

Supplementary Table 2. Diffuse FUV/NUV intensities (phots/cm^2/s/sr/A), IR fluxes (MJy/sr), and neutral hydrogen column densities N(HI) (per cm^2) for all 142 locations.
Magenta colour indicates locations with N(HI)<1×10^21

Loc#	Gl	Gb	FUV	FUV-err	NUV	NUV-err	N(HI)	N(HI)_err	IR 4.5 μ	4.5-err	IR 5.8 μ	5.8err	IR 24 μ	24-err	IR 70 μ	70-err	IR 100 μ	100-err	IR 160 μ	160-err
1	144.2995	32.6691	3524.024	195.4292	2799.294	103.085	1.60E+21	9.13E+19	0.0062	0.0041	0.0063	0.0219	0.0212	0.037	1.085	0.4762	2.0711	0.2837	1.3365	0.6228
2	144.2058	32.7248	521.5882	105.5005	419.1139	58.8174	8.79E+19	8.44E+18	0.0045	0.0035	0.0097	0.0228	0.0335	0.0476	0.3675	0.3499	0.0888	0.4115	0.1896	0.2158
3	144.2835	32.7029	6533.342	255.2108	5195.957	133.381	1.48E+21	4.37E+20	0.0131	0.0072	0.041	0.0212	0.1527	0.1028	4.1669	0.9138	5.2371	0.3281	5.3175	1.1359
4	144.2829	32.7354	1010.029	125.4915	555.6704	62.185	9.70E+20	5.45E+19	0.0043	0.0127	0.0245	0.021	0.0739	0.0915	0.704	0.2525	2.1856	0.4708	0.4082	0.3509
5	144.2714	32.6746	5021.403	226.5929	4901.48	129.936	9.77E+20	1.09E+20	0.0052	0.0061	0.0221	0.0241	0.0152	0.0263	1.4038	0.4099	0.2419	0.2489	2.3658	0.3959
6	144.2682	32.7303	3083.164	186.1069	2106.875	92.6269	1.04E+21	1.01E+20	0.0042	0.0051	0.0009	0.0343	0.0536	0.0373	0.8714	0.4047	0.1217	0.4185	1.2483	0.5298
7	144.2128	32.684	3899.691	203.1554	2457.217	98.2903	9.09E+20	1.38E+20	0.0089	0.0114	0.0492	0.0365	0.0013	0.0364	0.095	0.3539	0.0938	0.408	1.1237	0.1573
8	144.311	32.7007	3952.941	204.3462	2608.941	100.124	3.65E+20	7.34E+19	0.007	0.0065	0.0219	0.0195	0.0382	0.0332	0.1655	0.1881	2.6554	0.4359	0.3678	0.3478
9	144.3063	32.6755	10922.56	321.579	7897.647	160.877	2.02E+21	4.28E+20	0.0049	0.008	0.0117	0.0273	0.0649	0.0327	1.6511	0.3393	1.838	0.4882	2.0806	0.2642
10	144.2544	32.6734	3929.447	205.2795	3081.451	107.118	1.45E+21	1.20E+20	0.0038	0.0048	0.0111	0.0222	0.0287	0.0242	1.0782	0.4586	0.4431	0.544	1.1277	0.1548
11	144.3066	32.667	2788.49	177.5833	1777.78	86.9051	9.99E+20	1.49E+20	0.0029	0.0055	0.0052	0.0278	0.0135	0.0385	0.2171	0.3018	1.157	0.4708	0.8655	0.6826
12	144.31	32.6556	1505.135	141.4541	871.8699	69.6358	4.06E+20	4.64E+19	0.003	0.0049	0.0138	0.0262	0.0061	0.0289	0.081	0.2384	2.2887	0.3257	0.7581	0.0427
13	144.2417	32.675	4876.302	223.2385	3274.287	109.477	2.76E+20	1.00E+19	0.0115	0.0522	0.0088	0.0437	0.0135	0.0402	0.3768	0.1624	1.4094	0.3236	0.5471	0.5152
14	144.2816	32.6657	3308.877	190.7403	2930.762	104.946	1.63E+21	9.40E+19	0.0049	0.0051	0.008	0.0208	0.0202	0.0351	1.2717	0.2959	0.9758	0.4028	1.0013	0.2101
