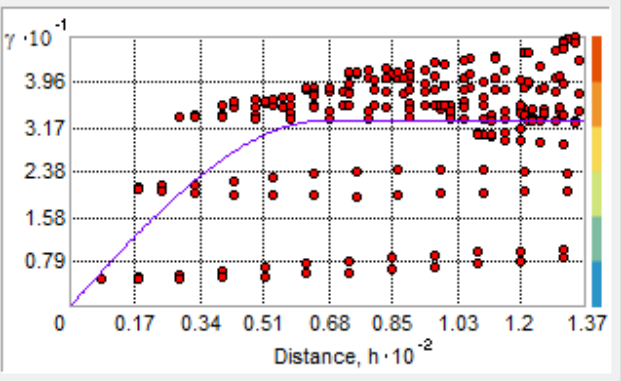


Using the Geostatistical Wizard/Ordinary Kriging, and then exporting to a ~4000x2000 raster:

Geostatistical Wizard: Step 2 of 4 - Semivariogram/Covariance Modeling

Semivariogram | Covariance



Model: 1 Model: 2 Model: 3

Circular
Spherical
Tetraspherical
Pentaspherical
Exponential
Gaussian
Rational Quadratic
Hole Effect
K-Bessel
J-Bessel
Stable

Major range: 67.6633

Anisotropy

Minor range: []

Direction: []

Modeling

Parameter: [] Partial sill: 32.742

Nugget Shifts

[0] X: []

Lag size: 11.398 Y: []

Number of lags: 12

Semivariogram/Covariance Surface

Show search direction

Angle direction: 0.0

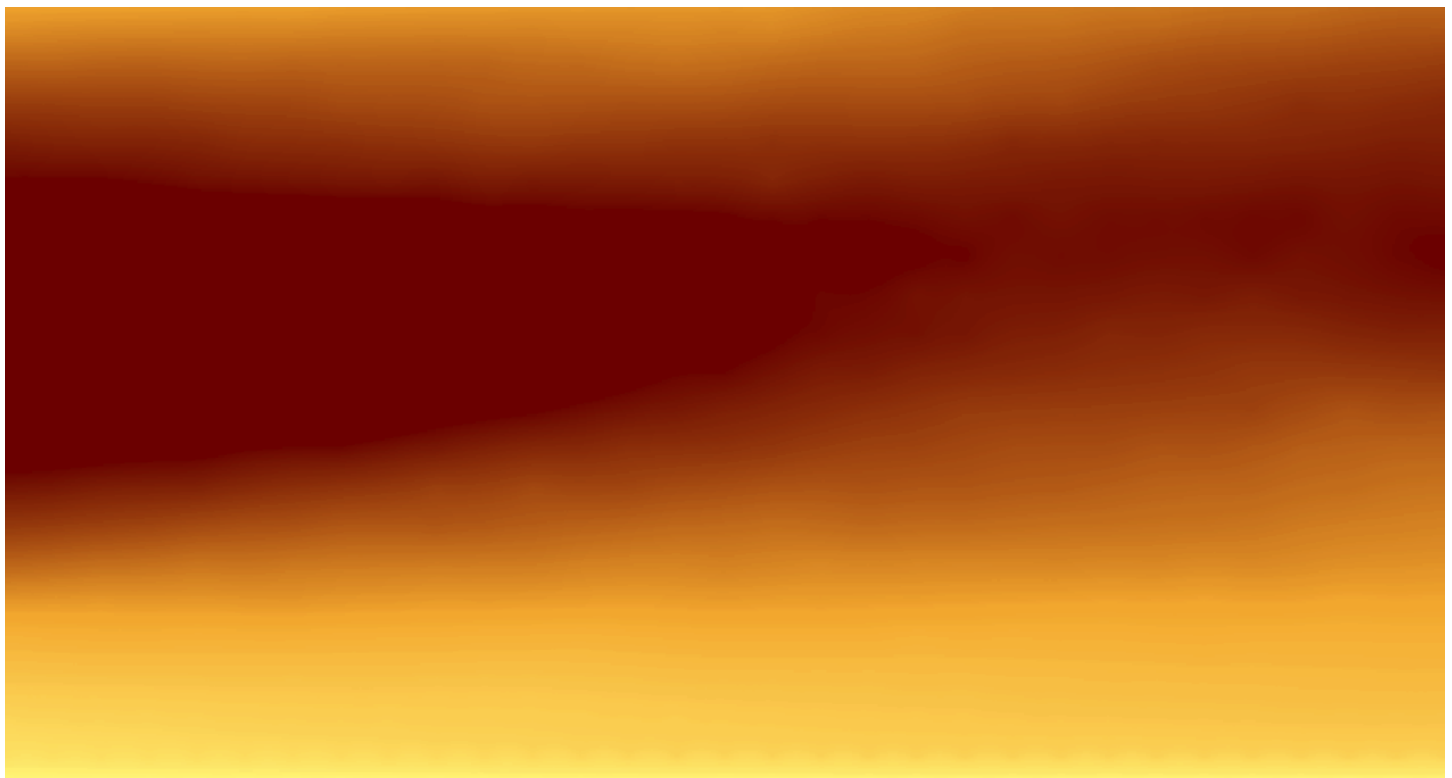
Angle tolerance: 45.0

Bandwidth (lags): 3.0

Semivariogram/Covariances: Var 1 & Var 1

32.742*Spherical(67.663)+0*Nugget

< Back Next > Finish Cancel



Using the tool Spatial Analyst/Interpolation/Kriging

I set up a cell size of 0.089375 which is the cell size of the previous raster. I keep Ordinary Kriging and the spherical semivariogram model.

```
Executing: Kriging GeoMean_20_364km U_mean_pos  
C:\Users\wannaz\Documents\Projects\Pangea\Model\1.0\Temporary\up_20_364tb "Spherical  
0.716000" 0.089375 "VARIABLE 12" #  
Start Time: Mon Aug 30 22:38:33 2010  
Executed (Kriging) successfully.  
End Time: Mon Aug 30 22:41:39 2010 (Elapsed Time: 3 minutes 6 seconds)
```

And I obtain the following that clearly has a pattern:

