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INTRODUCTION TO VALUATION

All economies operate within and are dependent on healthy landscapes, and if the landscape is degraded, economies can falter.¹ Like a road, building, or other built capital asset, the goods and services produced by the landscape of California's North Coast region are also economic assets.

California's North Coast Region produces a multitude of goods—timber, wild mushrooms, milk and cheese, salmon, wine, and clean water, among others. These products are bought and sold in markets—they have economic value. Natural and working landscapes in the North Coast region provide a suite of services and benefits that—although less tangible than the goods outlined above—provide economic value through flood risk reduction, carbon sequestration, groundwater recharge, recreation opportunities such as hiking and camping, and the removal of air pollutants. An ecosystem that reduces the risk of flood damage, for example, also provides benefits by protecting local jobs, preventing costs such as infrastructure repairs, reconstruction, and restoration, and by keeping people safe.

Without healthy natural lands, many of the services and benefits that we currently receive for free would not exist. Without natural services, costly built capital solutions, which often have lower resilience and shorter longevity, would need to be implemented.² Additionally, not every service can be replaced, like a beautiful view, a native plant or animal species, or a culturally significant site or resource. Sometimes, if natural areas are lost, their economic goods and services are also lost. The goods and services of a healthy landscape provide a steady stream of benefits to residents, creating a stable, resilient, and prosperous economy and a healthy quality of life.³

Just as the value of built capital assets can be measured, so too can natural assets be quantified in economic terms. If an area's natural assets were appraised like a business, based on the value of the goods and services they provide, how much would they be worth? Many would argue that the ecosystems within a landscape are priceless.⁴ Considering something as priceless, however, generally leads to either an extremely high value, or, as in traditional economic analyses of nature's benefits, a value of zero. When it comes to natural capital, the latter outcome has generally prevailed and is often the default value in decision making, leading to the loss and degradation of valuable natural areas. Pricelessness may not be a practical value when it comes to making decisions about development and natural resource extraction. On the other hand, like a human life, the natural landscape provides real value, and

this value can be identified using ecosystem valuation techniques. The identification and monetary valuation of nature's goods and services provides evidence of the economic importance of the North Coast's landscape.

Natural capital valuation is becoming increasingly necessary in today's world where climate change threatens our communities and systems. Throughout history, new economic measures have been constructed based on decision making needs. In 1930, the United States lacked measures of Gross Domestic Product (GDP), unemployment, inflation, consumer spending, and money supply.⁵ Benefit-cost analysis and rate of return calculations were initiated after the 1930s to examine and compare investments in built capital assets such as roads, power plants, factories, and dams. These basic economic measures are now standard guides to investment in today's economy, and are foundational to decision making by elected officials and others. Natural asset valuation is a necessary new economic measure that can reveal the economic benefits of investment in maintaining or restoring natural landscapes.

Today, the North Coast region is valued as a place to live, work, and visit. This value is inextricably linked to the health of its ecosystems, productivity of its natural assets, and the opportunity these landscapes provide. This report aims to quantify the valuable contributions to the economy that the working lands and natural systems of California's North Coast provide – not only internal to the North Coast region, but also services such as carbon sequestration, biodiversity, and water supply and quality that benefit all of California and the world.

INTRODUCTION TO ECOSYSTEM GOODS AND SERVICES

This section introduces the concepts of natural capital and ecosystem services and shows how they provide value to human communities and economic systems.

NATURAL CAPITAL AND ECOSYSTEM SERVICES

The term "natural capital" is an extension of the traditional economic notion of capital. Economies depend on built, financial, human, social, and natural capital, and a robust and resilient economy requires that all these forms of capital are healthy and work productively and synergistically.

Just like other forms of capital, natural capital also provides a flow of goods and services. Natural capital has

specific ecosystem functions that provide the economy with a diverse flow of goods and services. For example, natural capital assets within a watershed (e.g. forests, wetlands, and rivers) perform critical functions such as capturing, storing, conveying, and filtering rainfall that produces goods such as potable water for communities or services such as reduced flood risk which protects people and built capital.⁷ Ecosystem goods and services are the end product of natural capital and ecosystem functions, and are defined as the benefits people derive from nature. Figure 1 illustrates the relationship between natural capital, ecosystem functions, and the production of ecosystem goods and services.

Figure 1. Goods and services flow from natural capital

enormous economic return. However, the collection and sale of ecosystem goods can affect the ability of the remaining ecosystem to provide other goods and services, such as flood protection, clean drinking water, or recreation. By examining the value of the entire suite of ecosystem goods and services, the economic relationships and tradeoffs can be better understood.

Ecosystem Services

Ecosystem services are the beneficial conditions and processes through which natural ecosystems sustain and fulfill human life. Unlike ecosystem goods, ecosystem services are not tangible items



Ecosystem Goods

Goods are physical objects created as a result of a process, like drinking water, timber, fish, crops, and wildlife. Ecosystem goods are typically tangible items produced by nature that are quantifiable in terms of flow, volume, weight, or quantity. The quantity of water produced per second, the weight of catch while fishing, or the board feet of timber cut in a 40-year rotation can be measured by the physical quantity that an ecosystem produces over time. The production of goods can be easily valued by multiplying the quantity produced by the current market price.

Most goods are excludable, which means that if one individual owns or uses a particular good, that individual can exclude others from owning or using the same good. For example, if one person eats an apple, another person cannot eat that same apple. Excludable goods can be traded and valued in markets. The sustainable stream of goods provided by an ecosystem is a "flow of goods." These goods can provide that you can hold. Flood risk reduction, recreational value, aesthetic value, and water filtration are a few examples of the services that ecosystems provide.

By nature, many ecosystem services are non-excludable. They cannot be privately owned and are not traded in markets. Natural flood risk reduction, for example, cannot be owned or traded, unlike built infrastructure such as a dam or levee. Flood risk reduction is a non-excludable service because all downstream residents benefit from the flood risk reduction provided by forested land or dams upstream. Similarly, when one person enjoys a view of the sunset, it does not prevent another person from enjoying the same sunset.

Many ecosystem services, such as oxygen production, soil regulation, and storm protection, either are not, or cannot be, sold in markets. However, markets for some ecosystem services are possible and slowly growing; water temperature trading and carbon sequestration markets are examples.

A FRAMEWORK FOR ASSESSING ECOSYSTEM SERVICES

Within the past decade, considerable progress has been made to systematically link functioning ecosystems with human well-being. Work completed by de Groot et al. (2002),⁸ the Millennium Ecosystem Assessment (MEA),⁷ and The Economics of Ecosystems and Biodiversity⁹ (TEEB) have marked key advancements in this task.

Recognizing the lack of a standardized framework for the growing amount of information on the value of ecosystem goods and services, de Groot et al. were among the first to present a conceptual framework and typology for describing, classifying and valuing ecosystem functions, goods and services in a consistent manner. They accomplished the initial step of translating the complexity of ecological structures and processes into a limited set of ecosystem functions and subsequently identified how these functions provide goods and services of value to people.

In 2001, an international coalition of over 1,360 scientists and experts from the United Nations Environmental Program, the World Bank, and the World Resources Institute assessed the effects of ecosystem change on human well-being. A key goal of the assessment was to develop a better understanding of the interactions between ecological and social systems, and in turn, to develop a knowledge base of concepts and methods that would improve our ability to "...assess options that can enhance the contribution of ecosystems to human well-being."⁷ This study produced the landmark MEA, which classifies ecosystem services into four broad categories according to how they benefit humans.

The conceptual framework initiated by de Groot et al. and developed through the MEA provided the impetus for several subsequent initiatives and programs, most notably the TEEB, referenced previously. The goal of TEEB is to help decision makers recognize and incorporate ecosystem service benefits into decision making by using a structured approach to valuation.

Although it is well recognized that further research and refinement is needed since the frameworks simplify reality, these studies provided a key conceptual framework for valuing natural capital and its related ecosystem goods and services.

Earth Economics has adapted the MEA's ecosystem service descriptions to develop a framework that best articulates and values the vast array of critical services and benefits that natural capital provides. Table 1 in Appendix C defines the four categories and 21 distinct ecosystem services used in Earth Economics' framework.

ECOSYSTEM SERVICE VALUATION METHODOLOGY

The goal of this analysis is to provide ecosystem service values for natural areas of the North Coast region of California. The study area is a hydrological region that is comprised of six Watershed Management Areas (WMA) and covers the jurisdictional boundaries of various North Coast counties. The Region includes all of the counties of Del Norte, Humboldt, Trinity, and Mendocino; major portions of Siskiyou and Sonoma; and small portions of Glenn, Lake, Marin, and Modoc counties.

This chapter describes the steps taken in the valuation analysis. The first step is to assess the extent of natural capital in the study area. This is accomplished by determining the spatial extent of land covers using Geographic Information System (GIS) software. Next, the Benefit Transfer Method (BTM) is used to determine dollar-per-acre values for ecosystem services. Last, these two datasets are combined to estimate the total value of economic benefits provided by the North Coast. These methods are described in detail in the following sections.

LAND COVER ANALYSIS

First, land cover acreage for the North Coast region was derived from the U.S. Forest Service's CALVEG spatial data using GIS software.¹⁰ The acreage was calculated for every regional description category in the CALVEG data and summarized among the entire outer coast study area, by county, and by WMA. The regional description categories were grouped into 17 different land cover categories for the ecosystem service valuation (see Table 2 in Appendix C).

The GIS data was modified in several ways to enable a more detailed description of the natural capital of the study area. "Spatial attributes" were constructed to describe unique locations of ecosystems within the landscape. In this analysis, we considered four spatial attributes that affect ecosystem service values: proximity to agricultural areas, and the location of land covers within coastal, riparian, or urban zones. Identifying the spatial attributes of land cover data allows the application of more granular study values and increases accuracy as each attribute provides information that narrows the scope of values and mitigates uncertainty. Valuations tend to be more accurate when the spatial distribution of values is taken into account.¹¹ In the following paragraphs, we provide examples of how these spatial attributes affect ecosystem service values.

Agriculture is a unique land cover because it provides ecosystem goods and services directly to consumers, and it also relies on a range of ecosystem services to support production. Non-point sources of pollution related to agriculture risk damage to ecosystems, but management regimes can promote agricultural practices that improve the ecological function of farmland.¹² Pollinating services, weed and pest control, and water purification aid in the production process while minimizing costs.

The western border of California meets the Pacific Ocean, providing a bounty of goods and services for California's ocean economy.¹³ In California, 77% of the population lives within coastal counties and generates 86% of all economic activity. Areas in proximity to coastlines benefit from unique ocean and coastal resources. Land covers within or near coastal areas generate different services than inland land types, like essential habitat for living resources not found in freshwater habitats, wave attenuation, unique recreational opportunities, and transportation.

Riparian borders are a vegetative buffer that surrounds a body of water. Land covers that reside within these borders often have a large positive effect on nearby waters and are more ecologically productive.¹⁴ The vegetation along a body of water helps reduce nitrogen and phosphorus levels, sedimentation, maintain base flow, and increase erosion control.

The majority of the North Coast region is rural. The lack of development leaves open space for ecosystems to thrive, benefiting residents and tourists alike. Ecosystem service values vary significantly along the urban-rural gradient.¹⁵ Areas of higher urbanization tend to have degraded ecosystems, but urban parks and open space are also tremendously valuable as they provide services in an urban landscape. For example, Annadel State Park offers Santa Rosa residents hiking and biking trails, provides wildlife habitat that promotes seed dispersal and pollination, and creates opportunities to explore a scenic view in an urban setting. It is important to identify which services are provided in land covers that are within and near urban areas to control for the variation in values.

Table 3 in Appendix C describes how each spatial attribute was derived and the datasets involved in calculating the boundaries of each spatial attribute. Appendix A describes some limitations arising from this spatial attribute analysis.

VALUATION METHODOLOGY

With land cover acreage and spatial attributes defined, the next step in the analysis involved employing benefit transfer methodology (BTM) to identify ecosystem services values. Due to the large size of the North Coast region and variety of ecosystems, ecosystem services, and socioeconomic contexts, function transfer methods were not used. Instead, a "unit transfer" approach was taken, and values were only adjusted for inflation during the transfer.

The Benefit Transfer Method

Benefit transfer methodology (BTM), broadly defined as "...the use of existing data or information in settings other than for what it was originally collected", is frequently used to indirectly estimate the value of ecological goods or services.¹⁶ BTM is often the most practical option available to quickly generate reasonable estimates at a fraction of the cost of conducting local, primary studies. This methodology is widely used in the field of ecosystem service valuation.¹⁷

The BTM process is similar to a home appraisal in which the value and features of comparable, neighboring homes (e.g. two bedrooms, garage, one acre, recently remodeled) are used to estimate the value of the home in question. In our analysis, the BTM process identifies previously published ecosystem service values from comparable ecosystems and transfers them to our study site, the North Coast of California. As with home appraisals, the BTM results can be somewhat rough, but quickly yield values appropriate for policy work and analysis.

The process begins by finding primary studies with land cover classifications (wetland, forest, grassland, etc.) comparable to those within the study area. Any primary studies deemed to have incompatible assumptions or land cover types are excluded. Individual primary study values are adjusted and standardized for units of measure, inflation, and land cover classification to generate an "apples-to-apples" comparison. However, transferring primary study values using a unit transfer approach assumes that supply and demand factors (such as those described above) between the primary study site and the study site of this report are the same, and this assumption can lead to under- or overestimates of the actual value of a service in the North Coast. Appendix A describes in detail the limitations of this type of approach.

Selecting Valuation Literature

Primary studies are selected from Earth Economics' Ecosystem Service Toolkit (EVT). The EVT is one of the largest repositories of published, peer-reviewed primary valuation studies, reports, and gray literature on the value of ecosystem services.¹ Primary valuations use techniques developed and vetted within environmental and natural resource economics communities over the last four decades. The techniques can be grouped into three broad categories: 1) direct market valuation approaches; 2) revealed preference approaches; and 3) stated preference approaches.¹⁸ Table 4 in Appendix C provides

1 Visit <u>www.esvaluation.org</u> for more information.

descriptions of the most common valuation techniques and examples of how they can be analytically employed.

In addition to the EVT, a wealth of information on biophysical carbon sequestration and storage rates can be found in published scientific literature for most ecosystems. This analysis combines biophysical carbon sequestration from these studies and the social cost of carbon¹⁹ to provide accurate estimates of the economic value of climate stability.

Before a value is added to a report, we examined the degree of correspondence, or the similarity of location and socioeconomic indicators from the primary data and the applied study region.²⁰ Conducting a defensible benefit transfer requires careful thought, research, and choices, particularly as regards the transferability between the study site (the site of the original published literature) and the transfer site (the site to be valued through benefit transfer). The following criteria were used to assess the transferability of literature values from the EVT to the North Coast region:

Criteria 1: Similarity of ecosystem goods and services

At the most basic level, the commodity being valued at the study site and the transfer site should be the same. The similarity of uses, goods, and services at the study and transfer sites is critical for a valid transfer.²⁰⁻²³ Studies that valued services that do not exist in the North Coast region were not included in the dataset. For example, a value for protection from hurricane damage from the East Coast of the United States is not an appropriate service to transfer to the North Coast of California.

Criteria 2: Similarity of land cover types

Like Criteria 1, the similarity between land cover types at both sites is important. Errors associated with benefit transfers are lessened as the similarity between the study site and the transfer site increases.^{11,20,24} Land cover types which did not exist in the CALVEG data were excluded from the dataset. For example, tropical rainforests do not exist in the North Coast and are therefore inappropriate land cover types for value transfer.

Criteria 3: Literature is of sound methodology

Earth Economics ensures that credible sources with the latest methods provide values for this analysis. Studies must meet data quality conditions, including the use of correct economic methodologies.^{20,21,25,26} There are common best practice methods for valuing market and non-market goods and services, with certain valuation methods best suited to specific ecosystem services. For example, the value of the food ecosystem service is more appropriately valued using market pricing

techniques than a stated preference approach. Table 5 in Appendix C lists each ecosystem service and the most appropriate valuation methodologies as identified by the literature.²⁷ Additionally, studies using primary valuation methods were prioritized over those using secondary methodologies. Where a gap in primary valuations existed, a secondary valuation study was used.

Criteria 4: Transferability of ecosystem services

Some ecosystem services are more easily transferred than others. Ecosystem processes with large or even global benefits, such as carbon sequestration, are highly transferable. Other services with more local effects, like habitat for a specific species or aesthetic views, are not as transferable. Table 6 describes the transferability of each ecosystem service in Earth Economics' classification.

Regardless of transferability, ecosystem services with study sites from California were given priority. However, many gaps existed in the California valuation literature, in which case non-California studies were utilized. For services with low transferability, values were transferred only from California. Services with medium transferability were derived from temperate regions in the United States. Services with high transferability were derived from areas in the greater United States.

Criteria 5: Similar demographics and cultural attitudes

Benefit transfers are more accurate when the demographic characteristics, attitudes, and beliefs of consumers at the transfer and study sites are similar.^{21,28,29} Although it is difficult to determine cultural attitudes of sites from published literature, to partially address these effects, only valuation studies from the United States were considered for the dataset.

Calculating Ecosystem Service Values

All ecosystem service values were standardized to account for differences in units and for inflation. The unit of measure for this analysis is dollars per acre per year, adjusted to 2014 United States dollars using Bureau of Labor Statistics Consumer Price Index inflation factors.

Values for ecosystem services can vary due to factors such as scarcity, income effects, and uniqueness of habitat, among others. The values provided include an array of marginal and average values for ecosystem services that incorporate different potential demand scenarios and states of the environment. By extracting values from a large pool of studies and contexts, we illustrate a well-informed value approximation. The analysis presents high, low, and average dollar-per-acre values that reflect the variability and uncertainty in the data, with the average value representing a measure of central tendency. Table 7 in Appendix C summarizes the land cover/ecosystem service combinations that were valued in this analysis. One to ten ecosystem services were valued for each land cover type.

A combination not included in the analysis does not necessarily mean that the ecosystem does not produce that service or that the service is not valuable, but rather shows a lack of primary, peer-reviewed data for that service. For example, shrubland provides highly valuable services such as recreation, habitat, and carbon sequestration, yet there are few valuation studies of this land cover type. Caution should be exercised when comparing total ecosystem services values across land covers, as the difference in values could stem from an information gap rather than true differences in ecosystem service value. Continued investment in local primary valuations is an ongoing need in order to fill in the gaps of this valuation. See Appendix A for a detailed discussion on study limitations.

Using the previously outlined criteria, total per-acreper-year values for each land cover, ecosystem service, and spatial attribute combination were selected from the literature. These per-acre-per-year values were multiplied by the number of acres fitting the combination. The result was an annual value representing the flow of ecosystem service value provided for each land type in question. These flows were then summed across all land cover types in the North Coast region to produce a total ecosystem service value for the entire study area. Equation 1 shows the formula used in determining total ecosystem service values of the study area.

Equation 1. Total ecosystem service value calculation

 $Total Ecosystem Service Value = \sum [Acres_{ij} * \sum (\$/acre/year)_{ijk}]_{ij}$ Where:

- i = spatial attribute i
- *j* = land cover type *j*

 $Acres_{ij}$ = the total number of acres for each land cover j in the spatial attribute i $({acre}/{year})_{ijk}$ = the dollar per acre per year value of each ecosystem service k on each land cover j in spatial attribute i

Here we describe in detail the process outlined in Equation 1 using real data for coniferous forests outlined in the results section of this report. Each primary study provided a low, average, and high value estimate for one or more ecosystem services on a given land cover type. Studies are also tagged with one to four spatial attributes, which are then only used on land covers which were assigned the corresponding attributes. The example below demonstrates how these are combined in Equation 1 using the combination of Coniferous Forest and the Riparian and Urban spatial attributes. Overall, 383 acres of land in the North Coast match this combination (acres_{ij}). Ecosystem service values were combined from valuation studies under 7 different ecosystem services. When studies valued the same ecosystem service, corresponding low, average, and high values were calculated from the range of studies. Study values were summed if the studies valued different ecosystem services (for example, natural biological resistance and active animalian biological control). In the example below, bold values show the final dollar per acre per year values for each ecosystem service k. These are summed to get the total dollar per acre per year value for the land cover and spatial attribute combination (in this example, 1,827 to 10,016, average of 5,372). This value is multiplied by the number of acres for this combination, 383, to produce final annual values for this combination (669,294 to 3833,358, average 2,055,946).

Land Cover (j): Coniferous Forest Attribute (i): Riparian, Urban Area Valued (Acresij): 383 Low (\$/ Average High (\$/ Ecosystem Service (k) Author(s) acre/ (\$/acre/ acre/ year) year) year) Aesthetic Information 347 2,675 5.508 McPherson and **Real Estate Value** 347 1.258 2.170 Simpson 2002 Thompson et Real Estate Value 5,508 5,508 5,508 al. 1999 31 93 169 Air Quality McPherson and Removal of Air Pollutants 78 124 169 Simpson 2002 McPherson Removal of Air Pollutants 31 31 31 et al. 1998 **Biological Control** 14 14 14 2 2 2 Natural Resistance Pimentel 1998 2 2 2 Natural Resistance Pimentel et al. 1997 Active Animalian Control Pimentel 1998 12 12 12 **Climate Stability** 89 144 665 Greenhouse Gas Sequestration Smith et al. 2006 89 144 665 Soil Formation 6 6 6 Costanza et Unspecified 6 6 6 al. 2006 Water Capture, 101 317 528 Conveyance, & Supply Stormwater Runoff Reduction Hill et al. 2013 144 144 144 McPherson and Stormwater Runoff Reduction 90 108 127 Simpson 2002 Costanza et Water Supply 11 197 384 al. 2006 Water Quality 1,240 2,123 3,127 710 815 920 Phosphorus Removal Hill et al. 2013 Nitrogen Removal Hill et al. 2013 531 1,309 2,207 Total \$/acre/year value 1,827 5,372 10,016 Total Annual Ecosystem 699,294 2,055,946 3,833,358 Service Value

A total of 240 land cover/spatial attribute combinations were valued for the North Coast (i.e. this processes was undergone 240 times). Due to space considerations, these tables are provided outside this report as supplementary information.² The annual totals are summed over all land covers and spatial attributes to provide a total value flow for the entire North Coast. This annual dollar value is like an annual flow of income from natural capital. It represents the benefits people receive each year from the natural areas of the North Coast region.

ASSET VALUATION METHODOLOGY

Provided the natural capital of the North Coast region is not degraded or depleted, the annual flow of ecosystem services will continue into the future. Just as with built capital, we can calculate the asset value of natural capital in the North Coast.

Asset values provide a measure of the expected benefits flowing from natural capital over time. The net present value allows a comparison of benefits that are produced at various points in time. To calculate the net present value, a discount rate must be used.

Discounting allows sums of money from different time periods to be compared by expressing the values in present terms. In other words, discounting shows how much future sums of money are worth today. Discounting is designed to take two major factors into account:

- Time preference: people tend to prefer consumption now over consumption in the future, meaning a dollar today is worth more than a dollar received in the future.
- Opportunity cost of investment: investment in capital today provides a positive return in the future.

However, experts disagree on the appropriate discount rate for natural capital benefits.^{30,31} Traditional economic discounting uses a constant rate. For example, the Federal Office of Management and Budget uses a standard rate of 7%. High discount rates such as this causes benefits far in the future to be highly discounted and can tremendously affect projects that consider costs and benefits over long time periods. As natural capital can produce benefits for hundreds of years, this issue is particularly relevant to this work.

One solution is to use a declining discount rate.^{32,33} Empirical evidence shows decision makers act in terms of declining discount rates rather than constant rates for project planning.³⁴in the long run and in the absence of a commitment device, society is stuck in a situation where all agents prefer further investments, yet no agent invests. This holds no matter whether agents are aware of the time inconsistency of their preferences. As a consequence, awareness of the time-inconsistency problem poses at best a short run remedy. Moreover, such an outcome may be Pareto inefficient and may explain the weak performance of long-run environmental policies.", "shortTitle": "Now or Never", "author":[{"fam ily": "Winkler", "given": "Ralph"], "issued":{"date-parts ":[["2009"]]}}], "schema": "https://github.com/citationstyle-language/schema/raw/master/csl-citation.json"} Declining discount rates also consider future and current generations in a more balanced form and can help mitigate uncertainties concerning the future.

To account for uncertainty in the use of discount rates, we utilize a constant 3% discount rate and a declining discount rate as outlined by Weitzman (2001)³⁵ for this analysis. Utilizing multiple discount rates shows how differences in time preference change the valuation of natural assets.³⁶ The asset value of ecosystem services produced by the North Coast region is calculated using the net present value (NPV) of the flow of benefits as seen in Equation 2.

Equation 2. Net present value formula

 $NPV = \sum_{n=1}^{r} \frac{C_n}{(1+r_n)^n}$

Where: C_n = net benefit at time n T = Total time period r_n = discount rate at time n

Net present values can be calculated over different timeframes depending on the purpose of the analysis and the nature of the project. In the case of natural capital valuations, ecosystems are self-maintaining, stable over long periods, and continuously productive as long as they remain unimpaired. Although arbitrary, we chose a timeframe of 100 years for the NPV calculation. It is, however, worth noting that, if kept healthy, the natural capital of the North Coast watersheds will continue to provide benefits well beyond 100 years into the future.

The asset value calculated in this report is based on a snapshot of the current land cover, consumer preferences, population base, and productive capacities. As such, it does not consider the possibility of future environmental degradation or change in value due to scarcity. Rather, it assumes that the ecosystems of the North Coast region will remain the same over 100 years. For more information on the caveats of this analysis, see Appendix A.

For example, the average annual benefits provided by the North Coast is calculated as approximately 27 billion in the following section, in other words, $C_n = 27$ billion. C_n

² Supplementary information may be downloaded at the following link: provide link here.

is equal across all years, as we assume the asset value is based on a snapshot. For traditional discounting using a 3% discount rate, r_n is always .03. However, for the declining discount rate, r_n changes over time, beginning from 4% up to year 5, 3% up to year 25, 2% up to year 75, and 1% after year 75. The result is that in each year of the calculation (i.e. 1 to 100), Cn is discounted below 27 billion, depending on the rate and year. These discounted values are summed across 100 years to estimate the NPV.

VALUATION RESULTS AND DISCUSSION

LAND COVER

Mapping goods and services provided by built capital such as factories, restaurants, schools, and businesses provides a view of the region's economy across the landscape. Retail, residential, and industrial areas are found throughout the landscape. The same is true for natural capital in the North Coast region. The GIS analysis shows the size and location of the natural assets of the North Coast region. Table 9 through Table 11 present the acres of the North Coast's natural assets, presented by the total study area, by WMA, and by county.

Very little of the North Coast is urban or agricultural; less than half a percent is developed, and only four percent is designated as cropland or pasture. The vast majority of the North Coast is forested (75%). Herbaceous land covers (grassland and shrubland) are the second most common at 18% of total land cover.

ANNUAL VALUE

The North Coast region provides between \$15 billion and \$45 billion in ecosystem service benefits to people each year, with an average of \$27 billion.

Table 12 shows the annual ecosystem service values for the entire north coast by land cover type. Table 13 and Table 14 show the annual ecosystem service values by WMA and by county, respectively. The annual values show the variety and levels of benefits that the North Coast's ecosystems provide. Forests provide the largest annual ecosystem benefit due to their prevalence. Coniferous forests make up over half of the North Coast's land cover and about three quarters of the annual value from ecosystem goods and services in the region. Combining all three forest types, their values account for roughly 90% of the total annual value.

Per acre results reveal the ecosystems that provide the most benefit per unit. However, caution must be used when comparing per-acre results across land covers as these differences may be due to information gaps rather than other factors. While forests provide the greatest annual value due to their prevalence, throughout the North Coast region, beaches, wetlands, and open water sources provide high per-acre values.

These results show the significant amount of economic benefits provided by the North Coast. Yet, these numbers are still an underestimate since many ecosystem service and land cover combinations could not be valued.

ASSET VALUE

We estimate the asset value of the ecosystems of the North Coast region to be approximately \$861 billion using a 3% discount rate or \$1.3 trillion using a declining discount rate. Table 15 shows the range and average NPV over the entire study area. Table 16 and Table 17 show the range and average NPV by WMA and by county, respectively. Note that these calculations do not include built infrastructure in the region; only the value of ecosystem service benefits. The asset values shown here reveal the scope and scale of benefits to the regional economy and communities.

These values demonstrate that investment in natural capital can provide vast long-term benefits if these assets are conserved or enhanced. Moreover, investment in natural capital can yield a tremendous return on investment due to both the low cost of investment and the large amount of benefits restored.

DISCUSSION

Assessing the economic value of landscapes and ecosystem services is challenging. The values presented in this study represent a broad screeninglevel appraisal of the natural capital assets of the North Coast of California. This analysis represents a conservative baseline for understanding and measuring the substantial value of the North Coast's extensive natural assets. Further research and data gathering both locally and throughout the greater United States will help to fill gaps and improve our understanding of the full value of the region's natural capital and its complex interactions with the local economy.

With better data and emerging valuation methods, it is very likely that the values here represent only a fraction of nature's true contribution to the economy. Even in this early stage, these values can immediately be used to educate stakeholders, improve decisionmaking, and structure funding mechanisms. Here are some specific opportunities to apply these results:

Educating the public and policy-makers

For many decades, nature has largely been assumed to provide 'free' services to the local economy. However, whether through supplying water or carrying away waste products, nature provides critical services. Because we have come from a time of natural resource abundance, people and their accounting systems have valued these services at zero. This view is starting to change, and the values in this report can be used to convey a clear and detailed message that nature is critical to the economy and does indeed have a dollar value. This message is the first step in changing policy and practice.

Estimating economic rates-of-return for conservation projects

The spatial data, economic values, and methods described in this report can be used to estimate a rate of return on conservation investments such as easements, open space acquisitions, and stewardship/restoration activities.

Scaling investments in natural capital to the size of the asset

Combining an understanding of the scale of natural capital asset value in the North Coast with an understanding of the potential return on natural capital investment can be used to inform future investments and determine the appropriate scale of conservation activities.

Encouraging investment in natural capital and its stewardship

The information in this report can incentivize and enable private and public investment in natural capital stewardship. Values can be used to show how payments for ecosystem services or investment in natural assets can support jobs, conserve biodiversity, build resiliency, and provide high returns on that investment to a broad spectrum of beneficiaries.

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APPENDIX A. STUDY LIMITATIONS

Valuation exercises have limitations that must be noted, yet these limitations should not detract from the core finding that ecosystems produce significant economic value for society. A benefit transfer analysis estimates the economic value of a given ecosystem (e.g., wetlands) from prior studies of that ecosystem type. Like any economic analysis, this methodology has strengths and weaknesses. Some arguments against benefit transfer include:

- Every ecosystem is unique; per-acre values derived from another location may be irrelevant to the ecosystems being studied.
- Even within a single ecosystem, the value per acre depends on the size of the ecosystem; in most cases, as the size decreases, the per-acre value is expected to increase and vice versa. (In technical terms, the marginal cost per acre is generally expected to increase as the quantity supplied decreases; a single average value is not the same as a range of marginal values).
- To value all, or a large proportion, of the ecosystems in a large geographic area is questionable in terms of the standard definition of exchange value. We cannot conceive of a transaction in which all or most of a large area's ecosystems would be bought and sold. This emphasizes the point that the value estimates for large areas (as opposed to the unit values per acre) are more comparable to national income account aggregates and not exchange values.37 These aggregates (i.e. GDP) routinely impute values to public goods for which no conceivable market transaction is possible. The value of ecosystem services of large geographic areas is comparable to these kinds of aggregates (see below).

Proponents of the above arguments recommend an alternative valuation methodology that amounts to limiting valuation to a single ecosystem in a single location. This method only uses data developed expressly for the unique ecosystem being studied, with no attempt to extrapolate from other ecosystems in other locations. The size and landscape complexity of most ecosystems makes this approach to valuation extremely difficult and costly. Responses to the above critiques can be summarized as follows:

• While every wetland, forest or other ecosystem is unique in some way, ecosystems of a given type, by their definition, have many things in common. The use of average values in ecosystem valuation is no more or less justified than their use in other macroeconomic contexts, such as in the development of economic statistics such as Gross Domestic or Gross State Product.

- As employed here, the prior studies upon which we based our calculations encompass a wide variety of time periods, geographic areas, investigators and analytic methods. Many of them provide a range of estimated values rather than single-point estimates. The present study preserves this variance; no studies were removed from the database because their estimated values were deemed to be "too high" or "too low." Also, only limited sensitivity analyses were performed. This approach is similar to determining an asking price for a piece of land based on the prices of comparable parcels ("comps"): even though the property being sold is unique, realtors and lenders feel justified in following this procedure to the extent of publicizing a single asking price rather than a price range.
- The objection to the absence of even an imaginary exchange transaction was made in response to the study by Costanza et al. of the value of all of the world's ecosystems.38 Leaving that debate aside, one can conceive of an exchange transaction in which, for example, all or a large portion of a watershed might be sold for development, so that the basic technical requirement of an economic value reflecting the exchange value could be satisfied. Even this is not necessary if one recognizes the different purpose of valuation at this scale – a purpose that is more analogous to national income accounting than to estimating exchange values.37

The presentation of our study results clearly displays the range of values and their distribution. The final estimates are not precise; however, it is better to provide estimates than to assume that ecosystem services have zero value or even infinite value. Pragmatically, in estimating the value of ecosystem services, it is better to be approximately right than precisely wrong.

GENERAL LIMITATIONS

- Static Analysis. This analysis is a static, partial equilibrium framework that ignores interdependencies and dynamics, though new dynamic models are being developed. The effect of this omission on valuations is difficult to assess.
- Increases in Scarcity. The valuations probably underestimate shifts in the relevant demand curves as the sources of ecosystem services become more limited. The values of many

ecological services rapidly increase as they become increasingly scarce.39 If ecosystem services are scarcer than assumed, their value has been underestimated in this study. Such reductions in supply appear likely as land conversion and development proceed; climate change may also adversely affect the ecosystems, although the precise impacts are difficult to predict.

GIS LIMITATIONS

- GIS Data. Since this valuation approach involves using benefit transfer methods to assign values to land cover types based, in some cases, on the context of their surroundings, one of the most important issues with GIS quality assurance is reliability of the land cover maps used in the benefits transfer, both in terms of categorical precision and accuracy.
- Scale and Resolution. Developers of Land Cover data typically rely on several data types and sources in its efforts to map and monitor resources over broad landscapes. Hierarchically, these data range in scale from coarse to fine, with widely varying spatial and spectral resolutions. Lower resolution source data may result in inadequate data for high value ecosystem units (i.e., wetland, beach, riparian vegetation). Ecosystem Health. There is the potential that ecosystems identified in the GIS analysis are fully functioning to the point where they deliver higher values than those assumed in the original primary studies. This situation would result in an underestimate of current value. On the other hand, if ecosystems are less healthy than those in primary studies, this valuation overestimates current value.
- Spatial Effects. This ecosystem service valuation assumes spatial homogeneity of services within ecosystems, i.e. that every acre of forest produces the same ecosystem services. This is clearly not the case. Whether this would increase or decrease valuations depends on the spatial patterns and services involved. Resolving this difficulty requires spatial dynamic analysis. More elaborate system dynamic studies of ecosystem services have shown that including interdependencies and dynamics leads to significantly higher values, as changes in ecosystem service levels cascade throughout the economy.39
- Limitations of datasets used to calculate spatial attributes. The Farmland Mapping & Monitoring Program (FMMP) does not map the farmlands (or Urban/Built-up areas) in Del Norte, Humboldt or Trinity counties. Additionally, only partial areas

of Siskiyou and Modoc are mapped, though the non-mapped areas do not contain any urban/ built-up areas of any size nor are areas where agriculture is likely to occur. For counties where no FMMP data exists, the same calculation as described in Table 3 was performed using land cover classification in the CALVEG data instead of the FMMP category. For the urban spatial attribute, the Urban category was used. For the agriculture spatial attribute, the following categories were used: agriculture, cropland, deciduous orchard, dryland grain crops, evergreen orchard, irrigated grain crops, irrigated row and field crops, irrigated hayfield, orchard and vineyard, urban-agriculture, and vineyard.

BENEFIT TRANSFER/ DATABASE LIMITATIONS

- Incomplete coverage. That not all ecosystems have been valued or studied well is perhaps the most serious issue, because it results in a significant underestimate of the value of ecosystem services. More complete coverage would almost certainly increase the values shown in this report, since no known valuation studies have reported estimated values of zero or less for an ecosystem service.
- Selection Bias. Bias can be introduced in choosing the valuation studies, as in any appraisal methodology. The use of ranges partially mitigates this problem.

PRIMARY STUDY LIMITATIONS

- Price Distortions. Distortions in the current prices used to estimate ecosystem service values are carried through the analysis. These prices do not reflect environmental externalities and are therefore again likely to be underestimates of true values.
- Non-linear/Threshold Effects. The valuations assume smooth and/or linear responses to changes in ecosystem quantity with no thresholds or discontinuities. Assuming (as seems likely) that such gaps or jumps in the demand curve would move demand to higher levels than a smooth curve, the presence of thresholds or discontinuities would likely produce higher values for affected services (Limburg et al., 2002). Further, if a critical threshold is passed, valuation may leave the normal sphere of marginal change and larger-scale social and ethical considerations dominate, such as an endangered species listing.

 Sustainable Use Levels. The value estimates are not necessarily based on sustainable use levels. Limiting use to sustainable levels would imply higher values for ecosystem services as the effective supply of such services is reduced. If the above problems and limitations were addressed, the result would most likely be a narrower range of values and significantly higher values overall. At this point, however, it is impossible to determine more precisely how much the low and high values would change.

APPENDIX B. ANNOTATED BIBLIOGRAPHY

 Allen, J., Cunningham, M., Greenwood, A., Rosenthal, L. 1992. The value of California wetlands: an analysis of their economic benefits. The Campaign to Save California Wetlands, Oakland, California.

Land Cover: Saline Herbaceous Wetland

Ecosystem Service: Habitat, Recreation & Tourism, Water Quality

Valuation Method: Benefit Transfer

Location: California

Study Description: This paper reviewed the literature on ecosystem service valuation in California prior to 1992. The authors used the benefit transfer method to estimate the total economic value of California's 454,000 acres of wetlands. Estimates are described with a lower-bound, median, and upperbound. Ecosystem services valued in this study include flood control, groundwater storage, water purification and recreation.

Notes: Despite being a benefit transfer paper, the primary studies used in this article were carefully chosen to represent the Californian region.

 Brander, L.M., Brouwer, R., Wagtendonk, A. 2013. Economic valuation of regulating services provided by wetlands in agricultural landscapes: A meta-analysis. Ecological Engineering 56: 89-96.

Land Cover: Fresh Herbaceous Wetland

Ecosystem Service: Water Capture, Conveyance, and Supply

Valuation Method: Meta-Analysis

Location: United States

Study Description: This paper presents a metaanalysis of the economic valuation literature on ecosystem services provided by wetlands in agricultural landscapes. The study includes values from the United States and Europe with information on site attributes to improve transferability. A meta-regression is used to produce a value function for wetland regulating services that can be transferred based on site attributes. The authors focus on the value of flood control, water supply and nutrient cycling to create a database containing 66 value estimates standardized in USD per hectare per year.

Notes: Applied to wetlands under the agriculture spatial attribute.

 Brander, L.M., Florax, R.J., Vermaat, J.E. 2006. The Empirics of Wetland Valuation: A Comprehensive Summary and a Meta-Analysis of the Literature. Environmental and Resource Economics 33: 223-250.

Land Cover: Fresh Herbaceous Wetland, Saline Herbaceous Wetland

Ecosystem Service: Disaster Risk Reduction, Water Capture, Conveyance, and Supply, Water Quality

Valuation Method: Meta-Analysis

Location: Global

Study Description: This meta-analysis examined 80 studies with sufficient information for statistical analysis to produce a comprehensive review of the valuation literature on wetlands. The authors include information on geography, climate, and socio-economic demographics for each study examined into the meta-analysis. The studies used avoided cost, hedonic pricing, contingent valuation, and market pricing to show the benefits of wetlands as an ecosystem service provider.

 Bridgeham, S.D., Megonigal, J.P., Keller, J.K., Bliss, N.B., Trettin, C. 2006. The carbon balance of North American wetlands. Wetlands 26(4): 889-916.

Land Cover: Fresh Herbaceous Wetland

Ecosystem Service: Climate Stability

Valuation Method: Avoided Cost

Location: Lower 48 United States

Study Description: This study analyzed the carbon balance of wetlands in North America, taking into account published literature and soil databases. The loss of wetlands has had the largest impact on carbon fluxes within Canada, the United States, and Mexico. Six wetland types are analyzed, including peat, freshwater wetlands, saline wetlands, mangroves, and mudflats. The authors estimated that the carbon pool of North America and the annual sequestration rate of different wetland types. The market price for carbon is used to provide a monetary valuation of wetland carbon sequestration.

Notes: This study produces estimates of carbon sequestration in tons of carbon, which are valued using the social cost of carbon.

 Chmura, C., Anisfeld, S.C., Cahoon, D.R., Lynch, J.C. 2003. Global carbon sequestration in tidal, saline wetland soils. Global biogeochemical cycles 17(4): 1-22.

Land Cover: Saline Herbaceous Wetland

Ecosystem Service: Climate Stability

Valuation Method: Avoided Cost

Location: California

Study Description: This study estimated carbon sequestration levels of saline wetlands. Wetlands are known to be immense carbon sinks which play an important role in global carbon cycles. The authors collected data at 154 sites globally on carbon data of mangroves and salt marshes. The authors found that soil carbon density in mangroves is significantly higher than in salt marshes. However, carbon sequestration rates were similar between the two types of wetlands. Carbon density and sequestration both range with annual temperature and other climatic parameters.

Notes: This study produces estimates of carbon sequestration in tons of carbon, which are valued using the social cost of carbon.

