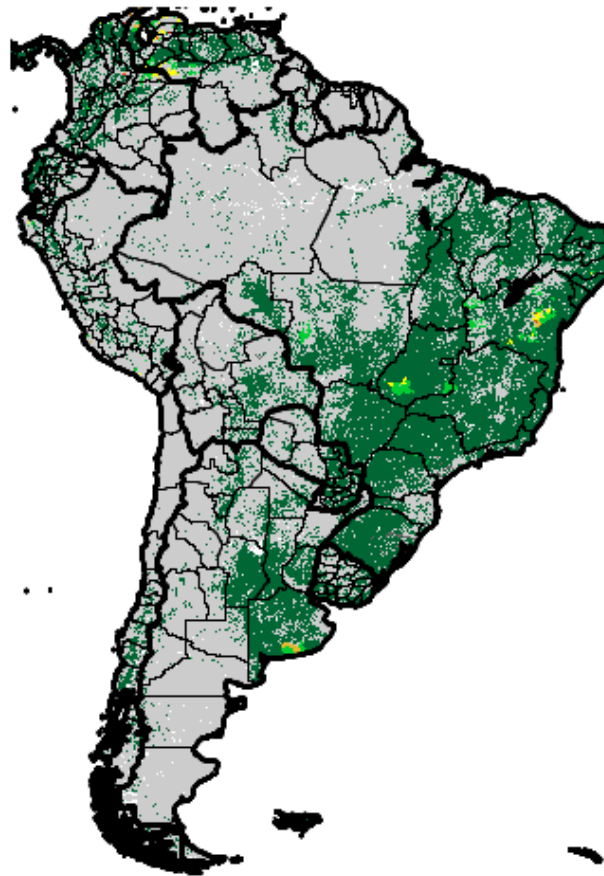
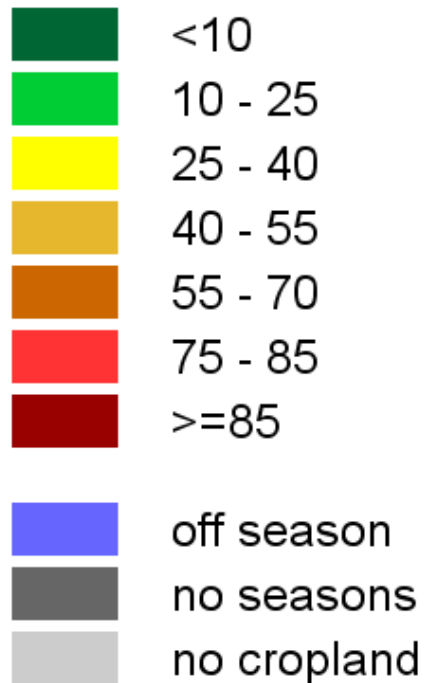


# South America- % Crop area affected by drought (ASI)

SEASON 1 1984

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

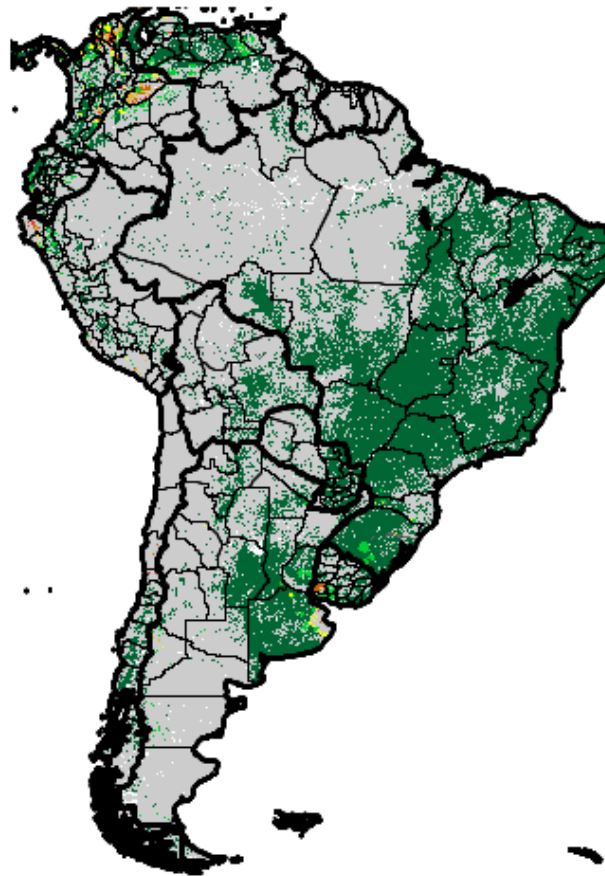
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1985

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

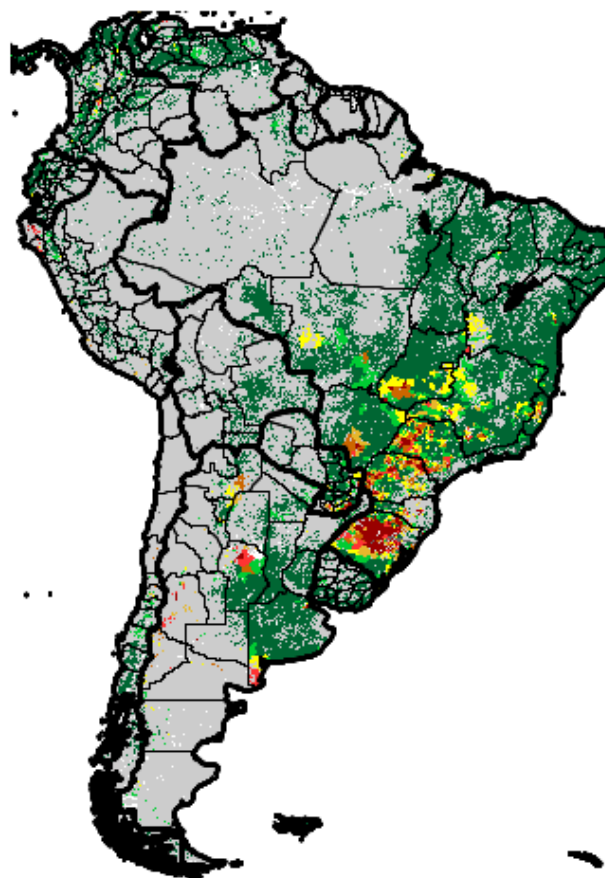
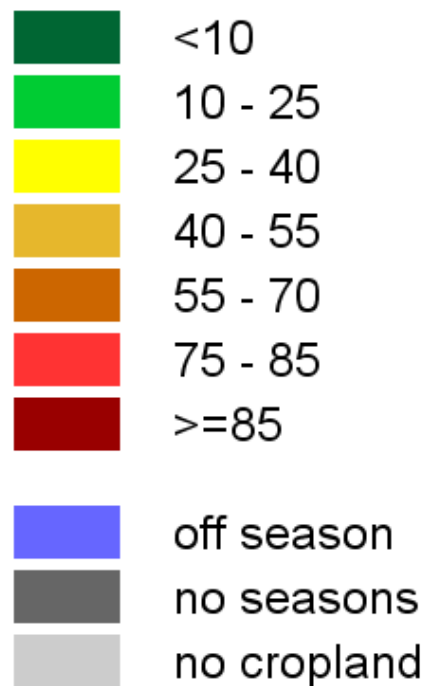
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1986

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

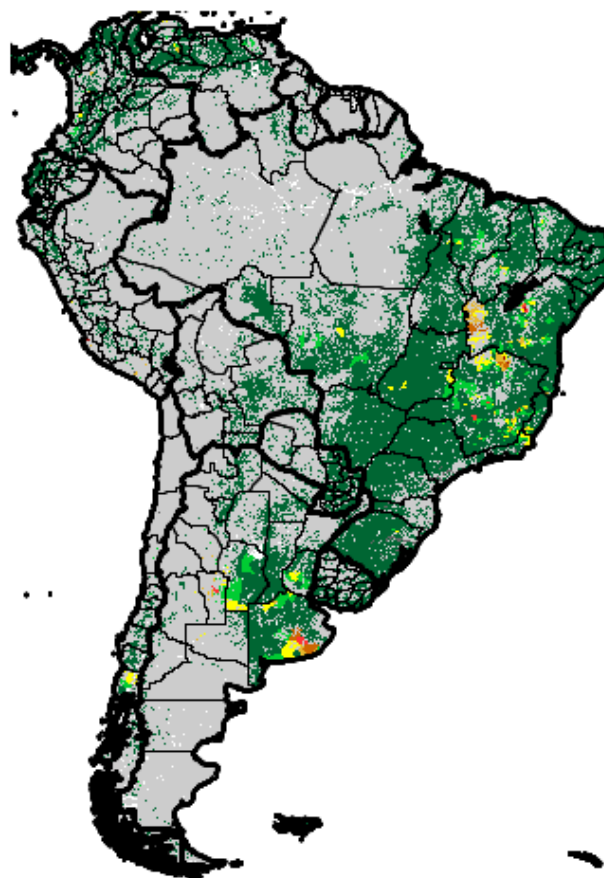
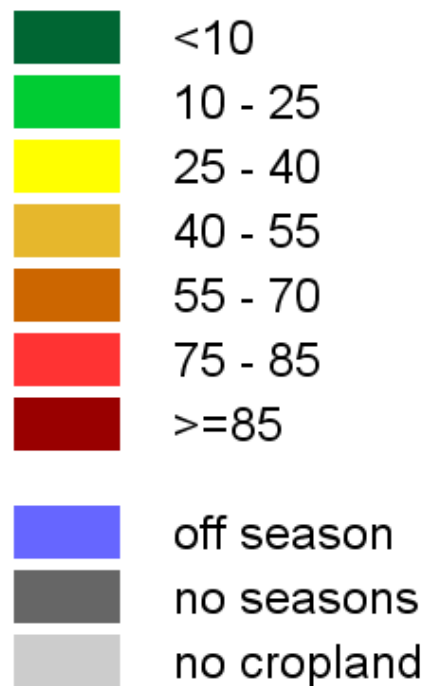
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1987

