"C:\Program Files\ArcGIS\Pro\bin\Python\envs\arcgispro-py3\python.exe" D:/R.GISPython/
TableInterpolatedGrid/TableInterpolatedGrid.py

Spatial interpolation and representation of meteorological data in a unique symbology ramp
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Execution date & time: 2022-01-07 09:57:35.818844
Script compatibility: ArcGIS for Desktop 10.6+ y ArcGIS Pro
Python version: 3.7.11 [MSC v.1927 64 bit (AMD64)]
Python path: ['D:\\R.GISPython\\TableInterpolatedGrid', 'C:\\Program Files\\ArcGIS\\Pro\\
Resources\\ArcPy', 'D:\\R.GISPython', 'D:\\R.GISPython.wiki', 'C:\\Program Files\\ArcGIS\\Pro\\
bin\\Python\\envs\\arcgispro-py3\\python37.zip']
matplotlib version: 3.4.2
Repository: https://github.com/rcfdtools/R.GISPython/tree/main/TableInterpolatedGrid
License and conditions: https://github.com/rcfdtools/R.GISPython/wiki/License
Credits: r.cfdtools@gmail.com

Requirements

Valid table format file: comma separated values .csv
Float or double values required period as decimal separator.
CSV file with header row.
Field or attribute names can not content comma or special characters.
Header attributes names required: Julian (1-366), Month (1-12), CX, CX, Var.
Var correspond to the numeric variable for analysis. User can choice the var name.
Compatible with ArcGIS for Desktop 10+ and ArcGIS Pro.
ArcGIS Spatial analyst extension: CheckedOut

Study case & File data summary

Study case: Estudio de la precipitación diaria media en el Departamento del Cesar - Colombia -
Suramérica
Input file: D:/R.GISPython/TableInterpolatedGrid/Data/Sample3PrecipitationAverageMonthly.csv
Log file #: 1641567455
Attributes: 11
Records: 336

{R} Attention - If you are using ArcGIS for Desktop with Python 2, all the options may be enter
using quotes...

{R} Attention - Close all your ArcGIS for Desktop applications and type 'Y' to continue >> Y

{R} Number sample records for print with header (0/337): >> 337
Entry option was 337.

Data file record sample (337 records)

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Headers in data file:
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#, Field name
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(01) CHParamID
(02) CHIntervaloID
(03) Station
(04) StatName
(05) Julian
(06) Month
(07) Day
(08) CX
(09) CY
(10) CZ
(11) Var


{R} Field number to eval (1/11): >> 11
Entry option was 11.
Variable in use is [Var]




