

### Additional Thoughts

Questions - Comments [eMail Me](#) I will respond..

### Dragons Of Babel



by : [Stephan Martiniere](#)

### History of SETI Projects

Based on data compiled by Jill Tarter of the SETI Institute

Date	Investigator(s)	Location	Antenna Diameter (m)	Search Freq (Hz)	Reso (Hz)
1960	Drake	Green Bank	26	1420 M	100
1963-64	Kardashev, Shklovskii	Claremont Deep Space Station	16 x 8 ant.	923 M	10 M
1966	Kellerman	Parkes	64	350-5,000 M	full band
1968-69	Troitskii, Rakhlin, Gershtejn, Starodubstev	Zimienkie	5	926-8, 1421-3 M	13
1968-82	Troitskii	Gorky	dipole	1, 1.875, 3.75, 10 G	
1969-83	Troitskii, Bondar, Starodubstev	Gorky, Crimea, Murmansk, Primorskij	dipoles	600, 927, 1863 M	
1970-72	Slysh, Pashchenko, Rudnitskii, Lekht	Nancay	40 x 240 antennas	1665, 1667 M	4 k
1970-72	Slysh	Nancay	40 x 240 antennas	1665, 1667 M	4 k
1971, 1972	Verschuur	Green Bank	91, 43	1420-1, 1410-30 M	490, 1 k
1972	Kardashev, Popov, Soglasnov, et al	Crimea, RT-22	22	8570 M	
1972-74	Kardashev,	Caucasus,	38, 60	371, 408,	5 M

	Gindilis, Popov, Soglasnov, Spangenburg, et al	Pamir, Kamchatka, Mars 7		458, 535 M	
1972-76	Zuckerman, Palmer	Green Bank	91	1413-25, 1420-1 M	6.4x1 4 k
1972-6	Bridle, Feldman	Algonquin	46	22,235 M	30 k
1973-74	Shvartsman, et al	Special Astrophys. Observatory, MANIA	0.6	optical	
1973-1998	Dixon, Ehman, Raub, Kraus	Ohio State	53	1420 M	10 k,
1974	Wishnia	Copernicus	1	UV	
1975	Drake, Sagan	Arecibo	305	1420, 1667, 2380 M	1 k
1975-79	Israel, de Ruiter	WRST	1500	1415 M	4x10
1976	Wielebinski, Seiradakis	Max Planck Institute	100	1420 M	20 M
1976	Black, Cuzzi, Clark, Tarter	Green Bank	43	8522-3 M	5
1977	Black, Cuzzi, Clark, Tarter	Green Bank	91	1665, 1667 M	5
1977	Drake, Stull	Arecibo	305	1664-8 M	0.5
1978	Shvartsman, et al	Special Astrophys. Observatory, MANIA	6	optical	
1978	Horowitz	Arecibo	305	1420 M	0.015
1978	Cohen,	Arecibo, HRO,	305, 36, 64	1665-7,	9.5 k,

	Malkan, Dickey	Parkes		22235, 1612M	k, 4.5
1978	Knowles, Sullivan	Arecibo	305	130-500 M	1
1978	Makovetskij, Gindilis, et al	Zelenchukskaya, RATAN-600	7.4x450		
1978-80	Harris	Pioneer Venus, Venera 11 and 12		20 keV - 1 MeV	
1979	Cole, Ekers	Parkes	64	5000 M	10 M M
1979	Freitas, Valdes	Leuschner Observatory	0.76	optical	
1979-81	Tarter, Clark, Cuquet, Lesyna	Arecibo	305	1420, 1666 M	5, 60
1979-85	Bowyer et al	Hat Creek	26	917-937, 1410-30, 1602-5 M, etc	2x500
1980	Witteborn	NASA-Univ. of Arizona, Mt Lemon	1.5	infrared	
1980-81	Suchkin, Tokarev, et al	Nirfi, Gorkii, Gaish, Moscow		9.3 M	1.5 k
1981	Lord, O'Dea	Univ. of Mass.	14	115 G	20 k, k
1981	Israel, Tarter	WRST	3000 max. baseline	1420 M	4 M, M
1981-82	Biraud, Tarter	Nancay	40x240	1420 M, 1665-7 M	49
1981	Shostak, Tarter	WRST	3000 max. baseline	1420 M	1.2 k
1981	Talent	Kitt Peak	2.1	optical	

