuremburg MPIfR	Where do the Nuclear H2O masers in Centaurus A Originate?	1.3	5	1.92
AR838	Rosero, V. Hofner, P. Kurtz, S. Araya, E. Carrasco-Gonzalez, C. Loinard, L. Cesaroni, R.	NMT NMT UNAM Western Illinois MPIfR UNAM INAF	Deep Radio Continuum Observations of Massive Protostars: Completing the Survey	1.3,6	16,23,27	4
AR853	Ryan-Weber, E. Kaprak, G. Cooke, J.	Swinburne Swinburne Swinburne	Bridging the gap on infall and outflow: resolved HI in a z=0.1 MgII absorber	20	2,4,16	8.15
AR857	Reines, A. Greene, J. Darling, J. Condon, J	NRAO-CV Princeton Colo., Boulder NRAO-CV	A Radio Search for Massive Black Holes in Dwarf Galaxies	3.6	1,12,19,31	3.88

VLA Utilization Report May 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AR864	Rujopakarn, W. Rieke, G. Ivison, R. Owen, F. Carilli, C. Dunlop, J. Pannella, M. Elbaz, D. Dickinson, M. Miller, N. Alexander, D. Ballantyne, D. Windhorst, R. Robertson, B. Weiner, B. Taylor, A. Bundy, K. Bhatnagar, S.	Arizona Arizona Edinburgh NRAO-Socorro NRAO-Socorro British Columbia CEA CEA NOAO Maryland Durham Georgia Tech Arizona Arizona Steward Obs. Calgary Tokyo NRAO-Socorro	Resolving the Obscured Cosmic Accretion History and Modes of Galaxy Assembly	6,10	2,3,9,10,11,17,18,23,24,25,26	45.16
AR866	Rujopakarn, W. Egami, E. Ivison, R. Rieke, G. Nyland, K. Clements, B. Walth, G. Richard, J. Dessauges-Zavadsky, M. Boone, F. Schaerer, D. Edge, A. van der Werf, P.	Arizona Arizona Edinburgh Arizona NMT Arizona Arizona Univ. of Lyon Obs. de Geneve IRAP Obs. de Geneve Durham Leiden	A Search for Clumps of Star Formation in z ~ 2 - 4 Strongly Lensed Galaxies	6	27,28	6.94
AS1163	Smolcic, V. Schinnerer, E. Karim, A. Scoville, N. Carilli, C. Scoville, N. Carilli, C. Sargent, M. Murphy, E. Banfield, J. Zamorani, G. Bondi, M. Ciliegi, P. Sheth, K. Kloeckner, H. Capak, P. Elvis, M. Balokovic, M. Jelic, V. Hao, H. Bertoldi, F. Salim, S. Krpan, J.	ESO MPIA MPIA Caltech NRAO-Socorro Caltech NRAO-Socorro CEA Carnegie Inst. ATNF INAF INAF INAF NRAO-CV Oxford Caltech CfA Caltech ASTRON CfA Bonn Bonn Univ. of Zagreb	Deep 3GHz EVLA-COSMOS Survey: Confining Stellar Mass Growth through Cosmic Times	10	3,4,5,6,8,9,10,11,12,15,18,19,21,22,23,24,25,26,27,29	70.96

VLA Utilization Report May 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AS1219	Strader, J. Miller-Jones, J. Maccarone, T. Chomiuk, L. Sivakoff, G. Heinke, C. Seth, A. Noyola, E.	Michigan Curtin Texas Tech Univ. Michigan Univ. of Alberta Univ. of Alberta Utah UNAM	The Comprehensive VLA Survey for Black Holes in Globular Clusters	6	1,2,3,4,5,6, 8,9,10,12,1 3,16,18,19, 20,22,23,29 ,30,31	30.58
AS1239	Stanway, E. Davies, L.	Univ. of Warwick Univ. of Bristol	Exploring Better Analogues for the z>5 Galaxy Population	20	16,22,28,31	2.9
AS1264	Sokoloski, J. Rupen, M. Weston, J.	Columiba NRAO-Socorro Columbia	Using the Power of the JVLA to Image Symbiotic-Star Jets and Nebulae	0.9	24,25,30	3.87
AT436	Tobin, J. Looney, L. Li, Z. Chandler, C. Kratter, K. Dunham, M. Sadavoy, S. Perez, L. Sergura-Cox, D. Melis, C.	NRAO-CV Urbana-Champaign UVa NRAO-Socorro Colo., Boulder Yale Univ. of Victoria NRAO-Socorro Urbana-Champaign Calif., San Diego	Characterizing Binary and Disk Formation in Young Protostellar Systems	0.9,6	3,4,16,17,1 9,22,27,30, 31	23.30
AT444	Tadhunter, C. Morganti, R. Seymour, N.	Univ. of Sheffield ASTRON CSIRO	The nature of rapidly star forming radio galaxies at z~2	10	14,15,31	3.14
AT449	Taylor, A. Stil, J. Jagannathan, P. Bhatnagar, S. Wall, J. Willis, A. Kothes, R. Perley, R.	Calgary Calagary Calagary NRAO-Socorro British Columbia NRC NRC NRAO-Socorro	Deep Polarization Imaging of ELAIS N1	6	3,15,18,22, 23,30,31	7.72
AV350	van Weeren, R. Rottgering, H. Forman, W. Intema, H. Rudnick, L. Store, A. Bruggen, M. Jones, C. Hoeft, M. Kraft, R. Ogrean, G.	CfA Leiden CfA NRAO-Socorro Minnesota Leiden Jacobs Univ. CfA Tautenburg CfA Hamburg	Shock and Awe: Deep JVLA observations of the 'Sausage Cluster'	10,20	11	7.68
AW873	Wilcots, E. Hess, K. D'Onghia, E. Kundert, A.	Wisc., Madison Cape Town Wisc., Madison Wisc., Madison	AGN Feedback and the Heating of Fossil Galaxy Groups	90	25	4.18

VLA Utilization Report May 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AW878	Wharton, R. Cordes, J. Chatterjee, S. Kaplan, D. Lazio, J. Hobbs, G. Ransom, S. Crawford, F. Deller, A. Spolaor, S.	Cornell Cornell Cornell Wisc., Madison JPL ATNF Virginia F& M Univ. ASTRON JPL	A Hybrid Imaging/Periodicity Search for Extreme Objects in the Galactic Plane	20	1,2,5,7,19,21,30	12.04
AW881	Wilcots, E. Mao, S. A. Williams, A. Zweibel, E. Lundgren, B. York, D. Carilli, C.	Wisc., Madison Wisc., Madision Wisc., Madison Wisc., Madison Wisc., Madision Chicago NRAO-Socorro	Probing the Magnetic Fields In the Environment of Mg II Absorbers	10	6,9,23,27,30	4.42
AW900	Williams, P. Gizis, J. Berger, E.	CfA Delaware CfA	Simultaneous Spitzer, Kepler, and VLA Observations of a Nearby L8 Dwarf	6	23	1.49
AY237	Yusef-Zadeh, F. Cotton, W. Wardle, M. Royster, M. Viti, S. Maddalena, R. Rickert, M.	Northerwestern NRAO-CV Macquarie, Univ. Northwestern Univ. London NRAO-CV Norththwestern	Methanol (36.2 GHz) and OH (1720 MHz) Surveys of the Galactic Center	0.9,20	2,3,14,15,22,31	16.62
AY241	Yang, Y. Bertoldi, F. Walter, F. Decarli, R. Prescott, M., Dey, A. Weiss, A. Karim, A.,	Bonn Bonn MPIA MPIA Univ. of Copenhagen NOAO MPIfR Bonn	Constraining CO SED and Radio Properties of a Giant Lyman Alpha Nebula	0.9,10	13,14,23,25,30	11.86
S6096	Jorstad, S. Marscher, A. Doeleman, S. Lu, R.	Boston Boston Haystack Haystack	Probing the most compact regions of gamma-ray blazar jets with millimeter wave imaging	90	1	1.65
S61420	Nelson, T. Chomiuk, L. Mukai, K.	Minnesota Michigan NASA	Constraining the ejected mass in fermi-detected novae with the VLA	20	25	1.25
SE0068	Strader, J. Maccarone, T. Chomiuk, L. Miller-Jones, J. Seth, A.	SAO Southampton SAO Curtin Utah	Candidate Black Holes in Galactic Globular Cluster	20	23	3.34

VLA Utilization Report May 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
SE0851	Fruchter, A. Misra, K. Graham, J. Pe'er, A. Holland, S. Tanvir, N. Levan, A. Cenko, B.	STScI STScI STScI CfA NASA Univ. of Leicester Warwick Calif., Berkeley	The Astrophysics of the Most Energetic Gamma-Ray Bursts	6	29	1.48
SF0298	Chomiuk, L. Strader, J. Maccarone, T. Miller-Jones, M. Seth, A. Noyola, E. Sivakoff, G. Heinke, C.	Michigan Michigan Texas Curtin Utah UNAM Alberta Alberta	A Black Hole in the Galactic Gloublar Cluster M62	90	6	4.32
SF0330	Jonker, P. Miller-Jones, J.	SRON Curtin	Does Holmberg II X-1 harbor an intermediate-mass black hole?	6	25	3.49
SF0853	Haggard, D. Baganoff, F. Gillessen, S. Morris, M. Ghez, A. Degenaar, N. Harrison, F. Markoff, S. Falcke, H. Bower, G. Law, C. Fragile, P. Ponti, G. Wijnands, R. Nowak, M. Wilms, J.	Northwestern MIT MPIfR UCLA UCLA Michigan Calteh van Amsterdam Nijmegen Calif., Berkeley Calif., Berkeley Charleston MPE UVa MIT Erlangen-Nuremberg	Monitoring the Tidal Disruption of the Gas Cloud G2 as it encounters Sgr A*	20	20	7.51

VLA Utilazation Report May 2014

AM1262	5.98	14A-097	0.22	5.76	25-May
AM1265	1.99	14A-133	0.00	1.99	12-May
AM1266	0.93	14A-144	0.02	0.91	9-May
AM1267	4.98	14A-167	0.00	4.98	1,2,8-May
AM1280	7.98	14A-346	0.00	7.98	17,26-May
AM1289	3.99	14A-481	0.28	3.71	16,28-May
AN168	4.72	14A-469	0.33	4.38	3,5,10,19,21,24,29-May
AO310	2.00	14A-542	0.07	1.92	5-May
AR838	4.04	13B-210	0.04	4.00	16,23,27-May
AR853	8.50	14A-175	0.35	8.15	2,14,16-May
AR857	3.99	14A-220	0.11	3.88	1,12,19,31-May
AR864	47.43	14A-360	2.26	45.16	2,3,9,10,11,17,18,23,24,25,26-May
AR866	6.98	14A-391	0.04	6.94	27,28-May
AS1163	72.00	12B-158	1.04	70.96	3,4,5,6,8,9,10,11,12,15,18,19,21,22,23,24,25,26,27,29-May
AS1219	31.17	13B-014	0.59	30.58	1,2,3,4,5,6,8,9,10,12,13,16,18,19,20,22,23,29,30,31-May
AS1239	3.08	14A-130	0.18	2.90	16,22,28,31-May
AS1264	3.74	14A-459	0.11	3.63	4,23,30-May
AS1264	3.99	14A-462	0.12	3.87	24,25,30-May
AT436	23.90	13B-318	0.59	23.30	3,4,16,17,19,22,27,30,31-May
AT444	3.27	14A-090	0.13	3.14	14,15,31-May
AT449	7.98	14A-174	0.26	7.72	3,15,18,22,23,30,31-May
AV350	7.98	13A-399	0.30	7.68	11-May
AW873	4.42	14A-242	0.25	4.18	25-May
AW878	13.03	14A-404	0.99	12.04	1,2,5,7,19,21,30-May
AW881	4.50	14A-498	0.07	4.42	6,9,23,27,30-May
AW900	1.50	14A-541	0.01	1.49	23-May
AY237	17.07	14A-247	0.45	16.62	2,3,14,15,22,31-May
AY241	11.97	14A-333	0.11	11.86	13,14,23,25,30-May
S6096	2.00	S6096	0.35	1.65	1-May
S61420	2.75	S61420	0.03	2.72	3,22-May
SE0068	3.49	SE0068	0.06	3.43	23-May
SE0851	1.50	SE0851	0.02	1.48	29-May
SF0298	4.49	SF0298	0.17	4.32	6-May
SF0330	3.49	SF0330	0.00	3.49	25-May
SF0853	7.51	SF0853	0.00	7.51	20-May

TOTAL: 560.92 17.73 543.19

3.16%

	Scheduled Hours	Percentage	Actual Hours	Percentage

VLA Utilazation Report May 2014

Legacy ID	Total Time (Hrs)	Project Code	Real Outage Hours	Calculated Hours Observed	Date Observed
AA379	3.99	14A-439	0.15	3.84	18,27-May
AB1483	1.25	14A-062	0.02	1.23	2-May
AB1484	0.33	14A-074	0.00	0.33	23-May
AB1489	0.54	14A-137	0.03	0.52	19-May
AB1498	18.84	14A-344	0.20	18.64	15,17,18,20,21,22,24,27-May
AC1143	13.46	13B-057	0.14	13.32	9,10,11,13,17,18,24,28-May
AC1173	4.95	14A-117	0.31	4.64	1,14-May
AC1175	9.52	14A-139	0.15	9.37	2,3,5,6,9,10,11,12,13,23-May
AC1176	0.57	14A-154	0.01	0.56	29-May
AC1179	2.99	14A-239	0.00	2.99	26-May
AC1191	5.19	14A-434	0.29	4.90	4,31-May
AD671	9.98	13B-064	0.14	9.84	4-May
AE207	2.00	14A-170	0.17	1.82	30-May
AE208	3.99	14A-280	0.28	3.71	15,29-May
AE212	6.62	14A-471	0.08	6.53	10,13,29-May
AG922	3.04	14A-211	0.15	2.89	28-May
AG927	4.24	14A-332	0.13	4.11	23,26-May
AG941	1.75	14A-547	0.04	1.71	10-May
AH1108	4.99	13B-026	0.09	4.89	16-May
AH1109	2.00	13B-127	0.07	1.92	13-May
AH1110	7.98	13B-129	1.10	6.87	8,24-May
AH1113	6.41	14A-092	0.15	6.26	2,9,16,19-May
AH1122	1.50	13B-321	0.06	1.43	26-May
AH1127	1.00	13B-370	0.05	0.95	29-May
AH1135	1.99	14B-340	0.09	1.90	31-May
AH1137	1.36	14A-409	0.11	1.25	15-May
AH1140	3.99	14A-456	0.07	3.91	7-May
AI179	6.16	14A-403	0.14	6.02	13,15,17,25-May
AK830	7.41	14A-113	0.98	6.43	1,3,9,10,11,12,22-May
AK837	5.48	14A-483	0.11	5.37	4,13,15,16,22-May
AL858	7.98	13B-326	0.41	7.57	9,18-May
AL865	2.49	14A-120	0.06	2.44	3,18,19-May
AL866	12.78	14A-141	0.33	12.45	5,8,21-May
AL868	1.70	14A-227	0.00	1.70	28-May
AL874	2.99	14A-353	0.03	2.96	3,23,26-May
AL877	1.00	14A-379	0.04	0.96	17-May
AL883	2.24	14A-447	0.03	2.21	4,7,15-May
AM1226	2.00	13B-085	0.00	2.00	2-May
AM1237	1.00	13B-206	0.00	0.99	11,29-May
AM1240	1.00	13B-248	0.00	1.00	9-May
AM1241	2.00	13B-258	0.10	1.89	15-May
AM1251	32.99	14A-012	1.49	31.51	1,2,4,6,10,11,16,18,23,26,30,31-May
AM1256	0.93	14A-060	0.07	0.86	15-May
AM1257	7.98	14A-065	0.30	7.68	12,24-May

VLA Utilazation Report May 2014

SCHEDULED ASTRONOMY	560.92	75.39%	543.19	74.79%
UNSCHEDULED	8.11	1.09%	8.11	1.12%
MAINTENANCE	40.20	5.40%	40.20	5.54%
TEST/CALC	130.14	17.49%	130.14	17.92%
WEATHER*	4.63	0.62%	4.63	0.64%
POWEROUT**	0.00	0.00%	0.00	0.00%
HOLIDAY SHUTDOWN	0.00	0.00%	0.00	0.00%
TOTAL:	**744.00**	**100.00%**	**726.27**	**100.00%**
*Observing not possible due to weather conditions				
**Observing not possible due to site power outage				
	Scheduled Hours		Actual Hours	Percentage
DYNAMIC ASTRONOMY	569.03		560.92	98.57%

