```
"C:\Program Files\ArcGIS\Pro\bin\Python\envs\arcgispro-py3\python.exe" D:/R.GISPython/
TableInterpolatedGrid/TableInterpolatedGrid.py
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Spatial interpolation and representation of meteorological data in a unique symbology ramp
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Execution date & time: 2021-12-31 11:10:40.629975
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


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Requirements
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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, CZ, 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


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Study case & File data summary
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Study case: Estudio de precipitación en el Departamento del Cesar - Colombia - Suramérica
Input file: D:/R.GISPython/TableInterpolatedGrid/Data/Sample3PrecipitationAverageMonthly.csv
Log file #: 164096704062
Attributes: 11
Records: 336

{R} Attention - Close all the ArcGIS for Desktop applications and press Enter >>

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


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Data file record sample (337 records)
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Headers in data file:

#, Field name
----
(01) CHParamID
(02) CHIntervaloID
(03) Station
(04) StatName

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(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 (Y/N, Python 2 with quotes) >> Y
Entry option was Y.
--------------------------------
Graph text format in field # 11
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Max value:  387.3423191
00001 [|||                                                ] 26.8447 of 387.3423191(6.9%)
00002 [|||||                                              ] 44.6457 of 387.3423191(11.5%)
00003 [|||||||||||                                        ] 88.0668 of 387.3423191(22.7%)
00004 [||||||||||||||||||||                               ] 156.8302 of 387.3423191(40.5%)
00005 [||||||||||||||||||||||||||||||||||                 ] 264.0614 of 387.3423191(68.2%)
00006 [|||||||||||||||||||||||                            ] 180.5749 of 387.3423191(46.6%)
00007 [||||||||||||||||                                   ] 129.0868 of 387.3423191(33.3%)
00008 [||||||||||||||||||||||||||                         ] 202.0675 of 387.3423191(52.2%)
00009 [|||||||||||||||||||||||||||||||||                  ] 254.7411 of 387.3423191(65.8%)
00010 [||||||||||||||||||||||||||||||||||||||             ] 296.5721 of 387.3423191(76.6%)
00011 [|||||||||||||||||||||||||||||                      ] 231.3762 of 387.3423191(59.7%)
00012 [|||||||                                            ] 58.2985 of 387.3423191(15.1%)
00013 [|                                                  ] 11.7019 of 387.3423191(3.0%)
00014 [||||                                               ] 32.8416 of 387.3423191(8.5%)
00015 [|||||||||                                          ] 62.0208 of 387.3423191(16.0%)
00016 [||||||||||||||||||                                 ] 146.8925 of 387.3423191(37.9%)
00017 [|||||||||||||||||||||||||                           ] 200.4774 of 387.3423191(51.8%)
00018 [|||||||||||||||||                                  ] 137.7358 of 387.3423191(35.6%)
00019 [|||||||||||||                                      ] 107.5094 of 387.3423191(27.8%)
00020 [||||||||||||||||||||||||||                         ] 204.3578 of 387.3423191(52.8%)
00021 [|||||||||||||||||||||||||||||                      ] 226.6208 of 387.3423191(58.5%)
00022 [|||||||||||||||||||||||||||||||||||                ] 274.5472 of 387.3423191(70.9%)
00023 [|||||||||||||||||||||||||||||                      ] 224.8132 of 387.3423191(58.0%)
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00026 [|||||                                              ] 42.1906 of 387.3423191(10.9%)
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00030 [|||||||||||||||||                                  ] 131.7132 of 387.3423191(34.0%)
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00032 [||||||||||||||||||||||                             ] 171.083 of 387.3423191(44.2%)
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00044 [|||||||||||||||||||||||||||||||||            ] 232.7075 of 387.3423191(60.1%)
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00047 [|||||||||||||||||||||||||||||||||||||||||||||            ] 318.0396 of 387.3423191(82.1%)
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00102 [||||||||||||||||            ] 114.7515 of 387.3423191(29.6%)
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00122 [||                       ] 16.3779 of 387.3423191(4.2%)
00123 [||||||||                   ] 51.7712 of 387.3423191(13.4%)
00124 [||||||||||||||               ] 112.9495 of 387.3423191(29.2%)
00125 [||||||||||||||||||||||||        ] 190.9523 of 387.3423191(49.3%)
00126 [||||||||||||||               ] 114.0836 of 387.3423191(29.5%)
00127 [|||||||||||||               ] 95.0296 of 387.3423191(24.5%)
00128 [||||||||||||||||||||           ] 153.3354 of 387.3423191(39.6%)
00129 [|||||||||||||||||||||||          ] 179.5042 of 387.3423191(46.3%)
00130 [|||||||||||||||||||||||||||||||     ] 241.639 of 387.3423191(62.4%)
00131 [|||||||||||||||||||||           ] 158.1462 of 387.3423191(40.8%)
00132 [|||                       ] 30.1716 of 387.3423191(7.8%)
00133 [                         ] 6.5948 of 387.3423191(1.7%)
00134 [|||                       ] 25.502 of 387.3423191(6.6%)
00135 [|||||||||                  ] 66.0912 of 387.3423191(17.1%)
00136 [|||||||||||||||||||           ] 133.1777 of 387.3423191(34.4%)
00137 [||||||||||||||||||||           ] 157.6517 of 387.3423191(40.7%)
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%)
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%)
```

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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%)
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%)
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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%)
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 size: 540.7722200000006


Frecuencies: 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: 3
---------------------
ID, Coordinate system
---------------------
01  4326 WGS84
02  3116 MAGNAColombiaBogota
03  9377 MAGNA-SIRGAS / Origen-Nacional

{R} Coordinate system to use (1/3): >> 3
Entry option was 3.


PROJCS['MAGNA_Colombia_Origen_Unico',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',5000000.0],PARAMETER['False_Northing',2000000.0],
PARAMETER['Central_Meridian',-73.0],PARAMETER['Scale_Factor',0.9992],PARAMETER['
Latitude_Of_Origin',4.0],UNIT['Meter',1.0]]

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


Total Color Map Styles: 15
---------------------------------
ID, Colors, Color map style name
---------------------------------
00 0256 Grayscale
01 0256 White - Magenta
02 0256 White - Red
03 0256 Cyan - Red
04 0256 Green - Magenta
05 0256 Magenta - Green
06 0256 Purple - Green - Yellow
07 0256 Green - Light Green - Pink - Dark Pink - Purple (x5)
08 0256 Green - Light Green - Pink - Dark Pink - Purple (x8)
```

```
09 0256 Lila - Khaki - Blue (x15)
10 0256 Lila - Khaki - Blue (x13)
11 0256 Yellow - Pink - Green - Blue
12 0256 Gray - Aquamarina - Sea Blue
13 0512 Green Sea - Blue Sea - Purple - Red - Orange - Yellow (x18)
14 1024 Dark Pink - Mercury - Lime - Green (x13)

{R} Ramp color number (0/14): >> 13
Entry option was 13.

Color map file: D:/R.GISPython/TableInterpolatedGrid/ColorMapStyle/ColorMapArcGIS512_v13.clr
Color map sample: D:/R.GISPython/TableInterpolatedGrid/ColorMapStyle/ColorMapArcGIS512_v13.jpg


---------------------
Creating 12 file grids
---------------------
FileGRDM001.tif- High(km):110.0- Width(km):81.2- Min:6.407- Max:32.5751- Ok...
FileGRDM002.tif- High(km):110.0- Width(km):81.2- Min:10.3832- Max:66.7947- Ok...
FileGRDM003.tif- High(km):110.0- Width(km):81.2- Min:28.9797- Max:112.7554- Ok...
FileGRDM004.tif- High(km):110.0- Width(km):81.2- Min:101.3466- Max:269.6653- Ok...
FileGRDM005.tif- High(km):110.0- Width(km):81.2- Min:154.4775- Max:318.1761- Ok...
FileGRDM006.tif- High(km):110.0- Width(km):81.2- Min:110.9968- Max:221.6947- Ok...
FileGRDM007.tif- High(km):110.0- Width(km):81.2- Min:84.3541- Max:169.7734- Ok...
FileGRDM008.tif- High(km):110.0- Width(km):81.2- Min:134.5488- Max:232.7073- Ok...
FileGRDM009.tif- High(km):110.0- Width(km):81.2- Min:141.7314- Max:313.9845- Ok...
FileGRDM010.tif- High(km):110.0- Width(km):81.2- Min:166.704- Max:387.3418- Ok...
FileGRDM011.tif- High(km):110.0- Width(km):81.2- Min:110.0886- Max:331.8109- Ok...
FileGRDM012.tif- High(km):110.0- Width(km):81.2- Min:14.0198- Max:97.7244- Ok...


--------------------------------------------------
Creating 12 grid color scaled files (512 colors)
--------------------------------------------------

All database values
Max data value: 387.3423191
Min data value: 6.406818182
Slope colors ramp: 1.344059555400201

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

File color map GRDM001.tif - Ok...
File color map GRDM002.tif - Ok...
File color map GRDM003.tif - Ok...
File color map GRDM004.tif - Ok...
File color map GRDM005.tif - Ok...
File color map GRDM006.tif - Ok...
File color map GRDM007.tif - Ok...
File color map GRDM008.tif - Ok...
File color map GRDM009.tif - Ok...
File color map GRDM010.tif - Ok...
File color map GRDM011.tif - Ok...
File color map GRDM012.tif - Ok...


--------------------------------------------
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: 0.756527
Day or Month with maximum value: 10
Process accomplished (dt = 238.9sec or4.0min)

{R} Press Enter to exit...

Process finished with exit code 0