ПРИЛОЖЕНИЕ № 1

к постановлению Правительства

Новосибирской области

от №

**Описание границ особо охраняемой природной территории регионального значения – государственного природного заказника «Южный» Новосибирской области**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Наименование заказника | Административный район расположения | Границы территории | | |
| № точки | координаты МСК НСО  X Y | координаты WGS-84  С.Ш. В.Д. |
| Особо охраняемая природная территория регионального значения – государственный природный заказник «Южный» Новосибирской области | Карасукский район Новосибирской области | |  | | --- | | Северная | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | | 16 | | 17 | | 18 | | 19 | | 20 | | 21 | | 22 | | 23 | | 24 | | 25 | | 26 | | 27 | | 28 | | 29 | | 30 | | 31 | | 32 | | 33 | | 34 | | 35 | | 36 | | 37 | | 38 | | 39 | | 40 | | 41 | | 42 | | 43 | | 44 | | 45 | | 46 | | 47 | | 48 | | 49 | | 50 | | 51 | | 52 | | 53 | | 54 | | 55 | | 56 | | 57 | | 58 | | 59 | | 60 | | 61 | | 62 | | 63 | | 64 | | 65 | | 66 | | 67 | | 68 | | 69 | | 70 | | 71 | | 72 | | 73 | | 74 | | 75 | | 76 | | 77 | | 78 | | 79 | | 80 | | 81 | | 82 | | 83 | | 84 | | 85 | | 86 | | 87 | | 88 | | 89 | | 90 | | 91 | | 92 | | 93 | | 94 | | 95 | | 96 | | 97 | | 98 | | 99 | | 100 | | 101 | | 102 | | 103 | | 104 | | 105 | | 106 | | 107 | | 108 | | 109 | | 110 | | 111 | | 112 | | 113 | | 114 | | 115 | | 116 | | 117 | | 118 | | 119 | | 120 | | 121 | | 122 | | 123 | | 124 | | 125 | | 126 | | 127 | | 128 | | 129 | | 130 | | 131 | | 132 | | 133 | | 134 | | 135 | | 136 | | 137 | | 138 | | 139 | | 140 | | 141 | | 142 | | 143 | | 144 | | 145 | | 146 | | 147 | | 148 | | 149 | | 150 | | 151 | | 152 | | 153 | | 154 | | 155 | | 156 | | 157 | | 158 | | 159 | | 160 | | 161 | | 162 | | 163 | | 164 | | 165 | | 166 | | 167 | | 168 | | 169 | | 170 | | 171 | | 172 | | 173 | | 174 | | 175 | | 176 | | 177 | | 178 | | 179 | | 180 | | 181 | | 182 | | 183 | | 184 | | 185 | | 186 | | 187 | | 188 | | 189 | | 190 | | аул Токпан | | 190 | | 191 | | 192 | | 193 | |  | | 193 | | 194 | | 195 | | 196 | | 197 | | 198 | | 199 | | 200 | | 201 | | 202 | | 203 | | 204 | | 205 | | 206 | | 207 | | 208 | | 209 | | 210 | | село Октябрьское | | 210 | | 211 | | 212 | | 213 | | 214 | | 215 | | 216 | | 217 | | 218 | | 219 | | 220 | | 221 | | 222 | | 223 | | 224 | |  | | 224 | | 225 | | 226 | | 227 | | 228 | | 229 | | 230 | | 231 | | 232 | | 233 | | 234 | | 235 | | 236 | | 237 | | 238 | | 239 | | 240 | | 241 | | 242 | | 243 | | 244 | | 245 | | 246 | | 247 | | 248 | | 249 | | 250 | | 251 | | 252 | | 253 | | 254 | | 255 | | 256 | | 257 | | 258 | | 259 | | 260 | | 261 | | 262 | | 263 | | 264 | | 265 | | 266 | | 267 | | 268 | | 269 | | 270 | | 271 | | 272 | | 273 | | 274 | | 275 | | 276 | | 277 | | 278 | | 279 | | 280 | | 281 | | 282 | | деревня Новоивановка | | 282 | | 283 | | 284 | | 285 | | 286 | | 287 | | 288 | | 289 | | 290 | | 291 | | 292 | |  | | 292 | | 293 | | 294 | | 295 | | 296 | | 297 | | 298 | | 299 | | 300 | | 301 | | Восточная | | 301 | | 302 | | 303 | | 304 | | 305 | | 306 | | 307 | | 308 | | 309 | | 310 | | 311 | | 312 | | 313 | | 314 | | 315 | | 316 | | 317 | | 318 | | 319 | | 320 | | 321 | | 322 | | 323 | | 324 | | 325 | | 326 | | 327 | | 328 | | 329 | | 330 | | 331 | | 332 | | 333 | | 334 | | 335 | | 336 | | 337 | | 338 | | 339 | | Юго-Западная | | 339 | | 340 | | 341 | | 342 | | 343 | | 344 | | 345 | | 346 | | 347 | | 348 | | 349 | | 350 | | 351 | | Западная | | 351 | | 352 | | 353 | | 354 | | 355 | | 356 | | 357 | | 358 | | 359 | | 360 | | 361 | | 362 | | 363 | | 364 | | 365 | | 366 | | 367 | | 368 | | 369 | | 370 | | 371 | | 372 | | 373 | | 374 | | 375 | | 376 | | 377 | | 378 | | село Демидовка | | 378 | | 379 | |  | | 379 | | 380 | | 381 | | 382 | | 383 | | 384 | | 385 | | 386 | | 387 | | 388 | | 389 | | 390 | | 391 | | 392 | | 393 | | 394 | | 395 | | 396 | | 397 | | 398 | | 399 | | 400 | | 401 | | 402 | | 403 | | 404 | | 405 | | 406 | | 407 | | 408 | | 409 | | 410 | | 411 | | 412 | | 413 | | 414 | | 1 | |  | | деревня Павловка | | 415 | | 416 | | 417 | | 418 | | 419 | | 420 | | 421 | | 422 | | 423 | | 424 | | 425 | | 426 | | 427 | | 428 | | 429 | | 430 | | 431 | | 432 | | 433 | | 434 | | 435 | | 436 | | 437 | | 438 | | 439 | | 440 | | 441 | | 442 | | 443 | | 444 | | 445 | | 446 | | 447 | | 448 | | 449 | | 450 | | 451 | | 452 | | 453 | | 454 | | 455 | | 456 | | 457 | | 415 | |  | | село Анисимовка | | 458 | | 459 | | 460 | | 461 | | 462 | | 463 | | 464 | | 465 | | 466 | | 467 | | 468 | | 469 | | 470 | | 471 | | 472 | | 473 | | 474 | | 475 | | 476 | | 477 | | 478 | | 479 | | 480 | | 481 | | 482 | | 483 | | 484 | | 485 | | 486 | | 487 | | 488 | | 489 | | 490 | | 491 | | 492 | | 458 | | |  |  | | --- | --- | |  |  | | 325153,35 | 2237812,55 | | 325196,79 | 2237826,36 | | 325287,21 | 2237860,35 | | 325319,83 | 2237886,63 | | 325354,28 | 2237921,99 | | 325403,21 | 2237958,24 | | 325431,32 | 2238008,08 | | 325440,38 | 2238047,96 | | 325481,16 | 2238173,95 | | 325518,33 | 2238356,11 | | 325522,86 | 2238527,42 | | 325519,36 | 2238690,25 | | 325340,78 | 2238950,83 | | 325085,65 | 2239122,13 | | 324952,62 | 2239198,67 | | 324778,2 | 2239228,74 | | 324587,64 | 2239332,62 | | 324492,48 | 2239418,26 | | 324401,83 | 2239510,28 | | 324225,9 | 2239669,73 | | 324049,22 | 2239774,06 | | 323867,99 | 2239861,07 | | 323749,6 | 2239911,63 | | 323485,16 | 2240031,91 | | 323362,66 | 2240071,08 | | 323337,17 | 2240089,76 | | 323311,66 | 2240130,77 | | 323292,99 | 2240210,49 | | 323289,35 | 2240258,32 | | 323305,75 | 2240352,17 | | 323394,54 | 2240476,99 | | 323421,41 | 2240562,19 | | 323473,31 | 2240663,34 | | 323577,14 | 2240810,93 | | 323828,49 | 2241010,47 | | 323567,57 | 2241746,68 | | 323773,85 | 2241923,44 | | 323849,17 | 2242055,97 | | 323923,55 | 2242222,09 | | 323953,44 | 2242324,97 | | 323992,37 | 2242447,31 | | 324025,04 | 2242520,28 | | 324030,59 | 2242546 | | 324024,29 | 2242569,44 | | 324004,25 | 2242594,05 | | 323813,72 | 2242741,33 | | 323811,64 | 2242780,96 | | 323893,65 | 2242874,09 | | 323985,41 | 2242937,35 | | 324058,41 | 2242944,99 | | 324139,03 | 2242971,41 | | 324168,92 | 2242997,13 | | 324228,01 | 2243058,31 | | 324360,77 | 2243169,51 | | 324402,48 | 2243202,18 | | 324444,19 | 2243225,13 | | 324495,63 | 2243262,65 | | 324553,32 | 2243310,62 | | 324614,84 | 2243343,98 | | 324690,6 | 2243384,99 | | 324740,66 | 2243416,27 | | 324780,97 | 2243457,28 | | 324839,36 | 2243528,18 | | 324885,59 | 2243571,27 | | 324990,54 | 2243689,44 | | 325035,04 | 2243746,44 | | 325131,47 | 2243831,42 | | 325052,92 | 2243873,13 | | 324893,74 | 2243921,08 | | 324827,01 | 2243932,22 | | 324774,18 | 2243948,89 | | 324713,01 | 2243962,79 | | 324658,79 | 2244002,42 | | 324571,21 | 2244075,41 | | 324491,27 | 2244150,48 | | 324432,88 | 2244199,13 | | 324361,98 | 2244255,43 | | 324282,93 | 2244315,04 | | 324196,74 | 2244345,62 | | 324072,3 | 2244365,08 | | 323979,86 | 2244383,86 | | 323886,71 | 2244433,89 | | 323793,56 | 2244481,16 | | 323604,5 | 2244601,42 | | 323452,96 | 2244704,98 | | 323412,64 | 2244770,33 | | 323294,48 | 2244932,98 | | 323238,87 | 2245004,58 | | 323192,29 | 2245056,02 | | 323133,9 | 2245111,62 | | 323050,49 | 2245176,96 | | 322920,81 | 2245261,06 | | 322891,64 | 2245265,24 | | 322861,76 | 2245259,68 | | 322774,92 | 2245216,59 | | 322745,04 | 2245207,54 | | 322688,06 | 2245189,48 | | 322647,77 | 2245176,26 | | 322622,75 | 2245176,26 | | 322588,01 | 2245195,04 | | 322551,88 | 2245220,06 | | 322499,78 | 2245249,25 | | 322443,5 | 2245272,2 | | 322382,7 | 2245306,25 | | 322277,1 | 2245363,24 | | 322156,22 | 2245407,74 | | 322063,82 | 2245449,43 | | 321860,24 | 2245521,72 | | 321696,47 | 2245594,03 | | 321579,71 | 2245645,12 | | 321476,84 | 2245736,16 | | 321318,36 | 2245871,02 | | 321158,83 | 2246002,4 | | 321114,33 | 2246029,5 | | 321018,42 | 2246057,83 | | 320935,01 | 2246096,05 | | 320824,48 | 2246096,05 | | 320718,13 | 2246078,68 | | 320673,56 | 2246076,42 | | 320641,59 | 2246089,62 | | 320604,4 | 2246118,83 | | 320534,2 | 2246166,78 | | 320486,23 | 2246191,12 | | 320441,05 | 2246229,34 | | 320420,9 | 2246262,02 | | 320370,15 | 2246300,24 | | 320268,73 | 2246341,6 | | 320208,26 | 2246369,41 | | 320121,96 | 2246420,85 | | 320022,73 | 2246471,59 | | 320000,49 | 2246475,76 | | 319976,85 | 2246468,11 | | 319921,24 | 2246445,87 | | 319865,64 | 2246427,79 | | 319816,29 | 2246403,47 | | 319784,31 | 2246388,16 | | 319754,42 | 2246385,4 | | 319721,06 | 2246390,95 | | 319669,13 | 2246410,06 | | 319636,28 | 2246418,06 | | 319560,87 | 2246466,71 | | 319517,07 | 2246495,92 | | 319430,52 | 2246533,11 | | 319438 | 2246549,78 | | 319440,44 | 2246582,11 | | 319444,27 | 2246609,22 | | 319439,39 | 2246626,94 | | 319432,1 | 2246648,14 | | 319432,1 | 2246668,98 | | 319442,52 | 2246690,53 | | 319466,86 | 2246720,07 | | 319466,15 | 2246755,88 | | 319452,94 | 2246785,42 | | 319445,13 | 2246920,96 | | 319427,05 | 2247025,23 | | 319420,8 | 2247089,87 | | 319387,44 | 2247179,55 | | 319365,89 | 2247305,37 | | 319330,43 | 2247424,22 | | 319245,63 | 2247593,13 | | 319151,1 | 2247753,69 | | 318990,53 | 2248001,15 | | 318950,11 | 2248091,45 | | 319012,02 | 2248241,78 | | 319182,55 | 2248643,42 | | 319234,69 | 2248766,46 | | 319285,42 | 2248862,38 | | 319331,31 | 2248928,41 | | 319207,58 | 2249004,87 | | 319156,13 | 2249015,3 | | 319088,01 | 2249066,04 | | 319008,08 | 2249086,2 | | 318919,82 | 2249134,7 | | 318326,5 | 2249594,84 | | 318271,85 | 2249671,36 | | 318199 | 2249900,97 | | 318148,57 | 2250014,17 | | 318101,31 | 2250103,13 | | 318020,67 | 2250233,82 | | 317965,76 | 2250306,1 | | 317928,23 | 2250383,95 | | 317860,8 | 2250454,17 | | 317781,55 | 2250578,58 | | 317746,11 | 2250622,38 | | 317684,59 | 2250750,28 | | 317663,04 | 2250817 | | 317639,4 | 2250895,55 | | 317607,43 | 2250963,66 | | 317451,72 | 2251218,08 | | 317257,09 | 2251535,03 | |  |  | | 317257,09 | 2251535,03 | | 317096,26 | 2251533,94 | | 316949,86 | 2251550,67 | | 316752,82 | 2251551,59 | |  |  | | 316752,82 | 2251551,59 | | 316654,23 | 2251691,38 | | 316505,52 | 2251969,49 | | 316549,33 | 2252206,98 | | 316546,12 | 2252452,29 | | 316495,77 | 2252662,21 | | 316516,72 | 2252800,7 | | 316997,96 | 2252713,48 | | 317585,93 | 2252627,6 | | 317622,4 | 2252693,92 | | 317722,53 | 2252927,08 | | 317784,08 | 2253068,61 | | 317797,97 | 2253100,57 | | 317877,7 | 2253260,92 | | 317953,76 | 2253408,07 | | 318019,97 | 2253535,58 | | 318105,05 | 2253700,86 | | 318139,6 | 2254573,56 | |  |  | | 318139,6 | 2254573,56 | | 318102,9 | 2254583,04 | | 318047,25 | 2254594,27 | | 317882,05 | 2254615,59 | | 317797,59 | 2254625,06 | | 317750,66 | 2254630,33 | | 317733,64 | 2254657,72 | | 317733,07 | 2254696,18 | | 317729,03 | 2254730,56 | | 317712,78 | 2254758,83 | | 317646,05 | 2254854,54 | | 317564,51 | 2254973,14 | | 317479,03 | 2255093,26 | | 317470,03 | 2255110,36 | | 317463,19 | 2255112,31 | |  |  | | 317463,19 | 2255112,31 | | 317452,92 | 2255130,23 | | 317456,7 | 2255130,54 | | 317445,56 | 2255144,13 | | 317439,51 | 