Average downtime measured in antenna hours was **3.16%** of scheduled antenna hours, distributed as:

Category	Outage	Percentag
COMPUTER	0.40	2.26%
CORRELAT	0.53	3.02%
CRYOGENIC	2.00	11.28%
ELECTRICAL	0.06	0.32%
FIBER	1.20	6.76%
FOCUS/ROT	1.92	10.85%
FRONT END	3.40	19.16%
LO-IF	2.12	11.96%
OTHER	0.87	4.88%
RECOMMISS	0.78	4.43%
SERVO	1.16	6.56%
SOFTWARE	1.54	8.68%
WEATHER	1.75	9.85%
TOTAL:	**17.73**	**100.00%**

VLA Utilization Report April 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AA381	Aalto, S. Costagliola, F. Gonzalez-Alfonso, E. Evans, A., Beswick, R. Sebastien, M.	Chalmers Univ. CSIC Univ. de Alcala NRAO-CV Jodrell Bank OSO	HOT HCN in the extreme molecular wind of the QSO Mrk231	1.3,3.6, 6	16	4.99
AB1483	Benz, A. Guedel, M. Bruderer, S. Forbrich, J.	Zurich Univ. Wien MPE Univ. Wien	Non-thermal radio emission from deeply embedded protostars	3.6,6,10	18	1.25
AB1484	Benaglia, P. De Becker, M. Raucq, F.	IAR Univ. of Liege Univ. of Liege	WR 133: a system for study particle acceleration in colliding-wind binaries	6	13	0.33
AB1489	Bloome, R. Rauw, G. Volpi, D. Naze, Y. Prinja, R.	Beliguique Liege Belguique Liege London	The Colliding Winds of the Massive Early-Type Binary 9 Sgr - continued	3.6,6,20	3,4,5,7,8,10 ,16,17,22,2 3,24,25,26, 28,29,30	13.85
AB1493	Blain, A. O'Brien, P. Ward, M.	Leicester Leicester Durham	Radio imaging of the nearby extreme QSO PDS456	2,3.6	27	2.07
AB1498	Berger, E. Zauderer, B. Fong, W. Laskar, T. Soderberg, A. Kambie, A. Sari, R. Metzger, B. Margutti, R. Chakraborti, S. Nakar, E. Chornock, R. Menten, K. Williams, P. McIntosh, M.	CfA CfA CfA CfA CfA CfA Hebrew Univ. Princeton CfA CfA Tel Aviv Univ. CfA MPIfR CfA CfA	New Insights on Gamma-Ray Bursts with the Jansky VLA: A Legacy Approach	1.3,2,3. 6,6	14,17,21,24	7.55
AB1502	Broekhoven-Fiene, H. Matthews, B. Duchene, G. Di Francesco, J. Mann, R. Bourke, T.	Univ. of Victoria Herzberg Inst. Calif., Berkley Herzberg Inst. Herzberg Inst. CfA	Characterizing Bright Disks in the Auriga-California GMC	0.7,3.6, 6	10,11	2.99
AC1211	Carrasco-Gonzalez, C. Migliari, S. Corbel, S. Tomsick, J. Miller-Jones, J. Coriat, M. Harrison, F. Koelehmaninen, M. Yamoaka, K.	MPIfR Barcelona CEA Calif,, Berkeley Curtin Cape Town Caltech Oxford Nagoya	The outburst decay of the black hole X-ray binary SWIFT J1753.5-0127	1.3,6	5	1.95

VLA Utilization Report April 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AC1143	Chomiuk, L. Sololoski, J. Weston, J. Nelson,T. Rupen, M. Mukai, K. Mioduszewski, A. Roy, N. Bode, M. Bildsten, L. Eyres, S. Munari, U. O'Brien, T. Townsley, D. Williams, B.	Michigan Columbia Columbia Minnesota NRAO-Socorro NASA NRAO-Socorro MPIfR John Moores Univ. Calif., Santa Barbara Central Lancashire INAF Jodrell Bank Alab., Tuscalossa STScI	Tempests, Not Bombs: The Complex, Prolonged Explosions of Novae	0.9,2,6, 20	5,9,10,11,12,20,21,22, 25,27,29	23.12
AC1157	Chen, H. Reid, M. Wilner, D. Chandler, C.	Tsing Hua Univ. CfA CfA NRAO-Socorro	Searching for Ionized Disks and Outflows in Two Nearby Massive Protostars	0.7,2	20	3.97
AC1175	Chandra, P. Wade, G. Cohen, D. Gagne, M. Oksala M. Owocki, S. ud-Doula, A. Grunhut, J. Sundqvist, J.	TIFR RMCC Swarthmore West Chester Univ. Delaware Delaware Pennsylvania ESO Munchen	Tracing the radio emission from magnetic OB stars	0.9,3.6, 10	3,4,5,7,8,10,16,17,22,23,24,25,26, 28,29,30	13.85
AC1176	Chhetri, R. Ekers, R. Jones, P. Reynolds, C.	New South Wales ATNF New South Wales Curtin	Follow-up observations of AT20G gravitational lens / binary SMBH candidates	3.6,6	1,10	1.30
AC1190	Corsi, A. Kulkarni, S. Cenko, B. Perley, D. Frail, D. Sonbas, E. Dhuga, K.	GW Univ. Caltech NASA Caltech NRAO-Socorro Adiyaman Unvi. GW Univ.	Probing the composition of GRB jets with VLA: a quest for reverse shocks	0.7,1.3, 3.6,6	20,23,25	4.24
AC1191	Corsi, A. Gal-Yam, A. Kulkarni, S. Arcavi, I. Horesh, A. Frail, D. Ofek, E. Cenko, B.	GW Univ. Weizmann Inst. Caltech Weizmann Inst. Caltech NRAO-Socorro Weizmann Inst., NASA	VLA follow-up of iPTF Ib/c SNe: An efficient quest for relativistic explosions	2,3.6,6, 10	19,20	3.96

VLA Utilization Report April 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AC1194	Chomiuk, L. Soderberg, A. Van Kerkwijk, M. Simon, J. Foley, R. Chevalier, R. Fransson, C. Badenes, C. Margutti, R. Linford, J.	Michigan CfA Toronto Carnegie Inst. CfA UVa Stockholm Princeton CfA Michigan	Radio Observations of the Young Type Ia Supernova in M82	6	11	1.00
AD673	de Gasperin, F. Owen, F. Cotton, W. Merloni, A. Orru, E. Churazov, E. Falcke, H. Forman, W. Murgia, M. Rao Venkata, U. Bruggen, M. Intema, H.	Univ. Hamburg NRAO-Socorro NRAO-CV MPE Nijmegen MPA Nijmegen CfA INAF NRAO-Socorro Jacobs Univ. NRAO-Socorro	Understanding M87: a multi-frequency campaign (VLA - II part)	10,90	9	5.85
AD680	Degenaar, N. Rupen, M. King, A. Miller, J.	Mich., Ann Arbor NRAO-Socorro Mich., Ann Arbor Mich., Ann Arbor	Refining the radio/X-ray correlation for neutron star X-ray binaries	3.6	1,11,13,19, 20	16.00
AD691	Deller, A. Moldon, J. Miller-Jones, J. Archibald, A. Hessels, J.	ASTRON ASTRON Curtin ASTRON ASTRON	Characterizing the compact jet in the J1023+0038 pulsar/X-ray binary system	2,3.6,6, 20	1,28	2.00
AE212	Evans, A. Leroy, A. Murphy, E. Armus, L Barcos, L. Thompson, T. Kim, D. Surace, J. Haan, S. Stierwalt, S. Privon, G. Momjian, E. Walter, F. Schinnerer, E.	NRAO-CV NRAO-CV Caltech Caltech UVa Ohio NRAO-CV Caltech Caltech UVa UVa NRAO-Socorro MPIA MPIA	High-Resolution Imaging of Obscured Star Formation in Luminous Infrared Galaxies	0.9,2,10	1,3,6,9,18,2 1,22	17.39
AG909	Giroletti, M. Sbarrato, T. Ghisellini, G. Giovannini, G.	INAF INAF INAF INAF	Search of a relativistic kiloparsec scale jet in the early Universe: B2 1023+25	6,20	12	0.50

VLA Utilization Report April 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AG891	Ginsburg, A. Bally, J. Koda, J. Scoville, N. Smith, E. Sankrit, R. Klein, R. Becklin, E. Youngblood, A. Battersby, C. Smith, R. Darling, J.	Colo., Boulder Colo., Boulder Stony Brook Caltech NASA USRA USRA UCLA Colo., Boulder Colo., Boulder Heidelberg Colo., Boulder	Massive stars and ionized and molecular gas in the W51 complex	2,6	19	4.99
AG927	Gallimroe, J. Robinson, A. Baum, S. O'dea, C. Sales, D.	Bucknell Rochester Rochester Rochester Rochester	Which Nucleus Powers OH Megamasers: Starburst or AGN?	3.6,20	12,20	2.97
AH1110	Hardcastle, M. Morganti, R. Croston, J. Harwood, J. Orru, E. Heesen, V. de Gasperin, F.	Hertfordshire ASTRON Southampton Hertfordshire Nijmegen Southampton Hamburg	Low-frequency spectral curvature in radio galaxies: LOFAR targets at P-band	90	7,27	7.53
AH1122	Hyman, S. Kassim, N. Cutchin, S. Lazio, J.	Sweet Briar College NRL NRL JPL	Monitoring for Radio Transients in the Galactic Center with the Low-Band System	90	8,27	2.94
AH1127	Hallinan, G. Kulkarni, S. Frail, D. Horesh, A. Mooley, K. Anderson, M. Bourke, S. Myers, S.	Caltech Caltech NRAO-Socorro Caltech Caltech Caltech Caltech NRAO-Socorro	A 300 Square Degree VLA Transient Survey in Stripe 82	10	9,15	2.95
AH1132	Hoare, M. Kurtz, S. Lunsden, S. Churchwell, E. Urquhart, J. Pittard, J.	Univ. of Leeds UNAM Univ. of Leeds Wisc., Madison MPIfR Univ. of Leeds	The morphology of a complete sample of the youngest UCHII regions	3.6	6,14	11.73
AH1133	Hoare, M. Kurtz, S. Lumsden, S. Jackson, J. Fuller, G. Vlemmings, W. Churchwell, E.	Univ. of Leeds UNAM Univ. of Leeds Boston Manchester OSO Wisc., Madison	High resolution imaging of jets and winds from massive YSOs	0.7	25	1.13
AH1137	Hales, C. Max-Moerbeck, W. Rupen, M. Brisken, W. Roshi, A.	NRAO-Socorro NRAO-Socorro NRAO-Socorro NRAO-Socorro NRAO-CV	Probing Extragalactic Dispersion Measures With High Time Resolution Observations	20	11	0.38

VLA Utilization Report April 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AH1140	Hofstadter, M. Butler, B. Courtin, R. Gautier, D. Girard, J. Zarka, P.	JPL NRAO-Socorro Obs. de Paris Obs. de Paris Obs. de Paris Obs. de Paris	Measuring water in Saturn to constrain planetary formation models	3.6,6,90	8	3.95
AI179	Isella, A. Pascucci, I. Testi, L. Ricci, L. Chandler, C.	Caltech Arizona ESO Caltech NRAO-Socorro	Characterizing the ``non-thermal dust'' emission from proto-planetary disks.	2,3.6,6	2,4	2.9
AK830	Kurt, S. Hoare, M. Lumsde, S. Pittard, J. Klaassen, P.	UNAM Univ. of Leeds Univ. of Leeds Univ. of Leeds Univ. of Leeds	The Transition from Young Stellar Object to Hypercompact HII Region	0.7	30	1.92
AK832	Koerding, E. Rupen, M. Miller-Jones, J. Knigge, C. Copperjans, D.	Nijmegen NRAO-Socorro Curtin Univ. Southampton Nijmegen	Radio Emission from Accreting White Dwarfs: persistent cataclysmic variables	6	2,7,14	3.96
AK837	Kulkarni, S. Horesh, A. Cenko, B. Corsi, A. Gal-Yam, A. Ofek, E. Kasliwal, M. Cao, Y. Mooley, K.	Caltech Caltech NASA GW Univ. Weizmann Inst. Weizmann Inst. Carnegie Inst. Caltech Caltech	A Joint PTF-VLA Transient Program	0.7,1.3, 6,10	26	1
AK827	Kanekar, N.	TIFR	A search for CH absorption/emission at z = 0.247	10	19	6.48
AK854	Kamble, A. Soderberg, A. Chakraborti, S. Milisavljevic, D. Margutti, R. Krishner, R. Drout, M. Zauderer, B. Foley, R.	CfA CfA CfA CfA CfA CfA CfA CfA CfA	A Young Type Ic Supernova with very Broad-lines at 25 Mpc	2,3.6,6, 20	16	2
AL858	Laing, R. Perley, R. Bridle, A.	ESO NRAO-Socorro NRAO-CV	Relativistic backflow in radio-galaxy lobes	2	17,18,27	7.98
AL874	Lacy, M. Mao, M. Kimball, A. Jagannatha, P. Ridgway. S.	NRAO-CV NRAO-Socorro CSIRO NRAO-CV NOAO	Deep VLA observations of GeMS/SERVS Deep Fields	3.6	6,10,25	2.96

VLA Utilization Report April 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AL877	Loinard, L. Dzib, S. Mioduszewski, A. Rodriguez, L. Torres, R.	UNAM UNAM NRAO-Socorro UNAM UNAM	The Nearby Star Forming Regions Distances Survey	6	14	0.97
AL883	Liu, L. Greve,T. Gao, Y.	MPIfR London CAS	Distinguishing between z~1.5 disks and mergers via their free-free absorption	6	2	0.75
AM1251	Murphy, E. Lazio, J. Dickinson, M. Carilli, C. Condon, J. Capak, P. Armus, L. Norris, R. Momjian, E. Smail, I. Desai, V. Helou, G. Bhatnagar, S. Richard, J. Mao, M.	Caltech JPL NOAO NRAO-Socorro NRAO-CV Caltech Caltech ATNF NRAO-Socorro Durham Caltech Caltech NRAO-Socorro UCLB NRAO-Socorro	A Jansky-VLA Public Legacy Survey of the Frontier Fields	6,10	1,2,5,6,7,12 ,13,14,19,2 1,22,25,27, 28,29,30	56.17
AM1263	Megeath, T. Loinard, L. Allen, T. Forbrich, J. Pipher, J. Wolk, S. Menten, K. Gutermuth, R. Jeffries, R. Naylor, T. Dzib, S.	Univ. of Toledo UNAM Univ. of Toledo Univ. Wien Rochester CfA MPIfR Smith College Keele Univ. Univ. of Exeter UNAM	The CepOB3b Cluster: An evolved, 3-6 Myr old, analog to the Orion Nebula Cluster	6	12,14	5.88
AM1265	Moscadelli, L. Sanchez-Monge, A. Goddi, C. Li, J. Cesaroni, R. Reid, M. Pestalozzi, M. Sanna, A.	INAF INAF JIVE MPIfR INAF CfA INAF MPIfR	Characterizing the ionized gas emission in massive protostars	1.3,2,6	20,24	3.86
AM1267	Middleton, M. Miller-Jones, J. Markoff, S. Fender, R. Henze, M. Roberts, T. Scaife, A. Hurley-Walker, N. Carpenter, J. Gandhi, P. Gehrels, N. Woudt, P. Hancock, P.	Durham Curtin van Amsterdam Southampton MPE Durham Southampton ICRAR Caltech JAXA NASA Cape Town Sydney	Probing disc-jet coupling in extragalactic micro-quasars	1.3,6	5,21	3.97

