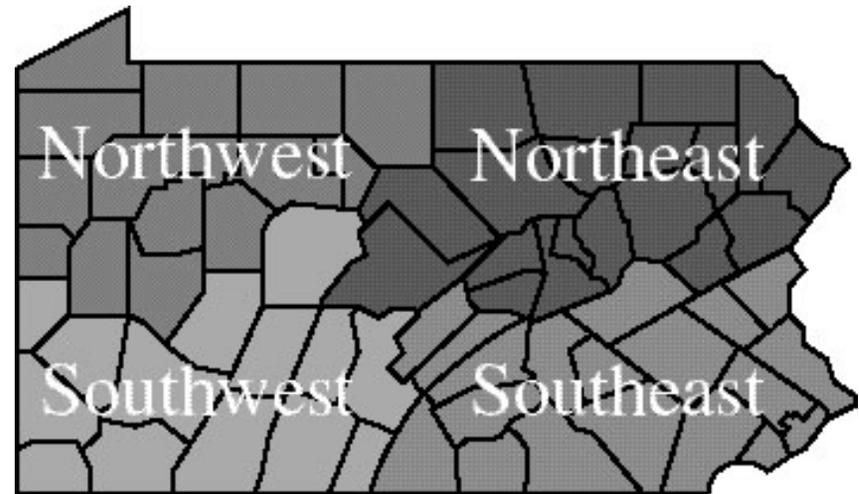




Pennsylvania Woodlands
**TIMBER MARKET
REPORT**

**First Quarter 2009
January-March**



**The Pennsylvania State University
School of Forest Resources
Cooperative Extension
320 Forest Resources Building
University Park, PA 16802
(814) 863-0401
www.sfr.cas.psu.edu/TMR/TMR.htm**

Pulpwood Stumpage...

Private and Other Public Pulpwood Stumpage

Region	Hardwood Pulp (\$/ton)				Softwood Pulp (\$/ton)			
	Low	Avg	(n)#	High	Low	Avg	(n)#	High
Northeast	0.00^		1				0	
Southeast	2.21		8	3.16	2.00	2.43	5	3.16
Northwest	2.33		3	3.00		0.00^	1	
Southwest	1.75		4	3.00		2.00*	2	

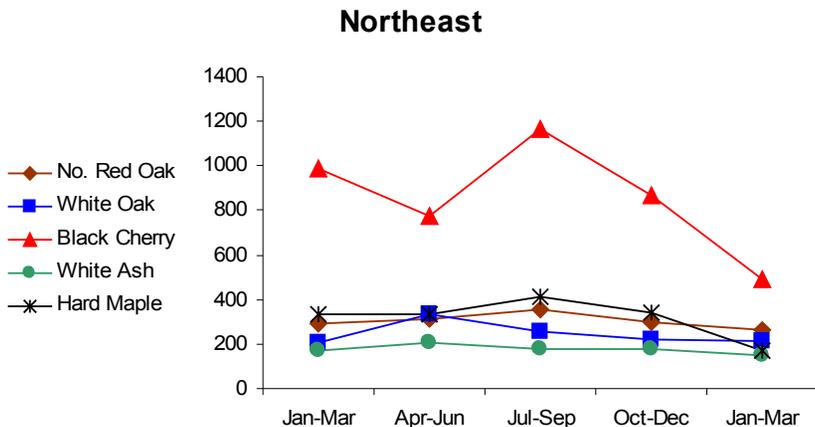
Bureau of Forestry Pulpwood Stumpage

Region	Hardwood Pulp (\$/ton)				Softwood Pulp (\$/ton)			
	Low	Avg	(n)#	High	Low	Avg	(n)#	High
Northeast	4.01	4.63	3	5		0.00^	1	
Southeast	1.02	2.03	4	3.62		0.00^	1	
Northwest	2.5	5.13	5	9.37	2.50	6.10	4	11.24
Southwest		0.00^	1			0.00^	1	

^ No prices are reported for samples with only a single respondent.
 * Ranges are not reported for samples with fewer than three respondents.