2255153,53 | | 317347,53 | 2255296,8 | | 317280,83 | 2255465,28 | | 317211,38 | 2255624,38 | | 317133,47 | 2255810,47 | | 317037,67 | 2256041,19 | | 316944,45 | 2256262,24 | | 316850,8 | 2256486,67 | | 316831,9 | 2256535,24 | | 316772,71 | 2256687,21 | | 316747,65 | 2256740,87 | | 316715,44 | 2256786,95 | | 316567,88 | 2256846,17 | | 316298,36 | 2256944,63 | | 316082,75 | 2257028,59 | | 316040,19 | 2257048,85 | | 315984,94 | 2257081,2 | | 315934,53 | 2257114,84 | | 315861,09 | 2257256,37 | | 315856,01 | 2257268,35 | | 315852,1 | 2257277,55 | | 315775,22 | 2257458,69 | | 315669,49 | 2257720,78 | | 315556,34 | 2257995,68 | | 315457,92 | 2258230,28 | | 315438,72 | 2258273,9 | | 315410,2 | 2258338,78 | | 315368,98 | 2258422,36 | | 315334,74 | 2258464,11 | | 315299,7 | 2258493,76 | | 315166,85 | 2258592,18 | | 314955,28 | 2258738,41 | | 314716,1 | 2258908,22 | | 314483,01 | 2259066,48 | | 314274,1 | 2259217,57 | | 314092,86 | 2259342,23 | | 313895,85 | 2259476,21 | | 313847,05 | 2259507,34 | | 313799,5 | 2259562,48 | | 313775,64 | 2259601,01 | | 313762,16 | 2259642,8 | | 313747,41 | 2259706,66 | | 313747,35 | 2259714,33 | | 313735,54 | 2259716,22 | | 313732,63 | 2259735 | | 313744,72 | 2259737,12 | | 313743,55 | 2259748,63 | | 313734,68 | 2259891,56 | | 313717,83 | 2260116,65 | | 313701,87 | 2260365,73 | | 313692,02 | 2260472,06 | | 313692,02 | 2260530,27 | | 313690,78 | 2260547,7 | | 313680,52 | 2260547,43 | | 313444,68 | 2260589,88 | |  |  | | 313444,68 | 2260589,88 | | 313253,34 | 2260626,95 | | 313081,2 | 2260657,68 | | 313072,53 | 2260527,67 | | 312971,44 | 2260533,6 | | 312984,8 | 2260668,17 | | 312983,99 | 2260674,41 | | 312975,27 | 2260675,74 | | 312781,22 | 2260712,79 | | 312573,52 | 2260760,99 | | 312317,81 | 2260832,97 | |  |  | | 312317,81 | 2260832,97 | | 312211,16 | 2260862,41 | | 312108,26 | 2260891,58 | | 311881,87 | 2260956,99 | | 311591,49 | 2261043,92 | | 311374,51 | 2261109,01 | | 311185,25 | 2261167,25 | | 311161,45 | 2261174,33 | | 311146,62 | 2261175,83 | | 311691,54 | 2262612,65 | |  |  | | 311691,54 | 2262612,65 | | 311395,53 | 2262583,93 | | 310658,61 | 2262503,16 | | 309457,08 | 2262381,36 | | 308611,1 | 2262289,09 | | 308261,74 | 2263063,41 | | 307998,93 | 2263641,43 | | 306935,21 | 2263665,38 | | 306142,15 | 2263687,65 | | 305726,88 | 2264480,09 | | 305228,35 | 2265433,23 | | 305201,89 | 2265516,01 | | 305061,01 | 2265134,78 | | 304859,5 | 2264913,42 | | 304499,13 | 2264744,04 | | 304097,81 | 2264617,64 | | 303045,99 | 2264326,92 | | 302753,54 | 2264233,94 | | 302703,05 | 2264299,27 | | 302368,39 | 2264199,27 | | 302373,08 | 2264145,12 | | 302539,28 | 2264147,09 | | 302081,74 | 2263932 | | 301888,69 | 2264060,78 | | 301806,42 | 2263886,67 | | 301533,82 | 2263874,95 | | 301605,39 | 2263712,34 | | 301725,42 | 2263322,02 | | 302049,23 | 2262322,69 | | 302357,83 | 2261371,52 | | 302667,5 | 2260420,85 | | 301439,34 | 2260594,13 | | 300166,79 | 2260774,74 | | 299098,06 | 2260930,8 | | 298306,17 | 2261044,91 | | 297910,9 | 2261099,28 | | 296607,4 | 2261327,02 | | 295413,27 | 2261452,93 | | 294224,86 | 2261625,5 | |  |  | | 294224,86 | 2261625,5 | | 294236,27 | 2261584,77 | | 294258,94 | 2261558,91 | | 295133,51 | 2260591,57 | | 297518,62 | 2257896,4 | | 300579,07 | 2254428,62 | | 306195,07 | 2248160,85 | | 306212,89 | 2248143,79 | | 307910,86 | 2246245,95 | | 311397,28 | 2242328,01 | | 311629,34 | 2242074,49 | | 314740,59 | 2238714,17 | | 315465,67 | 2237916,66 | |  |  | | 315465,67 | 2237916,66 | | 315653,53 | 2237900,85 | | 315793,76 | 2237897,07 | | 316017,34 | 2237887,59 | | 316199,25 | 2237864,85 | | 316329,15 | 2237871,13 | | 316419,53 | 2237889,48 | | 316496,27 | 2237919,8 | | 316595,21 | 2237978,65 | | 316713,23 | 2238025,9 | | 316925,45 | 2238078,96 | | 317129,15 | 2238072,49 | | 317330 | 2238031,6 | | 317422,86 | 2238022,12 | | 317525,17 | 2237984,23 | | 317718,45 | 2237917,91 | | 317940,15 | 2237826,96 | | 318214,9 | 2237682,96 | | 318379,76 | 2237612,83 | | 318590,09 | 2237533,25 | | 318637,46 | 2237495,37 | | 318722,72 | 2237402,51 | | 318811,79 | 2237283,15 | | 319482,57 | 2236549,85 | | 319916,48 | 2236112,13 | | 320284,09 | 2235710,43 | | 320507,68 | 2235458,41 | | 320657,38 | 2235507,69 | |  |  | | 320657,38 | 2235507,69 | | 320916,34 | 2236335,86 | |  |  | | 320916,34 | 2236335,86 | | 320761,9 | 2236457,03 | | 320890,38 | 2236794,16 | | 321726,34 | 2236793,35 | | 321872,66 | 2236919,14 | | 321913,99 | 2236960,4 | | 321967,13 | 2237007,9 | | 322048,37 | 2237079,18 | | 322107,71 | 2237132,7 | | 322178,4 | 2237188,49 | | 322283,95 | 2237244,3 | | 322413,03 | 2237299,25 | | 322581,34 | 2237368,67 | | 322871,42 | 2237492,4 | | 323143,67 | 2237609,54 | | 323437,63 | 2237742,43 | | 323529,15 | 2237787,83 | | 323541,63 | 2237794,92 | | 323543,26 | 2237804,65 | | 323560,26 | 2237806,27 | | 323566,82 | 2237801,85 | | 323584,24 | 2237804,56 | | 323586,44 | 2237804,56 | | 323691,69 | 2237816,04 | | 323920,05 | 2237828,8 | | 324190,12 | 2237845,9 | | 324412,94 | 2237859,53 | | 324512,81 | 2237862,98 | | 324586,11 | 2237865,1 | | 324648,53 | 2237862,08 | | 324882,87 | 2237835,23 | | 325099,79 | 2237818,21 | | 325114,09 | 2237819,59 | | 325119,52 | 2237827,8 | | 325135,7 | 2237822,38 | | 325139,91 | 2237815,69 | | 325153,35 | 2237812,55 | |  |  | |  |  | | 310689,9 | 2251345,4 | | 310600,41 | 2251301,6 | | 310553,75 | 2251286,1 | | 310427,85 | 2251262,48 | | 310220,91 | 2251228,14 | | 310021,93 | 2251183,99 | | 310035,55 | 2251072,1 | | 309929,41 | 2251062,86 | | 309925,88 | 