{R} Print all records in source file as text graph (Y/N) >> Y
Entry option was Y.
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Graph text format in field # 11
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Max value: 387.3423191
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00003 [||||||||||||                                     ] 88.0668 of 387.3423191 (22.7%)
00004 [||||||||||||||||||||||                           ] 156.8302 of 387.3423191 (40.5%)
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00009 [||||||||||||||||||||||||||||||||||||             ] 254.7411 of 387.3423191 (65.8%)
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00014 [||||                                             ] 32.8416 of 387.3423191 (8.5%)
00015 [|||||||||                                        ] 62.0208 of 387.3423191 (16.0%)
00016 [|||||||||||||||||||||                            ] 146.8925 of 387.3423191 (37.9%)
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00018 [|||||||||||||||||||                              ] 137.7358 of 387.3423191 (35.6%)
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00098 [||||                                                ] 27.9413 of 387.3423191 (7.2%)
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00138 [||||||||||||||||                                        ] 118.1492 of 387.3423191 (30.5%)
00139 [|||||||||||||||||                                       ] 120.993 of 387.3423191 (31.2%)
00140 [|||||||||||||||||||                                     ] 144.4562 of 387.3423191 (37.3%)
00141 [|||||||||||||||||||||||                                 ] 171.8841 of 387.3423191 (44.4%)
00142 [|||||||||||||||||||||||||||||||                         ] 228.8702 of 387.3423191 (59.1%)
00143 [|||||||||||||||||||||                                   ] 152.7477 of 387.3423191 (39.4%)
00144 [|||||                                                   ] 41.5055 of 387.3423191 (10.7%)
00145 [|                                                       ] 14.4554 of 387.3423191 (3.7%)
00146 [|||                                                     ] 24.278 of 387.3423191 (6.3%)
00147 [||||||||                                                ] 61.2879 of 387.3423191 (15.8%)
00148 [|||||||||||||||||                                       ] 119.3776 of 387.3423191 (30.8%)
00149 [||||||||||||||||||||||                                  ] 157.1718 of 387.3423191 (40.6%)
00150 [|||||||||||||||                                         ] 110.9966 of 387.3423191 (28.7%)
00151 [||||||||||||||||                                        ] 117.3026 of 387.3423191 (30.3%)
00152 [|||||||||||||||||||||                                   ] 151.0679 of 387.3423191 (39.0%)
00153 [|||||||||||||||||||||                                   ] 156.1895 of 387.3423191 (40.3%)
00154 [||||||||||||||||||||||||||                              ] 186.4066 of 387.3423191 (48.1%)
00155 [||||||||||||||||||||                                    ] 145.0615 of 387.3423191 (37.5%)
00156 [|||||                                                   ] 41.3544 of 387.3423191 (10.7%)
00157 [||                                                      ] 17.5281 of 387.3423191 (4.5%)
00158 [|||                                                     ] 29.6935 of 387.3423191 (7.7%)
00159 [|||||||                                                 ] 56.7205 of 387.3423191 (14.6%)
```

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00160 [|||||||||||||||||||       ] 128.4473 of 387.3423191 (33.2%)
00161 [|||||||||||||||||||||||||||||| ] 200.4956 of 387.3423191 (51.8%)
00162 [||||||||||||||||||||||   ] 142.9353 of 387.3423191 (36.9%)
00163 [||||||||||||||||    ] 110.1793 of 387.3423191 (28.4%)
00164 [|||||||||||||||||||||||    ] 157.9021 of 387.3423191 (40.8%)
00165 [||||||||||||||||||||||||||||| ] 196.6626 of 387.3423191 (50.8%)
00166 [|||||||||||||||||||||||||||||||||||||||| ] 275.4736 of 387.3423191 (71.1%)
