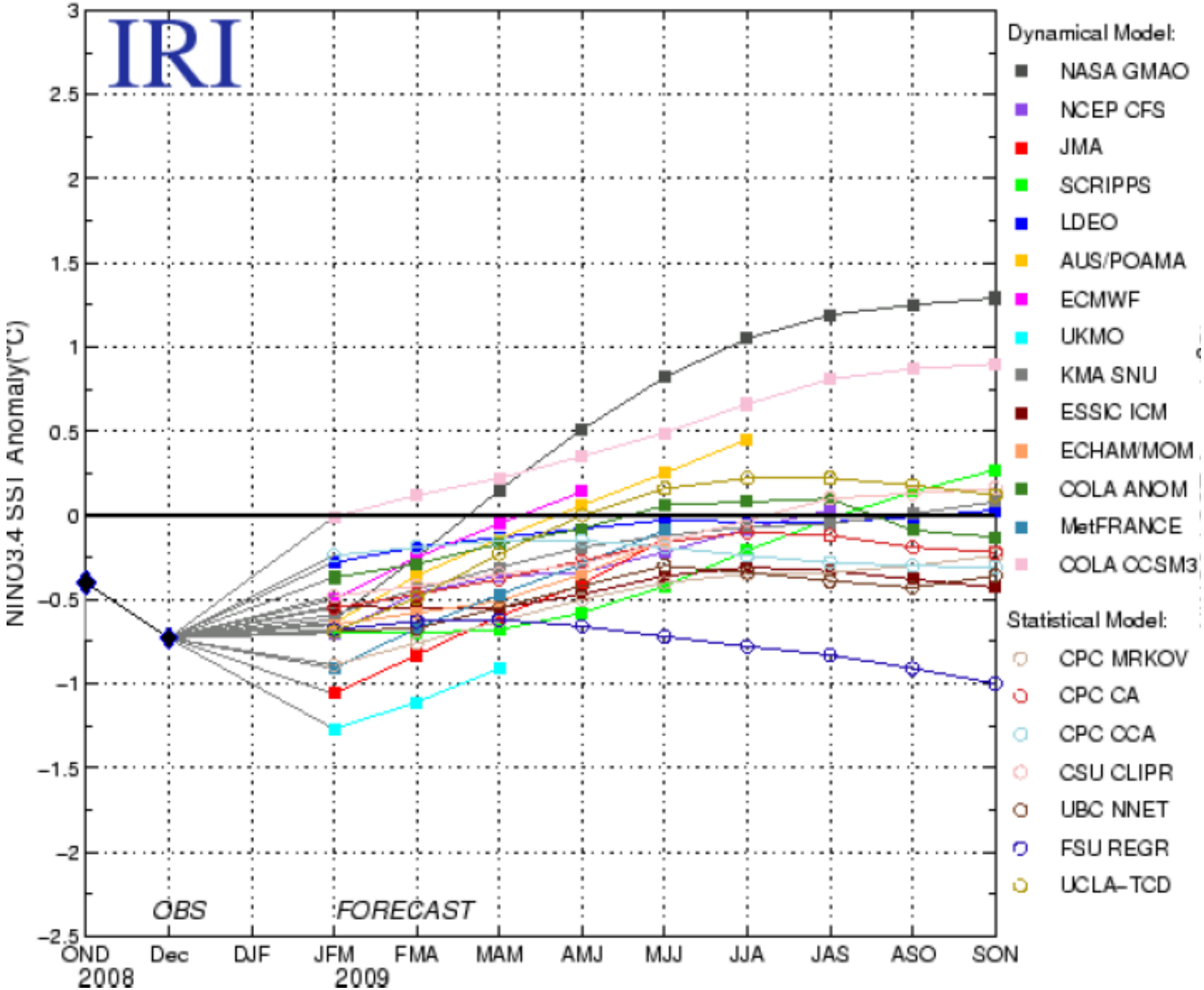
# CPC Summary

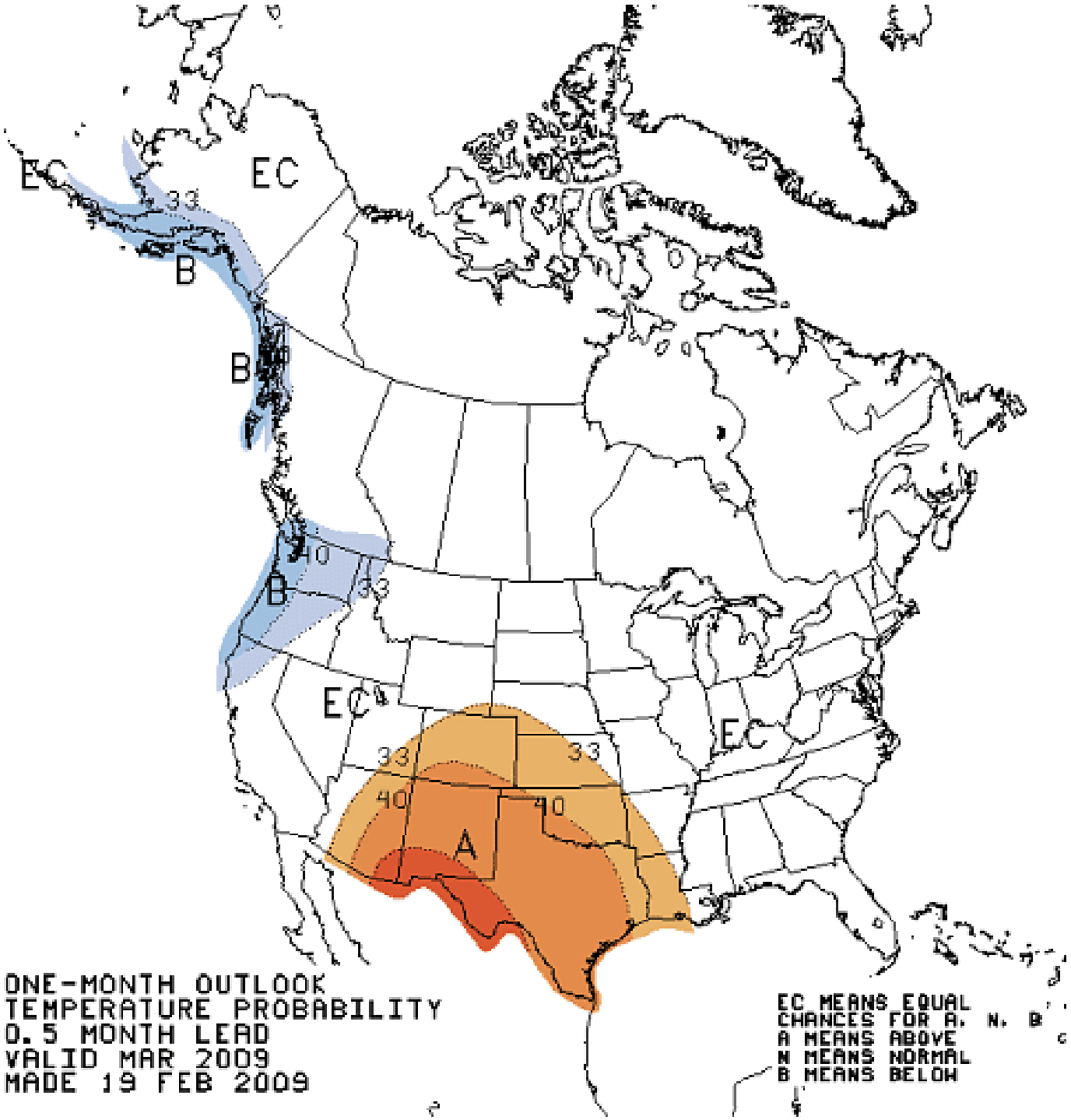
**Atmospheric and oceanic conditions reflect La Niña.