2251169,78 | | 309728,72 | 2251154,16 | | 309520,13 | 2251117,27 | | 309446,88 | 2251107,96 | | 309372,28 | 2251085,46 | | 309317,81 | 2251060,6 | | 309246,75 | 2251021,52 | | 309180,91 | 2250987,81 | | 309152,01 | 2251969,45 | | 309226,79 | 2252282,14 | | 309202,21 | 2252349,37 | | 309332,94 | 2252526,3 | | 308980,55 | 2252884,22 | | 309086,14 | 2252986,07 | | 309409,56 | 2253037,9 | | 309686,78 | 2252962,39 | | 309771,29 | 2252886,91 | | 309853,56 | 2252746,04 | | 309941,64 | 2252593,61 | | 310371,27 | 2252721,53 | | 310451,46 | 2252584,72 | | 310531,61 | 2252449,95 | | 310599,44 | 2252325,51 | | 310609,52 | 2252262,44 | | 310629,95 | 2252134,54 | | 310660,28 | 2251952,02 | | 310686,92 | 2251797,72 | | 310691,65 | 2251767,34 | | 310714,71 | 2251629,96 | | 310727,08 | 2251564,03 | | 310835,58 | 2251600,75 | | 310886,54 | 2251636,41 | | 310929,38 | 2251579,22 | | 310834,32 | 2251494,98 | | 310761,58 | 2251401,09 | | 310689,9 | 2251345,4 | |  |  | |  |  | | 308603 | 2257831,47 | | 308225,2 | 2257676,93 | | 307912,51 | 2257599,88 | | 307685,92 | 2257602,15 | | 307373,22 | 2257828,74 | | 307262,2 | 2258417,87 | | 307296,19 | 2258680,71 | | 307198,75 | 2258814,38 | | 307092,26 | 2259392,19 | | 307099,05 | 2259496,42 | | 307391,35 | 2259487,35 | | 307681,74 | 2259404,08 | | 307825,99 | 2259417,66 | | 307847,22 | 2259418,57 | | 308024,22 | 2259400,51 | | 308074,94 | 2259442,26 | | 308083,95 | 2259511 | | 308077,2 | 2259653 | | 307975,77 | 2259845,7 | | 307971,26 | 2259958,41 | | 308008,46 | 2260039,55 | | 308069,31 | 2260085,74 | | 308151,57 | 2260101,52 | | 308301,45 | 2260093,64 | | 308363,16 | 2260036,12 | | 308357,8 | 2259738,64 | | 308410,78 | 2259383,67 | | 308480,76 | 2259053,26 | | 308458,2 | 2258992,5 | | 308450,09 | 2258940,96 | | 308445,37 | 2258792,7 | | 308467,7 | 2258631,2 | | 308493,87 | 2258474,83 | | 308532,45 | 2258242,31 | | 308573,28 | 2258014,16 | | 308603 | 2257831,47 | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  | | 53° | 34' | 9,73 | " | 77° | 32' | 55,06 | " | | 53° | 34' | 11,14 | " | 77° | 32' | 55,8 | " | | 53° | 34' | 14,07 | " | 77° | 32' | 57,64 | " | | 53° | 34' | 15,12 | " | 77° | 32' | 59,06 | " | | 53° | 34' | 16,24 | " | 77° | 33' | 0,98 | " | | 53° | 34' | 17,83 | " | 77° | 33' | 2,94 | " | | 53° | 34' | 18,74 | " | 77° | 33' | 5,64 | " | | 53° | 34' | 19,04 | " | 77° | 33' | 7,81 | " | | 53° | 34' | 20,37 | " | 77° | 33' | 14,65 | " | | 53° | 34' | 21,58 | " | 77° | 33' | 24,54 | " | | 53° | 34' | 21,74 | " | 77° | 33' | 33,85 | " | | 53° | 34' | 21,64 | " | 77° | 33' | 42,7 | " | | 53° | 34' | 15,89 | " | 77° | 33' | 56,89 | " | | 53° | 34' | 7,65 | " | 77° | 34' | 6,23 | " | | 53° | 34' | 3,35 | " | 77° | 34' | 10,4 | " | | 53° | 33' | 57,71 | " | 77° | 34' | 12,06 | " | | 53° | 33' | 51,55 | " | 77° | 34' | 17,73 | " | | 53° | 33' | 48,48 | " | 77° | 34' | 22,39 | " | | 53° | 33' | 45,56 | " | 77° | 34' | 27,4 | " | | 53° | 33' | 39,88 | " | 77° | 34' | 36,09 | " | | 53° | 33' | 34,17 | " | 77° | 34' | 41,77 | " | | 53° | 33' | 28,31 | " | 77° | 34' | 46,52 | " | | 53° | 33' | 24,49 | " | 77° | 34' | 49,28 | " | | 53° | 33' | 15,94 | " | 77° | 34' | 55,85 | " | | 53° | 33' | 11,98 | " | 77° | 34' | 57,99 | " | | 53° | 33' | 11,16 | " | 77° | 34' | 59,01 | " | | 53° | 33' | 10,34 | " | 77° | 35' | 1,24 | " | | 53° | 33' | 9,74 | " | 77° | 35' | 5,57 | " | | 53° | 33' | 9,62 | " | 77° | 35' | 8,17 | " | | 53° | 33' | 10,16 | " | 77° | 35' | 13,26 | " | | 53° | 33' | 13,04 | " | 77° | 35' | 20,03 | " | | 53° | 33' | 13,92 | " | 77° | 35' | 24,66 | " | | 53° | 33' | 15,6 | " | 77° | 35' | 30,15 | " | | 53° | 33' | 18,97 | " | 77° | 35' | 38,15 | " | | 53° | 33' | 27,11 | " | 77° | 35' | 48,97 | " | | 53° | 33' | 18,72 | " | 77° | 36' | 28,99 | " | | 53° | 33' | 25,4 | " | 77° | 36' | 38,57 | " | | 53° | 33' | 27,84 | " | 77° | 36' | 45,76 | " | | 53° | 33' | 30,26 | " | 77° | 36' | 54,78 | " | | 53° | 33' | 31,23 | " | 77° | 37' | 0,37 | " | | 53° | 33' | 32,49 | " | 77° | 37' | 7,01 | " | | 53° | 33' | 33,55 | " | 77° | 37' | 10,97 | " | | 53° | 33' | 33,74 | " | 77° | 37' | 12,37 | " | | 53° | 33' | 33,53 | " | 77° | 37' | 13,64 | " | | 53° | 33' | 32,89 | " | 77° | 37' | 14,98 | " | | 53° | 33' | 26,73 | " | 77° | 37' | 23 | " | | 53° | 33' | 26,67 | " | 77° | 37' | 25,15 | " | | 53° | 33' | 29,32 | " | 77° | 37' | 30,2 | " | | 53° | 33' | 32,29 | " | 77° | 37' | 33,63 | " | | 53° | 33' | 34,66 | " | 77° | 37' | 34,04 | " | | 53° | 33' | 37,26 | " | 77° | 37' | 35,47 | " | | 53° | 33' | 38,23 | " | 77° | 37' | 36,86 | " | | 53° | 33' | 40,15 | " | 77° | 37' | 40,18 | " | | 53° | 33' | 44,45 | " | 77° | 37' | 46,21 | " | | 53° | 33' | 45,8 | " | 77° | 37' | 47,98 | " | | 53° | 33' | 47,15 | " | 77° | 37' | 49,23 | " | | 53° | 33' | 48,81 | " | 77° | 37' | 51,26 | " | | 53° | 33' | 50,68 | " | 77° | 37' | 53,86 | " | | 53° | 33' | 52,67 | " | 77° | 37' | 55,67 | " | | 53° | 33' | 55,13 | " | 77° | 37' | 57,89 | " | | 53° | 33' | 56,75 | " | 77° | 37' | 59,59 | " | | 53° | 33' | 58,05 | " | 77° | 38' | 1,82 | " | | 53° | 33' | 59,94 | " | 77° | 38' | 5,66 | " | | 53° | 34' | 1,44 | " | 77° | 38' | 8 | " | | 53° | 34' | 4,84 | " | 77° | 38' | 14,41 | " | | 53° | 34' | 6,28 | " | 77° | 38' | 17,51 | " | | 53° | 34' | 9,41 | " | 77° | 38' | 22,12 | " | | 53° | 34' | 6,87 | " | 77° | 38' | 24,39 | " | | 53° | 34' | 1,72 | " | 77° | 38' | 27,01 | " | | 53° | 33' | 59,56 | " | 77° | 38' | 27,62 | " | | 53° | 33' | 57,85 | " | 77° | 38' | 28,53 | " | | 53° | 