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

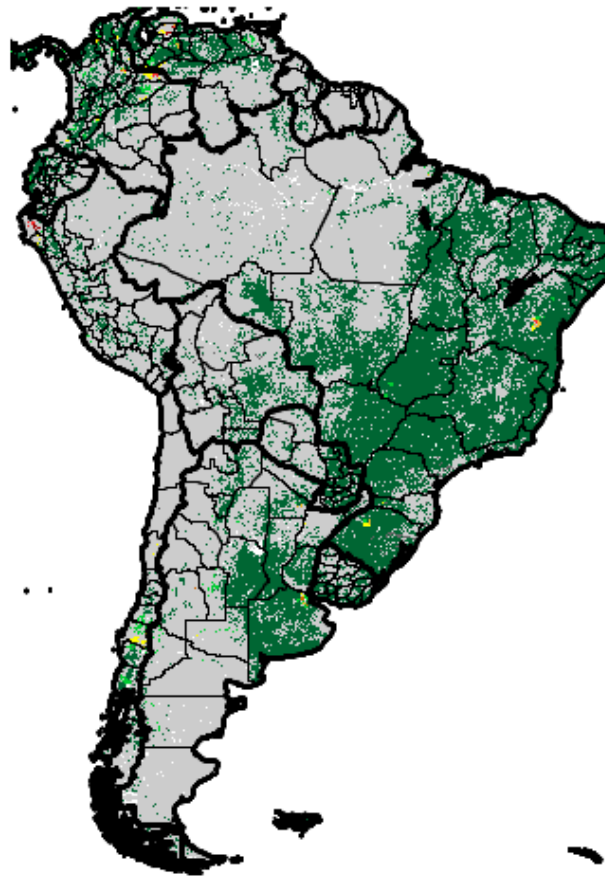
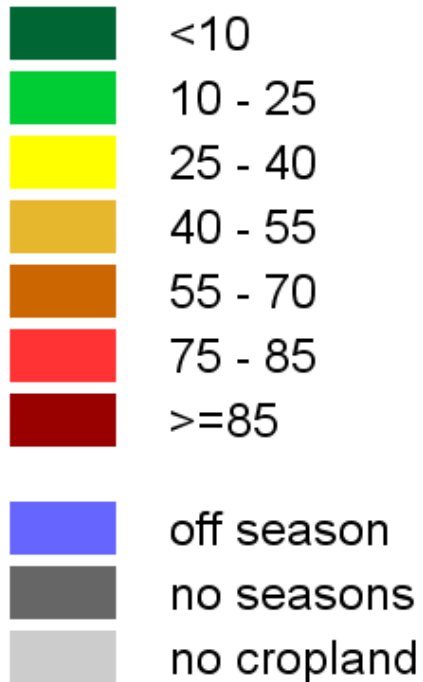
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1988

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

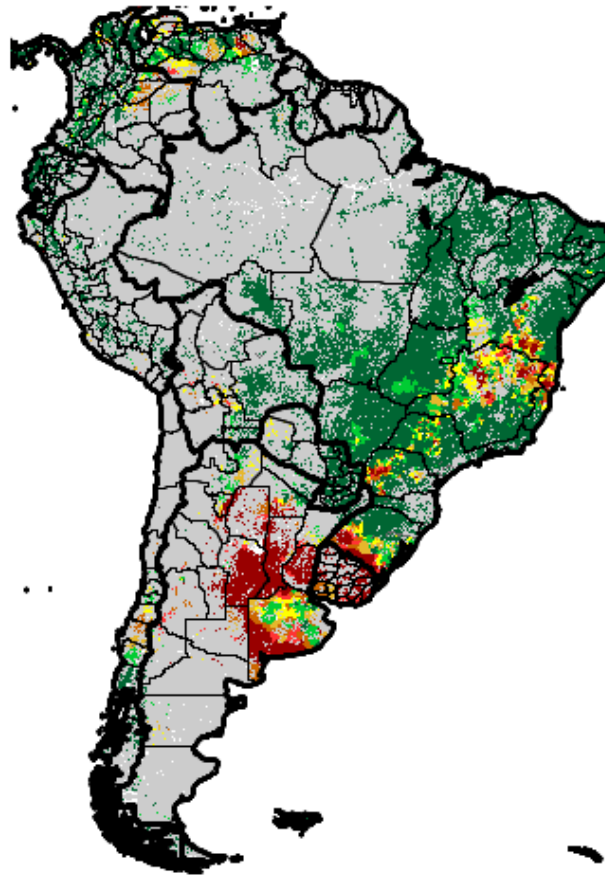
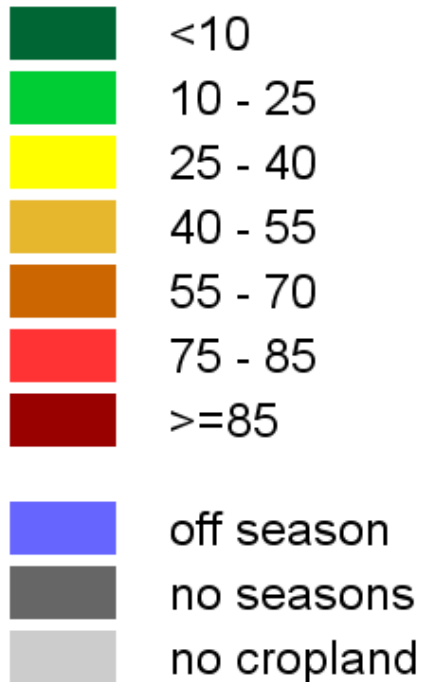
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1989

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

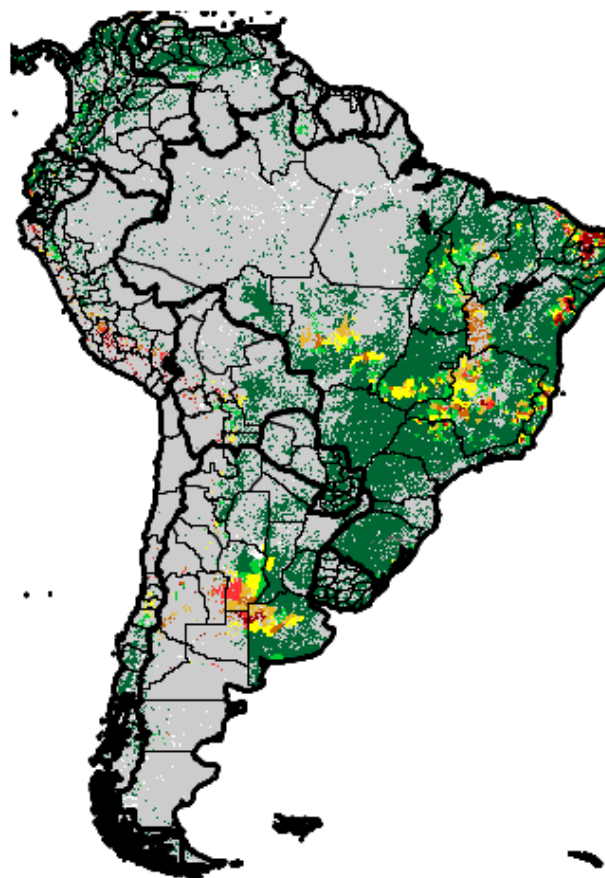
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1990

