Wind Speed, LV Watershed, raster, 1/2000 - 12/2015

Reference Information and Units:

GCS: EPSG:4326 (http://spatialreference.org/)
Projection: Data has not been projected.
Pixel Size: 0.125 degrees, approx. 14km at the equator
Units: m/s^{-1}. At surface. Data values are monthly means of daily means.

File Naming Convention:

WS_Year_month

Data Origin:

ERA Interim, Monthly Means of Daily Means, and was developed by the European Centre for Medium-Range Weather Forecasts (ECMWF). http://apps.ecmwf.int/datasets/data/interim-full-moda/levtype=sfc/

Sensor:

Various, "Reanalysis (as well as analysis) is a process by which model information and observations of many different sorts are combined in an optimal way to produce a consistent, global best estimate of the various atmospheric, wave and oceanographic parameters."

Code:

```
for %A in ("C:\temp\*.nc") do gdal_translate -of GTiff -ot FLOAT32 -a_srs "+init=epsg:4326" -unscale -co "COMPRESS=PACKBITS" "%A" "%A.tif
```

Data Development/Processing:

Converted TIFF data was validated against the parent NetCDF file for correct cell size and pixel value.
Output TIFFs were flipped. This was remedied via batch flipping in ArcGIS (Flip tool).
The GCS was batch defined in ArcGIS as EPSG:4326.
Processed data was then batch clipped to Lake Victoria and the surrounding lakes and statistics were calculated.