 Colby, B., Smith-Incer, E. 2005. Visitor Values and Local Economic Impacts of Riparian Habitat Preservation: California's Kern River Preserve. American Water Resources Association 41 (3): 709-717.

Land Cover: Fresh Herbaceous Wetland

Ecosystem Service: Recreation & Tourism

Valuation Method: Contingent Valuation

Location: Kern River Preserve, California

Study Description: This study estimates the value of recreation in the Kern River Preserve

(KRP). The KRP is located in the South Fork Kern River Valley, 57 miles northeast of Bakersfield, California. With an estimated 6,000 to 8,000 visitors a year, recreational activities include bird watching, rafting, and boating. The river is home to California's largest lowland riparian forest and is one of the first Globally Important Bird Areas designated in the United States. It is a traditionally rural region. The focus of the study, however, is on bird watching as it is the primary recreational activity, attracting well-educated, high-income visitors. The contingent valuation survey asked how much people would be willing to donate to promote regional water conservation in order to prevent stream flows from being diminished, leading to habitat degradation and reduced numbers and diversity of birds and other wildlife.

Notes: Applicable to general forest types within riparian corridors.

 Comello, S.D., Maltais-Landry, G., Schwegler, B.R., Lepech, M.D. 2014. Firm-level ecosystem service valuation using mechanistic biogeochemical modeling and functional substitutability. Ecological Economics 100: 63-73.

Land Cover: Bay/Estuary

Ecosystem Service: Water Quality

Valuation Method: Replacement Cost

Location: Outer Bolsa Bay, California

Study Description: This study examined natural and engineered systems of phosphorus removal in wetlands in Southern California. The Outer Bolsa Bay is a 25 hectare tidal estuary in the southwest of the Bolsa Chica Ecological Reserve in Huntington Beach, CA. The biogeochemical model developed for this analysis simulated ecosystem performance of phosphorus removal under various nutrient loading conditions. This modeled data is combined with replacement costs to derive a value for the ecosystem service.

 Cooper, J., Loomis, J.B. 1991. Economic value of wildlife resources in the San Joaquin Valley: Hunting and viewing values. In: Dinar, A. Zilberman, D (eds). The Economics and Management of Water and Drainage in Agriculture. Kluwer Academic Publishers, Norwell, Massachusetts.

Land Cover: Fresh Herbaceous Wetland

Ecosystem Service: Recreation & Tourism

Valuation Method: Travel Cost

Location: San Joaquin Valley, California

Study Description: This study estimates the recreational value of San Joaquin Valley agricultural drainage areas or wetlands where wildlife is found and recreational activities take place. The San Joaquin Valley is an important agricultural area in California, but is also a hub for waterfowl hunting and bird watching. Willingness to pay was calculated through a survey distributed throughout the whole state of California asking questions on recreational trips and willingness to pay. Values are published for each of seven Wildlife Areas or National Wildlife Refuges in the state of California.

 Costanza, R., Wilson, M., Troy, A., Voinov, A., Voinov, A., Liu, S., D'Agostino, J. 2006. The Value of New Jersey's Ecosystem Services and Natural Capital. New Jersey Department of Environmental Protection, Trenton, New Jersey.

Land Cover: Agriculture, Bay/Estuary, Beach, Coniferous Forest, Deciduous Forest, Mixed Forest, Grassland, Lake, Wetland

Ecosystem Service: Soil Quality, Water Capture, Conveyance, and Supply, Soil Formation, Water Storage

Valuation Method: Benefit Transfer

Location: New Jersey

Study Description: This report concludes a two year study evaluating the economic value of New Jersey's natural capital. The authors compile 94 studies to identify and calculate ecosystem services within the state. The study is a comprehensive analysis of the state of New Jersey's natural capital. This provides a conservative baseline for land use planning and policy. Each ecosystem service value is shown as dollars per acre per year. A discussion of potential and limitations provides information on data gaps and availability and the need for future research to enhance current values.

 Creel, M., Loomis, J.B. 1992. Recreation Value of Water to Wetlands in the San Joaquin Valley: Linked Multinomial Logit and Count Data Trip Frequency Models. Water Resources Research 28 (10): 2597-2606.

Land Cover: Fresh Herbaceous Wetland

Ecosystem Service: Recreation & Tourism

Valuation Method: Travel Cost

Location: Kern and Pixley National Wildlife Refuges

Study Description: This study estimates the recreational benefits from providing increased quantities of water to wildlife and fisheries habitats. The study covers fourteen recreational sites in the San Joaquin Valley, including the National Wildlife Refuges, the State Wildlife Management Areas, and six adjacent river destinations. The authors valued waterfowl hunting, fishing, and wildlife viewing as ecosystem services. The authors provided results in dollar value per acre foot of water and concluded that the value of water is affected by the total supply of water to the recreational site.

Notes: Used in the riparian spatial attribute.

11. Delfino, K., Skuja, M., Albers, D. 2007. Economic Oasis: Revealing the True Value of the Mojave Desert. Defenders of Wildlife, Washington, D.C.

Land Cover: River

Ecosystem Service: Water Storage

Valuation Method: Market Price

Location: Mojave Desert in San Bernardino, Inyo, Riverside, and Kern Counties, California

Study Description: This paper examines the market and nonmarket values of the Mojave Desert. The Mojave Desert comprises nearly 20 million acres in southeastern California, southwestern Arizona, and southwestern Nevada. The authors attempted to strike a balance between financial incentives and environmental impact by examining recreation, aesthetic value, military, and filming expenditures within the desert. The report found that these industries provided funding for economic development with little impact to the natural ecosystems. Other ecosystem services valued in the region include greenhouse gas mitigation and water conveyance and supply.

 DeLonge, M.S., Ryals, R., Silver, W. 2013. A Lifecycle Model to Evaluate Carbon Sequestration Potential and Greenhouse Gas Dynamics of Managed Grasslands. Ecosystems 16: 962-979.

Land Cover: Grassland

Ecosystem Service: Climate Stability

Valuation Method: Avoided Cost

Location: California

Study Description: The authors designed a field-scale model that quantifies greenhouse gas emissions (CO2, CH4, and N2O) from the production, application, and ecosystem response of soil amendments. This model developed case studies for grazed annual grasslands for Marin and Yuba counties in California. The authors are able to show that while manure emits larger amounts of greenhouse gases than fertilizers, the composting of manure and vegetation can offset much of the emissions. The results indicate a savings of 23 Mg CO2/ Ha over a three year period, compared to a 14 Mg CO2 emission over that same period without proper management of waste.

Notes: Valued both coastal and valley sites. Coastal site values were applied to the coastal spatial attribute only. This study produces estimates of carbon sequestration in tons of carbon, which are valued using the social cost of carbon.

 Duarte, C.M., Middelburg, J.J., Caraco, N. 2004. Major role of marine vegetation on the oceanic carbon cycle. Biogeosciences Discussions, European Geosciences Union 1 (1): 659-679.

Land Cover: Bay/Estuary

Ecosystem Service: Climate Stability

Valuation Method: Avoided Cost

Location: Global

Study Description: This paper examined the carbon sequestration capabilities of global marine vegetation and soil. The analysis considers coastal ecosystems such as sea grass meadows, salt marshes, and mangrove forests along ocean coasts, which provide this regulating service. The report used biophysical data to show changes in sequestration rates across varying land covers. The results show that the total sequestration from underwater vegetation and soil sources could be double that of current global carbon sequestration estimates.

Notes: This study produces estimates of carbon sequestration in tons of carbon, which are valued using the social cost of carbon.

14. EcoAgriculture Partners. 2011. Farm of the Future: Working lands for ecosystem services. USDA, Washington, D.C.

Land Cover: Fresh Herbaceous Wetland, Pasture, Shrubland

Ecosystem Service: Habitat

Valuation Method: Avoided Cost

Location: Yolo County, California

- Study Description: This document shows a management regime for the Sacramento River Ranch Farm. This 3,960 acre farm is located along the Sacramento River in Northern California. The farm provides environmental credits in wetland and shrub land cover types with an emphasis on habitat restoration, which creates a funding mechanism for the services provided to downstream users of the Sacramento River. The Sacramento River Ranch Farm sells developmental rights from their land to local funders and developers as environmental credits for conservation easement, providing market prices for ecosystem services.
- Eiswerth, M.E., Donaldson, S.G., Johnson, D.M. 2000. Potential Environmental Impacts and Economic damages of Eurasian Watermilfoil (*Myriophyllum spicatum*) in Western Nevada and Northeastern California. Weed Science 14: 511-518.

Land Cover: Lake

Ecosystem Service: Recreation & Tourism

Valuation Method: Travel Cost

Location: Truckee River Watershed in California and Nevada

Study Description: This paper estimated the value of recreational service flows from the Truckee River watershed below Lake Tahoe. The Truckee River watershed drainage area is estimated at over 3,120 square miles in California and Nevada. The study examined the impact of an increase in Eurasian watermilfoil on water-based recreation activities. The authors combined benefit transfer values with recreation visitation records to create a lower-bound estimate of recreational values from the river. The authors show that an increase in Eurasian watermilfoil can decrease recreational activities and value.

 Faux, J., Perry, G.M. 1999. Estimating Irrigation Water Value Using Hedonic Price Analysis: A Case Study in Malheur County Oregon. Land Economics 75(3): 440-452.

Land Cover: Cropland

Ecosystem Service: Food

Valuation Method: Market Price

Location: Treasure Valley, Oregon

Study Description: This study examines the water demand in the western United States. Treasure Valley within Malheur County in Oregon contains vast amounts of farmland irrigated by the Malheur and Owyhee rivers. The authors demonstrated the application of hedonic price analysis in estimating the value of water for irrigation. Other attributes of the land are included in the hedonic analysis, including soil quality, which is determined to be a significant factor in agricultural land value.

 Gascoigne, W., Hoag, D., Koontz, L., Tangen, B., Shaffer, T., Gleason, R. 2011. Valuing ecosystem and economic services across land-use scenarios in the Prairie Pothole Region of the Dakotas, USA. Ecological Economics 70(10): 1715-1725.

Land Cover: Grassland

Ecosystem Service: Soil Retention

Valuation Method: Avoided Cost

Location: North and South Dakota

Study Description: This study looks at land-use change scenarios where native prairies are converted to farmland and other land covers. It models biophysical changes in specific sites and counties and attributes economic values derived from other studies, but adjusted to local bio-geographical characteristics. It concludes that large investments in native prairie conservation would provide over \$1 billion of benefits to society over 20 years. The largest benefits arise from increases in carbon sequestration, followed by additional waterfowl.

 Hill, B.H., Kolka, R.K., McCormick, F.H., Starry, M.A. 2013. A synoptic survey of ecosystem services from headwater catchments in the United States. Ecosystem Services 7: 106-115.

Land Cover: Coniferous Forest, Deciduous Forest, Mixed Forest

Ecosystem Service: Water Quality, Water Capture, Conveyance, and Supply

Valuation Method: Avoided Cost, Market Price

Location: West Coast of the U.S.

Study Description: This paper examined the contribution of headwater streams and catchments with downstream ecosystems in the United States. Given the importance of these regions, concern about the underestimation of these zones has emerged. Catchment extent is determined using data derived from the National Hydrography Dataset throughout the lower 48 United States. Production functions are created for water supply, climate regulation, and water purification and their results reported for nine USA ecoregions. Ecosystem service values are presented in dollars per hectare per year and annual totals.

 Ingraham, M., Foster, S. 2008. The value of ecosystem services provided by the U.S. National Wildlife Refuge System in the contiguous U.S. Ecological Economics 67: 608-618.

Land Cover: Fresh Herbaceous Wetland, Saline Herbaceous Wetland

Ecosystem Service: Disaster Risk Reduction, Water Quality

Valuation Method: Meta-Analysis

Location: United States Wildlife Refuges

Study Description: This report estimates the total economic value of ecosystem services provided by the U.S. Wildlife Refuge System. The authors identified ecosystems present in the Refuge System within the contiguous U.S. and calculate the value of the associated services. The methods of valuation included direct, indirect, and contingent valuations. The authors transferred averaged values from site-specific primary studies to fungible ecoregions to provide ecosystem services values for the U.S. Wildlife Refuge System.

 Kildow, J.T., Colgan, C.S. 2005. California's Ocean Economy. National Ocean Economics Program, Center for the Blue Economy, Middlebury Institute of International Studies at Monterey, Monterey, California.

Land Cover: Marine

Ecosystem Service: Food, Navigation

Valuation Method: Market Price

Location: California

Study Description: The authors estimate economic value of California's Ocean Economy. California's coast stretches roughly 840 miles and contains 80% of all economic activity for the state of California. The authors examined six marine-related industries in the state of California, including coastal construction, living resources, offshore minerals, ship and boat building and repair, maritime transportation and ports, and coastal tourism and recreation. Methods for valuation included market price and benefit transfer to calculate total values for California's coast.

Notes: Only the fisheries and navigation values were used in this report.

21. King, P.G. 2001. Economic Analysis of Beach Spending and the Recreational Benefits of Beaches in the City of San Clemente. San Francisco State University, San Francisco, CA.

Land Cover: Beach

Ecosystem Service: Recreation & Tourism

Valuation Method: Travel Cost

Location: San Clemente, California

Study Description: King conducted a survey of beach visitors in the city of San Clemente, California. San Clemente maintains nearly 10 square miles of beaches, attracting visitors from around the state. Results showed that most visitors lived in the city or within 20 miles of the city. A travel cost model was used to determine consumer surplus for a beach day for the high season and off season. Market values related to recreation are also estimated, including expenditures, revenues, and costs for beach maintenance.

 Leschine, T.M., Wellman, K.F., Green, T.H. 1997. The Economic Value of Wetlands: Wetlands' Role in Flood Protection in Western Washington. Washington State Department of Ecology – Northwest Regional Office, Bellevue, Washington.

Land Cover: Fresh Herbaceous Wetland

Ecosystem Service: Disaster Risk Reduction

Valuation Method: Replacement Cost

Location: Snohomish and King Counties, Washington

Study Description: This study highlights the importance of flood-mitigating wetlands in Western Washington. Sites analyzed include Scriber Creek in Lynwood, a 5.1-mile-long stream emptying into a wetland of about 6.8 square miles in a highly urbanized and developing community. Flooding along rivers and streams in the lowlands of Western Washington has been increasingly frequent. The authors use cost estimates for engineered hydrologic enhancements to wetlands currently providing flood protection as proxies for the value of the flood protection these same wetlands currently provide. The argument is illustrated by estimating the dollar-per-acre values of wetlands systems for flood protection.

Notes: The study area is heavily developed. These values were only used in the urban spatial attribute.

 Lew, D.K., Larson, D.M. 2005. Valuing Recreation and Amenities at San Diego County Beaches. Coastal Zone Management Journal 33: 71-86.

Land Cover: Beach

Ecosystem Service: Recreation & Tourism

Valuation Method: Travel Cost

Location: San Diego County, California

Study Description: This study presents the recreational benefits provided by beaches in San Diego County. The authors create a recreation demand model that shows a beach user's choice based on which beach, number of visitor days, beach closures, and beach amenities. Visitors spend roughly \$1.7 billion per year in coastal beach communities in San Diego County. The paper analyzes the threat of water pollution on recreation activities and the loss in economic activity from degrade beach water quality from stormwater runoff, sewage spills, lagoon openings, and outflow from the Tijuana River.

 Liu, S., Liu, J., Young, C.J., Werner, J.M., Wu, Y., Li, Z., Dahal, D., Oeding, J., Schmidt, G., Sohl, T.L., Hawbaker, T.J., Sleeter, B.M. 2012. Chapter 5: Baseline carbon storage, carbon sequestration, and greenhouse-gas fluxes in terrestrial ecosystems of the western United States. In: Zhu, Z. Reed, B.C. (eds). Baseline and projected future carbon storage and greenhouse-gas fluxes in ecosystems of the western United States. USGS Professional Paper 1797.

Land Cover: Cropland, Fresh Herbaceous Wetland, Grassland, Pasture, Shrubland

Ecosystem Service: Climate Stability

Valuation Method: Avoided Cost

Location: Various locations in the western U.S., including California

Study Description: This chapter describes the modeling and analysis of baseline carbon storage and carbon flux in ecosystems of the western United States. The authors include all of California, Oregon, Washington, Idaho, Nevada, Utah, Arizona and parts of Montana, Wyoming, Colorado, New Mexico, and Texas in the analysis. Land-use and land-cover mapping and modeling results are used to assess the carbon sequestration and storage levels. The results are provided in the amount of CO2 sequestered by land cover.

Notes: This study produces estimates of carbon sequestration in tons of carbon, which are valued using the social cost of carbon.

 McPherson, E.G., Scott, K.I., Simpson, R.D. 1998. Estimating cost effectiveness of residential yard trees for improving air quality in Sacramento, California, using existing models. Atmospheric Environment 32 (1): 75-84.

Land Cover: Coniferous Forest, Deciduous Forest, Mixed Forest

Ecosystem Service: Air Quality

Valuation Method: Avoided Cost

Location: Sacramento, California

Study Description: This study examined the air quality improvements from urban trees and forests. Sacramento has an estimated population of about 470,000 and covers an area of 100 square miles. It has a Mediterranean climate, characterized by damp to wet, mild winters and hot, dry summers. Sacramento's Shade program will result in the planting of 500,000 trees. Sampling a wide variety of plots throughout urban regions in Sacramento, the authors estimated the pollution mitigation benefit of urban trees. A cost analysis is conducted to determine if shade trees planted in residential yards can be a cost effective means to improve air quality. The authors used deterministic models to estimate pollutant deposition and biogenic hydrocarbon emissions estimated annually for 30 years in California.

Notes: Applicable to urban forests.

 McPherson, E.G., Simpson, J.R., Peper, P.J., Xiao, Q. 1999. Benefit-Cost Analysis of Modesto's Municipal Urban Forest. Arboriculture 25(5): 235-248. Land Cover: Mixed Forest

Ecosystem Service: Aesthetic Information; Air Quality; Water Capture, Conveyance, and Supply

Valuation Method: Hedonic Pricing, Avoided Cost

Location: Modesto, California

Study Description: This benefit-cost analysis examined the effects of urban forest on Modesto's municipal budget. Modesto is a 9,000 ha city in the central valley of California. The authors calculated a total benefit from Modesto's urban forest through replacement cost of the services provided by urban trees. The benefits received from urban forestry include heatisland reduction (cooler temperatures from increased shade), reduced stormwater runoff and greenhouse gas seguestration and storage.

Notes: Applicable to urban forests.

 McPherson, G. E., Simpson, R. D. 2002. A Comparison of Municipal Forest Benefits and Costs in Modesto and Santa Monica, California, USA. Urban Forestry & Urban Greening. 1: 61-74.

Land Cover: Coniferous Forest, Deciduous Forest, Mixed Forest

Ecosystem Service: Aesthetic Information; Air Quality; Water Capture, Conveyance, and Supply

Valuation Method: Hedonic Pricing, Avoided Cost

Location: Modesto, CA and Santa Monica, CA

Study Description: The authors compare functions and values of urban tree populations in Modesto and Santa Monica, California. Modesto and Santa Monica have extensive tree planting programs. Modesto is in a central valley and has a population of 182,000 within 9,000 ha. Santa Monica is on the Pacific Ocean, has a population of 92,000 within 2,000 ha. The authors applied spatial modeling to tree inventory data to estimate the total nonmarket benefits. Most benefits were from the aesthetic value of trees, while the majority of costs were from pruning trees and foliage. Benefits and costs were unevenly distributed throughout each city, largely because of variation in tree sizes and growth rates, prices, residential property values, and climate.

Notes: Applicable to urban forests.

 Moore, R.G., McCarl, B.A. 1987. Off-Site Costs of Soil Erosion: A Case Study in the Willamette Valley. Western Agricultural Economics Association 12 (1): 42-49. Land Cover: Coniferous Forest, Deciduous Forest, Mixed Forest, Cropland

Ecosystem Service: Soil Retention

Valuation Method: Avoided Cost

Location: Willamette Valley, Oregon

Study Description: This study aims to express the marginal cost of erosion in Oregon's Willamette Valley. The costs evaluated are water treatment; road, river channel, and dam maintenance; and hydroelectric generation. By examining avoided costs of a reduction in erosion, this study shows that reduction in erosion provides substantial economic benefits.

 Nellemann, C., Corcoran, E., Duarte, C.M., Valdés, L., De Young, C., Fonseca, L., Grimsditch, G. (Eds). 2009. Blue Carbon. A Rapid Response Assessment. United Nations Environment Programme, GRID-Arendal, www.grida.no.

Land Cover: Marine

Ecosystem Service: Climate Stability

Valuation Method: Avoided Cost

Location: Global

Study Description: This study focuses on the carbon sequestration and storage capabilities of marine sources. Marine life plays a significant role in the global carbon cycle. Around 55% of all biological carbon (green carbon) is captured by marine living organisms, and defined as blue carbon. The authors point to mangroves, salt marshes, and seagrasses as a source for 71% of all carbon storage from ocean sediments. This documents expresses the importance of coastal and marine ecosystems in greenhouse gas mitigation.

Notes: This study produces estimates of carbon sequestration in tons of carbon, which are valued using the social cost of carbon.

 O'Higgins, T.G., Ferraro, S.P., Dantin, D.D., Jordan, S.J., Chintala, M.M. 2010. Habitat scale mapping of fisheries ecosystem service values in estuaries. Ecology and Society 15(4): 7-28.

Land Cover: Bay/Estuary

Ecosystem Service: Food

Valuation Method: Market Price

Location: Yaquina Bay, Oregon

Study Description: This study presents a standardized method which combines

habitat mapping with ecosystem service values. The method is used for three case studies in Yaquina Bay, Oregon, Weeks Bay, Alabama, and Lagoon Pond, Massachusetts. Ecosystem service value for recreational and commercial fisheries is analyzed through this method, which utilizes consumer surplus values. Results are broken down by land cover type within the study sites to highlight different characteristics of the study sites.

Notes: Only the value from Oregon was used in this study.

 Pendleton, L., Mohn, C., Vaughn, R.K., King, P., Zoulas, J.G. 2012. Size Matters: The Economic Value of Beach Erosion and Nourishment in Southern California. Contemporary Economic Policy 30 (2): 223-237.

Land Cover: Beach

Ecosystem Service: Recreation and Tourism

Valuation Method: Travel Cost

Location: Orange and Los Angeles Counties, California

Study Description: This study investigates the welfare benefits of increased beach width. Despite widespread beach nourishment programs in California, the benefits of such management is unknown. Beaches in Los Angeles and Orange County in California are examined. A model is developed which quantifies recreation benefits as a function of beach width and other attributes.

 Pimentel, D., Harvey, C., Resosudarmo, P., Sinclair, K., Kurz, D., McNair, M., Crist, S., Shpritz, L., Fitton, L., Saffouri, R., Blair, R. 1995. Environmental and economic costs of soil erosion and conservation benefits. Science 267: 1117-1122.

Land Cover: Cropland

Ecosystem Service: Soil Retention

Valuation Method: Avoided Cost

Location: United States

Study Description: This paper examines the costs of soil erosion related to agricultural productivity. The authors note that soil erosion reduces soil fertility and crop productivity. Agricultural practices can be implemented to reduce erosion and conserve water and soil resources. The study concludes that there are \$44 billion in damages due to erosion. The authors estimate that a \$6.4 billion investment per year is essential to reduce erosion rates to sustainable levels.

Notes: Applicable to general cultivated lands.

 Pimentel, D., Wilson, C., McCullum, C., Huang, J., Paulette, D., Flack, J., Tran, Q., Saltman, T., Cliff, B. 1997. Economic and Environmental Benefits of Biodiversity. BioScience 47(11): 747-757.

Land Cover: Coniferous Forest, Deciduous Forest, Mixed Forest, Cropland

Ecosystem Service: Biological Control, Soil Formation

Valuation Method: Avoided Cost, Replacement Cost

Location: United States

Study Description: This article discusses ecosystem services of the United States which are enhanced by biodiversity. A coarse economic analysis is performed using existing literature. The economic and environmental benefits are evaluated of ecosystem services such as biomass and organic waste recycling, soil formation, nitrogen fixation, bioremediation of chemical pollution, genetic resources and crop and livestock yields, biotechnology, biological pest control, perennial grains, pollination, habitat and ecotourism, pharmaceuticals, and carbon sequestration.

 Pimentel, D. 1998. Economic and Environmental Benefits of Biological Diversity in the State of Maryland. Maryland Department of Natural Resources, Annapolis, MD.

Land Cover: Coniferous Forest, Deciduous Forest, Mixed Forest, Cropland, Pasture

Ecosystem Service: Biological Control, Soil Formation, Food

Valuation Method: Avoided Cost, Replacement Cost, Market Price

Location: Maryland

Study Description: Pimentel estimates the annual economic and environmental benefits of biodiversity in the state of Maryland. Primary research and published literature are used to produce economic values for several ecosystem services including soil formation, pollination, recreation, and waste treatment.

35. Rein, F.A. 1999. An economic analysis of vegetative buffer strip implementation. Case

study: Elkhorn Slough, Monterey Bay, California. Coastal Management 27(4): 377-390.

Land Cover: Grassland

Ecosystem Service: Biological Control, Disaster Risk Reduction, Soil Retention, Water Quality

Valuation Method: Avoided Cost

Location: Elkhorn Slough Watershed, California

Study Description: This study investigates the economics of implementing vegetative buffer strips as a tool to protect water quality from nonpoint pollution. The study site examined in this paper is Elkorn Slough, California's first National Estuarine Research Reserve. The authors evaluate environmental costs and benefits of implementing vegetative buffer strips in this area as a means of capturing nonmarket ecosystem service values to inform decision making. Benefits evaluated include tourism, commercial fisheries, long-term road maintenance, and harbor protection using replacement cost and market pricing methods.

 Richer, J. 1995. Willingness to Pay for Desert Protection. Contemporary Economic Policy 13(4): 93-104.

Land Cover: Shrubland

Ecosystem Service: Recreation & Tourism

Valuation Method: Contingent Valuation

Location: California

Study Description: This paper examines the impact of increasing national park and wilderness areas in the Mojave Desert within California. The California Protection Act, which was under review during the writing of this paper, would add an additional 3 million acres to the national parks system and 4 million acres of wilderness areas protected outside the parks. The author conducts a dichotomous choice contingent valuation to examine the willingness to pay for the implementation of the California Desert Protection Bill, which is a proxy for increased environmental quality and recreation activities.

 Ryals, R., Silver, W.L. 2013. Effects of organic matter amendments on net primary productivity and greenhouse gas emissions in annual grasslands. Ecological Applications 23 (1): 46-59.

Land Cover: Grassland

Ecosystem Service: Climate Stability

Valuation Method: Avoided Cost

Location: California

Study Description: Ryals and Silver examine the efficacy of amending grasslands with organic waste to increase carbon storage and greenhouse gas mitigation. The sites chosen for study are valley grasslands located in Browns Valley, California and coastal grasslands in Nicasio, California. The authors used field manipulations to determine these effects on net primary production and greenhouse gas emissions over three years.

Notes: This study produces estimates of carbon sequestration in tons of carbon, which are valued using the social cost of carbon.

 Shaw, M.R., Pendleton, L., Cameron, D., Morris, B., Bratman, G., Bachelet, D., Klausmeyer, K., MacKenzie, J., Conklin, D., Lenihan, J., Haunreiter, E., Daly, C. 2009. The Impact of Climate Change on California's Ecosystem Services. California Climate Change Center, Sacramento, CA.

Land Cover: Grassland

Ecosystem Service: Food

Valuation Method: Market Price

Location: California

Study Description: California benefits from a wide range of ecosystem services. This paper examines the changes in these services due to climate change. The primary objective for the study is to examine the changes in carbon sequestration, forage production, water quantity for salmon production and water quantity (snow) for recreational skiing values due to changes in the climate. The authors accomplish this by modeling spatial projections of ecosystem services by monetizing the value of the service under multiple scenarios.

 Smith, J.E., Heath, L.S., Skog, K.E., Birdsey, R.A. 2006. Methods for calculating forest ecosystem and harvested carbon with standard estimates for forest types of the United States. USDA Forest Service Northeastern Research Station, General technical report NE-343.

Land Cover: Coniferous Forest, Deciduous Forest

Ecosystem Service: Climate Stability

Valuation Method: Avoided Cost

Location: Southwest U.S.

Study Description: This study calculates the average net annual additions to carbon in forest and in forest products. The authors develop carbon yield tables for 51 forest types within 10 regions of the United States that includes calculations for carbon sequestration in harvested wood products. The results are intended to be applied to inventories to estimate the total carbon sequestration of all wood types and products.

Notes: This study produces estimates of carbon sequestration in tons of carbon, which are valued using the social cost of carbon.

40. Thompson, R., Hanna, R., Noel, J., Piirto, D. 1999. Valuation of tree aesthetics on small urbaninterface properties. Aboriculture 25(5): 225-234.

Land Cover: Coniferous Forest

Ecosystem Service: Aesthetic Information

Valuation Method: Hedonic Pricing

Location: Lake Tahoe Basin, California

Study Description: Healthy, attractive forests add to property values, but a multitude of stressed threaten the sustainability of forests. This study analyzes the effect of forest condition on urban-wildland interface properties in the Lake Tahoe Basin of California. Stand density index (SDI) and tree health were estimated to measure forest quality and used in a hedonic pricing model to show the influence of tree stands on property value.

41. Trust for Public Land. 2011. The Economic Benefits of Seattle's Park and Recreation System. Trust for Public Land, Seattle, WA.

Land Cover: Grassland

Ecosystem Service: Water Quality

Valuation Method: Avoided Cost

Location: King County, Washington

Study Description: The goal of this report is to determine the economic benefits of Seattle's park system, which includes more than 5,400 acres within city boundaries. The study assesses seven major factors which contribute to the park system's value: property value, tourism, direct use, health, community cohesion, clean water, and clean air. These factors are enumerated based on direct income to the city's treasury, increased property values, resident savings, and health benefits. Wade, W. W., McCollister, G. M., McCann, R. J., Johns, G. M. 1989. Recreation Benefits for California Reservoirs: A multi-scale facilities-augmented gravity travel cost model. Spectrum Economics, Inc., Palo Alto, CA.

Land Cover: Reservoir

Ecosystem Service: Recreation & Tourism

Valuation Method: Travel Cost

Location: California

Study Description: This report estimates the recreational benefit of lakes and reservoirs in the state of California. Eighty-three fresh lakes and reservoirs and three recreation activities are included in the analysis. The authors develop a gravity travel cost model to estimate the benefits of recreation to users of these lakes.

 Ward, F. A., Roach, B. A., Henderson, J. 1996. The economic value of water in recreation: Evidence from the California drought. Water Resources Research 32(4): 1075-1081.

Land Cover: Reservoir

Ecosystem Service: Recreation & Tourism

Valuation Method: Contingent Valuation

Location: California

Study Description: One obstacle to efficient management of reservoir systems is the lack of information on how recreational values change with reservoir levels. This study aims to address this gap in information by evaluating evidence from the 1985-1991 California drought. The study site includes Army Corps of Engineers reservoirs in the Sacramento district of California. Surveys were conducted during the early part of the drought, and a regional travel cost model was developed to estimate the values of water recreation at these lakes.

44. Woodward, R., Wui, Y. 2001. The economic value of wetland services: a meta-analysis. Ecological Economics 37(2): 257-270.

Land Cover: Fresh Herbaceous Wetland, Saline Herbaceous Wetland

Ecosystem Service: Food, Water Capture, Conveyance, and Supply, Water Quality

Valuation Method: Meta-Analysis

Location: Global

Study Description: The purpose of this analysis is to evaluate the relative value of different

wetland services, the sources of bias in wetland valuation, and the returns to scale exhibited in wetland values. A meta-analysis is conducted from 39 studies, including published reports, gray literature, and theses, which had sufficient information. The meta-analysis predicted ecosystem values per acre for flood risk reduction, water quality, recreation activities, commercial fishing, storm buffering, and habitat.

45. Zavaleta, E. 2000. The Economic Value of Controlling an Invasive Shrub. A Journal of the Human Environment 29(3): 462-467.

Land Cover: Shrubland

Ecosystem Service: Disaster Risk Reduction, Water Capture, Conveyance, and Supply

Valuation Method: Avoided Cost

Location: Arizona, California, Colorado, Nevada

Study Description: This article evaluates the economic impacts of tamarisk, an invasive shrub, on the provisioning of ecosystem services. Tamarisk has invaded most riparian areas of arid and semi-arid regions of western USA. Impacts due to tamarisk include increases to sedimentation, flood risks, and replacing vegetation which consumes less water - with significant economic implications for a region in which water is scarce. The value of the absence of invasive species was derived by calculating the avoided cost of having to remove and control for them.

APPENDIX C. VALUATION TABLES

Table 1. Framework of ecosystem goods and services

Good/Service	Economic Benefit to People
Provisioning Services	
Food	Producing crops, fish, game, and fruits
Medicinal Resources	Providing traditional medicines, pharmaceuticals, and assay organisms
Ornamental Resources	Providing resources for clothing, jewelry, handicrafts, worship, and decoration
Energy and Raw Materials	Providing fuel, fiber, fertilizer, minerals, and energy
Water Storage	The quantity of water held by a water body (surface or ground water) and its capacity to provide water supply reliability.
Regulating Services	
Air Quality	Providing clean, breathable air
Biological Control	Providing pest and disease control
Climate Stability	Supporting a stable climate at global and local levels through carbon sequestration and other processes
Disaster Risk Reduction	Preventing and mitigating natural hazards such as floods, hurricanes, fires, and droughts
Pollination and Seed Dispersal	Pollination of wild and domestic plant species
Soil Formation	Creating soils for agricultural and ecosystems integrity; maintenance of soil fertility
Soil Quality	Improving soil quality by decomposing human and animal waste and removing pollutants
Soil Retention	Retaining arable land, slope stability, and coastal integrity
Water Quality	Improving water quality by decomposing human and animal waste and removing pollutants
Water Capture, Conveyance, and Supply	Providing natural irrigation, drainage, groundwater recharge, river flows, drinking water supply, and water for industrial use.
Navigation	Maintaining water depth that meets draft requirements for recreational and commercial vessels
Supporting Services	
Habitat and Nursery	Maintaining genetic and biological diversity, the basis for most other ecosystem
	functions; promoting growth of commercially harvested species
Information Services	
Aesthetic Information	Enjoying and appreciating the presence, scenery, sounds, and smells of nature
Cultural Value	Using nature as motifs in art, film, folklore, books, cultural symbols, architecture, media, and for religious and spiritual purposes
Recreation and Tourism	Experiencing the natural world and enjoying outdoor activities
Science and Education	Using natural systems for education and scientific research

Table 2. CALVEG types and land cover categories used in this valuation

Calveg Regional Description	Land Cover Type Assigned for This Analysis
Barren	Barren
Dune	Barren
High Water Line/Gravel/Sand Bar	Barren
Playa	Barren
Snow/Ice	Barren
Tilled Earth	Barren
Urban-related Bare Soil	Barren
Bay or Estuary	Bay/Estuary
Beach Sand	Beach
Baker Cynress	Coniferous Forest
Pacific Douglas-Fir	Coniferous Forest
White Fir	Coniferous Forest
Rishon Pine	Coniferous Forest
Nouglas-Fir - White Fir	Coniferous Forest
Eastsido Pino	Coniferous Forest
	Coniferous Forest
Infrov Dino	Coniference Earcet
Jenney Fille Lodgopolo Dipo	Coniference Earcest
Ludychule Fille	Coniference Forest
Mixeu Culliel - Fil	Coniference Forest
Douglas-Fir - Grand Fir	
Douglas-Fir - Ponderosa Pine	
Mixed Loniter - Pine	
Monterey Pine	Loniferous Forest
Ponderosa Pine	Coniferous Forest
Ponderosa Pine - White Fir	Coniferous Forest
Red Fir	Coniferous Forest
Redwood	Coniferous Forest
Foxtail Pine	Coniferous Forest
Grand Fir	Coniferous Forest
Gray Pine	Coniferous Forest
Incense Cedar	Coniferous Forest
Subalpine Conifers	Coniferous Forest
Ultramafic Mixed Conifer	Coniferous Forest
Western White Pine	Coniferous Forest
Klamath Mixed Conifer	Coniferous Forest
Knobcone Pine	Coniferous Forest
Yellow Pine - Western Juniper	Coniferous Forest
McNab Cypress	Coniferous Forest
Monterey Cypress	Coniferous Forest
Western Juniper	Coniferous Forest
Mountain Hemlock	Coniferous Forest
Non-Native/Ornamental Conifer	Coniferous Forest
Redwood - Douglas-Fir	Coniferous Forest
Sitka Spruce	Coniferous Forest
Sitka Spruce - Grand Fir	Coniferous Forest
Sitka Spruce - Redwood	Coniferous Forest
Port Orford Cedar	Coniferous Forest
Pyamy Cynress	Coniferous Forest
Sargent Cypress	Conjferous Forest
Shore Pine	Coniferous Forest
	Coniferous Forest
Whitebark Pine	Coniferous Forest
Agriculturo (Goporal)	
Ayricullure (berlefal)	cruptalla

	Land Cover Type Accided
Calveg Regional Description	for This Analysis
Conifer Anriculture (Xmas Trees)	Cronland
Flooded Row Cron Agriculture	Cronland
Orchard Agriculture	Cronland
Vinevard - Shruh Agriculture	Cronland
Bioleaf Manle	Deciduous Forest
Black Cottonwood	Deciduous Forest
Black Oak	Deciduous Forest
Canvon Live Oak	Deciduous Forest
Blue Oak	Deciduous Forest
Brewer Oak	Deciduous Forest
California Bav	Deciduous Forest
California Buckeve	Deciduous Forest
Interior Live Oak	Deciduous Forest
Coast Live Oak	Deciduous Forest
Coastal Mixed Hardwood	Deciduous Forest
Cottonwood - Alder	Deciduous Forest
Montane Mixed Hardwood	Deciduous Forest
Oregon White Oak	Deciduous Forest
Riparian Mixed Hardwood	Deciduous Forest
Eucalyptus	Deciduous Forest
Fremont Cottonwood	Deciduous Forest
Interior Mixed Hardwood	Deciduous Forest
Tanoak (Madrone)	Deciduous Forest
Madrone	Deciduous Forest
Non-Native/Ornamental Hardwood	Deciduous Forest
Quaking Aspen	Deciduous Forest
Red Alder	Deciduous Forest
Tree Chinquapin	Deciduous Forest
Valley Oak	Deciduous Forest
White Alder	Deciduous Forest
Willow	Deciduous Forest
Willow - Alder	Deciduous Forest
Tule - Cattail	Fresh Herbaceous Wetland
Wet Meadows	Fresh Herbaceous Wetland
Alpine Grasses and Forbs	Grassland
Annual Grasses and Forbs	Grassland
Non-Native/Ornamental Grass	Grassland
Perennial Grasses and Forbs	Grassland
Intermittent Lake or Pond	Lake
Perennial Lake or Pond	Lake
Water (General)	Lake
Ocean	Marine
Non-Native/Ornamental Conifer/Hardwood	Mixed Forest
Pastures and Crop Agriculture	Pasture
Reservoir	Reservoir
Intermittent Stream Channel	River
River/Stream/Canal	River
Water (General)	River Calina Hankasana Watland
Pickleweed - Lordgrass	Saline Herbaceous Wetland
Aupine Mixeo Scrud	Shiringiand
Dasili Sayeulusii Dia Paoin Sagahrush	Shrubland
Diy Dasili Sayebiusii Direbloof Mountain Mahagany	Shrubland
Bittarbruch	Shruhland
Bittarhruch - Sanahruch	Shruhland
มาและมานอก อนบูลมานอก	omuntanu

	Land Cover Type Assigned
Calveg Regional Description	for This Analysis
Blueblossom Ceanothus	Shrubland
Bush Chinquapin	Shrubland
Ceanothus Mixed Chaparral	Shrubland
Chamise	Shrubland
Coastal Bluff Scrub	Shrubland
Coyote Brush	Shrubland
Curlleaf Mountain Mahogany	Shrubland
Curlleaf Mountain Mahogany (tree)	Shrubland
Deerbrush	Shrubland
Greasewood	Shrubland
Great Basin - Mixed Chaparral Transition	Shrubland
Great Basin Mixed Scrub	Shrubland
Greenleaf Manzanita	Shrubland
Huckleberry Oak	Shrubland
Low Sagebrush	Shrubland
Lower Montane Mixed Chaparral	Shrubland
Manzanita Chaparral	Shrubland
Mendocino Manzanita	Shrubland
Mountain Alder	Shrubland
Mountain Sagebrush	Shrubland
Mountain Whitethorn	Shrubland
Non-Native/Ornamental Shrub	Shrubland
North Coast Mixed Shrub	Shrubland
Pinemat Manzanita	Shrubland
Rabbitbrush	Shrubland
Riparian Mixed Shrub	Shrubland
Salal - California Huckleberry	Shrubland
Scrub Oak	Shrubland
Silver Sagebrush	Shrubland
Snowbrush	Shrubland
Ultramafic Mixed Shrub	Shrubland
Upper Montane Mixed Chaparral	Shrubland
Upper Montane Mixed Shrub	Shrubland
Wedgeleaf Ceanothus	Shrubland
Whiteleaf Manzanita	Shrubland
Willow (Shrub)	Shrubland
Wyoming Sagebrush	Shrubland
Urban or Industrial Impoundment	Urban
Urban/Developed (General)	Urban

Table 3. Definition of spatial attributes and datasets used

Spatial Attribute	Dataset	Definition	Justification
Riparian	United States Geological Survey National Hydrography Dataset - 24k	Within 75 feet of stream channel flowlines that have either perennial status or Geographic Name Information System identification number	In California, most riparian buffers range from 50 feet to 100 feet ¹
Urban	California Department of Conservation Farmland Mapping & Monitoring Program	Within 1,500 feet of an FMMP Urban/Built-up designated area that is either within an urban service area of is over 300 contiguous acres.	Effects on real estate prices by environmental amenities are generally realized within the first 1500 feet of the amenity source. ²
Coastal	Coastal Zone Boundary (CCC)	Within 1,000 yards inland from the mean high tide water line.	California's coastal zone generally extends 1,000 yards inland from the mean high tide line.3
Agriculture	California Department of Conservation Farmland Mapping & Monitoring Program	Contiguous land cover cells which are directly adjacent to FMMP Prime Farmland, Farmland of Statewide Importance, Unique Farmland, or Farmland of Local Importance designated areas that are over 40 contiguous acres in size.	<u>A study based in California suggests</u> that ecosystems adjacent to farmland provide enhanced ecosystem service benefits due to this proximity.4

Table 4. Common primary valuation methods

Method	Description	Example
Market Price	Valuations are directly obtained from what people are willing to pay for the service or good on a private market.	Timber is often sold on a private market.
Replacement Cost	Cost of replacing open space services with man-made systems.	The cost of replacing a watershed's natural filtration services with a filtration facility.
Avoided Cost	Costs avoided or mitigated by open space services that would have been incurred in the absence of those services.	Wetlands buffer hurricane storm surge reducing coastal damage and subsequent recovery costs.
Production Approaches	Value created from an open space service through increased economic outputs.	Improvement in watershed health leads to an increase in commercial and recreational salmon catch.
Travel Cost	Derived from travel costs to consume or enjoy open space services, a reflection of the implied value of the service.	Parks attract tourists who must value the resource at least at the cost of travel incurred for the visit.
Hedonic Pricing	Value implied by what consumers are willing to pay for the service via related markets.	Housing prices along the coastline tend to exceed the prices of inland homes thus indicating open space services value of the coast (beach, saltwater, etc.).
Contingent Valuation	Value elicited by posing hypothetical, valuation scenarios.	People are willing to pay for wilderness preservation to avoid development.

Table 5. Appropriate valuation methods for ecosystem services

Ecosystem Service	Most Appropriate Method for Valuation ⁵
Aesthetic Information	H, CV, TC, CA
Air Quality	CV, AC, RC
Biological Control	AC, P
Climate Stability	CV, M, AC, RC
Cultural Value	CV, CA
Disaster Risk Reduction	AC
Energy & Raw Materials	M, P
Food	M, P
Habitat and Nursery	CV, P, AC, TC
Medicinal Resources	M, AC
Navigation	M, CV
Ornamental Resources	AC, RC, H
Pollination and Seed Dispersal	M, P
Recreation and Tourism	TC, CV, CA
Science and Education	CA
Soil Formation	AC, CV, RC, P
Soil Quality	RC, AC, CV
Soil Retention	AC, RC, H
Water Capture, Conveyance, and Supply	M, AC, RC, H, P, CV, TC
Water Quality	RC, AC, CV
Water Storage	M, AC, RC, P, CV

Key: AC, avoided cost; CV, contingent valuation; CA, conjoint analysis; H, hedonic pricing; M, market pricing; P, production approach; RC, replacement cost; TC, travel cost.

Table 6. Transferability of ecosystem services

Frasystem Service	Transferability	Minimum Geographic Inclusion Criteria
Aesthetic Information	Low	Studies conducted in California only
Air Quality	High	Studies in the greater US acceptable
Biological Control	High	Studies in the greater US acceptable
Climate Stability	High	Studies in the greater US acceptable
Cultural Value	Low	Studies conducted in California only
Disaster Risk Reduction	Medium	US studies conducted in temperate zones only
Energy & Raw Materials	High	Studies in the greater US acceptable
Food	High	Studies in the greater US acceptable
Habitat and Nursery	Low	Studies conducted in California only
Medicinal Resources	Low	Studies conducted in California only
Navigation	High	Studies in the greater US acceptable
Ornamental Resources	Medium	US studies conducted in temperate zones only
Pollination and Seed Dispersal	Medium	US studies conducted in temperate zones only
Recreation and Tourism	Low	Studies conducted in California only
Science and Education	High	Studies in the greater US acceptable
Soil Formation	Medium	US studies conducted in temperate zones only
Soil Quality	Medium	US studies conducted in temperate zones only
Soil Retention	Medium	US studies conducted in temperate zones only
Water Capture, Conveyance, and Supply	Medium	US studies conducted in temperate zones only
Water Quality	Medium	US studies conducted in temperate zones only
Water Storage	Medium	US studies conducted in temperate zones only

Table 7. Gap analysis and ecosystem service/land cover combinations valued in the North Coast

			orest		orest	ceous								Iceous	
Ecosystem Service	Bay/Estuary	Beach	Coniferous F	Cropland	Deciduous Fr	Fresh Herba Wetland	Grassland	Lake	Marine	Mixed Forest	Pasture	Reservoir	River	Saline Herba Wetland	Shrubland
Aesthetic Information			Х		Х					Х					
Air Quality			Х		Х					Х					
Biological Control			Х	Х	Х		Х			Х					
Climate Stability	Х		Х	Х	Х	Х	Х		Х		Х			Х	Х
Disaster Risk Reduction						Х	Х							Х	Х
Food	Х			Х		Х	Х		Х		Х			Х	
Habitat						Х					Х			Х	Х
Navigation									Х						
Recreation & Tourism		Х				Х		Х				Х		Х	Х
Soil Formation			Х	Х	Х		Х			Х					
Soil Quality	Х														
Soil Retention			Х	Х	Х		Х			Х					
Water Capture, Conveyance, & Supply	х		х		х	х	Х			Х				х	х
Water Quality	Х		Х		Х	Х	Х			Х				Х	
Water Storage								Х					Х		

Key: A cell containing an x indicates a land cover/ecosystem service combination that was valued in this analysis.

Table 9. Land cover acres for the North Coast

Land Cover Type	Sum of Acre	Percent of Total Area
Barren	144,140	1%
Bay/Estuary	863	0%
Beach	4,109	0%
Coniferous Forest	7,749,987	62%
Cropland	264,982	2%
Deciduous Forest	1,539,355	12%
Grassland	1,003,970	8%
Lake	82,796	1%
Marine	225	0%
Pasture	246,482	2%
Reservoir	20,259	0%
River	32,636	0%
Saline Herbaceous Wetland	3,177	0%
Shrubland	1,241,897	10%
Urban	51,061	0%
Mixed Forest	626	0%
Fresh Herbaceous Wetland	47,484	0%
Grand Total	12,434,048	100%

Table 10. Land cover acres by WMA

WMA	Land cover Type	Acres	Percent of WMA
Eel WMA	Barren	23,312	1%
Eel WMA	Beach	755	0%
Eel WMA	Coniferous Forest	1,338,818	57%
Eel WMA	Cropland	21,930	1%
Eel WMA	Deciduous Forest	523,003	22%
Eel WMA	Grassland	277,196	12%
Eel WMA	Lake	943	0%
Eel WMA	Marine	16	0%
Eel WMA	Pasture	30,017	1%
Eel WMA	Reservoir	2,311	0%
Eel WMA	River	12,397	1%
Eel WMA	Saline Herbaceous Wetland	847	0%
Eel WMA	Shrubland	122,414	5%
Eel WMA	Urban	2,524	0%
Eel WMA	Fresh Herbaceous Wetland	293	0%
Eel WMA Total		2,356,778	100%
Humboldt WMA	Barren	8,219	1%
Humboldt WMA	Bay/Estuary	32	0%
Humboldt WMA	Beach	2,466	0%
Humboldt WMA	Coniferous Forest	561,124	76%
Humboldt WMA	Cropland	3,962	1%
Humboldt WMA	Deciduous Forest	61,192	8%
Humboldt WMA	Grassland	43,079	6%
Humboldt WMA	Lake	3,750	1%
Humboldt WMA	Marine	49	0%
Humboldt WMA	Pasture	13,838	2%
Humboldt WMA	Reservoir	15,907	2%
Humboldt WMA	River	2,373	0%
Humboldt WMA	Saline Herbaceous Wetland	1,374	0%
Humboldt WMA	Shrubland	12,241	2%
Humboldt WMA	Urban	4,557	1%

			Percent
WMA	Land cover Type	Acres	of WMA
Humboldt WMA	Fresh Herbaceous Wetland	46	0%
Humboldt WMA Total		734,210	100%
Klamath WMA	Barren	52,327	1%
Klamath WMA	Beach	45	0%
Klamath WMA	Coniferous Forest	2,724,175	61%
Klamath WMA	Cropland	123,948	3%
Klamath WMA	Deciduous Forest	213,159	5%
Klamath WMA	Grassland	319,077	7%
Klamath WMA	Lake	51,303	1%
Klamath WMA	Marine	5	0%
Klamath WMA	Pasture	131,175	3%
Klamath WMA	Reservoir	258	0%
Klamath WMA	River	9,420	0%
Klamath WMA	Shrubland	826,594	18%
Klamath WMA	Urban	5,884	0%
Klamath WMA	Mixed Forest	64	0%
Klamath WMA	Fresh Herbaceous Wetland	44,275	1%
Klamath WMA Total		4,501,709	100%
North Coast WMA	Barren	15,016	1%
North Coast WMA	Bay/Estuary	14	0%
North Coast WMA	Beach	759	0%
North Coast WMA	Coniferous Forest	1,393,295	73%
North Coast WMA	Cropland	10,645	1%
North Coast WMA	Deciduous Forest	227,554	12%
North Coast WMA	Grassland	161,396	9%
North Coast WMA	Lake	3,597	0%
North Coast WMA	Marine	155	0%
North Coast WMA	Pasture	11,685	1%
North Coast WMA	Reservoir	54	0%
North Coast WMA	River	3,241	0%
North Coast WMA	Saline Herbaceous Wetland	739	0%
North Coast WMA	Shrubland	64,636	3%
North Coast WMA	Urban	2,801	0%
North Coast WMA	Mixed Forest	232	0%
North Coast WMA	Fresh Herbaceous Wetland	351	0%
North Coast WMA Total		1,896,171	100%
Russian Bodega WMA	Barren	15,083	1%
Russian Bodega WMA	Bay/Estuary	816	0%
Russian Bodega WMA	Beach	85	0%
Russian Bodega WMA	Coniferous Forest	168,239	16%
Russian Bodega WMA	Cropland	103,631	10%
Russian Bodega WMA	Deciduous Forest	385,310	37%
Russian Bodega WMA	Grassland	183,424	18%
Russian Bodega WMA	Lake	5,824	1%
Russian Bodega WMA	Pasture	59,031	6%
Russian Bodega WMA	Reservoir	1,704	0%
Russian Bodega WMA	River	2,867	0%
Russian Bodega WMA	Saline Herbaceous Wetland	218	0%
Russian Bodega WMA	Shrubland	84,166	8%
Russian Bodega WMA	Urban	33,574	3%
Russian Bodega WMA	Mixed Forest	213	0%
Russian Bodega WMA	Fresh Herbaceous Wetland	236	0%
Russian Bodega WMA Total		1,044,421	100%
Trinity WMA	Barren	30,184	2%
Trinity WMA	Coniferous Forest	1,564,335	82%

WMA	Land cover Type	Acres	Percent of WMA
Trinity WMA	Cropland	865	0%
Trinity WMA	Deciduous Forest	129,136	7%
Trinity WMA	Grassland	19,797	1%
Trinity WMA	Lake	17,379	1%
Trinity WMA	Pasture	735	0%
Trinity WMA	Reservoir	25	0%
Trinity WMA	River	2,337	0%
Trinity WMA	Shrubland	131,845	7%
Trinity WMA	Urban	1,721	0%
Trinity WMA	Mixed Forest	116	0%
Trinity WMA	Fresh Herbaceous Wetland	2,282	0%
Trinity WMA Total		1,900,760	100%

Table 11. Land cover acres by county

County	Land Cover Type	Acres	Percent of County
Del Norte	Barren	6.514	1%
Del Norte	Bav/Estuary	8	0%
Del Norte	Beach	171	0%
Del Norte	Coniferous Forest	550 464	82%
Del Norte	Cropland	2.404	0%
Del Norte	Deciduous Forest	49.121	7%
Del Norte	Grassland	6.181	1%
Del Norte	Lake	3,292	0%
Del Norte	Marine	52	0%
Del Norte	Pasture	9.060	1%
Del Norte	Reservoir	3	0%
Del Norte	River	3,171	0%
Del Norte	Saline Herbaceous Wetland	716	0%
Del Norte	Shrubland	37,900	6%
Del Norte	Urban	2,016	0%
Del Norte	Mixed Forest	242	0%
Del Norte	Fresh Herbaceous Wetland	155	0%
Del Norte Total		671,469	100%
Glenn	Barren	334	1%
Glenn	Coniferous Forest	48,245	89%
Glenn	Deciduous Forest	2,891	5%
Glenn	Grassland	1,644	3%
Glenn	Lake	10	0%
Glenn	Shrubland	1,241	2%
Glenn	Fresh Herbaceous Wetland	57	0%
Glenn Total		54,422	100%
Humboldt	Barren	23,141	1%
Humboldt	Bay/Estuary	32	0%
Humboldt	Beach	3,636	0%
Humboldt	Coniferous Forest	1,619,348	70%
Humboldt	Cropland	16,041	1%
Humboldt	Deciduous Forest	288,621	13%
Humboldt	Grassland	221,697	10%
Humboldt	Lake	3,093	0%
Humboldt	Marine	173	0%
Humboldt	Pasture	38,191	2%
Humboldt	Reservoir	15,912	1%
Humboldt	River	16,404	1%

•			Percent
County	Land Cover Type	Acres	of County
Humboldt	Saline Herbaceous Wetland	2,221	0%
Humboldt	Shrubland	44,059	2%
Humboldt	Urban	7,600	0%
Humboldt	Mixed Forest	130	0%
Humboldt	Fresh Herbaceous Wetland	95	0%
Humboldt Total		2,300,394	100%
Lake	Barren	1,214	1%
Lake	Coniferous Forest	118,071	62%
Lake	Deciduous Forest	21,170	11%
Lake	Grassland	5,447	3%
Lake	Lake	14	0%
Lake	Reservoir	2,233	1%
Lake	River	119	0%
Lake	Shrubland	41,182	22%
Lake	Urban	41	0%
Lake	Fresh Herbaceous Wetland	7	0%
Lake Total		189.498	100%
Marin	Barren	83	0%
Marin	Beach	0	0%
Marin	Cronland	18 276	81%
Marin	Deciduous Forest	497	2%
Marin	Grassland	3 227	14%
Marin	Lake	39	n%
Marin	Pasture	67	0%
Marin	Reservoir	9	0% N%
Marin	Rivor	166	1%
Marin	Saline Herbaceous Wetland	40	170 N%
Marin	Shruhland	200	1%
Marin	Ilrhan	11	170 N%
Marin	Fresh Herbacoous Wetland	22	0 /0 N%
Marin Total		22 22 22 20 20 20 20 20 20 20 20 20 20 2	10.0%
Mandocino	Barran	18 860	100 /0
Mendocino	Bay/Estuary	7	n%
Mendocino	Beach	101	0 /0 N%
Mendocino	Coniferous Forest	1 177 053	57%
Mondocino	Cronland	21 295	10/2
Mondocino	Dociduous Forost	415 002	770/2
Mandacina	Graaaland	2/0 /22	110/
Mendocino		240,032	11.70 N0/.
Mandacina	Docturo	2,000	10/.
Mendooino	Pasquie	/50	1 70
Mendooino	Reservoir	400	U %
Mendesine	RIVEI	J,2/7	U 70
Mendocino	Saune Herbaceous welland	Z3	U%
Mendocino	Shrubland	120,230	0%
Mendocino	Urban Fool III I I I I I I I I I I I I I I I I	0,00/	U%
Mendocino	Fresh Herbaceous Wetland	337	U%
Mendocino Total	D	2,248,641	100%
Modoc	Barren	799	0%
Modoc	Coniferous Forest	263,893	35%
Modoc	Uropland	41,951	6%
Modoc	Deciduous Forest	33	U%
Modoc	Grassland	76,194	10%
Modoc	Lake	22,001	3%
Modoc	Pasture	5,692	1%
Modoc	Shrubland	336,392	45%

			Percent
County	Land Cover Type	Acres	of County
Modoc	Urban	290	0%
Modoc	Fresh Herbaceous Wetland	4,421	1%
Modoc Total		751,664	100%
Siskiyou	Barren	49,104	1%
Siskiyou	Coniferous Forest	2,106,570	64%
Siskiyou	Cropland	81,680	2%
Siskiyou	Deciduous Forest	147,037	4%
Siskiyou	Grassland	239,994	7%
Siskiyou	Lake	29,189	1%
Siskiyou	Pasture	125,085	4%
Siskiyou	Reservoir	258	0%
Siskiyou	River	4,316	0%
Siskiyou	Shrubland	480,370	15%
Siskiyou	Urban	4,779	0%
Siskiyou	Mixed Forest	1	0%
Siskiyou	Fresh Herbaceous Wetland	39,892	1%
Siskiyou Total		3,308,276	100%
Sonoma	Barren	11,684	1%
Sonoma	Bay/Estuary	816	0%
Sonoma	Beach	109	0%
Sonoma	Coniferous Forest	224,819	27%
Sonoma	Cropland	72,793	9%
Sonoma	Deciduous Forest	253,747	30%
Sonoma	Grassland	150,882	18%
Sonoma	Lake	3,987	0%
Sonoma	Pasture	43,315	5%
Sonoma	Reservoir	1,361	0%
Sonoma	River	2,768	0%
Sonoma	Saline Herbaceous Wetland	178	0%
Sonoma	Shrubland	38,487	5%
Sonoma	Urban	28,837	3%
Sonoma	Mixed Forest	213	0%
Sonoma	Fresh Herbaceous Wetland	214	0%
Sonoma Total		834,209	100%
Trinity	Barren	32,408	2%
Trinity	Coniferous Forest	1,640,624	80%
Trinity	Cropland	454	0%
Trinity	Deciduous Forest	161,241	8%
Trinity	Grassland	58,072	3%
Trinity	Lake	18,517	1%
Trinity	Pasture	154	0%
Trinity	Reservoir	24	0%
Trinity	River	2,412	0%
Trinity	Shrubland	135,742	7%
Trinity	Urban	801	0%
Trinity	Mixed Forest	39	0%
Trinity	Fresh Herbaceous Wetland	2,284	0%
Trinity Total		2,052,774	100%

Table 12. Valuation results of the North Coast Ecosystem Service Valuation

Land Cover	griculture	oastal	iparian	Irban	Aaraa	Minimum (\$/acre/	Average (\$/acre/	High (\$/acre/	Minimum(¢/woor)	Average(\$/veev)	
	 	د 1	0		ACT es	12 0/2	12 001	19 1/0			
	0	1	n N	1	907	13,042	13,071	13,140	10 / 70 1/0	10 510 702	072,127
Bay/Estuary	n	1	1	0	7	13,042	13,071	13,140	90 013	00.252	00 501
Day/Lotuary	0	1	1	1	/ 0	13,042	13,071	13,140	2 000	2 011	2 022
	1	1	1	0	1	13,042	13,071	13,140	11 602	11 6/5	11 680
Bay/Estuary Subtotal	<u> </u>	1	1	10	863	13,042	10,071	10,140	11 250 667	11 293 121	11 335 57/
Day/Estadiy Subtotat	n	1	n	n	3 100	122 626	122 626	122 626	380 110 0/1	380 110 0/1	380 110 0/1
	n	1	n	1	11	6 398	543 121	2 123 622	72 562	6 160 155	24 086 407
Beach	n	1	1	n	70	172 626	122 626	177 676	8 617 791	8 617 791	8 617 791
	1	1	n.	0	927	122,626	122,626	122,626	113 722 117	113 722 117	113 722 117
Beach Subtotal			1.0	1.	4 109	122,020	122,020	122/020	502 522 512	508 610 105	526 536 357
	n	n	n	0	6 654 705	1 503	2 628	4 339	10 003 943 087	17 486 975 038	28 874 205 596
	n	0	0	1	33 555	1 827	5 372	10 016	61 306 667	180 243 492	336 068 106
	n	0	1	0	229 382	1 503	2 628	4 339	344 827 785	602 761 812	995 270 391
	0	0	1	1	383	1,827	5.372	10.016	699.294	2.055.946	3.833.358
	0	1	0	0	205.472	1.503	2.628	4.339	308.883.978	539.931.742	891.526.413
	0	1	0	1	32.367	1.827	5.372	10.016	59.136.864	173.864.207	324,173,782
	0	1	1	0	3,818	1,503	2,628	4,339	5,739,669	10,032,988	16,566,305
Coniferous Forest	0	1	1	1	134	1,827	5,372	10,016	245,423	721,552	1,345,350
	1	0	0	0	559,824	1,504	2,628	4,340	841,982,525	1,471,489,508	2,429,435,591
	1	0	0	1	9,971	1,828	5,372	10,016	18,224,612	53,566,930	99,870,530
	1	0	1	0	7,463	1,504	2,628	4,340	11,224,632	19,616,711	32,387,276
	1	0	1	1	76	1,828	5,372	10,016	139,020	408,616	761,826
	1	1	0	0	4,474	1,504	2,628	4,340	6,729,494	11,760,791	19,417,117
	1	1	0	1	8,349	1,828	5,372	10,016	15,260,481	44,854,568	83,627,145
	1	1	1	0	13	1,504	2,628	4,340	19,400	33,905	55,977
Coniferous Forest Subtota	al				7,749,987				11,678,362,932	20,598,317,806	34,108,544,763
	1	0	0	0	122,143	175	366	557	21,317,062	44,645,350	67,973,638
	1	0	0	1	106,142	175	366	557	18,524,544	38,796,844	59,069,145
	1	0	1	0	2,681	175	366	557	467,820	979,777	1,491,735
Cronland	1	0	1	1	418	175	366	557	72,931	152,742	232,554
ciopiano	1	1	0	0	32,570	175	366	557	5,684,322	11,904,950	18,125,577
	1	1	0	1	185	175	366	557	32,332	67,714	103,096
	1	1	1	0	840	175	366	557	146,676	307,191	467,707
	1	1	1	1	2	175	366	557	388	813	1,238
Cropland Subtotal					264,982				46,246,075	96,855,382	147,464,689
Deciduous Forest	0	0	0	0	1,275,784	1,481	2,625	4,190	1,889,196,876	3,349,008,488	5,345,933,381
	0	0	0	1	15,196	1,805	3,953	6,529	27,423,380	60,064,479	99,218,630
	0	0	1	0	45,143	1,481	2,625	4,190	66,847,728	118,502,000	189,161,599
	0	0	1	1	763	1,805	3,953	6,529	1,376,968	3,015,926	4,981,913
	0	1	0	0	21,786	1,481	2,625	4,190	32,261,017	57,189,603	91,290,246
	0	1	0	1	465	1,805	3,953	6,529	839,184	1,838,036	3,036,194
	0	1	1	0	892	1,481	2,625	4,190	1,320,594	2,341,037	3,736,935
	0	1	1	1	27	1,805	3,953	6,529	48,561	106,362	175,696
	1	0	0	0	147,751	1,482	2,626	4,191	218,897,960	387,961,214	619,228,467
	1	0	0	1	26,371	1,805	3,953	6,530	47,608,558	104,252,671	172,199,286
	1	0	1	0	2,508	1,482	2,626	4,191	3,715,284	6,584,739	10,509,963
	1	0	1	1	284	1,805	3,953	6,530	513,107	1,123,596	1,855,899
	1	1	0	0	2,324	1,482	2,626	4,191	3,443,128	6,102,388	9,740,078
	1	1	1	0	62	1,482	2,626	4,191	91,268	161,757	258,182
Deciduous Forest Subtota	l				1,539,355				2,293,583,612	4,098,252,297	6,551,326,468

Land Cover	Agriculture	Coastal	Riparian	Jrban	٨٢٢٥٢	Minimum (\$/acre/ vear)	Average (\$/acre/	High (\$/acre/ vear)	Minimum(\$/vear)	Averane(\$/vear)	High(¢/vear)
	n	n	<u>п</u>	0	10 117	2/0	10.6/0	2/, 305	2 / 26 3/3	107 738 000	2/6 805 857
	n	n	0 N	1	//	240	11 005	24,373	10 197	505 683	1 183 5/5
	0	n	1	0	1 221	18 025	29 509	// 330	22 007 80/	36 020 /76	56 126 860
	n	n	1	1	9	18.025	30.745	/7 708	1// 212	2/6 313	387 686
	n	1	ו ח		200	2/0	10 6/0	2/, 305	/8 055	240,313	/ 888 158
	0	1	0 N	1	200	240	11 905	24,373	40,000	2,133,020	4,000,130 55 760
Fresh Herbaceous	0	1	1	0	2	10 025	20 500	27,000	400	729.745	1 00/ 227
Wetland	1	n N	ו ח	0	2J 2/ 072	2/0	10 / 45	2/ 305	9 262 770	24/ 057 025	950 722 026
	1	n N	0	1	107	240	11 721	24,373	0,303,440 /// 0.82	2 262 170	5 353 830
	1	U N	1	0	7/5	240	F0 722	27,00J 45,707	20.252.440	2,232,177	/0 000 707
	1	U N	1	1	/40	20/22	51 070	40.105	27,332,000	2 150 007	40,730,707
		1	1 0		41	2/0	01,7/0 10//E	07,170 2/ 20E	1,030,703	2,100,077	2,002,200
	1	1	1	0	10	240	10,400	24,373 /E 707	3,040	10/,0/4	370,017 20.225
Freeh Herbessey Wetler	 C	l hatal	1	0	U /7/0/	39,422	50,722	00,727			27,230
Fresh Herbaceous wellan	0 500		0	0	4/,404	11	1/0	0//	04,470,417	00 010 70/	
	U	U	0	0	571,506	00	108	204	38,903,171	99,312,794	155,998,594
		U	U		9,742	509	011	///	4,960,674	5,955,565	6,889,128
	U	U	1	U	10,538	66	168	264	693,078	1,769,304	2,779,188
	U	U	1	1	273	509	611	707	138,844	166,690	192,819
		1	0	U	70,514	65	164	264	4,602,370	11,565,714	18,596,760
		1	U	1	2,696	509	607	707	1,371,575	1,637,817	1,906,648
	0	1	1	0	898	24,435	29,814	50,947	21,943,315	26,773,539	45,752,221
Grassland	0	1	1	1	24	4,406	19,799	50,947	105,833	475,553	1,223,685
	1	0	0	0	241,369	66	168	264	15,874,774	40,525,442	63,656,571
	1	0	0	1	33,398	509	611	707	17,007,264	20,418,167	23,618,812
	1	0	1	0	3,045	66	168	264	200,256	511,218	803,011
	1	0	1	1	166	509	611	707	84,597	101,564	117,485
	1	1	0	0	21,695	65	164	264	1,415,997	3,558,387	5,721,606
	1	1	0	1	17,944	509	607	707	9,128,446	10,900,407	12,689,597
	1	1	1	0	163	24,435	29,814	50,947	3,977,837	4,853,450	8,293,865
Grassland Subtotal					1,003,970				120,408,033	228,525,611	348,239,990
	0	0	1	0	50,190	100	6,735	13,369	5,015,864	338,006,997	670,998,131
	0	0	1	1	210	100	6,735	13,369	20,959	1,412,356	2,803,754
	0	1	1	0	2,960	100	6,735	13,369	295,844	19,936,242	39,576,640
Lake	0	1	1	1	71	100	6,735	13,369	7,112	479,273	951,433
	1	0	1	0	24,858	100	6,735	13,369	2,484,262	167,408,419	332,332,577
	1	0	1	1	1,585	100	6,735	13,369	158,402	10,674,299	21,190,197
	1	1	1	0	2,922	100	6,735	13,369	291,977	19,675,638	39,059,298
Lake Subtotal					82,796				8,274,419	557,593,225	1,106,912,030
	0	1	0	0	218	5,327	5,342	5,358	1,158,642	1,161,968	1,165,294
Marine	0	1	0	1	2	5,327	5,342	5,358	10,662	10,693	10,724
	0	1	1	0	6	5,327	5,342	5,358	29,618	29,703	29,788
Marine Subtotal					225				1,198,922	1,202,364	1,205,805
	0	0	0	0	299	1.414	2.484	3.674	423.095	742.983	1.099.041
	0	0	0	1	143	1.659	3.983	7.487	236.508	567.857	1.067.292
	0	0	1	0	10	1.414	2.484	3.674	14.785	25.963	38.405
Mixed Forest	0	0	1	1	22	1.659	3,983	7.487	36.528	87.703	164.839
	1	0	0	0	21	1.415	2.485	3.675	29.585	51.941	76.825
	1	0	0	1	127	1.660	3,984	7.488	210.772	505.937	950.831
	1	0	1	1	4	1.660	3,984	7.488	6.275	15.063	28.308
Mixed Forest Subtotal		<u> </u>			626	1,000	5,, 5,		957 5/7	1 997 //7	3 / 25 5/2

Land Cover	\griculture	coastal	liparian	Irban	Acros	Minimum (\$/acre/	Average (\$/acre/	High (\$/acre/	Minimum(\$/voor)	Average(¢/vear)	High(\$/yoar)
	1	о П	Π Π		156 860	218	253	280	3/, 25/, 7/0	30 7/1 887	/5 267 01/
	1	0	0	1	45.017	210	253	207	0 831 316	11 / 11 227	12 001 130
	1	0	1		40,017	1 823	1.858	1 803	7,031,310	7 737 516	7 883 651
	1	0	1	1	4,104	1,020	1,000	1,075	7,371,301	010 71/	7,003,001
Pasture	1	1	1 0	0	430	1,0ZJ 210	1,000	1,070	7 70, 340		027,002
	1	1	0	1	2 0 2 7	210	200	209	/,/90,319	7,001,024	10,304,729
	1	1	1		2,027	1 022	1 050	1 000	017,400	2 (05 200	010,707
	1	1	1	1	1,400	1,020	1,000	1,073	2,044,374	2,070,277	2,740,204
Desture Cubtetel			1		10	1,023	1,000	1,073		JU,JOI	31,137
Pasture Subtotal	0	0	0	0	240,482	0/5	10.50/	(0.00/	03,507,970	72,218,431	80,808,880
	U	U	0	U	2,805	865	12,506	40,284	2,425,642	35,082,503	113,007,968
	U	U	0	1	230	865	12,506	40,284	198,836	2,875,797	9,263,536
	U	U	1		298	865	12,506	40,284	257,294	3,721,293	11,987,051
	U	1	0	0	206	865	12,506	40,284	178,068	2,575,424	8,295,971
	0	1	0	1	26	865	12,506	40,284	22,883	330,967	1,066,113
Reservoir	0	1	1	0	11	865	12,506	40,284	9,230	133,499	430,029
	0	1	1	1	4	865	12,506	40,284	3,077	44,500	143,343
	1	0	0	0	671	865	12,506	40,284	579,970	8,388,206	27,020,139
	1	0	0	1	313	865	12,506	40,284	270,947	3,918,761	12,623,135
	1	0	1	0	8	865	12,506	40,284	7,115	102,906	331,480
	1	1	0	0	11	865	12,506	40,284	9,615	139,062	447,947
	1	1	0	1	15,676	865	12,506	40,284	13,554,483	196,040,938	631,488,237
Reservoir Subtotal					20,259				17,517,160	253,353,855	816,104,948
	0	0	0	0	10,698	5	6	6	53,556	59,507	65,458
	0	0	0	1	255	5	6	6	1,275	1,416	1,558
	0	0	1	0	11,602	5	6	6	58,082	64,536	70,990
	0	0	1	1	417	5	6	6	2,089	2,321	2,553
	0	1	0	0	4,042	5	6	6	20,238	22,487	24,736
	0	1	0	1	25	5	6	6	127	141	155
Diver	0	1	1	0	1,297	5	6	6	6,492	7,214	7,935
River	0	1	1	1	43	5	6	6	217	241	265
	1	0	0	0	778	5	6	6	3,895	4,327	4,760
	1	0	0	1	115	5	6	6	577	641	705
	1	0	1	0	930	5	6	6	4,654	5,171	5,688
	1	0	1	1	134	5	6	6	670	745	819
	1	1	0	0	1,937	5	6	6	9,698	10,775	11,853
	1	1	1	0	363	5	6	6	1,819	2,021	2,224
River Subtotal		I			32.636				163.389	181.544	199.698
	0	0	0	0	11	3.840	18.823	37.355	41.843	205.122	407.075
	0	0	0	1	19	3.840	18.823	37.355	71.732	351.637	697.843
	n	n N	1	n	1	3 840	18 823	37 355	3 416	16 745	33 731
	n	0 N	1	1	2	3 840	18 823	37 355	7 686	37 675	74 769
Saline Herhaceous	n	1	n N	n	2 250	3 865	18 942	37 577	8 696 840	42 627 044	84 564 181
Wetland	n	1	0	1	276	3 865	18 9/2	37 577	1 066 585	5 227 805	
	n	1	1		208	3 865	18 9/2	37 577	805 311	3 9/7 183	7 830 / 81
	n	1	1	1	5	3 865	18 9/2	37 577	20.627	101 102	200 567
	1	1	<u>,</u> U		393	3 865	18 9/2	37 577	1 520 378	7 452 045	14 783 /80
	1	1	1	n	11	3 865	18 9/.7	37 577	/3 832	21/, 8/,1	//26 205
Salina Harbaaaya Watla	l l Dd Cub		1	U	2 177	3,003	10,742	110,10	43,032	40 101 100	420,203
Sarine heingrenne Mella	in ann	υιαι			0,1//				12,270,200	00,101,170	117,000,002

Land Cover	Agriculture	Coastal	Riparian	Urban	Acres	Minimum (\$/acre/ year)	Average (\$/acre/ year)	High (\$/acre/ year)	Minimum(\$/year)	Average(\$/year)	High(\$/year)
	0	0	0	0	995,770	146	146	146	145,520,326	145,520,326	145,520,326
	0	0	0	1	1,877	146	146	146	274,304	274,304	274,304
	0	0	1	0	12,649	224	413	767	2,828,288	5,220,679	9,695,814
	0	0	1	1	25	224	413	767	5,569	10,280	19,093
	0	1	0	0	17,367	146	146	146	2,537,960	2,537,960	2,537,960
	0	1	0	1	383	146	146	146	55,901	55,901	55,901
Chruhland	0	1	1	0	482	224	413	767	107,707	198,815	369,238
SIIIUDIAIIU	0	1	1	1	11	224	413	767	2,536	4,681	8,694
	1	0	0	0	199,679	146	146	146	29,180,825	29,180,825	29,180,825
	1	0	0	1	11,844	146	146	146	1,730,909	1,730,909	1,730,909
	1	0	1	0	533	18,411	18,600	18,954	9,806,241	9,906,981	10,095,422
	1	0	1	1	43	18,411	18,600	18,954	790,232	798,350	813,535
	1	1	0	0	1,225	146	146	146	178,980	178,980	178,980
	1	1	1	0	10	18,411	18,600	18,954	184,251	186,144	189,684
Shrubland Subtotal					1,241,897				193,204,029	195,805,134	200,670,685
North Coast Total					12,238,847				15,014,031,940	27,239,110,313	45,239,058,140

Table 13. Detailed valuation results (\$/acre/year) by WMA

		griculture	bastal	iparian	ban		Minimum	Average	High (\$/acre/	Minimum	Average	
WMA	Land Cover	Ă	<u>ບັ</u>	i Z	5	Acres	(\$/acre/year)	(\$/acre/year)	year)	(\$/year)	(Ş/year)	High(\$/year)
Eel		U	1	1	U	/19	122,626	122,626	122,626	88,141,459	88,141,459	88,141,459
	Reacu	1	1		U	/	122,020	122,020	122,020	818,145	0 570 575	0 570 575
				U	U	29 1 201 727	122,020	122,020	122,020		3,572,565	3,5/2,505 E E/1 201 717
	-	0	0	0	1	1,201,724	1,003	Z,020	4,337	1,920,000,917	3,308,003,897	0,001,291,717
	-	0	0	U 1		203	1,02/	0,37Z	10,010		3,129,912	0,030,/92
	-	0		1	1	39,212	1,003	Z,020 5 272	4,337	00,940,270 / /70	103,038,080	1/U,130,000 2/ 501
	-	0	1	0	1	Z	1,027	0,37Z	10,010	4,470	1 115 421	1 0/2 00/
	Coniferous Forest	0	1	U 1	0	420	1,303	2,020	4,337	2 2/0	1,113,021	1,042,074
	-	1			U N	16.652	1,505	2,020	4,337	2,340	4,071	72 267 202
	- - - Cropland	1	0	1	0 N	88	1,504	2,020	4,340	132 /56	231 /86	382 185
		1	1	0	n	131	1,504	2,020	4,340	196 362	3/3 138	566 522
		1	1	1	n	101 0 /	1,504	2,628	4,040	669	1 169	1 930
		1	n	n	n	14 991	175	366	557	2 616 344	5 479 535	8 342 726
		1	0	1	0	218	175	366	557	38 037	79 663	121 289
		1	1	0	0	6.452	175	366	557	1,126,020	2.358.278	3.590.536
		1	1	1	0	269	175	366	557	47.003	98.441	149.879
		0	0	0	0	487,137	1,481	2,625	4,190	721,358,332	1,278,763,059	2,041,255,537
	1	0	0	0	1	955	1,805	3,953	6,529	1,723,719	3,775,401	6,236,467
	1	0	0	1	0	14,536	1,481	2,625	4,190	21,525,348	38,158,317	60,911,108
	1	0	0	1	1	103	1,805	3,953	6,529	185,014	405,229	669,386
	Deciduous Forest	0	1	0	0	1,397	1,481	2,625	4,190	2,068,820	3,667,430	5,854,221
	Deciduous Forest	0	1	1	0	18	1,481	2,625	4,190	27,005	47,872	76,416
	-	1	0	0	0	17,999	1,482	2,626	4,191	26,665,629	47,260,513	75,432,940
		1	0	1	0	263	1,482	2,626	4,191	389,782	690,825	1,102,633
		1	1	0	0	577	1,482	2,626	4,191	855,016	1,515,378	2,418,708
		1	1	1	0	18	1,482	2,626	4,191	27,018	47,885	76,429
	Fresh Herbaceous	0	0	0	0	266	240	10,649	24,395	63,683	2,827,734	6,477,759
	Wetland	0	0	1	0	28	18,025	29,509	44,330	501,088	820,343	1,232,351

WMA Land Cover 2'' B' ac 2' Acres [S/acre/year] [S/acre/year] year] (S/year) [S/year] (S/year)
Grassland 0 0 0 0 263,561 666 168 264 17,334,328 44,251,421 69,509,266 0 0 0 1 922 509 611 707 469,533 563,700 662,003 0 0 1 0 3,818 66 168 264 251,128 664,1085 10,004 0 0 1 0 2,199 65 164 264 143,514 360,650 579,897 0 1 0 0 4,655 66 168 264 306,154 781,557 1,227,655 1 0 0 4,655 66 168 264 308,154 781,557 1,227,655 1 1 0 0 1,879 65 164 264 122,656 308,232 495,613 1 1 0 1,1879 65 164 264 122,656 308,5576 11,018,784
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0 1 0 0 2,199 65 164 264 143,514 360,650 577,857 0 1 1 0 54 24,435 29,814 50,947 1,309,643 1,597,925 2,730,630 1 0 1 0 66 66 168 264 306,154 781,557 1,227,655 1 1 1 0 1,879 65 164 264 4,655 308,232 495,613 1 1 1 0 1,879 65 164 264 122,656 308,232 495,613 1 1 1 0 1,879 65 164 264 122,656 308,232 495,613 18,050 1,018,050 55,551,676 11,018,784 1 1 0 0 1 1 13,369 82,368 5,550,576 11,018,784 1 0 0 1 1 0 64 100
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Pasture 1 0 0 7,061 218 253 289 1,542,160 1,789,988 2,037,816 1 0 0 1 4,010 218 253 289 1,542,160 1,789,988 2,037,816 1 0 0 1 4,010 218 253 289 875,843 1,016,593 1,157,342 1 0 1 0 332 1,823 1,858 1,893 604,943 616,588 628,233 1 0 1 1 0 17,768 218 253 289 3,880,412 4,504,002 5,127,591 1 1 0 0 17,768 218 253 289 3,880,412 4,504,002 5,127,591 1 1 0 0 17,768 218 253 289 3,880,412 4,504,002 5,127,591 1 1 0 798 1,823 1,858 1,893 1,453,971
1 0 0 1 4,010 218 253 289 875,843 1,016,593 1,157,342 1 0 1 0 332 1,823 1,858 1,893 604,943 616,588 628,233 1 0 1 1 47 1,823 1,858 1,893 86,362 88,025 89,687 1 1 0 17,768 218 253 289 3,880,412 4,504,002 5,127,591 1 1 0 0 17,768 218 253 289 3,880,412 4,504,002 5,127,591 1 1 0 0 17,768 218 253 289 3,880,412 4,504,002 5,127,591 1 1 0 0 17,768 218 253 289 3,880,412 4,504,002 5,127,591 1 1 0 798 1,823 1,858 1,893 1,453,971 1,481,960 1,509,949
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1 0 1 47 1.823 1.858 1.893 86,362 88,025 89,687 1 1 0 0 17,768 218 253 289 3,880,412 4,504,002 5,127,591 1 1 1 0 798 1,823 1,858 1,893 1,453,971 1,481,960 1,509,949 Reservoir 0 0 1 0 2,299 865 12,506 40,284 1,988,165 28,755,193 92,626,397 1 0 1 0 12 865 12,506 40,284 10,384 150,187 483,782 River 0 0 1 0 8,533 5 6 6 42,720 47,466 52,213 0 1 1 0 1,996 5 6 6 9,993 11,103 12,213
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I 0 1 0 12 865 12,506 40,284 10,384 150,187 483,782 River 0 0 1 0 8,533 5 6 6 42,720 47,466 52,213 0 1 1 0 1,996 5 6 6 9,993 11,103 12,213
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<u> </u>
Saline Herbaceous 0 1 0 0 714 3,865 18,942 37,577 2,758,855 13,522,365 26,825,874
Wetland 0 1 1 0 120 3,865 18,942 37,577 464,966 2,279,003 4,521,121
<u>1 1 0 0 5 3,865 18,942 37,577 20,627 101,102 200,567</u>
1 1 1 0 8 3,865 18,942 37,577 29,222 143,228 284,137
Shrubland 0 0 0 0 119,429 146 146 146 17,453,199 17,453,199 17,453,199
0 0 1 0 2,151 224 413 767 480,854 887,599 1,648,444
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WMA	Land Cover	Agriculture	Coastal	Riparian	Urban	Acres	Minimum (\$/acre/vear)	Average (\$/acre/vear)	High (\$/acre/ vear)	Minimum (\$/vear)	Average (\$/vear)	High(\$/vear)
Humboldt	Coniferous Forest	n	n	Λ	Π	489 579	1 503	2 628	4 339	735 978 454	1 286 496 409	2 124 241 713
Tumbotat		n	n	0	1	754	1,800	5 372	10 016	1 377 052	4 048 577	7 548 664
		n	n	1	0	18 050	1,027	2 628	4 339	27 133 709	47 429 947	78 315 549
		n N	n	1	1	35	1 827	5 372	10 016	63 387	186 361	347 475
		n	1	0	0	49.650	1,027	2 628	4 339	74 637 759	130 467 419	215 425 656
		n	1	0	1	119	1,000	5 372	10 016	217 793	640 318	1 193 887
		n N	1	1	0	713	1,523	2 628	4 339	1 071 173	1 872 419	3 091 708
		1	n i	N	n	2 123	1,506	2,628	4 340	3 192 320	5 579 054	9 211 042
		1	0	1	0	4	1,504	2,628	4 340	5 686	9 938	16 407
		1	1	0	0	99	1 504	2,628	4 340	148 511	259 545	428 510
		1	1	1	n	1	1,504	2,628	4 340	1 672	2 973	4 826
	Cronland	1	0	0	0	902	175	366	557	157 389	329 627	501 866
		1	0	0	1	27	175	366	557	4 735	9 917	15 099
		1	0	1	0	67	175	366	557	11 722	24 549	37 377
		1	0	1	1	2	175	366	557	311	650	990
		1	1	0	0	2 702	175	366	557	471 507	987 500	1 503 493
		1	1	0	1	86	175	366	557	15 021	31 459	47 897
		1	1	1	0	174	175	366	557	30 352	63 568	96 784
		1	1	1	1	2	175	366	557	388	813	1.238
	Deciduous Forest	0	0	0	0	53.661	1.481	2.625	4.190	79.462.197	140.863.865	224.857.249
		0	0	0	1	87	1 805	3 953	6 529	157 723	345 456	570 648
		0	0	1	0	1 772	1 481	2 625	4 1 9 0	2 624 392	4 652 300	7 426 343
		0	0	1	1	9	1.805	3.953	6.529	16.455	36.040	59.533
		0	1	0	0	5.043	1.481	2.625	4,190	7.467.447	13.237.658	21.130.923
		0	1	0	1	159	1.805	3,953	6.529	287.353	629,380	1.039.653
		0	1	1	0	161	1,481	2.625	4,190	239.090	423.839	676.562
		0	1	1	1	4	1.805	3,953	6.529	7.625	16,701	27.589
		1	0	0	0	69	1.482	2.626	4,191	102,470	181.612	289.872
		1	0	1	0	12	1.482	2.626	4,191	17,133	30,366	48,467
		1	1	0	0	212	1.482	2.626	4,191	314.659	557.682	890,122
		1	1	1	0	2	1.482	2.626	4,191	2.306	4.088	6.524
	Fresh Herbaceous	0	0	0	0	24	240	10.649	24.395	5.707	253.407	580.503
	Wetland	0	0	1	0	2	18,025	29,509	44,330	32,070	52,502	78,870
		0	1	0	0	14	240	10.649	24.395	3.307	146.834	336.366
		0	1	1	0	7	18.025	29.509	44.330	128.279	210.008	315.482
	Grassland	0	0	0	0	31,783	66	168	264	2,090,351	5,336,290	8,382,140
		0	0	0	1	293	509	611	707	149,263	179,199	207,289
		0	0	1	0	655	66	168	264	43,061	109,928	172,673
		0	0	1	1	42	509	611	707	21.631	25.969	30.040
		0	1	0	0	6,986	65	164	264	455,945	1,145,785	1,842,332
		0	1	0	1	848	509	607	707	431,396	515,136	599,691
		0	1	1	0	198	24,435	29,814	50,947	4,836,441	5,901,052	10,084,071
		0	1	1	1	16	4,406	19,799	50,947	69,576	312,632	804,460
		1	0	0	0	727	66	168	264	47,815	122,063	191,735
		1	0	1	0	43	66	168	264	2,808	7,169	11,261
		1	1	0	0	1,488	65	164	264	97,094	243,996	392,326
		1	1	0	1	0.4	509	607	707	226	270	315
		1	1	1	0	0.4	24,435	29,814	50,947	10.868	13,261	22,661
	Lake	0	0	1	0	1.261	100	6,735	13.369	125,974	8,489,116	16,852,257
		0	0	1	1	5	100	6,735	13.369	489	32,950	65,411
		0	1	1	0	2.449	100	6.735	13.369	244.748	16.492.968	32,741.188
		0	1	1	1	34	100	6.735	13.369	3.423	230.650	457.877
		1	0	1	0	1	100	6,735	13,369	111	7,489	14,866

WMA	l and Cover	Agriculture	Coastal	Riparian	Urban	Acres	Minimum (\$/acre/vear)	Average (\$/acre/year)	High (\$/acre/ vear)	Minimum (\$/year)	Average (\$/vear)	High(\$/vear)
Humboldt		0	1	Ω	Ω	48	5 327	5 342	5 358	253 527	254 255	254 983
	Marine	0	1	1	0	2	5.327	5.342	5.358	9.478	9.505	9.532
		1	0	0	0	2.527	218	253	289	551.791	640.465	729.139
	-	1	0	0	1	34	218	253	289	7.431	8.625	9,819
		1	0	1	0	292	1.823	1.858	1.893	532,366	542.614	552.862
		1	0	1	1	3	1.823	1.858	1.893	4.865	4,959	5.053
	Pasture	1	1	0	0	7.668	218	253	289	1.674.656	1.943.776	2.212.896
		1	1	0	1	2,827	218	253	289	617,456	716,683	815,909
		1	1	1	0	471	1,823	1,858	1,893	858,354	874,877	891,400
		1	1	1	1	16	1,823	1,858	1,893	30,004	30,581	31,159
		0	0	1	0	10	865	12,506	40,284	9,038	130,718	421,070
		0	0	1	1	0.2	865	12,506	40,284	192	2,781	8,959
		0	1	1	0	182	865	12,506	40,284	157,684	2,280,613	7,346,324
	Reservoir	0	1	1	1	30	865	12,506	40,284	25,576	369,904	1,191,538
		1	1	1	0	8	865	12,506	40,284	6,923	100,124	322,522
		1	1	1	1	15,676	865	12,506	40,284	13,554,483	196,040,938	631,488,237
		0	0	1	0	1,289	5	6	6	6,455	7,173	7,890
		0	1	1	0	778	5	6	6	3,895	4,327	4,760
	River	0	1	1	1	4	5	6	6	18	20	22
		1	0	1	0	13	5	6	6	67	74	82
		1	1	1	0	289	5	6	6	1,447	1,608	1,769
		0	0	0	0	8	3,840	18,823	37,355	32,450	159,074	315,691
		0	0	1	0	1	3,840	18,823	37,355	2,562	12,558	24,923
		0	1	0	0	1,164	3,865	18,942	37,577	4,497,536	22,044,404	43,732,025
	Saline Herbaceous	0	1	0	1	140	3,865	18,942	37,577	540,598	2,649,710	5,256,534
	Welldin	0	1	1	0	56	3,865	18,942	37,577	216,583	1,061,569	2,105,956
		0	1	1	1	3	3,865	18,942	37,577	11,173	54,763	108,641
		1	1	0	0	2	3,865	18,942	37,577	8,595	42,126	83,570
		0	0	0	0	9,330	146	146	146	1,363,427	1,363,427	1,363,427
		0	0	0	1	6	146	146	146	910	910	910
]	0	0	1	0	282	224	413	767	63,003	116,297	215,985
		0	1	0	0	2,371	146	146	146	346,552	346,552	346,552
	Shrubland	0	1	0	1	57	146	146	146	8,288	8,288	8,288
		0	1	1	0	44	224	413	767	9,746	17,991	33,412
		0	1	1	1	11	224	413	767	2,536	4,681	8,694
		1	0	0	0	53	146	146	146	7,800	7,800	7,800
		1	1	0	0	87	146	146	146	12,708	12,708	12,708
Humboldt Total						721,435				1,272,285,571	2,213,954,751	3,776,008,736
Klamath	Beach	0	1	0	0	45	122,626	122,626	122,626	5,481,570	5,481,570	5,481,570
Klamath	_	0	0	0	0	2,123,632	1,503	2,628	4,339	3,192,431,979	5,580,397,433	9,214,260,468
Klamath		0	0	0	1	929	1,827	5,372	10,016	1,696,834	4,988,745	9,301,629
Klamath		0	0	1	0	63,913	1,503	2,628	4,339	96,079,273	167,947,362	277,311,923
Klamath		0	0	1	1	18	1,827	5,372	10,016	32,100	94,375	175,965
Klamath	Coniferous Forest	0	1	0	0	5,217	1,503	2,628	4,339	7,842,899	13,709,452	22,636,822
Klamath		0	1	1	0	52	1,503	2,628	4,339	77,563	135,581	223,869
Klamath	-	1	0	0	0	515,502	1,504	2,628	4,340	775,321,431	1,354,989,345	2,237,093,314
Klamath		1	O	0	1	7,712	1,828	5,372	10,016	14,095,884	41,431,513	77,245,179
Klamath	_	1	0	1	0	7,140	1,504	2,628	4,340	10,738,626	18,767,344	30,984,966
Klamath		1	0	1	1	61	1,828	5,372	10,016	112,191	329,760	614,807
Klamath	1	1	0	0	0	55,199	175	366	557	9,633,640	20,176,196	30,718,752
Klamath	Cropland	1	0	0	1	67,907	175	366	557	11,851,524	24,821,217	37,790,911
Klamath		1	0	1	0	830	175	366	557	144,930	303,533	462,137
Klamath		1	0	1	1	12	175	366	557	2,018	4,227	6,436

	Land Cover	griculture	oastal	liparian	Irban	Acros	Minimum (\$/acro/waar)	Average	High (\$/acre/	Minimum (\$/woor)	Average	High(\$/voor)
WMA Klamath	Lanu Cover		د ۱	~ ∠		ACTES	(\$/acre/year)	(\$/acre/year)	year) (100	212 (40 95/	270 /21 207	
Klamath	-	0		0	1	144,107	1,401	2,020	4,170	<u>213,407,034</u> 610 / 25	1 336 003	2 208 537
Klamath	-	0	0 N	1		6 083	1,005	2,700	0,027 /, 100	010,423	1,00,770	2,200,337
Klamath	-	0	n	1	1	0,000	1,401	2,023	4,170	60 832	15,700,073	25,470,570
Klamath	-	0	1	0	0	2 050	1,003	2,735	/, 100	/ 368 827	7 7// 687	12 362 638
Klamath	Deciduous Forest	0	1	1	n	2,730	1,401	2,023	4,170	4,300,027	203 162	32/ 303
Klamath	-	1	n N	n N	n	56.449	1,401	2,020	4,170	83 630 788	148 222 040	236 578 564
Klamath	-	1	n	n	1	2 152	1,402	3 953	6 530	3 884 840	8 506 977	14 051 394
Klamath	-	1	0	1	0	893	1,000	2 626	4 191	1 322 886	2 344 602	3 742 240
Klamath		1	0	1	1	20	1.805	3.953	6.530	36.536	80.006	132.149
Klamath		0	0	0	0	7.622	240	10.649	24.395	1.827.917	81.165.922	185.934.457
Klamath		0	0	0	1	33	240	11,905	27,863	7,947	394,486	923,289
Klamath	1	0	0	1	0	875	18,025	29,509	44,330	15,778,273	25,830,968	38,804,257
Klamath		0	0	1	1	7	18,025	30,765	47,798	120,261	205,260	318,904
Klamath	Fresh Herbaceous	0	1	0	0	40	240	10,649	24,395	9,654	428,660	981,972
Klamath	Wetland	0	1	1	0	6	18,025	29,509	44,330	116,253	190,320	285,905
Klamath	1	1	0	0	0	34,757	240	10,465	24,395	8,335,660	363,745,350	847,897,366
Klamath	1	1	0	0	1	173	240	11,721	27,863	41,602	2,033,217	4,833,327
Klamath	1	1	0	1	0	731	39,422	50,722	65,727	28,800,325	37,056,091	48,017,896
Klamath	1	1	0	1	1	29	39,422	51,978	69,195	1,157,273	1,525,876	2,031,300
Klamath		0	0	0	0	113,551	66	168	264	7,468,187	19,064,938	29,946,832
Klamath	1	0	0	0	1	762	509	611	707	387,880	465,672	538,668
Klamath	1	0	0	1	0	2,076	66	168	264	136,556	348,603	547,579
Klamath]	0	0	1	1	22	509	611	707	11,325	13,596	15,728
Klamath	Crossland	0	1	0	0	291	65	164	264	19,001	47,749	76,776
Klamath	Glassialiu	0	1	1	0	6	24,435	29,814	50,947	157,592	192,281	328,582
Klamath		1	0	0	0	189,771	66	168	264	12,481,157	31,862,147	50,048,438
Klamath]	1	0	0	1	10,053	509	611	707	5,119,450	6,146,184	7,109,628
Klamath]	1	0	1	0	2,473	66	168	264	162,621	415,143	652,098
Klamath		1	0	1	1	73	509	611	707	36,919	44,324	51,272
Klamath		0	0	1	0	25,509	100	6,735	13,369	2,549,294	171,790,768	341,032,243
Klamath		0	0	1	1	43	100	6,735	13,369	4,267	287,564	570,860
Klamath	Lake	0	1	1	0	26	100	6,735	13,369	2,623	176,732	350,841
Klamath		1	0	1	0	24,204	100	6,735	13,369	2,418,874	163,002,107	323,585,340
Klamath		1	0	1	1	1,521	100	6,735	13,369	152,045	10,245,949	20,339,854
Klamath	Marine	0	1	0	0	4	5,327	5,342	5,358	23,694	23,762	23,830
Klamath	Maine	0	1	1	0	0.2	5,327	5,342	5,358	1,185	1,188	1,192
Klamath	_	0	0	0	0	61	1,414	2,484	3,674	85,877	150,806	223,077
Klamath	Mixed Forest	0	0	1	0	2	1,414	2,484	3,674	2,517	4,419	6,537
Klamath		1	0	0	0	1	1,415	2,485	3,675	1,574	2,763	4,086
Klamath	_	1	0	0	0	108,489	218	253	289	23,692,976	27,500,483	31,307,989
Klamath	_	1	0	0	1	19,981	218	253	289	4,363,624	5,064,867	5,766,109
Klamath	Pasture	1	0	1	0	2,466	1,823	1,858	1,893	4,496,524	4,583,082	4,669,641
Klamath		1	0	1	1	107	1,823	1,858	1,893	194,214	197,953	201,691
Klamath	-	1	1	0	0	123	218	253	289	26,859	31,175	35,491
Klamath		1	1	1	0	10	1,823	1,858	1,893	17,435	17,770	18,106
Klamath	-	0	0	1	0	11	865	12,506	40,284	9,230	133,499	430,029
Klamath	Reservoir	0	0	1	1	10	865	12,506	40,284	9,038	130,718	421,070
Klamath		1	0	1	0	190	865	12,506	40,284	164,607	2,380,737	7,668,846
Klamath		1	0	1	1	47	865	12,506	40,284	40,383	584,059	1,881,376
Klamath	-	0	0	1	0	7,901	5	6	6	39,553	43,948	48,343
Klamath	River	0	1	1	0	899	5	6	6	4,501	5,002	5,502
Klamath		1	0	1	0	620	5	6	6	3,103	3,448	3,793

	Land Cover	Agriculture	coastal	liparian	Irban	Acros	Minimum (\$/acro/waar)	Average	High (\$/acre/	Minimum (Slypost)	Average (\$/voor)	High(\$/yoar)
Klamath	Lallu Covel		0	0		ALTES			year J 1//	20 202 784		80 202 784
Klamath	_	0	0	0	<u> </u>	1 082	140	140	140	07,272,700	158 082	158 082
Klamath	_	0	0	1	ו ח	1,002	226	(13	767	1 016 260	1 972 210	3 / 77 07/
Klamath	_	0	0	1	1	4,000	224	413	707	1,014,207	1,072,217 5 500	J,477,074 10 300
Klamath	_	0	1	1 0	 	14 606	1/6	413	1/6	98 204	99 504	88 504
Klamath	Shrubland	0	1	1	0	000 8	226	/13	767	1 8/0	3 306	6 307
Klamath	_	1	0	0	0 N	107 175	1/6	1/6	1/6	28 81/ 837	28 816 837	28 81/ 837
Klamath	_	1	0	n	1	11 627	140	140	140	1 600 221	1 600 221	1 600 221
Klamath	-	1	n	1	י ח	500	140	18 600	18 95/	9 208 779	9 303 0/8	9 /80 001
Klamath	_	1	n	1	1	31	18,411	18,600	18 95/	569 130	57/,977	585 91/
Klamath Total			0	1	-	/ //3 //97	10,411	10,000	10,704	693 389 179	8 885 911 /03	1/ 935 068 822
North Coast		0	1	n	Π	4,440,477	13 042	13 091	13 140	176 925	177 592	178 260
North Coast	– Bay/Estuary	1	1	1	n N	1	13,042	13,091	13 140	11 602	11 645	11 689
North Coast		0	1	n	n	707	127 626	122 626	122 626	86 723 341	86 723 341	86 723 341
North Coast	_	n	1	n	1	7 07	6.398	543 121	2 123 622	44 106	3 744 408	14 640 757
North Coast	Beach	n	1	1	n N	33	122 626	127 626	120,022	4 036 181	4 036 181	4 036 181
North Coast	_	1	1	n	n	12	122,626	122,626	122,020	1 418 118	1 418 118	1 418 118
North Coast		0	n	n	n N	1 120 866	1 503	2 628	4 339	1 684 985 276	2 945 368 161	4 863 343 469
North Coast	_	n	n	n	1	18 890	1,000	5 372	10 016	34 513 672	101 471 260	189 195 481
North Coast	_	n	n	1	n N	48,332	1,503	2 628	4,339	72 656 557	127 004 261	209 707 347
North Coast	_	n	n	1	1	161	1,000	5 372	10 016	2,000,007	863 712	1 610 611
North Coast	_	n	1	n	 N	1/3 9/0	1,027	2 628	/, 330	216 382 971	378 239 219	626 562 377
North Coast	-	n	1	n	1	32 235	1,000	5 372	10 016	58 895 098	173 153 406	322 848 478
North Coast	Coniferous Forest	n	1	1	n N	2 943	1,503	2 628	4 339	4 474 774	7 734 541	12 771 147
North Coast		n	1	1	1	134	1,800	5 372	10 016	245 423	721 552	1 345 350
North Coast	-	1	n	n	n N	13 128	1,027	2 628	4 340	19 743 953	34 505 490	56 968 714
North Coast	_	1	n	1	0 N	62	1,504	2,628	4,040	93 321	163 093	269 267
North Coast	_	1	1	n	0 N	4 7 4 4	1,504	2,628	4,040	6 383 637	11 156 354	18 419 189
North Coast	_	1	1	n	1	8 3 4 9	1,804	5 372	10 016	15 260 481	44 854 568	83 627 145
North Coast	_	1	1	1	N	11	1,620	2 628	4 340	17 059	29 813	49 221
North Coast		1	N	N	0 N	5 535	175	366	557	966 069	2 023 285	3 080 502
North Coast	_	1	n	n	1	8	175	366	557	1 397	2,020,200	4 456
North Coast	_	1	n	1		103	175	366	557	18 048	37 799	57 551
North Coast	- Cropland	1	1	N	0 N	4 828	175	366	557	842 642	1 764 786	2 686 930
North Coast	_	1	1	0	1	99	175	366	557	17 311	36 255	55 199
North Coast	_	1	1	1	0	71	175	366	557	12,420	26.013	39,605
North Coast		0	0	0	0	200.366	1.481	2.625	4.190	296.704.799	525.973.181	839.597.032
North Coast	_	0	0	0	1	120	1.805	3,953	6.529	215.916	472.914	781.192
North Coast	_	0	0	1	0	8.026	1,481	2.625	4,190	11.884.355	21.067.580	33.629.619
North Coast	-	0	0	1	1	0.2	1.805	3,953	6.529	401	879	1.452
North Coast	_	0	1	0	0	11.217	1,481	2.625	4,190	16.609.841	29.444.522	47.001.509
North Coast	-	0	1	0	1	306	1 805	3 953	6 529	551 831	1 208 656	1 996 541
North Coast	Deciduous Forest	0	1	1	N	567	1 481	2 625	4 190	839 779	1 488 689	2 376 355
North Coast	-	0	1	1	1	23	1 805	3 953	6 529	40 936	89 660	148 107
North Coast	_	1	0	0	N	5 267	1 482	2 626	4 1 9 1	7 802 887	13 829 354	22 073 160
North Coast	_	1	0	1	0	117	1,482	2.626	4,191	173.639	307.747	491,198
North Coast	1	1	1	0	0	1 505	1 487	2,626	4 191	2.229 961	3,957,745	6.308 215
North Coast	-	1	1	1	0	41	1 482	2,020	4 191	60 955	108 033	177 4.37
North Coast		n	n	n	n N	211	7 <u>/</u> /	10.649	24 395	50,735	2 247 504	5 148 570
North Coast	Fresh Herhaceous	n	n	1	n N	211	18 025	29 509	44 330	400 871	656 275	985 881
North Coast	Wetland	n	1	N	Ŋ	112	240	10 649	24 395	26 774	1 188 880	2 723 480
North Coast	-	Ũ	1	1	0	6	18.025	29,509	44.330	116,253	190,320	285,905

WAA Average (Syster) Minimum Average (Syster) (Sy			ulture	al	an					High			
WMA Land Cover V2 ar bits Acres Lylacr/year Lylacr/year <thlylacr th="" year<=""> Lylacr/year Lylacr/yea</thlylacr>			lric	ast	pari	ban		Minimum	Average	(\$/acre/	Minimum	Average	
North Coast 0 <th< td=""><td>WMA</td><td>Land Cover</td><td>Ă</td><td>පි</td><td>ïZ</td><td>Ľ</td><td>Acres</td><td>(\$/acre/year)</td><td>(\$/acre/year)</td><td>year)</td><td>(Ş/year)</td><td>(Ş/year)</td><td>High(Ş/year)</td></th<>	WMA	Land Cover	Ă	පි	ïZ	Ľ	Acres	(\$/acre/year)	(\$/acre/year)	year)	(Ş/year)	(Ş/year)	High(Ş/year)
North Coast 0 0 0 1 288 399 611 707 146,272 172,207 203,922 North Coast 0 0 1 0 1 0 1 0 1 203,921 349,921 North Coast 0 1 0 0 5 566 65 131,45 66 132,45 839,721 131,31,53 349,921 North Coast 0 1 1 0 55,96 66 164 60,47 707 814,143 8,312,521 133,559 North Coast 0 0 0 1 8 4,466 19,799 56,477 73,717 174,207 12,479 33,571 155,181 407,995 155,181 407,995 155,181 407,997 153,497 13,349 139,998 2,479,971 153,451 154,191 154,191 154,191 154,191 154,191 154,191 154,191 154,191 154,191 154,191 154,191	North Coast	_	0	0	0	0	82,676	66	168	264	5,437,601	13,881,218	21,804,345
North Coast 0 0 1 0 1 0 2 66 168 264 267.264 227.97 333 135 North Coast 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 1 0 0 1 1 0 0 1 1 0 0 1 0 0 1 0 0 0 1 1 0 0 0 1 1 0	North Coast	_	0	0	0	1	288	509	611	707	146,772	176,207	203,829
North Coast 0 0 1 0 0 0 1 0 0 1 0 1 0 1 <th< td=""><td>North Coast</td><td>_</td><td>0</td><td>0</td><td>1</td><td>0</td><td>1,327</td><td>66</td><td>168</td><td>264</td><td>87,264</td><td>222,769</td><td>349,921</td></th<>	North Coast	_	0	0	1	0	1,327	66	168	264	87,264	222,769	349,921
North Coast I <thi< th=""> I <thi< th=""> <thi< th=""> <thi< th=""> <thi< t<="" td=""><td>North Coast</td><td>4</td><td>0</td><td>0</td><td>1</td><td>1</td><td>0.2</td><td>509</td><td>611</td><td>707</td><td>113</td><td>136</td><td>157</td></thi<></thi<></thi<></thi<></thi<>	North Coast	4	0	0	1	1	0.2	509	611	707	113	136	157
North Coast Image: model of the state of th	North Coast	_	0	1	0	0	50,680	65	164	264	3,307,824	8,312,532	13,365,899
North Coast Grassland 0 1 1 0 487 22,435 29,841 59,947 13,800,381 15,97,307 24,799,951 North Coast 1 0 0 1 1 8 4,466 19,799 59,947 35,278 18,816 407,895 North Coast 1 0 0 15,560 66 168 264 712,079 1,817,302 2,855,378 North Coast 1 1 0 0 1,745 509 607 707 1,266,169 1,54,482 2,439,987 North Coast 0 0 1 1 0 3070 1,073 1,349 30,933 2,972,77 4,407,57 4,309,987 North Coast 1 0 1 1 0 3070 1,03,99 2,007,921 4,972,92 4,023,987 North Coast 0 1 1 0 3070 1,349 3,039 2,027,72 4,972,92 1,03,99	North Coast		0	1	0	1	1,600	509	607	707	814,143	972,180	1,131,753
North Coast	North Coast	Grassland	0	1	1	0	487	24,435	29,814	50,947	11,890,038	14,507,307	24,790,951
North Coast I 0 0 0 10.827 66 168 264 712,079 1.817.088 2.285.378 North Coast 1 1 0 0 12,646 666 164 264 825.407 2.074.239 3.335.214 North Coast 1 1 0 0 12,646 666 164 264 825.407 2.074.239 3.335.214 North Coast 1 1 0 52 2.4435 2.931.41 50.947 1.26.169 1.54.482 2.439.987 North Coast 0 1 0 3.01 100 6.735 13.369 2.495.197.109 389.573 North Coast 0 1 0 2.267 100 6.735 13.369 2.495.197.109 389.573 North Coast 1 0 0 2.876 100 6.735 13.369 2.496 197.093 197.931 North Coast Marine 0 1 0	North Coast	_	0	1	1	1	8	4,406	19,799	50,947	35,278	158,518	407,895
North Coast North Coast 1 0 1 0 0 59 66 168 264 3.905 9.970 15.600 North Coast 1 1 0 0 12.646 65 164 264 825.607 2.074238 3.335214 North Coast 1 1 0 0 52 2.435 2.9314 50.947 1.264.169 1.544.882 2.639.877 North Coast 0 1 1 0 301 100 6.735 13.369 3.0883 2.472.17 4.947.452 North Coast 1 0 1 0 2.875 100 6.735 13.369 2.840 191.717 3.984.742.07 North Coast 1 0 2.875 100 6.735 13.369 2.870 1.934.115 38.43.420 North Coast Marine 0 1 0 2.5.377 5.5.42 5.536 10.955 1.90.11724 North Co	North Coast		1	0	0	0	10,827	66	168	264	712,079	1,817,808	2,855,378
North Coast North Coast 1 1 0 0 12,646 65 164 26,64 825,407 2,074,239 3,335,214 North Coast 1 1 0 0 1 0 522 2,4435 29,914 60,947 1,26,169 1,54,482 2,639,987 North Coast 0 1 1 0 3301 100 6,735 13,369 30,093 2,492,217 4,927,452 North Coast 0 1 1 0 370 100 6,735 13,369 2,492,217 4,927,452 North Coast 1 0 1 0 2,875 100 6,735 13,369 2,492,217 4,947,452 North Coast North Coast 1 0 0 1,149 5,327 5,342 5,538 10,60 10,931 10,993,10 North Coast Marine 0 0 1 1 6,42,29 5,358 10,662 10,933 10,724	North Coast		1	0	1	0	59	66	168	264	3,905	9,970	15,660
North Coast 1 1 0 1 745 509 607 707 379.013 642.585 526.872 North Coast 0 0 1 0 520 24.435 29.814 50.947 1.266.169 1.564.4882 2.639.987 North Coast 0 1 0 301 100 6.735 13.369 30.983 2.472.217 4.947.551 North Coast 1 1 1 0 370 100 6.735 13.369 2.845 191.709 384.3573 North Coast 1 1 0 2.27 5.342 5.336 793.753 796.031 798.310 North Coast Marine 0 1 0 4 5.327 5.342 5.388 793.753 796.031 798.310 North Coast Mixed Forest 0 0 1 0 4 5.327 5.342 5.388 79.875 19.010 19.044 North Coast <th< td=""><td>North Coast</td><td></td><td>1</td><td>1</td><td>0</td><td>0</td><td>12,646</td><td>65</td><td>164</td><td>264</td><td>825,407</td><td>2,074,239</td><td>3,335,214</td></th<>	North Coast		1	1	0	0	12,646	65	164	264	825,407	2,074,239	3,335,214
North Coast 1 1 1 1 1 0 52 24,435 29,814 50,947 1,266,169 1,544,882 2,263,987 North Coast 0 1 1 0 301 100 6,735 13,369 30,093 2,027,922 4,025,751 North Coast 0 1 1 0 220 100 6,735 13,369 36,983 2,427,217 4,474,52 North Coast 1 1 0 220 100 6,735 13,369 2,845 191,709 380,573 North Coast Marine 0 1 0 1 2207 5,342 5,386 793,753 796,031 798,310 North Coast Marine 0 1 0 1 4 5,327 5,342 5,358 10,662 10,959 11,944 3,447 North Coast Mixed Forest 0 0 0 1 1 1 1 1 1	North Coast		1	1	0	1	745	509	607	707	379,013	452,585	526,872
North Coast 0 0 1 0 301 100 6.735 13.369 30.093 2.027.922 4.025.751 North Coast 0 1 1 0 370 100 6.735 13.369 36.983 2.492.17 4.947.452 North Coast 1 0 1 0 22 100 6.735 13.369 2.946.191.709 98.937.31 North Coast 1 1 1 0 2.287 100 6.735 13.369 2.940.118.83.49.90 North Coast Marine 0 1 0 2.875 100 6.735 13.369 2.940.118.83.49.90 798.301 798.51 79.010 79.042	North Coast		1	1	1	0	52	24,435	29,814	50,947	1,266,169	1,544,882	2,639,987
North Coast Lake 0 1 1 0 370 100 6.735 13.369 36.983 2.492.17 4.947.452 North Coast 1 1 1 0 22 100 6.735 13.369 2.845 191.709 380.573 North Coast 1 1 0 2.875 100 6.735 13.369 2.801 19.361,115 38.434,920 North Coast Marine 0 1 0 0 144 5.327 5.342 5.358 19.050 10.93,01 10.924 North Coast Mixed Forest 0 0 0 144 1.659 3.983 7.487 73.065 175.407 329.678 North Coast North Coast 0 0 0 1.44 1.659 3.983 7.487 1.946.5 4.299 8.325 North Coast 1 0 0 2.229 2.18 2.53 2.89 1.748 2.029 2.33	North Coast		0	0	1	0	301	100	6,735	13,369	30,093	2,027,922	4,025,751
North Coast Lake 0 1 1 1 28 100 6.735 13,369 2.845 191,709 380,573 North Coast 1 1 0 2,201 6.735 13,369 2.200 144,275 224,350 North Coast 0 1 0 2,475 100 6.735 13,369 22.010 144,275 224,350 North Coast Marine 0 1 0 1.49 5.327 5.342 5.358 793,753 796,031 798,310 North Coast 0 1 0 4 5.327 5.342 5.358 10,662 10,673 10,724 North Coast 0 0 1 0 4 5.327 5.342 5.358 10,662 10,724 10,742 660,242 North Coast Mixed Forest 0 0 1 1 1 1.659 3.983 7.487 13,454 4.429 8.3327 North Coast	North Coast		0	1	1	0	370	100	6,735	13,369	36,983	2,492,217	4,947,452
North Coast 1 0 22 100 6.735 13,399 2,200 148,275 294,350 North Coast 1 1 0 2,875 100 6.735 13,369 2200 148,275 294,350 North Coast Marine 0 1 0 0 149 5.327 5.342 5.358 793,753 796,131 798,310 North Coast 0 1 1 0 4 5.327 5.342 5.358 18,955 19,010 19,044 North Coast Mixed Forest 0 0 1 44 1.659 3.983 7.487 73.055 175.007 329,578 North Coast 0 0 1 1 1.659 3.983 7.487 1.845 4.429 8.325 North Coast Pasture 1 0 0 2.829 1.845 1.842 2.332,475 2.332,475 2.332,475 2.332,475 2.332,475 2.332,475 2.332,475	North Coast	Lake	0	1	1	1	28	100	6,735	13,369	2,845	191,709	380,573
North Coast 1 1 1 1 0 2.875 100 6.735 13.369 287.310 19.361.115 38.434.920 North Coast Marine 0 1 0 1 2 5.327 5.342 5.358 10.662 10.693 10.724 North Coast Mixed Forest 0 0 1 2 5.327 5.342 5.358 10.662 10.693 10.724 North Coast Mixed Forest 0 0 0 180 1.414 2.484 3.674 10.652 175.407 329.670 North Coast Mixed Forest 0 0 0 1 1 1.659 3.983 7.487 1.845 4.429 8.325 North Coast North Coast 1 0 0 2.829 2.185 2.899 466.655 56.60.99 643.32 North Coast 1 0 0 1 1 1.697 1.828 1.893 17.6374 <td< td=""><td>North Coast</td><td></td><td>1</td><td>0</td><td>1</td><td>0</td><td>22</td><td>100</td><td>6,735</td><td>13,369</td><td>2,200</td><td>148,275</td><td>294,350</td></td<>	North Coast		1	0	1	0	22	100	6,735	13,369	2,200	148,275	294,350
North Coast Marine 0 1 0 149 5.327 5.342 5.388 793,753 796,031 798,310 North Coast 0 1 0 1 2 5.327 5.342 5.388 10.662 10.693 10.793 10.724 North Coast Mixed Forest 0 0 0 1 4 5.327 5.342 5.388 18.955 19.010 19.064 North Coast Mixed Forest 0 0 1 44 1.659 3.983 7.487 73.055 175.407 329.678 North Coast 0 0 1 1 1.659 3.983 7.487 73.055 175.407 329.678 North Coast 0 0 1 1 1.695 3.983 7.487 1.845 4.429 8.232 North Coast Pasture 1 0 0 2.202 218 253 289 48.655 5.6.0.093 6.43.332	North Coast		1	1	1	0	2,875	100	6,735	13,369	287,310	19,361,115	38,434,920
North Coast Marine 0 1 0 1 2 5,327 5,342 5,358 10,662 10,693 10,724 North Coast 0 1 1 0 4 5,327 5,342 5,358 19,955 19,010 19,064 North Coast Mixed Forest 0 0 0 1 14 2,484 3,674 254,171 446,342 60,242 North Coast 0 0 0 1 44 1,659 3,983 7,487 73,055 175,607 329,678 North Coast 0 0 1 1 1,659 3,983 7,487 1,845 4,429 8,325 North Coast 0 0 1 1 1 1 1 6,66 1,748 2,029 2,310 North Coast 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1<	North Coast		0	1	0	0	149	5,327	5,342	5,358	793,753	796,031	798,310
North Coast 0 1 1 0 4 5,327 5,342 5,358 18,955 19,010 19,064 North Coast Mixed Forest 0 0 0 1 144 1,414 2,484 3,674 254,171 446,342 660,242 North Coast 0 0 1 1 444 1,659 3,983 7,487 73,055 175,407 329,678 North Coast 0 0 1 1 1,659 3,983 7,487 18,455 4,429 8,325 North Coast 1 0 0 2,229 218 253 289 1,66,855 565,093 643,332 North Coast Pasture 1 0 0 2,229 218 253 289 1,744 2,029 2,310 North Coast 1 1 0 9,020 218 253 289 2,009,538 2,332,475 2,655,411 North Coast 1 <	North Coast	Marine	0	1	0	1	2	5,327	5,342	5,358	10,662	10,693	10,724
North Coast Mixed Forest 0 0 0 180 1,414 2,484 3,674 254,171 446,342 660,242 North Coast 0 0 0 1 444 1,659 3,983 7,487 73,055 175,407 329,678 North Coast 0 0 1 0 8 1,414 2,484 3,674 10,695 18,782 27,782 North Coast 1 0 0 2,229 218 253 289 1,748 2,029 2,310 North Coast 1 0 0 9,702 218 253 289 1,748 2,029 2,310 North Coast 1 1 0 9,202 218 253 289 2,009,538 2,332,475 2,655,411 North Coast 0 1 1 0 9,202 218 2,556 40,284 6,154 89,000 286,665 North Coast 0 1 1 <td>North Coast</td> <td>1</td> <td>0</td> <td>1</td> <td>1</td> <td>0</td> <td>4</td> <td>5,327</td> <td>5,342</td> <td>5,358</td> <td>18,955</td> <td>19,010</td> <td>19,064</td>	North Coast	1	0	1	1	0	4	5,327	5,342	5,358	18,955	19,010	19,064
North Coast North Coast Mixed Forest 0 0 1 44 1,659 3,983 7,487 73,055 175,407 329,678 North Coast 0 0 1 0 8 1,414 2,484 3,674 10,695 18,782 27,782 North Coast 0 0 1 1 1 1,659 3,983 7,487 1,845 4,429 8,332 North Coast North Coast 1 0 0 2,229 218 253 289 1,748 2,029 3,043 3,044 North Coast 1 0 0 9,797 1,823 1,858 1,893 176,374 179,769 183,164 North Coast 1 1 0 9,702 218 253 289 2,009,538 2,332,475 2,655,411 North Coast 0 0 1 0 149 1,823 1,868 1,893 176,374 179,769 183,164 Nor	North Coast		0	0	0	0	180	1,414	2,484	3,674	254,171	446,342	660,242
North Coast Mixed Forest 0 0 1 0 8 1,414 2,484 3,674 10,695 18,782 27,782 North Coast 0 0 1 1 1 1,659 3,983 7,487 1,845 4,429 8,325 North Coast Pasture 1 0 0 2,229 218 253 289 486,855 565,093 643,332 North Coast 1 0 1 8 218 253 289 1,748 2,029 2,310 North Coast 1 0 9,702 218 253 289 2,009,538 2,332,475 2,655,411 North Coast 1 1 0 9,202 218 256 40,284 6,154 89,000 286,686 North Coast 0 1 1 1 865 12,506 40,284 6,154 89,000 286,686 North Coast 0 1 1 0	North Coast		0	0	0	1	44	1,659	3,983	7,487	73,055	175,407	329,678
North Coast 0 0 1 1 1 1,659 3,983 7,487 1,845 4,429 8,325 North Coast North Coast 1 0 0 2,229 218 253 289 486,855 565,093 643,332 North Coast Pasture 1 0 0 2,229 218 253 289 1,748 2,029 2,310 North Coast 1 0 0 9,202 218 253 289 2,009,538 2,332,475 2,655,411 North Coast 1 1 0 0 9,202 218 253 289 2,009,538 2,332,475 2,655,411 North Coast 0 0 1 0 149 1,823 1,858 1,893 272,062 277,299 282,556 North Coast 0 0 1 1 1 1 865 12,506 40,284 16,730 241,967 779,427 North	North Coast	MIXED FOREST	0	0	1	0	8	1,414	2,484	3,674	10,695	18,782	27,782
North Coast I 0 0 2,229 218 253 289 486,855 565,093 643,332 North Coast Pasture 1 0 0 1 8 218 253 289 1,748 2,029 2,310 North Coast 1 0 1 0 9,77 1,823 1,858 1,893 176,374 179,769 183,164 North Coast 1 1 0 9,702 218 253 289 2,009,538 2,332,475 2,655,411 North Coast 1 1 0 9,702 218 253 289 2,009,538 2,332,475 2,655,411 North Coast 1 1 0 149 1,823 1,858 1,893 272,062 277,299 282,566 North Coast 0 1 1 0 19 865 12,506 40,284 16,730 241,967 779,427 North Coast 1 0 <td< td=""><td>North Coast</td><td></td><td>0</td><td>0</td><td>1</td><td>1</td><td>1</td><td>1,659</td><td>3,983</td><td>7,487</td><td>1,845</td><td>4,429</td><td>8,325</td></td<>	North Coast		0	0	1	1	1	1,659	3,983	7,487	1,845	4,429	8,325
North Coast Pasture 1 0 0 1 8 218 253 289 1.748 2.029 2.310 North Coast 1 0 1 0 97 1.823 1.858 1.893 176.374 179.769 183.164 North Coast 1 1 0 97.202 218 253 289 2.009.538 2.332.475 2.655.411 North Coast 1 1 0 0 9.202 218 253 289 2.009.538 2.332.475 2.655.411 North Coast 0 0 1 0 7 8.65 12.506 40.284 6.154 89.000 286.686 North Coast 0 1 1 0 19 865 12.506 40.284 6.154 89.000 286.686 North Coast 0 1 1 0 19 865 12.506 40.284 16.730 241.967 779.427 North Coast <td>North Coast</td> <td></td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>2,229</td> <td>218</td> <td>253</td> <td>289</td> <td>486,855</td> <td>565,093</td> <td>643,332</td>	North Coast		1	0	0	0	2,229	218	253	289	486,855	565,093	643,332
North Coast Pasture 1 0 1 0 97 1,823 1,858 1,893 176,374 179,769 183,164 North Coast 1 1 0 9,202 218 253 289 2,009,538 2,332,475 2,655,411 North Coast 1 1 1 0 9,202 218 253 289 2,009,538 2,332,475 2,655,411 North Coast 1 1 1 0 149 1,823 1,858 1,893 272,062 277,299 282,536 North Coast 0 0 1 0 7 865 12,506 40,284 6,154 89,000 286,686 North Coast 0 1 1 0.4 865 12,506 40,284 16,730 241,967 779,427 North Coast 0 1 1 0.4 865 12,506 40,284 385 5,562 17,918 North Coast 0	North Coast	1	1	0	0	1	8	218	253	289	1,748	2,029	2,310
North Coast 1 1 0 0 9,202 218 253 289 2,009,538 2,332,475 2,655,411 North Coast 1 1 1 0 149 1,823 1,858 1,893 272,062 277,299 282,536 North Coast 0 0 1 0 7 865 12,506 40,284 6,154 89,000 286,686 North Coast 0 0 1 1 0 19 865 12,506 40,284 769 11,125 35,836 North Coast 0 1 1 0.4 865 12,506 40,284 385 5,562 17,918 North Coast 1 0 1 0 26 865 12,506 40,284 22,307 322,623 1,039,236 North Coast 1 0 1,259 5 6 6 365 406 446 North Coast 0 1 1	North Coast	Pasture	1	0	1	0	97	1,823	1,858	1,893	176,374	179,769	183,164
North Coast 1 <th< td=""><td>North Coast</td><td>1</td><td>1</td><td>1</td><td>0</td><td>0</td><td>9,202</td><td>218</td><td>253</td><td>289</td><td>2,009,538</td><td>2,332,475</td><td>2,655,411</td></th<>	North Coast	1	1	1	0	0	9,202	218	253	289	2,009,538	2,332,475	2,655,411
North Coast 0 0 1 0 7 865 12,506 40,284 6,154 89,000 286,686 North Coast North Coast 0 0 1 1 1 865 12,506 40,284 6,154 89,000 286,686 North Coast 0 1 1 0 19 865 12,506 40,284 16,730 241,967 779,427 North Coast 0 1 1 0 19 865 12,506 40,284 16,730 241,967 779,427 North Coast 1 0 1 0 26 865 12,506 40,284 22,307 322,623 1,039,236 North Coast 1 0 1 0 1,468 5 6 6 7,351 8,167 8,984 North Coast 0 0 1 1 0 1,259 5 6 6 326 3362 3999 No	North Coast	1	1	1	1	0	149	1,823	1,858	1,893	272,062	277,299	282,536
North Coast 0 0 1 1 1 865 12,506 40,284 769 11,125 35,836 North Coast 0 1 1 0 19 865 12,506 40,284 769 11,125 35,836 North Coast 0 1 1 0 19 865 12,506 40,284 16,730 241,967 779,427 North Coast 0 1 1 0.4 865 12,506 40,284 385 5,562 17,918 North Coast 1 0 1 0 26 865 12,506 40,284 22,307 322,623 1,039,236 North Coast 1 0 1.468 5 6 6 7,351 8,167 8,984 North Coast 0 0 1 1 0.1,259 5 6 6 326 362 399 North Coast 0 1 1 0 26	North Coast		0	0	1	0	7	865	12.506	40.284	6.154	89.000	286.686
North Coast Reservoir 0 1 1 0 19 865 12,506 40,284 16,730 241,967 779,427 North Coast 0 1 1 0 1 1 0 1 0 1 1 0 1 0 1 1 1 0 1 1 1 0 1	North Coast	1	0	0	1	1	1	865	12.506	40.284	769	11.125	35.836
North Coast 0 1 1 0.4 865 12,506 40,284 385 5,562 17,918 North Coast 1 0 1 0 26 865 12,506 40,284 385 5,562 17,918 North Coast 1 0 1 0 26 865 12,506 40,284 22,307 322,623 1,039,236 North Coast 0 0 1 0 1,468 5 6 6 7,351 8,167 8,984 North Coast 0 0 1 1 73 5 6 6 365 406 446 North Coast 0 1 1 0 1,259 5 6 6 326 362 399 North Coast 0 1 1 0 26 5 6 6 132 147 162 North Coast 1 1 0 349 5	North Coast	Reservoir	0	1	1	0	19	865	12,506	40,284	16,730	241,967	779,427
North Coast 1 0 1 0 26 865 12,506 40,284 22,307 322,623 1,039,236 North Coast 0 0 1 0 1,468 5 6 6 7,351 8,167 8,984 North Coast 0 0 1 0 1,468 5 6 6 7,351 8,167 8,984 North Coast 0 0 1 1 73 5 6 6 365 406 446 North Coast 0 1 1 0 1,259 5 6 6 6 362 399 North Coast 0 1 1 0 26 5 6 6 132 147 162 North Coast 1 0 1 0 349 5 6 6 1,748 1,942 2,136 North Coast 0 0 1 19 3,840	North Coast		0	1	1	1	0.4	865	12,506	40,284	385	5.562	17,918
North Coast 0 0 1 0 1.40	North Coast		1	0	1	0	26	865	12 506	40 284	22 307	372 623	1 039 236
North Coast 0 0 1 1 73 5 6 6 365 406 446 North Coast 0 1 1 0 1,259 5 6 6 365 406 446 North Coast 0 1 1 0 1,259 5 6 6 6 365 7,006 7,706 North Coast 0 1 1 0 1,259 5 6 6 6 326 362 399 North Coast 0 1 1 0 26 5 6 6 132 147 162 North Coast 1 1 0 349 5 6 6 1,748 1,942 2,136 North Coast 0 0 1 1.9 3,840 18,823 37,355 71,732 351,637 697,843 North Coast Wetland 0 0 1.1 2 <	North Coast		0	0	1	0	1.468	5	6	6	7.351	8,167	8,984
North Coast River 0 1 1 0 1,259 5 6 6 6,305 7,006 7,706 North Coast 0 1 1 0 1,259 5 6 6 6,305 7,006 7,706 North Coast 0 1 1 0 1,259 5 6 6 6 326 362 399 North Coast 0 1 1 0 26 5 6 6 132 147 162 North Coast 1 1 0 349 5 6 6 1,748 1,942 2,136 North Coast 0 0 1 19 3,840 18,823 37,355 71,732 351,637 697,843 North Coast 0 0 1 1 2 3,840 18,823 37,577 1,342,471 6,580,042 13,053,587 North Coast Wetland 0 1	North Coast	-	0	0	1	1	73	5	6	6	365	406	446
North Coast River 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 2 5 6 6 3 3 6 3 2 3 9	North Coast	-	0	1	1	0	1 259	5	6	6	6 305	7 006	7 706
North Coast 1 0 26 5 6 6 132 147 162 North Coast 1 0 1 0 26 5 6 6 132 147 162 North Coast 1 1 1 0 349 5 6 6 1,748 1,942 2,136 North Coast 0 0 1 19 3,840 18,823 37,355 71,732 351,637 697,843 North Coast 0 0 1 1 2 3,840 18,823 37,355 71,732 351,637 697,843 North Coast 0 0 1 1 2 3,840 18,823 37,355 7,686 37,675 74,769 North Coast Wetland 0 0 347 3,865 18,942 37,577 1,342,471 6,580,042 13,053,587 North Coast 0 1 0 18 3,865 18,94	North Coast	River	n	1	1	1	65	5	6	6	326	362	399
North Coast 1 1 0 349 5 6 6 1.02 1.47 1.02 North Coast 1 1 1 0 349 5 6 6 1.748 1.942 2.136 North Coast 0 0 1 19 3.840 18.823 37.355 71.732 351.637 697.843 North Coast 0 0 1 1 2 3.840 18.823 37.355 71.732 351.637 697.843 North Coast 0 0 1 1 2 3.840 18.823 37.355 71.686 37.675 74.769 North Coast Wetland 0 0 347 3.865 18.942 37.577 1.342.471 6.580.042 13.053.587 North Coast 0 1 1 0 18 3.865 18.942 37.577 67.897 332.793 660.201 North Coast 1 1 0 <td< td=""><td>North Coast</td><td>1</td><td>1</td><td>n</td><td>1</td><td>n</td><td>26</td><td>5</td><td>6</td><td>6</td><td>132</td><td>147</td><td>162</td></td<>	North Coast	1	1	n	1	n	26	5	6	6	132	147	162
North Coast 0 0 0 1 1 2 340 18,823 37,355 71,732 351,637 697,843 North Coast 0 0 1 1 2 3,840 18,823 37,355 71,732 351,637 697,843 North Coast 0 0 1 1 2 3,840 18,823 37,355 71,686 37,675 74,769 North Coast 0 1 0 347 3,865 18,942 37,577 1,342,471 6,580,042 13,053,587 North Coast 0 1 1 0 18 3,865 18,942 37,577 67,897 332,793 660,201 North Coast 1 1 0 253 2,945 19,042 27,577 1,244,017 4,095,400 13,270,940	North Coast	1	1	1	1	n	34.0	5	6	6	1 7/8	1 9/2	2 136
North Coast 0 0 1 1 2 3,840 18,823 37,355 7,686 37,675 74,769 North Coast Wetland 0 0 1 1 2 3,840 18,823 37,355 7,686 37,675 74,769 North Coast 0 1 0 347 3,865 18,942 37,577 1,342,471 6,580,042 13,053,587 North Coast 0 1 1 0 18 3,865 18,942 37,577 67,897 332,793 660,201 North Coast 1 1 0 253 2,945 19,042 27,577 1,244,017 4,495,400 13,270,940	North Coast		n l	n N	n N	1	10	3 8/0	18 823	37 355	71 722	351 637	607 8/3
North Coast Saline Herbaceous 0 1 0 347 3,865 18,942 37,577 1,342,471 6,580,042 13,053,587 North Coast 0 1 0 347 3,865 18,942 37,577 1,342,471 6,580,042 13,053,587 North Coast 0 1 1 0 18 3,865 18,942 37,577 67,897 332,793 660,201 North Coast 1 1 0 253 2,945 18,942 37,577 67,897 332,793 660,201	North Coast	-	n N	n	1	1	2	3,040	18,023	37 355	7 686	37 675	7/, 7/0
Wetland 0 1 0 0 347 3,003 10,742 37,077 1,342,471 0,300,042 13,003,007 North Coast 0 1 1 0 18 3,865 18,942 37,577 67,897 332,793 660,201 North Coast 1 1 0 353 2,945 19,072 27,577 1,242,017 4,400,540 13,270,940	North Coast	Saline Herbaceous	n N	1	n N	n N	2/.7	3,040 2,845	18 0/.7	37,333	1 3/2 /71	6 580 0/2	13 በፍን ፍደን
Involutiousit U I I U I I U I I U I I U I <	North Coast	Wetland	n n	1	1	U N	J4/ 10	J,000	10,742	37,377	۲,J42,4/1 ۲, ۵07	227 702	۲۵,003,007 ۲۵,003,007
	North Coast	-	1	1	n	n N	10 10	3,005	18 0/.7	37,377	1 36/ 817	6 680 560	13 270 840

WMA	l and Cover	Agriculture	Soastal	liparian	Jrban	٨٠٢٥٩	Minimum (\$/acre/vear)	Average (\$/acre/vear)	High (\$/acre/ vear)	Minimum (\$/veer)	Average (\$/vear)	Hinh(\$/vear)
North Cooot				0		E1 020		(\$/acie/year) 1/4	year j 1//	(\$/year) 7 (57 202	(3/ year) 7 /57 202	7 (57 202
North Coast	-	0	0	0	1	JT,UJU 12/	140	140	140	1,407,372	1,407,072	1,407,372
North Coast	-	0	0	1	1 0	1 24	140	/140	740	270.441	/.00 /.07	027 847
North Coast	-	0	0	1	1	۱,۲۱۵ ک	224	413	707	270,001	477,007	727,007
North Coast	-	0	1	1 0	1 0	J 11 011	1/4	413	1/6	1 400 007	1,203	1 400 007
North Coast	Shrubland	0	1	0	1	71	140	140	140	1,007,077	1,007,077	1,007,077
North Coast	Jiiublallu	0	1	1	1 0	220	140	/140	740	71 454	122.268	2/5 4/7
North Coast	-	1		1 0	0	520	1/4	413	146	71,030	0.685	0 495
North Coast	-	1	0	1	0	2	140	18 600	18 05/	7,003	28 056	20 506
North Coast	-	1	1	0	0	703	1/4	16,000	16,734	115 807	115 807	115 807
North Coast	-	1	1	1	0	//J	140	140	140	110,077	115,077	110,07/
North Coast Total			1		U	1 878 354	10,411	10,000	10,704	2 587 872 603	6 6 2 5 3 5 1 6 0 8	7 676 067 733
Puccian Rodoga		0	1	n	n	1,070,334	12 0/2	13 001	131/0	156 672	4,023,331,000	157.80/
Russian Bodoga	 Boy/Ectuary	0	1	0	1	21 20/	13,042	13,071	13,140	10,022	10 519 702	10 559 277
Russian Doueya	Ddy/EStudiy	0	1	1	1	004	13,042	13,071	10,140	10,477,100	2 011	10,000,244
Russiali Doueya		0	1	1	1	U.Z 70	10,042	10,071	12,140	2,700 0 700 451	2,711 0 700 451	0 700 451
Russian Doueya	 Popoh	0	1	0	U 1	11	122,020	۲۲۲٬۵۲۵ ۲۲۲٬۵۲۵	122,020	7,700,001	7,700,001	9,700,001
Russian Doueya	Deduli	0	1	1	0	4	0,370	122 424	2,123,022	20,400	2,410,747	7,440,000
Russian Doueya		0	0	0	0	1 101 110	122,020	122,020	122,020	107 107 07/	2// 5/4 100	E40 000 002
Russian Doueya	-	0	0	0	1	11 102	1,000	Z,020 5 272	4,337	20 / 22 205	44,040,170	112 00/ 002
Russian Doueya	-	0	0	1	1	/ 054	1,027	0,07Z	10,010	20,432,303	00,071,007 12741 EE7	21 071 440
Russiali Doueya	-	0	0	1	1	4,000	1,000	Z,020	4,007	7,300,020	12,701,004	21,0/1,007
Russiali Doueya	-	0	1			107	1,02/	0,37Z	10,010	27U,7JZ	000,000	1,074,017
Russiali Doueya	-	0	1	0	1	0,241	1,000	Z,0Z0	4,007	7,302,123	10,400,032	27,079,403
Russiali Doueya	Coniferous Forest	0	1	1		100	1,02/	0,072	10,010	23,7/3	70,40J	/131,41/
Russian Bodega	-	1			0	107	1,303	2,020	4,337	103,019	200,300	4/2,02/ E2 /20 E//
Russiali Doueya	-	1	0	0	1	12,120	1,004	Z,0Z0	4,340	10,240,110	J1,0//,JUZ	0Z,0Z7,004
Russiali Doueya	-	1	0	1	1	2,207 157	1,020	0,072	10,010	4,120,720	12,130,410	22,020,001
Russian Bodega	-	1	0	1	1	15/	1,504	Z,020	4,340	230,010	413,009	003,300
Russiali Doueya	-	1	1			10	1,020	0,072	10,010	20,020	/0,030	2 005
Russian Bodega		1	0	U	U		1,504	2,020	4,340	1,003	1/ 255 20/	2,070
Russian Dodega	-	1	0	0	1	44,740	1/0	300	007	/,0U7,240	10,000,204	24,701,320
Russian Doueya	-	1	0	1	1	30,13U 1 /2/	1/3	300	557	0,004,707	52/ 045	21,217,741
Russian Doueya	Cropland	1	0	1	1	1,430	1/3	300	007	200,000	024,700 1/7 0/E	177,ZTZ 225,120
Russian Bodega	-	1	1	1	1	4U0 10 E00	1/0	300	00/	/U,OUZ	147,000	220,120
Russian Doueya	-		1	1	0	10,000	1/3	300	007	5,244,105	0,/94,300	10,344,017
Russiali Duueya		0		1 0	0	240 000	1/0	300 2.42E	/ 100	00,701 200,072,717	705 / 15 0/2	1 1 2 2 2 4 0 1
Russian Bodega	-	0	0	0	1	200,0UU	1,401	2,020	4,190	370,042,417	/ U0,010,742	1,120,300,004
Russian Bodega	-	0	0	1	1	10,000	I,800	3,703	0,029		4/,70/,/04	/9,219,828
Russian Bodega	-	0	0	1	1	10,202	1,401	2,020	4,190	10,107,131	20,/00,044	42,749,232
Russian Bodega	-	U	1	1	1	493	Ι,8U5	3,953	0,529	889,752	1,948,793	3,219,149
Russian Bodega	-	U	1	1	U	1,1/9	1,481	2,025	4,190	1,740,082	3,095,300	4,940,955
Russian Bodega	Deciduous Forest	1			U	68 // 705	1,481	2,625	4,190		175 150 710	283,299
Russian Bodega	-	1	U	U	U 1	66,/U5	1,482	2,020	4,171	70,820,352	1/5,153,/18	2/9,564,463
Kussian Bodega	-	1	U	U		24,219	1,805	3,953	6,530	43,723,718	95,745,694	108,147,891
KUSSIAN BODEga	-		U	1	U	1,216	1,482	2,626	4,191	1,802,288	3,194,264	5,098,395
KUSSIAN BODEga	-		U			264	1,805	3,953	6,530	476,571	1,043,591	1,723,750
Kussian Bodega	-			U	U	29	1,482	2,626	4,191	43,492	77,083	123,033
Kussian Bodega		1	1	1	U	1	1,482	2,626	4,191	988	1,752	2,796

WMA Land Cover ₹ 3 Arcs (S/acur) (sec) (riculture	astal	arian	an		Minimum	Average	High (\$/acre/	Minimum	Average	
Bussin Bodega Bussin Bodega Bussin Bodega I <thi< th=""> I I I</thi<>	WMA	Land Cover	Agr	ß	Rip	E I	Acres	(\$/acre/year)	(\$/acre/year)	year)	(\$/year)	(\$/year)	High(\$/year)
Basian Bodega Basian Bodega Call District Distribution Call Distr	Russian Bodega		0	0	0	0	7	240	10,649	24,395	1,600	71,049	162,758
Basian Bandga Basian Bandga Basian Bandga Rasian	Russian Bodega]	0	0	0	1	9	240	11,905	27,863	2,240	111,197	260,256
Resian Bodga Russian	Russian Bodega]	0	0	1	1	1	18,025	30,765	47,798	24,052	41,052	63,781
Bassian Bodega Rassian Bodeg	Russian Bodega]	0	1	0	0	35	240	10,649	24,395	8,320	369,453	846,340
Bassian Bodega Russian Bodeg	Russian Bodega	1	0	1	0	1	2	240	11,905	27,863	480	23,828	55,769
Resistan Biodega Russian Biodega Russia	Russian Bodega	Fresh Herbaceous	0	1	1	0	5	18,025	29,509	44,330	84,183	137,818	207,035
Insistan Bodrega 1 0 0 1 10 20 11.721 27.863 4.480 71.842 55.735 Russian Bodrega 1 0 1 <th1< th=""> 1 1</th1<>	Russian Bodega	Wetland	1	0	0	0	116	240	10,465	24,395	27,788	1,212,585	2,826,560
Inscian Bodega I 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	Russian Bodega	1	1	0	0	1	19	240	11,721	27,863	4,480	218,962	520,512
Bussian Bodega Russian Bodeg	Russian Bodega	1	1	0	1	0	14	39,422	50,722	65,727	552,335	710,665	920,891
Russian Bodega Russian Bodega 1 1 0 0 1 0 1 7.332 509 611 707 79.334 4.44.24.24.30 Russian Bodega 0 0 0 1 1 0 1 1.268 66 164 224 17.67.08 1.09.92 175.205 Russian Bodega Russian Bodega 0 1 1 0 1 1.264 609 607 707 126.03 1.03.31 1.03.33 1.03.33 1.03.33 1.03.33 1.03.33 1.03.33 1.03.33 1.03.33.33 1.03.33 1.03.33	Russian Bodega	1	1	0	1	1	12	39,422	51,978	69,195	473,430	624,222	830,986
Bassian Bodega Russian Bodega 1 1 1 0 1 7.322 509 661 707 7.33.4 4.4.42.11 518.651 Russian Bodega Russian Bodega 0 0 0 1 1 178 509 611 707 90.826 109.942 126.135 Russian Bodega Russian Bodega 0 1 0 1 2.4 509 607 707 126.365 150.561 177.205 Russian Bodega 0 1 0 1 2.4 609 607 707 126.365 160.501 177.205 Russian Bodega 0 1 0 1 2.4406 19.999 50.997 2.92.27.618 87.27.61 166.612.	Russian Bodega		1	1	0	0	16	240	10,465	24,395	3,840	167,574	390,619
Bassian Bodega Russian Bodega Russian Bodega Russian Bodega Russian Bodega 0 0 0 1 7,332 509 611 707 3733,614 4,462,411 5186,161 Russian Bodega Russian Bodega Russian Bodega 0 0 1 0 7,332 509 611 707 3733,614 4,462,411 5186,161 Russian Bodega Russian Bodega 0 0 1 0 1,732 509 611 707 90,264 119,042 112,133 Russian Bodega Russian Bodega Grassland 0 1 0 1,732 2,6435 2,9314 50,947 90,04 610 177,218 66 Russian Bodega Russian Bodega Grassland 0 0 1 0,02 4,435 2,9314 50,947 900 4,403 11,300 Russian Bodega 0 0 1 0 0,35,868 651 164 264 22,52,136 59,32,070 59,32,070 59,32,070 59,32,070 59,32,070 59,32,070 50,44,210	Russian Bodega	1	1	1	1	0	0.4	39,422	50,722	65,727	17,534	22,561	29,235
Bussian Bodega Russian Bodega Russian Bodega Russian Bodega 0 0 0 1 7.332 509 611 707 3.733.614 4.482.411 5.185.051 Russian Bodega Russian Bodega Russ	Russian Bodega		0	0	0	0	81,250	66	168	264	5,343,770	13,641,684	21,428,090
Russian Bodega 0 0 1 0 1,7,78 6.6 168 224 112,963 288,374 452,973 Russian Bodega Russian Bodega 0 0 1 178 509 6.11 707 90,824 109,042 127,318.56 Russian Bodega Russian Bodega 0 1 0 1533 24,435 29,814 50,97 50,947 728,198 728,198 Russian Bodega 0 1 0 1533 24,435 29,814 50,947 3,749,401 4,574,973 728,1987 781,986 781,986 781,986	Russian Bodega		0	0	0	1	7.332	509	611	707	3.733.614	4.482.411	5.185.051
Russian Bodega Russian Bodega 0 0 1 1 178 509 611 707 90.826 109.042 126.135 Russian Bodega Russian Bodeg	Russian Bodega	1	0	0	1	0	1.718	66	168	264	112,963	288.374	452,973
Russian Bodega 0 1 0 0 10.358 65 164 264 676.066 1.698.998 2.731.856 Russian Bodega Grassland 0 1 0 10.248 509 607 707 126.036 156.011 177.205 Russian Bodega Grassland 0 1 1 0.224 4.406 19.799 50.947 980 4.403 11.330 Russian Bodega 1 0 0 353.68 66 168 264 2.53.86 67.286 105.897.240 64.213 Russian Bodega 1 0 1 0 401 66 168 264 26.358 67.286 105.897.240 66.213 Russian Bodega 1 0 1 17.198 509 607 707 8.749.207 10.47.552 12.162.410 Russian Bodega 0 1 1 1.42 100 6.735 13.349 14.180 955.550 1.866.922.415	Russian Bodega		0	0	1	1	178	509	611	707	90.826	109.042	126.135
Russian Bodega 0 1 0 1 248 509 607 707 126,036 150,501 175,205 Russian Bodega Grasslan Bodega Grasslan Bodega Grasslan Bodega 707 126,036 150,501 175,205 Russian Bodega Grasslan Bodega 1 0 1 1 0 24,405 29,814 50,947 990 4,403 11,301 Russian Bodega 1 0 0 35,368 66 186 264 2,324,518 593,206 9,327,418 Russian Bodega 1 0 1 0 401 66 168 264 24,338 67,246 165,692 66,213 Russian Bodega 1 0 1 17,198 509 607 707 87,492,007 10,447,552 12,162,410 Russian Bodega 0 0 1 1 1 1 10,99 22,435 97,814 50,901 63,371 2,463,787 53,309 <	Russian Bodega		0	1	0	0	10.358	65	164	264	676.086	1.698.998	2.731.856
Russian Bodega Russian Bodega Russian Bodega G 1 1 0 153 224,435 29,814 50,947 3,749,601 4,574,973 7,817,997 Russian Bodega Russian Bodega Russian Bodega 0 0 0 0 1 1 0 2 4,406 19,799 50,947 980 4,403 11,30 Russian Bodega Russian Bodega 1 0 0 0 3,35,86 66 168 264 2,326,136 5,938,206 9,327,418 Russian Bodega 1 0 1 0 1 94 509 611 707 11,87,814 14,17,193 16,697 Russian Bodega 1 1 0 1 94 509 601 707 8,74,9207 10,47,552 12,16,2410 Russian Bodega 0 1 1 10 4,271 100 6,735 13,369 4,470,83 3,207,600 6,5550 1,26,421 Russian Bodega 0 1 1	Russian Bodega		0	1	0	1	248	509	607	707	126 036	150 501	175 205
Russian Bodega Russian Bodega Grassland 0 1 1 0 2 4,466 19,799 50,947 980 4,403 11,330 Russian Bodega Russian Bodega 1 0 0 0 55,368 66 168 224 2,327,118 17,300 980 4,403 11,330 Russian Bodega 1 0 0 1 23,345 509 611 707 11,887,814 14,271,983 16,629,168 Russian Bodega 1 0 1 94 509 611 707 47,678 57,240 66,213 Russian Bodega 1 1 0 99 24,435 29,814 50,947 2,492,108 2,432,760 66,213 Russian Bodega 1 1 0 1 142 100 6,735 13,369 42,409,104 44,103 41,108 95,550 128,62,707,600 65,922,415 Russian Bodega 1 1 0 4,03 10,11,142	Russian Bodega	-	0	1	1	0	153	24,435	29.814	50.947	3.749.601	4,574,973	7.817.987
Russian Bodega I <thi< th=""> I I <</thi<>	Russian Bodega	Grassland	0	1	1	1	0.2	4 406	19 799	50 947	980	4 403	11 330
Insciane Bodega 1 0 0 1 0 0 1 23,345 509 611 707 11,88,814 14,217,883 16,609,184 Russiane Bodega 1 0 0 1 23,345 509 611 707 11,88,814 14,217,883 16,609,184 Russiane Bodega 1 0 0 5,682 655 164 26,44 37,844 14,17,983 16,609,184 Russiane Bodega 1 1 0 5,682 655 164 26,44 37,844 14,217,883 16,609,184 Russiane Bodega 1 1 0 1 17,198 509 607 707 8,749,207 10,447,552 12,16,410 Russiane Bodega 0 0 1 1 10 6,735 13,369 14,180 99,550 19,89,432 Russiane Bodega 0 1 1 8 100 6,735 13,369 64,175,662 8,289,360 <th< td=""><td>Russian Bodega</td><td>ordootana</td><td>1</td><td>N</td><td>N</td><td>N</td><td>35 368</td><td>66</td><td>168</td><td>264</td><td>2 326 136</td><td>5 938 206</td><td>9 327 618</td></th<>	Russian Bodega	ordootana	1	N	N	N	35 368	66	168	264	2 326 136	5 938 206	9 327 618
Incomological Image	Russian Bodega	-	1	n	n	1	23 345	509	611	707	11 887 814	14 271 983	16 509 184
Incomo Bodega I I D <thd< th=""> D <thd< th=""> <th< td=""><td>Russian Bodega</td><td>-</td><td>1</td><td>n</td><td>1</td><td>n</td><td>401</td><td>66</td><td>168</td><td>264</td><td>26,358</td><td>67 286</td><td>105 692</td></th<></thd<></thd<>	Russian Bodega	-	1	n	1	n	401	66	168	264	26,358	67 286	105 692
Incomo Bodega I <	Russian Bodega	-	1	n	1	1	94	509	611	707	47 678	57 240	66 213
Inscian Bodega I	Russian Bodega	-	1	1	N	N	5 682	65	164	264	370 841	931 919	1 498 453
Income Image Image <t< td=""><td>Russian Bodega</td><td>-</td><td>1</td><td>1</td><td>n</td><td>1</td><td>17 198</td><td>509</td><td>607</td><td>707</td><td>8 749 207</td><td>10 447 552</td><td>12 162 410</td></t<>	Russian Bodega	-	1	1	n	1	17 198	509	607	707	8 749 207	10 447 552	12 162 410
Inscient Bodga Russian Bodega Russian Bodega Russian Bodega Russian Bodega Russian Bodega I <thi< th=""> I <t< td=""><td>Russian Bodega</td><td>-</td><td>1</td><td>1</td><td>1</td><td>N</td><td>99</td><td>24 435</td><td>29 814</td><td>50 947</td><td>2 429 089</td><td>2 963 787</td><td>5 064 696</td></t<></thi<>	Russian Bodega	-	1	1	1	N	99	24 435	29 814	50 947	2 429 089	2 963 787	5 064 696
Incustan Bodega Nixel	Russian Bodega		n	n	1	n	4 931	100	6 735	13 369	492 785	33 207 600	65 922 415
Russian Bodega Lake 0 1 1 0 35 100 6,735 13,369 3,512 236,641 469,710 Russian Bodega 1 0 1 1 0 35 100 6,735 13,369 3,512 236,641 469,770 Russian Bodega 1 0 1 0 620 100 6,735 13,369 64,955 4,175,662 8,289,360 Russian Bodega 1 0 1 0 640 100 6,735 13,369 64,955 4,175,662 8,289,360 Russian Bodega 1 1 0 24 100 6,735 13,369 6,357 428,350 850,343 Russian Bodega 1 1 0 24 100 6,735 13,369 2,423 163,252 324,082 Russian Bodega Mixed Forest 0 0 1 20 1,659 3,983 7,487 30,945 81,502 153,184	Russian Bodega	-	n	n	1	1	142	100	6 735	13 369	14 180	955 550	1 896 920
Indication Bodega Russian Bodega Russian Bodega Lake I <thi< th=""> I <thi< th=""> I <thi< td=""><td>Russian Bodega</td><td>-</td><td>n</td><td>1</td><td>1</td><td>n</td><td>35</td><td>100</td><td>6 735</td><td>13 369</td><td>3 512</td><td>236 641</td><td>469 770</td></thi<></thi<></thi<>	Russian Bodega	-	n	1	1	n	35	100	6 735	13 369	3 512	236 641	469 770
Norsian Bodega Construction Constructin	Russian Bodega	lake	n	1	1	1	8	100	6 735	13 369	845	56 914	112 983
Nussian Bodega 1 0 1 0	Russian Bodega		1	n	1	n	620	100	6 735	13 369	61 965	/ 175 662	8 289 360
Russian Bodega I <thi< th=""> I I <</thi<>	Russian Bodega	-	1	n	1	1	64	100	6 735	13 369	6 357	478 350	850 343
Indication boding I <thi< th=""> I I</thi<>	Russian Bodega	-	1	1	1	n	24	100	6 735	13 369	2 423	163 252	374 082
Russian Bodega Mixed Forest 0 <td>Russian Bodega</td> <td></td> <td>n</td> <td>n</td> <td>n</td> <td>n</td> <td>n 2</td> <td>1 414</td> <td>2 484</td> <td>3 674</td> <td>315</td> <td>552</td> <td>817</td>	Russian Bodega		n	n	n	n	n 2	1 414	2 484	3 674	315	552	817
Russian Bodega Mixed Forest 0 0 1 0 1 0 1 1 20 1,657 3,765 7,487 33,945 81,502 153,184 Russian Bodega 1 0 0 1 1 20 1,659 3,983 7,487 33,945 81,502 153,184 Russian Bodega 1 0 1 1 20 1,659 3,983 7,487 33,945 81,502 153,184 Russian Bodega 1 0 1 1 4 1,660 3,984 7,488 6,275 15,063 28,308 Russian Bodega 1 0 0 35,826 218 253 289 7,824,012 9,081,346 10,338,680 Russian Bodega 1 0 1 20,984 218 253 289 4,582,670 5,319,113 6,055,557 Russian Bodega 1 0 1 23 1,823 1,858 1,893 1,767,389	Russian Bodega	-	0	n	n	1	62	1 659	3 983	7 487	102 942	247 164	464 547
Russian Bodega Finder Forest 0 0 1 1 2.50 1,007 0,705 7,407 00,745 01,002 100,104 Russian Bodega 1 0 1 127 1,660 3,984 7,408 210,772 505,937 950,831 Russian Bodega 1 0 1 1 4 1,660 3,984 7,488 6,275 15,063 28,308 Russian Bodega 1 0 0 35,826 218 253 289 7,824,012 9,081,346 10,338,680 Russian Bodega 1 0 0 1 20,984 218 253 289 4,582,670 5,319,113 6,055,557 Russian Bodega 1 0 0 1 20,984 218 253 289 4,582,670 5,319,113 6,055,557 Russian Bodega 1 0 1 20,984 218 253 289 206,855 240,097 273,339 Russian Bodega 1 1 0 23 1,823 1,858 1,893 <td< td=""><td>Russian Bodega</td><td>Mixed Forest</td><td>0</td><td>n</td><td>1</td><td>1</td><td>20</td><td>1,007</td><td>3,703</td><td>7 / 87</td><td>33.9/5</td><td>81 502</td><td>153 18/</td></td<>	Russian Bodega	Mixed Forest	0	n	1	1	20	1,007	3,703	7 / 87	33.9/5	81 502	153 18/
Russian Bodega 1 0 0 1	Russian Bodega		1	n	0	1	120	1,007	3 98/	7 / 88	210 772	505,002	950.831
Russian Bodega 1 0 1 1 0 1 1 0 2,100 2	Russian Bodega	-	1	n	1	1	12/	1,000	3,704	7,400	6 275	15 063	28 308
Russian Bodega Pasture 1 0 0 1 20,984 216 203 207 7,024,012 7,001,040 10,001,040,010	Russian Bodega		1	n	0	n	35.826	218	253	7,400	7 826 012	9 081 3//6	10 338 680
Russian Bodega Pasture 1 0 0 1 20,744 210 203 207 4,062,076 0,037,713 0,033,037 Russian Bodega 1 0 1 0 969 1,823 1,858 1,893 1,767,389 1,801,412 1,835,434 Russian Bodega 1 0 1 1 281 1,823 1,858 1,893 512,904 522,777 532,651 Russian Bodega 1 1 0 947 218 253 289 206,855 240,097 273,339 Russian Bodega 1 1 0 23 1,823 1,858 1,893 42,573 43,393 44,212 Russian Bodega 1 1 0 23 1,823 1,858 1,893 42,573 43,393 44,212 Russian Bodega 0 0 1 0 750 865 12,506 40,284 648,428 9,378,326 30,209,519 Russian Bod	Russian Bodega	-	1	n	0	1	20 98/	210	253	207	/ 582 670	5 310 113	6 055 557
Russian Bodega Pasture 1 0 1 0 707 1,023 1,030 1,073 1,073 1,073 1,073 1,074,077 1,014,412 1,033,434 Russian Bodega 1 0 1 1 281 1,023 1,050 1,073 1,073 1,074,077 532,651 Russian Bodega 1 1 0 947 218 253 289 206,855 240,097 273,339 Russian Bodega 1 1 0 23 1,823 1,858 1,893 42,573 43,393 44,212 Russian Bodega 0 0 1 0 750 865 12,506 40,284 648,428 9,378,326 30,209,519 Russian Bodega 0 0 1 0 750 865 12,506 40,284 188,836 2,731,173 8,797,671 Russian Bodega 0 1 1 0 15 865 12,506 40,284 12,884	Russian Bodoga	-	1	n	1	0	20,704	1 873	1 858	1 803	1 767 380	1 801 /12	1 835 / 3/
Russian Bodega 1 0 1 1 201 1,050 1,050 1,050 012,04 022,01 002,01 <th002,01< th=""> 002,01 002,01<td>Russian Bodena</td><td>Pasture</td><td>1</td><td>n</td><td>1</td><td>1</td><td>281</td><td>1,023</td><td>1,050</td><td>1,073</td><td>512 90/</td><td>522 777</td><td>532 651</td></th002,01<>	Russian Bodena	Pasture	1	n	1	1	281	1,023	1,050	1,073	512 90/	522 777	532 651
Russian Bodega 1 1 0 0 747 216 253 267 266,053 240,077 273,37 Russian Bodega 1 1 1 0 23 1,823 1,858 1,893 42,573 43,393 44,212 Russian Bodega 0 0 1 0 750 865 12,506 40,284 648,428 9,378,326 30,209,519 Russian Bodega 0 0 1 1 218 865 12,506 40,284 648,428 9,378,326 30,209,519 Russian Bodega 0 0 1 1 218 865 12,506 40,284 188,836 2,731,173 8,797,671 Russian Bodega 0 1 1 0 15 865 12,506 40,284 12,884 186,343 600,248 Russian Bodega 1 0 1 267 865 12,506 40,284 389,787 5,637,564 18,159,755	Russian Bodega	-	1	1	0	0	0//7	218	253	280	206.855	2/1 007	272 220
Russian Bodega 1 1 1 0 2.3 1,050 1,050 1,050 42,073 42,073 44,073 44,172 Russian Bodega 0 0 1 0 750 865 12,506 40,284 648,428 9,378,326 30,209,519 Russian Bodega 0 0 1 1 218 865 12,506 40,284 188,836 2,731,173 8,797,671 Russian Bodega 0 1 1 0 15 865 12,506 40,284 188,836 2,731,173 8,797,671 Russian Bodega 0 1 1 0 15 865 12,506 40,284 12,884 186,343 600,248 Russian Bodega 1 0 1 267 865 12,506 40,284 389,787 5,637,564 18,159,755 Russian Bodega 1 0 1 267 865 12,506 40,284 230,565 3,334,701 10,741,759 <td>Russian Bodoga</td> <td>-</td> <td>1</td> <td>1</td> <td>1</td> <td>0</td> <td>747</td> <td>1 973</td> <td>1 959</td> <td>1 803</td> <td>200,000</td> <td>/2 202</td> <td><u> </u></td>	Russian Bodoga	-	1	1	1	0	747	1 973	1 959	1 803	200,000	/2 202	<u> </u>
Russian Bodega 0 0 1 0 730 003 12,500 40,204 040,420 7,370,020 30,207,317 Russian Bodega 0 0 1 1 218 865 12,506 40,284 188,836 2,731,173 8,797,671 Russian Bodega 0 1 1 0 15 865 12,506 40,284 12,884 186,343 600,248 Russian Bodega 1 0 1 0 451 865 12,506 40,284 389,787 5,637,564 18,159,755 Russian Bodega 1 0 1 267 865 12,506 40,284 230,565 3,334,701 10,741,759 Purprise Redega 1 1 1 267 865 12,506 40,284 230,565 3,334,701 10,741,759	Russian Bodoga		0	0	1	0	ZJ 750	1,023	1,000	1,073	42,070	43,373	20 200 510
Russian Bodega Reservoir 0 1 1 210 003 12,500 40,204 100,550 2,751,173 6,771,071 Russian Bodega 0 1 1 0 15 865 12,506 40,284 12,884 186,343 600,248 Russian Bodega 1 0 1 0 451 865 12,506 40,284 389,787 5,637,564 18,159,755 Russian Bodega 1 0 1 267 865 12,506 40,284 230,565 3,334,701 10,741,759 Purption Redocea 1 1 1 267 865 12,506 40,284 230,565 3,334,701 10,741,759	Russian Rodona	-	U N	n U	1	U 1	7 JU 210	000 Q4E	12,000 12 504	40,204 //0.20/	100 000	7,370,320 2,721,172	00,207,019 0 707 471
Russian Bodega Reservoir 0 1 0 15 005 12,506 40,204 12,604 180,343 600,248 Russian Bodega 1 0 1 0 451 865 12,506 40,284 389,787 5,637,564 18,159,755 Russian Bodega 1 0 1 267 865 12,506 40,284 230,565 3,334,701 10,741,759 Russian Bodega 1 1 1 0 2 965 12,506 40,284 230,565 3,334,701 10,741,759	Nussidii Duueya	-	0	1	1	1 0	210 1E	000	12,000	40,204	100,030	۲,/۱٫۱/۵ ۱۵۲ م	U,/۶/,0/l ۲۰۰ ۵/۵
Russian Bodega I U I U 401 000 12,500 40,204 309,707 5,037,304 18,159,750 Russian Bodega 1 0 1 267 865 12,506 40,284 230,565 3,334,701 10,741,759 Russian Bodega 1 1 1 0 2 945 12,504 40,284 230,565 3,334,701 10,741,759	Nussial Duudya	Reservoir	U 1		1	U n	10	000 0/5	12,000 10 ED/	40,204 /0.207	12,004	100,343	0UU,240
Invester I U I L0/ 000 IZ,000 40,204 Z30,000 3,334,701 IU,741,797 Dubbin Definion Definion <td>Russiali Duueya</td> <td>-</td> <td></td> <td>U n</td> <td>1</td> <td>U 1</td> <td>401</td> <td>000</td> <td>12,000</td> <td>40,204 /0.207</td> <td><u>307,/8/</u> 220 E/E</td> <td>0,007,004 0,007,004</td> <td></td>	Russiali Duueya	-		U n	1	U 1	401	000	12,000	40,204 /0.207	<u>307,/8/</u> 220 E/E	0,007,004 0,007,004	
	Russian Bodogo	-	1	U 1	1	I N	/20 د	000	12,000 12 EU1	40,204 //0.207	200,000	3,334,701 20 027	10,/41,/09 105./05

		griculture	bastal	iparian	rban	_	Minimum	Average	High (\$/acre/	Minimum	Average	
WMA	Land Cover	Ă	ວ ເ	► Ri	5	Acres	(\$/acre/year)	(\$/acre/year)	yearJ	(Ş/year)	(Ş/year)	High(Ş/year)
Russian Bodega		U	U	1	1	842	5	6	6	4,214	4,682	5,151
Russian Bodega		0	1	1	1	53 I /07	5	0	0	2,009	2,954	3,250
Russian Bodega	River	1	 0	1	0	40/	5	0	0	2,030	2,203	2,409
Russian Doueya		1	0	1	1	400	<u>ງ</u>	0	0	2,204	2,004	2,/04
Russian Bodoga		1	1	1	0	249	<u></u> 5	0	0	1,24/	1,300	1,024
Russian Bodoga		0	1 0	1 0	0	J07 2	0\02	18 823	27 255	1,740	2,101 // 0/9	2,377
Russian Bodoga		0	0	1	0	L 1 2	3,040	10,023	37,355	7,373	40,040	2 302
Russian Rodena		0 N	1	1 N	0	25	3,040	18 9/2	37,555	034	4,100	952.695
Russian Bodega	Saline Herbaceous	n	1	n N	1	136	3,865	18 9/2	37,577	525 987	2 578 096	5 11/ ///
Russian Bodega	Wetland	n	1	1	0	1/	3,005	18 9/2	37,577	55 865	2,370,070	5/3 203
Russian Bodega	Wottana	n	1	1	1	2	3 865	18 942	37,577	9 454	46.338	91 927
Russian Bodega		1	1	n N	n	33	3 865	18,942	37 577	126.340	619 248	1 228 475
Russian Bodega		1	1	1	n	4	3 865	18,942	37 577	14 611	71 614	142 068
Russian Bodega		n	n	n N	n	76 085	146	146	146	11 118 958	11 118 958	11 118 958
Russian Bodega		0	0	0	1	652	146	146	146	95 259	95 259	95 259
Russian Bodega		n	n	1	n	1 532	274	413	767	342 615	632 426	1 174 537
Russian Bodega		0	0	1	1	8	221	413	767	1 840	3 396	6 307
Russian Bodega		0	1	0	0	2.922	146	146	146	427.056	427.056	427.056
Russian Bodega	-	0	1	0	1	255	146	146	146	37.278	37.278	37.278
Russian Bodega	Shrubland	0	1	1	0	109	224	413	767	24.366	44,977	83.530
Russian Bodega		1	0	0	0	2.049	146	146	146	299.492	299.492	299.492
Russian Bodega		1	0	0	1	217	146	146	146	31,688	31,688	31,688
Russian Bodega		1	0	1	0	30	18,411	18,600	18,954	560,942	566,704	577,483
Russian Bodega		1	0	1	1	12	18,411	18,600	18,954	221,101	223,372	227,621
Russian Bodega		1	1	0	0	290	146	146	146	42,413	42,413	42,413
Russian Bodega		1	1	1	0	4	18,411	18,600	18,954	69,606	70,321	71,659
Russian Bodega Total						995,765				950,932,974	1,760,566,892	2,875,801,146
Trinity		0	0	0	0	1,507,787	1,503	2,628	4,339	2,266,638,587	3,962,102,947	6,542,159,226
Trinity		0	0	0	1	1,216	1,827	5,372	10,016	2,222,219	6,533,392	12,181,659
Trinity	Coniforaus Forast	0	0	1	0	55,020	1,503	2,628	4,339	82,711,341	144,580,107	238,728,295
Trinity		0	0	1	1	8	1,827	5,372	10,016	14,628	43,006	80,186
Trinity		1	0	0	0	292	1,504	2,628	4,340	439,513	768,114	1,268,159
Trinity		1	0	1	0	12	1,504	2,628	4,340	17,728	30,982	51,151
Trinity		1	0	0	0	770	175	366	557	134,373	281,423	428,473
Trinity	Cropland	1	0	0	1	70	175	366	557	12,149	25,443	38,738
Trinity		1	0	1	0	25	175	366	557	4,425	9,267	14,109
Trinity		0	0	0	0	121,662	1,481	2,625	4,190	180,159,277	319,371,134	509,803,667
Trinity		0	0	0	1	1,563	1,805	3,953	6,529	2,819,755	6,176,011	10,201,960
Trinity	Deciduous Forest	0	0	1	0	4,524	1,481	2,625	4,190	6,698,473	11,874,486	18,954,927
Trinity		0	0	1	1	119	1,805	3,953	6,529	215,515	472,035	779,740
Trinity		1	0	0	0	1,262	1,482	2,626	4,191	1,869,833	3,313,976	5,289,468
Trinity		1	0	1	0	6	1,482	2,626	4,191	9,555	16,935	27,030
Trinity	Fresh Herbaceous	0	0	0	0	1,988	240	10,649	24,395	476,820	21,172,483	48,501,810
Trinity	Wetland	0	0	1	0	294	18,025	29,509	44,330	5,295,503	8,669,388	13,023,482
Irinity		U	U	U	U	18,685	66	168	264	1,228,933	3,137,244	4,927,921
Irinity		U	U	U	1	145	509	611	707	73,612	88,376	102,229
I rinity	Grassland		U	1	U	944	66	168	264	62,106	158,544	249,038
I rinity			U	1		U.4	509	611	707	226	272	315
I LINITY			U	U	U	22	66	168	264	1,433	3,659	5,748
I LINITY			U	1	U	17.077	66	168	264	1 705 0 / 0	149	235
I LINITY Trinity	 -			1	U	17,364	100	6,735	13,369	1,735,349	116,941,015	232,146,687
Tripity	ј саке	U 1	U n	1	 	/ ד	100	0,/30	10,007	/ JJ 711	47,425 /0/25	۲۵,۱۱/ ۵0 117
	1	1.1	ΙÚ	1 I -	ιU	/	100	0./00	10.307	/ 33	47.420	70.11/

WMA	Land Cover	Agriculture	Coastal	Riparian	Urban	Acres	Minimum (\$/acre/year)	Average (\$/acre/year)	High (\$/acre/ year)	Minimum (\$/year)	Average (\$/year)	High(\$/year)
Trinity		0	0	0	0	58	1,414	2,484	3,674	82,732	145,282	214,905
Trinity		0	0	0	1	36	1,659	3,983	7,487	60,511	145,286	273,067
Trinity	Mixed Forest	0	0	1	0	1	1,414	2,484	3,674	1,573	2,762	4,086
Trinity		0	0	1	1	0.4	1,659	3,983	7,487	738	1,772	3,330
Trinity		1	0	0	0	20	1,415	2,485	3,675	28,011	49,178	72,739
Trinity	Desture	1	0	0	0	728	218	253	289	158,966	184,512	210,058
Trinity	Pasture	1	0	1	0	8	1,823	1,858	1,893	13,786	14,051	14,316
Trinity	Reservoir	0	0	1	0	25	865	12,506	40,284	21,922	317,061	1,021,318
Trinity		0	0	1	0	2,266	5	6	6	11,345	12,606	13,867
Trinity	River	0	0	1	1	68	5	6	6	340	377	415
Trinity		1	0	1	0	3	5	6	6	17	19	20
Trinity		0	0	0	0	128,882	146	146	146	18,834,565	18,834,565	18,834,565
Trinity	Chrubland	0	0	0	1	14	146	146	146	1,983	1,983	1,983
Trinity	Shrubland	0	0	1	0	2,938	224	413	767	656,886	1,212,532	2,251,907
Trinity		1	0	0	0	12	146	146	146	1,788	1,788	1,788
Trinity Total						1,868,855				2,572,718,037	4,626,793,013	7,662,078,845

Table 14. Detailed valuation results (\$/acre/year) by county

County Can Dover County County County Starcerysant Starcerysant Starcerysant Starcerysant Starcerysant Units Units <thunits< th=""> <thunit< th=""><th></th><th></th><th>griculture</th><th>astal</th><th>parian</th><th>ban</th><th></th><th>Minimum</th><th>Average</th><th>High</th><th>Minimum(\$/</th><th>Average(\$/</th><th></th></thunit<></thunits<>			griculture	astal	parian	ban		Minimum	Average	High	Minimum(\$/	Average(\$/	
Del Norte Beyrt Starty 1 0 0 8 13,842 13,971 13,144 101,344 101,342 201,53,52 Del Norte Bacch 0 1 0 0 1164 122,242 121,53,52 201,53,52<	County	Land Cover	Ag	පී	Ri	2	Acres	(\$/acre/year)	(\$/acre/year)	(\$/acre/year)	year)	year)	High(\$/year)
Del Norte Beach 0 1 0 0 164 122.626 122.626 202.878 201.35.627 201.35.77 10.36.67 201.35.77 10.36.67 201.35.77 10.36.67 201.35.77 10.36.67	Del Norte	Bay/Estuary	0	1	0	0	8	13,042	13,091	13,140	101,514	101,897	102,280
Uel Norte 0	Del Norte	Beach	0	1	0	0	164	122,626	122,626	122,626	20,153,632	20,153,632	20,153,632
Ueb Nortz U	Del Norte		U	1	U	1		6,398	543,121	2,123,622	44,106	3,744,408	14,640,757
Die Norte Dei Norte Dei Norte Dei Norte Die Norte	Del Norte		U	U	U	0	491,798	1,503	2,628	4,339	739,313,667	1,292,326,389	2,133,868,079
Ude Norte Del	Del Norte		0	0	U	1	17,368	1,827	5,372	10,016	31,731,936	93,292,872	173,946,690
UBL Note	Del Norte		0	0	1	0	19,823	1,503	2,628	4,339	29,799,272	52,089,373	86,009,115
Uel, Norte Bei Norte Del Norte De	Del Norte		U	U	1	1	34	1,827	5,372	10,016	62,168	182,777	340,792
Del Norte Forest U I O I Zub I, Zub I, Zub D, Zub <	Del Norte	Coniferous	U	1	U	U	15,582	1,503	2,628	4,339	23,424,054	40,945,439	67,608,435
Uet Norte Del O Del Sarte Del Norte Del Norte Del Norte Del Norte Del Norte Del Norte Del O D D Del Norte Del O D Del Sarte Del Norte Del Nor	Del Norte	Forest	U		U	1	206	1,827	5,372	10,016	377,074	1,108,610	2,067,029
Uelk Norte Uelk I I Y 1,62/2 5,37/2 ULU16 ULU16 <thulu16< th=""> ULU16 <thulu16< <="" td=""><td>Del Norte</td><td></td><td>U</td><td></td><td></td><td>0</td><td>149</td><td>1,503</td><td>2,628</td><td>4,339</td><td>224,331</td><td>392,133</td><td>647,483</td></thulu16<></thulu16<>	Del Norte		U			0	149	1,503	2,628	4,339	224,331	392,133	647,483
Uet Norte 1 0 0 0 3,04.4 1,040 2,628 4,340 675,659 1,180,817 1,995,722 2,188,77 Del Norte 1 1 0 0 4,240 4,340 675,659 1,180,817 1,995,723 1,995,743 1,995,743 1,995,743 1,995,743 1,995,743 1,995,743 1,995,743 1,995,743 1,995,743 1,995,743 1,995,743 1,995,744 1,995 1,995,714	Del Norte		U				9	1,827	5,372	10,016	17,066	50,174	93,551
Uel Norte I	Del Norte		1	U	U	0	5,044	1,504	2,628	4,340	7,586,109	13,257,852	21,888,772
Uel Norte 1 1 0 0 42 1.048 2.628 4.348 3.010 5.261 18.866 Del Norte 1 0 0 0 429 175 3366 557 714,971 155.807 23.937 12.926 4.456 Del Norte 1 1 0 0 7175 3366 557 714,971 155.807 10.970 12.926 4.456 Del Norte 1 1 0 0 7175 3366 557 73.7101 705.833 10.97.44 18.30.45 Del Norte 0 0 0 0 1 1.00 2.927 1.481 2.625 4.190 5.69.00.400 10.974.823 16.1183.045 0.145 0.1537 0.1633 3.552 0.151 4.240.808 7.552.01 12.017 1.632 0.161 1.622 0.105 3.953 6.529 4.973.23 6.703.34 6.866 0.1633 2.4255 4.190 9.4233	Del Norte		1		U	0	449	1,504	2,628	4,340	6/5,659	1,180,814	1,949,529
Uet Norte I U	Del Norte		1			U	2	1,504	2,628	4,340	3,010	5,261	8,686
Uet Norte Cropland I U U U I B 1/75 366 557 1.1,347 2.726 4.439 Del Norte 1 1 1 0 7 175 366 557 1.146 2.239 3.713 Del Norte 0 0 0 2.24 1.133 1.164 2.439 3.713 Del Norte 0 0 0 0.36,464 1.481 2.625 4.190 5.694,400 10.774852 16.1183.045 Del Norte 0 0 1 0 2.877 1.481 2.625 4.190 9.429,237 16.715,353 26.682,275 Del Norte 0 0 1 0 1.270 1.805 3.953 6.529 480.019 1.05.638 26.682,275 Del Norte 0 1 1 0 1.481 2.626 4.191 1.755.583 26.682,275 Del Norte 0 1 1 1	Del Norte		1	U	U	0	429	175	366	557	74,871	156,807	238,742
Uet Norte I U	Del Norte		1	U	U	1	8	175	366	557	1,397	2,926	4,456
Uel Norte I I U	Del Norte	Cropland	1	U		0	1 001	175	366	557	1,164	2,439	3,713
Uet Norte I	Del Norte		1		U	0	1,931	175	366	557	337,018	705,833	1,074,648
Uet Norte 0	Del Norte		1	1	1	0	29	175	366	557	5,123	10,730	16,337
Uet Norte 0 0 1 1/20 1,805 3,953 6,527 1,71,716 4,72,714 71,716 74,714 71,716 74,714 71,716 74,714 71,716 74,714 71,716 74,714 71,716 74,714 71,715 71,716 71,717 71,715 71,715 71,715 71,715 71,715 71,715 71,716 71,717 71,716 71,717 71,716 71,717 71,716 71,717 71,718	Del Norte		U	U	U	0	38,466	1,481	2,625	4,190	56,960,400	100,974,582	161,183,045
Uset Norte U 2,2,7/ 1,481 2,2,62 4,190 4,2,60,008 7,53,201 1,2,05,744 Det Norte Det Norte Det Orte 0 1 0 0,836 3,953 6,529 44,190 9,429,237 16,715,363 26,662,275 Det Norte 0 1 0 1 20 1,481 2,625 4,190 9,429,237 16,715,363 26,662,275 Det Norte 0 1 1 0 11 22 10,91 1,481 2,626 4,190 176,518 312,917 449,501 Det Norte 1 1 0 0 83 1,482 2,626 4,191 12,557 218,965 3,49,524 Det Norte 1 1 0 0 1482 2,626 4,191 12,557 20,483,53 3,269,683 3,269,683 3,269,683 3,269,683 3,269,683 3,269,683 3,269,683 3,269,683 2,21,708 9,63,893 2,208,980 1,18,29 <t< td=""><td>Del Norte</td><td></td><td>U</td><td>U</td><td>U</td><td>1</td><td>120</td><td>1,805</td><td>3,953</td><td>6,529</td><td>215,916</td><td>472,914</td><td>781,192</td></t<>	Del Norte		U	U	U	1	120	1,805	3,953	6,529	215,916	472,914	781,192
Uet Norte Deciduous Forest 0 1 0 1,405 3,593 6,529 4411 879 1,452 Del Norte Forest 0 1 0 0,6368 1,481 2,625 4,190 9,429,237 16,715,353 26,682,275 Del Norte 0 1 0 119 1,481 2,625 4,190 17,65,18 312,917 499,501 Del Norte 0 1 1 0 119 1,482 2,626 4,191 173,537 2,048,534 33,467,53 Del Norte 1 1 0 0 780 1,482 2,626 4,191 123,557 2,048,534 3,269,683 Del Norte Fresh Herbaceus 0 0 0 181,8025 29,509 44,330 320,697 525,020 788,704 Del Norte Wetland 0 0 0 1,19 666 168 264 27,75 6,963 11,92 Del Norte <td>Del Norte</td> <td></td> <td>U</td> <td>U</td> <td>1</td> <td>U</td> <td>2,877</td> <td>1,481</td> <td>2,625</td> <td>4,190</td> <td>4,260,808</td> <td>7,553,201</td> <td>12,056,974</td>	Del Norte		U	U	1	U	2,877	1,481	2,625	4,190	4,260,808	7,553,201	12,056,974
Uet Norte Deciduous Deciduous O 1 0 0 0.0568 1.481 2.625 4.190 9.47.33 10.66,891 1.765.668 Det Norte 0 1 0 1 0 119 1.805 3.953 6.529 488.019 1.066,891 1.4765.668 Det Norte 0 1 1 0 0 83 1.422 1.805 3.953 6.529 39.732 87.023 143.751 Det Norte 0 0 0 83 1.482 2.626 4.191 123.657 218.985 349.524 Det Norte 1 1 0 0 1.482 2.626 4.191 1.23.657 218.985 349.52 42.99.63 39.125 62.488 32.69683 32.69683 32.69683 32.69683 32.69683 32.69683 32.69683 32.69683 32.69683 32.69683 39.125 62.48860 981.972 38.383 3.2.208.080 98.3873 2.2.0860 981.972 <td>Del Norte</td> <td></td> <td>U</td> <td>U</td> <td></td> <td>1</td> <td>0</td> <td>1,805</td> <td>3,953</td> <td>6,529</td> <td>401</td> <td>879</td> <td>1,452</td>	Del Norte		U	U		1	0	1,805	3,953	6,529	401	879	1,452
Uet Norte Forest 0 1 0 1 270 1,005 3,953 6,529 448,019 1,006,891 1,765,083 Del Norte 0 1 1 0 119 1,481 2,625 4,190 176,518 312,917 499,501 Del Norte 1 0 0 0 83 1,482 2,626 4,191 123,557 218,985 349,524 Del Norte 1 1 0 0 780 1,482 2,626 4,191 123,557 218,985 349,524 Del Norte 1 1 1 0 780 1,482 2,626 4,191 123,557 218,985 349,524 2,69683 3269,683<	Del Norte	Deciduous	U		U	U	6,368	1,481	2,625	4,190	9,429,237	16,715,353	26,682,275
Uset Norte U I I U I 19 I, A81 Z, C5 A, I90 I76, 18 31, 2, 91 499, 501 Det Norte 1 0 0 0 3 1, 482 2, 626 4, 191 1123, 557 121, 896 349, 534 32, 696 39, 732 87, 023 143, 751 Det Norte 1 1 1 0 0 788 1, 482 2, 626 4, 191 1, 135, 837 2, 048, 534 3, 269, 683 Det Norte 1 1 1 0 0 991 240 10, 649 24, 395 21, 708 963, 893 2, 208, 080 Det Norte Vettam 0 0 0 119 200 10, 649 24, 395 9, 654 428, 660 981, 972 Det Norte 0 0 0 119 509 641, 303 116, 253 190, 320 285, 905 Det Norte 0 0 0 119 509 611 707	Del Norte	Forest	U	1	U	1	270	1,805	3,953	6,529	488,019	1,068,891	1,765,668
Uet Norte 0 1 1 22 1,805 3,933 6,529 39,732 87,023 143,751 Det Norte 1 0 0 0 83 1,462 2,626 4,191 123,557 218,985 349,524 Det Norte 1 1 0 0 788 7482 2,626 4,191 11,5537 2148,534 3,269,683 Det Norte 1 1 0 0 91 240 10,649 24,395 21,708 963,893 2,208,080 Det Norte 0 0 0 0 1 0 64,402 24,395 9,654 428,660 981,972 Det Norte 0 0 1 0 6 18,025 29,509 44,330 320,697 525,020 788,704 Det Norte 0 0 0 1,194 66 168 264 78,517 200,439 314,846 Det Norte 0 0	Del Norte		U	1	1	0	119	1,481	2,625	4,190	176,518	312,917	499,501
Uet Norte I 0 0 83 1,482 2,626 4,191 123,557 218,985 3347,544 Del Norte 1 1 0 0 780 1,482 2,626 4,191 115,5837 2,048,534 3,269,683 Del Norte Fresh 0 0 0 91 240 10,649 24,395 21,708 963,893 2,208,080 Del Norte Herbaceous 0 0 1 0 18 18,025 29,509 44,330 320,697 525,020 788,704 Del Norte 0 0 1 0 6 18,025 29,509 44,330 116,253 190,320 2285,905 Del Norte 0 0 0 1,194 66 168 264 7,857 200,439 314,846 Del Norte 0 0 1 19 509 611 707 9.83 11.829 13,683 Del Norte 0 0 </td <td>Del Norte</td> <td></td> <td>U</td> <td></td> <td></td> <td> </td> <td>22</td> <td>1,805</td> <td>3,953</td> <td>6,529</td> <td>39,732</td> <td>87,023</td> <td>143,751</td>	Del Norte		U				22	1,805	3,953	6,529	39,732	87,023	143,751
Uet Norte I	Del Norte		1	U	U	U	83	1,482	2,626	4,191	123,557	218,985	349,524
Det Norte I	Del Norte		1		1	0	780	1,482	2,626	4,191	1,155,837	2,048,534	3,269,683
Det Norte Fresh Herbaceous Wetland 0 0 0 0 9 240 10.649 24.335 21.706 796.893 2.208.800 Det Norte Wetland 0 0 0 1 0 18 18.025 29.509 44.330 320.697 525.020 788.704 Det Norte 0 1 0 6 18.025 29.509 44.330 320.697 525.020 788.704 Det Norte 0 1 1 0 6 18.025 29.509 44.330 310.697 525.020 788.704 Det Norte 0 0 0 1.194 66 168 264 78.517 200.439 314.846 Det Norte 0 0 1 1 0 66 168 264 2.735 6.983 10.968 Det Norte 0 1 1 0 331 509 607 707 168.643 914.333 Det Norte	Del Norte					0	15	1,482	2,626	4,191	22,076	39,125	62,448
Upt Norte Herbaceous Wetland 0 0 1 0 18 18,025 29,509 44,330 320,697 525,020 788,704 Del Norte 0 1 0 0 40 240 10,649 24,395 9,654 428,660 981,972 Del Norte 0 1 1 0 6 18,025 29,509 44,330 320,697 20,039 285,905 Del Norte 0 0 0 1,194 66 168 264 2,735 6,983 11,829 13,683 Del Norte 0 0 1 0 42 66 168 264 2,735 6,983 10,968 Del Norte 0 1 0 34,467 65 164 264 226,281 568,643 914,333 Del Norte 0 1 0 34,467 65 164 264 226,281 568,643 914,333 Del Norte 0 <	Del Norte	Fresh	U	U	U	U	91	240	10,649	24,395	21,708	963,893	2,208,080
Det Norte Wettand 0 1 0 0 40 240 10,649 24,375 9,654 428,660 981,772 Det Norte 0 1 1 0 6 18,025 29,509 44,330 116,253 190,320 285,905 Det Norte 0 0 0 1.194 66 168 264 78,517 200,439 314,846 Det Norte 0 0 1 0 42 66 168 264 2,735 6,983 10,968 Det Norte 0 0 1 0 42 66 168 264 2,735 6,983 10,968 Det Norte 0 0 1 0 0 3,467 65 164 264 226,281 56,643 914,333 Det Norte 0 1 0 0 3,467 65 164 264 6,114 15,608 24,517 Det Norte 0	Del Norte	Herbaceous	U	0		0	18	18,025	29,509	44,330	320,697	525,020	788,704
Det Norte 0 1 1 0 6 18,025 27,509 44,330 116,253 190,320 285,905 Det Norte 0 0 0 1 19 509 611 707 9,853 11,829 314,846 Det Norte 0 0 1 19 509 611 707 9,853 11,829 13,683 Det Norte 0 0 1 0 42 66 168 264 27,35 6,983 10,963 Det Norte 0 1 0 3,467 65 164 264 226,281 568,643 914,333 Det Norte 0 1 0 66 24,435 29,814 50,947 1,624,827 1,982,488 3,387,794 Det Norte 0 1 1 0 66 24,435 29,814 50,947 20,579 92,469 237,939 Det Norte 0 1 1 0 <t< td=""><td>Del Norte</td><td>Wetland</td><td>0</td><td></td><td>1</td><td>0</td><td>40</td><td>240</td><td>10,649</td><td>24,395</td><td>9,654</td><td>428,660</td><td>981,972</td></t<>	Del Norte	Wetland	0		1	0	40	240	10,649	24,395	9,654	428,660	981,972
Det Norte 0 0 0 1,194 66 168 264 78,517 200,439 314,846 Det Norte 0 0 0 1 19 509 611 707 9,853 11,829 13,683 Det Norte 0 0 1 0 42 66 168 264 2,735 6,983 10,968 Det Norte 0 0 1 0 42 66 168 264 2,735 6,983 10,968 Det Norte 0 1 0 3,467 65 164 264 226,281 568,643 914,333 Det Norte 0 1 0 0 3,467 65 164 264 226,281 568,643 914,333 Det Norte 0 1 0 66 24,435 29,814 50,947 1,624,827 1,982,488 3,387,794 Det Norte 0 1 1 5 4,406	Del Norte		U			0	0	18,025	29,509	44,330	116,253	190,320	285,905
Det Norte 0 0 0 1 19 309 611 707 9,833 11,629 13,683 Del Norte 0 0 1 0 42 66 168 264 2,735 6,983 10,968 Del Norte 0 0 1 1 0 509 611 707 113 136 157 Del Norte 0 1 0 3,467 65 164 264 226,281 568,643 914,333 Del Norte 0 1 0 0 3,467 65 164 264 226,281 568,643 914,333 Del Norte 0 1 0 0 3,467 65 164 264 226,281 568,643 914,333 Del Norte 0 1 0 66 24,435 29,814 50,947 1,624,827 1,982,488 3,387,794 Del Norte 0 1 1 0	Del Norte	-	U	0	U	1	1,194	00	108	204	/8,51/	200,439	314,840
Det Norte 0 0 1 0 42 06 166 264 2.735 6.763 10,766 Det Norte Det Norte 0 0 1 1 0 509 611 707 113 136 157 Det Norte 0 1 0 0 3,467 65 164 264 226,281 568,643 914,333 Det Norte 0 1 0 1 331 509 607 707 168,576 201,299 234,340 Det Norte 0 1 1 0 666 24,435 29,814 50,947 1,624,827 1,982,488 3,387,794 Det Norte 0 1 1 5 4,406 19,799 50,947 1,624,827 1,982,488 3,387,794 Det Norte 1 1 0 0 93 66 168 264 6,114 15,608 24,517 Det Norte 1 1	Del Norte		0	0	1	 0	19	509	611	/0/	9,853	11,829	10,083
Det Norte 0 0 1 1 0 309 611 707 113 136 157 Det Norte 0 1 0 0 3,467 65 164 264 226,281 568,643 914,333 Det Norte 0 1 0 1 331 509 607 707 168,576 201,299 234,340 Det Norte 0 1 1 0 66 24,435 29,814 50,947 1,624,827 1,982,488 3,387,794 Det Norte 0 1 1 0 66 24,435 29,814 50,947 20,579 92,469 237,939 Det Norte 1 0 0 93 66 168 264 6,114 15,608 24,517 Det Norte 1 1 0 0 957 65 164 264 62,445 156,925 252,323 Det Norte 1 1 0	Del Norte		0	0	1	1	42	00	108	204	Z,/35	0,983	10,908
Det Norte Grassland 0 1 0 0 3,467 653 164 264 226,281 308,643 914,333 Det Norte 0 1 0 1 331 509 607 707 168,576 201,299 234,340 Det Norte 0 1 1 0 666 24,435 29,814 50,947 1,624,827 1,982,488 3,387,794 Det Norte 0 1 1 0 666 24,435 29,814 50,947 1,624,827 1,982,488 3,387,794 Det Norte 1 0 0 933 666 168 264 6,114 15,608 24,517 Det Norte 1 1 0 0 957 655 164 264 62,445 156,925 252,323 Det Norte Lake 0 1 0 93 100 6,735 13,369 9,268 624,552 1,239,836 Det Norte <td>Del Norte</td> <td>-</td> <td>U</td> <td>1</td> <td>0</td> <td>0</td> <td>U</td> <td>509</td> <td>011</td> <td>/0/</td> <td>113</td> <td>I 30</td> <td>15/</td>	Del Norte	-	U	1	0	0	U	509	011	/0/	113	I 30	15/
Det Norte Grasstand 0 1 0 1 331 509 607 707 166,576 201,279 224,340 Det Norte 0 1 1 0 666 24,435 29,814 50,947 1,624,827 1,982,488 3,387,794 Det Norte 0 1 1 0 666 24,435 29,814 50,947 20,579 92,469 237,939 Det Norte 1 0 0 93 666 168 264 6,114 15,608 24,517 Det Norte 1 1 0 0 957 65 164 264 6,114 15,608 24,517 Det Norte 1 1 0 0 957 65 164 264 62,445 156,925 252,323 Det Norte Lake 0 0 1 0 93 100 6,735 13,369 9,268 624,552 1,239,836 Det Norte <td>Del Norte</td> <td>Caraalaad</td> <td>U</td> <td>1</td> <td>0</td> <td>1</td> <td>3,40/</td> <td>60</td> <td>104</td> <td>204</td> <td>220,281</td> <td>508,043</td> <td>914,333</td>	Del Norte	Caraalaad	U	1	0	1	3,40/	60	104	204	220,281	508,043	914,333
Det Norte 0 1 1 0 000 24,433 29,614 30,947 1,624,627 1,862,468 3,367,794 Det Norte 0 1 1 1 5 4,406 19,799 50,947 20,579 92,469 237,939 Det Norte 1 0 0 93 66 168 264 6,114 15,608 24,517 Det Norte 1 1 0 0 957 65 164 264 62,445 156,925 252,323 Det Norte 1 1 0 0 93 100 6,735 13,369 9,268 624,552 1,239,836 Det Norte Lake 0 1 1 0 336 100 6,735 13,369 9,268 624,552 1,239,836 Det Norte Lake 0 1 1 177 100 6,735 13,369 1,689 113,827 225,965 Det Norte	Del Norte	Grassland	0	1	U 1	0	331	2/ /25	00/	/U/ E0.0/7	1 (2 (027	201,299	234,340
Det Norte I I I S 4,406 19,799 50,947 20,579 92,409 237,339 Del Norte 1 0 0 0 93 66 168 264 6,114 15,608 24,517 Del Norte 1 1 0 0 957 65 164 264 62,445 156,925 252,323 Del Norte 1 1 0 0 957 65 164 264 62,445 156,925 252,323 Del Norte 1 1 0 0 7 24,435 29,814 50,947 179,329 218,803 373,904 Del Norte	Del Norte		0	1	1	1	00	24,435	29,814	50,947	1,024,027	1,782,488	3,387,794
Det Norte 1 0 0 93 66 166 264 6,114 15,008 24,317 Det Norte 1 1 0 0 957 65 164 264 6,114 15,008 24,317 Det Norte 1 1 0 0 957 65 164 264 62,445 156,925 252,323 Det Norte 1 1 0 0 7 24,435 29,814 50,947 179,329 218,803 373,904 Det Norte 0 0 1 0 93 100 6,735 13,369 9,268 624,552 1,239,836 Det Norte 0 1 1 0 336 100 6,735 13,369 33,605 2,264,563 4,495,521 Det Norte 0 1 1 1 17 100 6,735 13,369 1,689 113,827 225,965 Det Norte 0 1 0<	Del Norte		1	1	1	0	00	4,400	19,799	50,947	20,0/9	92,409	237,939
Det Norte 1 1 0 0 937 03 104 204 02,443 150,723 202,323	Del Norte		1	1	0	0	93	<u> </u>	108	204	0,114	15,000	24,517
Det Norte I	Del Norte		1	1	U 1	0	90/	00	20.01/	Z04	02,440	100,720	252,323
Det Norte Lake 0 0 1 0 93 100 6,735 13,369 9,268 624,352 1,259,636 Del Norte 0 1 1 0 336 100 6,735 13,369 9,268 624,352 1,259,636 Del Norte 0 1 1 0 336 100 6,735 13,369 33,605 2,264,563 4,495,521 Del Norte 0 1 1 1 17 100 6,735 13,369 1.689 113,827 225,965 Del Norte 1 1 0 2,846 100 6,735 13,369 284,398 19,164,913 38,045,428 Del Norte Marine 0 1 0 49 5,327 5,342 5,358 260,635 261,383 262,132 Del Norte Marine 0 1 0 1 5,327 5,342 5,358 10,662 10,693 10,724 Del N	Del Norte		1	1	1	0	/	24,435	29,014	20,74/	1/9,329	210,003	3/3,904
Det Norte Lake 0 1 1 0 330 100 0,733 13,369 33,005 2,204,503 4,495,521 Del Norte 0 1 1 1 17 100 6,735 13,369 1,689 113,827 225,965 Del Norte 1 1 0 2,846 100 6,735 13,369 284,398 19,164,913 38,045,428 Del Norte 0 1 0 249 5,327 5,342 5,358 260,635 261,383 262,132 Del Norte Marine 0 1 0 1 2 5,327 5,342 5,358 10,662 10,693 10,724 Del Norte 0 1 0 1 5,277 5,242 5,358 10,662 10,693 10,724	Del Norte		U	U 1	1	U n	93	100	0,/35	13,369	9,208	024,552	I,237,836
Det Norte 0 1 1 1/ 1// 1/0 6,735 13,369 1,669 113,82/ 225,965 Del Norte 1 1 1 0 2,846 100 6,735 13,369 284,398 19,164,913 38,045,428 Del Norte 0 1 0 0 49 5,327 5,342 5,358 260,635 261,383 262,132 Del Norte 0 1 0 1 2 5,327 5,342 5,358 10,662 10,693 10,724 Del Norte 0 1 1 2 5,327 5,242 5,358 10,662 10,693 10,724	Del Norte	Lake	U	1	1	U 1	JJO 17	100	0,/35	13,307	JJ,0UD	2,204,003	4,470,021
Det Norte I <thi< th=""> I <thi< th=""> <thi< t<="" td=""><td>Del Norte</td><td></td><td>U 1</td><td>1</td><td>1</td><td>1 0</td><td>1/</td><td>100</td><td>0,/35</td><td>13,367</td><td>1,007</td><td>IIJ,ŏZ/ ۱۵ ۱/ / ۵۱۹</td><td>220,765</td></thi<></thi<></thi<>	Del Norte		U 1	1	1	1 0	1/	100	0,/35	13,367	1,007	IIJ,ŏZ/ ۱۵ ۱/ / ۵۱۹	220,765
U I U I U 47 5,327 5,342 5,358 200,035 201,383 262,132 Del Norte Marine 0 1 0 1 2 5,327 5,342 5,358 10,662 10,693 10,724 Del Norte 0 1 1 0 1 5,277 5,242 5,258 4,730 4,752 4,744	Del Norte		 	1	1	U	<u>ک</u> ,۵40		0,/JD	13,367 E 0 F 0	204,398	17,104,713	JØ,U4D,428
Del Norto Indillity U I U I L 3,32/ 3,342 3,336 IU,002 IU,093 IU,724 Dol Norto 0 1 1 0 1 5,327 5,320 5,350 7,700 7,720 7,720	Del Norte	Marina	U	1	U	U 1	49 0	5,32/ ב גר גיר ב	5,34Z	5,358 ב סבה	200,035	201,383	202,132 10.797
	Del Norte	ridiiilë	U N	1	U 1	ו 0	L Z	ບ,ວ// ເວງາ	ບ,34Z ແນ/ນ	ບ,ວປຽ ແລະດ	10,00Z / 700	10,073 / 759	10,724

County Lad Cover Bit			lture	J.	an								
County Land Cover 2 3 Acres Space (space)			lricu	asta	parie	ban		Minimum	Average	High	Minimum(\$/	Average(\$/	
Del Norte Mixed Forest 0 0 0 1/10 1/14 2.484 3.674 7.891.7 7.17.200 6.971.9 Del Norte 0 0 0 1 1 6.4 1.659 3.985 7.487 7.30.55 175.407 7.291.57 Del Norte Del Norte 0 0 0 6.625 1.141 2.484 3.674 1.845 4.429 8.325 Del Norte Del Norte 1 0 0 6.625 1.181 1.825 1.289 1.845 1.452 2.992.715 1.845 1.893 6.65.79 6.65.75 6.77.97 1.38.01 1.80.75 2.382.072 2.382.072 2.382.072 2.382.072 2.382.072 2.382.072 2.382.072 2.382.072 2.382.072 3.380.76 1.11.40 3.865 1.299 1.40.243 3.382.01 6.67.97 4.841 3.461 3.464 3.464 3.464 3.464 3.462 3.201.75 6.383.303 1.299.163.01 1.11.40	County	Land Cover	Ă	പ്	ž	5	Acres	(\$/acre/year)	(\$/acre/year)	(\$/acre/year)	year)	yearJ	High(\$/year)
Del Norte Mixed Forest 0 0 0 1 4.44 1.459 3.983 7.487 73.955 175.407 329.678 Del Norte 0 0 1 1 0 0 8.1414 2.864 3.674 10.955 11.75.07 13.825 11.822 2.79.78 2.29.77 Del Norte Pasture 1 1 0 0 6.626 2.18 2.89.33 7.487 1.84.5 4.4.29 8.325.5 6.77.72 Del Norte Pasture 1 1 0 0 3.865 1.253 2.89 1.812.823 2.88.207 6.65.56 6.7.674 8.84.10 Del Norte Pasture 0 0 1 0 3.3865 1.89.31 2.61.520 2.66.56 2.77.47 8.84.11 Del Norte Pasture 0 0 1 0 3.3865 18.942 37.577 1.33.317 6.5.66 1.842 2.026 3.865 18.942 37.577<	Del Norte		0	0	0	0	190	1,414	2,484	3,674	268,327	471,200	697,012
Det Norte 0 0 0 8 1,14 2,244 3,3/4 10,6/5 17,722 27,722 Del Norte 0 0 1 1 1,6/5 3,983 7,447 1,445 4,4/27 8,325 Del Norte Pasture 1 0 0 6,226 218 253 289 136,819 156,806 18,0793 Del Norte Pasture 1 1 0 0 3,65 12,026 249 18,02,483 2097,378 238,027 266,554 271,589 Del Norte Reservoir 0 1 1 0 3,305 6 6 6 6,551 2778 3366 Del Norte River 0 0 1,30 5,6 6 6 7,671 7,846 8,830 Del Norte Saine 0 1 1 0 333 3,365 18,942 37,577 1,33,317 6,633,703 12,991,641 3,983	Del Norte	Mixed Forest	0	0	0	1	44	1,659	3,983	7,487	73,055	175,407	329,678
Del Norte 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0	Del Norte		0	0	1	0	8	1,414	2,484	3,674	10,695	18,782	27,782
Del Norte Pasture 1 0 0 0 626 218 223 229 13.8.19 158.806 1807.93 Del Norte - 1 1 0 0 8.254 2.18 2.53 2.89 1.802.643 2.092.378 2.382.072 Del Norte Reservoir 0 1 1 0 3 865 12.556 4.028 2.2510 2.65.55 27.569 Del Norte River 0 0 1 1 0 1.330 5 6 6 2.5500 3.6515 1116.465 Del Norte Del Norte 0 0 1 0 0.1300 5 6 6 2.5500 3.5156 1116.465 Del Norte Partici 1.00 0 1.3301 5 6 6 7.957 7.332.017 1.323.017 4.533.703 112.91.660.211 Del Norte Del Norte 0 0 0 32.897 14.64	Del Norte		0	0	1	1	1	1,659	3,983	7,487	1,845	4,429	8,325
Del Norte Pasture 1 0 1 0 360 1.823 1.858 1.993 65.279 66.535 67.792 Del Norte Del Norte Reservir 0 1 1 0 8.256 278 1.858 1.893 2.092,378 2.382.072 Del Norte Reservir 0 1 1 0 1.380 5 6 6 6.906 7.674 8.841 Del Norte River 0 0 1 1 0 1.410 5 6 6 7.061 7.846 8.840 Del Norte Del Norte Saline 0 1 1 0 3.331 5 6 6 7.051 7.833.00 12.961.661 Del Norte Saline 0 1 0 3.356 18.942 37.577 1.33.017 6.537.08 12.961.661 Del Norte Wetland 1 0 0 3.865 18.942 37.577 <	Del Norte		1	0	0	0	626	218	253	289	136,819	158,806	180,793
Del Norte 1 1 0 0 8,254 218 253 299 1,802,683 2,097,378 2,382,072 Del Norte Reservoir 0 1 1 0 143 1,858 1,893 264,550 264,550 264,550 264,550 264,550 264,550 264,550 264,550 264,550 264,550 264,550 264,550 264,550 264,550 264,550 266,554 271,589 306 Del Norte 0 0 1 0 1,300 5 6 6 7,661 7,864 8,630 Del Norte Metro 0 0 0 33,865 18,942 37,577 1,330,017 6,533,703 1,32,79,869 13,727,	Del Norte	Pastura	1	0	1	0	36	1,823	1,858	1,893	65,279	66,535	67,792
Del Norte Reservair 1 1 1 0 1/3 1,233 1,858 1,893 261,520 266,554 271,590 Del Norte River 0 0 1 0 3 865 12,506 40,250 36,156 116,466 Del Norte Norte 0 0 1 1 5 6 6 6,506 7,674 8,441 Del Norte 1 1 0 331 5 6 6 7,061 7,846 8,630 Del Norte Herbaceous 0 1 0 335 3,865 18,942 37,577 1,333,017 6,533,703 12,791,661 Del Norte Wettant 1 1 0 0 32,892 146 146 146 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,72	Del Norte	Tastate	1	1	0	0	8,254	218	253	289	1,802,683	2,092,378	2,382,072
Del Norte Reservoir 0 1 1 0 3 865 12,506 40,284 2,500 3,615 11,646 Del Norte River 0 0 1 1 0 1,300 5 6 6 6,7051 7,674 8,441 Del Norte River 0 0 1 1 0 1,310 5 6 6 6 7,051 7,846 8,630 Del Norte Saine 0 1 1 0 333 5 6 6 7,051 7,846 8,630 Del Norte Saine 0 0 0 333 655 18,942 37,577 1,33,017 6,639,769 13,270,860 Del Norte Del Norte 0 0 0 1 124 146 146 146 146 14,61 18,070 08,0720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 <td>Del Norte</td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td>0</td> <td>143</td> <td>1,823</td> <td>1,858</td> <td>1,893</td> <td>261,520</td> <td>266,554</td> <td>271,589</td>	Del Norte		1	1	1	0	143	1,823	1,858	1,893	261,520	266,554	271,589
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Del Norte	Reservoir	0	1	1	0	3	865	12,506	40,284	2,500	36,156	116,466
Del Norte River 0 0 1 1 50 5 6 6 251 278 3366 Del Norte 0 1 1 0 1,410 5 6 6 7,061 7,846 8,630 Del Norte Saline 0 1 0 331 5 6 6 16,532,703 12,961,661 Del Norte Wetland 0 1 0 0 3365 18,942 37,577 1,333,017 6,533,703 12,961,661 Del Norte Wetland 0 0 0 325,873 3,865 18,942 37,577 1,364,817 6,689,569 13,270,389 Del Norte 0 0 0 0 1 124 146 146 146 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720	Del Norte		0	0	1	0	1,380	5	6	6	6,906	7,674	8,441
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Del Norte	Divor	0	0	1	1	50	5	6	6	251	278	306
Del Norte Saline Bel Norte I <thi< th=""> I <thi< th=""> <thi< th=""></thi<></thi<></thi<>	Del Norte	RIVEI	0	1	1	0	1,410	5	6	6	7,061	7,846	8,630
Del Norte Saline Herbaceous 0 1 0 345 3,865 18,942 37,577 1,333,017 6,533,703 12,961,661 Del Norte Wetland 1 0 0 336 18,942 37,577 67,897 332,773 66,027.03 660,021 660,071 66,087,509 132,703,899 660,021 480,6720 <th< td=""><td>Del Norte</td><td></td><td>1</td><td>1</td><td>1</td><td>0</td><td>331</td><td>5</td><td>6</td><td>6</td><td>1,658</td><td>1,842</td><td>2,026</td></th<>	Del Norte		1	1	1	0	331	5	6	6	1,658	1,842	2,026
Del Norte Herbaceous 0 1 1 0 18 3,865 18,942 37,577 67,897 332,793 660,201 Del Norte Wetland 1 1 0 0 353 3,865 18,942 37,577 1,344,817 6,689,569 13,270,80 Del Norte 0 0 0 353 3,865 18,942 37,577 1,344,817 6,689,569 13,270,80 Del Norte 0 0 0 1 124 146 146 146 4,806,720 4,806,7	Del Norte	Saline	0	1	0	0	345	3,865	18,942	37,577	1,333,017	6,533,703	12,961,661
Det Norte Wetland 1 1 0 0 353 3,865 18,942 37,577 1,364,817 6,689,569 13,270,869 Det Norte 0 0 0 0 32,892 1446 146 146 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 1,8070 18,070 14,0 13,035 10,035 13,035 10,035 13,035 10,035 13,035 10,035 13,035 10,035 13,035 10,035 10,035 10,035 10,0	Del Norte	Herbaceous	0	1	1	0	18	3,865	18,942	37,577	67,897	332,793	660,201
Det Norte 0 0 0 0 32,892 146 146 146 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 4,806,720 18,070 12,0335 10,335 10	Del Norte	Wetland	1	1	0	0	353	3,865	18,942	37,577	1,364,817	6,689,569	13,270,869
Del Norte 0 0 0 1 1224 146 146 146 16,070 18,070 18,070 Del Norte Shrubland 0 0 1 0 959 224 413 767 214,470 395,886 735,237 Del Norte 0 1 0 0 3,224 413 767 214,470 395,886 735,237 Del Norte 0 1 0 0 3,405 146 146 146 447,647 497,647 <td>Del Norte</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>32,892</td> <td>146</td> <td>146</td> <td>146</td> <td>4,806,720</td> <td>4,806,720</td> <td>4,806,720</td>	Del Norte		0	0	0	0	32,892	146	146	146	4,806,720	4,806,720	4,806,720
Det Norte 0 0 1 0 959 224 413 767 214,470 395,886 735,237 Det Norte 0 0 1 1 3 224 413 767 696 1,285 2,387 Det Norte 0 1 0 0 3,405 146 146 146 497,647 491,632,689 10,335 10,335 10,335 10,335 10,335 10,375 </td <td>Del Norte</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>124</td> <td>146</td> <td>146</td> <td>146</td> <td>18.070</td> <td>18.070</td> <td>18.070</td>	Del Norte		0	0	0	1	124	146	146	146	18.070	18.070	18.070
Det Norte 0 0 1 1 3 224 413 767 696 1.265 2.387 Det Norte 0 1 0 3,405 146 146 146 497,647	Del Norte		0	0	1	0	959	224	413	767	214,470	395.886	735,237
Det Norte Shrubland 0 1 0 0 3,405 146 146 146 447,647 497,647 423,389 10,335 10,335 10,335 10,335 10,335 10,335 10,335 10,335 10,335 10,335 10,335 10,335 10,335 10,335 10,335 10,335 10,335 10,335	Del Norte		0	0	1	1	3	224	413	767	696	1.285	2.387
Det Norte 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1	Del Norte	Shrubland	0	1	0	0	3,405	146	146	146	497.647	497.647	497.647
Jost Norde Jost No	Del Norte		0	1	0	1	71	146	146	146	10 335	10 335	10 335
Det Norte 1 1 0	Del Norte		0	1	1	0	42	224	413	767	9 448	17 440	32 389
Image: Section of the sectin of the section of the section	Del Norte		1	1	N	0	404	146	146	146	59 053	59 053	59 053
Jost Note Total Total Control Control <thcontrol< th=""> <thcontrol< th=""> <thcon< td=""><td>Del Norte</td><td></td><td>1</td><td>1</td><td>1</td><td>n N</td><td>101</td><td>18 411</td><td>18 600</td><td>18 954</td><td>4 1194</td><td>4 137</td><td>4 215</td></thcon<></thcontrol<></thcontrol<>	Del Norte		1	1	1	n N	101	18 411	18 600	18 954	4 1194	4 137	4 215
Glenn Coniferous Forest 0 0 0 0 47,014 1,503 2,628 4,339 70,676,358 123,542,857 203,991,933 Glenn Glenn Deciduous Glenn 0 0 1 0 1,231 1,503 2,628 4,339 70,676,358 123,542,857 203,991,933 Glenn/Glenn Glenn/Glenn Glenn/Glenn Glenn/Glenn Glenn/Glenn Glenn/Glenn 0 0 0 2,798 1,481 2,625 4,190 4,142,910 7,344,200 11,723,352 Glenn/Glenn Glenn/Glenn Glenn/Glenn Glenn/Glenn Glenn/Grest 0 0 0 0 0 0 0 0 933 1,481 2,625 4,190 138,317 245,196 391,400 <td>Del Norte Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>662.940</td> <td>10,111</td> <td>10,000</td> <td>10,701</td> <td>941.283.215</td> <td>1.699.885.493</td> <td>2.822.931.775</td>	Del Norte Total						662.940	10,111	10,000	10,701	941.283.215	1.699.885.493	2.822.931.775
Glenn Forest 0 0 1 0 1,231 1,503 2,628 4,339 1,850,147 3,234,073 5,340,047 Glenn Deciduous 0 0 0 0 2,798 1,481 2,625 4,190 4,142,910 7,344,200 11,723,352 Glenn Forest 0 0 1 0 93 1,481 2,625 4,190 4,142,910 7,344,200 11,723,352 Glenn Fresh 0 0 0 0 50 240 10,649 24,395 12,054 535,233 1,226,108 Glenn Herbaceous Wetland 0	Glenn	Coniferous	0	0	0	0	47.014	1.503	2.628	4.339	70.676.358	123.542.857	203.991.933
Glenn Deciduous Forest 0 0 0 0 2,798 1,481 2,625 4,190 4,142,910 7,344,200 11,723,352 Glenn Forest 0 0 1 0 93 1,481 2,625 4,190 4,142,910 7,344,200 11,723,352 Glenn Fresh Herbaceous Wetland 0 0 0 0 93 1,481 2,625 4,190 138,317 245,196 391,400 Glenn Fresh Wetland 0 0 0 0 0 0 0 0 0 0 391,400 Glenn Glenn Grassland 0 0 0 0 7 18,025 29,509 44,330 124,270 203,445 305,623 Glenn Lake 0 0 1 0 40 66 168 264 105,503 269,331 423,060 Glenn Lake 0 1 0 10 100 <t< td=""><td>Glenn</td><td>Forest</td><td>0</td><td>0</td><td>1</td><td>0</td><td>1.231</td><td>1.503</td><td>2.628</td><td>4,339</td><td>1.850.147</td><td>3.234.073</td><td>5.340.047</td></t<>	Glenn	Forest	0	0	1	0	1.231	1.503	2.628	4,339	1.850.147	3.234.073	5.340.047
Glenn Forest 0 0 1 0 93 1,481 2,625 4,190 138,317 245,196 391,400 Glenn Fresh 0 0 0 0 50 50 240 10,649 24,395 12,054 535,233 1,226,108 Glenn Herbaceous Wetland 0 0 0 0 77 18,025 29,509 44,330 124,270 203,445 305,623 Glenn Grassland 0 0 0 0 1 0 77 18,025 29,509 44,330 124,270 203,445 305,623 Glenn Grassland 0 0 0 1 0 40 66 168 264 105,503 269,331 423,060 Glenn Lake 0 0 1 0 100 100 6,735 13,369 1,045 70,393 139,742 Glenn Shrubland 0 0 1	Glenn	Deciduous	0	0	0	0	2 7 9 8	1 481	2,625	4 190	4 142 910	7 344 200	11 723 352
Glenn Fresh Wetland 0 0 0 0 50 70 7100 7100<	Glenn	Forest	n	n N	1	0	93	1 481	2,625	4 190	138 317	245 196	391 400
Herbaceous Wetland 0 1 0 7 18,025 29,509 44,330 124,270 203,445 305,623 305,623 Glenn Grassland 0 0 0 0 1 0 40 66 168 264 105,503 269,331 423,060 61,015 61,01	Glenn	Fresh	0	0	0	0	50	240	10.649	24 395	12 054	535 233	1 226 108
Glenn Grassland 0 0 0 0 0 1 0 1 6 1 6 1 6 1 6 1 6 1 1 1 1 0 1 1 0 1 1 0 1 1 0 1 <	Glenn	Herbaceous Wetland	0	0	1	0	7	18,025	29,509	44,330	124,270	203,445	305,623
Glenn Grassland 0 0 1 0 40 66 168 264 2,633 6,721 10,557 Glenn Lake 0 0 1 0 40 66 168 264 2,633 6,721 10,557 Glenn Lake 0 0 1 0 10 100 6,735 13,369 1,045 70,393 139,742 Glenn Shrubland 0 0 0 1,223 146 146 146 178,720	Glenn		0	0	0	0	1.604	66	168	264	105.503	269.331	423.060
Glenn Lake 0 0 1 0 10 100 6,735 13,369 1,045 70,393 139,742 Glenn Shrubland 0 0 0 1,023 146 146 146 178,720 178,7	Glenn	Grassland	0	0	1	0	40	66	168	264	2 633	6 721	10 557
Glenn 0 0 0 0 1 0 1,223 146 146 146 178,720	Glenn	Lake	n	n n	1	0	10	100	6 735	13 369	1 045	70,393	139 742
Shrubland 0 0 0 0 0 1	Glenn	Edito	n	0 0	n N	<u> </u>	1 223	146	146	146	178 720	178 720	178 720
Glenn Total 0 1 0 <th< td=""><td>Glenn</td><td>Shrubland</td><td>n</td><td>n N</td><td>1</td><td>0</td><td>18</td><td>274</td><td>413</td><td>767</td><td>3 978</td><td>7 343</td><td>13 638</td></th<>	Glenn	Shrubland	n	n N	1	0	18	274	413	767	3 978	7 343	13 638
Humboldt Bay/Estuary 0 1 0 26 13,042 13,091 13,140 333,546 334,805 336,064 Humboldt 0 1 0 7 13,042 13,091 13,140 333,546 334,805 336,064	Glenn Total		0	0	-	0	54 089			, , , ,	77 235 934	135 637 512	223 766 181
Humboldt Bay/Estuary 0 1 0 7 13,042 13,091 13,140 89,913 90,252 90,591	Humholdt		Π	1	Π	Π	26	13 0/2	13 001	13 1/0	333 5/6	334 805	336,064
	Humboldt	Bay/Estuary	n	1	1	0 N	7	13,042	13,071	13,140	80 012	QN 252	QN F01
1 Humboldt 1 0 1 1 0 0 2 763 1276 12760 12760 127676 127676 276 276 276 276 276 276	Humboldt			1	י ח	0	2 4 4 2	10,042	177 474	177 40	376 603 376	276 602 276	376 603 376
Initiation Image: Constraint of the state o	Humboldt	Roach		1	1	0	<u>۲,003</u>	122,020	122,020	122,020	۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲	ر 001 ۲۵۵ ۲۵۵۱ ۲۵۵	4 001 EU2
Humboldt 1 1 0 016 122,020 122,020 122,020 0,701,002 0,701,002 0,701,002 0,701,002 0,701,002 0,701,002 0,701,002	Humboldt	DEGUI	1	1	n N	0 N	014	122,020	177 676	122,020	112 221 271	112 221 271	112 221 271

		ture		=								
		ricul	astal	arial	nan		Minimum	Average	High	Minimum(\$/	Average(\$/	
County	Land Cover	Agi	cõ	Rip	Urb	Acres	(\$/acre/year)	(\$/acre/year)	(\$/acre/year)	year)	year)	High(\$/year)
Humboldt		0	0	0	0	1,486,538	1,503	2,628	4,339	2,234,695,632	3,906,266,398	6,449,962,835
Humboldt		0	0	0	1	1,806	1,827	5,372	10,016	3,300,212	9,702,726	18,090,955
Humboldt		0	0	1	0	53,335	1,503	2,628	4,339	80,178,171	140,152,104	231,416,850
Humboldt		0	0	1	1	42	1,827	5,372	10,016	77,609	228,173	425,434
Humboldt	Coniferous	0	1	0	0	61,916	1,503	2,628	4,339	93,077,381	162,700,030	268,647,614
Humboldt	Forest	0	1	0	1	119	1,827	5,372	10,016	217,793	640,318	1,193,887
Humboldt		0	1	1	0	1,095	1,503	2,628	4,339	1,646,210	2,877,588	4,751,426
Humboldt		1	0	0	0	14,174	1,504	2,628	4,340	21,317,368	37,255,267	61,508,608
Humboldt		1	0	1	0	92	1,504	2,628	4,340	137,808	240,839	397,627
Humboldt		1	1	0	0	229	1,504	2,628	4,340	344,854	602,683	995,032
Humboldt		1	1	1	0	2	1,504	2,628	4,340	2,341	4,092	6,756
Humboldt		1	0	0	0	5,993	175	366	557	1,045,909	2,190,497	3,335,085
Humboldt		1	0	0	1	97	175	366	557	16,884	35,361	53,838
Humboldt		1	0	1	0	197	175	366	557	34,428	72,103	109,779
Humboldt	Cropland	1	0	1	1	2	175	366	557	311	650	990
Humboldt	oroptana	1	1	0	0	9,220	175	366	557	1,609,210	3,370,246	5,131,282
Humboldt		1	1	0	1	86	175	366	557	15,021	31,459	47,897
Humboldt		1	1	1	0	443	175	366	557	77,394	162,090	246,787
Humboldt		1	1	1	1	2	175	366	557	388	813	1,238
Humboldt		0	0	0	0	266,067	1,481	2,625	4,190	393,995,011	698,441,043	1,114,902,904
Humboldt		0	0	0	1	1,192	1,805	3,953	6,529	2,150,735	4,710,681	7,781,426
Humboldt		0	0	1	0	10,583	1,481	2,625	4,190	15,671,923	27,781,861	44,347,447
Humboldt		0	0	1	1	123	1,805	3,953	6,529	222,739	487,857	805,876
Humboldt		0	1	0	0	8,775	1,481	2,625	4,190	12,994,181	23,034,985	36,770,136
Humboldt	Deciduous	0	1	0	1	159	1,805	3,953	6,529	287,353	629,380	1,039,653
Humboldt	Forest	0	1	1	0	244	1,481	2,625	4,190	361,270	640,428	1,022,299
Humboldt		0	1	1	1	4	1,805	3,953	6,529	7,625	16,701	27,589
Humboldt		1	0	0	0	631	1,482	2,626	4,191	934,752	1,656,696	2,644,268
Humboldt		1	0	1	0	33	1,482	2,626	4,191	49,423	87,594	139,810
Humboldt		1	1	0	0	790	1,482	2,626	4,191	1,169,675	2,073,060	3,308,830
Humboldt		1	1	1	0	20	1,482	2,626	4,191	29,324	51,972	82,954
Humboldt	Freeb	0	0	0	0	70	240	10,649	24,395	16,747	743,642	1,703,531
Humboldt	Fresh	0	0	1	0	4	18,025	29,509	44,330	68,148	111,567	167,600
Humboldt	Wetland	0	1	0	0	14	240	10,649	24,395	3,307	146,834	336,366
Humboldt	Wettand	0	1	1	0	7	18,025	29,509	44,330	128,279	210,008	315,482
Humboldt		0	0	0	0	170,650	66	168	264	11,223,600	28,651,830	45,005,734
Humboldt		0	0	0	1	433	509	611	707	220,271	264,447	305,900
Humboldt		0	0	1	0	2,360	66	168	264	155,235	396,286	622,479
Humboldt		0	0	1	1	43	509	611	707	21,857	26,241	30,354
Humboldt		0	1	0	0	38,410	65	164	264	2,506,949	6,299,939	10,129,808
Humboldt		0	1	0	1	848	509	607	707	431,396	515,136	599,691
Humboldt	Grassland	0	1	1	0	332	24,435	29,814	50,947	8,124,135	9,912,442	16,938,972
Humboldt		0	1	1	1	16	4,406	19,799	50,947	69,576	312,632	804,460
Humboldt		1	0	0	0	2,734	66	168	264	179,837	459,092	721,132
Humboldt		1	0	1	0	56	66	168	264	3,671	9,372	14,722
Humboldt		1	1	0	0	5.792	65	164	264	378.011	949.939	1,527.427
Humboldt		1	1	0	1	0	509	607	707	226	270	315
Humboldt		1	1	1	0	23	24.435	29.814	50.947	554.289	676.300	1,155.702
Humboldt		0	0	1	0	484	100	6.735	13.369	48.385	3.260.551	6.472.718
Humboldt		0	0	1	1	17	100	6 735	13 369	1 777	82 375	163 528
Humboldt		n N	1	1	, N	2 530	100	6 7 3 5	13 369	252 816	17,036,643	33,820 470
Humboldt	Lake	n N	1	1	1	.34	100	6 735	13 369	3 423	230,650	457 877
Humboldt		1	n i	1	n N	10	100	6 7 3 5	13 369	1 በ22	68 895	136 768
Humboldt		1	1	1	n N	22	100	6 735	13 369	2 745	151 270	300,796

		ure										
		cult	stal	ırian	E		Minimum	Average	Hiah	Minimum(¢/	Avorago(¢/	
County	Land Cover	Agri	Coas	Ripa	Urba	Acres	(\$/acre/vear)	(\$/acre/vear)	(\$/acre/vear)	vear)	vear)	High(\$/vear)
Humboldt	M. S.	0	1	0	0	169	5,327	5,342	5,358	898,007	900,585	903,163
Humboldt	Marine	0	1	1	0	5	5,327	5,342	5,358	24,879	24,950	25,022
Humboldt		0	0	0	0	71	1,414	2,484	3,674	100,662	176,769	261,482
Humboldt		0	0	0	1	36	1,659	3,983	7,487	60,511	145,286	273,067
Humboldt	Mixed Forest	0	0	1	0	2	1,414	2,484	3,674	2,831	4,972	7,354
Humboldt		0	0	1	1	0	1,659	3,983	7,487	738	1,772	3,330
Humboldt		1	0	0	0	20	1,415	2,485	3,675	28,011	49,178	72,739
Humboldt		1	0	0	0	8,142	218	253	289	1,778,204	2,063,965	2,349,726
Humboldt		1	0	0	1	34	218	253	289	7,431	8,625	9,819
Humboldt		1	0	1	0	463	1,823	1,858	1,893	844,568	860,826	877,084
Humboldt	Pasture	1	0	1	1	3	1,823	1,858	1,893	4,865	4,959	5,053
Humboldt		1	1	0	0	25,436	218	253	289	5,555,068	6,447,778	7,340,488
Humboldt		1	1	U		2,827	218	253	289	617,456	716,683	815,909
Humboldt				1	U	1,268	1,823	1,858	1,893	2,312,324	2,356,837	2,401,349
Humboldt				1		16	1,823	1,858	1,893	30,004	30,581	31,159
Humboldt				1	1	16	865	12,506	40,284	13,845	200,249	645,043
HUMDOLOT		0	1	1	0	102	0/5	12,500	40,284	192	Z,/81	8,959
HUMDOLOT	Reservoir	0		1	U 1	182	0/5	12,500	40,284	157,084	2,280,013	/,340,324
Humboldt		1	1	1	1 0	JU 0	000	12,000	40,284	20,070	309,904	1,171,000
Humboldt		1	1	1	1	15 676	000 845	12,000	40,204	13 557 / 23	104,070,028	JZZ,JZZ
Humboldt		0		1	1	10,070	000 5	12,000	40,204	10,004,400 54 040	170,040,730	68 528
Humboldt		0	0	1	1	53	 Б	6	0	264	02,270	323
Humboldt		0	1	1	0	2 968	5	6	6	1/ 857	16 508	18 150
Humboldt	River	0	1	1	1	2,700	ე ნ	6	6	14,037	20	22
Humboldt		1		1	n I	618	5	6	6	3 093	3 437	3 780
Humboldt		1	1	1	0	1 563	5	6	6	7 874	8 693	9.562
Humboldt		n N	n i	n N	n N	8	3 840	18 823	37 355	32 450	159 074	315 691
Humboldt		0	0	1	0 0	1	3 840	18 823	37 355	2 562	12 558	24 923
Humboldt		0	1	0	0	1.878	3.865	18,942	37.577	7.256.391	35.566.768	70.557.899
Humboldt	Saline	0	1	0	1	140	3.865	18.942	37.577	540.598	2.649.710	5.256.534
Humboldt	Herbaceous	0	1	1	0	176	3,865	18,942	37,577	681,549	3,340,572	6,627,077
Humboldt	Wellanu	0	1	1	1	3	3,865	18,942	37,577	11,173	54,763	108,641
Humboldt		1	1	0	0	8	3,865	18,942	37,577	29,222	143,228	284,137
Humboldt		1	1	1	0	8	3,865	18,942	37,577	29,222	143,228	284,137
Humboldt		0	0	0	0	35,552	146	146	146	5,195,490	5,195,490	5,195,490
Humboldt		0	0	0	1	15	146	146	146	2,178	2,178	2,178
Humboldt		0	0	1	0	732	224	413	767	163,749	302,261	561,357
Humboldt		0	1	0	0	7,087	146	146	146	1,035,627	1,035,627	1,035,627
Humboldt	Shruhland	0	1	0	1	57	146	146	146	8,288	8,288	8,288
Humboldt	Siliublallu	0	1	1	0	130	224	413	767	29,090	53,697	99,725
Humboldt		0	1	1	1	11	224	413	767	2,536	4,681	8,694
Humboldt		1	0	0	0	316	146	146	146	46,216	46,216	46,216
Humboldt		1	0	1	0	2	18,411	18,600	18,954	32,756	33,092	33,722
Humboldt		1	1	0	0	157	146	146	146	22,978	22,978	22,978
Humboldt Total	0	0	0	0	0	2,269,653	4 500	0.700	/ 000	3,377,631,647	5,804,657,299	9,574,224,296
Lake	Coniferous			U	U	114,590	1,503	2,628	4,339	172,261,608	301,114,712	497,195,660
Lake	FOREST	U			U	3,481	1,503	2,628	4,339	5,232,500	9,146,453	15,102,472
Lake	Deciduous			U	U	20,323	1,481	2,625	4,190	30,095,046	53,349,953	85,161,114
Lake	FOIEST	U	U		U	846	1,481	2,625	4,190	1,253,082	2,221,358	3,545,895
Lake	Fresn Herbaceous Wetland	0	0	0	0	7	240	10,649	24,395	1,600	71,049	162,758

		ture	_	_								
		ricul	astal	aria	Jan		Minimum	Average	High	Minimum(\$/	Average(\$/	
County	Land Cover	Ag	ػ	Rip	Urt	Acres	(\$/acre/year)	(\$/acre/year)	(\$/acre/year)	year)	year)	High(\$/year)
Lake	Grassland	0	0	0	0	5,249	66	168	264	345,237	881,329	1,384,374
Lake	ordootana	0	0	1	0	198	66	168	264	13,033	33,270	52,259
Lake	Lake	0	0	1	0	14	100	6,735	13,369	1,445	97,352	193,260
Lake	Reservoir	0	0	1	0	2,233	865	12,506	40,284	1,930,860	27,926,384	89,956,636
Lake	River	0	0	1	0	119	5	6	6	597	663	729
Lake	Shrubland	0	0	U	0	40,573	146	146	146	5,929,318	5,929,318	5,929,318
Lake		U	U	1	U	609	224	413	767	136,151	251,318	466,746
Lake Total		0	1	0	0	188,243	100./0/	100 / 0/	100 /0/	217,200,476	401,023,158	699,151,221
Marin	Beach	U	1	1	0	U	122,626	122,626	122,626	27,271	27,271	27,271
Marin		1			0	U 70	122,020	122,626	122,020	2/,2/1	27,271	Z/,Z/1
Marin	_	1		U 1	U	/8	1/5	300	557	13,585	28,451	43,318
Marin	Cropland	1	U 1	 	U 0	00	1/0	300	507	2 112 02/	24,U02 4 E10 E / 0	30,034
Marin	-	1	1	U 1	0	17,037	173	300	507	J, I I Z, 7Z4	0,017,040	7,720,171
Marin		1 0		1 0	0	290	1/0	2 4 2 5	/ 100	01,000	100,033	104,403
Marin	Desiduaus	U 1		0	0	/01	1,401	2,020	4,170	712 010	2,717	4,000
Marin	_ Declauous Forest	1	1	0	0	401	1,402	2,020	4,171	1/ / 1/ / 07	1,201,737	2,014,172
Marin	101630	1	1	0 1	0	10	1,402	2,020	4,171	14,477	20,074	41,011 2,704
Marin		1 N	1	1 N	0	1	2/0	2,020	2/, 305	040	4,7,52	07 655
Marin	Fresh	0	1	1	0	2	18 025	20 20 20	<u> </u>	28.061	42,027	69 012
Marin	Herbaceous	1	1	1 N	0	16	2/0	10.665	2/, 305	20,001	45,757	300 610
Marin	Wetland	1	1	1	0	10	30 / 22	50 722	4,373	17 53/	22 561	20 235
Marin		0		1 N	0	1	57,422	168	264	88	22,301	352
Marin	1	0	1	0	0 N	7	65	166	204	464	1 167	1 877
Marin	-	n	1	1	n N	3	24 435	29 814	50 947	81 513	99.456	169 956
Marin	Grassland	1	n i	, U	n N	412	66	168	264	27 089	69 153	108 624
Marin		1	n N	1	0	2	66	168	264	102	261	411
Marin		1	1	N	0	2 743	65	164	264	179 005	449 837	723 302
Marin		1	1	1	0	59	24 435	29 814	50 947	1 434 630	1 750 425	2 991 230
Marin		0	1	1	Û	3	100	6.735	13.369	311	20.968	41.625
Marin	Lake	1	0	1	0	14	100	6.735	13.369	1.445	97.352	193.260
Marin		1	1	1	0	21	100	6.735	13.369	2.111	142.284	282.457
Marin		1	0	0	0	1	218	253	289	146	169	193
Marin	Pasture	1	1	0	0	44	218	253	289	9,714	11,275	12,836
Marin		1	1	1	0	2	1,823	1,858	1,893	3,244	3,306	3,369
Marin	Decembria	1	0	1	0	6	865	12,506	40,284	5,192	75,093	241,891
Marin	Reservoir	1	1	1	0	3	865	12,506	40,284	2,692	38,937	125,425
Marin	Divor	0	1	1	0	55	5	6	6	275	306	336
Marin	Rivei	1	1	1	0	111	5	6	6	558	620	682
Marin	0.1	0	1	0	0	9	3,865	18,942	37,577	36,097	176,928	350,993
Marin	Saline	0	1	1	0	8	3,865	18,942	37,577	30,081	147,440	292,494
Marin	Wetland	1	1	0	0	19	3,865	18,942	37,577	72,194	353,856	701,985
Marin	Wottand	1	1	1	0	4	3,865	18,942	37,577	14,611	71,614	142,068
Marin		0	1	0	0	22	146	146	146	3,153	3,153	3,153
Marin		0	1	1	0	0	224	413	767	50	92	170
Marin	Shrubland	1	0	0	0	20	146	146	146	2,860	2,860	2,860
Marin		1	1	0	0	246	146	146	146	35,913	35,913	35,913
Marin		1	1	1	0	3	18,411	18,600	18,954	53,228	53,775	54,798
Marin Total						22,608				6,020,436	11,912,108	19,356,586
Mendocino	- Bay/Estuary	0	1	0	0	6	13,042	13,091	13,140	75,411	75,695	75,980
Mendocino	Dayreotuary	1	1	1	0	1	13,042	13,091	13,140	11,602	11,645	11,689
Mendocino		0	1	0	0	176	122,626	122,626	122,626	21,571,749	21,571,749	21,571,749
Mendocino	Beach	0	1	1	0	12	122,626	122,626	122,626	1,499,932	1,499,932	1,499,932
Mendocino		1	1		0	3	122,626	122,626	122.626	381,801	381.801	381.801

County Land Cover 중 승 등 도 (\$/acre/vear) (\$/acre/vear) (\$/acre/vear) (\$/acre/vear) vear)	Ş/ High(\$/year)
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Inclusion 0 0 1	<u>5,072</u> <u>24,070,210</u> 52,776 <u>146,728,754</u>
Mendacino 0 0 1 0 00,017 1,000 2,020 4,007 00,000,077 00,00	
Include ind 0 0 1 <th1< th=""> <th1< th=""> <th1<< td=""><td>70 189 /87 380 162</td></th1<<></th1<></th1<>	70 189 /87 380 162
Inducting Image: State Sta	<u>407,300,102</u> <u>47,793</u> <u>319,705,615</u>
Mendacing Conjferous 0 1 0 2 1,22 1,62 1,62 10,610 00,62 1,70 17,44 Mendacing Conjferous 0 1 1 0 2 133 1 503 2 6/02 4 339 3 0 5 3 5 <t< td=""><td>42 005 8 820 631</td></t<>	42 005 8 820 631
Mendacing Forest 0 1 1 1 125 1 827 5 372 10 016 278 357 6	71 378 1 251 800
Mendocino 1 0 1	49 329 44 988 762
Mendocino 1 0 0 0 1 163 1,004 2,020 4,000 10,071,770 27,220 Mendocino 1 0 0 1 163 1,828 5,372 10,016 298,771 8	78 166 1 637 258
Indecend I 0 0 1 100 1,020 0,072 10,070 270,771 0 Mendacino 1 0 1 0 55 1504 2,628 4,340 83,287 1	45 556 240 313
Inducting I	4 779 8 910
Mendocino 1 0 1	49 752 2 228 447
Mendacing 1 1 0 0 1 1 500 7,200 <t< td=""><td>2 338 3 860</td></t<>	2 338 3 860
Mendacing 1 1 1 0 1	2,550 14 612 518
Inducting I 0 0 0 20/201 17.5 366 557 309 577 6	48 362 987 147
Mendacing 1 0 0 1 1 0 500	41 185 367 210
Mendocino Cropland 1 0	22 354 34 035
Mendacing 1 0 1 0 1 0 1 0 1 0 1 0 1 1 0 0 2 591 175 366 557 452 217 9	47 099 1 441 982
Mendacing 1 1 0 2,071 176 2000 207 402,217 7 Mendacing 1 1 1 0 41 175 366 557 7 181	15 038 22 896
Mendacing 1 1 1 0 4.1 17.6 000 000 000 0,01 1,01 Mendacing 0 0 0 538.870 1.481 2.625 4.190 797.964.951 1.414.5	64 796 2 258 032 247
Mendacino 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 530 14 540 624
Mendacino 0 0 1	8/ 807 66 221 097
Mendacino 0 0 1 0 10000 1,401 2,520 4,170 20,401,042 41,4 Mendacino 0 0 1 1 1802 1 805 3 953 6 529 3/1 132 7	47 169 1 234 225
Mendacing 0 0 1	18 247 20 142 173
Mendacing 0 1	39 765 230 873
Mendacing Deciduous 0 1 1 0 439 1 481 2 625 4 190 649 429 1 1	51 253 1 837 715
Mendacing Forest 0 1 1 1 1 1 805 3 953 6 529 1 204	2 637 4 356
Mendacing 1	14 279 192 353 951
Mendacino 1 0 1 5 727 1 805 3 953 6 530 10 339 730 72 6	40 727 37 396 807
Mendacing 1 0 0 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1	19 037 2 903 382
Mendacing 1 0 1 0 0 0 1,00 2,000 4,177 1,000,047 1,00 1,000	77,007 2,700,002
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Inclusion Inclusion <thinclusion< th=""> <thinclusion< th=""> <thi< td=""><td><u>109 984</u></td></thi<></thinclusion<></thinclusion<>	<u>109 984</u>
Mendacing N	34 092 4 774 227
Hendecine Fresh 0 0 1 0 24 18,025 29,509 44,330 424,923 6	
Herbaceous Herbaceous Image: Comparison of the state	38 880 2 723 480
Mendocino Wetland 0 1 0 6 112 248 10,047 24,070 26,070 26,074 1,11	2,720,400
Mendacing 0 1 0 0 189 095 66 168 264 17 635 31 7	48 747 49 870 310
Mendacing 0 0 0 0 1 1647 509 611 707 838 500 100	
Mendocino 0 0 1 1 1 0 3 451 66 168 264 276 965 5	79 400 910 110
Inducting 0 0 1 0 0,401 00 100 204 220,700 0 Mendacing 0 0 1 1 77 509 611 707 39,411	47 315 54 732
Inducting 0 0 1 77 307 311 707 37,411 Mendacing 0 1 0 13538 65 166 266 883586 2.2	20 //0 3 570 293
Mendacino 0 1 0 1	78 202 789 522
Mendocino 0 1 0 1 1 0 317 24 435 20 814 50 9/7 7 738 304 0 4	41 684 16 13/ 513
Mendocino Grassland 0 1 1 1 3 4 406 19 709 50 9/7 1/, 400	16,104,010 160,104,010
Mendocino 0 1 1 0 23 030 66 168 264 1 51/ 653 3 8	6 073 638
Maddenio 1 0 0 20,000 00 100 204 1,014,000 0,0 Mendacino 1 0 1 451 500 611 707 720 784 7	75 868 319 111
	47 720 7/ 958
Mendacing 1 0 1 0 204 100 204 10,070 Mendacing 1 0 1 2 500 611 707 703	952 1 101
Mendacino 1 1 1 0 0 7 589 65 166 26 767 70	44 711 2 001 308
Mendocino 1 1 0 32 24,435 29,814 50,947 793,394 9	58.038 1.654.241

		ure										
		icult	stal	arian	an		Minimum	Average	High	Minimum(\$/	Averane(\$/	
County	Land Cover	Agr	Coa	Rip:	Urb	Acres	(\$/acre/year)	(\$/acre/year)	(\$/acre/year)	year)	year)	High(\$/year)
Mendocino		0	0	1	0	2,457	100	6,735	13,369	245,570	16,548,384	32,851,198
Mendocino		0	0	1	1	15	100	6,735	13,369	1,511	101,845	202,180
Mendocino		0	1	1	0	52	100	6,735	13,369	5,179	348,970	692,762
Mendocino	Lake	0	1	1	1	12	100	6,735	13,369	1,156	77,882	154,608
Mendocino		1	0	1	0	79	100	6,735	13,369	7,846	528,698	1,049,550
Mendocino		1	0	1	1	10	100	6,735	13,369	1,000	67,398	133,795
Mendocino		1	1	1	0	29	100	6,735	13,369	2,912	196,202	389,493
Mendocino		1	0	0	0	15,184	218	253	289	3,316,041	3,848,936	4,381,830
Mendocino		1	0	0	1	7,829	218	253	289	1,709,819	1,984,591	2,259,362
Mendocino	Posturo	1	0	1	0	685	1,823	1,858	1,893	1,249,215	1,273,262	1,297,310
Mendocino	Idoluie	1	0	1	1	153	1,823	1,858	1,893	279,766	285,151	290,537
Mendocino		1	1	0	0	1,070	218	253	289	233,714	271,272	308,830
Mendocino		1	1	1	0	15	1,823	1,858	1,893	27,977	28,515	29,054
Mendocino	_	0	0	1	0	259	865	12,506	40,284	224,219	3,242,920	10,446,115
Mendocino		0	0	1	1	24	865	12,506	40,284	20,384	294,811	949,647
Mendocino	Reservoir	0	1	1	0	2	865	12,506	40,284	1,923	27,812	89,589
Mendocino	IVESELAOII	0	1	1	1	0	865	12,506	40,284	385	5,562	17,918
Mendocino	_	1	0	1	0	136	865	12,506	40,284	117,878	1,704,897	5,491,825
Mendocino		1	0	1	1	36	865	12,506	40,284	31,537	456,123	1,469,265
Mendocino		0	0	1	0	2,613	5	6	6	13,083	14,537	15,991
Mendocino	_	0	0	1	1	13	5	6	6	63	71	78
Mendocino		0	1	1	0	499	5	6	6	2,496	2,774	3,051
Mendocino	River	0	1	1	1	65	5	6	6	326	362	399
Mendocino		1	0	1	0	55	5	6	6	275	306	336
Mendocino		1	0	1	1	16	5	6	6	82	92	101
Mendocino		1	1	1	0	18	5	6	6	90	100	110
Mendocino	Saline	0	0	0	1	19	3,840	18,823	37,355	71,732	351,637	697,843
Mendocino	Herbaceous	0	0	1	1	2	3,840	18,823	37,355	7,686	37,675	74,769
Mendocino	Wetland	0	1	0	0	2	3,865	18,942	37,577	9,454	46,338	91,927
Mendocino		0	0	0	0	119,133	146	146	146	17,409,941	17,409,941	17,409,941
Mendocino		0	0	0	1	183	146	146	146	26,748	26,748	26,748
Mendocino		0	0	1	0	2,042	224	413	767	456,538	842,714	1,565,084
Mendocino		0	0	1	1	0	224	413	767	99	184	341
Mendocino	Chrubland	0	1	0	0	3,665	146	146	146	535,607	535,607	535,607
Mendocino	SIII UDIAIIU	0	1	1	0	190	224	413	767	42,516	78,480	145,752
Mendocino		1	0	0	0	641	146	146	146	93,634	93,634	93,634
Mendocino		1	0	1	0	2	18,411	18,600	18,954	28,661	28,956	29,506
Mendocino		1	1	0	0	373	146	146	146	54,536	54,536	54,536
Mendocino		1	1	1	0	6	18,411	18,600	18,954	110,551	111,686	113,811
Mendocino Total						2,223,094				2,777,232,972	4,958,367,418	8,120,556,655
Modoc	0	0	0	0	0	246,382	1,503	2,628	4,339	370,383,486	647,433,389	1,069,031,364
Modoc	Coniferous	0	0	1	0	1,065	1,503	2,628	4,339	1,600,742	2,798,110	4,620,193
Modoc	FUIESL	1	0	0	0	16,447	1,504	2,628	4,340	24,735,800	43,229,484	71,372,067
Modoc		1	0	0	0	199	175	366	557	34,777	72,835	110,893
Modoc	Cropland	1	0	0	1	41,649	175	366	557	7,268,808	15,223,414	23,178,021
Modoc		1	0	1	0	102	175	366	557	17,854	37,393	56,932
Modoc	Deciduous	0	0	0	0	31	1,481	2,625	4,190	45,447	80,564	128,603
Modoc	Forest	0	0	1	0	2	1,481	2,625	4,190	3,293	5,838	9,319
Modoc	Fresh	0	0	0	0	3.735	240	10.649	24.395	895.771	39,775.375	91,117.216
Modoc	Herbaceous	0	0	1	0	333	18.025	29.509	44.330	6,005.044	9,830.994	14,768,490
Modoc	Wetland	1	0	0	0	352	240	10.465	24.395	84.484	3,686.632	8,593.609
Modoc		0	0	0	0	58.927	 66	168	264	3.875.586	9.893.675	15.540.791
Modoc	Grassland	0	0	1	0	699	66	168	264	45 943	117 284	184 227
Modoc		1	n n	, ()	0	16 568	66	168	264	1 089 700	2 781 807	4 369 608

		ture		_								
		Iricul	asta	paria	ban		Minimum	Average	High	Minimum(\$/	Average(\$/	
County	Land Cover	Åg	පී	R.	° Ur	Acres	(\$/acre/year)	(\$/acre/year)	(\$/acre/year)	year)	year)	High(\$/year)
Modoc	Lake	U	U		U	19,981	100	6,735	13,369	1,996,833	134,561,772	267,126,711
Modoc		1	U		0	2,020	100	6,735	13,369	201,897	13,605,351	27,008,805
Modoc	Pasture	1	0	U 1	0	5,658	218	253	289	1,235,544	1,434,078	1,032,003
Modoc		1	U		U	J4	1,823	1,858	1,893	62,035	63,229	64,423
Modoc		U	0	U 1	0	301,60Z	140	140	140	44,0/0,000	44,0/0,000	44,0/5,085
Modoc	Shrubland	U 1	0		U 0	0/4 22.007	1/4	413	/0/	195,425	<u>30U,/3U</u> / 0EE 102	007,947
Modoo		1	0	U 1	0	33,907	140	140	140	4,900,102	4,700,102	4,700,102
Modoo Total			U	1	U	0 750 575	10,411	10,000	10,704	14/,401	140,710	1 4/0 744 /05
Mouoc Totat		Λ	Ω	Ω	Ω	1 527 905	1 502	2 4 2 0	(220	400,700,700	/ 0/1 222 012	
Siskiyou		U N	0	0	1	1,007,070	1,000	Z,0Z0 5.272	4,337	2,311,700,777	4,041,222,013	0,072,777,327
Siskiyou		U N	0	U 1	1 0	52 750	1,02/	0,372	10,010	1,070,034 00 015 050	4,700,740	7,301,027
Siskiyou	Coniforaua	0	0	1	0 1	10	1,000	Z,020 5,372	4,337	22 100	0/ 375	233,235,004
Siskiyou	Forest	1	0	1 0	1 N	10	1,027	2,372	10,010	750 585 621	1 211 750 840	2 145 721 277
Siskiyou	TUICSC	1	0	0	1	477,030	1,004	Z,020 5,372	4,340	1, 005 88/	/1 /21 512	2,103,721,247
Siskiyou		1	0	0 1	1 N	7,712	1,020	2,372	10,010	10 739 626	10 767 377	20 08/ 044
Siskiyou		1	0	1	1	7,140	1,004	5 372	4,340	112 101	320 760	614,807
Siskiyou		1	0	1 N	1 N	5/, 689	1,020	3,572	557	0 5// 670	10 080 881	30 / 35 08/
Siskiyou		1	0	n	1	26 258	175	366	557	/ 582 716	0 507 803	16 612 890
Siskiyou	Cropland	1	0	1	<u>ו</u>	720,230	175	366	557	125 756	263 377	//// 997
Siskiyou		1	0	1	1	12	175	366	557	2 018	6 200,077	6 / 36
Siskiyou		n N	0	n I	n N	84 184	1 481	2 625	<u> </u>	124 661 081	220 988 623	352 758 275
Siskiyou		n N	0	n N	1	338	1 805	3 953	6 529	610 425	1 336 993	2 208 537
Siskiyou		n	0	1	n N	2 963	1,000	2 625	4 190	4 386 940	7 776 796	12 413 893
Siskiyou	Deciduous Forest	n	0 N	1	1	39	1 805	3 953	6 529	69 832	152 950	252 653
Siskiyou		1	0	N	0	56 449	1,000	2 626	4 191	83 630 788	148 222 040	236 578 564
Siskiyou		1	0	0	1	2.152	1,805	3,953	6.530	3,884,840	8,506,977	14.051.394
Siskiyou		1	0	1	0	893	1,482	2.626	4,191	1.322.886	2.344.602	3.742.240
Siskiyou		1	0	1	1	20	1 805	3 953	6 530	36 536	80 006	132 149
Siskivou		0	0	0	0	3.973	240	10.649	24.395	952.734	42.304.706	96.911.392
Siskivou		0	0	0	1	33	240	11.905	27.863	7.947	394,486	923.289
Siskivou		0	0	1	0	541	18.025	29.509	44.330	9.757.194	15.973.724	23.996.332
Siskiyou	Fresh	0	0	1	1	7	18,025	30,765	47,798	120,261	205,260	318,904
Siskiyou	Herbaceous	1	0	0	0	34,405	240	10,465	24,395	8,251,176	360,058,718	839,303,757
Siskiyou	vveitanu	1	0	0	1	173	240	11,721	27,863	41,602	2,033,217	4,833,327
Siskiyou		1	0	1	0	731	39,422	50,722	65,727	28,800,325	37,056,091	48,017,896
Siskiyou		1	0	1	1	29	39,422	51,978	69,195	1,157,273	1,525,876	2,031,300
Siskiyou		0	0	0	0	52,071	66	168	264	3,424,670	8,742,567	13,732,652
Siskiyou		0	0	0	1	762	509	611	707	387,880	465,672	538,668
Siskiyou		0	0	1	0	1,339	66	168	264	88,068	224,822	353,146
Siskiyou	Creasland	0	0	1	1	22	509	611	707	11,325	13,596	15,728
Siskiyou	Grassland	1	0	0	0	173,202	66	168	264	11,391,457	29,080,340	45,678,829
Siskiyou		1	0	0	1	10,053	509	611	707	5,119,450	6,146,184	7,109,628
Siskiyou		1	0	1	0	2,473	66	168	264	162,621	415,143	652,098
Siskiyou		1	0	1	1	73	509	611	707	36,919	44,324	51,272
Siskiyou		0	0	1	0	5,441	100	6,735	13,369	543,793	36,644,883	72,745,973
Siskiyou	Lako	O	0	1	1	43	100	6,735	13,369	4,267	287,564	570,860
Siskiyou	Lake	1	0	1	0	22,184	100	6,735	13,369	2,216,977	149,396,756	296,576,535
Siskiyou		1	0	1	1	1,521	100	6,735	13,369	152,045	10,245,949	20,339,854
Siskiyou	Mixed Forest	1	0	0	0	1	1,415	2,485	3,675	1,574	2,763	4,086
Siskiyou		1	0	0	0	102,581	218	253	289	22,402,792	26,002,964	29,603,135
Siskiyou	Pasture	1	0	0	1	19,981	218	253	289	4,363,624	5,064,867	5,766,109
Siskiyou		1	0	1	0	2,417	1,823	1,858	1,893	4,405,701	4,490,512	4,575,322
Siskivou		1]		1	1	107	1.823	1.858	1.893	194,214	197,953	201.691

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		cult	stal	rian	E		Minimum	Average	High	Minimum(¢/	Average(\$/	
County	Land Cover	Agri	Coas	Ripa	Urba	Acres	(\$/acre/vear)	(\$/acre/vear)	(\$/acre/vear)	vear)	vear)	High(\$/vear)
Siskivou		0	0	1	0	11	865	12.506	40.284	9.230	133,499	430.029
Siskivou	. .	0	0	1	1	10	865	12.506	40.284	9.038	130.718	421.070
Siskiyou	Reservoir	1	0	1	0	190	865	12,506	40,284	164,607	2,380,737	7,668,846
Siskiyou		1	0	1	1	47	865	12,506	40,284	40,383	584,059	1,881,376
Siskiyou	D.	0	0	1	0	3,696	5	6	6	18,506	20,562	22,618
Siskiyou	River	1	0	1	0	620	5	6	6	3,103	3,448	3,793
Siskiyou		0	0	0	0	300,266	146	146	146	43,880,390	43,880,390	43,880,390
Siskiyou		0	0	0	1	1,082	146	146	146	158,082	158,082	158,082
Siskiyou		0	0	1	0	3,591	224	413	767	802,833	1,481,932	2,752,236
Siskiyou	Chaubland	0	0	1	1	14	224	413	767	3,033	5,599	10,399
Siskiyou	Shrubland	1	0	0	0	163,267	146	146	146	23,859,656	23,859,656	23,859,656
Siskiyou		1	0	0	1	11,627	146	146	146	1,699,221	1,699,221	1,699,221
Siskiyou		1	0	1	0	492	18,411	18,600	18,954	9,061,049	9,154,133	9,328,254
Siskiyou		1	0	1	1	31	18,411	18,600	18,954	569,130	574,977	585,914
Siskiyou Total						3,254,393				3,587,109,968	6,800,209,223	11,465,244,982
Sonoma		0	1	0	0	12	13,042	13,091	13,140	156,622	157,213	157,804
Sonoma	Bay/Estuary	0	1	0	1	804	13,042	13,091	13,140	10,479,160	10,518,702	10,558,244
Sonoma		0	1	1	1	0	13,042	13,091	13,140	2,900	2,911	2,922
Sonoma		0	1	0	0	96	122,626	122,626	122,626	11,754,013	11,754,013	11,754,013
Sonoma	Papah	0	1	0	1	4	6,398	543,121	2,123,622	28,456	2,415,747	9,445,650
Sonoma	Deach	0	1	1	0	1	122,626	122,626	122,626	109,086	109,086	109,086
Sonoma		1	1	0	0	8	122,626	122,626	122,626	1,009,045	1,009,045	1,009,045
Sonoma		0	0	0	0	162,066	1,503	2,628	4,339	243,632,356	425,871,368	703,191,800
Sonoma		0	0	0	1	10,884	1,827	5,372	10,016	19,886,197	58,466,034	109,011,255
Sonoma		0	0	1	0	6,997	1,503	2,628	4,339	10,518,491	18,386,410	30,359,337
Sonoma	_	0	0	1	1	156	1,827	5,372	10,016	285,244	838,625	1,563,636
Sonoma		0	1	0	0	15,647	1,503	2,628	4,339	23,521,676	41,116,084	67,890,201
Sonoma		0	1	0	1	121	1,827	5,372	10,016	220,231	647,486	1,207,252
Sonoma	Coniferous	0	1	1	0	541	1,503	2,628	4,339	813,075	1,421,262	2,346,765
Sonoma	Forest	1	0	0	0	14,493	1,504	2,628	4,340	21,798,357	38,095,866	62,896,441
Sonoma		1	0	0	1	2,095	1,828	5,372	10,016	3,829,957	11,257,252	20,988,092
Sonoma		1	0	1	0	164	1,504	2,628	4,340	247,184	431,991	713,219
Sonoma		1	0	1	1	14	1,828	5,372	10,016	25,202	74,077	138,109
Sonoma		1	1	0	0	3,282	1,504	2,628	4,340	4,936,657	8,627,542	14,244,109
Sonoma		1	1	0	1	8,349	1,828	5,372	10,016	15,260,481	44,854,568	83,627,145
Sonoma		1	1	1	0	8	1,504	2,628	4,340	12,710	22,213	36,674
Sonoma			U	0	U	34,066	175	366	557	5,945,382	12,451,700	18,958,018
Sonoma			U	U	1	36,357	175	366	557	6,345,162	13,288,978	20,232,794
Sonoma			U	1	U	905	175	366	557	158,010	330,928	503,846
Sonoma	Cropland	1	1	1	1	343	175	366	557	59,928	125,510	191,093
Sonoma				U	U	991	175	366	557	172,953	362,224	551,495
Sonoma			1	1		99	1/5	366	557	1/,311	36,255	55,199
Sonoma					0	31	1/5	366	557	5,395	11,299	17,203
Sonoma		0	U	0	1	1/0,034	1,481	2,625	4,190	251,/88,806	446,349,907	/12,496,511
Sonoma		0	U	1		10,862	1,805	3,953	6,529	19,600,627	42,930,575	70,915,671
Sonoma			U	1	U 1	7,360	1,48	2,625	4,190	10,899,344	17,321,435	30,842,294
Sonoma			U 1	 	l n	407	1,805	3,953	6,529	/ 33,034	I,000,853	2,004,310
Sonoma	Deciduous		1	U 1	U	1,837	1,481	2,625	4,190	2,/19,567	4,821,018	/,075,663
SUNOMA	Forest			1	U	90	1,481	2,625	4,190	133,3/7	230,439	3//,421
Sonomo			U	U	U 1	43,064	1,482	2,626	4,191	03,800,346	113,0/5,/89	120 751 007
Sonoma		1	U	U 1	l n	18,492	1,805	3,953	6,530	JJ,JV4,4V8	/ 3,104,967	120,701,084
Sonoma			U	1	U	882	1,482	2,626	4,191	1,307,071	2,316,572	3,677,501
SUNOMA			U	1	1	239	1,805	3,953	6,530	431,604	945,122	1,561,105
1 201101119				U	U	481	1.482	2.626	4.191	/12.349	1.262.523	2.015.124

		ture		_								
		ricult	astal	ariaı	an		Minimum	Average	High	Minimum(\$/	Average(\$/	
County	Land Cover	Agi	Co	Rip	Urb	Acres	(\$/acre/year)	(\$/acre/year)	(\$/acre/year)	year)	year)	High(\$/year)
Sonoma		0	0	0	0	7	240	10,649	24,395	1,600	71,049	162,758
Sonoma		0	0	0	1	9	240	11,905	27,863	2,240	111,197	260,256
Sonoma		0	0	1	1	1	18,025	30,765	47,798	24,052	41,052	63,781
Sonoma	Frach	0	1	0	0	31	240	10,649	24,395	7,360	326,824	748,686
Sonoma	Herbaceous	0	1	0	1	2	240	11,905	27,863	480	23,828	55,769
Sonoma	Wetland	0	1	1	0	3	18,025	29,509	44,330	56,122	91,878	138,023
Sonoma		1	U	U	U	116	240	10,465	24,395	27,788	1,212,585	2,826,560
Sonoma		1	0	U	1	19	240	11,721	27,863	4,480	218,962	520,512
Sonoma		1	U	1	U	14	39,422	50,722	65,727	552,335	710,665	920,891
Sonoma		0	U			IZ	39,422	51,978	69,195	4/3,430	624,222	830,986
Sonoma		U	U	U	1	56,114	66	168	264	3,690,615	9,421,477	14,799,072
Sonoma		U	U	1		6,8/6	509	611	///	3,501,566	4,203,824	4,862,794
Sonoma		U	U	1	1	966	60	168	204	63,539	162,204	254,786
Sonoma		U	1		1	15 000	509	011	/ሀ/		/ 9,4UZ	91,849
Soliolila		0	1	0	U 1	10,093	00 E00	104	204	900,091	2,4/0,020	3,780,447
Sonoma		0	1	U 1	1	400	2/ /25	00/	/U/ E0.0/7	203,049	Z43,180	283,095
Sonomo	Craceland	0	1	1	1	1/9	24,430	27,014	50.0/7	4,3/4,334	0,007,407	7,120,700
Sonomo	GIASSIAIIU	1	1		 	2E 200	4,400	17,777	24/	700	4,403	11,330
Sonomo		1	0	0	U 1	20,000	00 500	411	204	1,004,471	4,247,140	0,0/4,4/4
Sonomo		1	0	U 1	1 0	22,074	507	140	707	11,000,001	13,770,113	10,170,072
Sonomo		1	0	1	1	230	500	411	204	10,110	54 200	45 112
Sonoma		1	1	1 0	1 0	/ / 15	507	164	707	201 225	754 075	1 217 154
Sonoma		1	1	0 0	<u> </u>	4,010	500	607	204	0 128 220	10 000 137	12 17,130
Sonoma		1	1	1	n N	17,743	26.635	20 81/	50 0/7	1 016 106	1 230 88/	2 118 788
Sonoma		0	0	1	0	3 102	24,433	6 7 3 5	13 360	310 003	21 / 96 87/	/2,110,700
Sonoma		0	0	1	1	1/0	100	6 7 3 5	13 369	13 958	9/11 572	1 867 187
Sonoma		n N	1	1	n N	39	100	6 735	13 369	3 934	265 098	526 261
Sonoma	Lake	0 N	1	1	1	8	100	6 735	13 369	845	56 914	112 983
Sonoma	Euno	1	n N	1	n N	551	100	6 735	13 369	55 030	3 708 372	7 361 713
Sonoma		1	0	1	1	54	100	6 735	13 369	5 356	360 952	716 548
Sonoma		1	1	1	0	3	100	6 7 3 5	13 369	311	20 968	41 625
Sonoma		0	0	0	0	0	1.414	2,484	3,674	315	552	817
Sonoma		Û	0	0	1	62	1.659	3.983	7.487	102.942	247.164	464.547
Sonoma	Mixed Forest	0	0	1	1	20	1,659	3,983	7,487	33,945	81,502	153,184
Sonoma		1	0	0	1	127	1,660	3,984	7,488	210,772	505,937	950,831
Sonoma		1	0	1	1	4	1,660	3,984	7,488	6,275	15,063	28,308
Sonoma		1	0	0	0	24,515	218	253	289	5,353,895	6,214,276	7,074,658
Sonoma		1	0	0	1	17,173	218	253	289	3,750,442	4,353,145	4,955,848
Sonoma	D	1	0	1	0	527	1,823	1,858	1,893	961,340	979,846	998,352
Sonoma	Pasture	1	0	1	1	175	1,823	1,858	1,893	319,501	325,651	331,801
Sonoma		1	1	0	0	903	218	253	289	197,141	228,822	260,503
Sonoma		1	1	1	0	22	1,823	1,858	1,893	39,329	40,086	40,844
Sonoma		0	0	1	0	559	865	12,506	40,284	483,629	6,994,807	22,531,714
Sonoma		0	0	1	1	196	865	12,506	40,284	169,222	2,447,487	7,883,860
Sonoma	Reservoir	0	1	1	0	29	865	12,506	40,284	25,191	364,342	1,173,620
Sonoma		1	0	1	0	346	865	12,506	40,284	299,407	4,330,383	13,949,057
Sonoma		1	0	1	1	230	865	12,506	40,284	199,028	2,878,579	9,272,495
Sonoma		0	0	1	0	898	5	6	6	4,495	4,994	5,494
Sonoma		0	0	1	1	541	5	6	6	2,710	3,011	3,312
Sonoma	Divor	0	1	1	0	408	5	6	6	2,041	2,268	2,494
Sonoma	IVIAGI	1	0	1	0	412	5	6	6	2,061	2,290	2,519
Sonoma		1	0	1	1	233	5	6	6	1,165	1,294	1,423
Sonoma		1	1	1	n	277	5	6	6	1 387	1 541	1 696

County Land Cover Ref Bis Minimum (Sacre/year) Average (Sacre/year) High (Sacre/year) Minimum(S) (sacre/year) Average(S) (sacre/year) Average(S) (sa			lture		Ē								
County Land Cover R 2 B 2 Acres (S/acre/year) (S/acre/year) (s/acre/year) year) year) High[S/year] Sonoma Sonoma 0 0 1 0 0 2 3.840 18.823 37.355 9.393 46.048 91.384 Sonoma Saline 0 1 0 0 1.840 38.03 37.355 854 4.186 8.308 Sonoma Saline 0 1 0 1.63.865 18.942 37.577 52.987 2.578.096 5.114.466 Sonoma 0 1 1 0 7 3.865 18.942 37.577 25.784 46.338 91.927 Sonoma 0 1 1 0 7 3.865 18.942 37.577 54.146 6.68.511 66.511 66.511 66.511 66.511 66.511 66.511 66.511 66.511 66.511 66.511 66.511 66.511 66.511 66.511			ricul	asta	paria	ban		Minimum	Average	High	Minimum(\$/	Average(\$/	
Sonoma 0 0 0 2 3,840 18,823 37,355 9,393 44,048 91,384 Sonoma Saline 0 0 1 0 0 3,840 18,823 37,355 854 4,186 8,308 Sonoma Saline 0 1 0 0 16 3,865 18,942 37,577 61,881 303,305 601,702 Sonoma Wetland 0 1 0 7 3,865 18,942 37,577 52,987 2,578,096 5,114,466 Sonoma 0 1 1 0 7 3,865 18,942 37,577 9,454 46,338 91,927 Sonoma 0 0 0 14 3,865 18,942 37,577 54,146 265,392 566,437 Sonoma 0 0 0 1 4,667,378 4,667,378 4,667,378 4,667,378 4,667,378 4,667,378 4,667,378 4,667,378	County	Land Cover	Å	පි	E	Ur	Acres	(\$/acre/year)	(\$/acre/year)	(\$/acre/year)	year)	year)	High(\$/year)
Sonoma Saline 0 0 0 0 3,840 18,823 37,355 884 4,186 8,308 Sonoma Herbaceous 0 1 0 0 16 3,865 18,942 37,577 61,881 303,305 601,702 Sonoma Wetland 0 1 0 0 1 0 7 3,865 18,942 37,577 52,587 2,578,096 5,114,466 Sonoma 0 1 1 0 7 3,865 18,942 37,577 25,784 46,6338 91,927 Sonoma 0 0 0 0 32,075 146 146 146 46,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 5,666 5,007 121,084 <td< td=""><td>Sonoma</td><td></td><td>0</td><td>0</td><td>0</td><td>0</td><td>2</td><td>3,840</td><td>18,823</td><td>37,355</td><td>9,393</td><td>46,048</td><td>91,384</td></td<>	Sonoma		0	0	0	0	2	3,840	18,823	37,355	9,393	46,048	91,384
Sonoma Saline U 1 0 0 16 3.865 18.942 37.577 61.881 303.305 6011/02 Sonoma Wetland 0 1 0 1 136 3.865 18.942 37.577 525.987 2.578.096 5.114.466 Sonoma Vetland 0 1 1 0 7 3.865 18.942 37.577 525.987 2.578.096 5.114.466 Sonoma 0 1 1 0 7 3.865 18.942 37.577 5.57.84 126.372 526.489 Sonoma 0 1 1 0 0 32.075 146 146 146 4.687.378 4.687.378 4.687.378 4.687.378 4.687.378 4.687.378 4.687.378 50.649 50.649 50.649 50.649 50.649 50.649 50.649 50.649 50.649 50.649 50.649 50.649 50.649 50.649 50.649 50.649 50.649	Sonoma		0	0	1	0	0	3,840	18,823	37,355	854	4,186	8,308
Sonoma Sonoma Herbaceous Wetland 0 1 0 1 136 3,865 18,942 37,577 525,987 2,578,096 5,114,466 Sonoma 0 1 1 0 7 3,865 18,942 37,577 25,784 126,377 256,797 25,784 126,377 256,789 2,578,096 5,114,466 Sonoma 0 1 1 0 0 14 3,865 18,942 37,577 9,454 46,338 91,927 Sonoma 0 0 0 14 3,865 18,942 37,577 54,146 265,392 526,489 Sonoma 0 0 0 14 469 146 146 146 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 5,666	Sonoma	Saline	0	1	0	0	16	3,865	18,942	37,577	61,881	303,305	601,702
Sonoma Wettand 0 1 1 0 7 3,865 18,942 37,577 25,784 126,377 250,709 Sonoma 0 1 1 0 0 14 3,865 18,942 37,577 9,454 46,338 91,927 Sonoma 0 0 0 14 3,865 18,942 37,577 9,454 46,338 91,927 Sonoma 0 0 0 14 3,865 18,942 37,577 9,454 46,6338 91,927 Sonoma 0 0 0 0 14 3,865 18,942 37,577 54,146 265,392 526,489 Sonoma 0 0 1 469 146 146 146 146 68,511 68,511 68,511 Sonoma 0 1 0 0 3,188 146 146 146 146 37,278 37,278 37,278 37,278 37,278 37	Sonoma	Herbaceous	0	1	0	1	136	3,865	18,942	37,577	525,987	2,578,096	5,114,466
Sonoma 0 1 1 1 2 3,865 18,942 37,577 9,454 46,338 91,927 Sonoma 1 1 0 0 14 3,865 18,942 37,577 9,454 46,338 91,927 Sonoma Sonoma 0 0 0 14 3,865 18,942 37,577 9,454 46,338 91,927 Sonoma Sonoma 0 0 0 14 3,865 18,942 37,577 9,454 46,338 91,927 Sonoma 0 0 0 14 469 146 146 146 46,687,378 4,687,378 4,687,378 4,687,378 4,687,378 4,687,378 56,604 415,094 15,094 15,094 15,094 15,094 15,094 15,094 15,094 15,094 15,094 15,094 15,094 15,094 15,094 16,927 465,927 465,927 465,927 465,927 465,927 465,927 465,927	Sonoma	Wetland	0	1	1	0	7	3,865	18,942	37,577	25,784	126,377	250,709
Sonoma 1 1 0 0 14 3,865 18,942 37,577 54,146 265,392 526,489 Sonoma Sonoma 0 0 0 32,075 146 146 146 4,687,378 5,668 5,527 4,65,927 4,65,927 4,65,927 4,65,927	Sonoma		0	1	1	1	2	3,865	18,942	37,577	9,454	46,338	91,927
Sonoma 0 0 0 32,075 146 146 146 4,687,378 4,687,378 4,687,378 Sonoma Sonoma 0 0 1 469 146 146 146 68,511 68,511 68,511 Sonoma Sonoma 0 0 1 0 542 224 413 767 121,084 223,506 415,094 Sonoma Sonoma 0 1 1 8 224 413 767 1,740 3,213 5,966 Sonoma 0 1 0 0 3,188 146 146 146 465,927 823,923 823,923	Sonoma		1	1	0	0	14	3,865	18,942	37,577	54,146	265,392	526,489
Sonoma 0 0 1 469 146 146 146 68,511 68,512 68,511 68,511 68,512 68,512 68,512 68,512 68,512 68,512 68,512 68,512 68,512 68,512 68,512 68,512 68,512 68,512 68,512 68,512 68,512 <td>Sonoma</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>32,075</td> <td>146</td> <td>146</td> <td>146</td> <td>4,687,378</td> <td>4,687,378</td> <td>4,687,378</td>	Sonoma		0	0	0	0	32,075	146	146	146	4,687,378	4,687,378	4,687,378
Sonoma 0 0 1 0 542 224 413 767 121,084 223,506 415,094 Sonoma 0 0 1 1 8 224 413 767 121,084 223,506 415,094 Sonoma 0 0 1 1 8 224 413 767 121,084 223,506 415,094 Sonoma 0 1 0 0 3,188 146 146 146 465,927	Sonoma		0	0	0	1	469	146	146	146	68,511	68,511	68,511
Sonoma 0 0 1 1 8 224 413 767 1,740 3,213 5,966 Sonoma 0 1 0 0 3,188 146 146 146 465,927 465,927 465,927 465,927 465,927 465,927 465,927 465,927 465,927 465,927 465,927 465,927 37,278	Sonoma		0	0	1	0	542	224	413	767	121,084	223,506	415,094
Sonoma 0 1 0 0 3,188 146 146 146 465,927 37,278	Sonoma		0	0	1	1	8	224	413	767	1,740	3,213	5,966
Sonoma 0 1 0 1 255 146 146 146 37,278	Sonoma		0	1	0	0	3,188	146	146	146	465,927	465,927	465,927
Sonoma Shrubland 0 1 1 0 119 224 413 767 26,604 49,107 91,201 Sonoma 1 0 0 0 1,528 146 146 146 223,278 223,272 227,621 36,868 31,688 31,688 31,688 31,688 31,688 36,868 552,192 350,035 56,500 6,500 6,500 6,500 <td< td=""><td>Sonoma</td><td></td><td>0</td><td>1</td><td>0</td><td>1</td><td>255</td><td>146</td><td>146</td><td>146</td><td>37,278</td><td>37,278</td><td>37,278</td></td<>	Sonoma		0	1	0	1	255	146	146	146	37,278	37,278	37,278
Sonoma 1 0 0 0 1,528 146 146 146 223,278 227,621 3368 31,688 31,688 31,688 31,686 31,681 31,681	Sonoma	Shrubland	0	1	1	0	119	224	413	767	26,604	49,107	91,201
Sonoma 1 0 0 1 217 146 146 146 31,688 552,192 Sonoma 1 0 1 1 12 18,411 18,600 18,954 221,101 223,372 227,621 Sonoma 1 1 1 12 18,411 18,600 18,954 221,101 223,372 227,621 Sonoma 1 1 1 0 0 44 146 146 6,500 6,500 6,500 Sonoma Total 1 1 0 0 1 18,411 18,600 18,954 16,378 16,546 16,861 Sonoma Total 1 1 1 0 0 1,584,329 1,503 2,628 4,339 </td <td>Sonoma</td> <td></td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>1,528</td> <td>146</td> <td>146</td> <td>146</td> <td>223,278</td> <td>223,278</td> <td>223,278</td>	Sonoma		1	0	0	0	1,528	146	146	146	223,278	223,278	223,278
Sonoma 1 0 1 0 29 18,411 18,600 18,954 536,375 541,885 552,192 Sonoma 1 0 1 1 12 18,411 18,600 18,954 536,375 541,885 552,192 Sonoma 1 0 1 1 12 18,411 18,600 18,954 221,101 223,372 227,621 Sonoma 1 1 0 0 44 146 146 6,500 6,501 1,532,073,171 2,521,099,413 <t< td=""><td>Sonoma</td><td></td><td>1</td><td>0</td><td>0</td><td>1</td><td>217</td><td>146</td><td>146</td><td>146</td><td>31,688</td><td>31,688</td><td>31,688</td></t<>	Sonoma		1	0	0	1	217	146	146	146	31,688	31,688	31,688
Sonoma 1 0 1 <td>Sonoma</td> <td></td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> <td>29</td> <td>18,411</td> <td>18,600</td> <td>18,954</td> <td>536,375</td> <td>541,885</td> <td>552,192</td>	Sonoma		1	0	1	0	29	18,411	18,600	18,954	536,375	541,885	552,192
Sonoma 1 1 0 0 44 146 146 6,500 <t< td=""><td>Sonoma</td><td></td><td>1</td><td>0</td><td>1</td><td>1</td><td>12</td><td>18,411</td><td>18,600</td><td>18,954</td><td>221,101</td><td>223,372</td><td>227,621</td></t<>	Sonoma		1	0	1	1	12	18,411	18,600	18,954	221,101	223,372	227,621
Sonoma 1 1 1 0 1 18,411 18,600 18,954 16,378 16,546 16,861 Sonoma Total 793,688 824,304,619 1,532,073,171 2,521,099,413 Trinity 0 0 0 1,584,329 1,503 2,628 4,339 2,381,703,767 4,163,237,831 6,874,269,839 Trinity 0 0 1 164 1,827 5,372 10,016 299,059 879,242 1,639,367	Sonoma		1	1	0	0	44	146	146	146	6,500	6,500	6,500
Sonoma Total 0 0 0 0 1,584,329 1,503 2,628 4,339 2,381,703,767 4,163,237,831 6,874,269,839 Trinity 0 0 1 164 1,827 5,372 10,016 299,059 879,242 1,639,367	Sonoma		1	1	1	0	1	18,411	18,600	18,954	16,378	16,546	16,861
Trinity 0 0 0 0 1,584,329 1,503 2,628 4,339 2,381,703,767 4,163,237,831 6,874,269,839 Trinity 0 0 1 164 1,827 5,372 10,016 299,059 879,242 1,639,367	Sonoma Total						793.688		,	,	824.304.619	1.532.073.171	2.521.099.413
Trinity 0 0 1 164 1,827 5,372 10,016 299,059 879,242 1,639,367	Trinity		0	0	0	0	1,584,329	1.503	2.628	4.339	2.381.703.767	4.163.237.831	6.874.269.839
	Trinity		n	n	n	1	164	1 827	5 372	10.016	299 059	879 242	1 639 367
LTrinity Conjference 0 0 0 1 0 1 0 55 8750 1 5030 2 6280 4 3390 83 996 8160 146 827 1270 242 438 538	Trinity	Coniferous	n	n N	1	n N	55 875	1,027	2 628	4 339	83 996 816	146 827 127	242 438 538
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Trinity	Forest	n	n	1	1	00,070	1,000	5 372	10 016	/06/	1 195	2 42,400,000
Trinity 1 0 1/1 0 1/1/2 0/0/2 10/0/1 400 1/1/7 2/2/2 Trinity 1 0 0 2/4 1.504 2/42 4/3/0 3/37.26/ 6/41.8/8 1.050.405	Trinity		1	0	n N	 	244	1,027	2 6 7 8	/ 3/0	367 266	6/18/8	1 050 605
Trinity 1 0 0 0 244 1,004 2,020 4,040 307,204 041,040 1,037,073	Trinity		1	0	1	0	12	1,504	2,020	4,340	17 728	30 082	51 151
Trinity 1 0 1 0 12 1,004 2,020 4,040 17,720 30,702 31,131 Trinity 1 0 0 1/2 1,704 2,020 4,040 17,720 30,702 31,131	Trinity		1	0	- -	0	/31	1,504	2,020	4,340	75 250	157.620	220 000
Trinity Cropland 1 0 0 0 401 175 300 307 73,237 137,020 237,700	Trinity	Cropland	1	0	1	0	431	175	244	507	70,207	0 201	2J7,700 12 42/
IIIIIIUy I U I U I U Z3 I/0 300 337 3,737 0,271 IZ,024 Trinity 0 0 0 1EE 011 1 (01 2 / 2E / 100 220 E / 1 E 70 / 0/ 011 001 / / 0 E / 2 / 70	Trinity		0	0	1	0	2J	1/0	300	/ 100	3,707 220 E/1 E70	0,271	12,024
IIIIIIIU U<	Trinity			0	0	U 1	100,011	1,401	2,020	4,190	227,041,070	400,911,901	047,042,070
IIIIIIUy U U U I 430 1,600 3,753 0,327 520,743 1,010,760 2,971,161 Triaite D L D L (11) 1 (01) 2 (90) L (10) 1 (01) 1 (01) 2 (90) 1 (01)	Trinity	D	0	U	1	1	400	I,8U3	3,953	0,329	020,743	1,010,700	2,771,101
Iffinity Deciduous U I U 4,614 1,481 2,625 4,190 6,832,179 12,111,509 19,333,280 Trivit Example 0 0 1 1 0 0.000	Trinity	Deciduous		U	1	0	4,614	1,481	2,625	4,190	6,832,179	12,111,509	19,333,280
Irinity Forest U U I 1 5 1,805 3,953 6,529 9,231 20,218 33,397 T :: :: 1 0 0 0 14/0 0 0.001	Trinity	Forest		U			5	1,805	3,953	6,529	9,231	20,218	33,397
I I U U U I,14/ I,482 Z,626 4,191 I,699,159 3,011,485 4,806,658	Trinity			U	U	U	1,147	1,482	2,626	4,191	1,699,159	3,011,485	4,806,658
Irinity 1 U 1 U 6 1,482 2,626 4,191 9,555 16,935 27,03U	Irinity		1	U	1	U	6	1,482	2,626	4,191	9,555	16,935	27,030
Trinity Fresh 0 0 0 0 1,990 240 10,649 24,395 477,194 21,189,061 48,539,787	Trinity	Fresh	0	0	0	0	1,990	240	10,649	24,395	477,194	21,189,061	48,539,787
Trinity Herbaceous Wetland 0 0 1 0 294 18,025 29,509 44,330 5,307,529 8,689,076 13,053,058	Trinity	Wetland	0	0	1	0	294	18,025	29,509	44,330	5,307,529	8,689,076	13,053,058
Trinity 0 0 0 0 56,601 66 168 264 3,722,619 9,503,176 14,927,403	Trinity		0	0	0	0	56,601	66	168	264	3,722,619	9,503,176	14,927,403
Trinity 0 0 1 5 509 611 707 2,605 3,127 3,617	Trinity		0	0	0	1	5	509	611	707	2,605	3,127	3,617
Trinity Grassland 0 0 1 0 1,443 66 168 264 94,928 242,335 380,654	Trinity	Grassland	0	0	1	0	1,443	66	168	264	94,928	242,335	380,654
Trinity 1 0 0 0 22 66 168 264 1,433 3,659 5,748	Trinity		1	0	0	0	22	66	168	264	1,433	3,659	5,748
Trinity 1 0 1 0 1 66 168 264 59 149 235	Trinity		1	0	1	0	1	66	168	264	59	149	235
Trinity 0 0 1 0 18,517 100 6,735 13,369 1,850,522 124,702,236 247,553,950	Trinity	1.1.	0	0	1	0	18,517	100	6,735	13,369	1,850,522	124,702,236	247,553,950
Trinity Lake 1 0 1 0 0 100 6,735 13,369 44 2,995 5,946	Trinity	Lake	1	0	1	0	0	100	6,735	13,369	44	2,995	5,946
Trinity 0 0 0 0 38 1.414 2.484 3.674 53.791 94.461 139.729	Trinity	MILLE	0	0	0	0	38	1,414	2,484	3.674	53,791	94,461	139,729
Trinity Mixed Forest 0 0 1 0 1 1,414 2,484 3,674 1,258 2,210 3,269	Trinity	MIXEd Forest	0	0	1	0	1	1,414	2,484	3,674	1,258	2,210	3,269
Trinity 1 0 0 0 153 218 253 289 33.318 38.673 44.077	Trinity	.	1	0	0	()	153	218	253	289	33,318	38.673	44.027
Pasture 1 0 0 100	Trinity	Pasture	1	n l	1	٦ ١	2	1 823	1 858	1 893	3 744	3 306	3 369
Trinity Reservoir 0 1 0 2 1,020 1,030 1,070 0,244 0,000 0,007	Trinity	Reservoir	n	n	1	n	2/	845	12 200	// 78/	<u>יין 15</u> 2 1152	302 302 302 302 302 402 402 402 402 402 402 402 402 402 4	0,007 085 //83
Trinity 0 0 1 0 24 000 12,000 40,204 21,100 00,700 700,400	Trinity	NUSCIVUII	n	n N	1	0 N	24	L 000	12,300	40,204 2	11 002	12 215	1/ 4/4
Trinity Divor 0 0 1 1 1 15 5 4 4 71 0/ 0/ 00	Trinity	Pivor	n n	U N	1	U 1	2,J74 1۲	ן ט ג	U L	U L	11,70J 74	10,010	14,040 00
Trinity 1 0 1 0 3 5 6 6 70 04 73	Trinity	1/1401	1	n N	1	n N	10	լ <u></u> հ	6	6	17	19	73 20

County	Land Cover	Agriculture	Coastal	Riparian	Urban	Acres	Minimum (\$/acre/year)	Average (\$/acre/year)	High (\$/acre/year)	Minimum(\$/ year)	Average(\$/ year)	High(\$/year)
Trinity		0	0	0	0	132,454	146	146	146	19,356,685	19,356,685	19,356,685
Trinity	Shrubland	0	0	0	1	5	146	146	146	715	715	715
Trinity		0	0	1	0	3,283	224	413	767	734,061	1,354,988	2,516,476
Trinity Total						2,019,564				2,737,055,936	4,921,173,175	8,143,982,547

Table 15. Total asset value of the North Coast

Discount Rate	Low Estimate	Average Estimate	High Estimate
3%	473,271,275,369	835,386,881,868	1,369,815,088,346
Declining Discount Rate	702,154,434,213	1,239,396,164,345	2,032,284,206,525

Table 16. Total asset value by WMA

		3%		Declining	Discount	Rate
WMA	Low	Average	High	Low	Average	High
Eel	92,800,723,319	161,992,819,780	264,266,001,534	137,680,951,218	240,335,686,189	392,070,160,278
Humboldt	40,202,831,324	69,958,546,606	119,317,742,605	59,645,699,521	103,791,855,257	177,022,114,823
Klamath	148,305,960,370	280,785,073,258	471,931,825,925	220,029,596,372	416,578,175,160	700,167,201,065
North Coast	81,773,944,267	146,156,047,625	241,003,673,425	121,321,408,162	216,839,944,168	357,557,719,565
Russian Bodega	30,048,441,032	55,631,986,577	90,872,168,173	44,580,449,332	82,536,693,208	134,819,709,435
Trinity	81,295,073,720	146,201,594,442	242,113,304,113	120,610,946,539	216,907,518,307	359,203,989,155

Table 17. Total asset value by county

		3%		Declining	Discount	Rate
County	Low	Average	High	Low	Average	High
Del Norte	29,743,519,216	53,714,520,781	89,201,553,950	44,128,061,417	79,691,903,801	132,341,153,804
Glenn	2,440,570,979	4,285,996,907	7,070,071,195	3,620,878,393	6,358,788,057	10,489,294,614
Humboldt	106,729,462,666	183,420,816,502	302,535,007,206	158,345,898,795	272,126,677,313	448,846,798,591
Lake	6,863,297,281	12,671,892,796	22,092,413,249	10,182,520,829	18,800,265,682	32,776,732,357
Marin	190,239,199	376,409,570	611,646,938	282,242,562	558,448,531	907,451,249
Mendocino	87,757,521,790	156,678,982,677	256,600,701,024	130,198,759,712	232,451,974,502	380,697,771,920
Modoc	14,818,519,510	30,782,761,119	52,099,216,075	21,985,042,667	45,669,900,841	77,295,406,440
Siskiyou	113,348,748,325	214,879,167,519	362,289,190,867	168,166,399,253	318,798,896,417	537,499,263,264
Sonoma	26,047,123,628	48,411,835,091	79,663,981,690	38,644,017,302	71,824,736,566	118,191,026,800
Trinity	86,487,971,439	155,503,685,325	257,340,933,581	128,315,230,212	230,708,280,578	381,795,995,284

(Footnotes)

1 Verpeet, K. 2001. Protecting Streams and Riparian Habitat—Sonoma County, California. Sonoma County Ecology Center.

2 Bolitzer, B. & Netusil, N.R. 2000. The impact of open spaces on property values in Portland, Oregon. Journal of Environmental Management 59: 185-193. Colby, B. & Wishart, S. 2002. Quantifying the influence of desert riparian areas on residential property values. Appraisal Journal 70(3): online. Available at: http://www.freepatentsonline.com/article/Appraisal-Journal/89943350.html.

3 NOAA. 2012. Definition of State's Coastal Zone. https://coast.noaa.gov/czm/media/StateCZBoundaries.pdf

4 Chaplin-Kramer, R., Tuxen-Bettman, K., & Kremen, C. 2011. Value of Wildland Habitat for Supplying Pollinations Services to Californian Agriculture. Rangelands 33(3): 33-41.

5 Adapted from Liu, S., Costanza, R., Farber, S., Troy, A. 2010. Valuing ecosystem services: Theory, practice, and the need for a transdisciplinary synthesis. Annals of the New York Academy of Sciences 1185: 54-78.

6 Adapted from Liu, S., Costanza, R., Farber, S., Troy, A. 2010. Valuing ecosystem services: Theory, practice, and the need for a transdisciplinary synthesis. Annals of the New York Academy of Sciences 1185: 54-78.