**

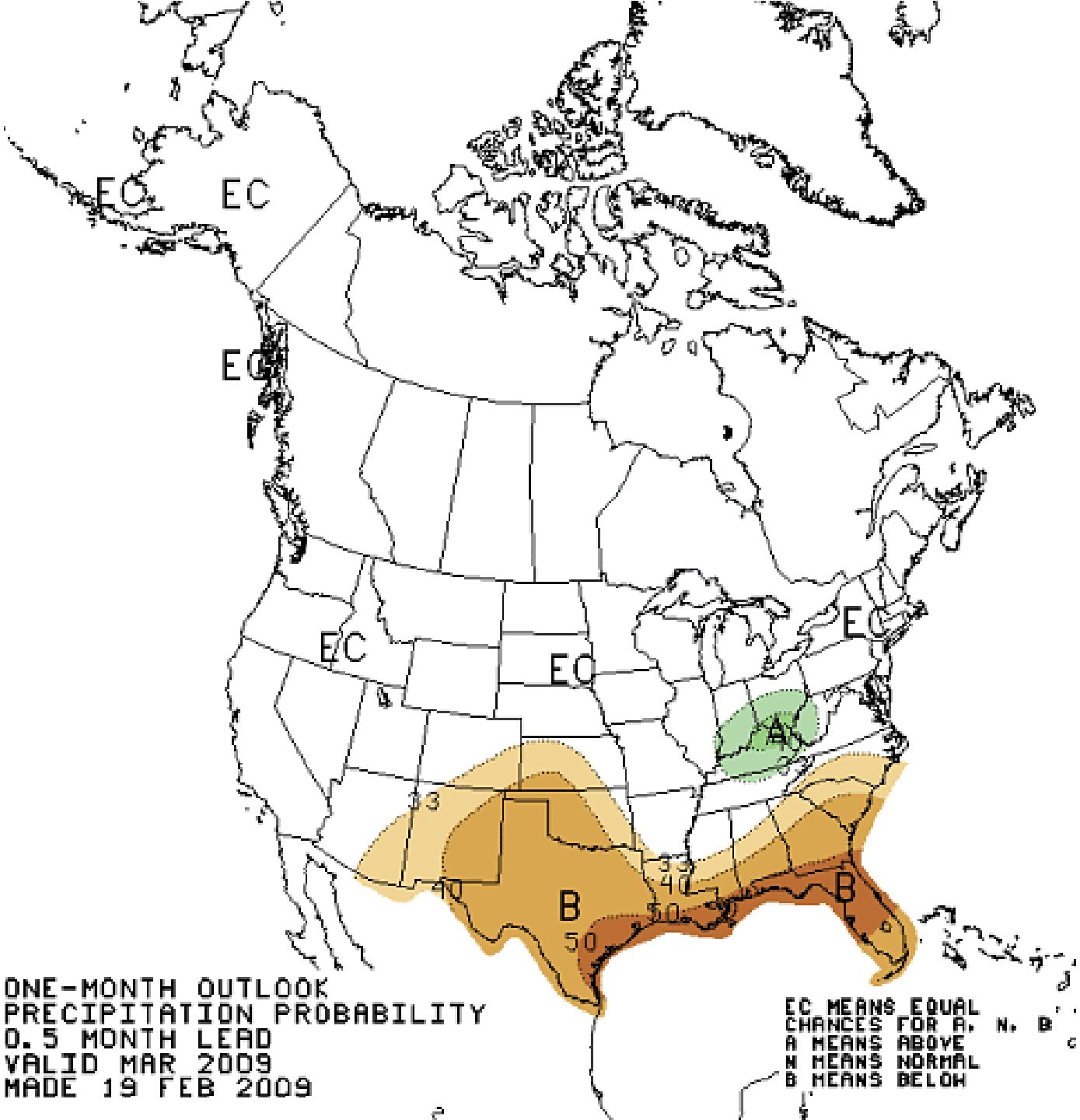
**Negative equatorial SST anomalies persist across the central and east-central Pacific Ocean.**

