Column numbers, names and units for the GLEAM SGP catalogue. The columns with the subscript 'wide' are derived from the wideband image centred at 216 MHz.

Number	Name	Unit	Description
1	Name	hh:mm:ss+dd:mm:ss	International Astronomical Union name
2	background_wide	Jy beam^{-1}	Background in wideband image
3	local_rms_wide	Jy beam^{-1}	Local RMS in wideband image
4	ra_str	hh:mm:ss	Right ascension
5	dec_str	dd:mm:ss	Declination
6	RAJ2000	deg	Right ascension
7	err_RAJ2000	deg	Error on RA
8	DEJ2000	deg	Declination
9	err_DEJ2000	deg	Error on Dec
10	peak_flux_wide	Jy beam^{-1}	Peak flux density in wideband image
11	err_peak_flux_wide	Jy beam^{-1}	Fitting error on peak flux density in wideband image
12	int_flux_wide	Jy	Integrated flux density in wideband image
13	err_int_flux_wide	Jy	Fitting error on integrated flux density in wideband image
14	a_wide	arcsec	Major axis of source in wideband image
15	err_a_wide	arcsec	Error on major axis of source in wideband image
16	b_wide	arcsec	Minor axis of source in wideband image
17	err_b_wide	arcsec	Error on minor axis of source in wideband image
18	pa_wide	deg	Position angle of source in wideband image
19	err_pa_wide	deg	Error on position angle of source in wideband image
20	residual_mean_wide	Jy beam^{-1}	Mean of residual after source fitting in wideband image
21	residual_std_wide	Jy beam^{-1}	Standard deviation of residual after source fitting
22	err_abs_flux_pct	%	Absolute flux density scale error
23	psf_a_wide	arcsec	Major axis of PSF at location of source in wideband image
24	psf_b_wide	arcsec	Minor axis of PSF at location of source in wideband image
25	psf_pa_wide	deg	Position angle of PSF at location of source in wideband image
26	background_076	Jy beam^{-1}	Background at 76 MHz
27	local_rms_076	Jy beam^{-1}	Local RMS at 76 MHz
28	peak_flux_076	Jy beam^{-1}	Peak flux density at 76 MHz
29	err_peak_flux_076	Jy beam^{-1}	Fitting error on peak flux density at 76 MHz
30	int_flux_076	Jy	Integrated flux density at 76 MHz
31	err_int_flux_076	Jy	Fitting error on integrated flux density at 76 MHz
32	a_076	arcsec	Major axis of source at 76 MHz
33	b_076	arcsec	Minor axis of source at 76 MHz
34	pa_076	deg	Position angle of source at 76 MHz
35	residual_mean_076	Jy beam^{-1}	Mean of residual after source fitting at 76 MHz
36	residual_std_076	Jy beam^{-1}	Standard deviation of residual after source fitting at 76 MHz
37	psf_a_076	arcsec	Major axis of PSF at location of source at 76 MHz
38	psf_b_076	arcsec	Minor axis of PSF at location of source at 76 MHz
39	psf_pa_076	deg	Position angle of PSF at location of source at 76 MHz
40	background_084	Jy beam^{-1}	Background at 84 MHz
41	local_rms_084	Jy beam^{-1}	Local RMS at 84 MHz
42	peak_flux_084	Jy beam^{-1}	Peak flux density at 84 MHz
43	err_peak_flux_084	Jy beam^{-1}	Fitting error on peak flux density at 84 MHz
44	int_flux_084	Jy	Integrated flux density at 84 MHz
45	err_int_flux_084	Jy	Fitting error on integrated flux density at 84 MHz
46	a_084	arcsec	Major axis of source at 84 MHz
47	b_084	arcsec	Minor axis of source at 84 MHz
48	pa_084	deg	Position angle of source at 84 MHz
49	residual_mean_084	Jy beam^{-1}	Mean of residual after source fitting at 84 MHz
50	residual_std_084	Jy beam^{-1}	Standard deviation of residual after source fitting at 84 MHz
51	psf_a_084	arcsec	Major axis of PSF at location of source at 84 MHz
52	psf_b_084	arcsec	Minor axis of PSF at location of source at 84 MHz