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

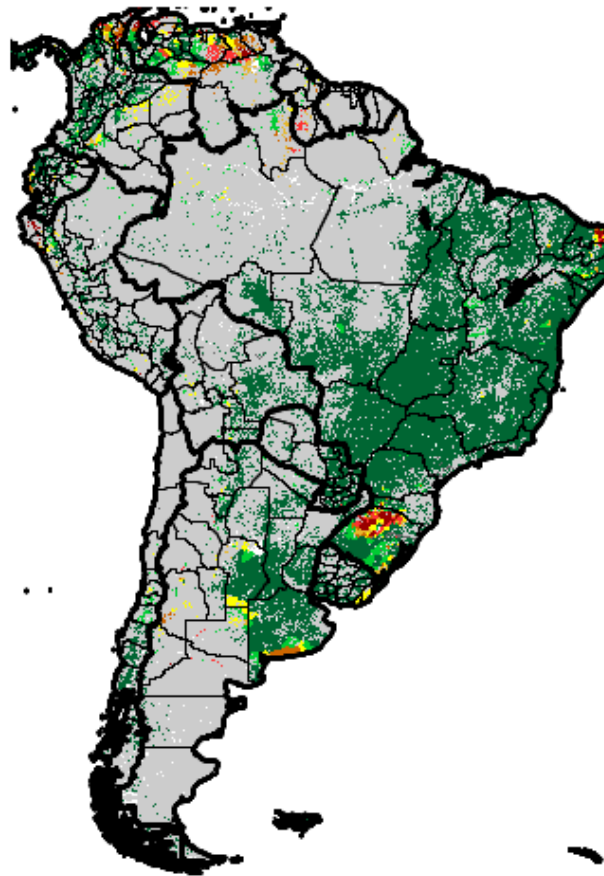
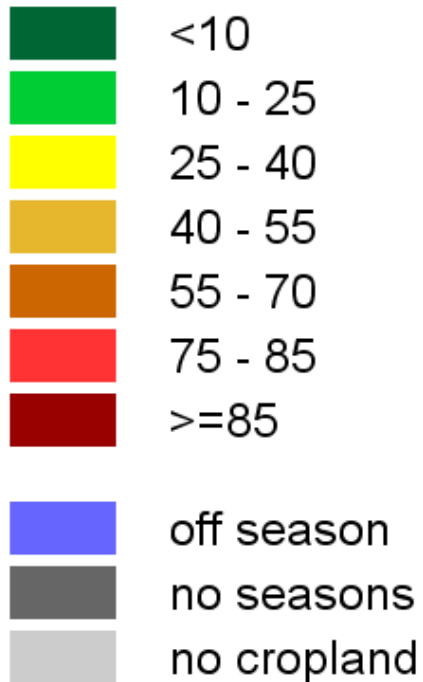
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1991

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

Sources : METOP/AVHRR - Vectors from FAO Gaul

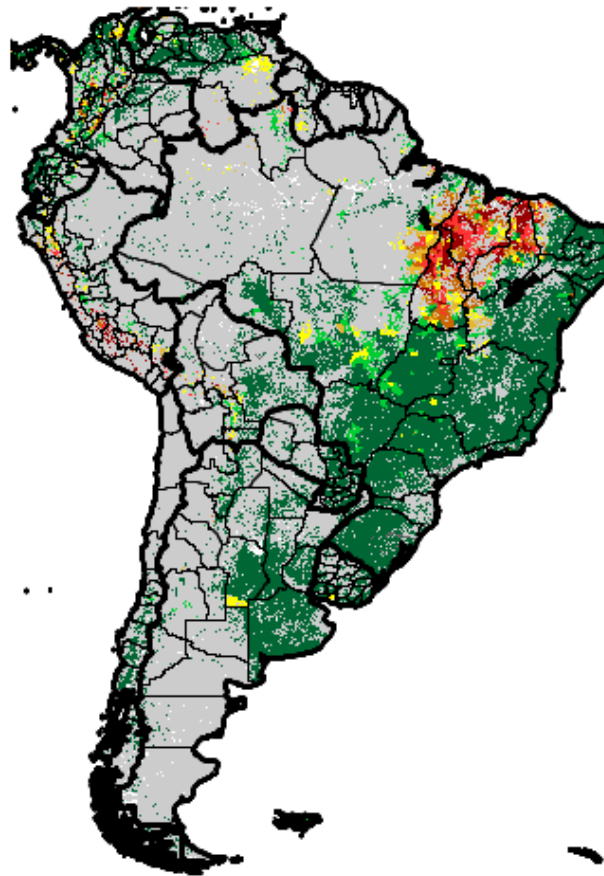
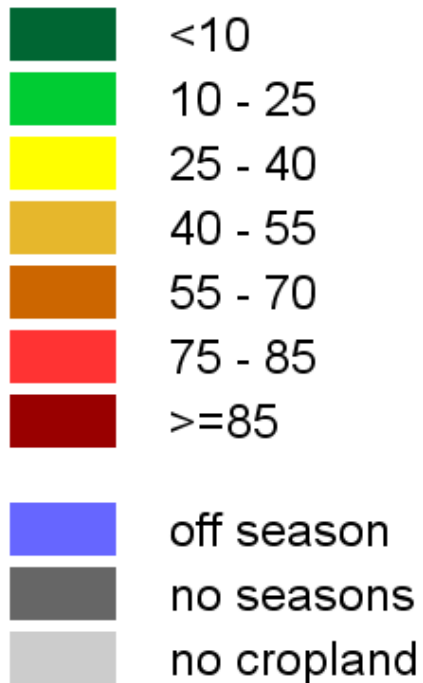




# South America- % Crop area affected by drought (ASI)

SEASON 1 1992

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

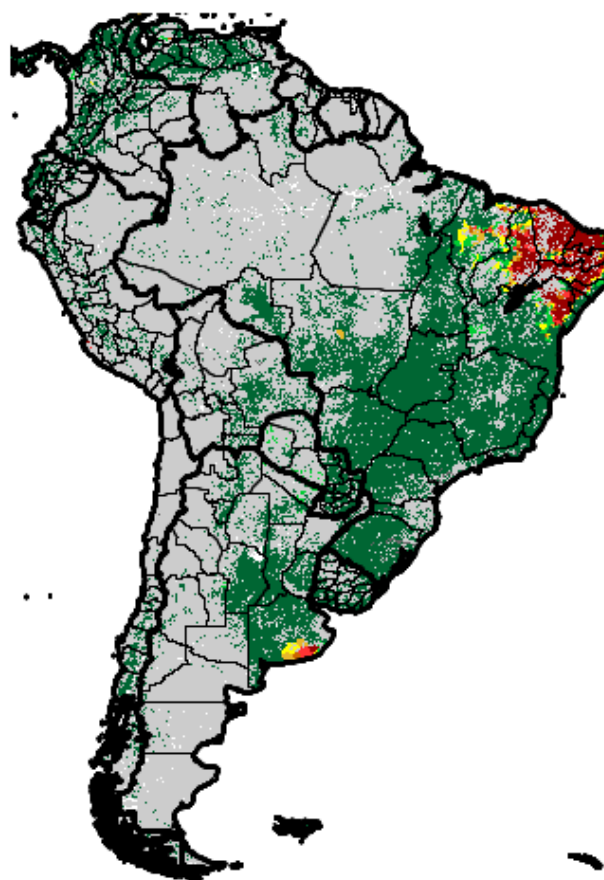
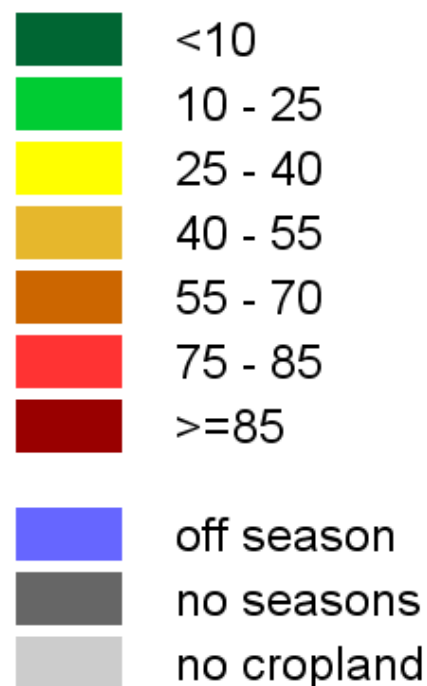
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1993

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

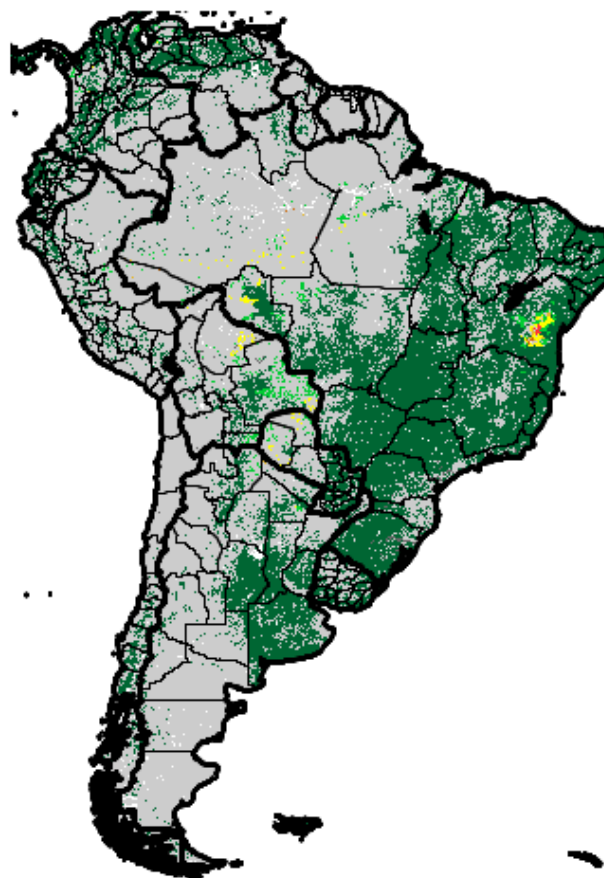
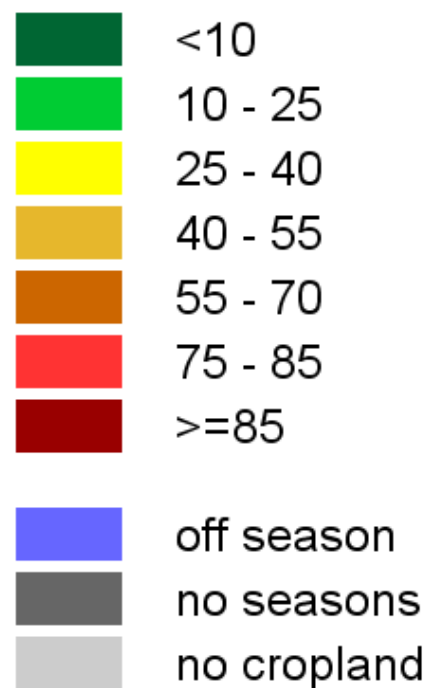
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1994