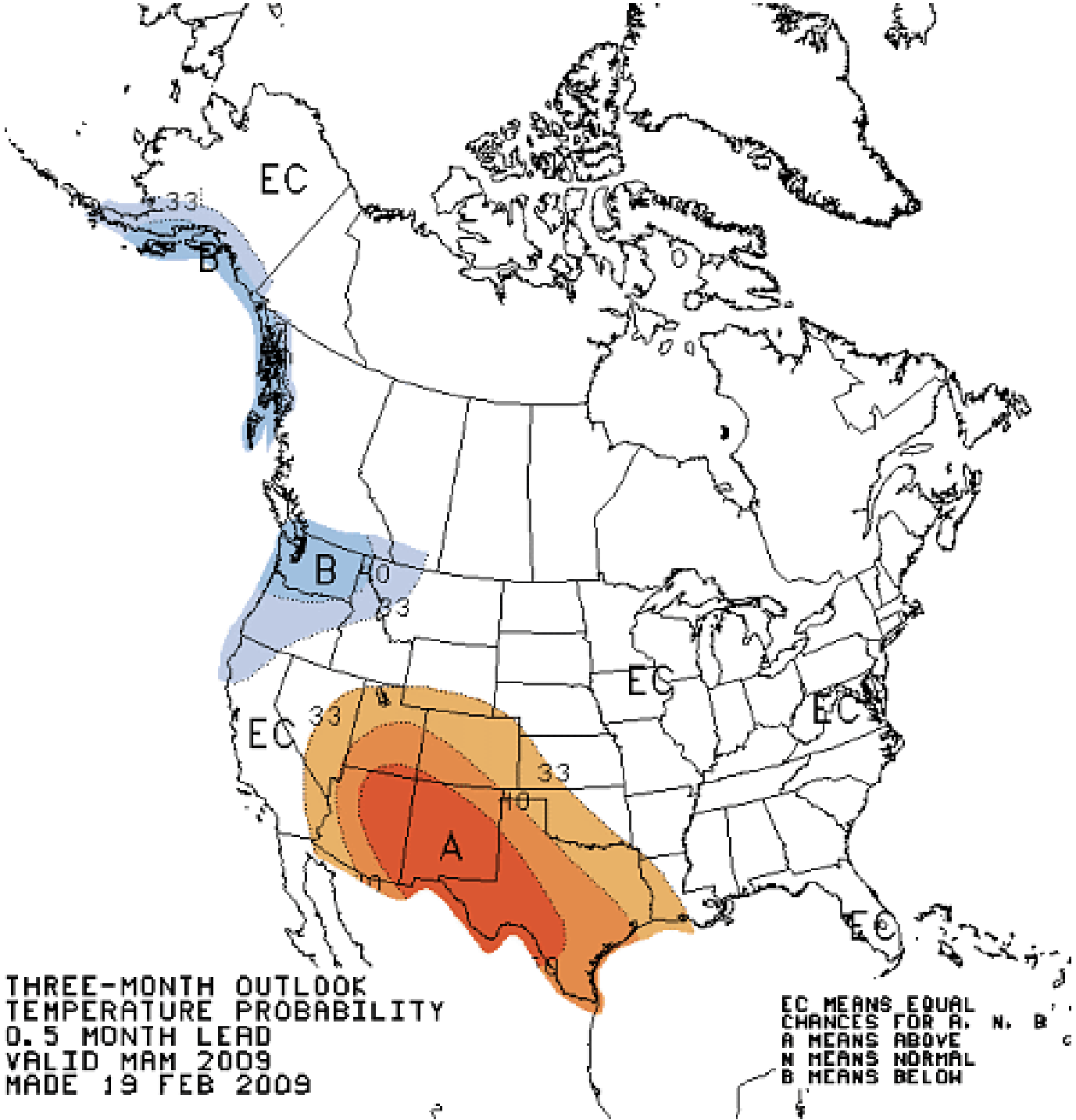
**Based on recent trends in the observations and model forecasts, La Niña conditions are likely to continue into Spring 2009.**

