

Table 7. ^{12}CO cloud catalog¹

Index	l (deg)	b (deg)	V_{LSR} (km/s)	σ_l (deg)	σ_b (deg)	$\sigma_{V_{\text{LSR}}}$ (km/s)	T_{peak} (K)	Angular area (arcmin ²)	Flux (K km/s arcmin ²)
1	9.77188 ± 0.00044	0.97570 ± 0.00053	-0.4653 ± 0.0255	0.00637 ± 0.00035	0.00812 ± 0.00036	0.3236 ± 0.0197	2.4 ± 0.5	3.0 ± 0.2	2.0 ± 0.1
2	9.77637 ± 0.00065	1.99177 ± 0.00050	-11.9292 ± 0.0269	0.00756 ± 0.00048	0.00493 ± 0.00039	0.2082 ± 0.0241	2.7 ± 0.5	2.2 ± 0.2	1.2 ± 0.1
3	9.78032 ± 0.00036	0.01172 ± 0.00037	-4.6063 ± 0.0250	0.00825 ± 0.00027	0.00840 ± 0.00027	0.5949 ± 0.0173	2.5 ± 0.5	4.7 ± 0.2	4.3 ± 0.2
4	9.78262 ± 0.00037	1.64957 ± 0.00045	21.7694 ± 0.0196	0.00741 ± 0.00028	0.00944 ± 0.00032	0.3545 ± 0.0144	2.6 ± 0.5	5.0 ± 0.4	3.9 ± 0.2
5	9.78847 ± 0.00035	1.36788 ± 0.00038	30.7109 ± 0.0270	0.00743 ± 0.00026	0.00838 ± 0.00026	0.6282 ± 0.0161	2.4 ± 0.5	4.5 ± 0.3	4.5 ± 0.2
6	9.79163 ± 0.00073	1.93839 ± 0.00048	-0.5071 ± 0.0168	0.01444 ± 0.00041	0.00877 ± 0.00037	0.2155 ± 0.0150	2.5 ± 0.5	5.7 ± 0.3	3.2 ± 0.1
7	9.79226 ± 0.00053	0.33548 ± 0.00054	-12.2325 ± 0.0296	0.00598 ± 0.00041	0.00683 ± 0.00039	0.3047 ± 0.0231	2.4 ± 0.5	2.2 ± 0.2	1.4 ± 0.1
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103515	229.70241 ± 0.00037	0.07449 ± 0.00033	70.7476 ± 0.0149	0.01332 ± 0.00025	0.01158 ± 0.00024	0.4779 ± 0.0112	3.1 ± 0.5	9.7 ± 0.4	10.0 ± 0.2
103516	229.71299 ± 0.00031	1.06747 ± 0.00030	38.7017 ± 0.0171	0.00962 ± 0.00021	0.00920 ± 0.00023	0.5042 ± 0.0111	2.9 ± 0.5	6.7 ± 0.3	8.5 ± 0.2
103517	229.72255 ± 0.00048	2.79442 ± 0.00048	26.6617 ± 0.0227	0.00669 ± 0.00034	0.00661 ± 0.00035	0.2233 ± 0.0191	2.7 ± 0.5	3.2 ± 0.3	1.8 ± 0.1

[1] This table lists 10 example clouds, and a complete machine readable version of the cloud catalog can be obtained at <https://doi.org/10.57760/sciencedb.27351>.

[2] Galactic coordinates and their dispersions are the mean and standard derivation of voxel weighted by voxel temperatures, and see Rosolowsky & Leroy (2006) for detailed definitions and formula.