Pulpwood Stumpage Prices: The pulpwood stumpage prices are reported in a manner similar to the sawtimber prices. The major difference is that pulp stumpage is split into two categories. The prices are calculated and reported separately because they represent two different types of forest products. The "Bureau of Forestry" category represents not just pulpwood, but firewood and some low-value sawtimber, too. The "Private and Other Public" category represents forest products specifically used for pulp products. This group includes prices reported by loggers, sawmills, forestry consultants, pulp and paper companies, the Pennsylvania Game Commission, and the U.S. Forest Service.

Stumpage Price Trends...



How do I convert log rules?

All sawtimber prices in this report are based on the International ¼" log rule. The conversion factors used to determine prices in Doyle and Scribner rules are shown below the sawtimber table. Conversion from one log rule to another is somewhat arbitrary in that the conversion factors vary with log size and form class. The conversion factors used to compile this report assume that the average log has a 13-inch diameter at the small end.

Comments:

Sorry for the delay in completing this report. We had student turnover which is normal at the end of the semester, but also had to deal with budget issues. We are striving to keep the survey going by cost cutting in printing and mailing. We appreciate your assistance and patience as we address these issues. Now, what do we see this quarter: the market is reeling as evidenced not only by the drastic drop in prices for most species but also by the fact that we received a much lower number of surveys. This suggests that there are fewer timber sales, reflecting landowners' unwillingness to sell in the terrible market. Lets hope that the glimmers of the economy improving are real.

Sincerely,

Prepared by: Mike Jacobson, Ph.D. Associate Professor Extension Forester
 Kyle Kovach Extension Associate

Funded by the Renewable Resources Extension Act

Would you like to provide input to the TMR? We encourage all sawmill operators, loggers, and consulting foresters to add their two-cents worth. If you would like to contribute, please complete the following form and send it to 320 Forest Resources Bldg., University Park, PA 16802. We'll make sure you get a questionnaire next quarter. Thanks!

(Clip and Send)

Name: _____

Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Check as appropriate: Sawmill _____ Logger _____ Forester _____

Phone: (optional) _____

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This Pennsylvania Woodlands' Timber Market Report gives the prices paid in the Commonwealth of Pennsylvania for stumpage (standing timber) and for logs delivered to sawmills during the months of January-April of 2009. Why four different regions?

The four regions, shown on the cover map, were designed to more accurately reflect the forest products in Pennsylvania. The markets within each of the four regions are unique. For example, the quality and quantity of black cherry produced in the Northwest usually surpasses that of the other three. The Timber Market Report's four regions were developed to take these types of differences into consideration while providing an accurate and easily understandable price report. It is important to note that counties in border areas may reflect the trends of all the regions on which they border.

What do the prices mean?

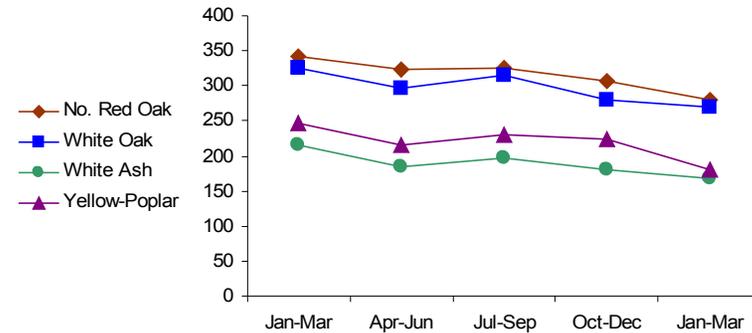
The Timber Market Report reflects the stumpage and mill prices observed over a three month time period. Due to the dramatic changes common among Pennsylvania's timber markets, past reports may not accurately describe the latest market conditions. A current report is the best guide to the current market status. It must be remembered that this report is based on a survey of loggers, sawmills, pulp and paper companies, consultant foresters, and public agencies. The report is intended to describe general trends in the market and ignore specific timber tract variation. In addition, there are many factors which can influence the price of timber found on a given tract of land. These factors include, but are not limited to:

Size, species, and quality of timber	total volume and volume per acre
Logging conditions	distance to the mill
Season of the year	current market conditions
End product of manufacture	