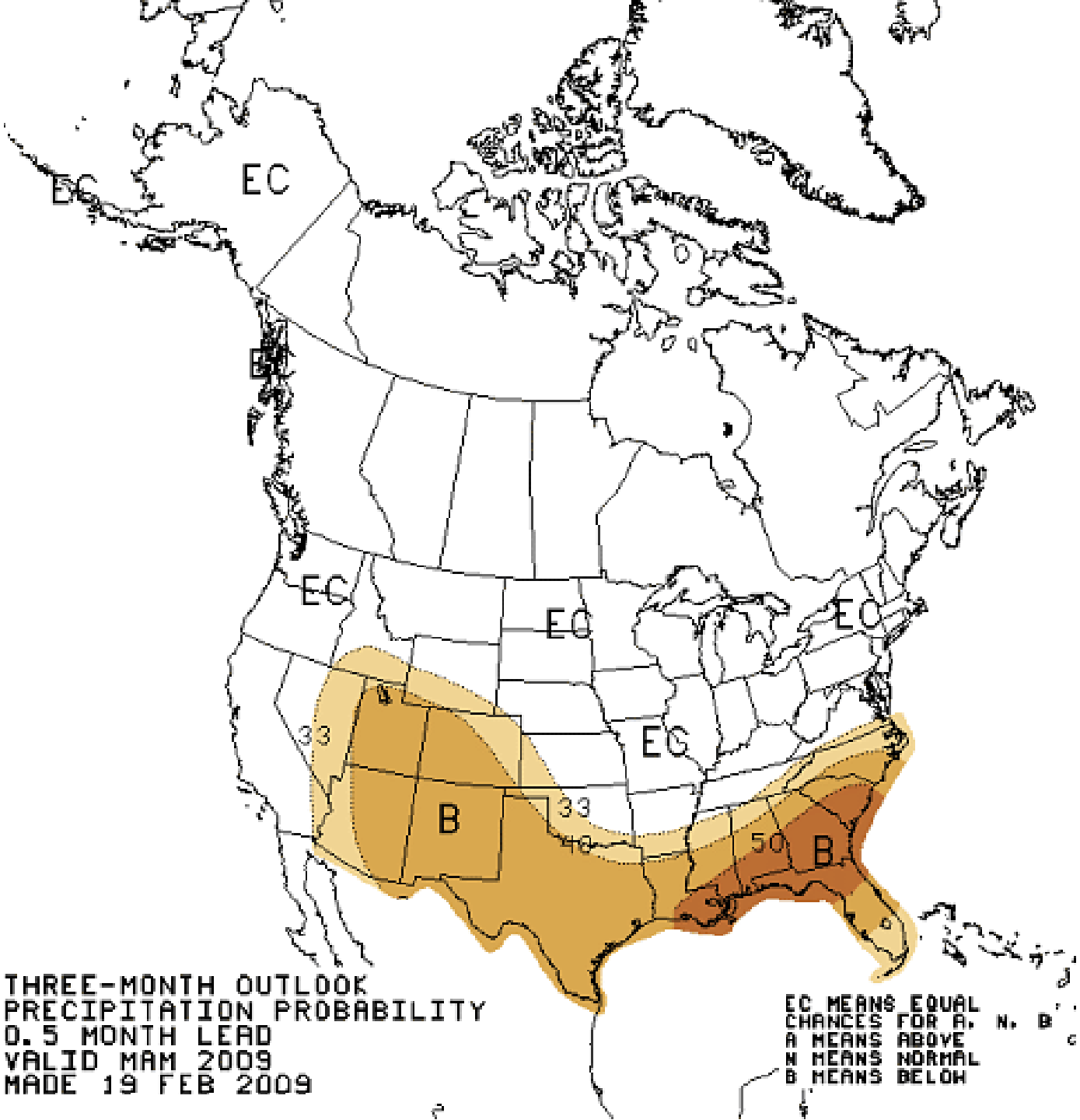
# Model Forecasts of ENSO from *Jan 2009*




