Wind Direction, 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 degree at the equator
Units: degrees from north 0. At surface. Data values are monthly means of daily means.
Note: 0 is wind from north, 90 is wind from west, and so on.
Surface level winds.

File Naming Convention:

Wind_dir_YYYY_MM

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:

Data was downloaded in two components; 10 meter V, and 10 meter U, where V represents wind direction from West to East (Westerly) and U represents wind direction from South to North (Southerly).