00167 [||||||||||||||||||||||||||||||| ] 203.4733 of 387.3423191 (52.5%)
00168 [||||||||     ] 57.2253 of 387.3423191 (14.8%)
00169 [|||    ] 28.6667 of 387.3423191 (7.4%)
00170 [|||||||    ] 49.9882 of 387.3423191 (12.9%)
00171 [|||||||||||    ] 79.0 of 387.3423191 (20.4%)
00172 [||||||||||||||    ] 101.3333 of 387.3423191 (26.2%)
00173 [|||||||||||||||||||||||||||||||||||||| ] 250.6667 of 387.3423191 (64.7%)
00174 [|||||||||||||||||||||   ] 144.3333 of 387.3423191 (37.3%)
00175 [|||||||||||||    ] 88.3333 of 387.3423191 (22.8%)
00176 [|||||||||||||||||||||    ] 142.0 of 387.3423191 (36.7%)
00177 [|||||||||||||||||||||||||||||||||||||| ] 253.3333 of 387.3423191 (65.4%)
00178 [||||||||||||||||||||||||||||||||||||||||||||||||||| ] 340.5191 of 387.3423191 (87.9%)
00179 [|||||||||||||||||||||||||||||||||||||||||||||||||| ] 331.8911 of 387.3423191 (85.7%)
00180 [|||||||||||    ] 78.0059 of 387.3423191 (20.1%)
00181 [|||||    ] 32.5756 of 387.3423191 (8.4%)
00182 [|||||||||    ] 66.796 of 387.3423191 (17.2%)
00183 [||||||||||||    ] 85.3675 of 387.3423191 (22.0%)
00184 [||||||||||||||||||||||||||||||||||||||||| ] 269.6704 of 387.3423191 (69.6%)
00185 [||||||||||||||||||||||||||||||||||||||||||||||| ] 318.1804 of 387.3423191 (82.1%)
00186 [||||||||||||||||||||||||||||||||| ] 221.698 of 387.3423191 (57.2%)
00187 [||||||||||||||||||||||||   ] 163.5208 of 387.3423191 (42.2%)
00188 [|||||||||||||||||||||||||||||||    ] 211.7411 of 387.3423191 (54.7%)
00189 [|||||||||||||||||||||||||||||||||||    ] 237.0423 of 387.3423191 (61.2%)
00190 [|||||||||||||||||||||||||||||||||||||||||||||| ] 304.9962 of 387.3423191 (78.7%)
00191 [|||||||||||||||||||||||||||||||||    ] 216.0344 of 387.3423191 (55.8%)
00192 [|||||||||||    ] 75.3051 of 387.3423191 (19.4%)
00193 [|    ] 10.3313 of 387.3423191 (2.7%)
00194 [|||    ] 24.6119 of 387.3423191 (6.4%)
00195 [||||||||||||||||    ] 102.5195 of 387.3423191 (26.5%)
00196 [||||||||||||||||||||||||    ] 156.2991 of 387.3423191 (40.4%)
00197 [|||||||||||||||||||||||||||||    ] 184.0712 of 387.3423191 (47.5%)
00198 [|||||||||||||||||||||    ] 130.245 of 387.3423191 (33.6%)
00199 [||||||||||||||||||    ] 114.2926 of 387.3423191 (29.5%)
00200 [||||||||||||||||||||||||    ] 155.5589 of 387.3423191 (40.2%)
00201 [|||||||||||||||||||||||||    ] 164.997 of 387.3423191 (42.6%)
00202 [|||||||||||||||||||||||||||    ] 178.9967 of 387.3423191 (46.2%)
00203 [|||||||||||||||||||||||    ] 142.677 of 387.3423191 (36.8%)
00204 [||||||    ] 46.056 of 387.3423191 (11.9%)
00205 [||    ] 19.2985 of 387.3423191 (5.0%)
00206 [||||    ] 34.3816 of 387.3423191 (8.9%)
00207 [|||||||||    ] 62.5437 of 387.3423191 (16.1%)
00208 [|||||||||||||||||||||    ] 130.1928 of 387.3423191 (33.6%)
00209 [|||||||||||||||||||||||||||||    ] 183.7268 of 387.3423191 (47.4%)
00210 [|||||||||||||||||||||    ] 134.4393 of 387.3423191 (34.7%)
00211 [||||||||||||||||||    ] 115.8982 of 387.3423191 (29.9%)
00212 [|||||||||||||||||||||||||||    ] 177.4018 of 387.3423191 (45.8%)
00213 [||||||||||||||||||||||||||    ] 169.4095 of 387.3423191 (43.7%)
00214 [||||||||||||||||||||||||||||||||||||||||| ] 263.7538 of 387.3423191 (68.1%)
00215 [|||||||||||||||||||||||||||    ] 175.7104 of 387.3423191 (45.4%)
00216 [|||||||    ] 48.0201 of 387.3423191 (12.4%)
00217 [|||    ] 23.8333 of 387.3423191 (6.2%)
00218 [|||||    ] 37.0278 of 387.3423191 (9.6%)
00219 [|||||||||||||    ] 85.5944 of 387.3423191 (22.1%)
00220 [|||||||||||||||||||||||    ] 150.7222 of 387.3423191 (38.9%)
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00221 [|||||||||||||||||||||||||||||||]  221.3056 of 387.3423191 (57.1%)
00222 [||||||||||||||||||||]            141.4444 of 387.3423191 (36.5%)
00223 [|||||||||||||||]                109.4389 of 387.3423191 (28.3%)
00224 [|||||||||||||||||||||]          161.0 of 387.3423191 (41.6%)
00225 [||||||||||||||||||||||]         169.4861 of 387.3423191 (43.8%)
00226 [|||||||||||||||||||||||||||||||||] 254.7778 of 387.3423191 (65.8%)