15	144.2885	32.7289	4060.48	207.7888	2142.498	93.1591	2.75E+21	1.44E+20	0.0011	0.0036	0.0107	0.0259	0.0525	0.0558	2.1309	0.4932	2.6377	0.5618	1.5193	0.7586
16	144.2847	32.6633	2864.8	179.2661	2344.614	96.1025	1.54E+21	8.09E+19	0.0041	0.0025	0.0168	0.0184	0.0008	0.0293	1.4128	0.1951	1.6775	0.4181	1.1351	0.0553
17	144.3087	32.6598	1299.519	135.4401	776.8129	67.385	6.44E+20	1.22E+20	0.0009	0.0036	0.0052	0.0243	0.0053	0.0276	0.4203	0.248	2.243	0.5503	0.2245	0.2224
18	144.2642	32.7385	1382.512	137.3664	779.9242	67.2871	6.55E+20	7.36E+19	0.0042	0.0044	0.0064	0.0225	0.0137	0.0344	0.3062	0.1321	0.3756	0.5151	0.3313	0.2365
19	144.2226	32.6552	1044.907	126.6427	585.5987	63.1033	1.80E+21	1.22E+20	0.0088	0.0097	0.0014	0.0242	0.0233	0.0331	0.419	0.338	0.8689	0.4349	0.6305	0.2124
20	144.2661	32.7527	451.2719	103.5036	187.8867	52.7005	7.88E+20	3.50E+19	0.0114	0.0492	0.0095	0.0298	0.0435	0.0449	0.6044	0.1305	2.1473	0.4956	0.0313	0.1627
21	144.3336	32.6575	842.5126	119.5004	435.6843	59.2184	1.19E+21	1.27E+20	0.0026	0.0051	0.024	0.0496	0.0063	0.0357	0.2864	0.2863	1.2062	0.506	0.0144	0.1607
22	144.2679	32.7278	6186.948	249.0704	3884.051	118.009	1.40E+21	1.62E+20	0.0055	0.0089	0.027	0.0316	0.0799	0.0432	1.7395	0.6421	0.7082	0.4474	1.3012	0.5407
23	144.2625	32.6781	6031.807	246.4883	4926.881	130.527	1.57E+21	8.81E+19	0.0054	0.0029	0.0146	0.0219	0.0246	0.0266	1.4907	0.2342	3.2091	0.3913	2.4704	0.4102
24	144.2465	32.6483	484.7977	104.9431	373.8148	57.7625	5.32E+20	7.47E+19	0.0055	0.0258	0.0102	0.0152	0.0194	0.0414	0.2141	0.4245	0.5041	0.3707	0.7612	0.5002
25	144.2843	32.7338	1020.053	125.7496	571.3723	62.7224	1.01E+21	3.23E+19	0.0019	0.0173	0.0034	0.0137	0.0754	0.0408	0.705	0.2847	2.8483	0.2218	0.1798	0.3059
26	144.2823	32.6637	2583.06	172.4739	2330.553	96.0876	1.54E+21	8.49E+19	0.0046	0.0045	0.0105	0.0183	0.0116	0.0282	1.3005	0.266	0.9547	0.5276	0.9787	0.1291
27	144.2817	32.7376	656.1576	111.4558	437.7683	59.3052	9.17E+20	6.70E+19	0.002	0.0011	0.0143	0.0243	0.0502	0.0561	0.74	0.3167	1.489	0.2596	0.9973	0.3334
28	144.2418	32.6507	705.3869	114.1324	519.1001	61.2963	5.37E+20	6.85E+19	0.0021	0.0051	0.0058	0.0238	0.0062	0.0381	0.3664	0.4157	1.5994	0.5095	0.4009	0.6219
29	144.293	32.7406	790.2649	117.641	379.863	57.8966	9.35E+20	3.46E+19	0.0032	0.0052	0.0009	0.031	0.0271	0.0345	0.2107	0.2292	2.2268	0.3958	0.6244	0.0767
30	144.2723	32.676	6651.673	256.9591	5633.731	138.208	1.22E+21	1.68E+20	0.0065	0.0097	0.018	0.033	0.0151	0.0347	2.1777	0.5434	0.034	0.2841	2.7346	0.6471
31	144.2476	32.6519	1314.312	135.4214	1100.585	74.2458	9.08E+20	1.57E+20	0.007	0.0548	0.0124	0.0338	0.0815	0.186	1.3963	0.4828	3.3328	0.6623	1.634	0.501