VLA Utilization Report May 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AL865	Liu, H. Galvan-Madrid, R. Fobrich, J. Bermudez, J. Rodriguez, L. Hora, J. Michihiro, T. Chou, M. Yan, C. Ho, P. Xhang, Q. Costigan, G. Manara, C. Testi, L.	ASIAA ESO CfA CSIC UNAM CfA ASIAA ASIAA ASIAA CfA CfA ESO ESO ESO	The Jet-Accretion Connection in Young Stellar Objects	2,3.6	1,14	4.64
AL866	Lunsde, S. Hoare, M. Urqhart, J. Cunningham, N., Redman, M. Wiles, B. Kurtz, S.	Univ. of Leeds Univ. of Leeds MPIfR Univ. of Leeds Ireland Ireland UNAM	Discs Around Massive Protostars	1.3	5,8,21	12.45
AL868	Lim, J. Owen, J.	Hong Kong Toronto	Imaging the Photoevaporated Winds of Protoplanetary Disks	2	28	1.7
AL874	Lacy, M. Mao, M. Kimball, A. Jagannatha, P. Ridgway. S.	NRAO-CV NRAO-Socorro CSIRO NRAO-CV NOAO	Deep VLA observations of GeMS/SERVS Deep Fields	3.6	3,23,26	2.96
AL877	Loinard, L. Dzib, S. Mioduszewski, A. Rodriguez, L. Torres, R.	UNAM UNAM NRAO-Socorro UNAM UNAM	The Nearby Star Forming Regions Distances Survey	6	17	0.96
AL883	Liu, L. Greve,T. Gao, Y.	MPIfR London CAS	Distinguishing between z~1.5 disks and mergers via their free-free absorption	6	4,7,15	2.21
AM1226	Mann, R. Di Francesco, J. Wiliams, J. Johnstone, D.	Herzberg Inst. Herzberg Inst. Hawaii., Manoa Herzberg Inst.	Fundamental Properties of Protoplanetary Disks in the Orion Nebula	1.3,3.6,6	2	2.00
AM1237	Monnier, J. Tuthill, P. Danchi, W. Greenhill, L.	Mich., Ann Arbor Sydney NASA CfA	Orbital Period and the Fundamental Parameters of Colliding Wind WR 112	3.6	11,29	0.99
AM1240	Myers, S.	NRAO-Socorro	Continuation of the 6-GHz COSMOS Synoptic Survey	6	9	1.00
AM1241	Montes, G. Carrasco-Gonzalez, C. Rodriguez, L. Ramirez-Ruiz, E.	CSIC MPIfR UNAM California	Testing Particle Shock Acceleration in the Wind-Collision Region of WR 147	0.7,0.9,1.3,2	15	1.89

VLA Utilization Report May 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AM1251	Murphy, E. Lazio, J. Dickinson, M. Carilli, C. Condon, J. Capak, P. Armus, L. Norris, R. Momjian, E. Smail, I. Desai, V. Helou, G. Bhatnagar, S. Richard, J. Mao, M.	Caltech JPL NOAO NRAO-Socorro NRAO-CV Caltech Caltech ATNF NRAO-Socorro Durham Caltech Caltech NRAO-Socorro UCLB NRAO-Socorro	A Jansky-VLA Public Legacy Survey of the Frontier Fields	6,10	1,2,4,6,10,11,16,18,23,26,30,31	31.51
AM1256	Moin, A. HO, L. Wrobel, J. Yuan, W. Dong, X. Wang, Z. Zhou, H. Wang, T.	Shanghai Obs. Carnegie Inst. NRAO-Socorro NAO China Shanghai Obs. China China	Radio studies of an extended sample of Low-Mass Active Galactic Nuclei	6	15	0.86
AM1257	Morganti, R. Mahony, E. Tadhunter, C. Oosterloo, T.	ASTRON ASTRON Univ. of Sheffield ASTRON	The search for broad HI absorption in Cygnus A: quantifying AGN-induced outflow	20	12,24	7.68
AM1262	McBride, J. McCourt, M. Hull, C.	Calif., Berkeley Calif., Berkeley Calif., Berkeley	Synchrotron Emission from Star-forming H-alpha filaments around NGC 1275	20	25	5.76
AM1265	Moscadelli, L. Sanchez-Monge, A. Goddi, C. Li, J. Cesaroni, R. Reid, M. Pestalozzi, M. Sanna, A.	INAF INAF JIVE MPIfR INAF CfA INAF MPIfR	Characterizing the ionized gas emission in massive protostars	1.3,2,6	19	0.52
AM1266	Miniati, F. Beck, R. Bernet, M. Lilly, S.	Zurich MPIfR Zurich Zurich	Faraday Screens Associated to Intervening Galaxies at Intermediate Redshift	3.6,6,10,20	9	0.91
AM1267	Middleton, M. Miller-Jones, J. Markoff, S. Fender, R. Henze, M. Roberts, T. Scaife, A. Hurley-Walker, N. Carpenter, J. Gandhi, P. Gehrels, N. Woudt, P. Hancock, P.	Durham Curtin van Amsterdam Southampton MPE Durham Southampton ICRAR Caltech JAXA NASA Cape Town Sydney	Probing disc-jet coupling in extragalactic micro-quasars	1.3,6	1,2,8	4.98

VLA Utilization Report April 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AN168	Nakanishi, K. Hanami, H. Ishigaki, T. White, G. Sergeant, S. Krumpe, M. Miyaji, T. Fujishiro, N. Matsuhara, H. Wada, T. Takagi, T. Hatsukade, B. Valtchanov. I.	NAO Iwate Univ. Iwate Univ. Open Univ. Open Univ. ESO Calif., San Diego JAXA JAXA JAXA JAXA Kyoto ESO	Radio Continuum Observations on Star Formation Activities in AKARI LIRGs	20	1,7,10,11,15,20,21,23	4.42
AO310	Ott, J. Edwards, P. Meier, D. Mao, M. Brunthaler, A. Peck, A. Brisken, W. Impellizzeri, V. McCoy, M. Mueller, C. Henkel, C.	NRAO-Socorro ATNF NMT NRAO-Socorro MPIfR NRAO-CV NRAO-Socorro NRAO-CV NMT Erlangen-Nuremburg MPIfR	Where do the Nuclear H2O masers in Centaurus A Originate?	1.3	30	2.00
AP630	Perlman, E. Georganopoulos, M. Lister, M. Marshall, H. Hogan, B.	Florida Maryland Purdue MIT Purdue	3C 111: An Ideal Galaxy for Revealing Jet Physics	2,3.6,6	19	3.97
AP647	Guilloteau, S. Boehler, Y. Pietu, V. Dutrey, A. DiFolco, E.	Obs. de Bordeaux UNAM IRAM Obs. de Bordeaux Obs de Bordeaux	Are faint small protoplanetary disks capable of forming planets ?	1.3,3.6	14,23,24	6.49
AR838	Rosero, V. Hofner, P. Kurtz, S. Araya, E. Carrasco-Gonzalez, C. Loinard, L. Cesaroni, R.	NMT NMT UNAM Western Illinois MPIfR UNAM INAF	Deep Radio Continuum Observations of Massive Protostars: Completing the Survey	1.3,6	10,13	1.94
AR842	Rushton, A. Bower, G. Fender, R. Falcke, H. Ponti, G.	Southampton Calif., Berkeley Southampton Nijmegen MPE	Simultaneous radio and X-ray monitoring of the G2 encounter with Sgr A*	0.9,1.3,2,3.6,6,10,20	3	7.96
AR846	Rodriguez, L. Masque, J. Dzib, S. Loinard, L. Kurtz, S.	UNAM Barcelona UNAM UNAM UNAM	The Nature of the Enigmatic Compact Sources Projected Inside W3(OH) and NGC6334A	0.7,0.9,1.3,2,.36	9,12,16	2.95

VLA Utilization Report April 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AR852	Reid, M. Menten, K. Genzel, R. Ghez, A. Gillessen, S.	CfA MPIfR MPIfR Calif., Los Angeles MPE	Stellar Orbits Around Sgr A*: The Reference Frame	0.7	7	5.06
AR857	Reines, A. Greene, J. Darling, J. Condon, J	NRAO-CV Princeton Colo., Boulder NRAO-CV	A Radio Search for Massive Black Holes in Dwarf Galaxies	3.6	12,13,17,18,20,29	5.85
AR864	Rujopakarn, W. Rieke, G. Ivison, R. Owen, F. Carilli, C. Dunlop, J. Pannella, M. Elbaz, D. Dickinson, M. Miller, N. Alexander, D. Ballantyne, D. Windhorst, R. Robertson, B. Weiner, B. Taylor, A. Bundy, K. Bhatnagar, S.	Arizona Arizona Edinburgh NRAO-Socorro NRAO-Socorro British Columbia CEA CEA NOAO Maryland Durham Georgia Tech Arizona Arizona Steward Obs. Calgary Tokyo NRAO-Socorro	Resolving the Obscured Cosmic Accretion History and Modes of Galaxy Assembly	6,10	19,20,25	7.98
AS1163	Smolcic, V. Schinnerer, E. Karim, A. Scoville, N. Carilli, C. Scoville, N. Carilli, C. Sargent, M. Murphy, E. Banfield, J. Zamorani, G. Bondi, M. Ciliegi, P. Sheth, K. Kloeckner, H. Capak, P. Elvis, M. Balokovic, M. Jelic, V. Hao, H. Bertoldi, F. Salim, S. Krpan, J.	ESO MPIA MPIA Caltech NRAO-Socorro Caltech NRAO-Socorro CEA Carnegie Inst. ATNF INAF INAF INAF NRAO-CV Oxford Caltech CfA Caltech ASTRON CfA Bonn Bonn Univ. of Zagreb	Deep 3GHz EVLA-COSMOS Survey: Confining Stellar Mass Growth through Cosmic Times	10	3,4,5,8,11,12,13,15,16,17,18,20,21,22,23,24,25,26,27	74.45

VLA Utilization Report April 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AS1219	Strader, J. Miller-Jones, J. Maccarone, T. Chomiuk, L. Sivakoff, G. Heinke, C. Seth, A. Noyola, E.	Michigan Curtin Texas Tech Univ. Michigan Univ. of Alberta Univ. of Alberta Utah UNAM	The Comprehensive VLA Survey for Black Holes in Globular Clusters	6	5,7,10,12,17,28,29	10.87
AS1245	Scaife, A. Owen, J. Ercolano, B.	Southampton Toronto Univ. of Munchen	Testing Protoplanetary Disk Dispersal with Radio Emission	2,6	14	0.98
AS1264	Sokoloski, J. Rupen, M. Weston, J.	Columiba NRAO-Socorro Columbia	Using the Power of the JVLA to Image Symbiotic-Star Jets and Nebulae	0.9	5,8,20,21	5.21
AT436	Tobin, J. Looney, L. Li, Z. Chandler, C. Kratter, K. Dunham, M. Sadavoy, S. Perez, L. Sergura-Cox, D. Melis, C.	NRAO-CV Urbana-Champaign UVa NRAO-Socorro Colo., Boulder Yale Univ. of Victoria NRAO-Socorro Urbana-Champaign Calif., San Diego	Characterizing Binary and Disk Formation in Young Protostellar Systems	0.9,6	2,5,6,12,18,29	16.06
AT440	Torrelles, J. Surcis, G. Kim, J. Kim, S. Goddi, C. Carrasco-Gonzalez, C. Anglada, G. Gomez, J. Curiel, S. Vlemmings, W. Langevelde, H.	IEEC JIVE KASI KASI JIVE MPIfR IAA IAA UNAM OSO JIVE	An Episodic Uncollimated Outflow Transforming into a Jet	0.7,1.3,2,6	22,30	3.38
AT441	Tozzi, P. Giovannini, G. Nonino, M. Donahue, M. Girardi, M. Postman, M. Rosati, P. Santos, J. Aravena, M.	INAF INAF INAF Michigan INAF STScI ESO ESO ESO	A systematic study of the AGN-radio feedback in the core of CLASH clusters	20	10,24	4.35
AV350	van Weeren, R. Rottgering, H. Forman, W. Intema, H. Rudnick, L. Stone, A. Bruggen, M. Jones, C. Hoeft, M. Kraft, R. Ogrean, G.	CfA Leiden CfA NRAO-Socorro Minnesota Leiden Jacobs Univ. CfA Tautenburg CfA Hamburg	Shock and Awe: Deep JVLA observations of the 'Sausage Cluster'	10,20	13,26	7.98

VLA Utilization Report April 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AV364	Veilleux, S. Teng, S. Morganti, R. Rupke, D.	Maryland NASA ASTRON Rhodes College	Quasar Feedback in Action: the Wide-Angle Wind of Mrk 231	20	6,7	10.58
AW878	Wharton, R. Cordes, J. Chatterjee, S. Kaplan, D. Lazio, J. Hobbs, G. Ransom, S. Crawford, F. Deller, A. Spolaor, S.	Cornell Cornell Cornell Wisc., Madison JPL ATNF Virginia F& M Univ. ASTRON JPL	A Hybrid Imaging/Periodicity Search for Extreme Objects in the Galactic Plane	20	29,30	4.05
AW881	Wilcots, E. Mao, S. A. Williams, A. Zweibel, E. Lundgren, B. York, D. Carilli, C.	Wisc., Madison Wisc., Madision Wisc., Madison Wisc., Madison Wisc., Madision Chicago NRAO-Socorro	Probing the Magnetic Fields In the Environment of Mg II Absorbers	10	10	0.74
AY234	Yusef-Zadeh, F. Roberts, D. Wardle, M. Pound, M. Royster, M. Wootten, H. Cotton, W.	Northwestern Northwestern Macquarie Maryland Northwestern NRAO-CV NRAO-CV	SiO (1-0) Observations of the Circumnuclear Molecular Ring and its interior	0.7	15	6.69
AY235	Yusef-Zadeh, F. Bushouse, H. Grosso, N. Roberts, D. Cotton, W. Wardle, M. Heinke, C. Eckart, A. Rickert, M. Porquet, D. Royster, M.	Northwestern STScI Obs de Strasboourg Northwestern NRAO-CV Macquarie Univ. of Alberta Univ. of Koln Northwestern Obs. de Strasbourg Northwestern	The Awakening of Sgr A* at the Galactic Center	0.7,1.3	2	6.97
AY236	Yusef-Zadeh, F. Roberts, D. Cotton, W. Wardle, M.	Northwestern Northwestern NRAO-CV Maxquarie Univ.	A Study of Polarized Features Near Sgr A* at 8.5 and 35 GHz	0.9,3.6	17	6.72
AY241	Yang, Y. Bertoldi, F. Walter, F. Decarli, R. Prescott, M., Dey, A. Weiss, A. Karim, A.,	Bonn Bonn MPIA MPIA Univ. of Copenhagen NOAO MPIfR Bonn	Constraining CO SED and Radio Properties of a Giant Lyman Alpha Nebula	0.9,10	12,15	3.97
AZ234	Zakamska, N. Greene, J. Liu, G.	Johns Hopkins Princeton Johns Hopkins	Origin of radio emission in radio-quiet quasars	6	4	1.5

VLA Utilization Report April 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
BB339	Bower, G. Deller, A. Demorest, P. Brunthaler, A. Eatough, R. Falcke, H. Kramer, M. Lee, K. Spitler, L. Doeleman, S. Reid, M.	Calif., Berkeley ASTRON NRAO-CV MPIfR MPIfR Nijmegen MPIfR MPIfR MPIfR Haystack Obs. CfA	Probes of the Galactic Center with the Pulsar 1745-29	4	25	6.26
S61420	Nelson, T. Chomiuk, L. Mukai, K.	Minnesota Michigan NASA	Constraining the ejected mass in fermi-detected novae with the VLA	20	25	1.25
SF0853	Haggard, D. Baganoff, F. Gillessen, S. Morris, M. Ghez, A. Degenaar, N. Harrison, F. Markoff, S. Falcke, H. Bower, G. Law, C. Fragile, P. Ponti, G. Wijnands, R. Nowak, M. Wilms, J.	Northwestern MIT MPIfR UCLA UCLA Michigan Calteh van Amsterdam Nijmegen Calif., Berkeley Calif., Berkeley Charleston MPE UVa MIT Erlangen-Nuremberg	Monitoring the Tidal Disruption of the Gas Cloud G2 as it encounters Sgr A*	20	4,28	13.69

