



ForWarn's Phenology Datasets

2003 – 2009 available

Available are MODIS-based phenology datasets that denote the various stages and metrics that characterize vegetation's yearly phenological cycle. The datasets listed below are available in the FCAV under the 'Themes' tab, by Web Map Service (WMS)* and by Web Coverage Service (WCS)**.

Phenology Derived Products: WMS http://wms.forwarn.forestthreats.org/derivatives?	Phenology Parameters Products WMS http://wms.forwarn.forestthreats.org/parameters?
Fall brown down length	Large integral
Spring leaf out length	QC flags
Growing season length	Left position 20%
Growing Season midpoint	Right position 20%
Max NDVI midpoint	Left value 20%
Peakyness	Right value 20%
Skewness	Left position 80%
Slope – Fall	Right position 80%
Slope – Spring	Left value 80%
Mean position	Right value 80%
Mean value	Max NDVI position
Mean x/y	Max NDVI value
	Min position left
Standard Deviations	Min position right
Fall 2003-2009	Min value left
Spring 2003-2009	Min value right
Growing season 2003-2009	Small integral
	Cumulative Integrals WMS http://wms.forwarn.forestthreats.org/integrals?
Means	
Fall	Cumulative Integrals 1-22 / yr
Spring	<i>(22) 16-day periods / year</i>
Growing Season	
Max mean	
Min mean	NDVI Time Series Profiling WMS http://wms.forwarn.forestthreats.org/modisndvi?
Max min mean	(22) MODIS NDVI color images / yr
	<i>(by Julian date)</i>
(*) For WMS and WCS connections, denote version 1.0.0	
(**) Phenology Web Coverage Service (WCS)	<i>under construction, estimated 7/2012</i>

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