53	psf_pa_084	deg	Position angle of PSF at location of source at 84 MHz
54	background_092	Jy beam^{-1}	Background at 92 MHz
55	local_rms_092	Jy beam^{-1}	Local RMS at 92 MHz
56	peak_flux_092	Jy beam^{-1}	Peak flux density at 92 MHz
57	err_peak_flux_092	Jy beam^{-1}	Fitting error on peak flux density at 92 MHz
58	int_flux_092	Jy	Integrated flux density at 92 MHz

59	err_int_flux_092	Jy	Fitting error on integrated flux density at 92 MHz
60	a_092	arcsec	Major axis of source at 92 MHz
61	b_092	arcsec	Minor axis of source at 92 MHz
62	pa_092	deg	Position angle of source at 92 MHz
63	residual_mean_092	Jy beam^{-1}	Mean of residual after source fitting at 92 MHz
64	residual_std_092	Jy beam^{-1}	Standard deviation of residual after source fitting at 92 MHz
65	psf_a_092	arcsec	Major axis of PSF at location of source at 92 MHz
66	psf_b_092	arcsec	Minor axis of PSF at location of source at 92 MHz
67	psf_pa_092	deg	Position angle of PSF at location of source at 92 MHz
68	background_099	Jy beam^{-1}	Background at 99 MHz
69	local_rms_099	Jy beam^{-1}	Local RMS at 99 MHz
70	peak_flux_099	Jy beam^{-1}	Peak flux density at 99 MHz
71	err_peak_flux_099	Jy beam^{-1}	Fitting error on peak flux density at 99 MHz
72	int_flux_099	Jy	Integrated flux density at 99 MHz
73	err_int_flux_099	Jy	Fitting error on integrated flux density at 99 MHz
74	a_099	arcsec	Major axis of source at 99 MHz
75	b_099	arcsec	Minor axis of source at 99 MHz
76	pa_099	deg	Position angle of source at 99 MHz
77	residual_mean_099	Jy beam^{-1}	Mean of residual after source fitting at 99 MHz
78	residual_std_099	Jy beam^{-1}	Standard deviation of residual after source fitting at 99 MHz
79	psf_a_099	arcsec	Major axis of PSF at location of source at 99 MHz
80	psf_b_099	arcsec	Minor axis of PSF at location of source at 99 MHz
81	psf_pa_099	deg	Position angle of PSF at location of source at 99 MHz
82	background_107	Jy beam^{-1}	Background at 107 MHz
83	local_rms_107	Jy beam^{-1}	Local RMS at 107 MHz
84	peak_flux_107	Jy beam^{-1}	Peak flux density at 107 MHz
85	err_peak_flux_107	Jy beam^{-1}	Fitting error on peak flux density at 107 MHz
86	int_flux_107	Jy	Integrated flux density at 107 MHz
87	err_int_flux_107	Jy	Fitting error on integrated flux density at 107 MHz
88	a_107	arcsec	Major axis of source at 107 MHz
89	b_107	arcsec	Minor axis of source at 107 MHz
90	pa_107	deg	Position angle of source at 107 MHz
91	residual_mean_107	Jy beam^{-1}	Mean of residual after source fitting at 107 MHz
92	residual_std_107	Jy beam^{-1}	Standard deviation of residual after source fitting at 107 MHz
93	psf_a_107	arcsec	Major axis of PSF at location of source at 107 MHz
94	psf_b_107	arcsec	Minor axis of PSF at location of source at 107 MHz
95	psf_pa_107	deg	Position angle of PSF at location of source at 107 MHz
96	background_115	Jy beam^{-1}	Background at 115 MHz
97	local_rms_115	Jy beam^{-1}	Local RMS at 115 MHz
98	peak_flux_115	Jy beam^{-1}	Peak flux density at 115 MHz
99	err_peak_flux_115	Jy beam^{-1}	Fitting error on peak flux density at 115 MHz
100	int_flux_115	Jy	Integrated flux density at 115 MHz
101	err_int_flux_115	Jy	Fitting error on integrated flux density at 115 MHz
102	a_115	arcsec	Major axis of source at 115 MHz
103	b_115	arcsec	Minor axis of source at 115 MHz
104	pa_115	deg	Position angle of source at 115 MHz
105	residual_mean_115	Jy beam^{-1}	Mean of residual after source fitting at 115 MHz
106	residual_std_115	Jy beam^{-1}	Standard deviation of residual after source fitting at 115 MHz
