

Table 1: Summary of GRS cloud parameters and BGPS source associations.

GRS Cloud Name	GRS V_{LSR} (km s ⁻¹)	GRS D (kpc)	BGPS Source ID	BGPS l (°)	BGPS b (°)
G037.69+00.09	84.10	6.70	5878	37.86	0.14
G037.69+00.09	84.10	6.70	5889	38.04	0.08
G037.69+00.09	84.10	6.70	5893	38.10	-0.08
G037.69+00.09	84.10	6.70	5908	38.35	-0.21
G037.69+00.09	84.10	6.70	5910	38.37	-0.15
G037.74-00.06	86.65	6.70	5880	37.89	-0.10
G037.74-00.06	86.65	6.70	5883	37.92	-0.09
G037.74-00.06	86.65	6.70	5886	37.99	0.01
G037.74-00.06	86.65	6.70	5887	38.02	-0.01
G037.74-00.06	86.65	6.70	5888	38.03	-0.01
G037.74-00.06	86.65	6.70	5890	38.04	-0.04
G037.74-00.06	86.65	6.70	5892	38.10	-0.06
G037.74-00.06	86.65	6.70	5894	38.12	-0.23
G037.74-00.06	86.65	6.70	5895	38.16	-0.05
G037.74-00.06	86.65	6.70	5896	38.16	-0.08
G037.74-00.06	86.65	6.70	5899	38.20	-0.07
G037.84-00.41	64.97	9.05	5881	37.91	-0.34
G037.89-00.41	61.15	9.32	5879	37.88	-0.40
G037.89-00.41	61.15	9.32	5882	37.91	-0.40
G038.04+00.19	42.87	2.80	5884	37.97	0.00
G038.19-00.16	62.85	4.22	5891	38.04	-0.30
G038.19-00.16	62.85	4.22	5897	38.19	-0.15
G038.19-00.16	62.85	4.22	5898	38.20	-0.16
G038.24-00.16	65.40	8.93	5900	38.24	-0.13
G038.24-00.16	65.40	8.93	5905	38.31	-0.21
G038.24-00.16	65.40	8.93	5906	38.33	-0.22
G038.24-00.16	65.40	8.93	5913	38.41	-0.16
G038.24-00.16	65.40	8.93	5917	38.48	-0.24
G038.49+00.14	17.36	1.27	5912	38.40	0.14
G038.49+00.14	17.36	1.27	5918	38.52	0.18
G038.49+00.14	17.36	1.27	5919	38.55	0.16
G038.49+00.14	17.36	1.27	5930	38.68	0.19
G038.49+00.14	17.36	1.27	5937	38.76	0.15
G038.49+00.14	17.36	1.27	5939	38.78	0.10
G038.49+00.14	17.36	1.27	5940	38.81	0.10
G038.49+00.14	17.36	1.27	5942	38.86	0.06
G038.54-00.06	16.94	1.25	5901	38.26	-0.08
G038.54-00.06	16.94	1.25	5907	38.35	-0.03
G038.54-00.06	16.94	1.25	5909	38.36	-0.04
G038.54-00.06	16.94	1.25	5911	38.38	-0.02

Table 1 – continued

GRS Cloud Name	GRS V_{LSR} (km s ⁻¹)	GRS D (kpc)	BGPS Source ID	BGPS l (°)	BGPS b (°)
G038.54-00.06	16.94	1.25	5914	38.42	-0.17
G038.54-00.06	16.94	1.25	5915	38.45	-0.20
G038.54-00.06	16.94	1.25	5920	38.57	-0.04
G038.59-00.41	19.06	1.35	5921	38.58	-0.25
G038.59-00.41	19.06	1.35	5924	38.62	-0.21
G038.59-00.41	19.06	1.35	5945	38.87	-0.13
G038.69-00.06	36.07	2.38	5933	38.73	-0.13
G038.69-00.06	36.07	2.38	5948	38.87	0.06
G038.74-00.46	50.52	9.93	5902	38.28	-0.23
G038.74-00.46	50.52	9.93	5903	38.29	-0.20
G038.74-00.46	50.52	9.93	5904	38.30	-0.21
G038.74-00.46	50.52	9.93	5931	38.69	-0.45
G038.74-00.46	50.52	9.93	5974	39.27	-0.39
G038.79-00.51	66.25	8.70	5922	38.60	-0.21
G038.79-00.51	66.25	8.70	5923	38.61	-0.18
G038.79-00.51	66.25	8.70	5925	38.65	-0.23
G038.79-00.51	66.25	8.70	5932	38.72	-0.13
G038.79-00.51	66.25	8.70	5934	38.73	-0.51
G038.79-00.51	66.25	8.70	5936	38.76	-0.53
G038.79-00.51	66.25	8.70	5949	38.87	-0.18
G038.89-00.26	44.14	2.90	5928	38.67	-0.22
G038.89-00.26	44.14	2.90	5929	38.68	-0.23
G038.89-00.26	44.14	2.90	5962	38.98	-0.27
G038.94-00.46	41.59	10.50	5938	38.77	-0.37
G038.94-00.46	41.59	10.50	5941	38.85	-0.43
G038.94-00.46	41.59	10.50	5943	38.86	-0.53
G038.94-00.46	41.59	10.50	5944	38.87	-0.49
G038.94-00.46	41.59	10.50	5946	38.87	-0.38
G038.94-00.46	41.59	10.50	5947	38.87	-0.48
G038.94-00.46	41.59	10.50	5951	38.88	-0.39
G038.94-00.46	41.59	10.50	5953	38.90	-0.46
G038.94-00.46	41.59	10.50	5954	38.91	-0.46
G038.94-00.46	41.59	10.50	5956	38.92	-0.35
G038.94-00.46	41.59	10.50	5957	38.92	-0.42
G038.94-00.46	41.59	10.50	5958	38.94	-0.46
G038.94-00.46	41.59	10.50	5960	38.96	-0.47
G038.94-00.46	41.59	10.50	5961	38.97	-0.54
G038.94-00.46	41.59	10.50	5964	39.00	-0.50
G038.99-00.41	60.72	9.12	5952	38.88	-0.16
G038.99-00.41	60.72	9.12	5965	39.01	-0.42
G038.99-00.41	60.72	9.12	5971	39.23	-0.46
G039.09+00.49	22.89	11.60	5959	38.95	0.47

