

Raster  
properties  
**BEFORE** Project  
Raster

Layer Properties: january\_tro4

General  
Metadata  
**Source**  
Elevation  
Display  
Cache  
Joins  
Relates

Set Data Source...

▼ Data Source

|                |  |
|----------------|--|
| Data Type      | File Geodatabase Raster  |
| Database       | E:\ddrive\GIS\projects\GTAC_Shoreline\Rasters\Wills_NHF_test_dems\Biles_NHF_test |
| Dataset        | january_tro4   |
| Vertical Units | Meter  |

▼ Raster Information

|                          |                |
|--------------------------|----------------|
| Columns                  | 3002           |
| Rows                     | 2002           |
| Number of Bands          | 1              |
| Cell Size X              | 1              |
| Cell Size Y              | 1              |
| Uncompressed Size        | 22.93 MB       |
| Format                   | FGDBR          |
| Source Type              | Generic        |
| Pixel Type               | floating point |
| Pixel Depth              | 32 Bit         |
| NoData Value             |                |
| Colormap                 | absent         |
| Pyramids                 | absent         |
| Compression              | NONE           |
| Mensuration Capabilities | Basic          |

► Band Metadata

▼ Statistics

Build Parameters: skipped columns: 1, rows: 1, ignored value(s):

| Band Name | Minimum           | Maximum          | Mean             | Std. Deviation  |
|-----------|-------------------|------------------|------------------|-----------------|
| Band_1    | -1.92347741127014 | 279.265045166016 | 26.9348134918764 | 46.370819686957 |

▼ Extent

|        |                |   |
|--------|----------------|---|
| Top    | 408,000.519742 | m |
| Bottom | 405,998.519742 | m |
| Left   | 881,998.001164 | m |
| Right  | 885,000.001164 | m |

▼ Spatial Reference

|                             |  |
|-----------------------------|--|
| Projected Coordinate System | NAD 1983 (2011) StatePlane Alaska 1 FIPS 5001 (Meters) |
| Projection                  | Hotine Oblique Mercator Azimuth Natural Origin         |
| WKID                        | 6394   |

Layer Properties: january\_tro4.tif

General  
Metadata  
**Source**  
Elevation  
Display  
Cache  
Joins  
Relates

Set Data Source...

▼ Data Source

|                |   |
|----------------|---|
| Data Type      | Raster  |
| Location       | E:\ddrive\GIS\projects\GTAC_Shoreline\Rasters\Wills_NHF_test_ |
| Dataset        | january_tro4.tif  |
| Vertical Units | Meter   |

▼ Raster Information

|                          |                |
|--------------------------|----------------|
| Columns                  | 3002           |
| Rows                     | 2002           |
| Number of Bands          | 1              |
| Cell Size X              | 1              |
| Cell Size Y              | 1              |
| Uncompressed Size        | 22.93 MB       |
| Format                   | TIFF           |
| Source Type              | Generic        |
| Pixel Type               | floating point |
| Pixel Depth              | 32 Bit         |
| NoData Value             |                |
| Colormap                 | absent         |
| Pyramids                 | absent         |
| Compression              | None           |
| Mensuration Capabilities | Basic          |

► Band Metadata

▼ Statistics

Build Parameters: skipped columns: 1, rows: 1, ignored value(s):

| Band Name | Minimum       | Maximum       | Mean          | Std. Deviation |
|-----------|---------------|---------------|---------------|----------------|
| Band_1    | -1.9234774112 | 279.265045166 | 26.9348134918 | 46.3708196869  |

▼ Extent

|        |                |   |
|--------|----------------|---|
| Top    | 408,000.519742 | m |
| Bottom | 405,998.519742 | m |
| Left   | 881,998.001164 | m |
| Right  | 885,000.001164 | m |

▼ Spatial Reference

|                             |   |
|-----------------------------|---|
| Projected Coordinate System | NAD 1983 (2011) StatePlane Alaska 1 FIPS 5001 |
| Projection                  | Hotine Oblique Mercator Azimuth Natural Orig  |
| WKID                        | 6394  |
| Previous WKID               | 102977  |
| Authority                   | EPSG  |

Raster  
properties  
**AFTER** Project  
Raster

Layer Properties: jan\_tro4\_itrf2

General  
Metadata  
**Source**  
Elevation  
Display  
Cache  
Joins  
Relates

Get Data Source...