107	psf_a_115	arcsec	Major axis of PSF at location of source at 115 MHz
108	psf_b_115	arcsec	Minor axis of PSF at location of source at 115 MHz
109	psf_pa_115	deg	Position angle of PSF at location of source at 115 MHz
110	background_122	Jy beam^{-1}	Background at 122 MHz
111	local_rms_122	Jy beam^{-1}	Local RMS at 122 MHz
112	peak_flux_122	Jy beam^{-1}	Peak flux density at 122 MHz
113	err_peak_flux_122	Jy beam^{-1}	Fitting error on peak flux density at 122 MHz
114	int_flux_122	Jy	Integrated flux density at 122 MHz
115	err_int_flux_122	Jy	Fitting error on integrated flux density at 122 MHz
116	a_122	arcsec	Major axis of source at 122 MHz
117	b_122	arcsec	Minor axis of source at 122 MHz
118	pa_122	deg	Position angle of source at 122 MHz
119	residual_mean_122	Jy beam^{-1}	Mean of residual after source fitting at 122 MHz

120	residual_std_122	Jy beam^{-1}	Standard deviation of residual after source fitting at 122 MHz
121	psf_a_122	arcsec	Major axis of PSF at location of source at 122 MHz
122	psf_b_122	arcsec	Minor axis of PSF at location of source at 122 MHz
123	psf_pa_122	deg	Position angle of PSF at location of source at 122 MHz
124	background_130	Jy beam^{-1}	Background at 130 MHz
125	local_rms_130	Jy beam^{-1}	Local RMS at 130 MHz
126	peak_flux_130	Jy beam^{-1}	Peak flux density at 130 MHz
127	err_peak_flux_130	Jy beam^{-1}	Fitting error on peak flux density at 130 MHz
128	int_flux_130	Jy	Integrated flux density at 130 MHz
129	err_int_flux_130	Jy	Fitting error on integrated flux density at 130 MHz
130	a_130	arcsec	Major axis of source at 130 MHz
131	b_130	arcsec	Minor axis of source at 130 MHz
132	pa_130	deg	Position angle of source at 130 MHz
133	residual_mean_130	Jy beam^{-1}	Mean of residual after source fitting at 130 MHz
134	residual_std_130	Jy beam^{-1}	Standard deviation of residual after source fitting at 130 MHz
135	psf_a_130	arcsec	Major axis of PSF at location of source at 130 MHz
136	psf_b_130	arcsec	Minor axis of PSF at location of source at 130 MHz
137	psf_pa_130	deg	Position angle of PSF at location of source at 130 MHz
138	background_143	Jy beam^{-1}	Background at 143 MHz
139	local_rms_143	Jy beam^{-1}	Local RMS at 143 MHz
140	peak_flux_143	Jy beam^{-1}	Peak flux density at 143 MHz
141	err_peak_flux_143	Jy beam^{-1}	Fitting error on peak flux density at 143 MHz
142	int_flux_143	Jy	Integrated flux density at 143 MHz
143	err_int_flux_143	Jy	Fitting error on integrated flux density at 143 MHz
144	a_143	arcsec	Major axis of source at 143 MHz
145	b_143	arcsec	Minor axis of source at 143 MHz
146	pa_143	deg	Position angle of source at 143 MHz
147	residual_mean_143	Jy beam^{-1}	Mean of residual after source fitting at 143 MHz
148	residual_std_143	Jy beam^{-1}	Standard deviation of residual after source fitting at 143 MHz
149	psf_a_143	arcsec	Major axis of PSF at location of source at 143 MHz
150	psf_b_143	arcsec	Minor axis of PSF at location of source at 143 MHz
151	psf_pa_143	deg	Position angle of PSF at location of source at 143 MHz
152	background_151	Jy beam^{-1}	Background at 151 MHz
153	local_rms_151	Jy beam^{-1}	Local RMS at 151 MHz
154	peak_flux_151	Jy beam^{-1}	Peak flux density at 151 MHz
155	err_peak_flux_151	Jy beam^{-1}	Fitting error on peak flux density at 151 MHz
156	int_flux_151	Jy	Integrated flux density at 151 MHz
157	err_int_flux_151	Jy	Fitting error on integrated flux density at 151 MHz
158	a_151	arcsec	Major axis of source at 151 MHz