1981-2	Valdes, Freitas	Kitt Peak	0.61	optical	
1982	Horowitz, Teague,Linscott, Chen, Backus	Arecibo	305	2841 M / 1420 M	0.03
1982	Vallee, Simard- Normandin	Algonquin	46	10522 M	185 M
1983-85	Horowitz	Oak Ridge	26	1420 M, 1667 M	0.03
1983	Damashek	Green Bank	92	390 M	2x10
1983	Valdes, Freitas	Hat Creek	26	1516 M	4.9 k k
1983	Gulkis	DSS 43	64	8 G, 2380 M	40 k
1983-88	Gray	Small SETI Observatory	4	1419-1421 M	1-40
1983-4	Cullers	AMSETI	2	1420, <1000 M	
1983-8	Stephens	Hay River, NWT	two 18x18	1415-25 M	30 k
1984	Slysh	satellite radiometer		37 G	400 M
1985-95	Horowitz	Oak Ridge	26	1420, 1665, 1667, 2841 M	0.05
1986-88	Bowyer, Wertheimer, Lampton	Green Bank	92	400-3,500 M	1
1986	Mirabel	Green Bank	43	4,830 M	76
1986	Betz	Mount Wilson	1.65	infrared	3.5 M

1986-	Colomb, Martin, Lemarchand	Argentina	30	1415, 1425, 1667 M	2.5 k
1987	Tarter, Kardashev, Slysh	VLA	26 x 9 ant.	1,612 M	6.1 k
1987	Gray	Oak Ridge	26	1,420 M	0.05
1988	Bania, Rood	Green Bank	43	8,665 M	305
1990	Colomb et al.	Argentina	30	1,420 M	0.05
1990	Blair et al.	Parkes	64	4,462 M	100
1990	Gray	Oak Ridge	26	1,420 M	0.05
1990-	Kingsley	Bexley, Ohio	0.25	optical	
1992	NASA Ames	Arecibo	305	1.3-2.4 G	1, 7, 2
1992	JPL	Goldstone	26, 34	1.7 G, 8.3-8.7 G	30
1992-96	Bowyer, Wertheimer, Donnelly	Arecibo	305	423-435 M	0.6
1993	Steffes, Deboer	NRAO/Tucson	12	203 G	32
1995-	SETI Institute	Parkes-Mopra / Arecibo / Jodrell Bank	64 / 305 / 76	1.2-3 G	1
1995	Gray	VLA	26	1,420 M	381, 4 k
1995	Beskin	Special Astrophysical Observatory	6	optical	
1995	Mauersberger, Wilson, Rood, Bania,	RAM	30	203 G	9.7 k

	Hein, Linhart				
1995-99	Horowitz, et al	Oak Ridge	26	1.4-1.7 G	0.5
1996	Blair, Zadnik	Perth, Australia	0.64	optical	
1997-	Wertheimer, et al.	Arecibo	305	1.32-1.52 G	0.6
1998-	SETI League	amateur dishes (up to 5000)	3-5	1.42 G	10
1998-	Stootman, et al.	Parkes	64	0.6	1,418 1,420
1999-	Wertheimer	Leuschner	0.76	optical	
1999-	Marcy	Lick and Keck	4 and 10	optical	
1999-	Horowitz	Harvard Smithsonian	1.55	optical	
1999-	Montebugno	Medicina	32	1,415-1,425 M; 4,255- 4,256 M	0.6
1999-	Wertheimer, Anderson	Arecibo	305	1.419-1.421 G	0.1