

| Nr | Data | UT | nazwa | mag | ZC/SAO | typ | AA | A _k | h _k | F _k |
|----|-------|----|----------------------------------|-----|--------|-----|-----|----------------|----------------|----------------|
| | | h | | | | | | | | |
| 1 | I 3 | 5 | 42 Leonis | 6.2 | 1514 | oc | 344 | 243 | 36 | -0.83 |
| 2 | 8 | 2 | | 6.2 | 2088 | oc | 348 | 125 | 9 | -0.30 |
| 3 | 15 | 17 | | 6.3 | 3227 | zc | 95 | 235 | 2 | +0.07 |
| 4 | 16 | 15 | τ Aquarii | 4.1 | 3349 | zc | 47 | 207 | 23 | +0.13 |
| 5 | 16 | 16 | τ Aquarii | 4.1 | 3349 | oj | 251 | 224 | 16 | +0.13 |
| 6 | 17 | 15 | | 6.9 | 3484 | zc | 59 | 206 | 29 | +0.21 |
| 7 | 18 | 16 | | 7.4 | 128739 | zc | 62 | 200 | 35 | +0.29 |
| 8 | 18 | 19 | | 6.9 | 60 | zc | 95 | 247 | 13 | +0.30 |
| 9 | 19 | 19 | 35 Ceti | 6.6 | 178 | zc | 17 | 238 | 25 | +0.40 |
| 10 | 21 | 22 | 38 Arietis (UV) | 5.2 | 404 | zc | 31 | 259 | 23 | +0.59 |
| 11 | 23 | 19 | | 7.2 | 93840 | zc | 76 | 201 | 55 | +0.76 |
| 12 | 24 | 19 | | 7.1 | 76962 | zc | 30 | 164 | 61 | +0.84 |
| 13 | 26 | 3 | 8 Geminorum | 6.1 | 954 | zc | 105 | 287 | 18 | +0.92 |
| 14 | 26 | 17 | | 6.8 | 1052 | zc | 116 | 100 | 38 | +0.95 |
| 15 | 26 | 18 | | 6.8 | 1058 | zc | 50 | 123 | 55 | +0.96 |
| 16 | 26 | 22 | ω Geminorum | 5.2 | 1070 | zc | 144 | 191 | 61 | +0.96 |
| 17 | 27 | 0 | | 6.7 | 1080 | zc | 126 | 245 | 47 | +0.96 |
| 18 | 27 | 3 | 48 Geminorum | 5.9 | 1092 | zc | 93 | 276 | 26 | +0.97 |
| 19 | 27 | 19 | | 6.8 | 1195 | zc | 73 | 125 | 53 | +0.99 |
| 20 | 30 | 22 | | 6.9 | 1569 | oc | 295 | 129 | 41 | -0.94 |
| 21 | II 1 | 1 | v Virginis | 4.0 | 1702 | oc | 330 | 176 | 43 | -0.87 |
| 22 | 3 | 3 | 74 Virginis | 4.7 | 1941 | oc | 234 | 188 | 31 | -0.67 |
| 23 | 3 | 3 | 74 Virginis | 4.7 | 1941 | zj | 202 | 184 | 34 | -0.68 |
| 24 | 4 | 2 | 2 Librae | 6.2 | 2060 | oc | 242 | 152 | 21 | -0.57 |
| 25 | 4 | 3 | | 6.3 | 2064 | oc | 293 | 164 | 24 | -0.56 |
| 26 | 6 | 3 | | 6.6 | 2337 | oc | 219 | 145 | 10 | -0.34 |
| 27 | 7 | 4 | 39 Ophiuchi | 5.2 | 2490 | oc | 247 | 144 | 5 | -0.23 |
| 28 | 7 | 4 | | 6.7 | 185237 | oc | 248 | 144 | 5 | -0.23 |
| 29 | 7 | 4 | | 6.6 | 2491 | oc | 295 | 144 | 5 | -0.23 |
| 30 | 17 | 19 | | 7.1 | 352 | zc | 111 | 244 | 31 | +0.31 |
| 31 | 17 | 19 | ξ Arietis | 5.5 | 354 | zc | 50 | 251 | 27 | +0.31 |
| 32 | 17 | 19 | | 7.6 | 92942 | zc | 93 | 256 | 23 | +0.31 |
| 33 | 17 | 20 | | 7.3 | 92948 | zc | 75 | 260 | 21 | +0.32 |
| 34 | 17 | 20 | VW Arietis | 6.7 | 360 | zc | 105 | 264 | 18 | +0.32 |
| 35 | 22 | 20 | | 6.5 | 1015 | zc | 93 | 212 | 58 | +0.78 |
| 36 | 22 | 21 | | 6.8 | 1019 | zc | 124 | 225 | 55 | +0.78 |
| 37 | 22 | 21 | | 6.4 | 1023 | zc | 86 | 236 | 51 | +0.78 |
| 38 | 25 | 2 | γ Cancri | 4.7 | 1308 | zc | 92 | 275 | 23 | +0.94 |
| 39 | III 3 | 3 | 96 Virginis | 6.5 | 2028 | oc | 307 | 192 | 26 | -0.81 |
| 40 | 4 | 4 | v Librae | 5.2 | 2159 | oc | 267 | 200 | 18 | -0.71 |
| 41 | 5 | 4 | Kow Kin = ω ¹ Scorpii | 3.9 | 2307 | zj | 70 | 193 | 17 | -0.60 |
| 42 | 5 | 5 | Kow Kin = ω ¹ Scorpii | 3.9 | 2307 | oc | 328 | 202 | 13 | -0.59 |
