
Subject: NARR Lambert Conformal Conic projection to lat lon projection conversion
Posted by [siumtesfai](#) on Tue, 06 Jun 2017 18:26:14 GMT
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hello

I read North America reanalysis data (NARR) . It has Lambert Conformal Conic projection.

How can i convert the data to lat lon projection

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As to the NARR mapping, it is Lambert Conformal Conic. There are specifications in the attributes internal to each NetCDF file:

```
Lambert_Conformal:false_easting = 5632642.22547 ;  
Lambert_Conformal:false_northing = 4612545.65137 ;  
Lambert_Conformal:grid_mapping_name = "lambert_conformal_conic" ;  
Lambert_Conformal:latitude_of_projection_origin = 50. ;  
Lambert_Conformal:longitude_of_central_meridian = -107. ;  
Lambert_Conformal:standard_parallel = 50., 50. ;  
Lambert_Conformal:_Endianness = "little" ;
```

// global attributes:

```
:centerlat = 50. ;  
:centerlon = -107. ;  
:latcorners = 1.000001f, 0.897945f, 46.3544f, 46.63433f ;  
:loncorners = -145.5f, -68.32005f, -2.569891f, 148.6418f ;  
:standardpar1 = 50. ;  
:standardpar2 = 50.000001 ;
```

;
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Best regards

Subject: Re: NARR Lambert Conformal Conic projection to lat lon projection conversion
Posted by [natha](#) on Tue, 06 Jun 2017 19:37:30 GMT
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Hi Sium,

The lat/lon values of the projection are available online:
<http://archive.atmos.colostate.edu/data/NARR/latlon.g221.txt>

Regards,

nata