VLA Utilization Report April 2014					
Legacy ID	Total Time (Hrs)	Project Code	Real Outage Hours	Calculated Hours Observed	Date Observed
AA381	4.99	14A-460	0.00	4.99	16-Apr
AB1483	1.25	14A-062	0.00	1.25	18-Apr
AB1484	0.33	14A-074	0.00	0.33	13-Apr
AB1489	0.54	14A-137	0.00	0.54	23-Apr
AB1493	2.07	14A-240	0.00	2.07	27-Apr
AB1498	7.90	14A-344	0.35	7.55	14,17,21,24-Apr
AB1502	2.99	14A-462	0.00	2.99	10,11-Apr
AC1211	1.99	14A-537	0.04	1.95	5-Apr
AC1143	23.94	13B-057	0.83	23.12	5,9,10,11,12,20,21, 22,25,27,29-Apr
AC1157	3.99	13B-238	0.02	3.97	20-Apr
AC1175	14.12	14A-139	0.27	13.85	3,4,5,7,8,10,16,17,2 2,23,24,25,26,28,29 ,30-Apr
AC1176	1.31	14A-154	0.01	1.30	1,10-Apr
AC1190	4.24	14A-430	0.00	4.24	20,23,25-Apr
AC1191	3.99	14A-434	0.03	3.96	19,20-Apr
AC1194	1.00	13B-454	0.00	1.00	11-Apr
AD673	5.98	13B-091	0.13	5.85	9-Apr
AD680	16.12	14A-163	0.13	16.00	1,11,13,19,20-Apr
AD691	2.00	13B-445	0.00	2.00	1,28-Apr
AE212	17.71	14A-471	0.32	17.39	1,3,6,9,18,21,22- Apr
AG891	4.99	13A-064	0.00	4.99	19-Apr
AG909	0.50	13B-217	0.00	0.50	12-Apr
AG927	2.99	14A-332	0.02	2.97	12,20-Apr
AH1110	7.98	13B-129	0.46	7.53	7,27-Apr
AH1122	2.99	13B-321	0.05	2.94	8,27-Apr
AH1127	2.99	13B-370	0.04	2.95	9,15-Apr
AH1132	11.97	14A-085	0.24	11.73	6,14-Apr
AH1133	1.24	14A-092	0.11	1.13	25-Apr
AH1137	1.00	14A-409	0.62	0.38	11-Apr
AH1140	3.99	14A-456	0.04	3.95	8-Apr
AI179	3.08	14A-403	0.18	2.90	2,4-Apr
AK827	6.48	14A-061	0.00	6.48	19-Apr
AK827	2.00	14A-113	0.08	1.92	30-Apr
AK832	4.00	14A-181	0.04	3.96	2,7,14-Apr
AK837	1.00	14A-483	0.00	1.00	26-Apr
AK854	2.00	14A-531	0.00	2.00	16-Apr
AL858	9.40	13B-326	1.42	7.98	17,18,27-Apr
AL865	2.49	14A-120	0.00	2.49	16,22,26-Apr
AL874	3.00	14A-353	0.04	2.96	6,10,25-Apr
AL877	1.00	14A-379	0.03	0.97	14-Apr
AL883	0.75	14A-447	0.00	0.75	2-Apr

AM1251	58.00	14A-012	1.83	56.17	1,2,5,6,7,12,13,14,19,21,22,25,27,28,29,30-Apr
AM1263	5.98	14A-116	0.10	5.88	12,14-Apr
AM1265	3.99	14A-133	0.13	3.86	20,24-Apr
AM1266	6.70	14A-144	0.21	6.49	14,23,24-Apr
AM1267	3.99	14A-167	0.02	3.97	5,21-Apr
AN168	4.49	14A-469	0.07	4.42	1,7,10,11,15,20,21,23-Apr
AO310	2.00	14A-542	0.00	2.00	30-Apr
AP630	3.99	13B-048	0.02	3.97	19-Apr
AP647	6.73	14A-142	0.05	6.69	14,24-Apr
AR838	2.00	13B-210	0.05	1.94	10,13-Apr
AR842	7.98	13B-335	0.02	7.96	3-Apr
AR846	3.00	14A-014	0.06	2.95	9,12,16-Apr
AR852	5.06	14A-168	0.00	5.06	7-Apr
AR857	5.98	14A-220	0.13	5.85	12,13,17,18,20,29-Apr
AR864	9.94	14A-360	1.96	7.98	19,20,25-Apr
AS1163	74.89	12B-158	0.44	74.45	3,4,5,8,11,12,13,15,16,17,18,20,21,22,23,24,25,26,27-Apr
AS1219	11.15	13B-014	0.28	10.87	5,7,10,12,17,28,29-Apr
AS1245	0.98	14A-218	0.00	0.98	14-Apr
AS1264	5.32	14A-459	0.11	5.21	5,8,20,21-Apr
AT436	16.45	13B-318	0.40	16.06	2,5,6,12,18,29-Apr
AT440	3.49	14A-007	0.11	3.38	22,30-Apr
AT441	4.65	14A-040	0.31	4.35	10,24-Apr
AV350	9.24	13A-399	1.26	7.98	13,26-Apr
AV364	10.58	14A-389	0.00	10.58	6,7-Apr
AW878	4.24	14A-404	0.19	4.05	29,30-Apr
AW881	0.78	14A-498	0.03	0.74	10-Apr
AY235	7.02	14A-231	0.05	6.97	2-Apr
AY236	6.98	14A-232	0.26	6.72	17-Apr
AY237	6.98	14A-229	0.29	6.69	15-Apr
AY241	3.99	14A-333	0.02	3.97	12,15-Apr
AZ234	1.50	14A-310	0.00	1.50	4-Apr
AZ236	2.00	14A-423	0.00	2.00	3-Apr
BB339	6.29	14A-209	0.04	6.26	25-Apr
S61420	1.25	S61420	0.00	1.25	25-Apr
SF0853	13.72	SF0853	0.02	13.69	4,28-Apr
End to End System Test	2.97	14A-000	0.04	2.93	5,12,26-Apr
TOTAL:	**492.40**		**13.88**	**478.52**	
			2.82%		

	Scheduled Hours	Percentage	Actual Hours	Percentage	
SCHEDULED ASTRONOMY	519.37	72.13%	505.39	71.58%	
UNSCHEDULED	6.64	0.92%	6.64	0.94%	
MAINTENANCE	46.05	6.40%	46.05	6.52%	
TEST/CALC	147.94	20.55%	147.94	20.95%	
WEATHER*	0.00	0.00%	0.00	0.00%	
POWEROUT**	0.00	0.00%	0.00	0.00%	
HOLIDAY SHUTDOWN	0.00	0.00%	0.00	0.00%	
TOTAL:	**720.00**	**100.00%**	**706.02**	**100.00%**	
*Observing not possible due to weather conditions					
**Observing not possible due to site power outage					
	Scheduled Hours		Actual Hours	Percentage	
DYNAMIC ASTRONOMY	526.01		519.37	98.74%	
Average downtime measured in antenna hours was **2.69%** of scheduled antenna					
Category	**Outage Hours**	**Percentage**			
ANTENNA PADS	0.13	0.93%			
CORRELATOR	1.31	9.36%			
CRYOGENICS	0.34	2.46%			
FIBER OPTICS	0.51	3.66%			
FOCUS/ROTATION	0.16	1.18%			
FRONT END	1.85	13.21%			
LO-IF	0.61	4.37%			
MECHANICAL	0.09	0.61%			
OTHER	0.44	3.14%			
RECOMMISSIONING	0.48	3.45%			
SERVO	1.27	9.09%			
SOFTWARE	2.57	18.41%			
WEATHER	4.21	30.15%			
TOTAL:	**13.97**	**100.00%**			

VLA Utilization Report March 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AA 380	Ainsworth, R. Green, J. Evans, N Chandler, C. Rodriguez, L.	Dublin Inst. Texas., Austin Texaas., Austin NRAO-Socorro UNAM	Radio Continuum Observations of FU Orionis Stars	2,3.6	2,9	6.01
AB1469	Bell, M. Ensslin, T. Bonafede, A. Klein, U. Anderson, J. Wise, M. Perley, R.	MPIA MPIA Univ. Hamburg Bonn MPIfR ASTRON NRAO-Socorro	Faraday Synthesis Of Hydra A To Study ICM Magnetic Fields, Jet/ICM Interaction	3.6,6 ,10,20	7	5.18
AB 1481	Bietenholz, M. Bartel, N.	Hartebeesthoek York	The Radio Lightcurve and Spectral Evolution of Supernova 1993J	1.3,2,3. 6,6,20,9 0	4	2.48
AB1489	Bloome, R. Rauw, G. Volpi, D. Naze, Y. Prinja, R.	Beliguique Liege Belguique Liege London	The Colliding Winds of the Massive Early-Type Binary 9 Sgr - continued	3.6,6,20	19	0.48
AB1498	Berger, E. Zauderer, B. Fong, W. Laskar, T. Soderberg, A. Kamble, A. Sari, R. Metzger, B. Margutti, R. Chakraborti, S. Nakar, E. Chornock, R. Menten, K. Williams, P. McIntosh, M.	CfA CfA CfA CfA CfA CfA Hebrew Univ. Princeton CfA CfA Tel Aviv Univ. CfA MPIfR CfA CfA	New Insights on Gamma-Ray Bursts with the Jansky VLA: A Legacy Approach	1.3,2,3. 6,6	4,6,7,8,13,1 4,16,21,22, 30	25.52
AB1502	Broekhoven-Fiene, H. Matthews, B. Duchene, G. Di Francesco, J. Mann, R. Bourke, T.	Univ. of Victoria Herzberg Inst. Calif., Berkley Herzberg Inst. Herzberg Inst. CfA	Characterizing Bright Disks in the Auriga-California GMC	0.7,3.6, 6	3,10,22,23, 24,26	9.34
AC1140	Comerford, J. Wrober, J. Greene, J. Eracleous, M.	Colo., Boulder NRAO-Socorro Princeton Pennsylvania	Double-peaked AGNs as Probes of AGN Fueling and Feedback	3.6	6,12,13,14, 16,17,18,19 ,24,25	32.42

VLA Utilization Report March 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AC1143	Chomiuk, L. Sololoski, J. Weston, J. Nelson,T. Rupen, M. Mukai, K. Mioduszewski, A. Roy, N. Bode, M. Bildsten, L. Eyres, S. Munari, U. O'Brien, T. Townsley, D. Williams, B.	Michigan Columbia Columbia Minnesota NRAO-Socorro NASA NRAO-Socorro MPIfR John Moores Univ. Calif., Santa Barbara Central Lancashire INAF Jodrell Bank Alab., Tuscalossa STScI	Tempests, Not Bombs: The Complex, Prolonged Explosions of Novae	0.9,2,6, 20	2,3,4,6,9,16 ,23,25,31	15.64
AC1157	Chen, H. Reid, M. Wilner, D. Chandler, C.	Tsing Hua Univ. CfA CfA NRAO-Socorro	Searching for Ionized Disks and Outflows in Two Nearby Massive Protostars	0.7,2	8,16	7.98
AC1175	Chandra, P. Wade, G. Cohen, D. Gagne, M. Oksala, M. Owocki, S. Doula, A. Grunhut, J. Sundqvist, J.	TIFR RMC Swarthmore College West Chester Univ. Univ. of Delaware Univ. of Delaware Pennsylvania ESO Univ. of Munich	Tracing the radio emission from magnetic OB stars	0.9,3.6, 10	8,27	1.18
AC1176	Chhetri, R. Ekers, R. Jones, P. Reynolds, C.	New South Wales ATNF New South Wales Curtin	Follow-up observations of AT20G gravitational lens / binary SMBH candidates	3.6,6	29	0.63
AC1186	Chomuik, L. Can Kerkwijk, M. Soderberg, A. Simon, J. Foley, R. Chevalier, R. Fransson, C. Badenes, C. Margutti, R. Linford, J.	Michigan Toronto CfA Carnegie CfA UVa Stockholm Princeton CfA Michigan	Common Envelopes: A Common, Detectable Feature of Type Ia Supernova Progenitors?	6	1,11	6.62
AD680	Degenaar, N. Rupen, M. King, A. Miller, J.	Mich., Ann Arbor NRAO-Socorro Mich., Ann Arbor Mich., Ann Arbor	Refining the radio/X-ray correlation for neutron star X-ray binaries	3.6	5,17,18,27	11.87
AD685	Darling, J. Truebenbach, A.	Colo., Boulder Colo., Boulder	Positions and Accelerations of New Galactic Center Masers	0.7,1.3	7,29	4.66
AD691	Deller, A. Moldon, J. Miller-Jones, J. Archibald, A. Hessels, J.	ASTRON ASTRON Curtin ASTRON ASTRON	Characterizing the compact jet in the J1023+0038 pulsar/X-ray binary system	2,3.6,6, 20	7,19	0.89

VLA Utilization Report March 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AE208	Edge, A. Hogan. M. McNamara, B. Nulsen, P. Russell, H. Ma, C. Wise, M.	Durham Durham Waterloo CfA Cambridge CfA ASTRON	A JVLA survey of cool core clusters with compact, steep spectrum emission	20	11	0.96
AE212	Evans, A. Leroy, A. Murphy, E. Armus, L Barcos, L. Thompson, T. Kim, D. Surace, J. Haan, S. Stierwalt, S. Privon, G. Momjian, E. Walter, F. Schinnerer, E.	NRAO-CV NRAO-CV Caltech Caltech UVa Ohio NRAO-CV Caltech Caltech UVa UVa NRAO-Socorro MPIA MPIA	High-Resolution Imaging of Obscured Star Formation in Luminous Infrared Galaxies	0.9,2,10	6,7,17,21,22,23,25,30,31	20.18
AG922	Gomez, J. Uscanga, L. Suarez, O. Miranda, L. Torrelles, J. Bendjoya, P. Rizzo, J. Green, J. Anglada, G.	IAA NOA OCA IAA IEEC Univ. of Nice CSIC CSIRO IAA	The evolution of water-maser-emitting planetary nebulae	1.3,20	8	1.99
AG925	Gomez, L Rodriguez, L. Loinard, L.	Chile UNAM UNAM	Search for dynamical disintegrations in young multiple (proto-)stellar systems	3.6	15	1.00
AH1127	Hallinan, G. Kulkarni, S. Frail, D. Horesh, A. Mooley, K. Anderson, M. Bourke, S. Myers, S.	Caltech Caltech NRAO-Socorro Caltech Caltech Caltech Caltech NRAO-Socorro	A 300 Square Degree VLA Transient Survey in Stripe 82	10	9,13	2.90
AH1133	Hoare, M. Kurtz, S. Lumsden, S. Jackson, J. Fuller, G. Vlemmings, W. Churchwell, E.	Univ. of Leeds UNAM Univ. of Leeds Boston Manchester OSO Wisc., Madison	High resolution imaging of jets and winds from massive YSOs	0.7	16,21,22,23,24,25,29	16.98

VLA Utilization Report March 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AH1143	Horesh, A. Nugent, P. Gal-Yam, A. Patat, F. Kulkarni, S. Goobar, A. Sullivan, M. Sternberg, A. Cao, Y. Maguire, K.	Caltech Calif., Berkeley Weizmann Inst. ESO Caltech Stockholms Univ. Oxford MPA Caltech Oxford	A different class of Ia supernovae?	1.3,6	19	0.96
AI179	Isella, A. Pascucci, I. Testi, L. Ricci, L. Chandler, C.	Caltech Arizona ESO Caltech NRAO-Socorro	Characterizing the ``non-thermal dust'' emission from proto-planetary disks.	2,3.6,6	27	1.47
AK832	Koerding, E. Rupen, M. Miller-Jones, J. Knigge, C. Copperjans, D.	Nijmegen NRAO-Socorro Curtin Univ. Southampton Nijmegen	Radio Emission from Accreting White Dwarfs: persistent cataclysmic variables	6	13,15,22,31	3.95
AK837	Kulkarni, S. Horesh, A. Cenko, B. Corsi, A. Gal-Yam, A. Ofek, E. Kasliwal, M. Cao, Y. Mooley, K.	Caltech Caltech NASA GW Univ. Weizmann Inst. Weizmann Inst. Carnegie Inst. Caltech Caltech	A Joint PTF-VLA Transient Program	0.7,1.3, 6,10	6,25	2.48
AL868	Lim, J. Owen, J.	Hong Kong Toronto	Imaging the Photoevaporated Winds of Protoplanetary Disks	2	24,25	3.35
AL877	Loinard, L. Dzib, S. Mioduszewski, A. Rodriguez, L. Torres, R.	UNAM UNAM NRAO-Socorro UNAM UNAM	The Nearby Star Forming Regions Distances Survey	6	6,8,9,16,20, 28	5.97
AM1226	Mann, R. Di Francesco, J. Williams, J. Johnstone, D.	Herzberg Inst. Herzberg Inst. Hawaii., Manoa Herzberg, Inst.	Fundamental Properties of Protoplanetary Disks in the Orion Nebula	1.3,6	3,7	5.98
AM1251	Murphy, E. Lazio, J. Dickinson, M. Carilli, C. Condon, J. Capak, P. Armus, L. Norris, R. Momjian, E. Smail, I. Desai, V. Helou, G. Bhatnagar, S. Richard, J. Mao, M.	Caltech JPL NOAO NRAO-Socorro NRAO-CV Caltech Caltech ATNF NRAO-Socorro Durham Caltech Caltech NRAO-Socorro UCLB NRAO-Socorro	A Jansky-VLA Public Legacy Survey of the Frontier Fields	6,10	2,3,5,30,31	23.44