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

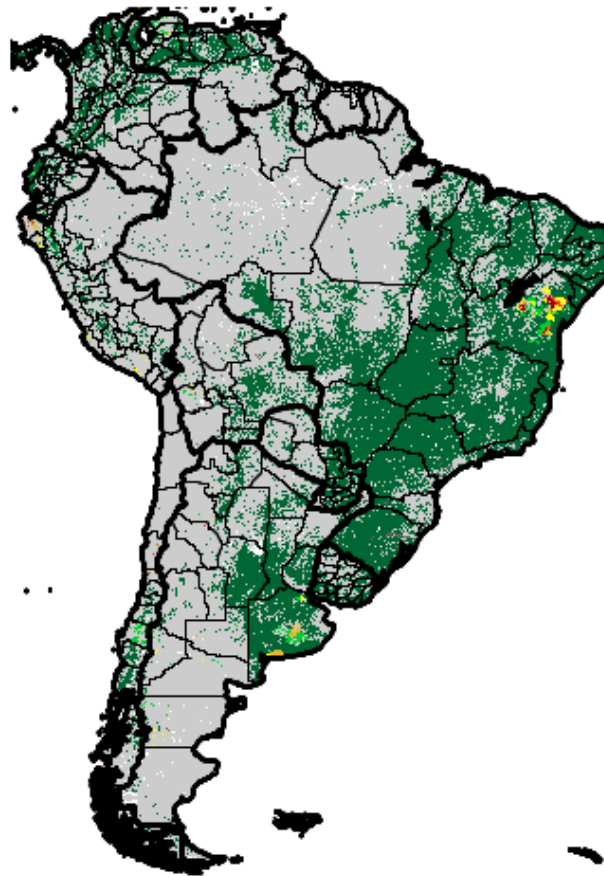
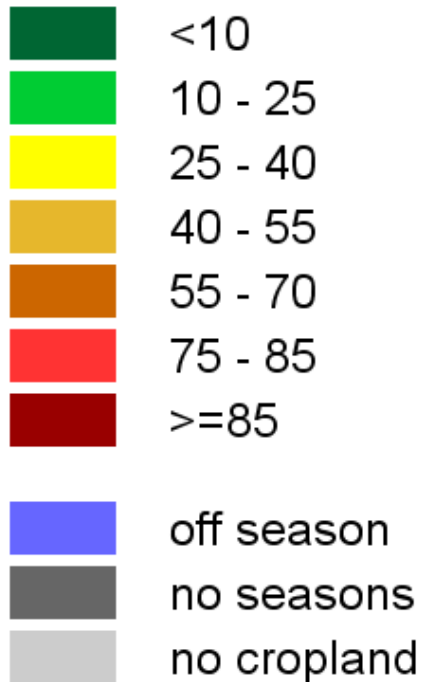
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1995

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

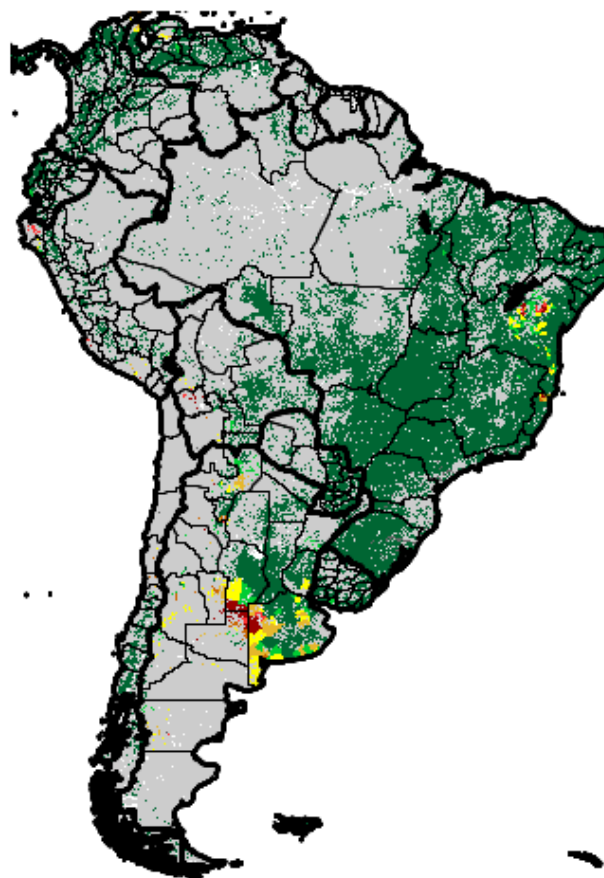
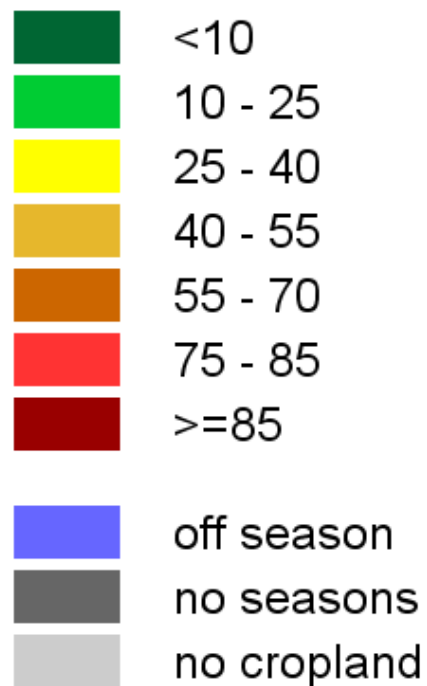
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1996

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

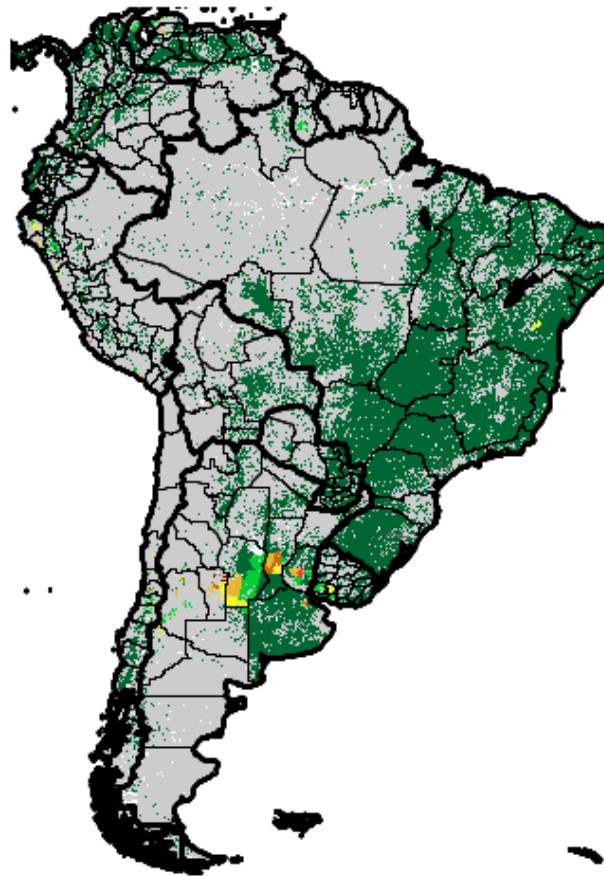
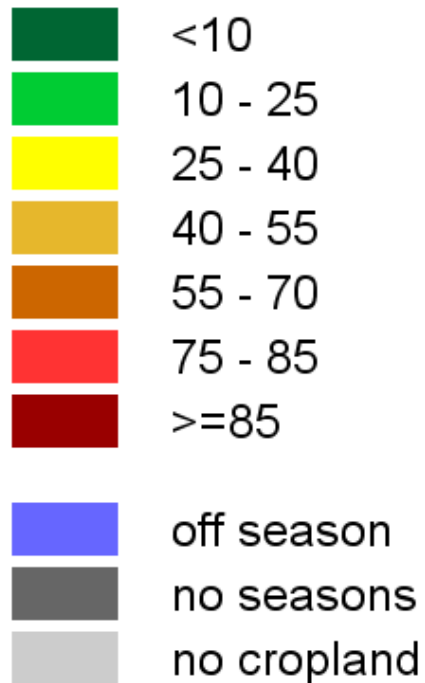
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1997