32	144.2721	32.7334	1441.791	139.8206	883.1214	69.5779	1.10E+21	6.08E+19	0.001	0.0037	0.0159	0.0286	0.0264	0.039	0.9325	0.3304	0.6293	0.4523	1.6947	0.4395
33	144.2765	32.6735	6188.489	249.3424	4984.329	131.097	1.10E+21	1.47E+20	0.0061	0.004	0.0315	0.0278	0.044	0.0317	2.1421	0.4936	1.0896	0.3669	2.8156	0.5833

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Magenta colour indicates locations with N(HI)<1×10^21

34	144.3152	32.7454	303.8068	96.9072	214.1303	53.2182	1.30E+21	4.33E+19	0.0043	0.0156	0	0.0403	0.0049	0.0448	0	0.1854	0	0.3298	0	0.5689
35	144.2736	32.6637	2281.654	165.259	2038.78	91.0345	5.50E+20	4.42E+19	0.0085	0.0047	0.0139	0.0197	0	0.0305	0.5774	0.3024	0	0.3836	0.7669	0.1519
36	144.2513	32.6498	752.5803	115.7983	390.6537	57.989	8.78E+20	1.68E+20	0.0041	0.0137	0	0.0257	0.0104	0.0406	0.1961	0.3046	0	0.3906	1.089	0.2896
37	144.3457	32.6652	331.2889	98.3089	224.9369	53.5343	7.13E+20	7.66E+19	0	0.0033	0.0052	0.0421	0	0.0368	0.279	0.1527	0	0.3976	0	0.1383
38	144.2599	32.7297	2126.106	159.83	1513.779	82.1918	1.36E+21	1.03E+20	0.0077	0.011	0.0019	0.0287	0.0322	0.0326	0.7142	0.2404	0	0.3592	2.065	0.5132
39	144.2051	32.7106	1268.26	134.3993	763.5502	66.8974	4.04E+20	5.53E+19	0.0006	0.0059	0.0131	0.0352	0	0.0348	0	0.233	0.0576	0.3375	0.5625	0.1399
40	144.3413	32.669	793.6335	117.8665	494.3329	60.9988	1.21E+21	5.47E+19	0	0.003	0	0.0433	0.0062	0.0312	0.0518	0.1333	0	0.408	0.492	0.3708
41	144.2746	32.6748	6656.116	256.8058	5339.688	134.826	1.00E+21	1.77E+20	0.0343	0.0026	0.0383	0.0212	0.0265	0.0266	2.0294	0.4762	0	0.2211	3.1375	0.4827
42	144.2693	32.7338	1041.757	126.7826	742.7268	66.6668	9.92E+20	7.11E+19	0.0021	0.0019	0.0184	0.025	0.0154	0.0583	0.9122	0.2504	0	0.4394	1.2285	0.4639
43	144.3018	32.7433	640.0781	111.9322	482.1225	60.5406	1.07E+21	6.21E+19	0	-0.0247	0.0171	0.0239	0.0067	0.0406	0.0671	0.3792	1.056	0.5057	0.0185	0.3104
44	144.2628	32.7372	1294.785	133.5565	816.5152	67.8444	7.70E+20	8.40E+19	0.0024	0.0057	0.0068	0.0318	0	0.0347	0.285	0.2525	0	0.5092	0.4497	0.4014
45	144.3367	32.7071	589.7788	108.9029	257.5771	54.5339	2.00E+21	2.55E+20	0	0.0043	0.0073	0.0294	0	0.0314	0.0899	0.2659	0	0.5057	0.5419	0.5809
46	144.3085	32.6704	5963.188	245.5057	4027.003	119.791	8.66E+20	2.25E+20	0.0087	0.0042	0.0174	0.028	0	0.0322	0.6901	0.1336	2.1517	0.408	1.3525	0.5751
47	144.328	32.6655	1121.553	129.7299	810.5434	67.8904	3.87E+20	4.96E+19	0.0014	0.001	0.0052	0.0276	0	0.0313	0.2318	0.3675	0	0.2522	0	0.2819
48	144.253	32.6917	5127.053	228.7427	4466.844	125.29	3.24E+20	3.47E+19	0.0321	0.0085	0.0326	0.0347	0.0372	0.0416	0.1467	0.1098	0	0.422	1.6418	0.2387