| 43 | 16 | 18 | | 7.3 | 315 | zc | 110 | 263 | 16 | +0.10 |
| 44 | 16 | 18 | | 7.8 | 110353 | zc | 88 | 261 | 18 | +0.10 |
| 45 | 21 | 17 | 5 Geminorum | 5.8 | 936 | zc | 151 | 200 | 60 | +0.51 |
| 46 | 22 | 17 | | 6.9 | 79054 | zc | 76 | 170 | 60 | +0.61 |
| 47 | 22 | 22 | | 6.9 | 1097 | zc | 61 | 260 | 38 | +0.62 |
| 48 | 23 | 16 | | 6.4 | 1208 | zc | 128 | 138 | 57 | +0.71 |
| 49 | 23 | 23 | | 6.6 | 1239 | zc | 67 | 267 | 31 | +0.73 |

| Nr | UT | Gda | Gru | Kra | Kro | Łód | Lub | Ols | Poz | Szc | War | Wro | Zie |
|----|----|------|------|------|------|------|------|------|------|------|------|------|------|
| | h | m | m | m | m | m | m | m | m | m | m | m | m |
| 1 | 5 | 30.2 | 32.4 | 41.3 | 42.2 | 36.9 | 38.1 | 31.6 | 35.1 | 32.3 | 35.7 | 38.4 | 36.1 |
| 2 | 2 | 29.7 | 30.4 | 32.8 | 33.3 | 31.8 | 32.3 | 30.1 | 31.2 | 30.6 | 31.4 | 31.9 | 31.4 |
| 3 | 17 | 02.1 | 03.7 | 11.9 | | 07.6 | | | 04.2 | 00.5 | | 06.7 | 03.8 |
| 4 | 15 | 19.3 | 19.1 | 18.8 | 20.4 | 19.0 | 21.4 | 20.4 | 17.2 | 16.1 | 20.4 | 16.7 | 15.9 |
| 5 | 16 | 23.3 | 24.4 | 29.1 | 31.2 | 27.0 | 30.6 | 26.0 | 23.5 | 19.4 | 28.2 | 24.9 | 22.2 |
| 6 | 15 | 50.6 | 50.4 | 50.8 | 52.9 | 50.6 | 53.9 | 52.2 | 48.1 | | 52.3 | | |
| 7 | 16 | 06.4 | 06.1 | 05.8 | 08.2 | 06.0 | 09.7 | 08.1 | | | 08.0 | | |
| 8 | 19 | 52.2 | 54.0 | 63.5 | 65.7 | 58.3 | 61.5 | 54.4 | 55.3 | 51.5 | 58.2 | 58.4 | 55.3 |
| 9 | 19 | 42.0 | 41.1 | 39.0 | 39.9 | 39.8 | 41.0 | 42.1 | 39.1 | 39.3 | 40.9 | 38.0 | 38.0 |
| 10 | 22 | 13.9 | 13.6 | 13.5 | 14.4 | 13.4 | 14.9 | 14.6 | 12.1 | 11.1 | 14.3 | 11.8 | 11.1 |
| 11 | 19 | 62.3 | 62.6 | 66.0 | 69.3 | 64.2 | 69.4 | 65.1 | 60.0 | 56.4 | 66.4 | 60.5 | 57.8 |
| 12 | 19 | | | 10.2 | 11.6 | 14.3 | 16.4 | | | | 17.3 | 09.7 | 10.9 |
| 13 | 3 | 04.5 | 05.9 | | | 08.4 | | 05.1 | 08.0 | 06.7 | | 10.2 | 09.1 |
| 14 | 17 | 42.8 | 42.5 | 43.3 | 46.4 | 42.6 | 46.9 | 44.5 | 39.9 | 38.2 | 44.6 | 39.5 | 38.2 |
| 15 | 18 | | 66.8 | 56.6 | 57.4 | 61.3 | 62.4 | 69.1 | 61.6 | | 64.0 | 57.3 | 59.2 |
| 16 | 22 | 05.4 | 08.0 | 23.0 | 26.5 | 14.6 | 19.9 | 09.2 | 09.4 | 03.0 | 14.7 | 14.8 | 09.4 |
| 17 | 0 | 37.0 | 39.0 | 47.6 | 49.2 | 43.2 | 46.0 | 39.4 | 40.3 | 36.5 | 43.0 | 43.5 | 40.5 |
| 18 | 2 | 59.5 | 60.8 | 66.1 | 66.8 | 63.5 | 64.6 | 60.7 | 62.2 | 60.1 | 63.0 | 64.2 | 62.7 |
| 19 | 19 | | | 41.3 | 43.0 | | 46.4 | | | | | | |
| 20 | 22 | | | 04.6 | 06.6 | | 08.0 | | | | | | |
| 21 | 1 | 51.0 | 52.6 | 59.4 | 61.5 | 56.0 | 59.2 | 53.2 | 53.0 | 49.7 | 56.3 | 55.1 | 52.6 |
| 22 | 3 | 39.2 | 38.3 | | 40.5 | 36.7 | 46.7 | 43.6 | | | 43.2 | | |
| 23 | 3 | | | | 26.1 | | | | | | | | |
| 24 | 2 | 52.3 | 51.4 | 48.3 | 52.1 | 50.2 | 56.0 | 54.9 | 45.8 | 43.1 | 54.0 | 43.2 | 41.7 |
| 25 | 3 | 34.6 | 35.0 | 37.2 | 39.8 | 36.2 | 40.2 | 36.9 | 32.9 | 30.1 | 37.9 | 33.1 | 31.1 |
| 26 | 3 | 45.0 | 43.2 | 34.6 | 39.7 | 40.0 | 46.3 | 47.4 | 35.0 | | 45.1 | | |
| 27 | 4 | 36.1 | 35.1 | 31.9 | 34.3 | 33.7 | 37.6 | 37.8 | 31.0 | 29.5 | 36.6 | 29.0 | 28.2 |
| 28 | 4 | 36.2 | 35.2 | 32.1 | 34.4 | 33.8 | 37.7 | 37.9 | 31.1 | 29.6 | 36.6 | 29.1 | 28.3 |