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

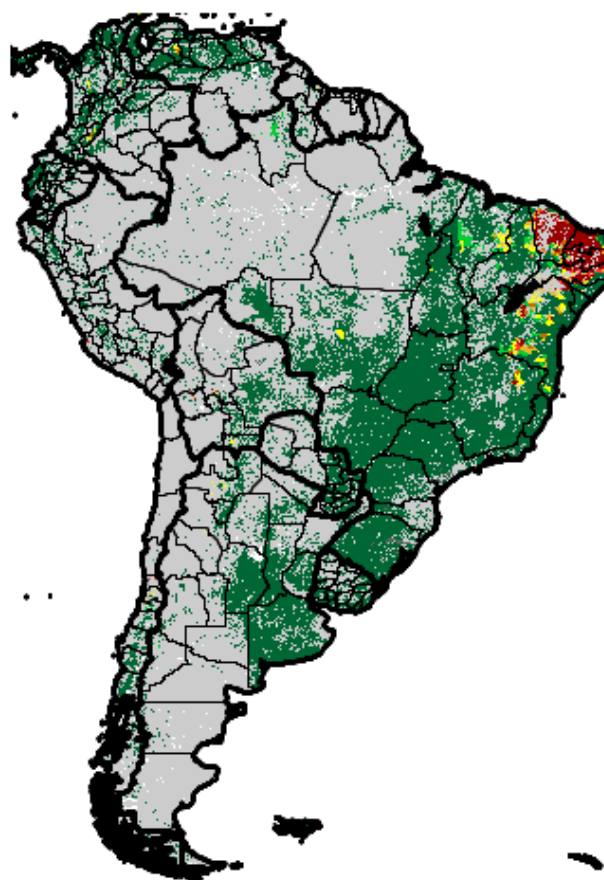
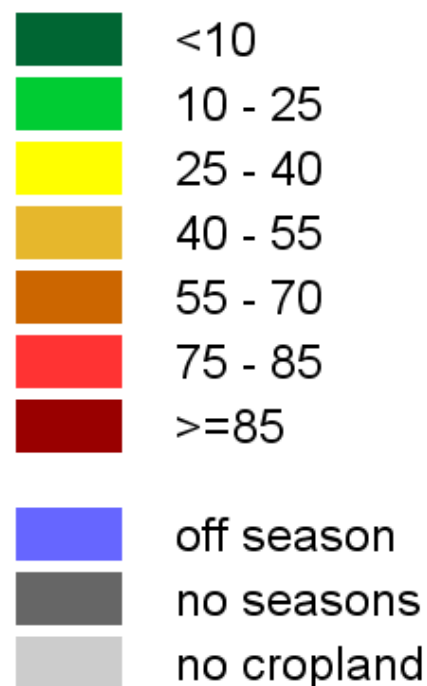
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1998

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

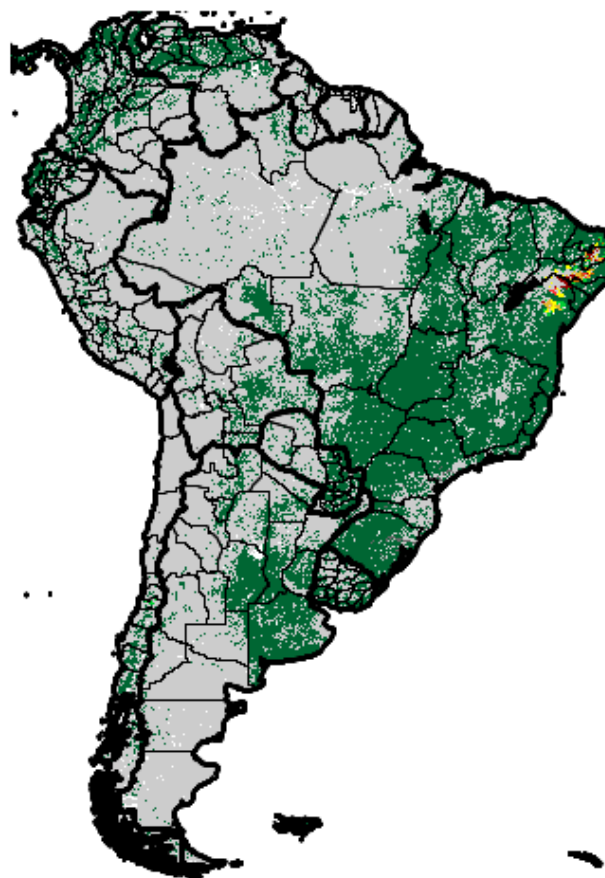
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 1999

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

Sources : METOP/AVHRR - Vectors from FAO Gaul

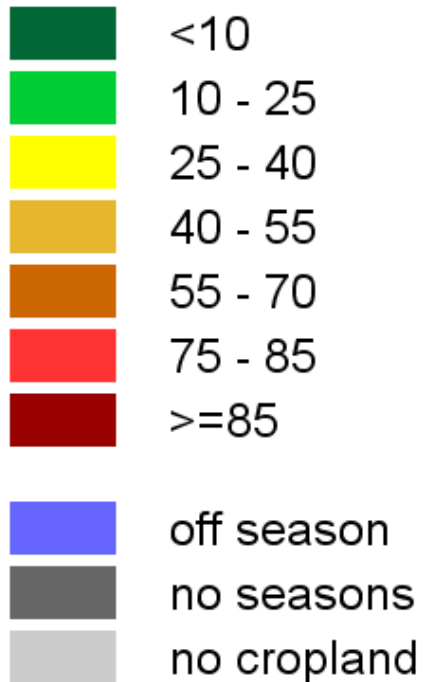




# South America- % Crop area affected by drought (ASI)

SEASON 1 2000

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

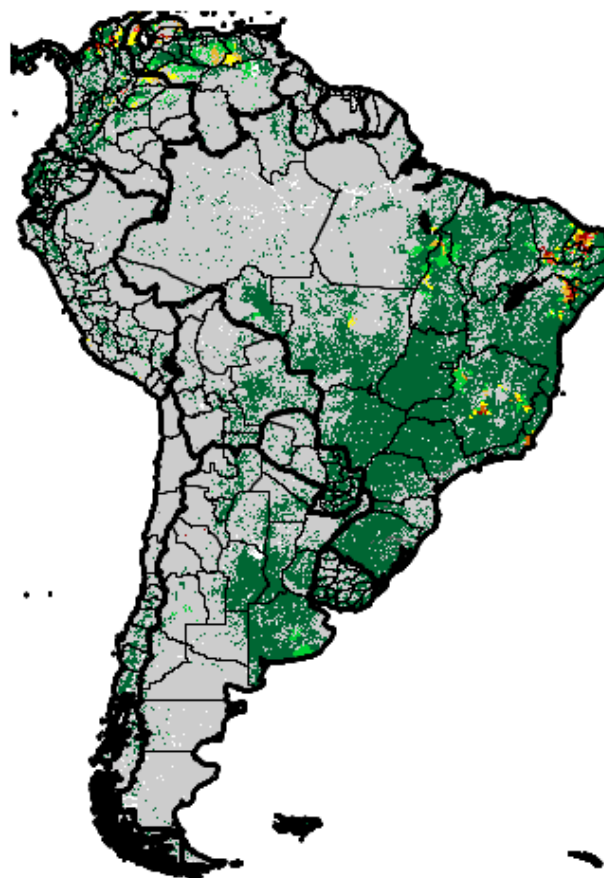
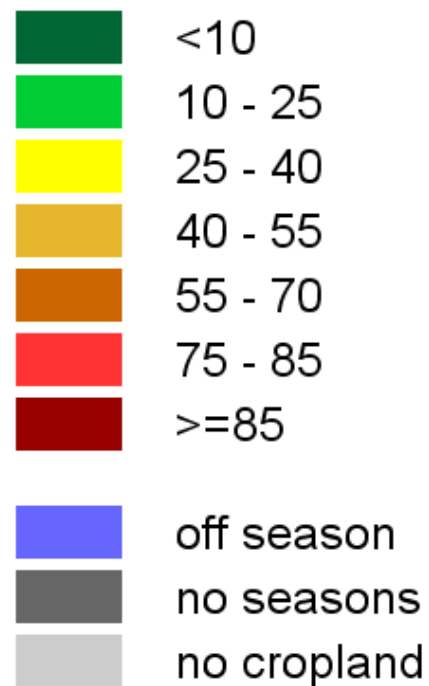
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 2001