EC
EC
33
B
B
40
B
33
EC
EC
33
33
40
40
A
ONE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
0.5 MONTH LEAD
VALID MAR 2009
MADE 19 FEB 2009
EC MEANS EQUAL
CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW

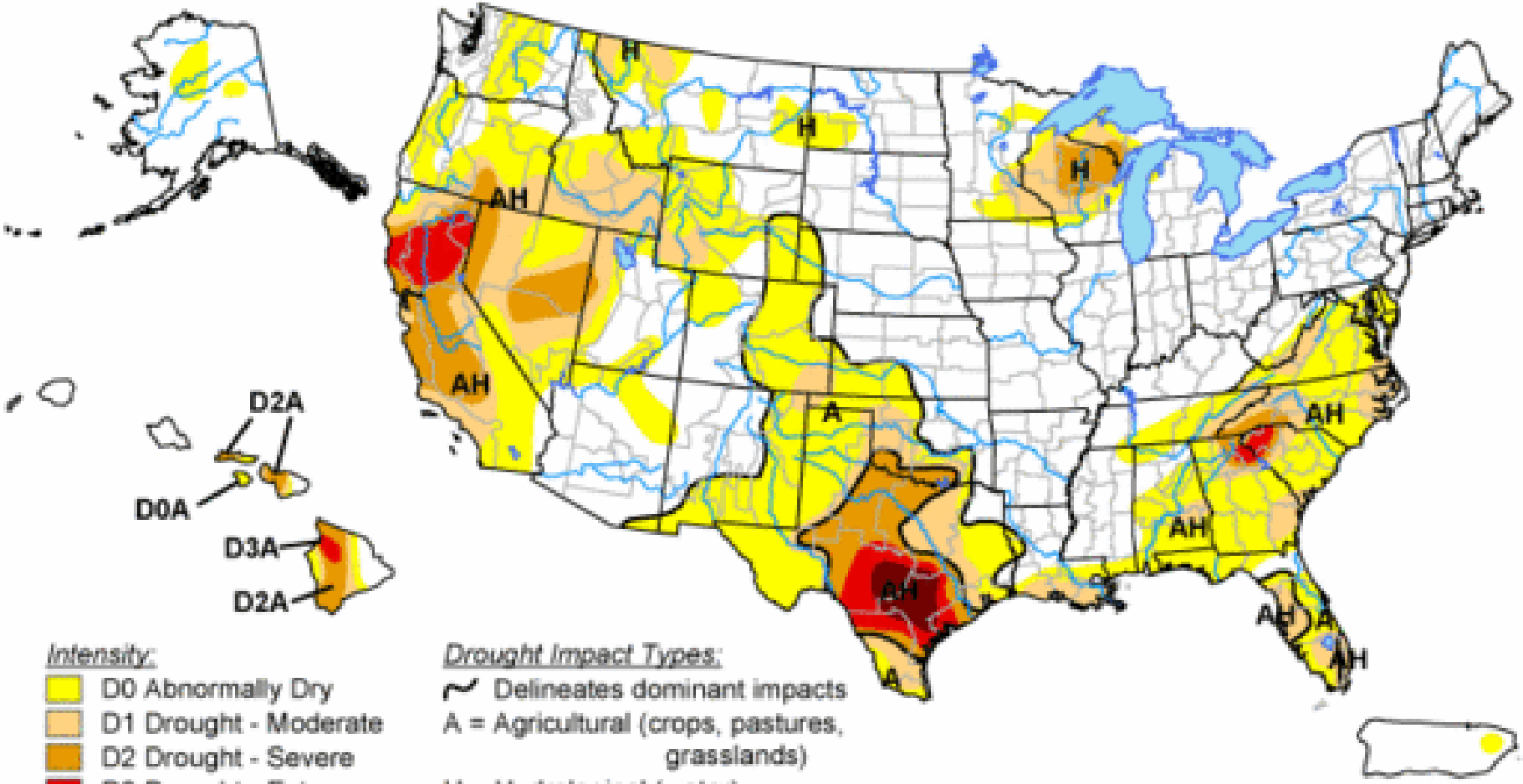

EC
EC
EC
EC
EC
EC
A
B
B
33
40
33
40
50
50
ONE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
0.5 MONTH LEAD
VALID MAR 2009
MADE 19 FEB 2009
EC MEANS EQUAL
CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW


EC
33
B
B
40
33
EC
33
EC
EC
33
40
A
EC
THREE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
0.5 MONTH LEAD
VALID MAM 2009
MADE 19 FEB 2009
EC MEANS EQUAL
CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW


EC
EC
EC
EC
EC
EC
B
B
33
33
40
50
THREE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
0.5 MONTH LEAD
VALID MAM 2009
MADE 19 FEB 2009
EC MEANS EQUAL
CHANCES FOR A. N. B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW

# U.S. Drought Monitor

**February 17, 2009**
Valid 8 a.m. EST




*Intensity:*

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

*Drought Impact Types:*

Delineates dominant impacts
A = Agricultural (crops, pastures, grasslands)
H = Hydrological (water)