00227 [|||||||||||||||||||||||]         165.2446 of 387.3423191 (42.7%)
00228 [||||||||]                       58.4 of 387.3423191 (15.1%)
00229 [|]                              13.5985 of 387.3423191 (3.5%)
00230 [|||]                            29.9952 of 387.3423191 (7.7%)
00231 [||||||||||]                     75.5632 of 387.3423191 (19.5%)
00232 [|||||||||||||||||]              127.9392 of 387.3423191 (33.0%)
00233 [||||||||||||||||||||||||||]     198.8387 of 387.3423191 (51.3%)
00234 [|||||||||||||||||]              130.2971 of 387.3423191 (33.6%)
00235 [|||||||||||]                    84.3504 of 387.3423191 (21.8%)
00236 [|||||||||||||||||||]            148.2148 of 387.3423191 (38.3%)
00237 [|||||||||||||||||||||]          158.458 of 387.3423191 (40.9%)
00238 [||||||||||||||||||||||||||||||] 224.8751 of 387.3423191 (58.1%)
00239 [|||||||||||||||||||]            141.2256 of 387.3423191 (36.5%)
00240 [|||||||]                        48.0546 of 387.3423191 (12.4%)
00241 [||]                             19.8475 of 387.3423191 (5.1%)
00242 [||||]                           31.3622 of 387.3423191 (8.1%)
00243 [|||||||||]                      72.1549 of 387.3423191 (18.6%)
00244 [|||||||||||||||||||]            140.8886 of 387.3423191 (36.4%)
00245 [|||||||||||||||||||||||||||]    203.8318 of 387.3423191 (52.6%)
00246 [||||||||||||||||||]             136.2727 of 387.3423191 (35.2%)
00247 [|||||||||||||||]                114.9909 of 387.3423191 (29.7%)
00248 [||||||||||||||||||||]           150.2114 of 387.3423191 (38.8%)
00249 [|||||||||||||||||||||||||]      193.5159 of 387.3423191 (50.0%)
00250 [||||||||||||||||||||||||||||||||||||] 277.5767 of 387.3423191 (71.7%)
00251 [||||||||||||||||||||||||]       182.5047 of 387.3423191 (47.1%)
00252 [||||||||]                       59.414 of 387.3423191 (15.3%)
00253 [||]                             17.1283 of 387.3423191 (4.4%)
00254 [|||||||]                        51.8484 of 387.3423191 (13.4%)
00255 [||||||||||]                     72.0268 of 387.3423191 (18.6%)
00256 [||||||||||||||||||||]           154.5662 of 387.3423191 (39.9%)
00257 [|||||||||||||||||||||||||||]    203.5871 of 387.3423191 (52.6%)
00258 [|||||||||||||||||]              127.2509 of 387.3423191 (32.9%)
00259 [|||||||||||||||]                111.9297 of 387.3423191 (28.9%)
00260 [|||||||||||||||||||||]          163.8334 of 387.3423191 (42.3%)
00261 [||||||||||||||||||||||||]       185.6887 of 387.3423191 (47.9%)
00262 [||||||||||||||||||||||||||||||] 224.5725 of 387.3423191 (58.0%)
00263 [|||||||||||||||||||||]          157.9603 of 387.3423191 (40.8%)
00264 [|||||||]                        50.8606 of 387.3423191 (13.1%)
00265 [|]                              13.2157 of 387.3423191 (3.4%)
00266 [||||]                           34.9675 of 387.3423191 (9.0%)
00267 [||||||||||]                     70.3673 of 387.3423191 (18.2%)
00268 [||||||||||||||||||||]           146.1932 of 387.3423191 (37.7%)
00269 [|||||||||||||||||||||||||]      190.3119 of 387.3423191 (49.1%)
00270 [||||||||||||||||||]             135.8572 of 387.3423191 (35.1%)
00271 [|||||||||||||||]                116.6694 of 387.3423191 (30.1%)
00272 [|||||||||||||||||||||]          151.8853 of 387.3423191 (39.2%)
00273 [||||||||||||||||||||||||]       186.5097 of 387.3423191 (48.2%)
00274 [|||||||||||||||||||||||||||||||] 239.0079 of 387.3423191 (61.7%)
00275 [||||||||||||||||||||||||]       182.1395 of 387.3423191 (47.0%)
00276 [||||||||]                       60.4632 of 387.3423191 (15.6%)
00277 [|]                              14.9358 of 387.3423191 (3.9%)
00278 [|]                              10.3829 of 387.3423191 (2.7%)
00279 [|||||||||]                      62.7651 of 387.3423191 (16.2%)
00280 [||||||||||||||||]               119.9287 of 387.3423191 (31.0%)
00281 [|||||||||||||||||||||]          158.5667 of 387.3423191 (40.9%)
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00282 [|||||||||||||||||||              ] 130.2917 of 387.3423191 (33.6%)