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

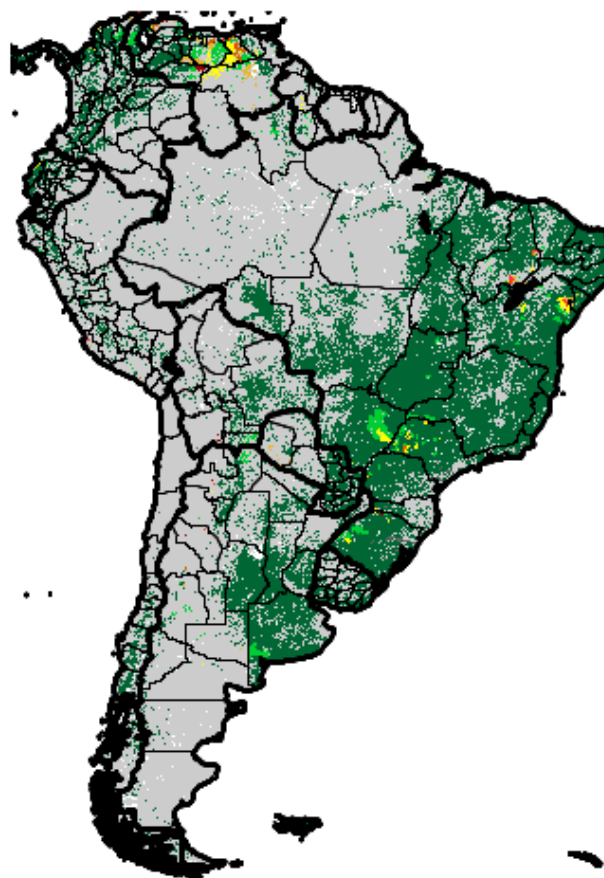
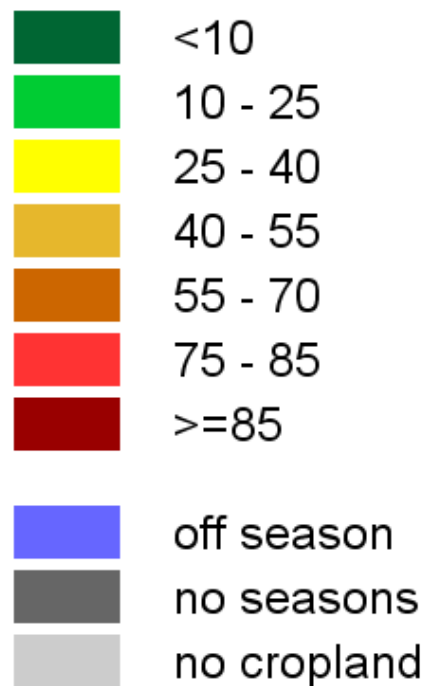
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 2002

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

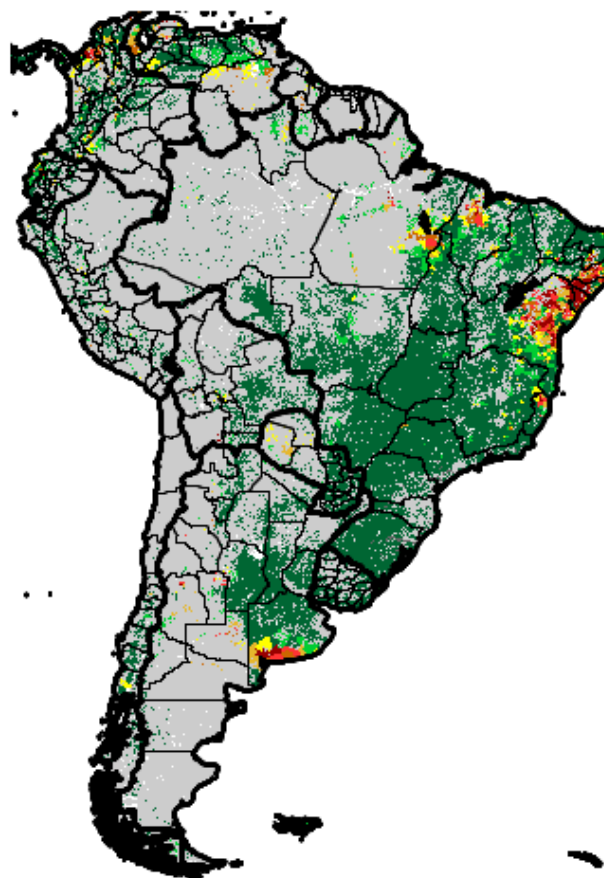
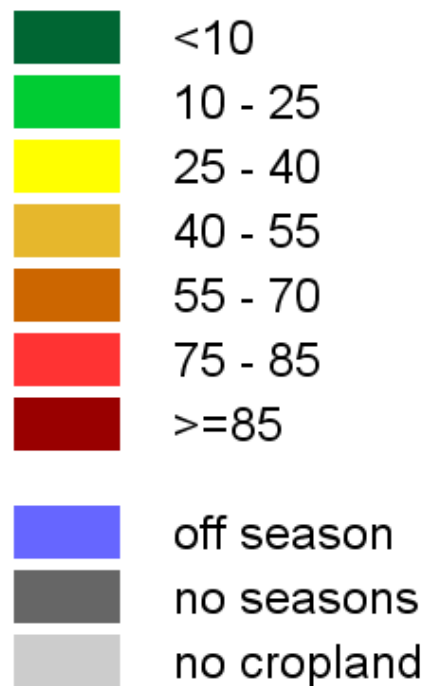
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 2003

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

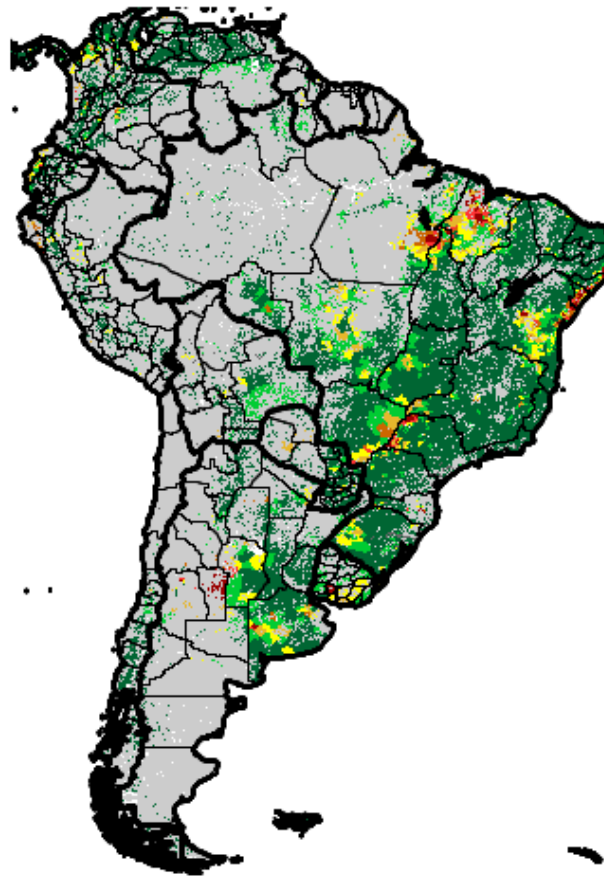
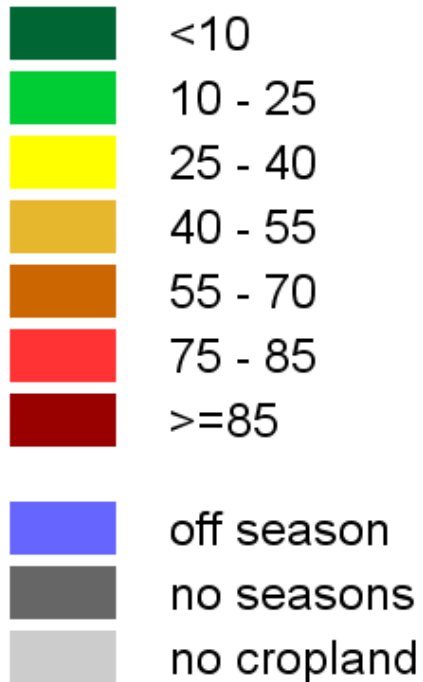
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 2004