| 29 | 4 | 35.9 | 35.4 | 34.5 | 36.1 | 35.0 | 37.6 | 37.0 | 33.2 | 32.1 | 36.6 | 32.4 | 31.8 |
| 30 | 19 | 02.1 | 04.5 | 18.7 | 22.3 | 10.8 | 15.5 | 05.2 | 06.2 | 00.7 | 10.5 | 11.1 | 06.3 |
| 31 | 19 | 35.0 | 35.3 | 37.7 | 39.0 | 36.4 | 38.5 | 36.3 | 34.5 | 32.6 | 37.1 | 35.2 | 33.7 |
| 32 | 19 | | | | | | | | | 56.6 | | | |
| 33 | 20 | 16.6 | 17.6 | 22.8 | 23.9 | 20.2 | 21.9 | 18.0 | 18.3 | 15.9 | 20.0 | 20.1 | 18.3 |
| 34 | 20 | 35.3 | 37.3 | 46.3 | 47.4 | 41.5 | 43.1 | 37.0 | 39.5 | 36.3 | 40.6 | 42.9 | 40.3 |
| 35 | 20 | 43.3 | 44.1 | 49.4 | 52.4 | 46.6 | 51.5 | 46.2 | 42.5 | 38.3 | 48.3 | 43.8 | 40.9 |
| 36 | 21 | 17.2 | 19.0 | 28.6 | 31.2 | 23.6 | 27.8 | 20.2 | 19.6 | 14.8 | 24.1 | 23.0 | 19.3 |
| 37 | 21 | 52.9 | 53.9 | 59.2 | 61.6 | 56.5 | 60.6 | 55.6 | 52.9 | 49.1 | 57.8 | 54.5 | 51.7 |
| 38 | 2 | 40.5 | 41.8 | 47.0 | 47.7 | 44.4 | 45.5 | 41.7 | 43.2 | 41.2 | 43.9 | 45.2 | 43.7 |
| 39 | 3 | 15.9 | 17.0 | 22.1 | 24.6 | 19.6 | 23.6 | 18.4 | 16.1 | 12.6 | 20.7 | 17.5 | 15.0 |
| 40 | 4 | 42.9 | 43.8 | 48.5 | 51.4 | 46.3 | 51.0 | 45.8 | 42.2 | 38.1 | 47.9 | 43.2 | 40.4 |
| 41 | 4 | | | 63.6 | | | | | 57.9 | | | 58.3 | 55.6 |
| 42 | 5 | | | | | | | | | 50.3 | | | |
| 43 | 18 | 30.4 | 32.5 | 43.2 | 44.5 | 37.4 | 39.2 | 32.2 | 35.1 | 31.6 | 36.3 | 39.2 | 36.2 |
| 44 | 18 | 04.7 | 06.2 | 13.7 | 15.0 | 09.8 | 11.9 | 06.4 | 07.5 | | 09.4 | 10.2 | 07.8 |
| 45 | 17 | 61.5 | 65.3 | | | 77.6 | 84.7 | 66.2 | 69.4 | 60.0 | 74.9 | | 72.0 |
| 46 | 17 | 29.1 | 28.7 | 29.2 | 32.4 | 28.9 | 33.9 | 31.5 | 25.1 | | 31.6 | 24.6 | |
| 47 | 22 | 10.2 | 10.8 | 14.5 | 16.4 | 12.7 | 16.0 | 12.4 | 09.7 | 06.6 | 13.9 | 10.8 | 08.7 |
| 48 | 16 | | | | 53.1 | | 52.8 | | | | | | |
| 49 | 23 | 43.2 | 44.2 | 48.5 | 49.9 | 46.3 | 48.9 | 45.1 | 43.9 | 41.2 | 47.0 | 45.4 | 43.5 |

| Nr | Data | UT | nazwa | mag | ZC/SAO | typ | AA | A _k | h _k | F _k |
|----|--------|----|------------------------------|-----|--------|-----|-----|----------------|----------------|----------------|
| | | h | | | | | | | | |
| 50 | III 27 | 18 | v Virginis | 4.0 | 1702 | zc | 89 | 114 | 25 | +0.99 |
| 51 | IV 4 | 6 | Nunki = σ Sagittarii | 2.1 | 2750 | zj | 78 | 196 | 10 | -0.52 |
| 52 | 14 | 19 | | 8.1 | 93441 | zc | 87 | 285 | 10 | +0.06 |
| 53 | 14 | 20 | | 7.1 | 505 | zc | 92 | 296 | 2 | +0.06 |
| 54 | 16 | 19 | | 6.7 | 761 | zc | 41 | 275 | 26 | +0.18 |
| 55 | 17 | 19 | | 7.2 | 77769 | zc | 71 | 264 | 36 | +0.26 |
| 56 | 17 | 19 | | 7.9 | 77776 | zc | 69 | 266 | 34 | +0.26 |
| 57 | 18 | 14 | ϵ Geminorum | 3.1 | 1030 | zc | 87 | 152 | 60 | +0.34 |
| 58 | 18 | 16 | ϵ Geminorum | 3.1 | 1030 | oj | 272 | 190 | 62 | +0.34 |
| 59 | 18 | 22 | | 6.8 | 1058 | zc | 144 | 287 | 18 | +0.36 |
| 60 | 19 | 18 | κ Geminorum | 3.6 | 1170 | zc | 83 | 218 | 57 | +0.45 |
| 61 | 19 | 18 | | 7.1 | 1168 | zc | 124 | 220 | 57 | +0.45 |
| 62 | 19 | 19 | κ Geminorum | 3.6 | 1170 | oj | 303 | 242 | 48 | +0.45 |
| 63 | 19 | 21 | | 7.1 | 79739 | zc | 55 | 271 | 30 | +0.46 |
| 64 | 22 | 19 | | 6.9 | 1535 | zc | 137 | 172 | 51 | +0.76 |
