

From: "Connie Woodhouse (by way of \"Henri D. Grissino-Mayer\" <grissino@valdosta.edu>)"  
<woodhous@NGDC.NOAA.GOV>  
To: ITRDBFOR@LISTSERV.ARIZONA.EDU  
Subject: Re: Problem with "az510.crn": No Correlation  
Date: Mon, 26 Apr 1999 16:26:13 -0400  
Reply-to: grissino@VALDOSTA.EDU

Dear Steve,

AZ510.crn is a bristlecone pine chronology. I suspect the others you are working with are ponderosa pine or Douglas-fir. In this region, these lower-elevation species have quite a different response to climate than the bristlecone. I haven't worked with the AZ510 chronology, but I would guess that bristlecone tree growth at this site would be favored by warm winter temperatures and perhaps somewhat drier conditions, while the ponderosa and Douglas-fir do well under cool, wet winter conditions. This may be the reason for your poor correlations.

regards,

Connie Woodhouse

Connie Woodhouse  
NOAA Paleoclimatology Program  
National Geophysical Data Center  
325 Broadway  
Boulder, CO 80303  
ph: (303)497-6297  
fax: (303)497-6513  
email: woodhous@ngdc.noaa.gov

Institute of Arctic and Alpine Research  
Campus Box 450  
University of Colorado  
Boulder, CO 80309  
ph: (303)497-6297  
fax: (303)497-6513  
email: woodhous@culter.colorado.edu