

***NATIONAL WEATHER SERVICE
PRODUCT/SERVICE DESCRIPTION DOCUMENT (PDD)
TYPE: Official Product
DATE: January 29, 2003***

EL NIÑO/SOUTHERN OSCILLATION (ENSO) DIAGNOSTIC DISCUSSION

Part 1 - Mission Connection

1. Product/Service Description:

The Climate Prediction Center (CPC) issues this monthly bulletin to provide insight into climate outlooks by reviewing the potential effects of the ENSO.

2. Purpose/Intended Use:

CPC issues this bulletin to provide insight into climate outlooks by reviewing past ENSO conditions and looking ahead to implications on the upcoming seasons.

3. Audience:

The product is intended for use by decision makers (having a technical background in climate variability) in weather and climate sensitive activities sensitive to seasonal and inter-annual climate variation.

4. Presentation Format:

The summary is presented in text on AWIPS. It is also posted on the CPC web site. The text refers to various graphics.

5. Feedback Method:

E-mail both Robert.Leffler@noaa.gov and Barbara.Mayes@noaa.gov.

Part 2 - Technical

1. Format and Science Basis:

CPC addresses the current oceanic and atmospheric conditions in the Pacific and the seasonal climate outlook for the following one to three seasons. They include analysis of current and recent patterns in surface and subsurface water temperature anomalies in the tropical Pacific; other related analyses such as rainfall, outgoing long wave radiation, etc.; influencing factors such as Madden-Julian Oscillations, Kelvin waves, etc; and statistical and coupled model predictions.

The following is a generic format. The current discussion is at

http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/enso_advisory/.

EL NIÑO/SOUTHERN OSCILLATION (ENSO) DIAGNOSTIC DISCUSSION
NWS CLIMATE PREDICTION CENTER CAMP SPRINGS MD
1000 AM E-T THU mo. # 20-

NOTE: FIGURES MENTIONED IN THE DISCUSSION ARE AVAILABLE ON
THE INTERNET AT (url).

...text ...

THIS DISCUSSION IS A TEAM EFFORT OF NOAA AND ITS FUNDED IN-
STITUTIONS. UPDATES OF SST... 850-HPA WIND... OLR AND THE EQUA-
TORIAL SUBSURFACE TEMPERATURE STRUCTURE ARE AVAILABLE ON
THE CLIMATE PREDICTION CENTER WEB PAGE AT
HTTP://WWW.CPC.NCEP.NOAA.GOV (WEEKLY UPDATE). FORECASTS
FOR THE EVOLUTION OF EL NIO/LA NIA ARE UPDATED MONTHLY IN
CPCS CLIMATE DIAGNOSTICS BULLETIN FORECAST FORUM. TO RE-
CEIVE AN E-MAIL NOTIFICATION WHEN UPDATED ENSO DIAGNOSTIC
DISCUSSIONS ARE RELEASED PLEASE SEND YOUR E-MAIL ADDRESS
TO:

CLIMATE PREDICTION CENTER
NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION
NOAA/NATIONAL WEATHER SERVICE
CAMP SPRINGS MD 20746-4304
E-MAIL: (contact) -optional-
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2. Availability:

CPC will issue the discussion on the first or second Thursday of each month at around 10:00 a.m. Eastern local time. The issuance time may be a few hours later if it is part of a climate outlook press conference. It is issued in NWS dissemination systems under the following IDs:

WMO heading - FXUS24 KWNC AWIPS ID - PMDENS

It is also available in the CPC web site at the address in section a.

3. Additional Information:

- Valid Time: This product is valid until the next issuance.
- Product Expiration Time: This product expires with the next issuance.
- Creation Software: CPC issues the publication using a text editor.