| 65 | 22 | 20 | 46 Leonis | 5.4 | 1544 | zc | 90 | 213 | 47 | +0.76 |
| 66 | 23 | 18 | | 6.7 | 1647 | zc | 105 | 149 | 42 | +0.85 |
| 67 | 23 | 21 | | 6.7 | 1659 | zc | 67 | 205 | 43 | +0.85 |
| 68 | 27 | 22 | v Librae | 5.2 | 2159 | oc | 297 | 154 | 17 | -0.99 |
| 69 | 28 | 21 | Kow Kin = ω^2 Scorpii | 4.3 | 2310 | oc | 327 | 138 | 6 | -0.95 |
| 70 | 30 | 2 | θ Ophiuchi | 3.3 | 2500 | zj | 76 | 184 | 12 | -0.87 |
| 71 | 30 | 3 | θ Ophiuchi | 3.3 | 2500 | oc | 304 | 199 | 10 | -0.87 |
| 72 | V 14 | 20 | | 8.0 | 77524 | zc | 80 | 300 | 9 | +0.08 |
| 73 | 16 | 19 | NQ Geminorum | 8.0 | 1140 | zc | 106 | 278 | 25 | +0.21 |
| 74 | 16 | 21 | | 7.7 | 79523 | zc | 127 | 291 | 15 | +0.22 |
| 75 | 16 | 22 | | 6.4 | 1155 | zc | 73 | 305 | 6 | +0.22 |
| 76 | 16 | 22 | | 6.2 | 1157 | zc | 96 | 309 | 3 | +0.22 |
| 77 | 19 | 17 | η Leonis | 3.5 | 1484 | zc | 48 | 174 | 53 | +0.49 |
| 78 | 19 | 17 | η Leonis | 3.5 | 1484 | oj | 5 | 185 | 53 | +0.49 |
| 79 | 21 | 14 | v Virginis | 4.0 | 1702 | zc | 131 | 109 | 21 | +0.70 |
| 80 | 25 | 23 | κ Librae | 4.8 | 2241 | zc | 157 | 194 | 15 | +0.00 |
| 81 | 28 | 22 | Nunki = σ Sagittarii | 2.1 | 2750 | oc | 348 | 142 | 3 | -0.91 |
| 82 | 28 | 22 | Nunki = σ Sagittarii | 2.1 | 2750 | zj | 16 | 142 | 5 | -0.91 |
| 83 | VI 13 | 20 | | 6.6 | 1239 | zc | 121 | 295 | 9 | +0.10 |
| 84 | 14 | 20 | | 7.7 | 1357 | zc | 131 | 285 | 14 | +0.17 |
| 85 | 22 | 18 | Kow Kin = ω^2 Scorpii | 4.3 | 2310 | zc | 33 | 153 | 14 | +0.94 |
| 86 | 23 | 23 | θ Ophiuchi | 3.3 | 2500 | zc | 64 | 203 | 8 | +0.99 |
| 87 | VII 1 | 0 | 33 Piscium | 4.6 | 5 | oc | 267 | 116 | 11 | -0.59 |
| 88 | 17 | 19 | | 6.7 | 1996 | zc | 161 | 224 | 21 | +0.54 |
| 89 | 22 | 18 | Nunki = σ Sagittarii | 2.1 | 2750 | zc | 11 | 145 | 4 | +0.98 |
| 90 | 22 | 18 | Nunki = σ Sagittarii | 2.1 | 2750 | oj | 357 | 147 | 5 | +0.98 |
| 91 | 27 | 0 | | 6.1 | 3374 | oc | 210 | 164 | 22 | -0.90 |
| 92 | VIII 2 | 23 | | 6.1 | 646 | oc | 333 | 68 | 10 | -0.27 |
| 93 | 6 | 1 | | 7.9 | 79014 | oc | 333 | 57 | 7 | -0.06 |
| 94 | 6 | 2 | | 6.9 | 79054 | oc | 257 | 71 | 17 | -0.06 |
| 95 | 21 | 22 | | 6.2 | 3178 | zc | 48 | 178 | 20 | +0.99 |
| 96 | 24 | 0 | | 6.2 | 3458 | oc | 287 | 192 | 26 | -0.97 |
| 97 | 28 | 3 | 31 Arietis | 5.6 | 384 | oc | 241 | 187 | 48 | -0.70 |
| 98 | 30 | 23 | | 7.2 | 739 | oc | 219 | 86 | 25 | -0.43 |

| Nr | UT | Gda | Gru | Kra | Kro | Łód | Lub | Ols | Poz | Szc | War | Wro | Zie |
|----|----|------|------|------|------|------|------|------|------|------|------|------|------|
| | h | m | m | m | m | m | m | m | m | m | m | m | m |
| 50 | 18 | 45.7 | 44.4 | 40.9 | 42.2 | 42.5 | 44.7 | 46.4 | 41.2 | 41.0 | 44.5 | 39.5 | 39.4 |
| 51 | 6 | | | 20.9 | 23.6 | | | | | | | 16.2 | 13.8 |
| 52 | 19 | 18.3 | 19.5 | 24.2 | 24.2 | 21.8 | 21.8 | 18.8 | 21.3 | 20.1 | 20.8 | 23.3 | 22.3 |
| 53 | 20 | | | | | | | | | 20.0 | | | |
| 54 | 19 | 40.4 | 40.4 | 41.8 | 42.9 | 41.0 | 43.1 | 41.7 | 39.2 | 37.4 | 42.0 | 39.6 | 38.4 |
| 55 | 19 | 26.9 | 27.8 | 32.3 | 33.8 | 30.1 | 32.7 | 28.8 | 27.6 | 24.8 | 30.7 | 29.1 | 27.1 |