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

**http://drought.unl.edu/dm**

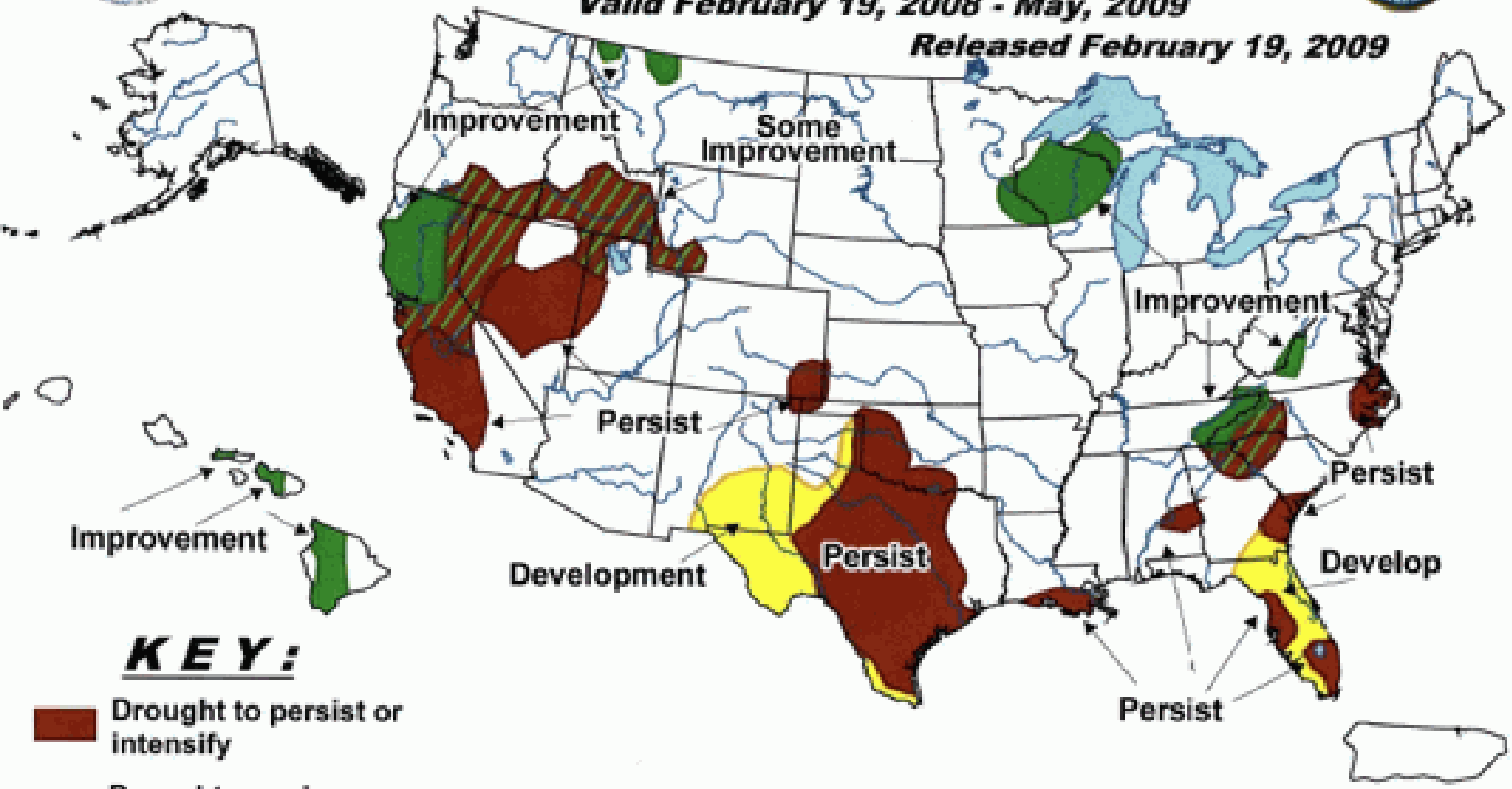
***Released Thursday, February 19, 2009***
***Author: David Miskus, JAWF/CPC/NOAA***

# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period

***Valid February 19, 2008 - May, 2009***

***Released February 19, 2009***




***KEY:***

- Drought to persist or intensify
- Drought ongoing, some improvement
- Drought likely to improve, impacts ease
- Drought development likely

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor. NOTE: the green improvement areas imply at least a 1-category improvement in the Drought Monitor intensity levels, but do not necessarily imply drought elimination.

