

MODIS TEST SITES: Africa

These test sites are selected to represent characteristic vegetation types and associated atmospheric conditions in Africa. The purpose will be to use these locations to test MODIS N land/atmosphere algorithms and in particular the land cover product. The location of the test sites has been selected based on the occurrence of long-term data sets or on-going research. The objective will be to acquire existing and new data sets for the selected sites in the pre launch period in support of the global algorithm development.

<u>Biome</u>	<u>Region</u>	<u>Pos. Loc.</u>	<u>Country</u>
Steppe (N)	Sahel	Gourma	(Mali)
		Ouallam	(Niger)
		Fete Ole	(Seneg.)
Steppe (S)	Kalahari/Karoo	?	(Botswana)
Savanna (Dry-N)	Sudanian	Sevare	(Niger)
		Ouango Fitini	(B.F.)
Savanna (Dry-S)	Acacia/Commiphora Mopane	Mkomazi	(Tanz.)?
		Luanga	(Zambia)?
		Kruger	(S.Africa)
Savanna (Wet-N)	Guinean	Lamto	(Ivory C.)
Savanna (Wet-S1)	Wet Miombo	Muchinga	(Zambia)
Savanna (Wet-S2) Edaphic grasslands	Dry Miombo	?	(N. Zimb)
		Kafue?	(Zambia)
		Mongu?	(Zambia)
Rainforest (C. Afr.)	Moist Humid	Trinational	(Cam.)
Rainforest (W. Afr)	Degraded/Remnant F.	Tai Forest	(Ivory C.)?
Highland (tropical)	Afromontane	?	
Highland (sub-trop N.)	Ethiopian H.	?	
Highland (sub-trop S.)	Highveldt	?	

Desert ?	- Sahara		
	- Namib		
Madagascar ?	- savanna	(Morondaver),	
	- spiny forest	(Fort Dauphin),	
	- rainforest	(Ranamafana)	

B. South America Major Biomes:

1. Tropical Rain Forest.....Amazonia, Brazil
Turrialba, Costa Rica
2. Tropical Grassland
Cerrado.....Mato Grosso, Brazil
Llanos.....Apure, Venezuela
3. Temperate Grassland
Savanna.....Tacuarembó, Uruguay
Edaphic Grassland.....La Plata, Uruguay
Humid Pampas.....Buenos Aires, Argentina
Dry PampasLa Pampa, Argentina
4. Temperate ForestPatagonia, Argentina
5. SteppeAisen, Chile
6. DesertAtacama, Chile

MODIS TEST SITES: North and South America

A. North America Major Biomes:

1. Tundra (Arctic) Alaska (LTER)
2. Taiga
 - Northern ConiferousGlacier Natl. Park, Montana
 - Boreal ForestPrince Albert Nat. Park, Saskatchewan
Thompson, Manitoba

 - Temperate rain forest.....Pacific coast, Oregon/California
H.J. Andrews LTER
3. Temperate Deciduous Forest (Eastern North America)
Maine Coweeta LTER
4. Temperate Grassland.....Konza Prairie, Kansas LTER
Colorado IDS, LTER
5. Semidesert Grassland (Southwest USA)
Walnut Gulch, Arizona
La Jornada, New Mexico (LTER)
6. Thorn Scrub Woodland (arid/tropical climate)
Chihuahua, Mexico
7. Mediterranean Scrub Woodland
ChaparralSouthern California
8. Desert
 - Cold desert.....Reno, Nevada
St. George, Utah
 - Warm desert.....Ciudad Obregon Sonora, Mexico