00283 [||||||||||||||                   ] 100.548 of 387.3423191 (26.0%)
00284 [|||||||||||||||||||||||          ] 155.9936 of 387.3423191 (40.3%)
00285 [|||||||||||||||||||||||||        ] 170.149 of 387.3423191 (43.9%)
00286 [|||||||||||||||||||||||||||||    ] 191.0017 of 387.3423191 (49.3%)
00287 [||||||||||||||||||||             ] 134.4827 of 387.3423191 (34.7%)
00288 [||||                             ] 32.623 of 387.3423191 (8.4%)
00289 [                                 ] 6.4068 of 387.3423191 (1.7%)
00290 [|||                              ] 26.1909 of 387.3423191 (6.8%)
00291 [|||||||||||                      ] 77.8425 of 387.3423191 (20.1%)
00292 [|||||||||||||||||                ] 115.9568 of 387.3423191 (29.9%)
00293 [|||||||||||||||||||||||||        ] 173.0142 of 387.3423191 (44.7%)
00294 [||||||||||||||||                 ] 111.45 of 387.3423191 (28.8%)
00295 [|||||||||||||||                  ] 105.2614 of 387.3423191 (27.2%)
00296 [|||||||||||||||||||||            ] 143.7417 of 387.3423191 (37.1%)
00297 [|||||||||||||||||||||            ] 142.9377 of 387.3423191 (36.9%)
00298 [||||||||||||||||||||||||||       ] 176.9545 of 387.3423191 (45.7%)
00299 [||||||||||||||||||               ] 125.317 of 387.3423191 (32.4%)
00300 [||||                             ] 35.093 of 387.3423191 (9.1%)
00301 [|                                ] 9.2499 of 387.3423191 (2.4%)
00302 [||||                             ] 31.3598 of 387.3423191 (8.1%)
00303 [||||||||||                       ] 69.6524 of 387.3423191 (18.0%)
00304 [||||||||||||||||||||||           ] 150.0395 of 387.3423191 (38.7%)
00305 [|||||||||||||||||||||||||        ] 172.9877 of 387.3423191 (44.7%)
00306 [|||||||||||||||||                ] 117.0547 of 387.3423191 (30.2%)
00307 [|||||||||||||                    ] 91.3518 of 387.3423191 (23.6%)
00308 [||||||||||||||||||||||||||       ] 180.0967 of 387.3423191 (46.5%)
00309 [|||||||||||||||||||||||          ] 159.5294 of 387.3423191 (41.2%)
00310 [|||||||||||||||||||||||||||||||| ] 217.3287 of 387.3423191 (56.1%)
00311 [||||||||||||||||||||             ] 137.4709 of 387.3423191 (35.5%)
00312 [||||||                           ] 42.5362 of 387.3423191 (11.0%)
00313 [|                                ] 11.2685 of 387.3423191 (2.9%)
00314 [|||                              ] 25.4524 of 387.3423191 (6.6%)
00315 [|||||||||                        ] 64.3149 of 387.3423191 (16.6%)
00316 [||||||||||||||||||||             ] 138.2134 of 387.3423191 (35.7%)
00317 [||||||||||||||||||||||||||       ] 185.8608 of 387.3423191 (48.0%)
00318 [||||||||||||||||||               ] 124.32 of 387.3423191 (32.1%)
00319 [|||||||||||||                    ] 91.7706 of 387.3423191 (23.7%)
00320 [|||||||||||||||||||||            ] 142.2844 of 387.3423191 (36.7%)
00321 [|||||||||||||||||||||||||        ] 175.5966 of 387.3423191 (45.3%)
00322 [||||||||||||||||||||||||||||||||| ] 231.75 of 387.3423191 (59.8%)
00323 [|||||||||||||||||||||||||        ] 170.5 of 387.3423191 (44.0%)
00324 [||||                             ] 37.7 of 387.3423191 (9.7%)
00325 [||                               ] 20.253 of 387.3423191 (5.2%)
00326 [|||                              ] 28.1615 of 387.3423191 (7.3%)
00327 [|||                              ] 28.9773 of 387.3423191 (7.5%)
00328 [||||||||||||||||||||||||||       ] 172.6873 of 387.3423191 (44.6%)
00329 [|||||||||||||||||||||||          ] 154.4755 of 387.3423191 (39.9%)
00330 [||||||||||||||||||               ] 124.2468 of 387.3423191 (32.1%)
00331 [|||||||||||||                    ] 89.5633 of 387.3423191 (23.1%)
00332 [||||||||||||||||||||||||||       ] 179.4427 of 387.3423191 (46.3%)
00333 [|||||||||||||||||||||            ] 141.7286 of 387.3423191 (36.6%)
00334 [|||||||||||||||||||||||||        ] 166.7003 of 387.3423191 (43.0%)
00335 [||||||||||||||||                 ] 110.0849 of 387.3423191 (28.4%)
00336 [|                                ] 14.0179 of 387.3423191 (3.6%)
```

Statistics

Registers: 336

Count: 336 (not null)
Nulls: 0
Max: 387.3423191
Min: 6.406818182
Sum: 44677.116350118995
Avg: 132.96760818487797

Spatial domain in the station records

Attributes: 11
CX field number: 8
CY field number: 9
336 records found.
CX max: 1101664.327000   CX min: 1020548.494000   Width: 81115.833000
CY max: 1618759.248000   CY min: 1508871.889000   Heigh: 109887.359000
Recommended grid cell size: 540.7722200000006
(Using as reference 150 pixels in the shortest horizontal or vertical spatial length)

Frequencies: 2

ID, Max. val, Frequency field required
----
01 0366 Dayly Julian
02 0012 Monthly Month

{R} Frequency to use (1/2): >> 2
Entry option was 2.

{R} Total grids to create (1/12): >> 12
Entry option was 12.

Coordinate systems: 7

ID, Coordinate system
----
01 WKID: 4326, WGS84
02 WKID: 3116, MAGNA Colombia Origen Bogota
03 WKID: 3117, MAGNA Colombia Origen Este
04 WKID: 3118, MAGNA Colombia Origen Este Este
05 WKID: 3115, MAGNA Colombia Origen Oeste
06 WKID: 3114, MAGNA Colombia Origen Oeste oeste
07 WKID: 9377, MAGNA-SIRGAS / Origen-Nacional

{R} Coordinate system to use (1/7): >> 2
Entry option was 2.

PROJCS["MAGNA_Colombia_Bogota",GEOGCS["GCS_MAGNA",DATUM["D_MAGNA",SPHEROID["GRS_1980",6378137.0,
298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["
Transverse_Mercator"],PARAMETER["False_Easting",1000000.0],PARAMETER["False_Northing",1000000.0],
PARAMETER["Central_Meridian",-74.07750791666666],PARAMETER["Scale_Factor",1.0],PARAMETER["
Latitude_Of_Origin",4.596200416666666],UNIT["Meter",1.0]],VERTCS["WGS_1984",DATUM["D_WGS_1984",
SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["
Direction",1.0],UNIT["Meter",1.0]]

{R} Output grid resolution for the coordinate system selected (540.772220 recommended for 150
pixels) (0/10000): >> 100
Entry option was 100.000000.