▼ Data Source

|                |   |
|----------------|---|
| Data Type      | File Geodatabase Raster                                       |
| Database       | E:\ddrive\GIS\projects\GTAC_Shoreline\Rasters\Wills_NHF_test_ |
| Dataset        | jan_tro4_itrf2  |
| Vertical Units | Meter   |

▼ Raster Information

|                          |                      |
|--------------------------|----------------------|
| Columns                  | 3961                 |
| Rows                     | 1519                 |
| Number of Bands          | 1                    |
| Cell Size X              | 1.21132745838446E-05 |
| Cell Size Y              | 1.21132745838485E-05 |
| Uncompressed Size        | 22.95 MB             |
| Format                   | FGDBR                |
| Source Type              | Generic              |
| Pixel Type               | floating point       |
| Pixel Depth              | 32 Bit               |
| NoData Value             |                      |
| Colormap                 | absent               |
| Pyramids                 | absent               |
| Compression              | LZ77                 |
| Mensuration Capabilities | Basic                |

► Band Metadata

▼ Statistics

Build Parameters: skipped columns: 1, rows: 1, ignored value(s):

| Band Name | Minimum       | Maximum       | Mean          | Std. Deviation |
|-----------|---------------|---------------|---------------|----------------|
| Band_1    | -5.1926078796 | 275.109558105 | 22.8236219953 | 46.3686525045  |

▼ Extent

|        |             |    |  |
|--------|-------------|----|--|
| Top    | 55.495010   | dd |  |
| Bottom | 55.476610   | dd |  |
| Left   | -132.665375 | dd |  |
| Right  | -132.617394 | dd |  |

▼ Spatial Reference

|                              |                             |
|------------------------------|-----------------------------|
| Geographic Coordinate System | ITRF 2008                   |
| WKID                         | 8999                        |
| Previous WKID                | 104257                      |
| Authority                    | EPSG                        |
| Angular Unit                 | Degree (0.0174532925199433) |
| Prime Meridian               | Greenwich (0.0)             |

Layer Properties: january\_tro4\_itrf\_notilde.tif

General  
Metadata  
**Source**  
Elevation  
Display  
Cache  
Joins  
Relates

|                |   |
|----------------|---|
| Data Type      | Raster  |
| Location       | E:\ddrive\GIS\projects\GTAC_Shoreline\Rasters\Wills_NHF_test_ |
| Dataset        | january_tro4_itrf_notilde.tif                                 |
| Vertical Units | Meter   |

▼ Raster Information

|                          |                      |
|--------------------------|----------------------|
| Columns                  | 3961                 |
| Rows                     | 1519                 |
| Number of Bands          | 1                    |
| Cell Size X              | 1.21132745838446E-05 |
| Cell Size Y              | 1.21132745838485E-05 |
| Uncompressed Size        | 22.95 MB             |
| Format                   | TIFF                 |
| Source Type              | Generic              |
| Pixel Type               | floating point       |
| Pixel Depth              | 32 Bit               |
| NoData Value             | 3.4e+38              |
| Colormap                 | absent               |
| Pyramids                 | absent               |
| Compression              | LZW                  |
| Mensuration Capabilities | Basic                |

► Band Metadata

▼ Statistics

Build Parameters: skipped columns: 1, rows: 1, ignored value(s):

| Band Name | Minimum       | Maximum       | Mean          | Std. Deviation |
|-----------|---------------|---------------|---------------|----------------|
| Band_1    | -5.2109241485 | 275.089477535 | 22.8050268525 | 46.3689736877  |

▼ Extent

|        |             |    |  |
|--------|-------------|----|--|
| Top    | 55.494998   | dd |  |
| Bottom | 55.476598   | dd |  |
| Left   | -132.665339 | dd |  |
| Right  | -132.617358 | dd |  |

▼ Spatial Reference

|                              |                             |
|------------------------------|-----------------------------|
| Geographic Coordinate System | ITRF 2008                   |
| WKID                         | 8999                        |
| Previous WKID                | 104257                      |
| Authority                    | EPSG                        |
| Angular Unit                 | Degree (0.0174532925199433) |
| Prime Meridian               | Greenwich (0.0)             |
| Datum                        | D ITRF 2008                 |
| Spheroid                     | GRS 1980                    |

# Raster properties AFTER Project Raster.

Cell size projection  
method=Preserve  
resolution

General  
Metadata  
**Source**  
Elevation  
Display  
Cache  
Joins  
Relates

Set Data Source...

|                |   |
|----------------|---|
| Data Type      | File Geodatabase Raster                                       |
| Database       | E:\ddrive\GIS\projects\GTAC_Shoreline\Rasters\Wills_NHF_test_ |
| Dataset        | jan_tro4_itrf_BG2ND   |
| Vertical Units | Meter   |

▼ Raster Information

|                          |                      |
|--------------------------|----------------------|
| Columns                  | 4226                 |
| Rows                     | 1517                 |
| Number of Bands          | 1                    |
| Cell Size X              | 1.21132745838471E-05 |
| Cell Size Y              | 1.21132745838503E-05 |
| Uncompressed Size        | 24.46 MB             |
| Format                   | FGDBR                |
| Source Type              | Generic              |
| Pixel Type               | floating point       |
| Pixel Depth              | 32 Bit               |
| NoData Value             |                      |
| Colormap                 | absent               |
| Pyramids                 | absent               |
| Compression              | LZ77                 |
| Mensuration Capabilities | Basic                |

► Band Metadata

▼ Statistics

Build Parameters: skipped columns: 1, rows: 1, ignored value(s):

| Band Name | Minimum       | Maximum       | Mean          | Std. Deviation |
|-----------|---------------|---------------|---------------|----------------|
| Band_1    | -5.1926078796 | 275.109558105 | 22.9580334943 | 46.4655859243  |

▼ Extent

|        |             |    |
|--------|-------------|----|
| Top    | 55.495010   | dd |
| Bottom | 55.476634   | dd |
| Left   | -132.665375 | dd |
| Right  | -132.614184 | dd |

▼ Spatial Reference

|                              |                             |
|------------------------------|-----------------------------|
| Geographic Coordinate System | ITRF 2008                   |
| WKID                         | 8999                        |
| Previous WKID                | 104257                      |
| Authority                    | EPSG                        |
| Angular Unit                 | Degree (0.0174532925199433) |
| Prime Meridian               | Greenwich (0.0)             |

General  
Metadata  
**Source**  
Elevation  
Display  
Cache  
Joins  
Relates

Set Data Source...

|                |   |
|----------------|---|
| Data Type      | Raster  |
| Location       | E:\ddrive\GIS\projects\GTAC_Shoreline\Rasters\Wills_NHF_test_ |
| Dataset        | january_tro4_itrf_BG2ND.tif                                   |
| Vertical Units | Meter   |

▼ Raster Information

|                          |                      |
|--------------------------|----------------------|
| Columns                  | 4226                 |
| Rows                     | 1517                 |
| Number of Bands          | 1                    |
| Cell Size X              | 1.21132745838471E-05 |
| Cell Size Y              | 1.21132745838503E-05 |
| Uncompressed Size        | 24.46 MB             |
| Format                   | TIFF                 |
| Source Type              | Generic              |
| Pixel Type               | floating point       |
| Pixel Depth              | 32 Bit               |
| NoData Value             | 3.4e+38              |
| Colormap                 | absent               |
| Pyramids                 | absent               |
| Compression              | LZW                  |
| Mensuration Capabilities | Basic                |

► Band Metadata

▼ Statistics

Build Parameters: skipped columns: 1, rows: 1, ignored value(s):

| Band Name | Minimum       | Maximum       | Mean          | Std. Deviation |
|-----------|---------------|---------------|---------------|----------------|
| Band_1    | -5.2109231948 | 275.089477535 | 22.9385777418 | 46.4654181366  |

▼ Extent

|        |             |    |
|--------|-------------|----|
| Top    | 55.494998   | dd |
| Bottom | 55.476622   | dd |
| Left   | -132.665339 | dd |
| Right  | -132.614148 | dd |

▼ Spatial Reference

|                              |                             |
|------------------------------|-----------------------------|
| Geographic Coordinate System | ITRF 2008                   |
| WKID                         | 8999                        |
| Previous WKID                | 104257                      |
| Authority                    | EPSG                        |
| Angular Unit                 | Degree (0.0174532925199433) |
| Prime Meridian               | Greenwich (0.0)             |