33' | 55,88 | " | 77° | 38' | 29,29 | " | | 53° | 33' | 54,12 | " | 77° | 38' | 31,44 | " | | 53° | 33' | 51,29 | " | 77° | 38' | 35,42 | " | | 53° | 33' | 48,71 | " | 77° | 38' | 39,5 | " | | 53° | 33' | 46,82 | " | 77° | 38' | 42,15 | " | | 53° | 33' | 44,53 | " | 77° | 38' | 45,21 | " | | 53° | 33' | 41,98 | " | 77° | 38' | 48,46 | " | | 53° | 33' | 39,19 | " | 77° | 38' | 50,12 | " | | 53° | 33' | 35,17 | " | 77° | 38' | 51,19 | " | | 53° | 33' | 32,18 | " | 77° | 38' | 52,21 | " | | 53° | 33' | 29,17 | " | 77° | 38' | 54,94 | " | | 53° | 33' | 26,16 | " | 77° | 38' | 57,51 | " | | 53° | 33' | 20,04 | " | 77° | 39' | 4,06 | " | | 53° | 33' | 15,15 | " | 77° | 39' | 9,69 | " | | 53° | 33' | 13,84 | " | 77° | 39' | 13,24 | " | | 53° | 33' | 10,03 | " | 77° | 39' | 22,09 | " | | 53° | 33' | 8,23 | " | 77° | 39' | 25,98 | " | | 53° | 33' | 6,73 | " | 77° | 39' | 28,77 | " | | 53° | 33' | 4,84 | " | 77° | 39' | 31,8 | " | | 53° | 33' | 2,14 | " | 77° | 39' | 35,35 | " | | 53° | 32' | 57,95 | " | 77° | 39' | 39,93 | " | | 53° | 32' | 57,01 | " | 77° | 39' | 40,16 | " | | 53° | 32' | 56,04 | " | 77° | 39' | 39,86 | " | | 53° | 32' | 53,23 | " | 77° | 39' | 37,52 | " | | 53° | 32' | 52,27 | " | 77° | 39' | 37,03 | " | | 53° | 32' | 50,42 | " | 77° | 39' | 36,05 | " | | 53° | 32' | 49,12 | " | 77° | 39' | 35,34 | " | | 53° | 32' | 48,31 | " | 77° | 39' | 35,34 | " | | 53° | 32' | 47,19 | " | 77° | 39' | 36,36 | " | | 53° | 32' | 46,02 | " | 77° | 39' | 37,72 | " | | 53° | 32' | 44,33 | " | 77° | 39' | 39,31 | " | | 53° | 32' | 42,51 | " | 77° | 39' | 40,56 | " | | 53° | 32' | 40,55 | " | 77° | 39' | 42,41 | " | | 53° | 32' | 37,13 | " | 77° | 39' | 45,51 | " | | 53° | 32' | 33,23 | " | 77° | 39' | 47,93 | " | | 53° | 32' | 30,24 | " | 77° | 39' | 50,2 | " | | 53° | 32' | 23,66 | " | 77° | 39' | 54,14 | " | | 53° | 32' | 18,36 | " | 77° | 39' | 58,07 | " | | 53° | 32' | 14,59 | " | 77° | 40' | 0,85 | " | | 53° | 32' | 11,26 | " | 77° | 40' | 5,8 | " | | 53° | 32' | 6,14 | " | 77° | 40' | 13,13 | " | | 53° | 32' | 0,98 | " | 77° | 40' | 20,27 | " | | 53° | 31' | 59,54 | " | 77° | 40' | 21,75 | " | | 53° | 31' | 56,44 | " | 77° | 40' | 23,29 | " | | 53° | 31' | 53,74 | " | 77° | 40' | 25,37 | " | | 53° | 31' | 50,17 | " | 77° | 40' | 25,37 | " | | 53° | 31' | 46,73 | " | 77° | 40' | 24,44 | " | | 53° | 31' | 45,29 | " | 77° | 40' | 24,31 | " | | 53° | 31' | 44,25 | " | 77° | 40' | 25,03 | " | | 53° | 31' | 43,05 | " | 77° | 40' | 26,62 | " | | 53° | 31' | 40,78 | " | 77° | 40' | 29,23 | " | | 53° | 31' | 39,23 | " | 77° | 40' | 30,55 | " | | 53° | 31' | 37,77 | " | 77° | 40' | 32,63 | " | | 53° | 31' | 37,12 | " | 77° | 40' | 34,4 | " | | 53° | 31' | 35,48 | " | 77° | 40' | 36,48 | " | | 53° | 31' | 32,2 | " | 77° | 40' | 38,73 | " | | 53° | 31' | 30,24 | " | 77° | 40' | 40,24 | " | | 53° | 31' | 27,45 | " | 77° | 40' | 43,04 | " | | 53° | 31' | 24,25 | " | 77° | 40' | 45,79 | " | | 53° | 31' | 23,53 | " | 77° | 40' | 46,02 | " | | 53° | 31' | 22,76 | " | 77° | 40' | 45,61 | " | | 53° | 31' | 20,96 | " | 77° | 40' | 44,4 | " | | 53° | 31' | 19,16 | " | 77° | 40' | 43,42 | " | | 53° | 31' | 17,57 | " | 77° | 40' | 42,11 | " | | 53° | 31' | 16,53 | " | 77° | 40' | 41,28 | " | | 53° | 31' | 15,56 | " | 77° | 40' | 41,13 | " | | 53° | 31' | 14,49 | " | 77° | 40' | 41,43 | " | | 53° | 31' | 12,81 | " | 77° | 40' | 42,47 | " | | 53° | 31' | 11,74 | " | 77° | 40' | 42,91 | " | | 53° | 31' | 9,31 | " | 77° | 40' | 45,55 | " | | 53° | 31' | 7,89 | " | 77° | 40' | 47,14 | " | | 53° | 31' | 5,09 | " | 77° | 40' | 49,16 | " | | 53° | 31' | 5,33 | " | 77° | 40' | 50,06 | " | | 53° | 31' | 5,41 | " | 77° | 40' | 51,82 | " | | 53° | 31' | 5,54 | " | 77° | 40' | 53,29 | " | | 53° | 31' | 5,38 | " | 77° | 40' | 54,25 | " | | 53° | 31' | 5,15 | " | 77° | 40' | 55,4 | " | | 53° | 31' | 5,15 | " | 77° | 40' | 56,53 | " | | 53° | 31' | 5,48 | " | 77° | 40' | 57,7 | " | | 53° | 31' | 6,27 | " | 77° | 40' | 59,3 | " | | 53° | 31' | 6,25 | " | 77° | 41' | 1,25 | " | | 53° | 31' | 5,82 | " | 77° | 41' | 2,85 | " | | 53° | 31' | 5,57 | " | 77° | 41' | 10,21 | " | | 53° | 31' | 4,99 | " | 77° | 41' | 15,87 | " | | 53° | 31' | 4,79 | " | 77° | 41' | 19,38 | " | | 53° | 31' | 3,71 | " | 77° | 41' | 24,24 | " | | 53° | 31' | 3,02 | " | 77° | 41' | 31,07 | " | | 53° | 31' | 1,87 | " | 77° | 41' | 37,52 | " | | 53° | 30' | 59,13 | " | 77° | 41' | 46,69 | " | | 53° | 30' | 56,08 | " | 77° | 41' | 55,41 | " | | 53° | 30' | 50,89 | " | 77° | 42' | 8,84 | " | | 53° | 30' | 49,58 | " | 77° | 42' | 13,75 | " | | 53° | 30' | 51,59 | " | 77° | 42' | 21,9 | " | | 53° | 30' | 57,11 | " | 77° | 42' | 43,7 | " | | 53° | 30' | 58,79 | " | 77° | 42' | 50,37 | " | | 53° | 31' | 0,44 | " | 77° | 42' | 55,58 | " | | 53° | 31' | 1,92 | " | 77° | 42' | 59,16 | " | | 53° | 30' | 57,92 | " | 77° | 43' | 3,31 | " | | 53° | 30' | 56,25 | " | 77° | 43' | 3,88 | " | | 53° | 30' | 54,05 | " | 77° | 43' | 6,63 | " | | 53° | 30' | 51,47 | " | 77° | 43' | 7,73 | " | | 53° | 30' | 48,61 | " | 77° | 43' | 10,36 | " | | 53° | 30' | 29,42 | " | 77° | 43' | 35,33 | " | | 53° | 30' | 27,65 | " | 77° | 43' | 39,49 | " | | 53° | 30' | 25,3 | " | 77° | 43' | 51,95 | " | | 53° | 30' | 23,67 | " | 77° | 43' | 58,09 | " | | 53° | 30' | 22,14 | " | 77° | 44' | 2,92 | " | | 53° | 30' | 19,53 | " | 77° | 44' | 10,01 | " | | 53° | 30' | 17,75 | " | 77° | 44' | 13,93 | " | | 53° | 30' | 16,54 | " | 77° | 44' | 18,15 | " | | 53° | 30' | 14,36 | " | 77° | 44' | 21,96 | " | | 53° | 30' | 11,79 | " | 77° | 44' | 28,71 | " | | 53° | 30' | 10,65 | " | 77° | 44' | 31,09 | " | | 53° | 30' | 8,66 | " | 77° | 44' | 38,03 | " | | 53° | 30' | 7,96 | " | 77° | 44' | 41,64 | " | | 53° | 30' | 7,2 | " | 77° | 44' | 45,91 | " | | 53° | 30' | 6,16 | " | 77° | 44' | 49,6 | " | | 53° | 30' | 1,12 | " | 77° | 45' | 3,4 | " | | 53° | 29' | 54,82 | " | 77° | 45' | 20,59 | " | |  |  |  |  |  |  |  |  | | 53° | 29' | 54,82 | " | 77° | 45' | 20,59 | " | | 53° | 29' | 49,62 | " | 77° | 45' | 20,53 | " | | 53° | 29' | 44,89 | " | 77° | 45' | 21,44 | " | | 53° | 29' | 38,51 | " | 77° | 45' | 21,48 | " | |  |  |  |  |  |  |  |  | | 53° | 29' | 38,51 | " | 77° | 45' | 21,48 | " | | 53° | 29' | 35,32 | " | 77° | 45' | 29,06 | " | | 53° | 29' | 30,51 | " | 77° | 45' | 44,15 | " | | 53° | 29' | 31,92 | " | 77° | 45' | 57,03 | " | | 53° | 29' | 31,81 | " | 77° | 46' | 10,33 | " | | 53° | 29' | 30,18 | " | 77° | 46' | 21,72 | " | | 53° | 29' | 30,86 | " | 77° | 46' | 29,23 | " | | 53° | 29' | 46,43 | " | 77° | 46' | 24,51 | " | | 53° | 30' | 5,45 | " | 77° | 46' | 19,87 | " | | 53° | 30' | 6,62 | " | 77° | 46' | 23,47 | " | | 53° | 30' | 9,86 | " | 77° | 46' | 36,13 | " | | 53° | 30' | 11,85 | " | 77° | 46' | 43,81 | " | | 53° | 30' | 12,3 | " | 77° | 46' | 45,54 | " | | 53° | 30' | 14,87 | " | 77° | 46' | 54,24 | " | | 53° | 30' | 17,33 | " | 77° | 47' | 2,23 | " | | 53° | 30' | 19,47 | " | 77° | 47' | 9,15 | " | | 53° | 30' | 22,21 | " | 77° | 47' | 18,12 | " | | 53° | 30' | 23,31 | " | 77° | 48' | 5,48 | " | |  |  |  |  |  |  |  |  | | 53° | 30' | 23,31 | " | 77° | 48' | 5,48 | " | | 53° | 30' | 22,12 | " | 77° | 48' | 5,99 | " | | 53° | 30' | 20,32 | " | 77° | 48' | 6,59 | " | | 53° | 30' | 14,98 | " | 77° | 48' | 7,74 | " | | 53° | 30' | 12,24 | " | 77° | 48' | 8,25 | " | | 53° | 30' | 10,72 | " | 77° | 48' | 8,54 | " | | 53° | 30' | 10,17 | " | 77° | 48' | 10,02 | " | | 53° | 30' | 10,15 | " | 77° | 48' | 12,11 | " | | 53° | 30' | 10,02 | " | 77° | 48' | 13,97 | " | | 53° | 30' | 9,5 | " | 77° | 48' | 15,5 | " | | 53° | 30' | 7,33 | " | 77° | 48' | 20,69 | " | | 53° | 30' | 4,69 | " | 77° | 48' | 27,12 | " | | 53° | 30' | 1,92 | " | 77° | 48' | 33,64 | " | | 53° | 30' | 1,63 | " | 77° | 48' | 34,56 | " | | 53° | 30' | 1,41 | " | 77° | 48' | 34,67 | " | |  |  |  |  |  |  |  |  | | 53° | 30' | 1,41 | " | 77° | 48' | 34,67 | " | | 53° | 30' | 1,08 | " | 77° | 48' | 35,64 | " | | 53° | 30' | 1,2 | " | 77° | 48' | 35,66 | " | | 53° | 30' | 0,84 | " | 77° | 48' | 36,39 | " | | 53° | 30' | 0,64 | " | 77° | 48' | 36,9 | " | | 53° | 29' | 57,66 | " | 77° | 48' | 44,67 | " | | 53° | 29' | 55,5 | " | 77° | 48' | 53,81 | " | | 53° | 29' | 53,25 | " | 77° | 49' | 2,43 | " | | 53° | 29' | 50,72 | " | 77° | 49' | 12,52 | " | | 53° | 29' | 47,61 | " | 77° | 49' | 25,03 | " | | 53° | 29' | 44,59 | " | 77° | 49' | 37,02 | " | | 53° | 29' | 41,55 | " | 77° | 49' | 49,18 | " | | 53° | 29' | 40,93 | " | 77° | 49' | 51,82 | " | | 53° | 29' | 39,01 | " | 77° | 50' | 0,06 | " | | 53° | 29' | 38,2 | " | 77° | 50' | 2,96 | " | | 53° | 29' | 37,16 | " | 77° | 50' | 5,46 | " | | 53° | 29' | 32,38 | " | 77° | 50' | 8,66 | " | | 53° | 29' | 23,66 | " | 77° | 50' | 13,98 | " | | 53° | 29' | 16,68 | " | 77° | 50' | 18,52 | " | | 53° | 29' | 15,3 | " | 77° | 50' | 19,61 | " | | 53° | 29' | 13,51 | " | 77° | 50' | 21,36 | " | | 53° | 29' | 11,88 | " | 77° | 50' | 23,18 | " | | 53° | 29' | 9,5 | " | 77° | 50' | 30,85 | " | | 53° | 29' | 9,33 | " | 77° | 50' | 31,5 | " | | 53° | 29' | 9,21 | " | 77° | 50' | 32 | " | | 53° | 29' | 6,71 | " | 77° | 50' | 41,82 | " | | 53° | 29' | 3,28 | " | 77° | 50' | 56,02 | " | | 53° | 28' | 59,6 | " | 77° | 51' | 10,92 | " | | 53° | 28' | 56,41 | " | 77° | 51' | 23,63 | " | | 53° | 28' | 55,78 | " | 77° | 51' | 26 | " | | 53° | 28' | 54,86 | " | 77° | 51' | 29,51 | " | | 53° | 28' | 53,52 | " | 77° | 51' | 34,04 | " | | 53° | 28' | 52,41 | " | 77° | 51' | 36,3 | " | | 53° | 28' | 51,27 | " | 77° | 51' | 37,91 | " | | 53° | 28' | 46,97 | " | 77° | 51' | 43,23 | " | | 53° | 28' | 40,12 | " | 77° | 51' | 51,14 | " | | 53° | 28' | 32,37 | " | 77° | 52' | 0,32 | " | | 53° | 28' | 24,82 | " | 77° | 52' | 8,88 | " | | 53° | 28' | 18,06 | " | 77° | 52' | 17,05 | " | | 53° | 28' | 12,18 | " | 77° | 52' | 23,79 | " | | 53° | 28' | 5,8 | " | 77° | 52' | 31,03 | " | | 53° | 28' | 4,22 | " | 77° | 52' | 32,71 | " | | 53° | 28' | 2,68 | " | 77° | 52' | 35,69 | " | | 53° | 28' | 1,91 | " | 77° | 52' | 37,78 | " | | 53° | 28' | 1,47 | " | 77° | 52' | 40,04 | " | | 53° | 28' | 0,99 | " | 77° | 52' | 43,5 | " | | 53° | 28' | 0,98 | " | 77° | 52' | 43,92 | " | | 53° | 28' | 0,6 | " | 77° | 52' | 44,02 | " | | 53° | 28' | 0,51 | " | 77° | 52' | 45,04 | " | | 53° | 28' | 0,9 | " | 77° | 52' | 45,16 | " | | 53° | 28' | 0,86 | " | 77° | 52' | 45,78 | " | | 53° | 28' | 0,56 | " | 77° | 52' | 53,53 | " | | 53° | 28' | 0 | " | 77° | 53' | 5,73 | " | | 53° | 27' | 59,47 | " | 77° | 53' | 19,23 | " | | 53° | 27' | 59,14 | " | 77° | 53' | 24,99 | " | | 53° | 27' | 59,14 | " | 77° | 53' | 28,14 | " | | 53° | 27' | 59,1 | " | 77° | 53' | 29,09 | " | | 53° | 27' | 58,77 | " | 77° | 53' | 29,07 | " | | 53° | 27' | 51,13 | " | 77° | 53' | 31,35 | " | |  |  |  |  |  |  |  |  | | 53° | 27' | 51,13 | " | 77° | 53' | 31,35 | " | | 53° | 27' | 44,94 | " | 77° | 53' | 33,33 | " | | 53° | 27' | 39,37 | " | 77° | 53' | 34,98 | " | | 53° | 27' | 39,1 | " | 77° | 53' | 27,93 | " | | 53° | 27' | 35,83 | " | 77° | 53' | 28,24 | " | | 53° | 27' | 