| 56 | 19 | 39.1 | 40.0 | 44.4 | 45.8 | 42.2 | 44.6 | 40.9 | 39.9 | 37.2 | 42.7 | 41.3 | 39.4 |
| 57 | 14 | 63.8 | 63.6 | 64.9 | 68.1 | 64.1 | 69.3 | 66.4 | 60.2 | 57.2 | 66.8 | 59.9 | 57.8 |
| 58 | 16 | 25.0 | 25.7 | 28.8 | 32.0 | 27.6 | 32.9 | 28.2 | 23.3 | 19.3 | 29.9 | 23.7 | 21.1 |
| 59 | 22 | 14.8 | 16.7 | 23.7 | | 20.1 | 19.3 | 15.1 | 20.2 | 19.2 | 18.2 | 23.2 | 22.2 |
| 60 | 18 | 28.1 | 28.7 | 33.0 | 36.0 | 30.8 | 35.7 | 31.1 | 26.7 | 22.7 | 32.8 | 27.8 | 24.9 |
| 61 | 18 | 14.5 | 16.2 | 24.4 | 27.0 | 20.2 | 24.5 | 17.5 | 16.2 | | 21.0 | 18.9 | |
| 62 | 19 | 34.4 | 36.5 | 44.8 | 46.7 | 40.7 | 43.7 | 36.7 | 37.7 | 33.8 | 40.6 | 40.5 | 37.7 |
| 63 | 21 | 52.2 | 52.8 | 56.1 | 57.6 | 54.4 | | 54.2 | 51.9 | 49.1 | 55.5 | 53.0 | 51.1 |
| 64 | 19 | 09.2 | 10.4 | 16.6 | 19.1 | 13.3 | 17.6 | 11.9 | 09.8 | 06.0 | 14.5 | 11.8 | 09.0 |
| 65 | 20 | 64.4 | 65.3 | 70.1 | 73.1 | 67.8 | 72.8 | 67.5 | 63.5 | 59.3 | 69.6 | 64.8 | 61.9 |
| 66 | 18 | 50.2 | 50.1 | 51.5 | 54.2 | 50.8 | 55.2 | 52.6 | 47.4 | 44.6 | 53.0 | 47.4 | 45.5 |
| 67 | 21 | 43.9 | 43.7 | 45.8 | 49.9 | 44.7 | 52.4 | 48.4 | 39.2 | 34.4 | 48.8 | 39.3 | 36.2 |
| 68 | 22 | 05.3 | 05.3 | 06.2 | 08.2 | 05.8 | 09.1 | 06.9 | 03.3 | 01.4 | 07.4 | 03.1 | 01.8 |
| 69 | 21 | 39.9 | 40.1 | 41.0 | 41.7 | 40.6 | 41.6 | 40.3 | 39.8 | 39.3 | 40.9 | 39.9 | 39.5 |
| 70 | 2 | | | 17.3 | 20.2 | 16.2 | 20.9 | | | 12.3 | 08.8 | 18.3 | 12.6 |
| 71 | 3 | | 19.4 | 24.8 | | 22.2 | | | | 18.1 | 14.1 | | 19.6 |
| 72 | 20 | | 12.9 | 16.7 | | 14.8 | 14.4 | 12.1 | 14.8 | | 13.8 | 16.4 | 15.7 |
| 73 | 19 | | | 55.2 | 55.8 | 52.0 | 53.0 | | | | 51.2 | | |
| 74 | 21 | 15.2 | 16.8 | 22.6 | | 19.6 | 19.1 | 15.5 | 19.7 | 18.7 | 18.1 | 22.2 | 21.2 |
| 75 | 22 | 31.4 | 32.3 | | | 33.8 | | 31.4 | 34.2 | 33.8 | | 35.5 | 35.2 |
| 76 | 22 | 53.1 | | | | | | | | 56.3 | | | |
| 77 | 17 | | | 09.0 | 13.4 | 12.5 | 22.4 | | 06.7 | 03.8 | 22.0 | 03.3 | 01.6 |
| 78 | 17 | | | 45.8 | 46.9 | 37.6 | 36.6 | | 35.9 | 31.6 | 31.0 | 41.7 | 38.3 |
| 79 | 14 | 22.5 | 22.3 | 23.3 | 24.5 | 22.6 | 24.3 | 23.2 | 21.2 | | 23.3 | 21.5 | |
| 80 | 23 | 13.1 | | | | | 20.3 | 15.3 | | | 17.6 | | |
| 81 | 22 | | | 32.8 | | | | | | | | 33.4 | 33.3 |
| 82 | 22 | | | 19.3 | | | | | | | | | |
| 83 | 20 | | | 12.6 | 12.3 | | 09.5 | | | | | | |
| 84 | 20 | | | | 13.1 | | | | | | | | |
| 85 | 18 | | | | | | 40.0 | | | | | | |
| 86 | 23 | 39.3 | 40.0 | 43.3 | 45.8 | 41.8 | 45.8 | 41.8 | 38.3 | 34.9 | 43.3 | 39.0 | 36.7 |
| 87 | 23 | 06.6 | 05.1 | | 00.7 | 02.6 | 04.0 | 06.8 | 02.0 | 02.5 | 04.5 | 59.8 | 00.4 |
| 88 | 19 | | | 30.7 | 32.6 | | 30.1 | | | | | | |
| 89 | 18 | | | 40.2 | 43.3 | | 52.8 | | | | 52.0 | | |
| 90 | 18 | | | 64.8 | 65.0 | | 60.6 | | | | 60.0 | | |
| 91 | 0 | 25.1 | 24.1 | 20.4 | 21.4 | 22.4 | 24.3 | 25.9 | 21.0 | 20.3 | 24.4 | 19.3 | 19.1 |
| 92 | 23 | 31.6 | 32.0 | 31.7 | 32.1 | 32.1 | 33.4 | 33.4 | 30.7 | | 33.2 | 30.7 | 29.5 |
| 93 | 1 | 14.9 | 15.1 | 14.6 | 14.5 | 15.0 | 15.2 | 15.6 | 14.5 | 13.4 | 15.4 | 14.4 | 14.1 |
| 94 | 2 | 34.6 | 33.1 | 26.9 | 25.8 | 30.1 | 28.4 | 33.3 | 31.8 | 34.0 | 30.5 | 29.6 | 31.4 |
