## Subject: Projection Parameters in ENVI
Posted by envi35 on Thu, 14 Oct 2004 22:35:11 GMT

Hi,
Could anyone tell me about the meaning of the parameters in the ENVI
map projections table? In the online help of ENVI, there is a table
including all the map projections in ENVI, such as projection name and
description and ENVI projection number. For example, for the Polar
Stereographic projection (31), a,b,lat0,lon0,x0,y0,[datum],name, are
the requred parameters. I've searched hard to try to find the
explanations for these parameters, but failed. I know the a and b are
semi-major and semi-minor axis. But how can I know if the lat0/lon0
are for the center or for the origin of the map? Do those parameters
always have the same meanings for all the projections in the table?

My image data is centered on the north pole, the reference lon/lat is
(-45,70), and I know the lon/lat pairs for all pixels. I tried to set
the params for ENVI_MAP_INFO_CREATE differently, but when I opened the
image in envi, it is never right.

Any hints are welcome & appreciated,
Jenny