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

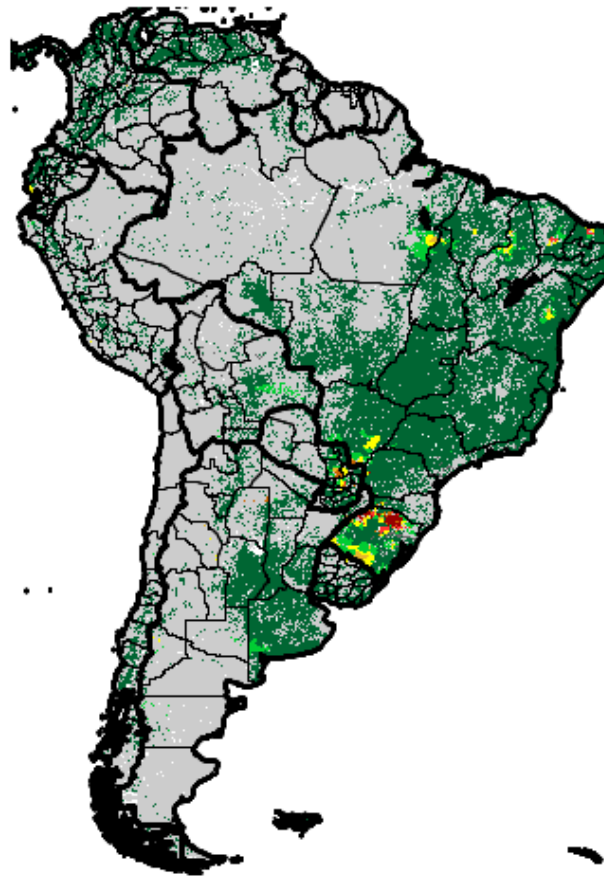
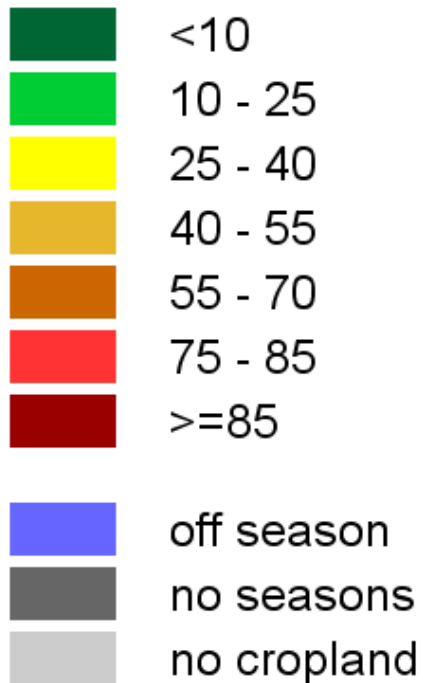
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 2005

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 2006

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

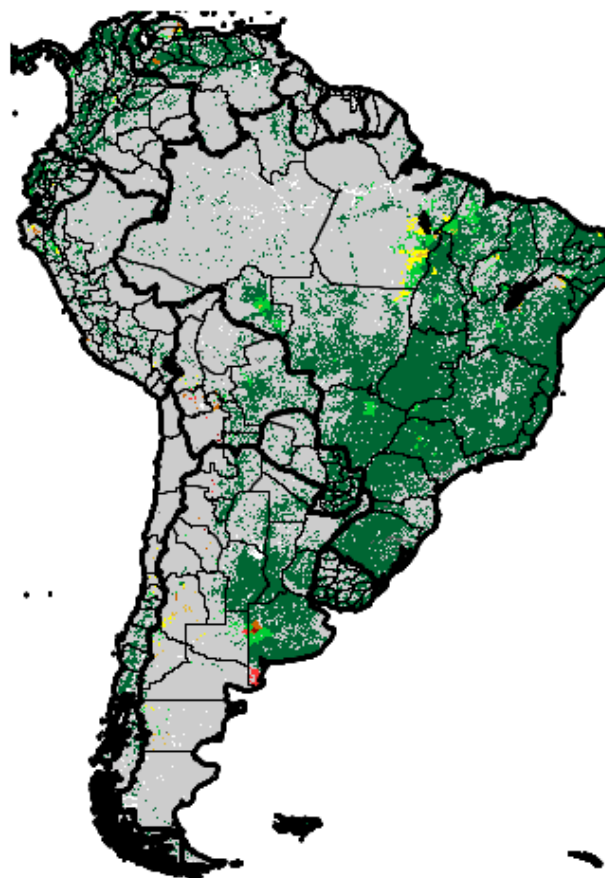
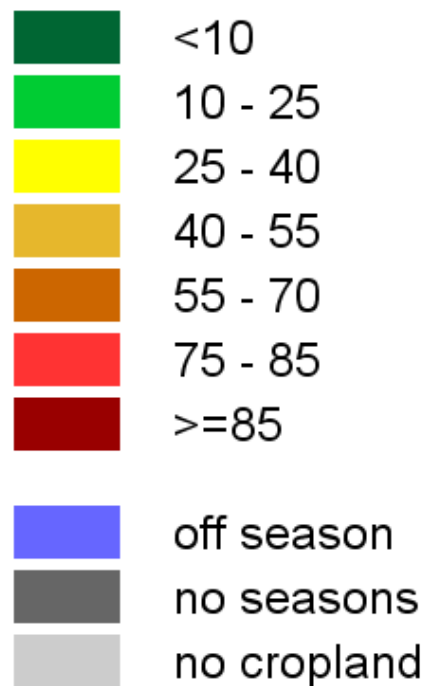
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 2007

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

Sources : METOP/AVHRR - Vectors from FAO Gaul

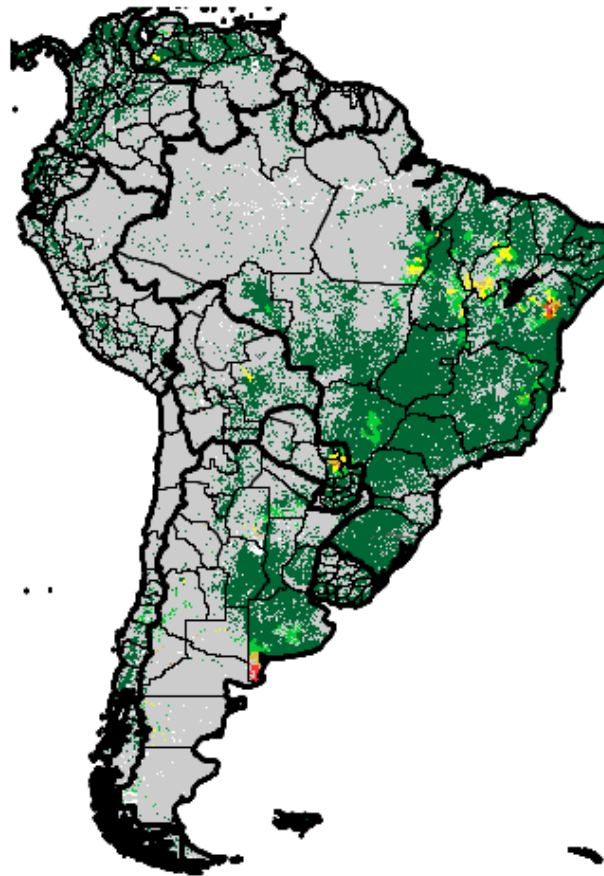
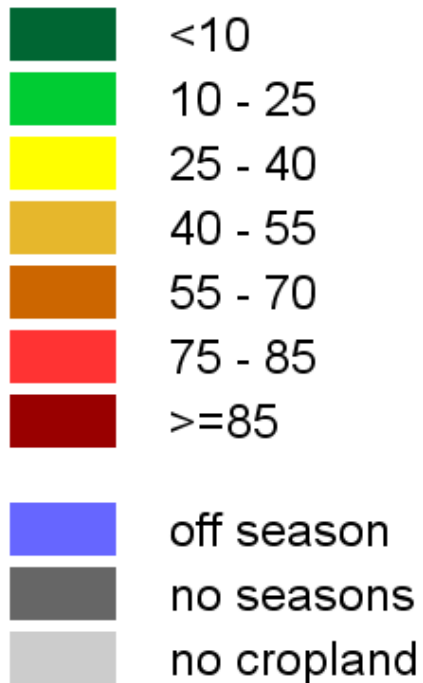




# South America- % Crop area affected by drought (ASI)

SEASON 1 2008

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

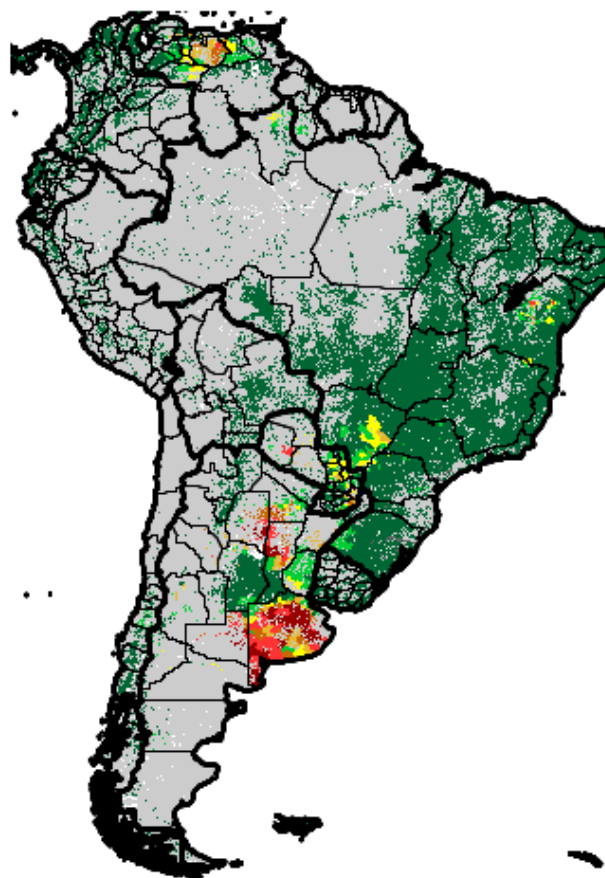
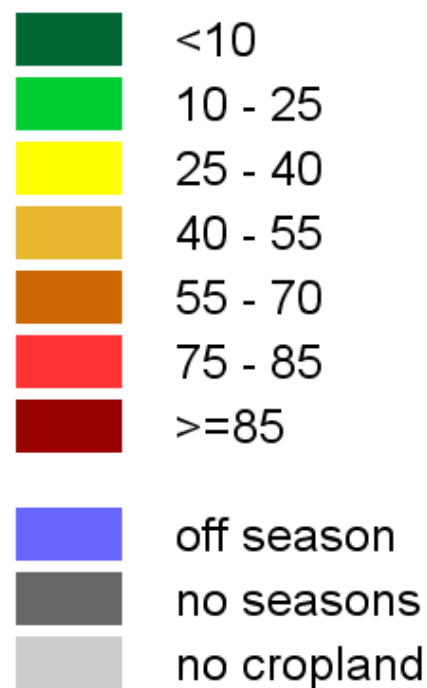
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 2009