| 95 | 22 | | | 31.1 | | | | | | | | 28.0 | |
| 96 | 0 | 49.1 | 50.3 | 55.4 | 58.9 | 53.1 | 59.2 | 53.4 | 47.4 | 41.4 | 55.7 | 48.7 | 44.8 |
| 97 | 3 | 16.2 | 15.7 | 13.6 | 15.5 | 15.0 | 18.4 | 18.2 | 12.2 | 10.1 | 17.4 | 11.0 | 09.9 |
| 98 | 23 | | | | | | | 47.9 | | | | | |

| Nr | Data | UT | nazwa | mag | ZC/SAO | typ | AA | A _k | h _k | F _k |
|-----|---------|---------|--------------------------|-----|--------|-----|-----|----------------|----------------|----------------|
| 99 | VIII 31 | h 23 | | 6.8 | 880 | oc | 302 | 75 | 20 | -0.34 |
| 100 | IX 1 | 0 | 132 Tauri | 5.0 | 882 | oc | 259 | 82 | 25 | -0.34 |
| 101 | 1 | 2 | | 7.5 | 893 | oc | 316 | 105 | 46 | -0.33 |
| 102 | 2 | 0 | Mebstuta = ε Geminorum | 3.1 | 1030 | zj | 102 | 68 | 15 | -0.25 |
| 103 | 2 | 1 | Mebstuta = ε Geminorum | 3.1 | 1030 | oc | 245 | 78 | 22 | -0.25 |
| 104 | 2 | 3 | | 6.8 | 78778 | oc | 296 | 107 | 44 | -0.24 |
| 105 | 3 | 0 | | 6.4 | 1155 | oc | 228 | 67 | 13 | -0.17 |
| 106 | 3 | 2 | κ Geminorum | 3.6 | 1170 | zj | 122 | 88 | 29 | -0.16 |
| 107 | 3 | 3 | κ Geminorum | 3.6 | 1170 | oc | 241 | 100 | 37 | -0.16 |
| 108 | 11 | 17 | 26 Librae | 6.2 | 2182 | zc | 103 | 230 | 8 | +0.26 |
| 109 | 14 | 19 | | 4.7 | 2650 | zc | 144 | 203 | 6 | +0.60 |
| 110 | 17 | 22 | 33 Capricorni | 5.4 | 3130 | zc | 357 | 211 | 10 | +0.89 |
| 111 | 27 | 2 | | 6.9 | 76729 | oc | 336 | 170 | 62 | -0.68 |
| 112 | 28 | 2 | | 7.0 | 835 | oc | 263 | 134 | 54 | -0.59 |
| 113 | 30 | 3 | 57 Geminorum | 5.0 | 1117 | oc | 202 | 123 | 50 | -0.40 |
| 114 | X 3 | 3 | η Leonis | 3.5 | 1484 | zj | 49 | 102 | 29 | -0.13 |
| 115 | 3 | 4 | η Leonis | 3.5 | 1484 | oc | 349 | 110 | 34 | -0.13 |
| 116 | 4 | 4 | | 6.5 | 1598 | zj | 35 | 95 | 18 | -0.07 |
| 117 | 4 | 4 | | 6.5 | 1598 | oc | 359 | 100 | 23 | -0.06 |
| 118 | 8 | 15 | Zubenelgenubi = α Librae | 2.8 | 2118 | zc | 160 | 223 | 10 | +0.07 |
| 119 | 8 | 16 | Zubenelgenubi = α Librae | 2.8 | 2118 | oj | 240 | 237 | 6 | +0.07 |
| 120 | 16 | 17 | 69 Aquarii | 5.7 | 3343 | zc | 34 | 139 | 13 | +0.85 |
| 121 | 21 | 17 | 31 Arietis | 5.6 | 384 | oc | 247 | 87 | 13 | -0.99 |
| 122 | 22 | 22 | | 6.8 | 510 | oc | 278 | 143 | 49 | -0.95 |
| 123 | 23 | 21 | 53 Tauri | 5.5 | 633 | oc | 227 | 116 | 43 | -0.90 |
| 124 | 24 | 1 | | 7.1 | 76593 | oc | 249 | 182 | 61 | -0.90 |
| 125 | 25 | 23 | | 7.0 | 918 | oc | 262 | 107 | 43 | -0.76 |
| 126 | 27 | 0 | 40 Geminorum | 6.4 | 1062 | oc | 313 | 108 | 44 | -0.67 |
| 127 | 30 | 3 | | 6.5 | 1435 | oc | 3 | 121 | 42 | -0.37 |
| 128 | 30 | 4 | | 6.8 | 1436 | oc | 338 | 140 | 49 | -0.36 |
| 129 | 31 | 1 | 46 Leonis | 5.4 | 1544 | oc | 241 | 95 | 21 | -0.27 |
| 130 | 31 | 4 | | 7.8 | 99202 | oc | 263 | 127 | 39 | -0.27 |
| 131 | XI 1 | 1 | | 6.7 | 1647 | oc | 311 | 83 | 6 | -0.18 |
| 132 | 1 | 3 | | 6.7 | 1659 | oc | 309 | 111 | 25 | -0.18 |
| 133 | 13 | 20 | | 6.2 | 3458 | zc | 6 | 214 | 21 | +0.73 |
| 134 | 20 | 21 | | 6.6 | 734 | oc | 278 | 122 | 48 | -0.98 |
| 135 | 23 | 4 | | 7.0 | 1046 | oc | 253 | 249 | 45 | -0.88 |