159	b_151	arcsec	Minor axis of source at 151 MHz
160	pa_151	deg	Position angle of source at 151 MHz
161	residual_mean_151	Jy beam^{-1}	Mean of residual after source fitting at 151 MHz
162	residual_std_151	Jy beam^{-1}	Standard deviation of residual after source fitting at 151 MHz
163	psf_a_151	arcsec	Major axis of PSF at location of source at 151 MHz
164	psf_b_151	arcsec	Minor axis of PSF at location of source at 151 MHz
165	psf_pa_151	deg	Position angle of PSF at location of source at 151 MHz
166	background_158	Jy beam^{-1}	Background at 158 MHz
167	local_rms_158	Jy beam^{-1}	Local RMS at 158 MHz
168	peak_flux_158	Jy beam^{-1}	Peak flux density at 158 MHz
169	err_peak_flux_158	Jy beam^{-1}	Fitting error on peak flux density at 158 MHz
170	int_flux_158	Jy	Integrated flux density at 158 MHz
171	err_int_flux_158	Jy	Fitting error on integrated flux density at 158 MHz
172	a_158	arcsec	Major axis of source at 158 MHz
173	b_158	arcsec	Minor axis of source at 158 MHz
174	pa_158	deg	Position angle of source at 158 MHz
175	residual_mean_158	Jy beam^{-1}	Mean of residual after source fitting at 158 MHz
176	residual_std_158	Jy beam^{-1}	Standard deviation of residual after source fitting at 158 MHz
177	psf_a_158	arcsec	Major axis of PSF at location of source at 158 MHz
178	psf_b_158	arcsec	Minor axis of PSF at location of source at 158 MHz
179	psf_pa_158	deg	Position angle of PSF at location of source at 158 MHz
180	background_166	Jy beam^{-1}	Background at 166 MHz

181	local_rms_166	Jy beam^{-1}	Local RMS at 166 MHz
182	peak_flux_166	Jy beam^{-1}	Peak flux density at 166 MHz
183	err_peak_flux_166	Jy beam^{-1}	Fitting error on peak flux density at 166 MHz
184	int_flux_166	Jy	Integrated flux density at 166 MHz
185	err_int_flux_166	Jy	Fitting error on integrated flux density at 166 MHz
186	a_166	arcsec	Major axis of source at 166 MHz
187	b_166	arcsec	Minor axis of source at 166 MHz
188	pa_166	deg	Position angle of source at 166 MHz
189	residual_mean_166	Jy beam^{-1}	Mean of residual after source fitting at 166 MHz
190	residual_std_166	Jy beam^{-1}	Standard deviation of residual after source fitting at 166 MHz
191	psf_a_166	arcsec	Major axis of PSF at location of source at 166 MHz
192	psf_b_166	arcsec	Minor axis of PSF at location of source at 166 MHz
193	psf_pa_166	deg	Position angle of PSF at location of source at 166 MHz
194	background_174	Jy beam^{-1}	Background at 174 MHz
195	local_rms_174	Jy beam^{-1}	Local RMS at 174 MHz
196	peak_flux_174	Jy beam^{-1}	Peak flux density at 174 MHz
197	err_peak_flux_174	Jy beam^{-1}	Fitting error on peak flux density at 174 MHz
198	int_flux_174	Jy	Integrated flux density at 174 MHz
199	err_int_flux_174	Jy	Fitting error on integrated flux density at 174 MHz
200	a_174	arcsec	Major axis of source at 174 MHz
201	b_174	arcsec	Minor axis of source at 174 MHz
202	pa_174	deg	Position angle of source at 174 MHz
203	residual_mean_174	Jy beam^{-1}	Mean of residual after source fitting at 174 MHz
204	residual_std_174	Jy beam^{-1}	Standard deviation of residual after source fitting at 174 MHz
205	psf_a_174	arcsec	Major axis of PSF at location of source at 174 MHz
206	psf_b_174	arcsec	Minor axis of PSF at location of source at 174 MHz
207	psf_pa_174	deg	Position angle of PSF at location of source at 174 MHz
208	background_181	Jy beam^{-1}	Background at 181 MHz
209	local_rms_181	Jy beam^{-1}	Local RMS at 181 MHz
210	peak_flux_181	Jy beam^{-1}	Peak flux density at 181 MHz
211	err_peak_flux_181	Jy beam^{-1}	Fitting error on peak flux density at 181 MHz
212	int_flux_181	Jy	Integrated flux density at 181 MHz
213	err_int_flux_181	Jy	Fitting error on integrated flux density at 181 MHz
214	a_181	arcsec	Major axis of source at 181 MHz
215	b_181	arcsec	Minor axis of source at 181 MHz
216	pa_181	deg	Position angle of source at 181 MHz
217	residual_mean_181	Jy beam^{-1}	Mean of residual after source fitting at 181 MHz
218	residual_std_181	Jy beam^{-1}	Standard deviation of residual after source fitting at 181 MHz
219	psf_a_181	arcsec	Major axis of PSF at location of source at 181 MHz
220	psf_b_181	arcsec	Minor axis of PSF at location of source at 181 MHz
221	psf_pa_181	deg	Position angle of PSF at location of source at 181 MHz
222	background_189	Jy beam^{-1}	Background at 189 MHz
223	local_rms_189	Jy beam^{-1}	Local RMS at 189 MHz
224	peak_flux_189	Jy beam^{-1}	Peak flux density at 189 MHz
225	err_peak_flux_189	Jy beam^{-1}	Fitting error on peak flux density at 189 MHz
226	int_flux_189	Jy	Integrated flux density at 189 MHz
227	err_int_flux_189	Jy	Fitting error on integrated flux density at 189 MHz
228	a_189	arcsec	Major axis of source at 189 MHz
229	b_189	arcsec	Minor axis of source at 189 MHz
230	pa_189	deg	Position angle of source at 189 MHz
231	residual_mean_189	Jy beam^{-1}	Mean of residual after source fitting at 189 MHz
232	residual_std_189	Jy beam^{-1}	Standard deviation of residual after source fitting at 189 MHz
233	psf_a_189	arcsec	Major axis of PSF at location of source at 189 MHz
234	psf_b_189	arcsec	Minor axis of PSF at location of source at 189 MHz
235	psf_pa_189	deg	Position angle of PSF at location of source at 189 MHz
236	background_197	Jy beam^{-1}	Background at 197 MHz
237	local_rms_197	Jy beam^{-1}	Local RMS at 197 MHz
238	peak_flux_197	Jy beam^{-1}	Peak flux density at 197 MHz
239	err_peak_flux_197	Jy beam^{-1}	Fitting error on peak flux density at 197 MHz
240	int_flux_197	Jy	Integrated flux density at 197 MHz
241	err_int_flux_197	Jy	Fitting error on integrated flux density at 197 MHz

242	a_197	arcsec	Major axis of source at 197 MHz
243	b_197	arcsec	Minor axis of source at 197 MHz
244	pa_197	deg	Position angle of source at 197 MHz
245	residual_mean_197	Jy beam^{-1}	Mean of residual after source fitting at 197 MHz
246	residual_std_197	Jy beam^{-1}	Standard deviation of residual after source fitting at 197 MHz
247	psf_a_197	arcsec	Major axis of PSF at location of source at 197 MHz
248	psf_b_197	arcsec	Minor axis of PSF at location of source at 197 MHz
249	psf_pa_197	deg	Position angle of PSF at location of source at 197 MHz
250	background_204	Jy beam^{-1}	Background at 204 MHz
251	local_rms_204	Jy beam^{-1}	Local RMS at 204 MHz
252	peak_flux_204	Jy beam^{-1}	Peak flux density at 204 MHz
253	err_peak_flux_204	Jy beam^{-1}	Fitting error on peak flux density at 204 MHz
254	int_flux_204	Jy	Integrated flux density at 204 MHz
255	err_int_flux_204	Jy	Fitting error on integrated flux density at 204 MHz
256	a_204	arcsec	Major axis of source at 204 MHz
257	b_204	arcsec	Minor axis of source at 204 MHz
258	pa_204	deg	Position angle of source at 204 MHz
259	residual_mean_204	Jy beam^{-1}	Mean of residual after source fitting at 204 MHz
260	residual_std_204	Jy beam^{-1}	Standard deviation of residual after source fitting at 204 MHz
261	psf_a_204	arcsec	Major axis of PSF at location of source at 204 MHz