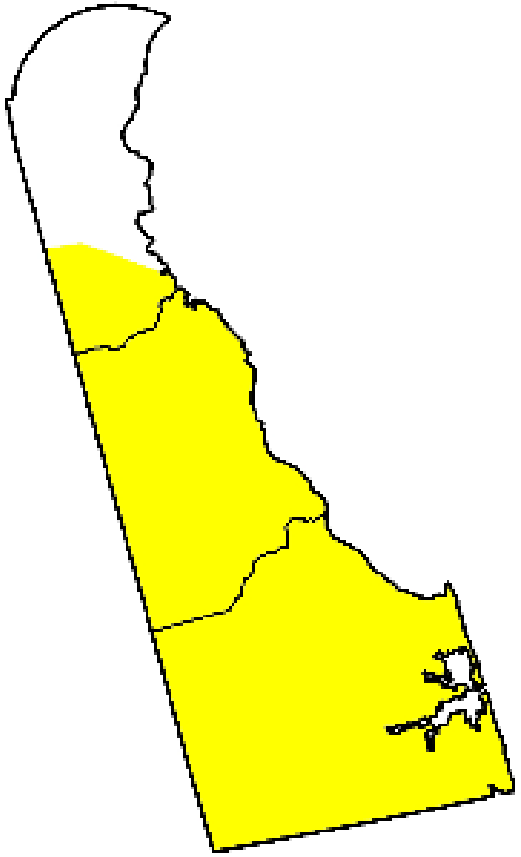
# U.S. Drought Monitor

## Delaware

**February 17, 2009**
Valid 7 a.m. EST

*Drought Conditions (Percent Area)*

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|---|---|---|---|---|---|
| Current | 17.9 | 82.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Last Week (02/10/2009 map) | 28.2 | 71.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3 Months Ago (11/25/2008 map) | 58.3 | 41.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| Start of Calendar Year (01/06/2009 map) | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Start of Water Year (10/07/2008 map) | 51.4 | 48.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| One Year Ago (02/19/2008 map) | 27.2 | 72.8 | 42.2 | 0.0 | 0.0 | 0.0 |



*Intensity:*

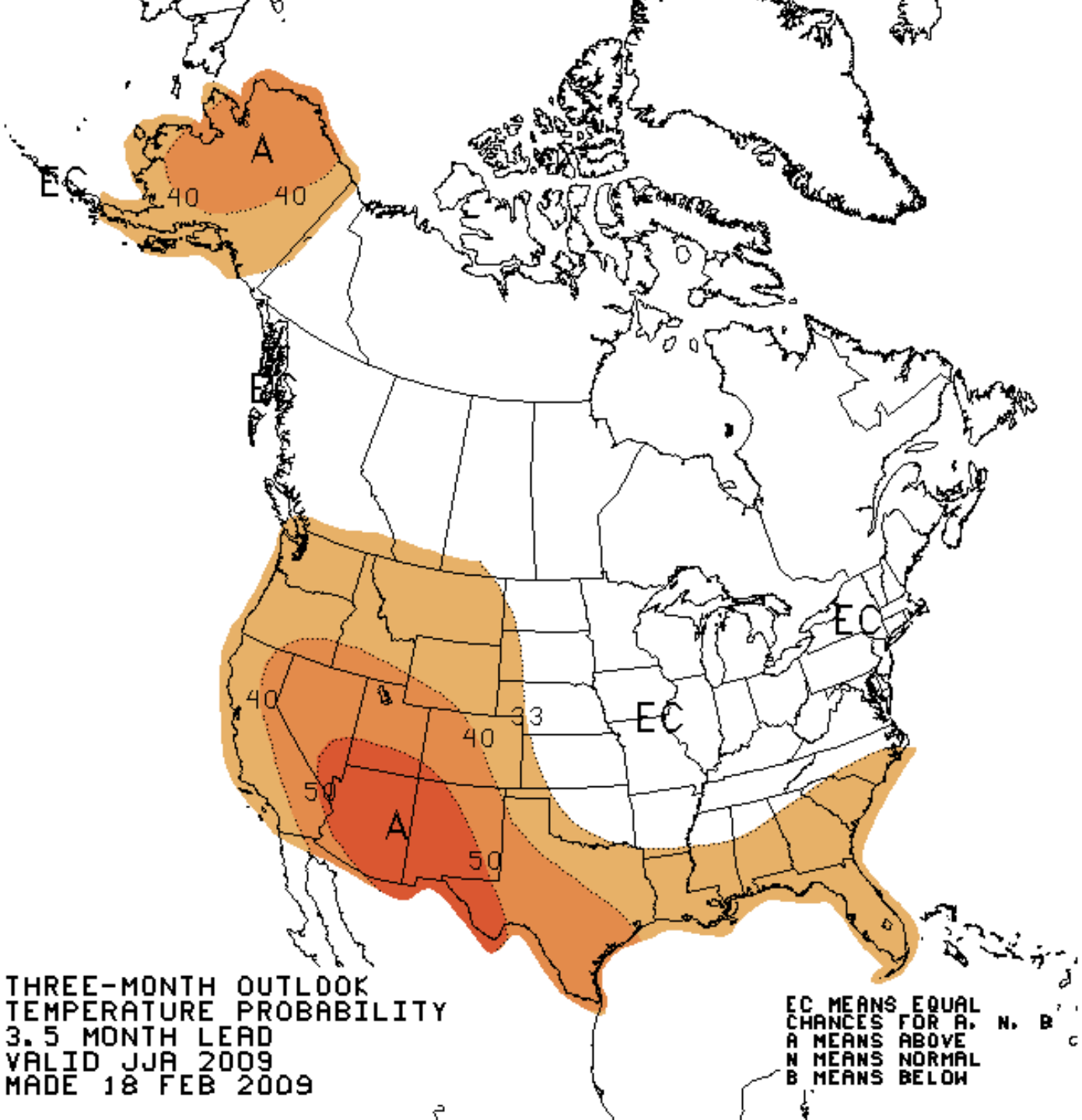
- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