49	144.3444	32.6837	743.3568	114.8915	487.5089	60.5082	1.89E+21	1.27E+20	0	0.0029	0	0.0512	0	0.0364	0.3866	0.3293	0	0.3181	0.4254	0.3437
50	144.2489	32.7253	2896.014	179.3834	2048.462	91.4473	2.16E+21	1.32E+20	0.0139	0.0026	0.0331	0.0236	0.0328	0.0266	0.8387	0.3073	0	0.3533	1.1017	0.6544
51	144.2523	32.6859	6235.534	250.094	5472.053	136.743	9.35E+20	1.52E+20	0.0325	0.0038	0.0349	0.0282	0.0362	0.0246	0.6546	0.154	0	0.363	1.41	0.6177
52	144.325	32.6638	1230.399	133.0176	877.2448	69.6153	5.05E+20	7.28E+19	0	0.0038	0.0092	0.0291	0	0.0321	0	0.3358	0.397	0.4429	0	0.2997
53	144.2489	32.7209	4695.343	220.3097	3166.403	108.411	1.72E+21	2.59E+20	0.0206	0.0054	0.0259	0.0144	0.0289	0.038	1.0081	0.2197	0	0.3609	1.707	0.3413
54	144.3265	32.6997	3166.902	186.6063	2001.855	91.0609	7.15E+20	1.46E+20	0	0.0026	0.0148	0.0342	0.0024	0.031	0	0.1888	0.1162	0.4568	0.2757	0.3471
55	144.207	32.6614	629.0891	111.6908	284.0016	55.2454	9.00E+20	9.75E+19	0.0012	0.0077	0	0.0249	0	0.0328	0	0.2167	0	0.3051	0.5255	0.2107
56	144.3329	32.7366	454.6755	103.1861	245.7653	54.1061	3.99E+20	2.26E+19	0.0008	0.0041	0.0171	0.0316	0.0098	0.0391	0.0538	0.2904	0	0.5126	0	0.3546
57	144.1922	32.7098	641.7406	111.4708	269.6375	54.8866	7.32E+20	7.33E+19	0.0109	0.0095	0.004	0.0267	0.0009	0.0343	0	0.1301	0.7067	0.5196	0.0257	0.1497
58	144.2576	32.6528	1069.944	127.1812	892.7981	70.0169	1.30E+21	9.13E+19	0.0034	0.0025	0.0063	0.0262	0	0.0323	0.3593	0.6605	0	0.3906	0.3505	0.1613
59	144.2005	32.6839	879.0336	120.0341	527.8026	61.5511	1.36E+21	7.73E+19	0.012	0.0145	0.0177	0.005	0.0056	0.0254	0	0.1939	0	0.4743	0.936	0.2516
60	144.2797	32.7366	411.1878	101.0678	340.1224	56.6063	9.95E+20	3.09E+19	0	0.0042	0	0.0298	0.0283	0.0416	0.9258	0.1657	0.8174	0.3871	0.9973	0.3334
61	144.1821	32.7416	278.7165	94.7784	127.9018	51.0451	4.80E+20	7.25E+19	0	-0.0011	0	0.0298	0	0.0334	0	0.1052	0	0.3766	0	0.1896
62	144.3507	32.6481	113.3597	87.2868	85.6124	49.5274	5.16E+20	1.70E+19	0.0013	0.0043	0.0189	0.0264	0.0045	0.0373	0	0.1578	1.6907	0.415	0.1702	0.1253
63	144.238	32.6749	4055.571	207.6145	2516.758	99.096	2.63E+20	4.73E+19	0.0063	0.0025	0.0062	0.023	0.0023	0.0326	0.3757	0.1606	0	0.5266	0.6377	0.3292
64	144.2585	32.732	2072.784	158.2411	1301.497	77.853	1.52E+21	9.83E+19	0.0038	-0.0007	0.0015	0.0282	0.0081	0.0406	0.7961	0.1609	0	0.3487	1.5859	0.2065
65	144.2029	32.7135	817.173	118.0455	494.2269	60.7146	2.42E+20	4.07E+19	0.0081	0.0074	0.0012	0.0302	0	0.0364	0	0.2007	0.8557	0.4045	0.3848	0.2172
66	144.2576	32.7528	701.4232	112.8274	557.8654	62.1784	8.30E+20	3.86E+19	0.004	0.0046	0.0268	0.0295	0.0364	0.0702	0.1431	0.2244	0	0.4429	0	0.208