Total Color Map Styles: 37

```
#, Id, Colors, Color map style name
-----------------------------------
00 01 0128 ColorMap1 - Grayscale: White - Black
01 01 0256 ColorMap1 - Grayscale: White - Black
02 02 0128 ColorMap2 - Grayscale invert: Black - White
03 02 0256 ColorMap2 - Grayscale invert: Black - White
04 03 0128 ColorMap3 - Pantone 2: Red - Green
05 03 0256 ColorMap3 - Pantone 2: Red - Green
06 04 0128 ColorMap4 - Pantone 3: Blue - Red - Green
07 04 0256 ColorMap4 - Pantone 3: Blue - Red - Green
08 05 0256 ColorMap5 - Pantone 4: Blue - Red - Green - Yellow
09 05 0512 ColorMap5 - Pantone 4: Blue - Red - Green - Yellow
10 06 0256 ColorMap6 - Laser print: Orange - Light BLue - Magenta - Dark Blue - Yellow - Green -
Red
11 06 0512 ColorMap6 - Laser print: Orange - Light BLue - Magenta - Dark Blue - Yellow - Green -
Red
12 06 1024 ColorMap6 - Laser print: Orange - Light BLue - Magenta - Dark Blue - Yellow - Green -
Red
13 07 0256 ColorMap7: Yellow - Pink - Green - Blue
14 07 0512 ColorMap7: Yellow - Pink - Green - Blue
15 07 1024 ColorMap7: Yellow - Pink - Green - Blue
16 08 0256 ColorMap8: Gray - Aquamarine - Sea Blue
17 08 0512 ColorMap8: Gray - Aquamarine - Sea Blue
18 08 1024 ColorMap8: Gray - Aquamarine - Sea Blue
19 09 0256 ColorMap9: Dark Pink - Mercury - Lime - Green
20 09 0512 ColorMap9: Dark Pink - Mercury - Lime - Green
21 09 1024 ColorMap9: Dark Pink - Mercury - Lime - Green
22 10 0256 ColorMap10 - HKS Color: Green - Yellow - Red
23 10 0512 ColorMap10 - HKS Color: Green - Yellow - Red
24 10 1024 ColorMap10 - HKS Color: Green - Yellow - Red
25 11 0256 ColorMap11 - HKS Colors Extend: Green - Yellow - Red - Purple
26 11 0512 ColorMap11 - HKS Colors Extend: Green - Yellow - Red - Purple
27 11 1024 ColorMap11 - HKS Colors Extend: Green - Yellow - Red - Purple
28 11 2048 ColorMap11 - HKS Colors Extend: Green - Yellow - Red - Purple
29 12 0256 ColorMap12: Green Sea - Blue Sea - Purple - Red - Orange - Yellow
30 12 0512 ColorMap12: Green Sea - Blue Sea - Purple - Red - Orange - Yellow
31 12 1024 ColorMap12: Green Sea - Blue Sea - Purple - Red - Orange - Yellow
32 12 2048 ColorMap12: Green Sea - Blue Sea - Purple - Red - Orange - Yellow
33 13 0256 ColorMap13: Green Sea - Blue Sea - Purple - Red - Orange - Yellow - Green - Yellow -
Red - Purple
34 13 0512 ColorMap13: Green Sea - Blue Sea - Purple - Red - Orange - Yellow - Green - Yellow -
Red - Purple
35 13 1024 ColorMap13: Green Sea - Blue Sea - Purple - Red - Orange - Yellow - Green - Yellow -
Red - Purple
36 13 2048 ColorMap13: Green Sea - Blue Sea - Purple - Red - Orange - Yellow - Green - Yellow -
Red - Purple

{R} Ramp color number (0/36): >> 35
Entry option was 35.


Color map file: D:/R.GISPython/TableInterpolatedGrid/ColorMapStyle/ColorMapArcGIS1024s13.clr
Color map sample: D:/R.GISPython/TableInterpolatedGrid/ColorMapStyle/ColorMapArcGIS1024s13.png



----------------------
Creating 12 file grids
----------------------
FileGRDM001.tif - High, km: 110.0 - Width, km: 81.2 - Min: 6.407 - Max: 32.5751 - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/1641567455GRDM001.
png
FileGRDM002.tif - High, km: 110.0 - Width, km: 81.2 - Min: 10.3832 - Max: 66.7947 - Ok...
```

https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/1641567455GRDM002.
png
FileGRDM003.tif - High, km: 110.0 - Width, km: 81.2 - Min: 28.9797 - Max: 112.7554 - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/1641567455GRDM003.
png
FileGRDM004.tif - High, km: 110.0 - Width, km: 81.2 - Min: 101.3466 - Max: 269.6653 - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/1641567455GRDM004.
png
FileGRDM005.tif - High, km: 110.0 - Width, km: 81.2 - Min: 154.4775 - Max: 318.1761 - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/1641567455GRDM005.
png
FileGRDM006.tif - High, km: 110.0 - Width, km: 81.2 - Min: 110.9968 - Max: 221.6947 - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/1641567455GRDM006.
png
FileGRDM007.tif - High, km: 110.0 - Width, km: 81.2 - Min: 84.3541 - Max: 169.7734 - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/1641567455GRDM007.
png
FileGRDM008.tif - High, km: 110.0 - Width, km: 81.2 - Min: 134.5488 - Max: 232.7073 - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/1641567455GRDM008.
png
FileGRDM009.tif - High, km: 110.0 - Width, km: 81.2 - Min: 141.7314 - Max: 313.9845 - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/1641567455GRDM009.
png
FileGRDM010.tif - High, km: 110.0 - Width, km: 81.2 - Min: 166.704 - Max: 387.3418 - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/1641567455GRDM010.
png
FileGRDM011.tif - High, km: 110.0 - Width, km: 81.2 - Min: 110.0886 - Max: 331.8109 - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/1641567455GRDM011.
png
FileGRDM012.tif - High, km: 110.0 - Width, km: 81.2 - Min: 14.0198 - Max: 97.7244 - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/1641567455GRDM012.
png

Creating 12 grid color scaled files (1024 colors)

All database values
Max data value: 387.3423191
Min data value: 6.406818182
Slope colors ramp: 2.688119110800402

Grids created
Max pixel value: 387.34182739258
Min pixel value: 6.406991481781

File color map GRDM001.tif - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/
1641567455GRDM001ColorMap.png
File color map GRDM002.tif - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/
1641567455GRDM002ColorMap.png
File color map GRDM003.tif - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/
1641567455GRDM003ColorMap.png
File color map GRDM004.tif - Ok...
https://github.tom/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/
1641567455GRDM004ColorMap.png
File color map GRDM005.tif - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/

1641567455GRDM005ColorMap.png
File color map GRDM006.tif - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/
1641567455GRDM006ColorMap.png
File color map GRDM007.tif - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/
1641567455GRDM007ColorMap.png
File color map GRDM008.tif - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/
1641567455GRDM008ColorMap.png
File color map GRDM009.tif - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/
1641567455GRDM009ColorMap.png
File color map GRDM010.tif - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/
1641567455GRDM010ColorMap.png
File color map GRDM011.tif - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/
1641567455GRDM011ColorMap.png
File color map GRDM012.tif - Ok...
https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/
1641567455GRDM012ColorMap.png

Statistics and summary grid creation report

Grids created on: D:/R.GISPython/TableInterpolatedGrid/OutputGrid/
Color Map Grids created on: D:/R.GISPython/TableInterpolatedGrid/OutputColorMap/
Minimum pixel value all grids: 6.407
Maximum pixel value all grids: 387.3418
ArcScene Z Scale conversion: 0.378264
Day or Month with maximum value: 10
Manual print PDF as: D:/R.GISPython/TableInterpolatedGrid//PDF/1641567455.pdf
Value data plot: https://github.com/rcfdtools/R.GISPython/blob/main/TableInterpolatedGrid/Graph/
1641567455PlotBar.png
Process accomplished (dt = 49.7sec or 0.8min)

{R} Type 'Y' to exit >> Y

Process finished with exit code 0