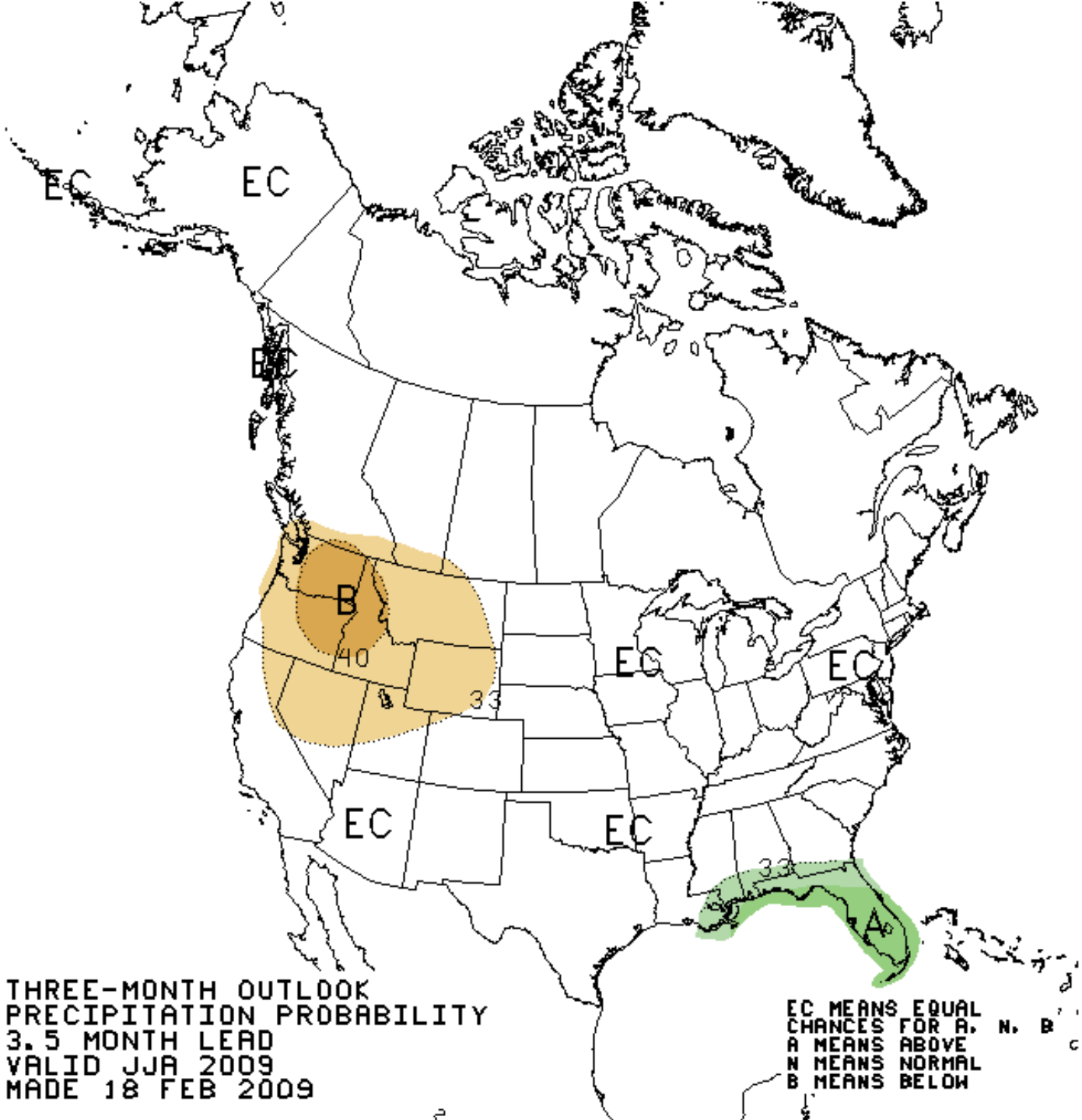
*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements*

**http://drought.unl.edu/dm**

***Released Thursday, February 19, 2009***

***Author: David Miskus, JAWF/CPC/NOAA***


A
EC
40
40
B
40
40
33
EC
EC
50
A
50
THREE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
3.5 MONTH LEAD
VALID JJA 2009
MADE 18 FEB 2009
EC MEANS EQUAL
CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW


EC
EC
EC
B
40
33
EC
EC
EC
EC
33
A
THREE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
3.5 MONTH LEAD
VALID JJA 2009
MADE 18 FEB 2009
EC MEANS EQUAL
CHANCES FOR A. N. B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW