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%

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| All C units tonnes/ha | |  |  |  |  |  |
| Year | Products(C) | Landfill(C) | Stored(C) | Energy(C) | Emissions(C) | Total(C) |
| 0 | 105.543 | 0 | 105.543 | 48.085 | 29.434 | 288.605 |
| 10 | 47.065 | 22.474 | 69.539 | 68.35 | 45.174 | 252.602 |
| 20 | 30.58 | 27.544 | 58.125 | 73.748 | 51.142 | 241.139 |
| 30 | 24.084 | 28.868 | 52.952 | 75.524 | 54.54 | 235.968 |
| 40 | 19.916 | 29.601 | 49.517 | 76.66 | 56.975 | 232.669 |
| 50 | 16.846 | 30.15 | 46.996 | 77.299 | 58.72 | 230.011 |
| 60 | 14.462 | 30.746 | 45.208 | 77.665 | 60.142 | 228.223 |
| 70 | 12.627 | 31.206 | 43.833 | 77.848 | 61.334 | 226.848 |
| 80 | 11.022 | 31.666 | 42.688 | 78.031 | 62.297 | 225.704 |
| 90 | 9.826 | 32.078 | 41.905 | 78.031 | 63.123 | 224.963 |
| 100 | 8.77 | 32.449 | 41.219 | 78.031 | 63.812 | 224.281 |
| Average | 23.874 | 28.269 | 52.143 | 74.774 | 56.137 | 235.197 |

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.