

Companion File for South American Land Cover Map

This 1 km resolution land cover map of South America was produced from 1-15 km National Oceanic and Atmospheric Administration (NOAA) Advanced Very High Resolution Radiometer (AVHRR) data over the time period 1987 through 1991.

Spatial Extent of data for the South American Continent

min. X : -81.3572464
max. X : -34.8444290
min. Y : -56.0928993
max. Y : 12.4712601

Projection: Geographic
Units: DD

Range and Format of the Data:

Data are integer class values ranging from 1 through 41, with a fill value/missing data value of 0.

Land Cover Class Lookup Values:

Value	Class Name
0	Off Map (Fill Value)
1	Tropical moist and semi-deciduous forest
2	Cleared tropical moist Forest
3	Unclassified.
4	Water
5	Savanna/Grasslands
6	Wet vegetation / Mixed
7	Unclassified
8	Mangroves
9	Seasonally deciduous Woodlands.
10	Forest (Bamboo dominated?).
11	Secondary tropical moist forest with agriculture
12	Pantanal grassland (seasonally flooded)
13	Tropical seasonal or deciduous forest
14	Agriculture
15	Gallery forests
16	Tropical open forests (mixed)
17	Cerrado (woodlands) degraded
18	Grasslands or Savanna with agriculture
19	Xerophytic woodlands with agriculture
20	Degraded xerophytic woodlands
21	Secondary seasonal forest with agriculture
22	Urban and degraded lands
23	Degraded tropical seasonal forest
24	Mixed pine forest with secondary forest and agriculture
25	Xerophytic scrubland
26	Xerophytic littoral vegetation

- 27 Montane grassland
- 28 Montane woodlands
- 29 Montane forests
- 30 Degraded montane grasslands
- 31 Degraded montane woodlands
- 32 Degraded montane forests
- 33 Cool deciduous shrublands
- 34 Bare soil/ Rock
- 35 Cool deciduous woodlands
- 36 Cool deciduous forests
- 37 Snow/ Rock
- 38 Salt marsh community
- 39 Desert
- 40 Degraded temperate deciduous forest
- 41 Temperate deciduous forests

References:

Woods Hole Research Center Website: <http://terra.whrc.org/science/tropfor/setLBA.htm>.

The published reference for this work is:

Stone, T.A., P. Schlesinger, G.M. Woodwell, and R.A. Houghton, 1994. A Map of the Vegetation of South America Based on Satellite Imagery. *Photogrammetric Engineering and Remote Sensing*. 60(5):541-551.