VLA Utilization Report March 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AM1253	Matthews, L. Reid, M. Menten, K.	Haystack Obs. CfA MPIfR	Resolved Imaging of Radio Photospheres	0.7	13	2.99
AM1265	Moscadelli, L. Sanchez-Monge, A. Goddi, C. Li, J. Cesaroni, R. Reid, M. Pestalozzi, M. Sanna, A.	INAF INAF JIVE MPIfR INAF CfA INAF MPIfR	Characterizing the ionized gas emission in massive protostars	1.3,2,6	9,12,15,27, 30	9.16
AM1266	Miniati, F. Beck, R. Bernet, M. Lilly, S.	Zurich MPIfR Zurich Zurich	Faraday Screens Associated to Intervening Galaxies at Intermediate Redshift	3.6,6,10 ,20	4	3.15
AM1267	Middleton, M. Miller-Jones, J. Markoff, S. Fender, R. Henze, M. Roberts, T. Scaife, A. Hurley-Walker, N. Carpenter, J. Gandhi, P. Gehrels, N. Woudt, P. Hancock, P.	Durham Curtin van Amsterdam Southampton MPE Durham Southampton ICRAR Caltech JAXA NASA Cape Town Sydney	Probing disc-jet coupling in extragalactic micro-quasars	1.3,6	6,9,10,14,1 5,18,29	9.02
AM1277	Maccarone, T. Miller-Jones, J. Russell, D. Meier, D. Fender, R. McHardy, I.	Texas Curtin van Amsterdam JPL Southampton Southampton	Pushing jet quenching measurements to the limit	3.6	3,4,15,18,2 1,22,23	11.78
AN168	Nakanishi, K. Hanami, H. Ishigaki, T. White, G. Sergeant, S. Krumpe, M. Miyaji, T. Fujishiro, N. Matsuhara, H. Wada, T. Takagi, T. Hatsukade, B. Valtchanov. I.	NAO Iwate Univ. Iwate Univ. Open Univ. Open Univ. ESO Calif., San Diego JAXA JAXA JAXA JAXA Kyoto ESO	Radio Continuum Observations on Star Formation Activities in AKARI LIRGs	20	23,25,31	1.59
AO309	O'Dea, C. Baum, S. Tremblay, G. Gladders, M.	Rochester Inst. Rochester Inst. ESO Chicago	Critical constraints on a unique 30 kpc "beads on a string" star formation	20	22	0.59
AP654	Pilai, T. Kauffmann, J. Menten, K. Morris, M. Lis, D.	Caltech Caltech MPIfR UCLA Caltech	Nature of the Lone Galactic Center Dense Core in G0.253+0.016	0.7	13,31	1.54

VLA Utilization Report March 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AR846	Rodriguez, L. Masque, J. Dzib, S. Loinard, L. Kurtz, S.	UNAM Barcelona UNAM UNAM UNAM	The Nature of the Enigmatic Compact Sources Projected Inside W3(OH) and NGC6334A	0.7,0.9, 1.3,2,.3 6	7,13,16,19 ,24	6.64
AR864	Rujopakarn, W. Rieke, G. Ivison, R. Owen, F. Carilli, C. Dunlop, J. Pannella, M. Elbaz, D. Dickinson, M. Miller, N. Alexander, D. Ballantyne, D. Windhorst, R. Robertson, B. Weiner, B. Taylor, A. Bundy, K. Bhatnagar, S.	Arizona Arizona Edinburgh NRAO-Socorro NRAO-Socorro British Columbia CEA CEA NOAO Maryland Durham Georgia Tech Arizona Arizona Steward Obs. Calgary Tokyo NRAO-Socorro	Resolving the Obscured Cosmic Accretion History and Modes of Galaxy Assembly	6,10	2,21,27,29	15.73
AS1163	Smolcic, V. Schinnerer, E. Karim, A. Scoville, N. Carilli, C. Scoville, N. Carilli, C. Sargent, M. Murphy, E. Banfield, J. Zamorani, G. Bondi, M. Ciliegi, P. Sheth, K. Kloeckner, H. Capak, P. Elvis, M. Balokovic, M. Jelic, V. Hao, H. Bertoldi, F. Salim, S. Krpan, J.	ESO MPIA MPIA Caltech NRAO-Socorro Caltech NRAO-Socorro CEA Carnegie Inst. ATNF INAF INAF INAF NRAO-CV Oxford Caltech CfA Caltech ASTRON CfA Bonn Bonn Univ. of Zagreb	Deep 3GHz EVLA-COSMOS Survey: Confining Stellar Mass Growth through Cosmic Times	10	1,2,3,5,8,1 0,17,18,19 ,23,24,28, 29,30	62.34
AS1197	Stanimirovic, S. Murray, C. Goss, M. Heiles, C. Dickey, J Begum, A. Hennebelle, P.	Wisc., Madison Wisc., Madision NRAO-Socorro Calif., Berkeley Tasmania Wisc., Madison Obs. de Paris	21-SPONGE: 21-cm Spectral line Observations of Neutral Gas with the EVLA	20	13,14	1.92

VLA Utilization Report March 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
BS228	Strader, J. Miller-Jones, J. Deller, A. Brisken, W. Chomiuk, L. Maccarone, T. Seth, A.	Michigan Curtin ASTRON NRAO-Socorro Michigan Southampton CfA	Proper Motion Confirmation of Black Holes in a Globular Cluster	4	2,8	8.33
SF0459	Plotkin, R. Miller-Jones, J. Gallo, E. Jonker, P. Torres, M. Markoff, S. Fender, R.	Michigan Curtin Michigan CfA Netherlands van Amsterdam Southampton	A multiwavelength probe of black hole accretion flows in quiescence	20	20	9.97
S61420	Nelson, T. Chomiuk, L. Mukai, K.	Minnesota Michigan NASA	Constraining the ejected mass in fermi-detected novae with the VLA	20	3	1.76
SF0459	Plotkin, R. Miller-Jones, J. Gallo, E. Jonker, P. Torres, M. Markoff, S. Fender, R.	Michigan Curtin Michigan CfA Netherlands van Amsterdam Southampton	A multiwavelength probe of black hole accretion flows in quiescence	20	20	9.97
SF0474	Sanders, J. Fabian, A. Johnstone, R. Carolin, C. Helen, R. Hlavacek-Larrondo, J. Canning, B. Blundell, K. Taylor, G. Panagoulia, E.	MPIfR Cambridge Cambridge Cambridge Waterloo Stanford Stanford Oxford UNM Cambridge	Deep Imaging and spectroscopy of the Centaurus cluster: metals and filaments	20	11,12	6.02
SF0853	Haggard, D. Baganoff, F. Gillessen, S. Morris, M. Ghez, A. Degenaar, N. Harrison, F. Markoff, S. Falcke, H. Bower, G. Law, C. Fragile, P. Ponti, G. Wijnands, R. Nowak, M. Wilms, J.	Northwestern MIT MPIfR UCLA UCLA Michigan Calteh van Amsterdam Nijmegen Calif., Berkeley Calif., Berkeley Charleston MPE UVa MIT Erlangen-Nuremberg	Monitoring the Tidal Disruption of the Gas Cloud G2 as it encounters Sgr A*	20	14	6.99

VLA Utilization Report March 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AS1245	Scaife, A. Owen, J. Ercolano, B.	Southampton Toronto Univ. of Munchen	Testing Protoplanetary Disk Dispersal with Radio Emission	2,6	3,21,23	2.94
AT436	Tobin, J. Looney, L. Li, Z. Chandler, C. Kratter, K. Dunham, M. Sadavoy, S. Perez, L. Sergura-Cox, D. Melis, C.	NRAO-CV Urbana-Champaign UVa NRAO-Socorro Colo., Boulder Yale Univ. of Victoria NRAO-Socorro Urbana-Champaign Calif., San Diego	Characterizing Binary and Disk Formation in Young Protostellar Systems	0.9,6	4,8,9,10,11, 14,15,16,20 ,22,23,24,2 8,29,30	60.04
AT440	Torrelles, J. Surcis, G. Kim, J. Kim, S. Goddi, C. Carrasco-Gonzalez, C. Anglada, G. Gomez, J. Curiel, S. Vlemmings, W. Langevelde, H.	IEEC JIVE KASI KASI JIVE MPIfR IAA IAA UNAM OSO JIVE	An Episodic Uncollimated Outflow Transforming into a Jet	0.7,1.3, 2,6	15	2.00
AT441	Tozzi, P. Giovannini, G. Nonino, M. Donahue, M. Girardi, M. Postman, M. Rosati, P. Santos, J. Aravena, M.	INAF INAF INAF Michigan INAF STScI ESO ESO ESO	A systematic study of the AGN-radio feedback in the core of CLASH clusters	20	1,14,21,23, 28	10.18
AV364	Veilleux, S. Teng, S. Morganti, R. Rupke, D.	Maryland NASA ASTRON Rhodes College	Quasar Feedback in Action: the Wide-Angle Wind of Mrk 231	20	15,27,29	15.47
AY236	Yusef-Zadeh, F. Roberts, D. Cotton, W. Wardle, M.	Northwestern Northwestern NRAO-CV Maxquarie Univ.	A Study of Polarized Features Near Sgr A* at 8.5 and 35 GHz	0.9,3.6	9	6.98
AZ229	Zijlstra, A. Kastner, J. Montez, R.	Manchester Rochester Rochester	The X-ray hearts of planetary nebulae	3.6	11,26	2.98

VLA Utilization Report March 2014					
Legacy ID	Total Time (Hrs)	Project Code	Real Outage Hours	Calculated Hours Observed	Date Observed
AA 380	6.01	14A-457	0.00	6.01	2,9-Mar
AB 1469	5.19	13B-088	0.01	5.18	7-Mar
AB 1481	2.49	14A-044	0.01	2.48	4-Mar
AB 1489	0.50	14A-137	0.02	0.48	19-Mar
AB 1498	25.85	14A-344	0.33	25.52	4,6,7,8,13,14,16,21,22,30-Mar
AB 1502	9.40	14A-462	0.06	9.34	3,10,22,23,24,26-Mar
AC 1140	32.58	13B-020	0.16	32.42	6,12,13,14,16,17,18,19,24,25-Mar
AC 1143	15.72	13B-057	0.08	15.64	2,3,4,6,9,16,23,25,31-Mar
AC 1157	7.98	13B-238	0.00	7.98	8,16-Mar
AC 1175	1.18	14A-139	0.00	1.18	8,27-Mar
AC 1176	0.63	14A-154	0.00	0.63	29-Mar
AC 1186	6.62	14A-337	0.00	6.62	1,11-Mar
AD 680	11.97	14A-163	0.10	11.87	5,17,18,27-Mar
AD 685	4.66	14A-440	0.00	4.66	7,29-Mar
AD 691	2.00	13B-445	0.04	1.96	7,19-Mar
AE 208	1.00	14A-280	0.04	0.96	11-Mar
AE 212	20.34	14A-471	0.16	20.18	6,7,17,21,22,23,25,30,31-Mar
AG 922	1.99	14A-211	0.00	1.99	8-Mar
AG 925	1.00	14A-326	0.00	1.00	15-Mar
AG 927	2.99	14A-332	0.04	2.96	5,10-Mar
AG 928	2.74	13B-458	0.00	2.74	1-Mar
AH 1109	2.74	13B-127	0.11	2.64	27-Mar
AH 1122	1.50	13B-321	0.03	1.47	11-Mar
AH 1127	3.24	13B-370	0.35	2.90	9,13-Mar
AH 1133	17.26	14A-092	0.28	16.98	16,21,22,23,24,25,29-Mar
AH 1143	1.00	14A-494	0.04	0.96	19-Mar
AI 179	1.54	14A-403	0.07	1.47	27-Mar
AK 832	3.99	14A-181	0.04	3.95	13,15,22,31-Mar
AK 837	2.49	14A-483	0.01	2.48	6,25-Mar
AK 854	2.00	14A-531	0.07	1.92	22-Mar
AL 865	2.50	14A-120	0.02	2.48	17,26-Mar
AL 868	3.39	14A-227	0.04	3.35	24,25-Mar
AL 874	5.14	14A-353	0.04	5.10	2,11,18,20,23-Mar
AL 877	5.98	14A-379	0.02	5.97	6,8,9,16,20,28-Mar
AL 878	2.96	14A-386	0.01	2.95	5,7,29-Mar

AM 1126	5.98	13B-085	0.00	5.98	3,7-Mar
AM 1202	1.00	13A-376	0.04	0.96	11,22-Mar
AM 1240	1.00	13B-248	0.01	0.99	21-Mar
AM 1251	23.53	14A-012	0.09	23.44	2,3,5,30,31-Mar
AM 1253	2.99	14A-026	0.00	2.99	13-Mar
AM 1265	9.23	14A-133	0.07	9.16	9,12,15,27,30-Mar
AM 1266	3.18	14A-144	0.04	3.15	4-Mar
AM 1267	9.10	14A-167	0.07	9.02	6,9,10,14,15,18,29-Mar
AM 1277	11.97	14A-256	0.19	11.78	3,4,15,18,21,22,23-Mar
AN 165	4.49	14A-322	0.21	4.28	26-Mar
AN 168	1.60	14A-469	0.02	1.59	23,25,31-Mar
AO 299	5.98	14A-496	0.14	5.85	4,6-Mar
AO 309	0.62	14A-527	0.02	0.59	22-Mar
AP 654	1.54	14A-356	0.01	1.54	13,31-Mar
AR 846	7.88	14A-014	1.24	6.64	7,13,16,19,24-Mar
AR 852	9.97	14A-168	0.04	9.93	28,30-Mar
AR 857	3.99	14A-220	0.00	3.99	6,9,12,31-Mar
AR 864	15.97	14A-360	0.24	15.73	2,21,27,29-Mar
AS 1163	62.92	12B-158	0.58	62.34	1,2,3,5,8,10,17,18,19,23,24,28,29,30-Mar
AS 1197	2.00	13A-205	0.07	1.92	13,14-Mar
AS 1219	4.99	13B-014	0.00	4.99	1,7,8,28-Mar
AS 1239	0.75	14A-130	0.00	0.75	31-Mar
AS 1245	2.98	14A-218	0.03	2.94	3,21,23-Mar
AT 436	60.66	13B-318	0.61	60.04	4,8,9,10,11,14,15,16,20,22,23,24,28,29,30 Mar
AT 440	2.00	14A-007	0.00	2.00	15-Mar
AT 441	10.40	14A-040	0.22	10.18	1,14,21,23,28-Mar
AV 364	15.86	14A-389	0.39	15.47	15,27,29-Mar
AW 849	2.99	13A-465	0.00	2.99	15-Mar
AW 881	2.33	14A-498	0.07	2.26	12,13,16-Mar
AY 235	13.96	14A-231	0.18	13.79	1,10-Mar
AY 236	6.98	14A-232	0.00	6.98	9-Mar
AZ 229	2.99	14A-045	0.02	2.98	11,26-Mar
AZ 236	1.00	14A-423	0.05	0.95	22-Mar
BS 228	8.33	13B-009	0.00	8.33	2,8-Mar
End to End System Test	4.99	14A-000	0.00	0.00	1,8,16,22,31-Mar
S61420	1.76	S61420	0.00	1.76	3-Mar
SF0459	9.97	SF0459	0.00	9.97	20-Mar
SF0474	6.02	SF0474	0.00	6.02	11,12-Mar
SF0853	6.99	SF0853	0.00	6.99	14-Mar

