一公顷产生90立方米的木材

假定为太平洋沿岸西北地区某州

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| Pacific Northwest; West |

（如华盛顿州）的森林10000公顷

根据资料（USDA生长蓄积量中的碳.csv），硬木和软木的比例为：

1.608:1.646，下面为树种

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| Alder-maple |
| Douglas-fir |
| Fir-spruce-m.hemlock |
| Hemlock-Sitka spruce |

在太平洋沿岸州，软木中，saw log：pulpwood=2.171:2.309（0.4846）

硬木中，saw log：pulpwood=2.822：2.447（0.5356）

Inputs:

*Hardwood Proportions*

Harvest Amount 444745.00 m³

* Sawlogs: 48.46%
* Pulpwood: 51.54%

*Softwood Proportions*

Harvest Amount 455255.00 m³

* Sawlogs: 53.56%
* Pulpwood: 46.44%

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| --- | --- | --- | --- | --- | --- |
| All C units tonnes/ha | |  |  |  |  |
| Year | Products(C) | Landfill(C) | Stored(C) | Energy(C) | Emissions(C) |
| 0 | 10.5543 | 0 | 10.5543 | 4.8085 | 2.9434 |
| 10 | 4.7065 | 2.2474 | 6.9539 | 6.835 | 4.5174 |
| 20 | 3.058 | 2.7544 | 5.8125 | 7.3748 | 5.1142 |
| 30 | 2.4084 | 2.8868 | 5.2952 | 7.5524 | 5.454 |
| 40 | 1.9916 | 2.9601 | 4.9517 | 7.666 | 5.6975 |
| 50 | 1.6846 | 3.015 | 4.6996 | 7.7299 | 5.872 |
| 60 | 1.4462 | 3.0746 | 4.5208 | 7.7665 | 6.0142 |
| 70 | 1.2627 | 3.1206 | 4.3833 | 7.7848 | 6.1334 |
| 80 | 1.1022 | 3.1666 | 4.2688 | 7.8031 | 6.2297 |
| 90 | 0.9826 | 3.2078 | 4.1905 | 7.8031 | 6.3123 |
| 100 | 0.877 | 3.2449 | 4.1219 | 7.8031 | 6.3812 |
| Average | 2.3874 | 2.8269 | 5.2143 | 7.4774 | 5.6137 |

Calculated values represent total carbon storage at each decade listed and average carbon storage across all years, 0-100 for:

* Products: End-use products that have not been discarded or otherwise destroyed, such as construction products, containers, and paper products.
* Landfill: Discarded wood and paper products in landfills.
* Stored: The sum of Products and Landfill.
* EnergyCapture: Combustion of wood products with energy capture as the carbon is emitted to the atmosphere (e.g. production of energy from forest products that could offset energy production from another source – also called Energy).
* NoCapture: Carbon in harvested wood emitted to the atmosphere through combustion or decay without energy recapture (also called Emissions).
* The i-Tree Harvest Carbon Calculator was originally known as the PRESTO Wood Calculator and was developed by scientists with the USDA Forest Service, Northern Research Station and ESSA Technologies.