| 136 | 23 | 5 | | 6.8 | 1049 | oc | 234 | 256 | 42 | -0.88 |
| 137 | 26 | 21 | η Leonis | 3.5 | 1484 | oc | 313 | 72 | 7 | -0.56 |
| 138 | 27 | 1 | | 7.1 | 1499 | oc | 300 | 121 | 39 | -0.54 |
| 139 | 27 | 6 | 42 Leonis | 6.2 | 1514 | oc | 241 | 219 | 45 | -0.53 |
| 140 | 27 | 23 | | 6.5 | 1598 | oc | 312 | 85 | 11 | -0.45 |
| 141 | XII 2 | 4 | | 8.2 | 158645 | oc | 349 | 120 | 5 | -0.06 |
| 142 | 8 | 18 | 35 Capricorni | 5.8 | 3141 | zc | 84 | 225 | 4 | +0.26 |
| 143 | 9 | 17 | | 7.3 | 3276 | zc | 37 | 204 | 21 | +0.35 |
| 144 | 10 | 20 | | 6.1 | 3413 | zc | 356 | 239 | 11 | +0.47 |
| 145 | 11 | 18 | | 6.6 | 3529 | zc | 54 | 192 | 29 | +0.57 |
| 146 | 15 | 21 | | 6.4 | 450 | zc | 13 | 218 | 47 | +0.91 |
| 147 | 17 | 21 | τ Tauri | 4.3 | 709 | zc | 30 | 187 | 59 | +0.99 |

| Nr | UT | Gda | Gru | Kra | Kro | Łód | Lub | Ols | Poz | Szc | War | Wro | Zie |
|-----|----|------|------|------|------|------|------|------|------|------|------|------|------|
| | h | m | m | m | m | m | m | m | m | m | m | m | m |
| 99 | 23 | 54.7 | 53.8 | 50.3 | 50.4 | 52.1 | 52.5 | 54.7 | 52.1 | 52.4 | 53.1 | 50.8 | 51.2 |
| 100 | 0 | 28.7 | 27.2 | 21.1 | 20.4 | 24.2 | 23.3 | 27.8 | 25.2 | 27.0 | 25.1 | 22.9 | 24.4 |
| 101 | 2 | | | 28.8 | 33.2 | | 33.1 | | | | | | |
| 102 | 0 | 07.0 | 05.9 | 01.9 | 01.6 | 03.8 | 03.3 | 06.1 | 04.7 | 06.3 | 04.3 | 03.2 | 04.3 |
| 103 | 0 | 61.8 | 60.0 | 52.8 | 51.6 | 56.5 | 54.7 | 60.3 | 58.2 | 60.7 | 57.1 | 55.6 | 57.6 |
| 104 | 3 | | | | | | | | | 49.1 | | 50.4 | 49.2 |
| 105 | 0 | 50.4 | 48.4 | 39.2 | 36.6 | 44.0 | 40.1 | 47.9 | 47.1 | 50.8 | 43.9 | 44.2 | 47.1 |
| 106 | 2 | 48.4 | 47.8 | 47.4 | 49.3 | 47.4 | 50.0 | 49.2 | 45.9 | 45.3 | 48.8 | 45.2 | 44.7 |
| 107 | 3 | 45.0 | 42.9 | 33.5 | 32.6 | 38.6 | 37.9 | 44.3 | 39.5 | 41.3 | 40.4 | 36.0 | 37.9 |
| 108 | 17 | | | 52.1 | 54.3 | | 52.7 | | | | | | |
| 109 | 19 | 12.9 | 14.4 | 23.0 | 27.9 | 18.5 | 25.6 | 16.8 | 12.9 | 07.7 | 20.5 | 15.2 | 11.2 |
| 110 | 22 | | 26.7 | 20.3 | 20.0 | 22.7 | 21.4 | 25.6 | 26.0 | | 22.8 | 22.9 | 26.8 |
| 111 | 2 | | | 69.1 | 75.2 | | 70.6 | | | | | 51.3 | |
| 112 | 1 | 62.5 | 61.7 | 58.3 | 60.1 | 60.3 | 63.7 | 64.3 | 58.0 | 56.4 | 62.9 | 56.2 | 55.6 |
| 113 | 3 | 09.1 | 01.8 | | | | | 04.0 | | 02.5 | | | |
| 114 | 3 | 54.4 | 51.1 | 41.9 | 42.2 | 46.1 | 46.4 | 53.1 | 46.7 | 49.4 | 48.2 | 43.1 | 44.8 |
| 115 | 4 | 27.4 | 29.4 | 35.0 | 37.1 | 32.8 | 36.3 | 30.4 | 29.7 | 26.0 | 33.5 | 31.3 | 29.1 |
| 116 | 4 | | | | | | | 14.1 | | 09.9 | | | |
| 117 | 4 | | 25.4 | 36.0 | | 32.3 | | 24.3 | 29.2 | 23.2 | 32.0 | 32.4 | 29.6 |
| 118 | 15 | 25.5 | 27.1 | 34.6 | 36.9 | 30.8 | 34.4 | 27.9 | 27.7 | 24.0 | 31.2 | 30.1 | 27.3 |
| 119 | 16 | | | 15.1 | 16.7 | | | | | | | | |
| 120 | 17 | 07.7 | 06.4 | 01.4 | 02.6 | 04.0 | 06.1 | 08.4 | 02.8 | 02.7 | 06.2 | 00.5 | 00.7 |
| 121 | 17 | 42.9 | 41.3 | 35.1 | 34.4 | 38.2 | 37.3 | 41.9 | 39.4 | | 39.1 | | |
| 122 | 22 | 35.2 | 34.8 | 33.7 | 36.2 | 34.5 | 39.0 | 37.8 | 30.9 | 28.0 | 37.3 | 29.9 | 28.2 |