SF0858	5.98	SF0858	0.08	5.91	28-Mar
TOTAL:	**575.47**		**6.88**	**563.60**	
			1.20%		

	Scheduled Ho	Percentage	Actual Hours	Percentage
SCHEDULED ASTRONOMY	575.47	77.35%	568.55	77.14%
UNSCHEDULED	7.47	1.00%	7.47	1.01%
MAINTENANCE	36.43	4.90%	36.43	4.94%
TEST/CALC	119.31	16.04%	119.31	16.19%
WEATHER*	5.32	0.72%	5.32	0.72%
POWEROUT**	0.00	0.00%	0.00	0.00%
HOLIDAY SHUTDOWN	0.00	0.00%	0.00	0.00%
TOTAL:	**744.00**	**100.00%**	**737.08**	**100.00%**

*Observing not possible due to weather conditions

**Observing not possible due to site power outage

	Scheduled Hours		Actual Hours	Percentage
DYNAMIC ASTRONOMY	582.94		575.47	98.72%

Average downtime measured in antenna hours was **1.2%** of

Category	**Outage Hours**	**Percentage**
CORRELATOR	1.59	22.92%
CRYOGENICS	0.87	12.62%
ELECTRICAL	0.01	0.17%
FIBER OPTICS	0.48	6.89%
FOCUS/ROTATION	0.05	0.77%
FRONT END	0.98	14.10%
LO-IF	0.27	3.87%
OTHER	0.01	0.12%
SERVO	2.62	37.92%
SOFTWARE	0.00	0.02%
WEATHER	0.04	0.60%
TOTAL:	**6.92**	**100.00%**

VLA Utilization Report February 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AB1467	Beltran, M. Cesaroni, R. Sanchez-Monge, A. Kumar, N.	INAF INAF INAF Univ. of Porto	Binaries and jets in high-mass star-forming regions	0.7,1.3,2	24	2.4
AB1469	Bell, M. Ensslin, T. Bonafede, A. Klein, U. Anderson, J. Wise, M. Perley, R.	MPIA MPIA Univ. Hamburg Bonn MPIfR ASTRON NRAO-Socorro	Faraday Synthesis Of Hydra A To Study ICM Magnetic Fields, Jet/ICM Interaction	3.6,6,10,20	27	4.94
AB1471	Bigiel, F. Chicharro, R. Ott, J. Walter, F. De Blok, E. Brinks, E. Kerp, J. Pisano. D.J. Chakrabarti, S. Faridani, S. Wang, H.	Heidelberg Heidelberg NRAO-Socorro MPIA ASTRON Hertfordshire Bonn West Virginia Florida Bonn ASIAA	THINGS XXL: Studying the Super-Extended HI Disk in the Nearby Disk Galaxy M83	20	1,2,3,4,6,7	19.51
AB1472	Barrett, P. Boboltz, D. Dieck, C. Beasley, A. Singh, K. Godon, P. Mason, P.	GW Univ. USNO USNO NRAO-CV TIFR Vilanova NMSU	A Search for Radio-Loud Magnetic Cataclysmic Variables	1.3,3.6,6	10	1.00
AB1484	Benaglia, P. DeBecker, M. Raucq, F.	INAF Liege Liege	WR 133: a system for study particle acceleration in colliding-wind binaries	6	27,28	0.64
AB1489	Bloome, R. Rauw, G. Volpi, D. Naze, Y. Prinja, R.	Beliguique Liege Belguique Liege London	The Colliding Winds of the Massive Early-Type Binary 9 Sgr - continued	3.6,6,20	20	0.49
AC1111	Carilli, C. Wagg, J. Walter, F. Riechers, D. Cox. P. Lentati, L. Maiolino, R. McMahon, R. Andreani, P. Wolfe, A.	NRAO-Socorro ESO MPIA Cornell IRAM Cambridge INAF Cambridge ESO Calif., San Diego	Anatomy of massive galaxy and SMH formation	0.7	5,8,9,10	15.77
AC1129	Corsi, A. Kulkarni, S. Cenko, B. Perley, D. Frail, D. Sonbas, E. Dhuga, K.	GW Univ. Caltech Calif., Berkeley Caltech NRAO-Socorro Adiyaman Univ. GW Univ.	Probing the composition of GRB jets with JVLA: a quest for reverse shocks	0.7,1.3	8	2.5

VLA Utilization Report February 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AC1143	Chomiuk, L. Sololoski, J. Weston, J. Nelson,T. Rupen, M. Mukai, K. Mioduszewski, A. Roy, N. Bode, M. Bildsten, L. Eyres, S. Munari, U. O'Brien, T. Townsley, D. Williams, B.	Michigan Columbia Columbia Minnesota NRAO-Socorro NASA NRAO-Socorro MPIfR John Moores Univ. Calif., Santa Barbara Central Lancashire INAF Jodrell Bank Alab., Tuscalossa STScI	Tempests, Not Bombs: The Complex, Prolonged Explosions of Novae	0.9,2,6, 20	8,9,19,23	6.69
AC1144	Chandra, P. Chevalier, R. Soderberg, A. Fransson, C. Chugai, N.	TIFR UVa CfA Stockholm Moscow	Radio followup observations of radio and X-ray bright Type IIn supernova 2006jd	1.3,3.6, 6,20	1	0.50
AC1145	Chandra, P. Chevalier, R. Soderberg, A. Fransson, C. Chugai, N. Fox, O.	TIFR UVa CfA Moscow Stockholm Calif., Berkeley	A search for radio emission in Type IIn supernovae	1.3	2,5,10	2.99
AC1158	Clarke, T. Blanton. E. Randall, S. Giacintucci, S. ZuHone, J.	NRL Boston CfA Maryland NASA	Cavities & Turbulence: Low Frequency Study of the Sloshing Systems A2052 & A4059	90	2	3.62
AC1160	Casassus, S. Menard, F. Wright, C.	Chile Obs. De Grenoble ADFA	This is a blank proposal created on Friday February 1, 2013	0.9,1.3, 2	1	1.00
AC1178	Cerrigone, L. Umans, G. Trigilio, C.	CSIC INAF INAF	Characterization of the ionized regions in two variable young Planetary Nebulae	0.7,1.3, 2,3.6	21,23	2.47
AC1186	Chomuik, L. Can Kerkwijk, M. Soderberg, A. Simon, J. Foley, R. Chevalier, R. Fransson, C. Badenes, C. Margutti, R. Linford, J.	Michigan Toronto CfA Carnegie CfA UVa Stockholm Princeton CfA Michigan	Common Envelopes: A Common, Detectable Feature of Type Ia Supernova Progenitors?	6	28	1.90
AC1191	Corsi, A. Gal-Yam, A. Kulkarni, S. Arcavi, I. Horesch, A. Frail, D.	GW Univ. Weizmann Inst. Caltech Weizmann Inst. Caltech NRAO-Socorro	VLA follow-up of iPTF Ib/c SNe: An efficient quest for relativistic explosions	2,3.6,10	25	1.05

VLA Utilization Report February 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AD674	Datta, A. Burns, J. Skillman, S. Clarke, T. Intema, H. Hallman, E.	NASA Colo., Boulder Colo., Boulder NRL NRAO-Socorro Tech-X Corp.	Sensitive Radio Observations of Relics in Galaxy Clusters	90	7	1.00
AD680	Degenaar, N. Rupen, M. King, A. Miller, J.	Mich., Ann Arbor NRAO-Socorro Mich., Ann Arbor Mich., Ann Arbor	Refining the radio/X-ray correlation for neutron star X-ray binaries	3.6	20,26,28	9.46
AD691	Deller, A. Moldon, J. Miller-Jones, J. Archibald, A. Hessels, J.	ASTRON ASTRON Curtin ASTRON ASTRON	Characterizing the compact jet in the J1023+0038 pulsar/X-ray binary system	2,3.6,6, 20	13	0.89
AE208	Edge, A. Hogan. M. McNamara, B. Nulsen, P. Russell, H. Ma, C. Wise, M.	Durham Durham Waterloo CfA Cambridge CfA ASTRON	A JVLA survey of cool core clusters with compact, steep spectrum emission	20	25	0.13
AG895	Green, D. Reynolds, S. Hwang, U. Katsuda, S. Long, K. Petre, R. Williams, B. Winkler, F.	Cambridge North Carolina NASA Japan STScI NASA NASA Middlebury	Observations of G327.6+14.6=SN AD1006: high-resolution continuum plus HI	20	2,3	3.83
AH1098	Hewitt, J. Williams, B. Reynolds, S. Petre, R. Ghavamian, P.	NASA NASA North Carolina NASA Towson Univ.	A New Epoch of EVLA Observations of Tycho's SNR: Proper Motions and More	20	20	1.96
AH1122	Hyman, S. Kassim, N. Cutchin, S. Lazio, J.	Sweet Briar Univ. NRL NRL JPL	Monitoring for Radio Transients in the Galactic Center with the Low-Band System	90	2,4	2.75
AH1125	Hunter, T. Brogan, C. Cyganowski, C.	NRAO-CV NRAO-CV CfA	Is G19.01-0.03 Really an Isolated Massive Protostar?	1.3,6	3	1.42
AH1127	Hallinan, G. Kulkarni, S. Frail, D. Horesh, A. Mooley, K. Anderson, M. Bourke, S. Myers, S.	Caltech Caltech NRAO-Socorro Caltech Caltech Caltech Caltech NRAO-Socorro	A 300 Square Degree VLA Transient Survey in Stripe 82	10	1,2,3,4,5,8, 9,14,15,17	44.32

VLA Utilization Report February 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AK837	Kulkarni, S. Horesh, A. Cenko, B. Corsi, A. Gal-Yam, A. Ofek, E. kasliwal, M. Cao, Y. Mooley, K.	Caltech Caltech NASA GW Univ. Weizmann Inst. Weizmann Inst. Carnegie Inst. Caltech Caltech	A Joint PTF-VLA Transient Program	0.7,1.3, 6,10	27	0.99
AL836	Lang, C. Mao, S. Moris, M. Brentjens, M. Law, C. Zweibel, E. Staguhn, J. Mills, E. Ott, J.	Iowa NRAO-Socorro Calif., Los Angeles ASTRON Calif., Berkeley Wiscon., Madison Maryland Calif., Los Angeles NRAO-Socorro	The Nature and Origin of the Galactic Center Radio Arc: A VLA Faraday Study	0.7,0.9, 3.6,6,10 ,20	1	1.25
AL845	Liu, H. Galvan-Madrid, R. Forbrich, J. Rodriguez, L. Sanchez, J. Yan, C. Hora, J. Michihiro, T. Zhang, Q. Chou, M. Ho, P.	ASIAA ESO CfA UNAM ASIAA ASIAA CfA ASIAA CfA ASIAA CfA	The Jet-Accretion Connection in Young Stellar Objects	2,3.6	1,2,3	6.27
AL854	Lacy, M. Hodge, J. Becker, R. White, R. Mao, M. Kimball, A. Helfand, D. Farrah, D.	NRAO-CV MPIA Calif., Davis STScI NRAO-Socorro NRAO-CV Columbis Cornell	A VLA survey of Lockman and ELAIS-N1 - Clues to the puzzle of galaxy formation	20	12,15,18,19	5.66
AL859	Lee, M. Stanimirovic, S. Murray, C. Heiles, C.	Wisc., Madison Wisc., Madison Wisc., Madison Calif., Berkeley	HI Envelopes of Molecular Clouds: Are They Shielding Layers for H2 Formation?	20	1,4,5,6,7,8, 9,10	13.68
AL868	Lim, J. Owen, J.	Hong Kong Toronto	Imaging the Photoevaporated Winds of Protoplanetary Disks	2	22	1.70
AL871	Lonsdale, C. Lonsdale, C. Lacy, M. Kimball, A. Blain, A. Condon, J.	NRAO-CV MIT NRAO-CV CSIRO Leicester NRAO-CV	Ka-band images at 400pc scales in 4 of the reddest, most obscured, quasars known	0.9	25	1.36
AL878	Lacy, M. Sajina, A. Petric, A. Mao, M. Kimball, A.	NRAO-CV Tufts Univ. Caltech NRAO-Socorro CSIRO	Radio morphologies and spectral indices of radio-quiet obscured quasars at z>2	0.9,3.6, 10,20	22,23,25	4.95

VLA Utilization Report February 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AM1224	Mesler, R. Pihlstrom, Y. Sarma, A. Sjouwerman, L.	UNM UNM DePaul Univ. NRAO-Socorro	Probing the Detailed Magnetic Fields in SNRs With Zeeman Splitting	20	6	5.48
AM1225	Motogi, K. Walsh, A. Honma, M. Hirota, T.	Yamaguchi Univ. James Cook Univ. NAO NAO	Q-band imaging of the remarkable blue-shift dominated jet in G353.273+0.641	0.7	18	2.29
AM1241	Montes, G. Carrasco-Gonzalez, C. Rodriguez, L. Ramirez-Ruiz, E.	IAA MPIfR UNAM California	Testing Particle Shock Acceleration in the Wind-Collision Region of WR 147	0.7,0.9, 1.3,2	24	1.90
AM1253	Matthews, L. Reid, M. Menten, K.	Haystack Obs. CfA MPIfR	Resolved Imaging of Radio Photospheres	0.7	22,23,24	11.35
AM1277	Maccarone, T. Miller-Jones, J. Russell, D.	Texas Curtin van Amsterdam	Pushing jet quenching measurements to the limit	3.6	20,21,22,23 ,24,28	8.86
AM1290	Melis, C.	Calif., San Diego	Preparing for a Planet Hunt around Fomalhaut C	6	14	0.92
AN164	Nyland, K. Wrobel, J.	NMT NRAO-Socorro	Resolving the Compact Emission in an Intermediate-Mass Black Hole Candidate	2	24,26	4.98
AN168	Nakanishi, K. Hanami, H. Ishigaki, T. White, G. Sergeant, S. Krumpe, M.	NAO Iwate Univ. Iwate Univ. Open Univ. Open Univ. ESO	Radio Continuum Observations on Star Formation Activities in AKARI LIRGs	20	25	0.57
AO299	Osorio, M. Carrasco-Gonzalez, C. Anglada, G. Gomez, J. Macias, E. Torrelles, J.	IAA UNAM IAA IAA IAA IEEC	A Double Gap and Signs of Planetary Formation in the Disk of HD 169142	0.7,0.9, 6	25,27	5.35
AP640	Perley, D. Hjorth, J. Malesani, D. Michalowski, M.	Caltech Copenhagen Copenhagen Edinburgh	The Dust-Unbiased Star-Formation Rates of GRB-Selected Star-Forming Galaxies	10	4	1.48
AP641	Perez, L. Carpenter, J. Isella, A.	NRAO-Socorro Caltech Caltech	Asymmetries and rings: Dust Trapping in Transitional Disks	0.7,3.6	2,3,9,11,13, 15,17	19.02
AP643	Pellizzoni, A. Govoni, F. Esposito, P. Murgia, M. Possenti, A.	INAF INAF INAF INAF INAF	High-Resolution Imaging of Radio Emission Associated to Geminga-like Pulsars	1.3,3.6, 6	22	1.00

VLA Utilization Report February 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AP650	Perez-Torres, M. Herrero-Illana, R. Alberdi, A. Matitila, S. Romero-Canizales, C. Ryder, S. Colina, L. Vaisanen, P.	IAA IAA IAA Turku Univ. IAA Australia Obs. CSIC South Africa	Unveiling the Hidden Population of SNe in Local Luminous Infrared Galaxies	3.6	20	0.99
AR835	Rigby, E. Rottgering, H. Hatch, N. Miley, G. Kurk, J. Dannerbauer, H. Pentericci, L. Venemans, B. Carilli, C. Bhatnagar, S. Breuck, C.	Leiden Leiden Nottingham Leiden MPE Univ. Wien INAF MPIA NRAO-Socorro NRAO-Socorro ESO	Understanding the formation and evolution of protoclusters: a pilot study	6	2,4	3.03
AR843	Rujopakarn, W. Egami, E. Ivison, R. Rieke, G. Clement, B. Nylan, K.	Univ. of Arizona Univ. of Arizona Univ. of Edinburgh Univ. of Arizona Univ. of Arizona NMT	Morphology of Star Formation in Luminous, z ~ 2 - 4 Strongly Lensed Galaxies	6	4,7,8,17	14.90
AR846	Rodriguez, L. Masque, J. Dzib, S. Loinard, L. Kurtz, S.	UNAM Barcelona UNAM UNAM UNAM	The Nature of the Enigmatic Compact Sources Projected Inside W3(OH) and NGC6334A	0.7,0.9, 1.3,2,.3 6	24,27	2.70
AR857	Reines, A. Greene, J. Darling, J. Condnon, J.	NRAO-CV Princeton Colo., Boulder NRAO-CV	A Radio Search for Massive Black Holes in Dwarf Galaxies	3.6	20,21,22,2 3,25,26	8.88
AS1163	Smolcic, V. Schinnerer, E. Karim, A. Scoville, N.	ESO MPIA MPIA Caltech	Deep 3GHz EVLA-COSMOS Survey: Confining Stellar Mass Growth through Cosmic	10	26,28	9.97
AS1197	Stanimirovic, S. Murray, C. Goss, M. Heiles, C.	Wisc., Madison Wisc., Madision NRAO-Socorro Calif., Berkeley	21-SPONGE: 21-cm Spectral line Observations of Neutral Gas with the EVLA	20	1,4,6,7,9,10 ,11,12,13	53.98
AS1219	Strader, J. Miller-Jones, J. Maccarone, T. Chomiuk, L. Sivakoff, G. Heinke, C. Seth, A. Noyola, E.	Michigan Curtin Texas Michigan Univ. of Alberta Univ. of Alberta Utah UNAM	The Comprehensive VLA Survey for Black Holes in Globular Clusters	6	2,11,12,15, 20,25	9.77