67	144.2157	32.6497	428.3925	102.755	248.2867	54.4263	2.88E+20	6.17E+19	0.0025	-0.0026	0	0.0209	0.0068	0.0239	0.0757	0.1973	0	0.3482	0.3015	0.3208

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Magenta colour indicates locations with N(HI)<1×10²¹

68	144.2877	32.7637	193.3001	91.7438	65.0316	48.7516	3.33E+20	2.08E+19	0	0.009	0.0158	0.0286	0.0382	0.0448	0	0.1459	0	0.3328	0	0.4467
69	144.2709	32.7479	843.6139	118.8704	600.3736	63.1108	3.70E+20	2.27E+19	0.0146	0.0144	0.0036	0.0234	0.0299	0.0418	0	0.2951	0.1419	0.6382	0	0.2537
70	144.22	32.7167	2563.717	172.2696	1495.421	81.8273	5.63E+20	5.06E+19	0.0018	0.0051	0.0206	0.0313	0	0.0296	0.2216	0.2018	0	0.5719	0.164	0.1835
71	144.3389	32.7069	456.1758	103.672	246.9574	54.1372	1.55E+21	2.36E+20	0	0.0034	0.0035	0.0295	0	0.0327	0.2915	0.3801	0.272	0.4011	0.4706	0.3095
72	144.1978	32.7154	521.2318	106.3357	466.9038	59.8958	1.17E+20	1.82E+19	0.0027	0.0079	0.0022	0.0246	0	0.0438	0	0.1405	0	0.4743	0.1295	0.1863
73	144.182	32.7243	318.4668	96.8716	135.3632	51.0798	4.20E+20	3.60E+19	0.0074	0.0077	0.0089	0.029	0.0104	0.0373	0.0042	0.2898	0	0.3976	0.5193	0.1083
74	144.2034	32.7241	704.3371	113.5114	437.1466	59.0955	7.40E+19	7.02E+18	0.004	0.0068	0.007	0.0235	0.0009	0.0326	0	0.2642	0	0.565	0.073	0.2156
75	144.2844	32.7633	85.5729	85.8558	-33.9053	45.666	3.60E+20	1.84E+19	0.0061	-0.0322	0.0077	0.025	0	0.0509	0	0.1386	1.1429	0.4119	0	0.543
76	144.3309	32.7276	594.6687	109.9767	254.8082	54.5191	5.19E+20	4.86E+19	0	0.0039	0.0021	0.0327	0	0.0406	0	0.0921	0	0.3662	0	0.5447
77	144.1914	32.688	501.1809	104.8004	187.4723	52.6309	9.63E+20	2.31E+19	0.0062	0.0076	0.0012	0.0268	0	0.0299	0	0.2372	0	0.4847	0.669	0.1602
78	144.1983	32.7079	815.932	118.0471	359.0996	57.1894	7.67E+20	1.13E+20	0.0003	0.0081	0	0.0258	0	0.0329	0	0.1614	0	0.4429	0.4828	0.1122
79	144.1972	32.7364	297.7348	96.4793	392.4918	57.8785	8.00E+20	7.06E+19	0.0015	0.0065	0	0.0262	0	0.0315	0.0238	0.1851	0	0.3662	0.6526	0.5005
80	144.3361	32.7085	603.4929	109.144	240.3071	54.3053	1.72E+21	2.19E+20	0	0.0034	0	0.029	0	0.0324	0.0908	0.2508	0	0.3526	0.0409	0.1553
81	144.2542	32.6439	296.945	96.3476	129.3837	50.862	3.39E+20	3.25E+19	0.0066	-0.0028	0	0.0246	0	0.0298	0.1911	0.2641	0	0.415	0	0.1851
82	144.2028	32.654	249.7525	94.3304	191.0808	52.6052	7.59E+20	3.19E+19	0.0093	0.0078	0.0052	0.0267	0.0099	0.0315	0.0256	0.4267	0	0.2791	0.679	0.219
83	144.2783	32.7461	666.6768	111.7479	361.4937	57.5418	5.96E+20	6.12E+19	0.0027	0.0039	0	0.0296	0.0114	0.0333	0.2737	0.2061	0	0.2605	0	0.4791
84	144.3409	32.7035	440.0078	103.389	167.7453	52.0294	1.74E+21	1.88E+20	0	0	0.0034	0.033	0.035	0.0536	0.4036	0.2414	0	0.281	0.9065	0.3275