| 123 | 21 | 56.0 | 54.1 | 46.2 | 45.9 | 50.3 | 50.3 | 55.6 | 50.7 | 52.1 | 52.1 | 47.7 | 49.1 |
| 124 | 1 | | | 14.2 | | | | | | | | 10.4 | |
| 125 | 23 | 12.6 | 11.1 | 05.8 | 06.4 | 08.7 | 10.1 | 13.0 | 07.8 | 07.9 | 10.7 | 05.6 | 06.0 |
| 126 | 0 | 08.1 | 08.4 | 09.4 | 11.7 | 09.3 | 13.5 | 10.8 | 05.8 | 02.6 | 11.5 | 05.8 | 03.9 |
| 127 | 3 | 07.2 | 11.5 | 21.8 | 24.5 | 17.5 | 22.0 | 11.9 | 13.2 | 07.6 | 17.8 | 16.4 | 12.9 |
| 128 | 4 | 13.6 | 15.4 | 22.1 | 24.9 | 19.0 | 23.4 | 16.5 | 15.2 | 11.1 | 20.0 | 17.2 | 14.3 |
| 129 | 1 | 45.1 | 42.3 | | | 35.8 | 33.0 | 43.7 | 38.2 | 41.6 | 37.9 | 32.6 | 36.4 |
| 130 | 3 | 64.5 | 63.2 | 57.0 | 58.8 | 60.6 | 63.8 | 65.8 | 58.7 | 58.2 | 63.6 | 55.8 | 56.0 |
| 131 | 1 | 18.2 | 17.7 | 15.7 | 15.5 | 16.8 | 16.8 | 18.0 | 17.0 | 17.5 | 17.2 | 16.3 | 16.7 |
| 132 | 3 | 36.4 | 36.2 | 35.4 | 36.5 | 36.0 | 38.0 | 37.4 | 34.6 | 33.8 | 37.2 | 34.0 | 33.5 |
| 133 | 20 | 49.9 | 48.7 | 45.1 | 45.7 | 46.7 | 47.3 | 49.2 | 46.9 | 48.5 | 47.7 | 45.2 | 46.0 |
| 134 | 21 | 09.2 | 08.4 | 05.8 | 07.7 | 07.4 | 10.7 | 11.0 | 04.9 | 03.2 | 09.9 | 03.4 | 02.6 |
| 135 | 4 | 35.3 | 36.2 | 39.7 | 42.3 | 38.2 | 42.4 | 37.9 | 34.5 | 30.9 | 39.8 | 35.1 | 32.8 |
| 136 | 4 | 61.7 | 62.1 | 63.0 | 66.0 | 63.1 | 67.6 | 64.2 | 59.2 | 55.9 | 65.3 | 58.4 | 56.4 |
| 137 | 21 | 47.8 | 47.3 | 45.2 | 45.0 | 46.4 | 46.1 | 47.6 | 46.7 | 47.2 | 46.7 | 45.9 | 46.4 |
| 138 | 1 | 40.4 | 40.2 | 39.7 | 41.7 | 40.2 | 43.5 | 42.1 | 37.8 | 36.2 | 42.1 | 37.1 | 36.1 |
| 139 | 6 | 30.2 | 30.2 | | | | | | 23.2 | 17.2 | | | |
| 140 | 23 | | | | 17.8 | | 18.8 | | | | 18.8 | | |
| 141 | 4 | | 25.3 | 27.8 | 28.0 | 26.6 | 26.8 | 24.6 | | | 26.1 | 27.2 | |
| 142 | 18 | 20.1 | 21.3 | 27.2 | 29.5 | 24.2 | 27.7 | 22.3 | 21.1 | 17.9 | 24.9 | 22.8 | 20.4 |
| 143 | 17 | | | | 10.5 | | | | | | | | |
| 144 | 20 | | | 27.5 | 24.9 | | | | | | | | |
| 145 | 17 | 63.9 | 63.7 | 64.0 | 66.5 | 63.9 | 67.8 | 65.8 | 61.0 | 58.9 | 66.0 | 60.4 | 59.0 |
| 146 | 21 | 55.9 | 53.8 | 48.3 | 50.0 | 50.8 | 53.1 | 56.0 | 49.7 | 50.3 | 53.2 | 47.0 | 47.3 |
| 147 | 21 | 58.2 | 56.1 | 50.7 | 52.8 | 53.2 | 56.5 | 58.8 | 51.4 | 51.4 | 56.1 | 48.6 | 48.6 |

| Nr | Data | UT | nazwa | mag | ZC/SAO | typ | AA | A _k | h _k | F _k |
|-----|--------|----|-------|-----|--------|-----|-----|----------------|----------------|----------------|
| | | h | | | | | | | | |
| 148 | XII 17 | 22 | | 6.9 | 76729 | zc | 61 | 207 | 57 | +0.99 |
| 149 | 24 | 23 | | 6.9 | 1569 | oc | 259 | 113 | 31 | -0.71 |
| 150 | 29 | 6 | | 7.0 | 2036 | oc | 304 | 176 | 25 | -0.27 |
| 151 | 31 | 4 | | 7.8 | 2304 | oc | 284 | 138 | 8 | -0.09 |

| Nr | UT | Gda | Gru | Kra | Kro | Łód | Lub | Ols | Poz | Szc | War | Wro | Zie |
|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | h | m | m | m | m | m | m | m | m | m | m | m | m |
| 148 | 22 | 47.2 | 47.0 | 48.0 | 51.1 | 47.4 | 52.2 | 49.6 | 43.7 | 40.9 | 49.9 | 43.3 | 41.3 |
| 149 | 23 | 40.4 | 38.6 | 29.8 | 30.3 | 34.8 | 36.5 | 40.8 | 34.3 | 35.1 | 37.6 | 30.7 | 31.9 |
| 150 | 6 | | | | | | | | | 30.6 | | | |
| 151 | 4 | | | | 56.2 | | | | | | | | |