VLA Utilization Report February 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AS1226	Sajina, A. Lacy, M. Bustamante, A.	Tufts Univ. NRAO-CV Tufts Univ.	Constraining radio jet-driven feedback in young, dusty z~0.3-0.7 quasars	3.6,10	4,9,10	3.46
AS1226	Sajina, A. Lacy, M. Bustamante, A.	Tufts Univ. NRAO-CV Tufts Univ.	Constraining radio jet-driven feedback in young, dusty z~0.3-0.7 quasars	3.6,10	30,31	1.98
AS1249	Satyapal, S. Koju, R. Secrest, N. Cheung, T.	George Mason Unvi. George Mason Univ. George Mason Univ. NRAL	Pre-selecting Dual AGN Candidates using WISE: A Chandra and VLA Follow-up	3.6,6	20,25,27	4.95
AS1259	Satyapal, S. Secrest, N. Cheung, T.	George Mason Unvi. George Mason Univ. NRAL	Discovery of Obscured AGNs in Low Mass Bulgeless Galaxies? VLA follow-up	3.6,6	24,25,26	4.99
AT436	Tobin, J. Looney, L. Li, Z. Chandler, C. Kratter, K. Dunham, M. Sadavoy, S. Perez, L. Sergura-Cox, D. Melis, C.	NRAO-CV Urbana-Champaign UVa NRAO-Socorro Colo., Boulder Yale Univ. of Victoria NRAO-Socorro Urbana-Champaign Calif., San Diego	Characterizing Binary and Disk Formation in Young Protostellar Systems	0.9,6	21,22,24,25,28	13.85
AT441	Tozzi, P. Giovannini, G. Nonino, M. Donahue, M. Girardi, M. Postman, M. Rosati, P. Santos, J. Aravena, M.	INAF INAF INAF Michigan INAF STScI ESO ESO ESO	A systematic study of the AGN-radio feedback in the core of CLASH clusters	20	24,26	3.68
AW854	Wall, J. Condon, J. Vernstrom, T.	British Columbia NRAO-CV British Columbia	MicroJy Source Sizes and the Cosmological Evolution of Star Formation	10	3,8,11,13,14,15,17,18	26.52
AW857	Williams, P. Berger, E. Zauderer, B.	CfA CfA CfA	Decoding the Radio Emission Mechanism of Ultracool Dwarfs with Broadband Spectra	1.3,3.6,6,20	6	1.25
AW882	Wooten, H. Casassus, S. Dent, B. Pinte, C. Wright, C. Wilner, D. Cuadra, J. Cieza, L. Menard, F.	NRAO-CV Chile Chile Univ. of Exeter ADFA CfA Chile Hawaii., Manoa France	Build-up of protoplanetary core-accretion in the dust trap of HD 142527	0.9	8,18	2.94
AZ225	Zwaan, M. Kuntschner, H. Couch, W. Pracy, M.	ESO ESO Swinburne Swinburne	Resolving the neutral gas in gas-rich post-starburst galaxies	20	1	5.98

VLA Utilization Report February 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
BB337	Bower, G. Brunthaler, A. Deller, A.	Calif., Berkeley MPIfR ASTRON	Proper Motion of the Galactic Center Soft Gamma-Ray Repeater	2,3.6	22	6.04
S61420	Nelson, T. Chomiuk, L. Mukai, K.	Minnesota Michigan NASA	Constraining the ejected mass in fermi-detected novae with the VLA	20	24	2.70
S6407	Richards, J. Lister, M. Foschini, L. Savolainen, T. Homas, D. Kadler, M. Hovatta, T. Readhead, A. Arshakian, T. Chavushyan, V.	Purdue Purdue INAF MPIfR Denison Univ. of Wurazburg OVRO Caltech Univ. of Cologne Mexico	Radio and Optical Monitoring of Radio-Loud narrow-Line Seyefert 1 Galaxies	20	15	1.01
SE0824	Haggard, D. Yusef-Zadeh, F. Heinke, C. Roberts, D.	Northwestern Northwestern Univ. of Alberta Northwestern	Joint Chandra/XMM/EVLA Monitoring of the Gas Cloud G2 as it Encounters Sgr A*	20	21	7.35
SF0858	Jones, C. Bonafede, A. Churazov, E. Donahue, M. Goulding, A. Lawrence, D. Merten, J. Mroczkowski, T. Murray, S. Nulsen, P. Roediger, E. Rosati, P. Umetsu, K. van Weeren, R. Vikhlinin, A. Zitrin, A.	CfA Univ. of Hamburg MPIA Michigan CfA CfA Caltech Caltech Johns Hopkins CfA Hamburg ESO ASIAA CfA CfA Heidelberg	Clusters, Galaxies, and Agn in HST frontieer fields	20	22	5.98

VLA
Utilization Report
February, 2014

	Actual Hours	Percentage
Astronomy	444.80	67.50
Unscheduled	10.30	1.56
Maintenance	37.82	5.74
Test/Calc	162.84	24.71
Weather	3.22	0.49
Total	658.98	100.00

Average downtime measured in antenna hours was 2.84% of scheduled antenna hours, distributed as:

System	Percentage
Antenna Pads	23.21
Correlator	12.22
Cryogenics	4.13
Fiber Optics	1.17
Focus/Rotation	0.12
Front End	40.42
HVAC	0.09
LO/IF	3.15
Mechanical	0.59
Other	2.81
RFI	0.16
Servo	5.24
Software	6.23
Weather	0.46
Total	100.00

VLA Utilization Report January 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AA365	Aravena, M. Gonzalez, J. Postman, M. Anguita, T. Infante, L. Rosati, P. Tozzi, P.	ESO Chile STScI Chile Chile ESO INAF	A Deep 3 GHz Imaging Survey Of The CLASH Galaxy Clusters	10	25,26	15.95
AB1448	Blomme, R. Rauw, G. Volpi, D. Naze, Y. Prinja, R.	Obs. De Belgique Liege Obs. De Belgique Liege London	The Colliding Winds of the Massive Early-Type Binary 9 Sgr	3.6,6,20	17	0.48
AB1456	Babui, A. Bonafede, A. Sommer, M. Basu, K. Bertoldi, F. Klein, U. Dolag, K. Bruggen, M Nagarajan, A.	Univ. of Victoria Jacobs. Univ. Bonn Bonn Bonn Bonn MPA Jacobs Univ. Bonn	A census of radio haloes in Planck-SZ selected galaxy clusters	20	1,12,19,20	2.31
AB1450	Braatz, J. Condon, J. Henkel, C. Lo, K.Y Reid, M. Kuo, C. Impelellizzeri, V. Green, J. Constanting, A. Gao, F. Zhao, W. Wagner, J. Litzinger, E.	NRAO-CV NRAO-CV MPIfR NRAO-CV CfA UVa NRAO-CV Princeton James Madison Univ. NRAO-CV Shangahi Obs. MPIfR Univ. of Wuerzburg	The Megamaser Cosmology Project. VI	1.3	25	2.99
AB1471	Bigiel, F. Chicharro, R. Ott, J. Walter, F. De Blok, E. Brinks, E. Kerp, J. Pisano. D.J. Chakrabarti, S. Faridani, S. Wang, H.	Heidelberg Heidelberg NRAO-Socorro MPIA ASTRON Hertfordshire Bonn West Virginia Florida Bonn ASIAA	THINGS XXL: Studying the Super-Extended HI Disk in the Nearby Disk Galaxy M83	20	29,31	5.61
AB1472	Barrett, P. Boboltz, D. Dieck, C. Beasley, A. Singh, K. Godon, P. Mason, P.	GW Univ. USNO USNO NRAO-CV TIFR Villanova Univ. NMSU	A Search for Radio-Loud Magnetic Cataclysmic Variables	1.3,3.6, 6	6,17,18	2.93
AB1473	Beasley, A. Bastian. T.	NRAO-CV NRAO-CV	VLBA Observations of CU Vir (VLA Request)	6,10,20	14	1.96

VLA Utilization Report January 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AB1480	Berger, E. Zauderer, B. Laskar, T. Fong. W. Soderberg, A. Menten, K. Nakar, E. Metzger, B. Chornock, R. Margutti, R. Chakraborti, S. Sari, R.	CfA CfA CfA CfA CfA MPIfR Tel Aviv Univ. Princeton CfA CfA CfA Hebrew Univ.	New Insights on Gamma-Ray Bursts with the JVLA - Extension of 13A-046	1.3,6	1	2.08
AC1098	Corsi, A. Ofek, E. Frail, D. Gal-Yam, A. Kulkarni, S. Arcavi, I. Mazzali, P.	Caltech Caltech NRAO-Socorro Weizmann Inst. Caltech Weizmann Inst. MPA	Radio follow-up of "exotic" Ic SNe discovered by PTF	2,6,10	10,20	3.71
AC1111	Carilli, C. Wagg, J. Walter, F. Riechers, D. Cox. P. Lentati, L. Maiolino, R. McMahon, R. Andreani, P. Wolfe, A.	NRAO-Socorro ESO MPIA Cornell IRAM Cambridge INAF Cambridge ESO Calif., San Diego	Anatomy of massive galaxy and SMH formation	0.7	18,19,21,23 ,24,30	19.12
AC1144	Chandra, P. Chevalier, R. Soderberg, A. Fransson, C. Chugai, N.	TIFR UVa CfA Stockholm Moscow	Radio followup observations of radio and X-ray bright Type IIn supernova 2006jd	1.3,3.6, 6,20	30	2.99
AC1129	Corsi, A Kulkarni. S. Cenko, B. Perley, D. Frail, D. Soribas, E. Dhuga, K.	GW Univ. Caltech Calif., Berkeley Caltech NRAO-Socorro Adiyaman Univ. GW Univ.	Probing the composition of GRB jets with JVLA: a quest for reverse shocks	0.7,1.3, 3.6,6	15,17,22,30	5.04
AC1145	Chandra, P. Chevalier, R. Soderberg, A. Chugai, N. Fransson, C. Fox, O.	TIFR UVa CfA Moscow Stockholm Calif., Berkeley	A search for radio emission in Type IIn supernovae	1.3	23,24	0.87
AC1160	Casassus, S. Menard, F. Wright, C.	Chile Obs. De Grenoble ADFA	This is a blank proposal created on Friday February 1, 2013	0.9,1.3, 2	25,26,27,28	4.92
AD671	de Pater, I. Sault, R. Butler, B.	Calif., Berkeley Unvi. of Melbourne NRAO-Socorro	Longitude Resolved Maps of Jupiter's Radio Emisssion	2,3.6,6, 10,20	9	9.78

VLA Utilization Report January 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AD674	Datta, A. Burns, J. Skillman, S. Clarke, T. Intema, H. Hallman, E.	NASA Colo., Boulder Colo., Boulder NRL NRAO-Socorro Tech-X Corp.	Sensitive Radio Observations of Relics in Galaxy Clusters	90	1,6	3.55
AD691	Deller, A. Moldon, J. Miller-Jones, J. Archibald, A. Hessels, J.	ASTRON ASTRON Curtin ASTRON ASTRON	Characterizing the compact jet in the J1023+0038 pulsar/X-ray binary system	2,3.6,6, 20	7,17,22,31	5.15
AG902	Greiner, J. Hunt, L. Michalowski, M. Palazzi, E. Savaglio, S. Kruehler, T. Rossi, A.	MPE INAF Edinburgh INAF MPE Copenhagen Tatenburg	Probing star-formation in the most massive gamma-ray burst host galaxies	10,20	21	0.75
AG908	Gupta, N. Srianand, R. Momjian, E. Petitjean, P. Noterdaeme, P.	ASTRON India NRAO-Socorro Obs. de Paris Obs. de Paris	Molecular absorption line search in the 21-cm absorber with 2175 Angstrom bump	0.7,0.9	17,19,22,29	7.64
AG911	Godfrey, L. Soria, R.	Curtin Curtin	AGN Jet Stability, Dynamics and Energy Transport: Periodic structure in 4C+47.51	1.3,3.6, 6,20	1	0.92
AH1109	Harrison, C. Alexander, D. Edge, A. Hogan, M. Mullaney, J.	Durham Durham Durham Durham Durham	Are radio jets driving high velocity outflows in obscured quasars?	6,20	8	1.33
AH1110	Harcastle, M. Morganti, R. Croston, J. Harwood, J. Orru, E. Heesen, V. de Gasperion, F.	Hertfordshire ASTRON Southampton Hertfordshire Nijmegen Southampton Hamburg	Low-frequency spectral curvature in radio galaxies: LOFAR targets at P-band	90	20	3.69
AH1113	Helmboldt, J. Lane, W. Kassim, N. Clarke, T. Condon, J. Cotton, W. Perley, R.	NRL NRL NRL NRL NRAO-CV NRAO-CV NRAO-Socorro	Survey and Transient-search Development for the New VLA P-band System	90	6	1.77
AH1122	Hyman, S. Kassim, N. Cutchin, S. Lazio, J.	Sweet Briar Univ. NRL NRL JPL	Monitoring for Radio Transients in the Galactic Center with the Low-Band System	90	12,24	2.33

VLA Utilization Report January 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AH1127	Hallinan, G. Kulkarni, S. Frail, D. Horesh, A. Mooley, K. Anderson, M. Bourke, S. Myers, S.	Caltech Caltech NRAO-Socorro Caltech Caltech Caltech Caltech NRAO-Socorro	A 300 Square Degree VLA Transient Survey in Stripe 82	10	1,7,10,11,12,13,14,15,18,19,20,26,28	45.16
AH1145	Horesh, A. Kulkarni, S.	Caltech Caltech	VLA Observations of a Newly Discovered Swift Tidal Disruption Event Candidate	0.7,0.9,1.3,2,3.6,6	9	2.97
AH1146	Horesh, A. Gal-Yam. A. Yaron, O.	Caltech Weizmann Inst. Weismann Inst.	Radio Observation of iPTF13dqy - A Probe of Pre-explosion Massive Star Evolution	1.3,6	18	0.99
AI170	Ivison, R. Eales, S. Gonzalez-Nuevo. J. Dunne, L. Dye, S. Negrello, M. Serjeant, S. Riechers, D. Bussmann, R.	Edinburgh Univ. of Cardiff Spain Nottingham Nottingham INAF Open Univ. Cornell CfA	TLS: the Thousand Lens Sample	6	1,3	6.43
AI174	Ibar, E. Thomson, A. Ivison, R. Hardcastle, M. Eales, S. Jarvis, M. Heywood, I. Bauer, F. van der Werf, P. Leeuw, L.	Chile Edinburgh Edinburgh Hertfordshire Cardiff Oxford Oxford STScI Leiden NASA	VLA survey of low-z H-ATLAS/GAMA galaxies	2,3.6,6,10	16,20	1.48
AK809	Keeney, B. Stocke, J. Carilli, C. Rosenberg, J.	Colo., Boulder Colo., Boulder NRAO-Socorro George Mason Unvi.	Studying the H I Content of a Galaxy Group Associated with Metal-Line Absorption	20	1	5.62
AK824	Kimball, A. Lonsdale, C. Lacy, M. Condon, J.	NRAO-CV NRAO-CV NRAO-CV NRAO-CV	Star formation and radio jet activity in the most luminous QSOs in the Universe	3.6,10	10,14	0.99
AL836	Lang, C. Mao, S. Moris, M. Brentjens, M. Law, C. Zweibel, E. Staguhn, J. Mills, E. Ott, J.	Iowa NRAO-Socorro Calif., Los Angeles ASTRON Calif., Berkeley Wiscon., Madison Maryland Calif., Los Angeles NRAO-Socorro	The Nature and Origin of the Galactic Center Radio Arc: A VLA Faraday Study	0.7,0.9,3.6,6,10,20	20	2.24