85	144.302	32.7028	3786.07	200.9188	2976.293	105.202	1.81E+20	3.82E+19	0.0109	0.0034	0.0292	0.025	0.0128	0.0422	0	0.3211	0.9499	0.5266	2.1595	0.3416
86	144.2698	32.761	68.1916	85.0435	267.4251	55.0501	3.67E+20	1.59E+19	0.0043	0.0198	0	0.0398	0.022	0.0474	0.1229	0.2817	0.9897	0.2956	0.2626	0.6757
87	144.2936	32.6573	1159.76	130.9225	1014.231	72.4245	1.01E+21	4.05E+19	0.0076	0.0074	0.0127	0.029	0	0.033	0.2441	0.3791	0	0.3836	0.0209	0.6676
88	144.1874	32.7147	404.9182	101.1211	291.9411	55.4911	5.72E+20	3.70E+19	0.006	0.0031	0.0291	0.0272	0	0.038	0.3963	0.1747	0.3959	0.3836	0.751	0.2893
89	144.1966	32.6905	1500.735	141.2013	1143.944	75.2703	6.18E+20	2.53E+19	0.0053	0.0063	0	0.0265	0.0189	0.0392	0	0.2985	0	0.3592	0.7254	0.1269
90	144.1853	32.7013	367.6175	99.1456	220.6891	53.5996	1.20E+21	4.02E+19	0.0552	0.0073	0.0593	0.0461	0.0161	0.0323	0.1361	0.581	0	0.429	0.348	0.2865
91	144.3265	32.7652	-69.4735	76.9535	-37.0426	45.65	1.41E+20	1.75E+19	0	0.0073	0.0074	0.0488	0	0.0568	0	0.2291	0	0.3368	0	0.0159
92	144.2234	32.7274	1765.824	149.4602	968.324	71.4217	7.02E+20	6.87E+19	0.0058	-0.0282	0.0193	0.0076	0	0.036	0	0.251	0	0.4673	0.6113	0.0746
93	144.2803	32.7574	154.2942	89.003	234.9601	53.8613	3.01E+20	2.97E+19	0.0214	0.1148	0.025	0.0038	0	0.0302	0.3006	0.4226	1.9249	0.3428	0	0.3252
94	144.2793	32.7424	589.2099	108.8876	397.5266	57.9754	5.86E+20	2.31E+19	0.0012	0.0036	0.0085	0.0305	0	0.0337	0.2256	0.1691	0	0.5196	0.6417	0.1526
95	144.2024	32.7281	406.1748	100.8965	327.0518	56.571	1.60E+20	4.64E+19	0.0003	0.0067	0	0.025	0.0012	0.0332	0	0.1443	1.1605	0.3557	0.3318	0.3061
96	144.2254	32.6622	2222.934	163.6006	1453.218	81.1665	1.43E+21	9.81E+19	0.0053	0.0052	0	0.0316	0	0.0383	0.3499	0.1991	0	0.4673	1.1136	0.097
97	144.221	32.6654	2195.256	162.4422	1360.076	79.2455	1.17E+21	1.70E+20	0	0.0045	0	0.0302	0	0.0341	0.1812	0.2328	0	0.4011	0.7874	0.1205
98	144.2094	32.7507	684.4178	113.7307	492.1163	60.7368	8.69E+20	7.86E+19	0	0.0079	0.0059	0.0311	0.028	0.038	0.2285	0.1382	0	0.3801	0	0.295
99	144.2189	32.6768	2090.838	160.0828	1785.312	87.3624	1.05E+21	4.27E+19	0.0137	0.0019	0.0189	0.0268	0.0052	0.042	0.3925	0.1619	0	0.3627	0.1518	0.196
100	144.274	32.7513	505.7952	106.1124	311.2736	55.9275	3.62E+20	1.12E+19	0.0058	0.015	0.0052	0.0292	0.0343	0.0374	0.2913	0.2749	1.1311	0.4743	0	0.3181
101	144.2361	32.6587	1524.447	142.1167	1125.71	74.9006	1.19E+21	8.94E+19	0.0056	0.004	0	0.029	0.0294	0.0494	0.951	0.2903	2.4374	0.4847	0.964	0.4889

Supplementary Table 2. Diffuse FUV/NUV intensities (photons/cm²/s/sr/A), IR fluxes (MJy/sr), and neutral hydrogen column densities N(HI) (per cm²) for all 142 locations.