Table 1 – continued

GRS Cloud Name	GRS V_{LSR} (km s ⁻¹)	GRS D (kpc)	BGPS Source ID	BGPS l (°)	BGPS b (°)
G039.09+00.49	22.89	11.60	5967	39.10	0.49
G039.24-00.61	16.50	—	5983	39.48	-0.42
G039.24-00.61	16.50	—	5985	39.49	-0.42
G039.24-00.61	16.50	—	5987	39.53	-0.46
G039.24-00.06	22.46	11.60	5972	39.26	-0.06
G039.24-00.06	22.46	11.60	5977	39.31	-0.06
G039.29-00.61	64.55	4.43	5973	39.27	-0.59
G039.29-00.61	64.55	4.43	5989	39.54	-0.37
G039.34-00.26	69.65	4.93	5968	39.16	-0.17
G039.34-00.26	69.65	4.93	5976	39.29	-0.20
G039.34-00.26	69.65	4.93	5980	39.39	-0.14
G039.34-00.26	69.65	4.93	5982	39.48	-0.29
G039.34-00.31	65.82	4.55	5978	39.33	-0.32
G039.34-00.31	65.82	4.55	5981	39.44	-0.19
G039.34-00.31	65.82	4.55	5993	39.59	-0.21
G039.49-00.21	17.40	—	5979	39.37	-0.18
G039.49-00.21	17.40	—	5984	39.49	-0.18
G039.49-00.21	17.40	—	5986	39.50	-0.20
G039.49-00.21	17.40	—	5997	39.67	-0.16
G039.59-00.01	43.29	2.85	5990	39.56	-0.03
G039.59-00.01	43.29	2.85	5991	39.57	-0.04
G039.59-00.01	43.29	2.85	5992	39.57	0.01
G039.69-00.56	83.25	6.55	5998	39.68	-0.46
G039.69-00.56	83.25	6.55	6002	39.73	-0.40
G039.89-00.21	57.80	—	5994	39.64	-0.24
G039.89-00.21	57.80	—	5995	39.64	-0.26
G039.89-00.21	57.80	—	5996	39.65	-0.25
G039.89-00.21	57.80	—	5999	39.68	-0.18
G039.89-00.21	57.80	—	6001	39.69	-0.22
G039.89-00.21	57.80	—	6003	39.85	-0.39
G039.89-00.21	57.80	—	6004	39.86	-0.21
G039.89-00.21	57.80	—	6005	39.88	-0.17
G039.89-00.21	57.80	—	6006	39.88	-0.35
G039.89-00.21	57.80	—	6008	39.91	-0.28
G039.89-00.21	57.80	—	6009	39.92	-0.29
G039.89-00.21	57.80	—	6011	39.93	-0.16
G039.89-00.21	57.80	—	6012	39.95	-0.29
G039.89-00.21	57.80	—	6014	40.07	0.19
G040.09-00.51	57.75	9.10	6016	40.11	-0.52
G040.09-00.51	57.75	9.10	6018	40.17	-0.45
G040.09-00.51	57.75	9.10	6019	40.18	-0.47
G040.09-00.51	57.75	9.10	6021	40.23	-0.40