VLA Utilization Report January 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AL859	Lee, M. Stanimirovic, S. Murray, C. Heiles, C.	Wisc., Madison Wisc., Madison Wisc., Madison Calif., Berkeley	HI Envelopes of Molecular Clouds: Are They Shielding Layers for H2 Formation?	20	26,30	2.25
AL860	Lynch, C. Mutel, R. Guedel, M. Abbuhl, E. Hallinan, G.	Iowa Iowa Univ. of Vienna Iowa Caltech	Understanding the Pulsed Emission of Ultracool Dwarf 2MASS J0746426+200032	3.6,6,10	10	5.78
AL844	Law, C. Bower, G. Cutchin, S. Faucher-Giguere, C. Kassim, N. Rubio-Herrera, E. Rupen, M.	Calif., Berkeley Calif., Berkeley NRL Calif., Berkeley NRL UNAM NRAO-Socorro	Finding the Missing Baryons with Dispersion of Transients in M31	90	8,10,16,17, 18,19,2021	9.22
AL845	Liu, H. Galvan-Madrid, R. Forbrich, J. Rodriguez, L. Sanchez, J. Yan, C. Hora, J. Michihiro, T. Zhang, Q. Chou, M. Ho, P.	ASIAA ESO CfA UNAM ASIAA ASIAA CfA ASIAA CfA ASIAA CfA	The Jet-Accretion Connection in Young Stellar Objects	2,3.6	25,29	1.75
AL885	Law, C. Spolaor, S. Bower, G. Rupen. M. Butler, B. Siemion, A. VanderWiel, S. Lazio, J. Mattmann, C.	Calif., Berkeley JPL Calif., Berkeley NRAO-Socorro NRAO-Socorro Calif., Berkeley LANL JPL JPL	Interferometric Localization of Cosmological Millisecond Transients	20	1,3,4,5,6,11 ,12,13,14	17.99
AM1199	Menten, K. Wyrowski, F. Brunthaler, A. Carrasco, Gonzalez, C. Ott, J. Csengeri, T. Reid, M. Pandian, J. Claussen, M. Hofner, P. Beuther, H. Urquhart, J.	MPIfR MPIfR MPIfR MPIfR NRAO-Socorro MPIfR CfA Hawaii., Manoa NRAO-Socorro NMT MPIA ATNF	A comprehensive Galactic plane radio wavelength star formation survey	6	4,5,10,26,3 1	26.94
AM1204	Mao, S. Kepley, A. Zweibel, E. Gallagher, J. Stanimirovic, S. Robishaw, T.	NRAO-Socorro UVa Wiscon., Madison Wiscon., Madison Wiscon., Madison Canada	Mapping the Magnetic Field Structure in the Interacting Antennae Galaxies	6,10,20	26,28,29,30	6.79

VLA Utilization Report January 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AM1228	Mangum, J. Darling, J. Menten, K. Henkel, C. Smullen, R.	NRAO-Socorro Colo., Boulder MPIfR MPIfR Wyoming	Imaging the Spatial Density within NGC253 and NGC3079	6	24	1.99
AM1232	Middleton, M. Miller-Jones, J. Markoff, S. Fender, R. Henze, M. Roberts, T. Scaife, A. Hurley-Walker, N. Carpenter, J. Haberl, F. Gandhi, P. Ghrels, N. Walton, D. Dickinson, H. Woudt, P.	Durham Curtin van Amsterdam Southampton MPE Durham Southampton Western Australia Caltech MPE JAXA NASA Caltech Stockholm Cape Town	Probing disc-jet coupling in extragalactic micro-quasars	1.3,6	2,4,5,6	6.81
AM1233	Masters, K. Hess, K. Athanassoula, E. Lintott, C. Melvin, T. Schawinski, K. Skibba, R. Willlett, K. Wong, I.	Portsmouth Cape Town OAMP Oxford Portsmouth Zurich Calif., San Diego Minnesota CSIRO	Gas Morphology and Dynamics in Strongly Barred Galaxies	20	7,8,9,11,13, 14,15,16,18	28.07
AM1237	Monnier, J. Tuthill, P. Danchi, W. Greenhill, L.	Mich., Ann Arbor Sydney NASA CfA	Orbital Period and the Fundamental Parameters of Colliding Wind WR 112	3.6	13	0.97
AM1239	Mutel, R. Lynch, C. Hallinan, G. Guedel, M. Abbuhl, E.	Iowa Iowa Caltech Univ. of Vienna Iowa	A search for thermal gyrosynchrotron emission from hot stellar coronae	0.7,0.9, 1.3,2	7,8	3.99
AM1240	Myers, S.	NRAO-Socorro	Continuation of the 6-GHz COSMOS Synoptic Survey	6	15,21	1.92
AM1291	Middleton, M. Miller-Jones, J. Fender, R.	van Amsterdam Curtin Southampton	Discovering a new microquasar in M31: the doorway to understanding jet launching	1.3,6	10	1.00

VLA Utilization Report January 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AN161	Nakanishi, K. Hanami, H. Hatsukade, B. Ishigaki, T. White, G. Fujishiro, N. Serjeant, S. Matsuhara, H. Miyahi, T. Takagi, T. Oyabu, S. Wada, T. Krupmpe, M.	NAO Iwate Univ. Kyoto Univ. Iwate Univ. Open Univ. JAXA Open Unvi. JAXA Calif., San Diego JAXA Nagoya Univ. JAXA ESO	Radio Observations for Star-Formation and AGN Activities in LIRGs up to z=2	20	5,6	0.94
AO295	Ohta, K. Seko, A. Hatsukade, B. Yabe, K.	Kyoto Univ. Kyoto Univ. Kyoto Univ. Japan	A Forming Elliptical Galaxy at z=1.4 under Multi-merging	0.7	2,7,12	5.76
AO296	Osorio, M. Carrasco-Gonzalez, C. Anglada, G. Gomez, J. Macias, E. Torrelles, J.	IAA MPIfR IAA IAA IAA IEEC	Substructure in the 7 mm emission of the protoplanetary disk of HD 169142	0.7	25	2.97
AO297	Osten. R. Bastian, T.	STScI NRAO-CV	Dynamic Spectroscopy of Stellar Radio Bursts	10,20	11	5.07
AP640	Perley, D. Hjorth, J. Malesani, D. Michalowski, M. Tanvir, N. Levan, A. Perley, R. Jakobsson, P. Kruhler, T.	Caltech Copenhagen Copenhagen Edinburgh Leicester Univ. of Warwick NRAO-Socorro Univ. of Iceland Copenhagen	The Dust-Unbiased Star-Formation Rates of GRB-Selected Star-Forming Galaxies	10	2,10,27,29, 30	13.84
AP641	Perez, L. Carpenter, J. Isella, A. Chandler, C.	NRAO-Socorro Caltech Caltech NRAO-Socorro	Asymmetries and rings: Dust Trapping in Transitional Disks	0.7,3.6	7,9,19,27,2 9	12.65
AR832	Riechers, D. Ivison, R. Bradford, C. Chapman, S. Clements, D. Conley, A. Cooray, A. Dowell, D. Fu, H. Omont, A. Perez-Fournon, I. Wardlow, J.	Cornell Edinburgh JPL Cambridge Colo., Boulder Calif., Irvine Caltech Caltech Caltech Obs. de Paris IAC Calif., Irvine	Detailed Molecular Gas Properties of the Most Distant Massive Starburst Galaxy	0.9	25	3.99
AR843	Rujopakarn, W. Egami, E. Ivison, R. Rieke, G. Clement, B. Nylan, K.	Univ. of Arizona Univ. of Arizona Univ. of Edinburgh Univ. of Arizona Univ. of Arizona NMT	Morphology of Star Formation in Luminous, z ~ 2 - 4 Strongly Lensed Galaxies	6	31	3.75

VLA Utilization Report January 2014

Progm	Observer	Affiliation	Program Title.	Bands cm	Observing Date	Sched Hours
AR844	Rodriguez, L Zapata, L. Loinard, L. Ortiz, G. Dzib, S.	UNAM UNAM UNAM UNAM UNAM	Are the sub-mm cavities in transitional disks true or apparent?	3.6	5,11	1.94
AS1197	Stanimirovic, S. Murray, C. Goss, M. Heiles, C. Dickey, J Begum, A. Hennebelle, P.	Wisc., Madison Wisc., Madision NRAO-Socorro Calif., Berkeley Tasmania Wisc., Madison Obs. de Paris	21-SPONGE: 21-cm Spectral line Observations of Neutral Gas with the EVLA	20	5,12,13,14, 15,16,17,18 ,19,20,21,2 2,23	20.32
AS1208	Soderberg, A. Chevalier, R. Fransson. C. Nakar, E. Bietenholz, M. Bartel, N. Brunthaler, A. Chomiuk, L. Hamuy, M. Pignata, G. Pain, E. Mazzali, P. Ray, A. Chakraborti, S. Levesque, E. MacFadyen, A. Dittmann, J. Katz, B.	CfA UVa Stockholm Tel Aviv Univ. Hartebeesthoek Obs. York Univ. MPIfR CfA Chile Chile INA MPA TIRF TIRF Hawaii., Manoa New York Univ. CfA IAS	The Diversity of SNe Ibc and the Nature of the GRB-SN Connection	1.3,3.6, 6,20	4,11,13,27, 29,31	9.36
AS1214	Sokoloski, J. Rupen, M. Chomiuk, L Weston, J. Mioduszewski, A, Krauss, M . Roy, N. Williams, B. Eyres, S. Bode, M. O'Brien, T. Nelson, T. Mukai, K	Columbia NRAO-Socorro CfA Columbia NRAO-Socorro NRAO-Socorro NRAO-Socorro STScI Central Lancashire John Moores Jodrell Bank Minnesota NASA	The E-Nova Project: Early Radio Light Curves for a Diverse Sample of Novae	0.9,1.3, 3.6,6,2	9,10	1.70
AS1226	Sajina, A. Lacy, M. Bustamante, A.	Tufts Univ. NRAO-CV Tufts Univ.	Constraining radio jet-driven feedback in young, dusty z~0.3-0.7 quasars	3.6,10	30,31	1.98

VLA Utilization Report January 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AS1227	Sheth, K. Balser, D. Goss, M. Kepley, A. Kohno, K. Lundgren. A. Meyer, J. Munoz-Mateos, J. Regan, M. Roshi, A. Schinnerer, E. Scott, K. Vogel, S. Wiklind, T. Fathi, K.	NRAO-CV NRAO-CV NRAO-Socorro NRAO-CV Tokyo ESO New York., Stony Brook NRAO-CV STScI NRAO-CV MPIA NRAO-CV Maryland ALMA Stockholm Univ.	Origin of gas in the oldest gaseous debris disk around HD21997	0.9,6,20	27,30,31	5.98
AT409	Trinidad, M. Neria, C.	Guanjuato Univ. Guanjuato Univ.	OH, Methanol and Water Masers toward High-mass Star-Forming Regions	1.3,6,20	10,20	3.71
AV356	van Gorkom, J. Fernandez, X. Schiminovich, D. Hess, K. Momjian, E. Pisano, D.J. Hunt, L. Chomiuk, L. Wilcots, E. Henning, T. Kreckel, K. Oosterloo, T. Verheijen, M. Yun, M. Hibbard, J. Scoville, N. van de Weygaert, R. Popping, A. Lazio, J. Chung, A. Meyer, M. Hendel, D. Wicenec, A. Joung, M. Sorgho, A. Bershady, M.	Columbia Columbia Columbia Cape Town NRAO-Socorro West Virginia West Virginia Michigan Wisc., Madison UNM MPIA ASTRON Kapteyn Inst. Mass., Amherst NRAO-CV Caltech Kapteyn Inst. India JPL Yonsei Univ. Western Australia Columbia Western Australia Columbia Cape Town Wis., Madison	CHILES, the COSMOS HI Large Extragalactic Survey	20	2,5,6,8,12, 15,16,17,1 8,19,20,21	37.33
AW853	Wilson, T. Boboltz, D.	NRL NRL	Proper Motions of Continuum Sources in W3-IRS5	0.7,1.3	27,28	1.23

VLA Utilization Report January 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
AW857	Williams, P. Berger, E. Zauderer, B.	CfA CfA CfA	Decoding the Radio Emission Mechanism of Ultracool Dwarfs with Broadband Spectra	1.3,3.6, 6,20	4,8,28	3.45
AZ211	Zauderer, B. Berger, E. Brunthaler, A. Soderberg, A. Bietenholz, M. Pooley, G. Rupen, M. Sari, R. Scherbakov. R. Chakraborti, S.	CfA CfA MPIfR CfA York Univ. Cambridge NRAO-Socorro Hebrew Univ. Maryland TIFR	Continued Monitoring of the Relativistic Outflow from a Tidal Disruption Event	0.9,1.3, 6,20	17,20	4.38
AZ225	Zwaan, M. Kuntschner, H. Couch, W. Pracy, M.	ESO ESO Swinburne Swinburne	Resolving the neutral gas in gas-rich post-starburst galaxies	20	26	5.99
BB321	Braatz, J. Condon, J. Henkel, C. Lo, K.Y Reid, M. Kuo, C. Impellizzeri, V. Greene, J. Constantin, A. Gao, F. Zhao, W. Wagner, J. Litzinger, E	NRAO-CV NRAO-CV MPIfR NRAO-CV CfA UVa NRAO-CV Princeton James Madison NRAO-CV Shanghai Obs. MPIfR Univ. of Wuerzburg	The Megamaser Cosmology Project. VI	1.3	3,4,12,13,16,23	35.92
BB337	Bower, G. Brunthaler, A. Deller, A. Demorest, P. Eatough, R. Falcke, H.	Calif., Berkeley MPIfR ASTRON NRAO-CV MPIfR Nijmegen	Proper Motion of the Galactic Center Soft Gamma-Ray Repeater 1745-29	2,3.6	1	5.62
S50386	Cenko, S. Bloom, J. Chandra, P. Filippeko, A. Frail, D. Harrison, F. Kulkarni, S. Perley, D. Prochaska, J. Rana, V.	Calif., Berkeley Calif., Berkeley RMCC Calif., Berkeley NRAO-Socorro Caltech Caltech Caltech Calif., Santa Cruz Caltech	Afterglows, Redshifts, and calorimetry of fermi gamma-ray burst blazars	20	1	1.85

VLA Utilization Report January 2014

Progm	Observer	Affiliation	Program Title	Bands cm	Observing Date	Sched Hours
SF0858	Jones, C.	CfA	Clusters, Galaxies, and	20	25	1.00
	Bonafede, A.	Univ. of Hamburg	Agn in HST frontieer fields			
	Churazov, E.	MPIA				
	Donahue, M.	Michigan				
	Goulding, A.	CfA				
	Lawrence, D.	CfA				
	Merten, J.	Caltech				
	Mroczkowski, T.	Caltech				
	Murray, S.	Johns Hopkins				
	Nulsen, P.	CfA				
	Roediger, E.	Hamburg				
	Rosati, P.	ESO				
	Umetsu, K.	ASIAA				
	van Weeren, R.	CfA				
	Vikhlinin, A.	CfA				
	Zitrin, A.	Heidelberg				

VLA
Utilization Report
January, 2014

	Actual Hours	Percentage
Astronomy	504.13	70.27
Unscheduled	10.45	1.46
Maintenance	46.30	6.45
Test/Calc	152.01	21.19
Weather	4.55	0.63
Total	717.44	100.00

Average downtime measured in antenna hours was 5.00% of scheduled antenna hours, distributed as:

System	Percentage
Antenna Pads	8.50
Correlator	7.22
Cryogenics	4.41
Fiber Optics	0.17
Focus/Rotation	0.24
Front End	34.24
LO/IF	4.54
Other	6.52
Recommissioning	5.98
RFI	2.82
Servo	3.62
Site Power	0.11
Software	20.89
Weather	0.74
Total	100.00