36,25 | " | 77° | 53' | 35,53 | " | | 53° | 27' | 36,23 | " | 77° | 53' | 35,87 | " | | 53° | 27' | 35,94 | " | 77° | 53' | 35,94 | " | | 53° | 27' | 29,66 | " | 77° | 53' | 37,93 | " | | 53° | 27' | 22,94 | " | 77° | 53' | 40,51 | " | | 53° | 27' | 14,67 | " | 77° | 53' | 44,38 | " | |  |  |  |  |  |  |  |  | | 53° | 27' | 14,67 | " | 77° | 53' | 44,38 | " | | 53° | 27' | 11,21 | " | 77° | 53' | 45,97 | " | | 53° | 27' | 7,88 | " | 77° | 53' | 47,53 | " | | 53° | 27' | 0,56 | " | 77° | 53' | 51,05 | " | | 53° | 26' | 51,16 | " | 77° | 53' | 55,72 | " | | 53° | 26' | 44,13 | " | 77° | 53' | 59,22 | " | | 53° | 26' | 38,01 | " | 77° | 54' | 2,35 | " | | 53° | 26' | 37,24 | " | 77° | 54' | 2,74 | " | | 53° | 26' | 36,76 | " | 77° | 54' | 2,81 | " | | 53° | 26' | 54,27 | " | 77° | 55' | 20,74 | " | |  |  |  |  |  |  |  |  | | 53° | 26' | 54,27 | " | 77° | 55' | 20,74 | " | | 53° | 26' | 44,69 | " | 77° | 55' | 19,14 | " | | 53° | 26' | 20,86 | " | 77° | 55' | 14,66 | " | | 53° | 25' | 42,01 | " | 77° | 55' | 7,89 | " | | 53° | 25' | 14,65 | " | 77° | 55' | 2,77 | " | | 53° | 25' | 3,28 | " | 77° | 55' | 44,65 | " | | 53° | 24' | 54,73 | " | 77° | 56' | 15,91 | " | | 53° | 24' | 20,32 | " | 77° | 56' | 17,04 | " | | 53° | 23' | 54,67 | " | 77° | 56' | 18,12 | " | | 53° | 23' | 41,16 | " | 77° | 57' | 0,94 | " | | 53° | 23' | 24,94 | " | 77° | 57' | 52,43 | " | | 53° | 23' | 24,07 | " | 77° | 57' | 56,91 | " | | 53° | 23' | 19,55 | " | 77° | 57' | 36,26 | " | | 53° | 23' | 13,06 | " | 77° | 57' | 24,24 | " | | 53° | 23' | 1,42 | " | 77° | 57' | 15,02 | " | | 53° | 22' | 48,45 | " | 77° | 57' | 8,11 | " | | 53° | 22' | 14,45 | " | 77° | 56' | 52,22 | " | | 53° | 22' | 5 | " | 77° | 56' | 47,14 | " | | 53° | 22' | 3,36 | " | 77° | 56' | 50,67 | " | | 53° | 21' | 52,55 | " | 77° | 56' | 45,2 | " | | 53° | 21' | 52,71 | " | 77° | 56' | 42,28 | " | | 53° | 21' | 58,08 | " | 77° | 56' | 42,41 | " | | 53° | 21' | 43,3 | " | 77° | 56' | 30,7 | " | | 53° | 21' | 37,04 | " | 77° | 56' | 37,64 | " | | 53° | 21' | 34,4 | " | 77° | 56' | 28,21 | " | | 53° | 21' | 25,58 | " | 77° | 56' | 27,53 | " | | 53° | 21' | 27,91 | " | 77° | 56' | 18,75 | " | | 53° | 21' | 31,83 | " | 77° | 55' | 57,67 | " | | 53° | 21' | 42,39 | " | 77° | 55' | 3,68 | " | | 53° | 21' | 52,45 | " | 77° | 54' | 12,28 | " | | 53° | 22' | 2,54 | " | 77° | 53' | 20,91 | " | | 53° | 21' | 22,8 | " | 77° | 53' | 30,13 | " | | 53° | 20' | 41,62 | " | 77° | 53' | 39,74 | " | | 53° | 20' | 7,04 | " | 77° | 53' | 48,05 | " | | 53° | 19' | 41,42 | " | 77° | 53' | 54,11 | " | | 53° | 19' | 28,63 | " | 77° | 53' | 57 | " | | 53° | 18' | 46,45 | " | 77° | 54' | 9,14 | " | | 53° | 18' | 7,81 | " | 77° | 54' | 15,79 | " | | 53° | 17' | 29,35 | " | 77° | 54' | 24,95 | " | |  |  |  |  |  |  |  |  | | 53° | 17' | 29,35 | " | 77° | 54' | 24,95 | " | | 53° | 17' | 29,73 | " | 77° | 54' | 22,75 | " | | 53° | 17' | 30,46 | " | 77° | 54' | 21,36 | " | | 53° | 17' | 58,82 | " | 77° | 53' | 29,24 | " | | 53° | 19' | 16,14 | " | 77° | 51' | 3,92 | " | | 53° | 20' | 55,28 | " | 77° | 47' | 56,73 | " | | 53° | 23' | 57 | " | 77° | 42' | 17,79 | " | | 53° | 23' | 57,58 | " | 77° | 42' | 16,86 | " | | 53° | 24' | 52,46 | " | 77° | 40' | 34,07 | " | | 53° | 26' | 45,08 | " | 77° | 37' | 1,64 | " | | 53° | 26' | 52,58 | " | 77° | 36' | 47,89 | " | | 53° | 28' | 32,99 | " | 77° | 33' | 45,41 | " | | 53° | 28' | 56,38 | " | 77° | 33' | 2,07 | " | |  |  |  |  |  |  |  |  | | 53° | 28' | 56,38 | " | 77° | 33' | 2,07 | " | | 53° | 29' | 2,46 | " | 77° | 33' | 1,18 | " | | 53° | 29' | 6,99 | " | 77° | 33' | 0,96 | " | | 53° | 29' | 14,22 | " | 77° | 33' | 0,41 | " | | 53° | 29' | 20,11 | " | 77° | 32' | 59,15 | " | | 53° | 29' | 24,31 | " | 77° | 32' | 59,48 | " | | 53° | 29' | 27,23 | " | 77° | 33' | 0,46 | " | | 53° | 29' | 29,72 | " | 77° | 33' | 2,09 | " | | 53° | 29' | 32,92 | " | 77° | 33' | 5,27 | " | | 53° | 29' | 36,74 | " | 77° | 33' | 7,82 | " | | 53° | 29' | 43,61 | " | 77° | 33' | 10,67 | " | | 53° | 29' | 50,2 | " | 77° | 33' | 10,29 | " | | 53° | 29' | 56,7 | " | 77° | 33' | 8,04 | " | | 53° | 29' | 59,7 | " | 77° | 33' | 7,51 | " | | 53° | 30' | 3 | " | 77° | 33' | 5,44 | " | | 53° | 30' | 9,25 | " | 77° | 33' | 1,82 | " | | 53° | 30' | 16,41 | " | 77° | 32' | 56,85 | " | | 53° | 30' | 25,29 | " | 77° | 32' | 49 | " | | 53° | 30' | 30,62 | " | 77° | 32' | 45,17 | " | | 53° | 30' | 37,41 | " | 77° | 32' | 40,83 | " | | 53° | 30' | 38,94 | " | 77° | 32' | 38,76 | " | | 53° | 30' | 41,69 | " | 77° | 32' | 33,71 | " | | 53° | 30' | 44,56 | " | 77° | 32' | 27,22 | " | | 53° | 31' | 6,19 | " | 77° | 31' | 47,32 | " | | 53° | 31' | 20,19 | " | 77° | 31' | 23,5 | " | | 53° | 31' | 32,04 | " | 77° | 31' | 1,63 | " | | 53° | 31' | 39,25 | " | 77° | 30' | 47,92 | " | | 53° | 31' | 44,09 | " | 77° | 30' | 50,57 | " | |  |  |  |  |  |  |  |  | | 53° | 31' | 44,09 | " | 77° | 30' | 50,57 | " | | 53° | 31' | 52,55 | " | 77° | 31' | 35,48 | " | |  |  |  |  |  |  |  |  | | 53° | 31' | 52,55 | " | 77° | 31' | 35,48 | " | | 53° | 31' | 47,57 | " | 77° | 31' | 42,09 | " | | 53° | 31' | 51,75 | " | 77° | 32' | 0,37 | " | | 53° | 32' | 18,79 | " | 77° | 32' | 0,2 | " | | 53° | 32' | 23,54 | " | 77° | 32' | 7,01 | " | | 53° | 32' | 24,88 | " | 77° | 32' | 9,24 | " | | 53° | 32' | 26,6 | " | 77° | 32' | 11,81 | " | | 53° | 32' | 29,24 | " | 77° | 32' | 15,67 | " | | 53° | 32' | 31,16 | " | 77° | 32' | 18,57 | " | | 53° | 32' | 33,45 | " | 77° | 32' | 21,59 | " | | 53° | 32' | 36,87 | " | 77° | 32' | 24,6 | " | | 53° | 32' | 41,05 | " | 77° | 32' | 27,57 | " | | 53° | 32' | 46,5 | " | 77° | 32' | 31,31 | " | | 53° | 32' | 55,89 | " | 77° | 32' | 37,99 | " | | 53° | 33' | 4,71 | " | 77° | 32' | 44,31 | " | | 53° | 33' | 14,23 | " | 77° | 32' | 51,49 | " | | 53° | 33' | 17,19 | " | 77° | 32' | 53,94 | " | | 53° | 33' | 17,6 | " | 77° | 32' | 54,33 | " | | 53° | 33' | 17,65 | " | 77° | 32' | 54,86 | " | | 53° | 33' | 18,2 | " | 77° | 32' | 54,94 | " | | 53° | 33' | 18,41 | " | 77° | 32' | 54,7 | " | | 53° | 33' | 18,98 | " | 77° | 32' | 54,84 | " | | 53° | 33' | 19,05 | " | 77° | 32' | 54,84 | " | | 53° | 33' | 22,45 | " | 77° | 32' | 55,45 | " | | 53° | 33' | 29,84 | " | 77° | 32' | 56,11 | " | | 53° | 33' | 38,58 | " | 77° | 32' | 57 | " | | 53° | 33' | 45,79 | " | 77° | 32' | 57,71 | " | | 53° | 33' | 49,02 | " | 77° | 32' | 57,89 | " | | 53° | 33' | 51,39 | " | 77° | 32' | 57,99 | " | | 53° | 33' | 53,41 | " | 77° | 32' | 57,82 | " | | 53° | 34' | 0,99 | " | 77° | 32' | 56,33 | " | | 53° | 34' | 8 | " | 77° | 32' | 55,37 | " | | 53° | 34' | 8,46 | " | 77° | 32' | 55,45 | " | | 53° | 34' | 8,64 | " | 77° | 32' | 55,89 | " | | 53° | 34' | 9,16 | " | 77° | 32' | 55,59 | " | | 53° | 34' | 9,3 | " | 77° | 32' | 55,23 | " | | 53° | 34' | 9,73 | " | 77° | 32' | 55,06 | " | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | 53° | 26' | 22,4 | " | 77° | 45' | 10,21 | " | | 53° | 26' | 19,51 | " | 77° | 45' | 7,83 | " | | 53° | 26' | 18 | " | 77° | 45' | 6,99 | " | | 53° | 26' | 13,92 | " | 77° | 45' | 5,71 | " | | 53° | 26' | 7,23 | " | 77° | 45' | 3,85 | " | | 53° | 26' | 0,79 | " | 77° | 45' | 1,46 | " | | 53° | 26' | 1,24 | " | 77° | 44' | 55,4 | " | | 53° | 25' | 57,8 | " | 77° | 44' | 54,89 | " | | 53° | 25' | 57,69 | " | 77° | 45' | 0,69 | " | | 53° | 25' | 51,31 | " | 77° | 44' | 59,84 | " | | 53° | 25' | 44,56 | " | 77° | 44' | 57,84 | " | | 53° | 25' | 42,19 | " | 77° | 44' | 57,33 | " | | 53° | 25' | 39,78 | " | 77° | 44' | 56,11 | " | | 53° | 25' | 38,02 | " | 77° | 44' | 54,76 | " | | 53° | 25' | 35,72 | " | 77° | 44' | 52,65 | " | | 53° | 25' | 33,59 | " | 77° | 44' | 50,82 | " | | 53° | 25' | 32,65 | " | 77° | 45' | 43,98 | " | | 53° | 25' | 35,06 | " | 77° | 46' | 0,92 | " | | 53° | 25' | 34,27 | " | 77° | 46' | 4,56 | " | | 53° | 25' | 38,49 | " | 77° | 46' | 14,14 | " | | 53° | 25' | 27,09 | " | 77° | 46' | 33,52 | " | | 53° | 25' | 30,5 | " | 77° | 46' | 39,04 | " | | 53° | 25' | 40,96 | " | 77° | 46' | 41,85 | " | | 53° | 25' | 49,93 | " | 77° | 46' | 37,77 | " | | 53° | 25' | 52,66 | " | 77° | 46' | 33,69 | " | | 53° | 25' | 55,33 | " | 77° | 46' | 26,06 | " | | 53° | 25' | 58,18 | " | 77° | 46' | 17,81 | " | | 53° | 26' | 12,07 | " | 77° | 46' | 24,75 | " | | 53° | 26' | 14,67 | " | 77° | 46' | 17,34 | " | | 53° | 26' | 17,27 | " | 77° | 46' | 10,04 | " | | 53° | 26' | 19,46 | " | 77° | 46' | 3,3 | " | | 53° | 26' | 19,79 | " | 77° | 45' | 59,89 | " | | 53° | 26' | 20,45 | " | 77° | 45' | 52,96 | " | | 53° | 26' | 21,43 | " | 77° | 45' | 43,07 | " | | 53° | 26' | 22,3 | " | 77° | 45' | 34,71 | " | | 53° | 26' | 22,45 | " | 77° | 45' | 33,07 | " | | 53° | 26' | 23,2 | " | 77° | 45' | 25,62 | " | | 53° | 26' | 23,6 | " | 77° | 45' | 22,05 | " | | 53° | 26' | 27,11 | " | 77° | 45' | 24,04 | " | | 53° | 26' | 28,76 | " | 77° | 45' | 25,98 | " | | 53° | 26' | 30,14 | " | 77° | 45' | 22,88 | " | | 53° | 26' | 27,07 | " | 77° | 45' | 18,31 | " | | 53° | 26' | 24,72 | " | 77° | 45' | 13,23 | " | | 53° | 26' | 22,4 | " | 77° | 45' | 10,21 | " | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | 53° | 25' | 14,69 | " | 77° | 51' | 1,4 | " | | 53° | 25' | 2,48 | " | 77° | 50' | 53 | " | | 53° | 24' | 52,37 | " | 77° | 50' | 48,8 | " | | 53° | 24' | 45,04 | " | 77° | 50' | 48,9 | " | | 53° | 24' | 34,91 | " | 77° | 51' | 1,14 | " | | 53° | 24' | 31,29 | " | 77° | 51' | 33,02 | " | | 53° | 24' | 32,38 | " | 77° | 51' | 47,25 | " | | 53° | 24' | 29,22 | " | 77° | 51' | 54,48 | " | | 53° | 24' | 25,74 | " | 77° | 52' | 25,75 | " | | 53° | 24' | 25,95 | " | 77° | 52' | 31,39 | " | | 53° | 24' | 35,4 | " | 77° | 52' | 30,93 | " | | 53° | 24' | 44,8 | " | 77° | 52' | 26,45 | " | | 53° | 24' | 49,47 | " | 77° | 52' | 27,2 | " | | 53° | 24' | 50,15 | " | 77° | 52' | 27,26 | " | | 53° | 24' | 55,88 | " | 77° | 52' | 26,3 | " | | 53° | 24' | 57,52 | " | 77° | 52' | 28,56 | " | | 53° | 24' | 57,81 | " | 77° | 52' | 32,29 | " | | 53° | 24' | 57,58 | " | 77° | 52' | 39,97 | " | | 53° | 24' | 54,28 | " | 77° | 52' | 50,4 | " | | 53° | 24' | 54,13 | " | 77° | 52' | 56,5 | " | | 53° | 24' | 55,33 | " | 77° | 53' | 0,89 | " | | 53° | 24' | 57,29 | " | 77° | 53' | 3,4 | " | | 53° | 24' | 59,95 | " | 77° | 53' | 4,27 | " | | 53° | 25' | 4,8 | " | 77° | 53' | 3,86 | " | | 53° | 25' | 6,8 | " | 77° | 53' | 0,75 | " | | 53° | 25' | 6,65 | " | 77° | 52' | 44,64 | " | | 53° | 25' | 8,39 | " | 77° | 52' | 25,43 | " | | 53° | 25' | 10,67 | " | 77° | 52' | 7,54 | " | | 53° | 25' | 9,94 | " | 77° | 52' | 4,25 | " | | 53° | 25' | 9,68 | " | 77° | 52' | 1,46 | " | | 53° | 25' | 9,54 | " | 77° | 51' | 53,43 | " | | 53° | 25' | 10,27 | " | 77° | 51' | 44,69 | " | | 53° | 25' | 11,13 | " | 77° | 51' | 36,22 | " | | 53° | 25' | 12,39 | " | 77° | 51' | 23,64 | " | | 53° | 25' | 13,72 | " | 77° | 51' | 11,29 | " | | 53° | 25' | 14,69 | " | 77° | 51' | 1,4 | " | |

\* Примечание:

МСК НСО – местная система координат Новосибирской области

WGS-84 - всемирная система геодезических параметров Земли 1984 год