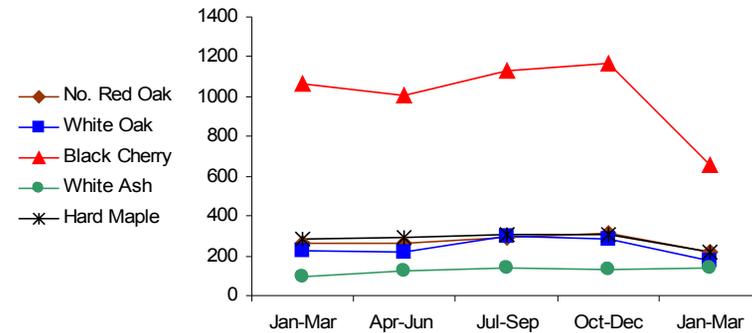
Sawtimber Stumpage Prices: The sawtimber stumpage price found in this quarter's report are based on the average or mean price as determined from the survey information provided by loggers, sawmill operators, forestry consultants, the Bureau of Forestry, the Pennsylvania Game Commission, and the U. S. Forest Service. Along with the average price, the report includes a plus and minus column. These two columns represent the average price plus/minus one standard deviation. The standard deviation is a measure of the variability or dispersion of all the prices reported for a given species. A range of stumpage prices one standard deviation on either side of the average usually includes two-thirds of all the reported prices for that species. This does not represent the complete range of prices in the species, but it tends to eliminate the extreme values. It shows where the majority (two-thirds) of the reported prices lie.

Mill Prices: Mills report on a dollar per thousand board feet basis for the low, medium, high and veneer prices for logs delivered to the mill. The low, medium, and high categories correspond to the Forest Service log grades F3, F2, F1, respectively. The mill prices represent the average of all the prices reported by sawmills across the state plus those out-of-state mills that purchased Pennsylvania logs. Like stumpage prices, these figures are also broken down regionally. Occasionally, the mill prices by grade will appear to be out of order. This anomaly is caused by a limited number of responses in one of the categories. There are commonly fewer observations (the (n) columns), for mill prices since many mills do not report their mill prices because they supply their mills exclusively by purchasing their own stumpage.

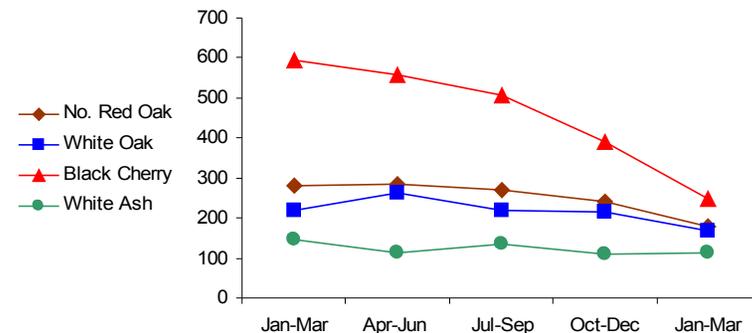
Southeast



Northwest



Southwest



Average price (\$ per MBF, International 1/4" rule) by market report period for sawtimber stumpage sold in Pennsylvania by market region and species.