262	psf_b_204	arcsec	Minor axis of PSF at location of source at 204 MHz
263	psf_pa_204	deg	Position angle of PSF at location of source at 204 MHz
264	background_212	Jy beam^{-1}	Background at 212 MHz
265	local_rms_212	Jy beam^{-1}	Local RMS at 212 MHz
266	peak_flux_212	Jy beam^{-1}	Peak flux density at 212 MHz
267	err_peak_flux_212	Jy beam^{-1}	Fitting error on peak flux density at 212 MHz
268	int_flux_212	Jy	Integrated flux density at 212 MHz
269	err_int_flux_212	Jy	Fitting error on integrated flux density at 212 MHz
270	a_212	arcsec	Major axis of source at 212 MHz
271	b_212	arcsec	Minor axis of source at 212 MHz
272	pa_212	deg	Position angle of source at 212 MHz
273	residual_mean_212	Jy beam^{-1}	Mean of residual after source fitting at 212 MHz
274	residual_std_212	Jy beam^{-1}	Standard deviation of residual after source fitting at 212 MHz
275	psf_a_212	arcsec	Major axis of PSF at location of source at 212 MHz
276	psf_b_212	arcsec	Minor axis of PSF at location of source at 212 MHz
277	psf_pa_212	deg	Position angle of PSF at location of source at 212 MHz
278	background_220	Jy beam^{-1}	Background at 220 MHz
279	local_rms_220	Jy beam^{-1}	Local RMS at 220 MHz
280	peak_flux_220	Jy beam^{-1}	Peak flux density at 220 MHz
281	err_peak_flux_220	Jy beam^{-1}	Fitting error on peak flux density at 220 MHz
282	int_flux_220	Jy	Integrated flux density at 220 MHz
283	err_int_flux_220	Jy	Fitting error on integrated flux density at 220 MHz
284	a_220	arcsec	Major axis of source at 220 MHz
285	b_220	arcsec	Minor axis of source at 220 MHz
286	pa_220	deg	Position angle of source at 220 MHz
287	residual_mean_220	Jy beam^{-1}	Mean of residual after source fitting at 220 MHz
288	residual_std_220	Jy beam^{-1}	Standard deviation of residual after source fitting at 220 MHz
289	psf_a_220	arcsec	Major axis of PSF at location of source at 220 MHz
290	psf_b_220	arcsec	Minor axis of PSF at location of source at 220 MHz
291	psf_pa_220	deg	Position angle of PSF at location of source at 220 MHz
292	background_227	Jy beam^{-1}	Background at 227 MHz
293	local_rms_227	Jy beam^{-1}	Local RMS at 227 MHz
294	peak_flux_227	Jy beam^{-1}	Peak flux density at 227 MHz
295	err_peak_flux_227	Jy beam^{-1}	Fitting error on peak flux density at 227 MHz
296	int_flux_227	Jy	Integrated flux density at 227 MHz
297	err_int_flux_227	Jy	Fitting error on integrated flux density at 227 MHz
298	a_227	arcsec	Major axis of source at 227 MHz
299	b_227	arcsec	Minor axis of source at 227 MHz
300	pa_227	deg	Position angle of source at 227 MHz
301	residual_mean_227	Jy beam^{-1}	Mean of residual after source fitting at 227 MHz
302	residual_std_227	Jy beam^{-1}	Standard deviation of residual after source fitting at 227 MHz

303	psf_a_227	arcsec	Major axis of PSF at location of source at 227 MHz
304	psf_b_227	arcsec	Minor axis of PSF at location of source at 227 MHz
305	psf_pa_227	deg	Position angle of PSF at location of source at 227 MHz
306	int_flux_fit_200	Jy	Fitted flux density at 200 MHz
307	err_int_flux_fit_200	Jy	Error on fitted flux density at 200 MHz
308	alpha	−	Fitted 76–227 MHz spectral index assuming a power-law SED
309	err_alpha	−	Error on fitted spectral index
310	reduced_chi2	−	Reduced χ^2 statistic for power-law SED fit
311	int_flux_final_200	Jy	Best estimate of integrated flux density at 200 MHz
312	err_int_flux_final_200	Jy	Error on best estimate of integrated flux density at 200 MHz
313	extendedFlag	−	Extended flag: point-like (0) or extended (1)