Magenta colour indicates locations with N(HI)<1×10²¹

102	144.1961	32.7485	298.5548	95.6334	164.5734	52.1557	8.65E+20	3.94E+19	0.005	0.0101	0.0122	0.0342	0.026	0.0595	0	0.3747	0	0.2778	0	0.2931
103	144.2104	32.7183	1163.807	131.2828	802.366	67.9877	2.27E+20	2.46E+19	0	0.0042	0	0.0266	0	0.034	0	0.3195	0	0.4813	0	0.0907
104	144.3337	32.7262	547.0269	107.5413	307.4726	55.8937	4.71E+20	5.53E+19	0	0.0045	0.0097	0.0284	0.0004	0.0448	0	0.123	0	0.4115	0.791	0.5018
105	144.2787	32.7392	329.4219	97.7225	138.305	51.3663	8.72E+20	9.22E+19	0.0002	0.0047	0.0048	0.0262	0.0161	0.0355	0.3414	0.3194	0	0.3592	0.6713	0.1677
106	144.2121	32.7002	2372.001	166.7445	1649.887	84.3688	1.09E+21	1.27E+20	0.0047	0.0071	0	0.033	0	0.0361	0.0236	0.1973	0	0.4394	0.9999	0.0894
107	144.2912	32.7419	552.6089	107.8541	340.9255	56.7724	8.85E+20	7.23E+19	0.0049	0.0163	0	0.03	0.0198	0.0364	0.4335	0.3089	1.592	0.3871	0.5342	0.1785
108	144.2563	32.7287	1750.208	149.4298	1372.638	79.2797	1.41E+21	8.88E+19	0.0046	0.0036	0.0014	0.0271	0.018	0.0268	0.7289	0.1732	0	0.3233	1.9128	0.2959
109	144.3414	32.7004	783.4182	117.0046	500.5116	60.6896	2.07E+21	2.24E+20	0	0.0056	0.0065	0.033	0.0257	0.0389	0.7835	0.4007	0.043	0.3801	0.9056	0.3081
110	144.3484	32.6693	400.2348	100.7338	55.3082	48.6907	8.04E+20	5.69E+19	0	0.0035	0.0029	0.0367	0	0.0337	0	0.275	0	0.5231	0.6568	0.469
111	144.3261	32.6592	756.2226	116.5653	313.9395	56.0427	6.78E+20	2.76E+19	0	0.0062	0.0197	0.0228	0	0.0306	0	0.1429	1.243	0.5629	0.1043	0.43
112	144.2575	32.7123	4364.009	213.775	3796.529	117.116	7.43E+20	1.21E+19	0.0143	0.0021	0.0249	0.0244	0	0.0212	0.4222	0.1991	0.5028	0.429	1.7811	0.4229
113	144.2184	32.73	945.3508	123.587	459.7053	59.9805	2.77E+20	6.31E+19	0.0048	0.0342	0.0041	0.0281	0.0082	0.0376	0.0783	0.1812	0	0.3522	0.578	0.2121
114	144.2856	32.6596	1328.269	135.5424	1152.51	75.3511	1.19E+21	5.53E+19	0.0062	0.0043	0.0116	0.0262	0	0.0336	0.4846	0.5519	0.8424	0.4429	1.1052	0.288
115	144.3382	32.7096	546.6343	106.9848	412.3411	58.5333	1.26E+21	8.29E+19	0	0.0041	0	0.0331	0	0.0287	0	0.3565	0.1112	0.4778	0.1716	0.1408
116	144.2213	32.6435	292.5108	96.502	187.7792	52.4256	3.18E+20	2.53E+19	0.0056	0.0047	0	0.0279	0.0283	0.0284	0.1703	0.2123	0.2157	0.2489	0.8877	0.2033
117	144.2041	32.7147	1119.257	129.1894	773.7185	67.4996	1.96E+20	4.07E+19	0.0024	0.0083	0.0043	0.0294	0	0.0434	0	0.15	0	0.4185	0.3384	0.2237
118	144.3433	32.693	1059.333	126.8965	645.1071	64.3846	1.99E+21	1.47E+20	0	0.0098	0.0088	0.0317	0.0079	0.0313	0	0.1231	0	0.3766	1.615	0.1669
119	144.3072	32.7414	785.6443	116.8447	510.0209	61.3041	1.44E+21	3.98E+19	0	0.0033	0.0141	0.0279	0	0.0377	0	0.1681	0.3986	0.4011	0	0.2324
120	144.3196	32.7344	617.8855	110.1631	402.1076	58.3767	6.65E+20	4.90E+19	0.0032	0.0014	0.0106	0.0302	0.0104	0.0444	0	0.1122	0	0.3847	0	0.3244
121	144.2211	32.6713	1444.568	139.1717	878.1713	69.4693	4.27E+20	4.96E+19	0.0101	0.0184	0	-0.012	0.0033	0.0324	0.1623	0.1022	0	0.4813	0.111	0.1447
122	144.2147	32.7116	2328.99	165.2027	1470.552	81.5121	7.75E+20	1.41E+20	0.003	0.0078	0.0145	0.0292	0	0.0332	0	0.3558	0	0.348	0.3294	0.1623