TIMBER MARKET REPORT

January-March 2009

Species	Stumpage Prices				Mill Prices							
	Minus (1 St.Dev)	Avg	Plus (1 St.Dev)	(n)#	Low F3+	(n)#	Med F2+	(n)#	High F1+	(n)#	Veneer Avg	(n)#
NORTHEAST												
(\$ per M B F International 1/4")												
Northern Red Oak	197	262	327	(9)	350	(1)	350	(1)	0	(0)	0	(0)
White Oak	138	213	288	(7)	0	(0)	370	(1)	0	(0)	0	(0)
Mixed Oak	141	199	257	(8)	0	(0)	360	(1)	0	(0)	0	(0)
Black Cherry	254	490	726	(5)	0	(0)	0	(0)	0	(0)	0	(0)
White Ash	76	152	228	(6)	0	(0)	362	(2)	0	(0)	0	(0)
Hard Maple	13	172	331	(2)	0	(0)	0	(0)	0	(0)	0	(0)
Soft Maple	64	174	284	(8)	0	(0)	500	(1)	0	(0)	0	(0)
Yellow-Poplar	152	197	242	(3)	0	(0)	300	(1)	0	(0)	0	(0)
Misc. Hardwoods	0	86	0	(1)	0	(0)	0	(0)	0	(0)		
White Pine	57	68	79	(2)	0	(0)	0	(0)	0	(0)		
Hemlock	0	55	83	(2)	0	(0)	0	(0)	0	(0)		
SOUTHEAST												
Northern Red Oak	180	279	378	(18)	47	(1)	176	(2)	265	(1)	295	(1)
White Oak	160	269	378	(18)	47	(1)	176	(2)	354	(1)	354	(1)
Mixed Oak	148	239	330	(18)	47	(1)	147	(1)	206	(1)	0	(0)
Black Cherry	186	438	690	(5)	47	(1)	118	(1)	0	(0)	0	(0)
White Ash	105	167	229	(13)	47	(1)	168	(3)	118	(1)	0	(0)
Hard Maple	226	268	310	(3)	0	(0)	0	(0)	0	(0)	0	(0)
Soft Maple	84	150	216	(12)	47	(1)	106	(1)	118	(1)	0	(0)
Yellow-poplar	118	181	244	(15)	47	(1)	126	(2)	236	(1)	0	(0)
Misc. Hardwoods	90	132	174	(12)	47	(1)	82	(2)	236	(1)		
White Pine	56	78	100	(6)	0	(0)	0	(0)	0	(0)		
Hemlock	46	72	98	(5)	0	(0)	0	(0)	0	(0)		
NORTHWEST												
Northern Red Oak	114	217	320	(11)	123	(3)	211	(3)	329	(3)	723	(4)
White Oak	88	174	260	(11)	98	(3)	177	(3)	285	(3)	723	(4)
Mixed Oak	49	138	227	(9)	98	(3)	128	(3)	182	(3)	0	(0)
Black Cherry	357	654	951	(17)	211	(3)	388	(3)	0	(0)	1888	(4)
White Ash	71	136	201	(14)	108	(3)	188	(5)	196	(3)	342	(3)
Hard Maple	140	220	300	(12)	133	(3)	295	(3)	462	(3)	787	(3)
Soft Maple	104	163	222	(19)	98	(3)	197	(3)	255	(3)	0	(0)
Yellow-poplar	31	83	135	(10)	78	(3)	108	(3)	147	(3)	177	(1)
Misc. Hardwoods	13	33	53	(11)	68	(3)	78	(3)	93	(3)		
White Pine	14	21	28	(3)	29	(1)	66	(2)	29	(1)		
Hemlock	0	26	35	(7)	18	(2)	53	(2)	18	(1)		
SOUTHWEST												
Northern Red Oak	85	177	269	(10)	59	(1)	188	(2)	177	(1)	177	(1)
White Oak	75	167	259	(9)	59	(1)	174	(2)	147	(1)	147	(1)
Mixed Oak	44	122	200	(8)	59	(1)	130	(2)	118	(1)	0	(0)
Black Cherry	131	248	365	(8)	59	(1)	261	(2)	0	(0)	295	(1)
White Ash	42	112	182	(7)	59	(1)	108	(2)	147	(1)	118	(1)
Hard Maple	81	184	287	(8)	59	(1)	261	(2)	295	(1)	236	(1)
Soft Maple	73	123	173	(9)	59	(1)	152	(2)	118	(1)	118	(1)
Yellow-poplar	63	103	143	(8)	59	(1)	152	(2)	118	(1)	118	(1)
Misc. Hardwoods	38	54	70	(8)	59	(1)	108	(2)	0	(0)		
White Pine	52	71	90	(4)	59	(1)	108	(2)	0	(0)		
Hemlock	52	71	90	(4)	59	(1)	108	(2)	0	(0)		
#n is the number of responses used to calculate the price statistics.												
Conversion Factors:												
Doyle Price=1.695 x International 1/4" Price												
Scribner Price=1.150 x International 1/4" Price												