

Companion File for Brazilian Vegetation Maps

The vegetation maps of Brazil are digital versions of the MAPA DE VEGETAÇÃO DO BRASIL (IBGE, 1988), digitized at the U.S. Geological Survey's EROS Data Center, Sioux Falls, South Dakota, in 1992. The files were processed with ArcInfo, and based on the Woods Hole general vegetation classification.

There are three vegetation maps available in three different classes: one 13-class, one 59-class, and one from the map overprint classes.

Data are classed into 59 major vegetation classes from the original data. Generalized 13-classes were determined from the original subheadings on the original published map which was used to digitize the data set. Overprint classes are used to describe areas which are best described by a combination of two classes, one from the major classification and the other from the overprint classification. Overprint classes were originally displayed with special symbols printed over major classification shades on the original map. For instance, a series of stipple marks or hash marks may have been printed on top of major class shades to represent areas which had characteristics from the major classification as well as the overprint classification. The overprint classifications are also referred to as subclasses in the original data.

Spatial Extent of the Data for Brazil

min. X: -73.97890
max. X: -34.81103
min. Y: -33.77921
max. Y: 5.230429

BrazilVegMap_13class.tif:

Data values represent classes and are integers ranging from 1 through 13. Missing data values/ocean mask is represented by the value -9999. Data are classed into 13 classes and are generalizations of the 59-class major vegetation classification.

The following table is based on the Woods Hole general vegetation classification.

Vegetation Group (13-class generalization) Code Table

CODE GROUP NAME

- 1 Areas of pioneer formations
- 2 Areas of ecological tension
- 3 Steppe
- 4 Semi-deciduous seasonal forest
- 5 Deciduous seasonal forest
- 6 Open ombrofile forest
- 7 Open ombrofile forest
- 8 Mixed ombrofile forest
- 9 Ecological reserve(ALTITUDE)
- 10 Savanna

- 11 Steppelike savanna
- 12 V.L.O. Swamps and sandy areas
- 13 Water

BrazilVegMap_59class.tif:

Data values represent classes and are integers ranging from 1 through 59. Missing data values/ocean mask are represented by the value -9999.

The following tables are based on the Woods Hole full vegetation classification.

Vegetation Classification Table

ID	CLASS	CLASS NAME
1	A	Secondary vegetation and agricultural activities
2	Aa	Alluvial
3	Ab	Lowlands
4	As	Submontane
5	C	Secondary vegetation and agricultural activities
6	Cb	Lowlands
7	Cm	Montane
8	Cs	Submontane
9	D	Secondary vegetation and agricultural activities
10	Da	Alluvial
11	Db	Lowlands
12	Dm	Montane
13	Ds	Submontane
14	E	Agricultural activities
15	EN	Steppe --Seasonal forest
16	Ea	Open canopy
17	Ed	Closed canopy
18	Eg	Grass/woodland
19	Ep	Park
20	F	Secondary vegetation and agricultural activities
21	Fa	Alluvial
22	Fb	Lowlands
23	Fm	Montane
24	Fs	Submontane
25	LO	VLO Swamps and sandy areas--Ombrofile forest
26	La	Open canopy
27	Ld	Dense canopy
28	Lg	Grass/woodland

29	M	Secondary veg. and Agricultural activities
30	MI	High-montane
31	Mm	Montane
32	NM	Seasonal forest—mixed ombrofile forest
33	NP	"Seasonal forest--""Restinga"""
34	OM	Dense ombrofile forest—Mixed ombrofile forest
35	ON	Ombrofile forest—Seasonal forest
36	P	Agricultural activities
37	Pa	Fluvial influence
38	Pf	Fluvial-marine influence
39	Pm	Marine influence
40	S	Agricultural activities
41	SE	Savanna-Steppe
42	SEN	Savanna-Steppe-Seasonal forest
43	SM	Savanna—Dense ombrofile forest
44	SN	Savanna—Seasonal forest
45	SO	Savanna—Ombrofile forest
46	ST	Savanna—Steppelike savanna
47	Sa	Open canopy
48	Sd	Dense canopy
49	Sg	Grass/woodland
50	Sp	Park
51	T	Agricultural activities
52	TN	Steppelike savanna—Seasonal forest
53	Ta	Open canopy
54	Td	Dense canopy
55	Tg	Grass/woodland
56	Tp	Park
57	WATER	Water
58	rl	High-montane
59	rm	Montane

Please Note: Many of the above class names repeat. This occurs because each of the above classes are constituent pieces of different groups as classified in the 13-class general classification.

BrazilVegMap OverprintCodes.tif:

Data values represent classes and are integers ranging from 1 through 6; see the class codes below. Missing data values/ocean mask is represented by the value -9999.

Vegetation are in 6 classes and are areas which are best described by a combination of two classes. Generalized classes were determined from the original subheadings on the original published map which was used use to digitize the data set. Overprint classes were originally displayed with special

symbols printed over major classification shades on the original map. The overprint classifications are also referred to as subclasses in the original data.

The following tables are based on the Woods Hole Overprint classification.

Vegetation Overprint Code Table

CODE	OVERPRINT NAME
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- | | |
|---|-------------------------|
| 1 | Campos |
| 2 | Campanha Gaucha |
| 3 | Campos De Roraima |
| 4 | Camp. Gaucha |
| 5 | Atlantic Forest |
| 6 | Agricultural Activities |

References:

The original map was prepared by: Ministério da Agricultura, Instituto Brasileiro de Desenvolvimento Florestal, Secretária de Planejamento e Coordenação da Presidência da Republica, Fundação Instituto Brasileiro de Geografia e Estatística - IBGE. Coordinated and planned by M.N. Camargo and executed together with J. Olmos I.L., F. Palmieri, T.E. Rodrigues, P.K.T. Jacomine, E.P. Mothci, R.O. Potter, A.P. de Carvalho, M.J. Rauen, H.G. dos Santos, S.C.P. Pessoa, J.A.M. do Amaral.

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