123	144.2405	32.6969	3885.447	202.9264	3029.098	105.964	6.08E+20	4.37E+19	0.0136	0.0045	0.0228	0.027	0.0116	0.0359	0.5081	0.2772	0	0.429	0.971	0.2265
124	144.2283	32.7028	4217.025	212.8321	3093.17	107.379	5.97E+20	3.69E+19	0.0108	0.0038	0.0205	0.0305	0	0.0264	0.2046	0.1614	0	0.4847	1.5041	0.2721
125	144.2301	32.6718	1458.494	139.8114	1045.307	73.0038	1.55E+20	3.03E+19	0.0101	0.0257	0.0184	0.042	0	0.0296	0.4929	0.4138	0	0.4464	0.8892	0.4999
126	144.2355	32.6466	325.1388	96.9358	227.248	53.4101	1.95E+20	3.67E+19	0.0048	0.0038	0	0.0145	0	0.0368	0	0.0946	0.2376	0.415	0.1664	0.1203
127	144.2895	32.653	1106.623	127.7835	733.7339	66.1213	1.19E+21	1.09E+20	0.0039	0.0063	0.0098	0.028	0	0.0355	0.3525	0.2103	0	0.2873	0.6938	0.1095
128	144.2491	32.6974	4376.897	214.0835	3713.028	115.567	2.70E+20	2.58E+19	0.022	0.0017	0.0179	0.0311	0	0.0308	0	0.2245	0	0.347	1.7476	0.0828
129	144.2071	32.7099	1541.515	142.8975	1075.662	73.7734	5.58E+20	6.85E+19	0.0009	0.0063	0.0025	0.0359	0	0.0276	0	0.3537	0	0.5092	0.221	0.2023
130	144.3186	32.7323	771.8303	117.2655	434.5763	59.0457	7.44E+20	4.70E+19	0.001	0.0074	0.0051	0.0264	0.0082	0.0337	0	0.2552	0	0.4359	0	0.7458
131	144.2133	32.7211	1368.646	136.6829	645.9605	64.3709	2.41E+20	2.05E+19	0.0001	0.0068	0.0033	0.0245	0	0.0299	0.1949	0.2902	0	0.4534	0.5477	0.2453
132	144.3352	32.7228	1004.409	125.3334	623.5365	63.7427	6.83E+20	2.84E+19	0	0.0058	0.0021	0.0295	0	0.0372	0.1603	0.1978	0	0.558	0.3341	0.3855
133	144.2118	32.7034	2743.83	176.6227	1643.966	84.5684	1.31E+21	7.28E+19	0.0056	0.0066	0	0.0276	0	0.037	0	0.2976	0	0.4464	0.7503	0.2745
134	144.3193	32.6594	718.3515	114.2936	515.2867	61.4159	3.54E+20	1.17E+20	0	0.0081	0	0.0271	0.0118	0.0239	0	0.5583	0	0.3362	0	0.2676
135	144.3383	32.712	647.4429	112.117	274.07	54.6527	1.08E+21	7.58E+19	0	0.0051	0.0003	0.033	0	0.0276	0.3041	0.2829	0	0.5963	0.3193	0.2096

Supplementary Table 2. Diffuse FUV/NUV intensities (phots/cm^2/s/sr/A), IR fluxes (MJy/sr), and neutral hydrogen column densities N(HI) (per cm^2) for all 142 locations.
Magenta colour indicates locations with N(HI)<1×10^21

136	144.3489	32.6629	68.1378	86.3544	-113.326	43.2309	6.27E+20	4.40E+19	0	0.0025	0	0.0387	0	0.036	0.0221	0.201	0.0301	0.5719	0	0.3239
137	144.3412	32.7019	509.1738	105.9617	150.261	51.5595	1.95E+21	2.50E+20	0	-0.0038	0.0155	0.0273	0.0308	0.0552	0.2861	0.3826	0	0.3462	0.9056	0.2513
138	144.2652	32.6524	543.7464	107.9873	266.3838	54.7606	1.35E+21	1.20E+20	0.0041	0.0045	0	0.0287	0.0038	0.0289	0.4728	0.1917	0	0.3592	0.924	0.0793
139	144.2111	32.6985	2557.067	171.3306	1526.157	82.5908	9.12E+20	1.18E+20	0.0058	0.0079	0	0.0278	0	0.0365	0	0.2181	0	0.408	1.0267	0.1033
140	144.2151	32.7177	1536.708	143.3787	1257.187	77.3025	4.28E+20	5.01E+19	0.005	0.0145	0.0112	0.0213	0	0.0317	0.2819	0.218	0.2002	0.337	0.4319	0.1624
141	144.2403	32.6454	304.5931	97.3203	212.853	53.3586	2.79E+20	2.92E+19	0.0066	0.0048	0	0.018	0.0093	0.032	0.1591	0.2574	0.27	0.3592	0.5773	0.2123
142	144.3292	32.7333	437.1759	103.2478	56.9907	48.722	4.58E+20	5.26E+19	0	0.0044	0.0054	0.0294	0	0.0424	0.3706	0.3554	0	0.3801	0	0.2121