Table 1 – continued

GRS Cloud Name	GRS V_{LSR} (km s ⁻¹)	GRS D (kpc)	BGPS Source ID	BGPS l (°)	BGPS b (°)
G40.29+00.19	82.82	6.47	6017	40.16	0.17
G040.34-00.26	72.20	5.43	6022	40.27	-0.47
G040.34-00.26	72.20	5.43	6023	40.28	-0.27
G040.34-00.26	72.20	5.43	6024	40.28	-0.22
G040.34-00.26	72.20	5.43	6025	40.28	-0.25
G040.34-00.26	72.20	5.43	6026	40.36	-0.06
G040.84-00.16	23.74	1.65	6030	40.70	-0.13
G040.84-00.16	23.74	1.65	6032	40.80	-0.22
G040.84-00.16	23.74	1.65	6034	40.88	-0.23
G040.84-00.16	23.74	1.65	6035	40.88	-0.23
G040.84-00.16	23.74	1.65	6036	40.91	-0.25
G040.89-00.21	26.70	—	6029	40.62	-0.14
G041.04-00.26	39.04	10.23	6044	41.12	-0.11
G041.04-00.26	39.04	10.23	6053	41.19	0.12
G041.04-00.26	39.04	10.23	6054	41.21	0.12
G041.04-00.26	39.04	10.23	6057	41.22	0.17
G041.04-00.26	39.04	10.23	6059	41.24	0.17
G041.04-00.26	39.04	10.23	6061	41.26	0.21
G041.04-00.26	65.82	4.72	6037	41.02	-0.27
G041.04-00.26	65.82	4.72	6039	41.06	-0.10
G041.04-00.26	65.82	4.72	6040	41.08	-0.12
G041.04-00.26	65.82	4.72	6049	41.16	-0.14
G041.19-00.21	59.87	8.65	6038	41.05	-0.25
G041.19-00.21	59.87	8.65	6041	41.08	-0.25
G041.19-00.21	59.87	8.65	6042	41.10	-0.24
G041.19-00.21	59.87	8.65	6045	41.12	-0.22
G041.19-00.21	59.87	8.65	6046	41.13	-0.24
G041.19-00.21	59.87	8.65	6047	41.14	-0.19
G041.19-00.21	59.87	8.65	6050	41.16	-0.18
G041.19-00.21	59.87	8.65	6051	41.17	-0.49
G041.19-00.21	59.87	8.65	6055	41.22	-0.16
G041.19-00.21	59.87	8.65	6058	41.23	-0.20
G041.19-00.21	59.87	8.65	6060	41.24	-0.23
G041.19-00.21	59.87	8.65	6064	41.31	-0.17
G041.19-00.21	59.87	8.65	6065	41.33	-0.19
G041.19-00.21	59.87	8.65	6066	41.34	-0.21
G041.24+00.39	71.35	5.53	6056	41.22	0.36
G041.29+00.34	14.81	11.65	6062	41.27	0.37
G041.29+00.34	14.81	11.65	6068	41.35	0.41
G041.34-00.16	13.54	11.70	6043	41.11	-0.12
G041.34-00.16	13.54	11.70	6067	41.35	-0.14
G041.34-00.16	13.54	11.70	6073	41.53	0.03

Table 1 – continued

GRS Cloud Name	GRS V_{LSR} (km s ⁻¹)	GRS D (kpc)	BGPS Source ID	BGPS l (°)	BGPS b (°)
G041.34-00.16	13.54	11.70	6074	41.53	0.03
G041.34+00.09	60.30	8.55	6052	41.18	0.05
G041.34+00.09	60.30	8.55	6063	41.31	-0.11
G041.34+00.09	60.30	8.55	6069	41.38	0.04
G041.34+00.09	60.30	8.55	6070	41.49	0.03
G041.34+00.09	60.30	8.55	6072	41.52	-0.14
G041.34+00.09	60.30	8.55	6075	41.54	0.03
G041.74+00.04	17.79	11.38	6076	41.60	0.16
G041.74+00.04	17.79	11.38	6077	41.71	0.04
G041.74+00.04	17.79	11.38	6078	41.72	0.04
G041.74+00.04	17.79	11.38	6079	41.72	0.00
G042.04-00.01	57.75	8.60	6084	41.85	-0.24
G042.04-00.01	57.75	8.60	6089	41.94	-0.21
G042.04-00.01	57.75	8.60	6091	41.99	-0.03
G042.04-00.01	57.75	8.60	6093	42.04	-0.12
G042.04-00.01	57.75	8.60	6095	42.05	-0.12
G042.04-00.01	57.75	8.60	6097	42.11	-0.45
G042.04-00.01	57.75	8.60	6104	42.34	-0.22
G042.04-00.01	57.75	8.60	6106	42.45	-0.46
G042.09-00.11	16.51	1.23	6085	41.88	-0.12
G042.09-00.11	16.51	1.23	6099	42.16	-0.23
G042.09-00.11	16.51	1.23	6100	42.17	-0.08
G042.14-00.61	67.52	5.12	6088	41.94	-0.25
G042.14+00.09	15.66	1.17	6094	42.05	0.21
G042.19-00.61	34.79	2.33	6082	41.74	0.10
G042.29-00.51	75.60	6.28	6103	42.32	-0.51
G042.34-00.31	27.60	—	6090	41.98	-0.31
G042.34-00.31	27.60	—	6102	42.31	-0.30
G042.44-00.26	65.40	4.90	6098	42.15	-0.24
G042.44-00.26	65.40	4.90	6105	42.44	-0.26