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

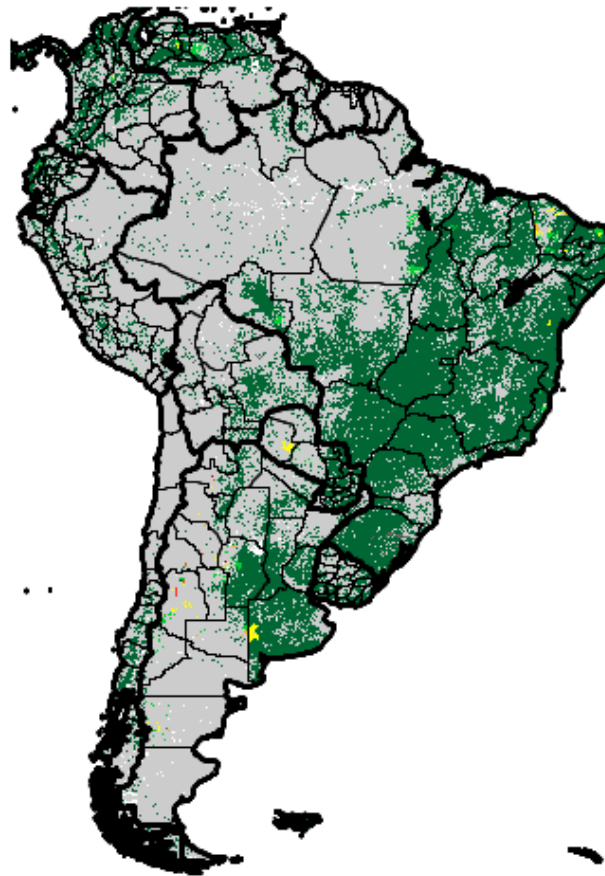
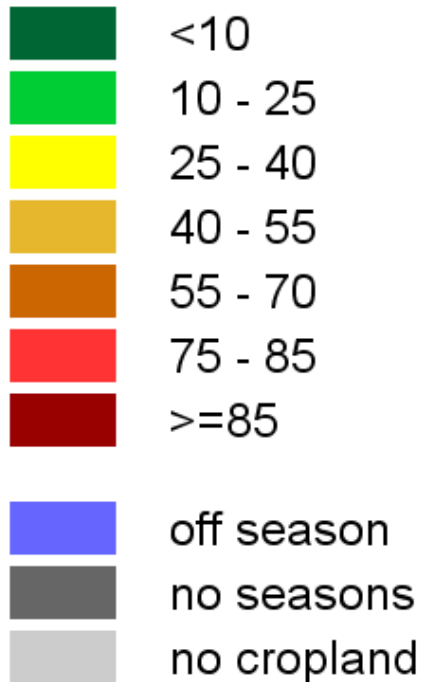
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 2010

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

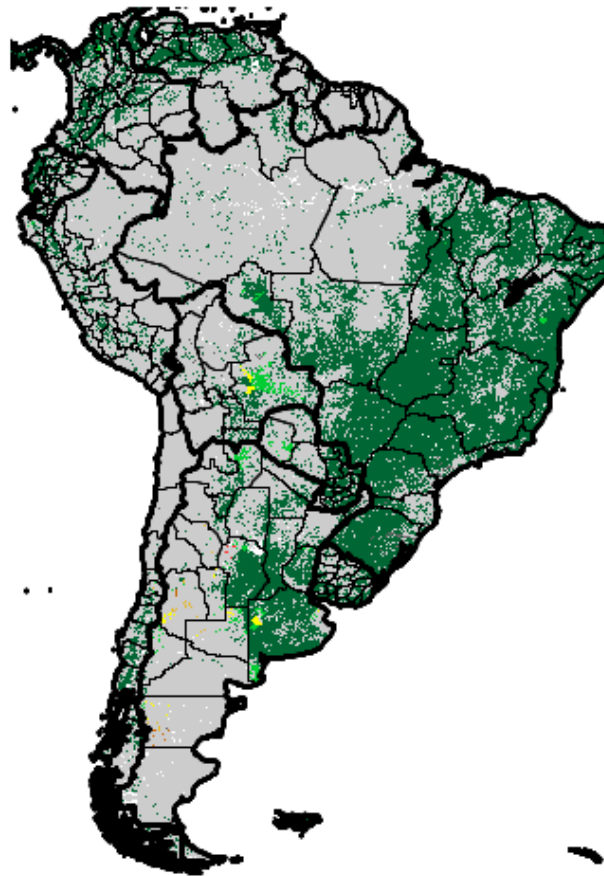
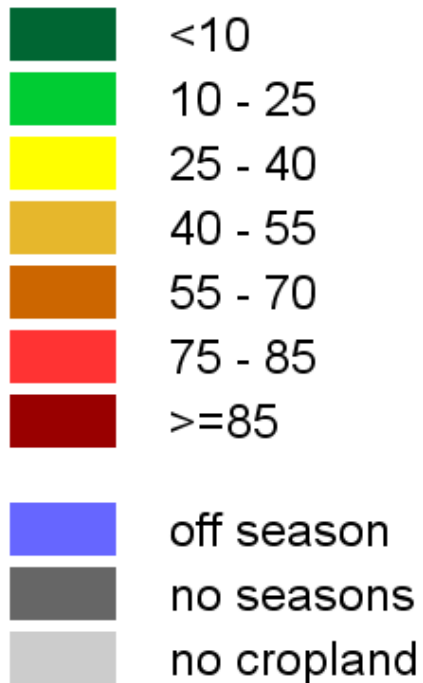
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 2011

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

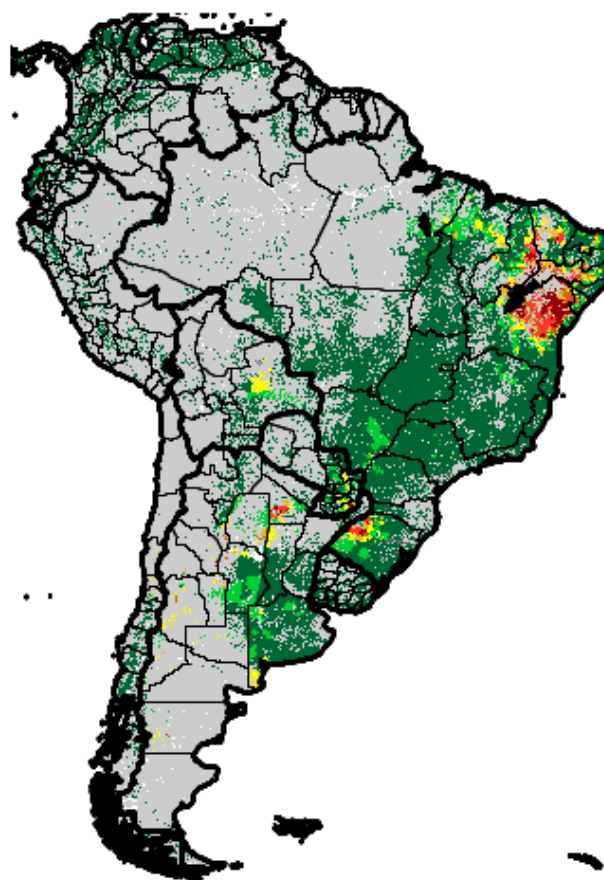
Sources : METOP/AVHRR - Vectors from FAO Gaul



# South America- % Crop area affected by drought (ASI)

SEASON 1 2012

## ASI (%)



FAO/GIEWS

Projection: Geographic, WGS 84 - Resolution: 1km

Sources : METOP/AVHRR - Vectors from FAO Gaul



### Agricultural Stress Index (ASI)

% of cropland area affected by drought  
per GAUL 2 region

from : start of SEASON 1  
to : dekad 2 November 2013

Non-cropland pixels excluded :  
METOP-AVHRR  
WGS84, Geographic Lat/Lon

