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# Wilderness Designation and Livestock Grazing: The Gila Example



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# Wilderness Designation and Livestock Grazing: The Gila Example

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## INTRODUCTION

The concept of a “wilderness” can stir conflicting emotions, from wonder at the tranquility and untrammelled beauty to the terror of a wild, untamed environment where Mother Nature acts via spectacular and uncontrolled events. There are many views between these two extremes, and each view is based on the individual’s intrinsic value system.

The potential impacts on local economies due to wilderness designation are equally uncertain. The Sonoran Institute in 2006 concluded “that protecting a portion of [Doña Ana County, NM’s] public lands as Wilderness (and a related National Conservation Area) is likely to have positive effects on future prosperity—and that the more public lands afforded these protections the better for the area economy” (p. 1). However, this contention is countered by Steed et al. (2011), who concluded that “Some Wilderness can have positive economic impacts but our findings indicate that this is not the general rule....

Wilderness negatively impacts local economic conditions....the Wilderness designation is significantly associated with lower per capita income, lower total payroll, and lower tax receipts in counties” (pp. 1, 3).

The uncertainty of economic impacts stretches from local economies down to individual ranch units’ profitability. Alternative viewpoints range from adverse impacts due to increased restrictions and high opportunity costs because of the wilderness designation to positive impacts due to enhanced property values and increased local tourism revenues. This paper examines the actual changes—due to wilderness designation—in livestock numbers on an animal unit month per acre (AUM/acre)<sup>2</sup> basis in the Gila Wilderness, the oldest wilderness area in the United States. Federal land ranchers are directly affected by wilderness designation and the accompanying regulations when a majority of their allotments comprise acres within the wilderness boundaries. Management

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<sup>2</sup> AUM = forage required to sustain a 1,000-pound cow with or without calf or equivalent for one month.

agencies, such as the U.S. Forest Service (USFS), can have much leeway in their interpretation and on-the-ground application of the Wilderness Act of 1964, which can result in sharply curtailed livestock numbers for the range livestock industry.

This analysis was designed to discover if the intent of the 1964 Wilderness Act and corresponding House Reports was met. Managing agencies were directed to facilitate livestock grazing in the wilderness if grazing was already taking place prior to the creation of the wilderness and if resource damage or degradation was not occurring. Improvements could be maintained in the same manner and degree as pre-wilderness. The Gila and Aldo Leopold Wilderness were the first administratively designated wilderness areas in the United States (1924) and provide the longest time series of authorized use data from which to make a valid long-run comparison. Eighteen wilderness allotments and their AUMs/acre of authorized use were compared to 95 allotments of the Gila National Forest. The comparison was made on an AUM/acre basis because of changing size of the forest and changing boundaries of the allotments and ranger districts.

## **WILDERNESS DEFINED**

The Wilderness Act of 1964 defines wilderness as follows: “A wilderness, in contrast with those areas where man and his own works dominate the landscape, is hereby recognized as an area where the earth and its community of life are untrammelled by man, where man himself is a visitor who does not remain. An area of wilderness is further defined to mean in this Act an area of undeveloped Federal land retaining its primeval character and influence, without permanent improvements or human habitation, which is protected and managed so as to preserve its natural conditions and

which (1) generally appears to have been affected primarily by the forces of nature, with the imprint of man’s work substantially unnoticeable; (2) has outstanding opportunities for solitude, or a primitive and unconfined type of recreation; (3) has at least five thousand acres of land or is of sufficient size as to make practicable its preservation and use in an unimpaired condition; and (4) may also contain ecological, geological, or other features of scientific, educational, scenic, or historical value” (Wilderness Act, 1964).

Eidsvik (1989) stated that “For the ‘developing’ world, we need to delete the last phrase of this definition, ‘where man himself is a visitor who does not remain’” (p. 58). As a result, the emphasis is then shifted to the phrase “where the earth and its community of life are untrammelled by man.” Eidsvik (1989) further stated that “Whether man remains or not is irrelevant as long as the time, space, and species’ relationships are retained” (p. 58). He proposed a new definition of wilderness as “an area where natural processes dominate and people may co-exist as long as their technology and their impacts do not endure” (p. 58).

The Wilderness Act of 1964 set aside 11 additional wilderness areas in the Southwest, including the Aldo Leopold Wilderness, which comprises 1.1 million acres with an additional 580,000 acres classified as primitive area (Baker et al., 1988). In 1989, the first session of the 101st Congress introduced Senate Joint Resolution 67 to commemorate the 25th anniversary of the Wilderness Act of 1964. The resolution specifically identified the Gila Wilderness with the following language: “Whereas in 1924 the Gila Wilderness in New Mexico was the first administratively designated wilderness in the nation, and became statutory wilderness in 1964” (S.J.Res. 67, 1989).



## **HISTORICAL BACKGROUND: GRAZING AND WILDERNESS**

New Mexico is home to the Gila Wilderness, the oldest wilderness in the country, which was established in the Gila National Forest (GNF). The GNF was established in 1907, and in 1924 it became the first National Forest to administratively designate wilderness status to a portion of its lands. In 1922, just prior to wilderness designation, the USDA (1922) described the Gila Forest as follows:

The principal industries of the Gila National Forest are mining and stock raising...The forest area (1,638,053 acres) can safely carry about 56,055 head of cattle and horses and 19,415 head of sheep and goats. This is approximately the number now grazed on the Forest by 172 permittees; and it may be continued indefinitely without danger to the forest growth and to watershed values from overgrazing. (p. 15)

Sound principles of range management, the result of many years of intensive study, are being put into effect on the National Forests. The carrying capacity of the different ranges is being closely approximated; although the ranges are fully utilized, they are not overgrazed. (p. 8)

A better distribution of stock is being secured through improved methods of salting, the development of watering places, and the construction of drift fences. Hitherto inaccessible country was opened up to grazing by the construction of stock trails and other improvements. (p. 8)

The conversion of sheep and goats to animal unit equivalents at a ratio of 5 sheep or goats equal to 1 cow would yield 59,938

Animal Units Yearlong (AUYs) for the GNF. The 1.6 million acres would constitute 2,560 sections (section = 640 acres), yielding an estimated long-run carrying capacity of 23 AUYs per section. This figure is high according to today's standards, but multi-species grazing would result in removal of fine fuels, brush, and tree seedlings that would prevent regularly occurring ground fires from "crowning" into the forest canopy.

### **Regulation**

According to earlier versions of federal regulations (Grazing of Livestock, 2011), grazing in wilderness areas ordinarily will be controlled "under the general regulations governing grazing of livestock on National Forests.... This includes the establishment of normal range allotments and allotment management plans (AMP). Furthermore, wilderness designation should not prevent the maintenance of existing fences or other livestock management improvements, nor the construction and maintenance of new fences or improvements which are consistent with the AMP and/or necessary for protection of the range."

The latest revision (July 1, 2012) to the Code of Federal Regulations (C.F.R.) related to Grazing of Livestock (36 C.F.R. 293.7) strengthened the language with the clause, "[grazing] shall be permitted to continue under the general regulations covering grazing of livestock on the National Forests and in accordance with special provisions covering grazing use in units of National Forest Wilderness which the Chief of the Forest Service may prescribe" (p. 453). The revision states further that the "Chief, Forest Service, may permit...the maintenance, reconstruction, or relocation of those livestock management improvements and structures which existed within a Wilderness when it was incorporated into the National Wilderness Preservation System. Additional improvements or structures may be built when necessary to protect wilderness value"

(pp. 453–454). This constitutes a major departure from the previous C.F.R. language, where additional improvements or structures that were consistent with the AMP and necessary for the protection of the range were allowed, to a C.F.R. that focuses primarily on the protection of wilderness values.

The general concept of balancing wilderness forage resources between livestock and wildlife is that livestock that existed prior to the date of wilderness designation would be allowed to remain in the same manner and degree as they had before the designation. If this concept were applied to the wilderness allotments, a comparison between wilderness and non-wilderness allotments would reveal roughly equivalent adjustments to livestock numbers. A simple examination of allotments that were composed of National Forest land outside the designated wilderness area would reveal a distinct number of animal unit months (AUMs) that could be directly compared to AUMs currently grazed within the Gila and Aldo Leopold Wilderness areas to ascertain if the numbers of AUMs were indeed still authorized within the wilderness. A comparison of this nature would be naïve because the potential decrease in wilderness AUMs might reflect an overall decrease for the entire Gila Forest or a decrease in livestock for the Southwest region (see Figure 1). A more appropriate comparison of the long-run trend of livestock numbers would be to compare the rate of change on an AUMs per acre (AUMs/acre) basis for the allotments within the wilderness to the rate of change for allotments on the Gila National Forest but outside the wilderness area.

McClaran (1991) examined 40 allotments on the Tonto and Coronado National Forests in Arizona for the time period of 1965 through 1984. He concluded that, “In general, permitted AUMs increased on wilderness allotments but remained the same for non-wilderness allotments” (p. 483). McClaran (1991) went on to indicate that there were no differences in

stocking between the Coronado and Tonto forests when they were analyzed separately. He identified that a change in stocking rate after wilderness designation would be an “unequivocal parameter of Forest Service behavior related to wilderness” (p. 483). However, the selected allotments were not entirely wilderness allotments; only 72% of the Tonto Forest AUMs and 21% of the Coronado Forest AUMs were derived from within the wilderness portion of the National Forest. McClaran (1991) rationalized that the increase in AUMs might have resulted from structural and vegetative improvements performed on the portion of the allotments outside the wilderness boundary rather than increased carrying capacity within the wilderness portion. He speculated that the larger ranches on the Tonto were more dependent on the forest for their AUMs, and therefore they may have a “greater incentive to improve areas of the allotment outside of the wilderness rather than abandoning the allotment permit” (p. 485). His analysis reflected a substitution of investment away from the risky wilderness AUMs toward the more stable National Forest and commensurate private property AUMs, thereby not being a true comparison between wilderness and non-wilderness AUMs.

### **Congressional Intent**

A statistically significant difference between the rates of decline of AUMs/acre on wilderness allotments versus non-wilderness allotments would lend credence to the speculation that the Gila National Forest has curtailed livestock usage on wilderness areas above and beyond the reductions allowed by law. The additional reductions in wilderness AUMs are inconsistent with the intent of Congress at the time of wilderness designation. Congress provided guidance and direction for applying Section 4(d)(4)(2) of the 1964 Wilderness Act in a series of reports, including 1977 House Report 95-620, 1978 House Report 95-1321, 1979 House Report

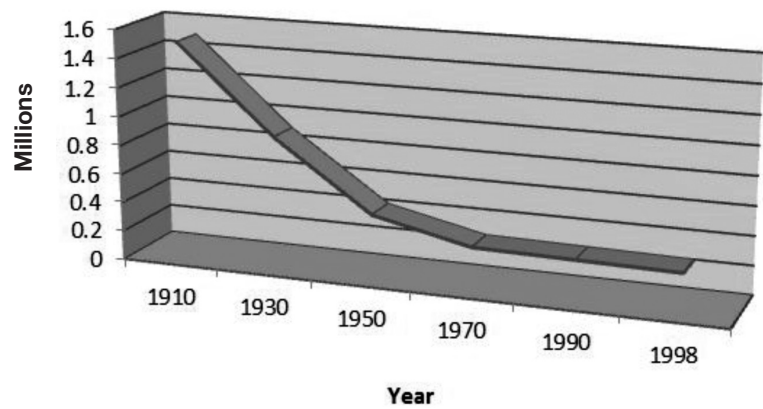
96-617, and 1980 House Report 96-1126. A decade later, in 1990, concurrent with the Arizona Desert Wilderness Act, the House reissued direction, guidance, and interpretation in House Report 101-405 Appendix A. The guidelines were exactly the same as the guidelines in Report No. 96-617, which accompanied House Report 5487. Subsequent wilderness legislation frequently cites “House Report 101-405 Appendix A – Grazing Guidelines.”

Five separate guidelines are listed in H.R. 101-405 Appendix A related to livestock numbers, maintenance of support facilities, replacement or reconstruction of deteriorated facilities and improvements primarily for purposes of resource protection, and use of motorized equipment for emergency purposes such as rescuing sick animals or placement of feed in emergencies. The first guideline of H.R. 101-405 Appendix A directs the agency to refrain from politically motivated grazing reductions. The language is as follows:

There shall be no curtailments of grazing in wilderness areas simply because an area is, or has been designated as wilderness, nor should wilderness designations be used as an excuse by administrators to slowly ‘phase out’ grazing.

The general rule of thumb on grazing management in wilderness should be that activities or facilities established prior to the date of an area’s designation as wilderness should be allowed to remain in place and may be replaced when necessary for the permittee to properly administer the grazing program.

The actual language of the Wilderness Act of 1964, Section 4(d)(4)(2) that the summary supports is “The grazing of livestock, where established prior to September 3, 1964, shall be permitted



**Figure 1. Trend in livestock numbers, Southwestern Region, 1910-1998.**

to continue subject to such reasonable regulations as are deemed necessary by the Secretary of Agriculture.”

House Report 101-405 Appendix A directed the agency to make number adjustments in wilderness based on ecological parameters, range condition, and resource protection. The exact language is as follows:

Any adjustments in the numbers of livestock permitted to graze in wilderness areas should be made as a result of revisions in the normal grazing and land management planning and policy setting process, giving consideration to legal mandates, range condition, and the protection of the range resource from deterioration.

Therefore it is possible, even probable, that AUM or head month (HM)<sup>3</sup> reductions will exist if range conditions within the wilderness are not stable according to results of traditional Parker 3-Step clusters, a monitoring method used by the Forest Service until the 1970s, and currently employed line-intercept techniques. At question here is not the change in AUMs but rather the rate and direction of the

<sup>3</sup>Per C.F.R. 36 Chapter 2 Sec. 222.50, “A head month is a month’s use and occupancy of range by one animal, except sheep or goats.”

change. In a report by Hess et al. (1985) on management in the Gila National Forest, it was alleged that the Forest Service adjusted livestock numbers downward on wilderness allotments with the professed goal to “Manage herbaceous forage and cover habitat on these areas to provide for quality/quantity wildlife habitat at a level above what currently exists.” In addition, the authors contended that the current degradation cannot be attributed to livestock influences, and they maintained that the Forest Service must assume full responsibility due to the interruption of “...the natural maintenance and creation of early successional (vegetational) stages.” As outlined in the GNF draft Environmental Impact Statement (EIS) (USFS, 1985), the interruption of natural maintenance and creation of early successional stages has been the result of the Forest Service’s past fire control activities. “By curtailing the impact of fire on wilderness areas, the Forest Service has created the very conditions it now uses to justify removal of livestock. Ecologically unsound management in the past should not be the keystone for continued ecologically unsound management in the future” (Hess et al., 1985).

### **Pre Gila River Reserve**

Pioneers arriving in western New Mexico were attracted to the attributes that constitute a wilderness by current definition: where earth and its community of life are untrammled and retain their primeval character, and their natural conditions are preserved. The Gila River area had flowing water and ample grass, and was unspoiled and untamed. The pioneers started with pure natural resources as factors of production combined with blood and sweat equity to create a business unit and a home for their families. One of the earliest community leaders was respected agriculturist Peter McKindree (P.M.) Shelley, who arrived in 1884 with his family and 80 head of cattle at the southwest corner of the Gila where the Gila River and Mogollon Creek converge (Rice et al., 2008).

It was several years before the Shelleys were able to produce marketable livestock—two- to four-year-old steers—while all heifers were retained for herd expansion. At the time, there did not exist a market for heifers or cull cows. Dogs were used to help with the roundup and burros were tied to cattle to lead them out of the wilderness to headquarter corrals for branding. The herd was built to over 5,000 head on open range as an infrastructure of corrals and watering sites was strategically constructed to supplement the live water.

### **Gila River Reserve, Pre-Wilderness**

Forest Reserves were created March 3, 1891, by executive action under the Creative Act. The National Forests “Organic Act,” entitled The Organic Administration Act, was passed in 1897. The law clearly defined the purpose of the Act in the following statement:

No national forest shall be established, except to improve and protect the forest within the boundaries, or for the purpose of securing favorable conditions of water flows, and to furnish a continuous supply of timber for the use and necessities of citizens of the United States. (16 U.S.C. § 475)

The Geological Survey of the United States Department of the Interior inventoried four reserves, including the Gila Forest Reserve, which was officially established in 1899. The Forest Reserves were transferred in 1905 to the United States Department of Agriculture, and the Bureau of Forestry was transformed into the current day Forest Service, with Gifford Pinchot as the first chief. In 1905, the Forest Service published grazing regulations (Pinchot, 1905) granting preference based on prior rights of use.

Applicants for grazing permits will be given preference in the following order: (a) Small nearby



owners. Persons living in or close to the reserve whose stock have regularly grazed upon the reserve range and who are dependent upon its use. (b) All other regular occupants of the reserve range. After class (a) applicants have been provided for, the larger nearby owners will be considered, but limited to a number which will not exclude regular occupants whose stock belong or are wintered at a greater distance from the reserve. (c) Owners of transient stock. The owners of stock which belong at a considerable distance from the reserve and have not regularly occupied the reserve range. Priority in the occupancy and use of range and the ownership of improved farming land in or near the reserves will be considered, and the preference will be given to those who have continuously used the range for the longest period. The applications of new settlers owning small bands of stock will be considered in all cases except where the range is fully occupied by small owners. (pp. 22–23)

USDA Circular #240 (USDA, 1922) presented statistics and a description of industry and communities prior to administrative creation of the Gila Wilderness: “There are now six National Forests in New Mexico. They comprise a gross area of approximately 9 1/2 million acres...They provide a permanent lumber industry for that region; they supply material needed in the development of ranches, farms, and cities; they add stability to the live-stock industry... Furthermore, by means of the receipts derived from their administration, they contribute to the road and school funds of the counties in which they are situated. Mining, agriculture, grazing, and all other uses of the forest areas not incompatible with their primary purpose

are encouraged” (p. 5). Circular #240 went into great detail when highlighting the purpose of the grazing regulations.

The purpose of the grazing regulations of the Forest Service is to produce an equitable distribution of grazing privileges and a permanent grazing industry. In the application of these regulations the interests of the small stockmen are amply protected. Sound principles of range management, the result of many years of intensive study, are being put into effect on the National Forests. The carrying capacity of the different ranges is being closely approximated; although the ranges are fully utilized, they are not overgrazed. (pp. 7–8)

There existed a sharp contrast in perception and reality during the period when Forest Reserves were initially created and National Forests were later administered by the Forest Service. Unregulated free use was the way of life; the number of cattle was the focus of the business for the livestock industry. The transition from free use to controlled grazing under the regulation of the Forest Service was a hard pill to swallow; diplomacy and perseverance were required to implement agency management.

The shift in thinking away from livestock production toward the forage and soil base of the natural resources wasn’t universally accepted. The issue to both industry and agency was one of control; livestock producers were forced to access the federal rangeland and harvest feed as quickly as possible before it was consumed by roaming “free grazers” with herds of cattle and sheep. Range depletion was commonplace, with perennial grasses replaced by annuals and forage associated with a lower ecological series.

Baker et al. (1988) described the early policy framers for the agencies—Westerners who knew the people, business, and

resources—such as A.F. Polte, W.C. Clos, and Secretary of Agriculture James Wilson. They developed a set of range management principles to accompany the transfer of the Forest Resources from the Department of the Interior to the Department of Agriculture. Allotments were formed shortly after the Forest Service was created; the first fees for livestock users were imposed in 1906, followed by a detailed set of grazing regulations included in *The Use of the National Forests* in 1907.

Leadership of the Forest Service under Gifford Pinchot emphasized the proclaimed purposes of the 1897 Organic Act, namely the production of timber and protection of watersheds. Gradual livestock reductions were instituted to reduce grazing pressure and restore watershed health, and grazing priority was given to local small producers (Roberts, 1965). Reductions in livestock numbers in the National Forest System in general and the Gila National Forest in particular (Figure 2) were reversed to meet the nation's need for food and fiber in World War I. In support of the war effort, permittees were encouraged by the Forest Service to increase meat and wool production by relaxing control on livestock numbers (Roberts, 1965). A dramatic decrease in the market price of cattle and sheep in 1919 discouraged livestock producers from selling their stock at a profit, which contributed to the deterioration of the rangelands. This spike in livestock numbers is readily apparent in Figure 2. This period should not be used as a representative basis for comparison to historic numbers; rather it should be viewed as an anomaly due to the war effort and adverse market conditions.

## METHODOLOGY

The null hypothesis is that there exists no difference in the rate of decline of grazing AUMs/acre on the Gila National Forest compared to the rate of decline on pure wilderness allotments (Gila and Aldo Leopold Wilderness areas) within the Gila

National Forest. The 80-year test period (1928–2007) starts after the designation of the wilderness areas in 1924. Sharp decreases in AUMs were being implemented after World War I and during the period 1924 through 1927; the 80-year, relatively stable period under investigation allows time for the concept of wilderness to be understood and applied to the allotments during the introductory period of 1924 through 1927.

## Data Collection Methodology

Historic grazing records from the Gila National Forest Supervisor's office were accessed to form the primary database. Raw data from the Paid Permit Card Record and the grazing ledger were compiled. Information included allotment name, permittee name, class of livestock, number of livestock for each class, the grazing period, season of use, and number of approved livestock.

The grazing year was standardized and allotment boundaries were aligned to be consistent with the current boundaries and year; the number of livestock and season of use were formulated to match the current Forest Service grazing and billing year of March 1 through February 28. The number of livestock and season of use were converted to AUMs by using standard Society of Range Management (SRM) conversion rates (Table 1).

Annual permitted use was the summation of AUMs across the classes of livestock for the grazing year. This number was used for comparative purposes across the century of grazing use but may not reflect actual use unless the assumption is made that reported numbers are indicative of the actual number of livestock run on the allotment. The methodology standardizes animal unit conversions across time. Duplicate paid permit cards were eliminated.

If allotment names existed they were tracked through time to follow how allotments were split or recombined to determine how the allotment conformed to current allotment boundaries using

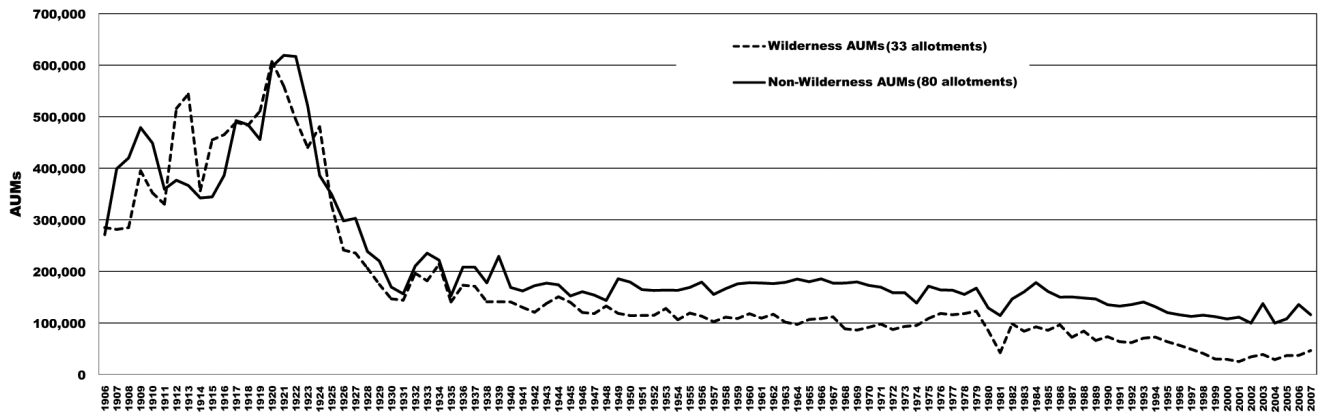


Figure 2. Total AUMs on Gila Forest wilderness and non-wilderness, 1906-2007 (Apache Forest not included).

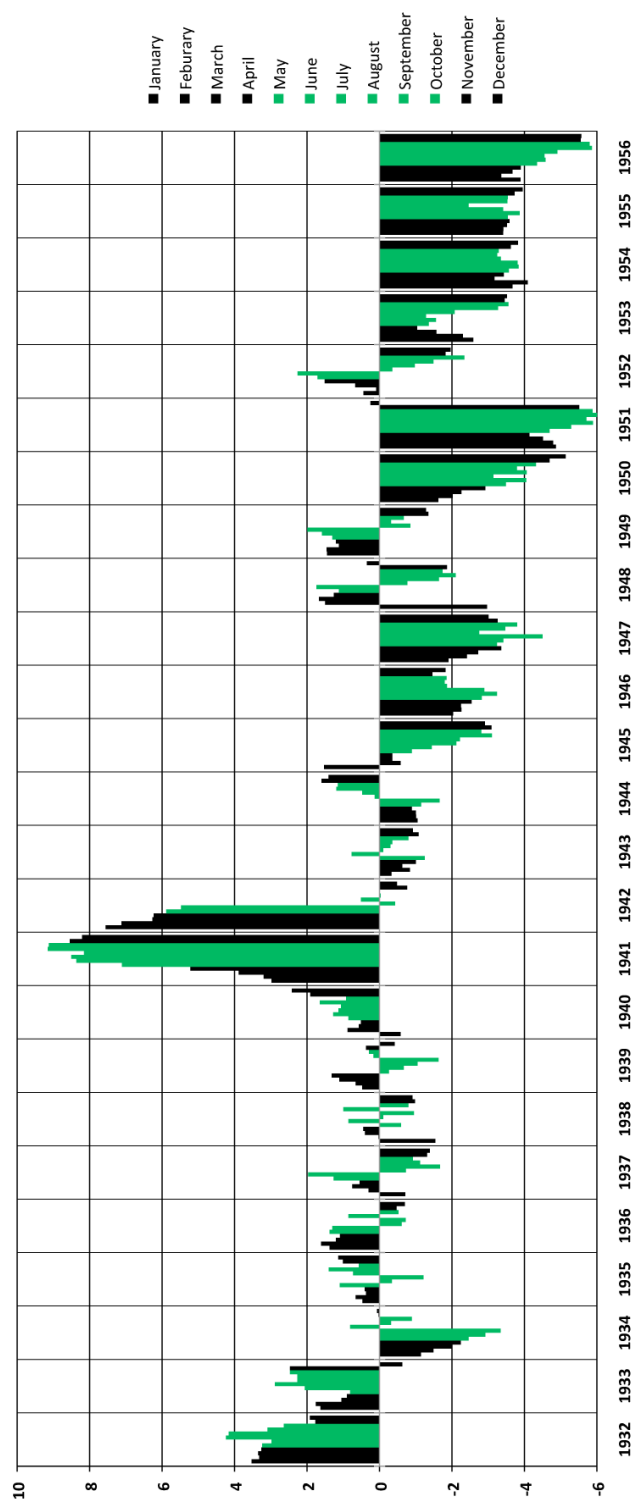
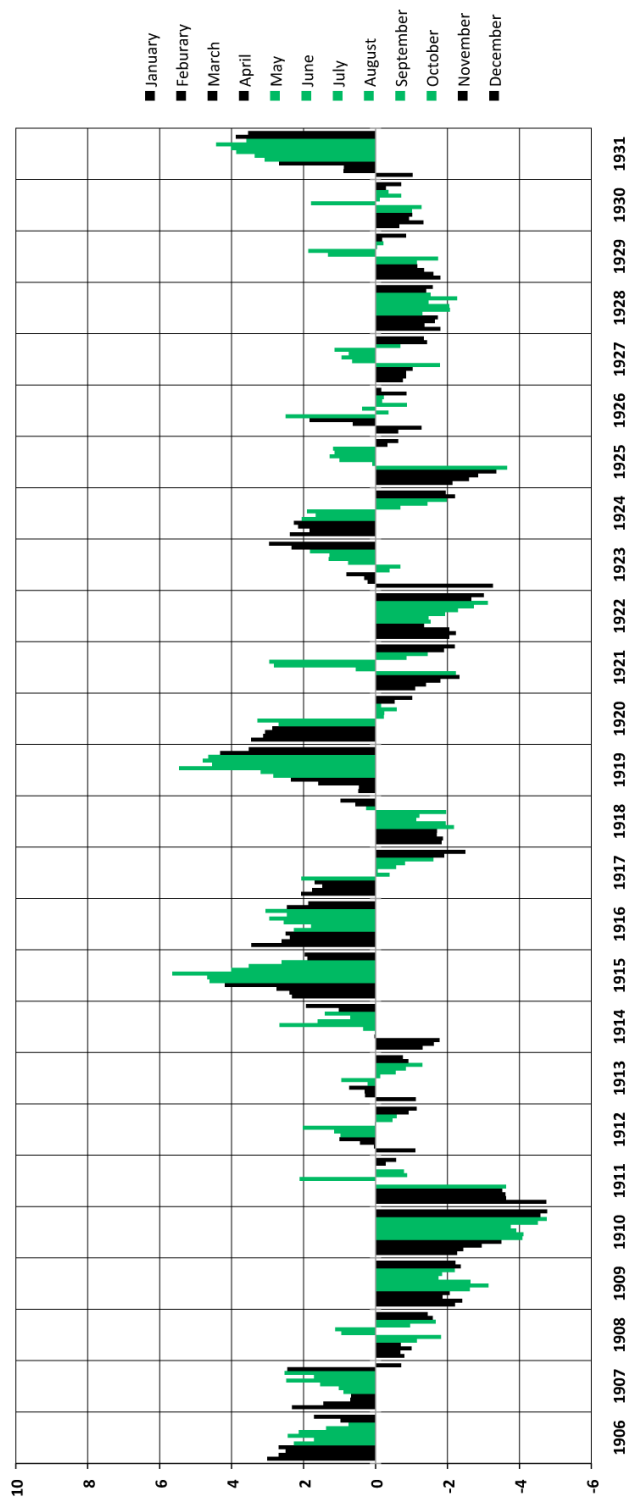
Table 1. Society of Range Management AUM Conversion Rates (2000)

Mature cow with calf	1.00
Bull, horse, mule, burro	1.25
Yearling	0.75
Mature sheep and goat	0.20
Hog	0.30

historical Forest Service maps. The land area of the allotments shown in the 1930 Forest Service map was the core land area used in this analysis (see Appendix A in this publication). In some instances the cards did not include the allotment name; in these cases permittee name was used to assign the AUMs to an allotment. Some cards indicated that historic preference was granted, purchased, or sold to an individual. The earliest cards also indicated use prior to the creation of the Gila River Forest Reserve (on March 2, 1899, after being surveyed.) In the years prior to 1934 there were a few cards that indicated that individuals were grazing livestock but the location was indeterminate. When this occurred, the livestock numbers were included in the Gila total AUMs, but not tied to a designated allotment area. The indeterminate AUMs dropped to less than 200 head by 1930. The individual allotment was the lowest level of disaggregation; ranger district boundaries changed so often that the

decision was made to conduct the analysis at the allotment level.

The Gila Wilderness was administratively created in 1924. Allotments that were included in the group called “Wilderness Allotments” currently have more than 50% of their area within the Gila and/or Aldo Leopold Wilderness boundaries. Thirty-three grazing allotments had some portion of the wilderness within their allotment boundary; many of these were relatively small allotments consistent with the Forest Service priority of allocating preference to small family operations. Eighteen of these were totally or predominately within the Gila and/or Aldo Leopold Wilderness areas, and these make up the “Wilderness Allotments.” The reason for this is that the wilderness boundary itself was delineated along natural boundaries such as rivers or mountains; the natural barriers become the actual wilderness boundaries. Fifteen of the original 33 allotments have a small portion of their land area within the actual wilderness boundaries. Allotments were not included as “wilderness” unless the wilderness percentage of the allotment was equal to or exceeded 50% of the total allotment.



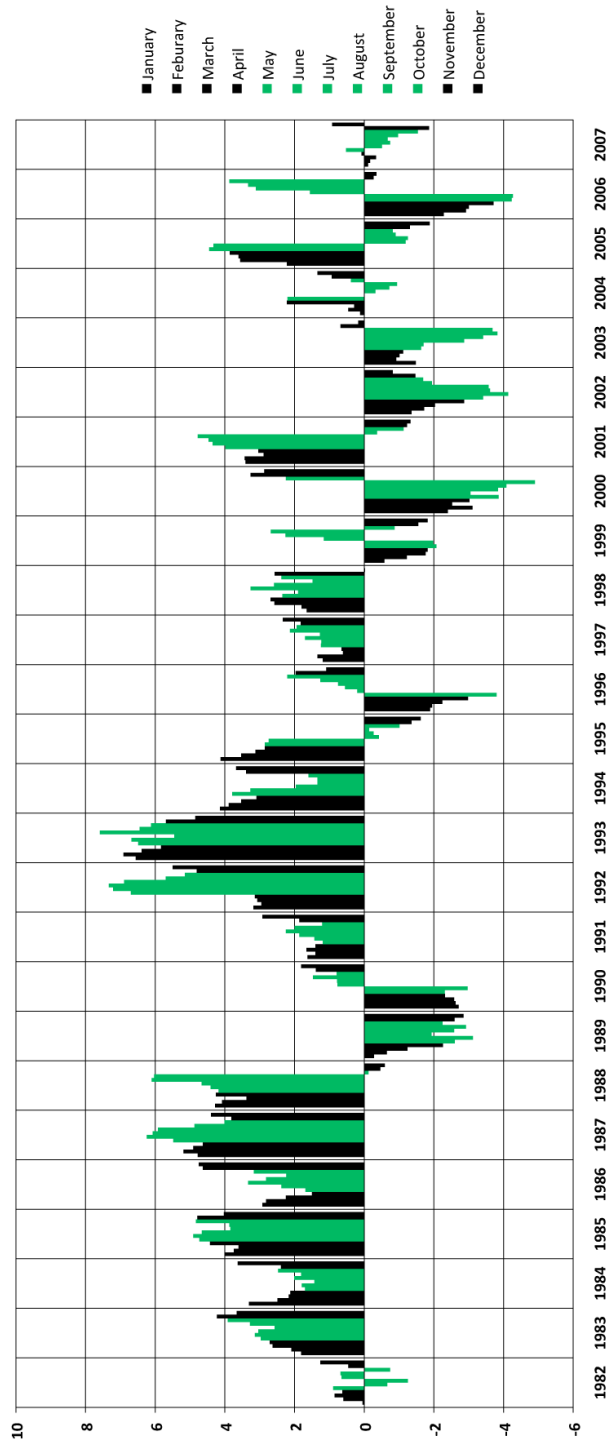
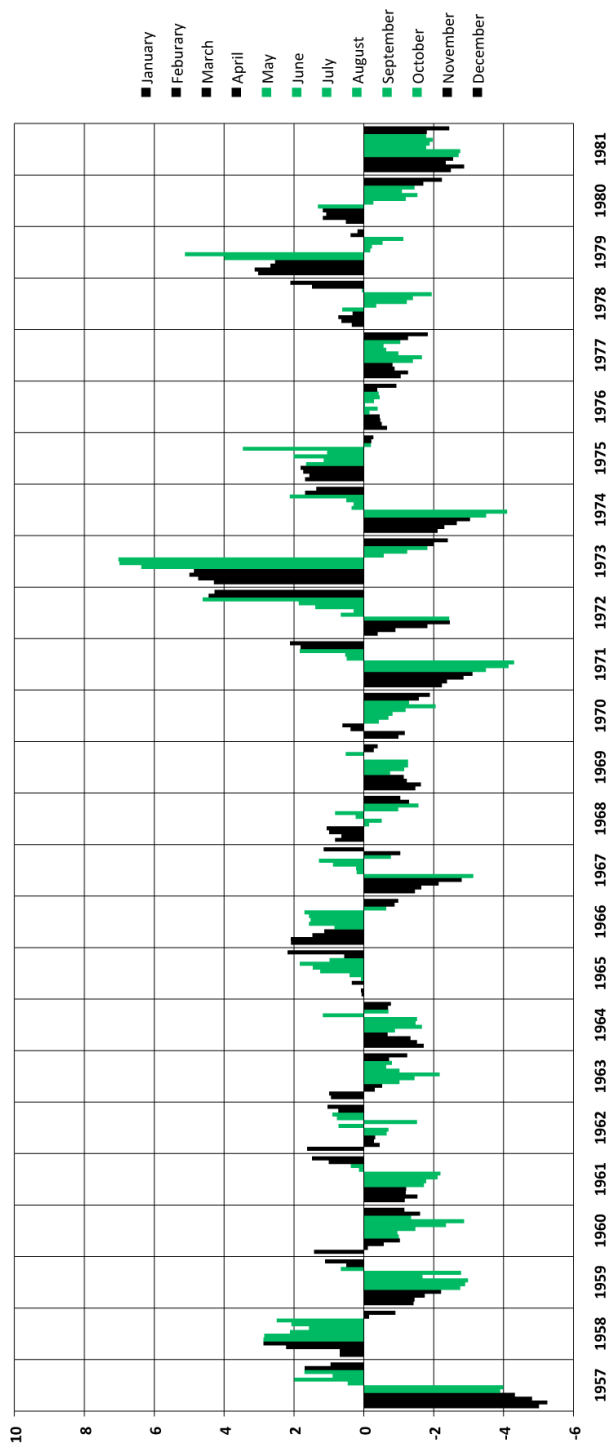


Figure 3. Palmer Drought Severity Index (PDSI), Region 4, 1906-2007.



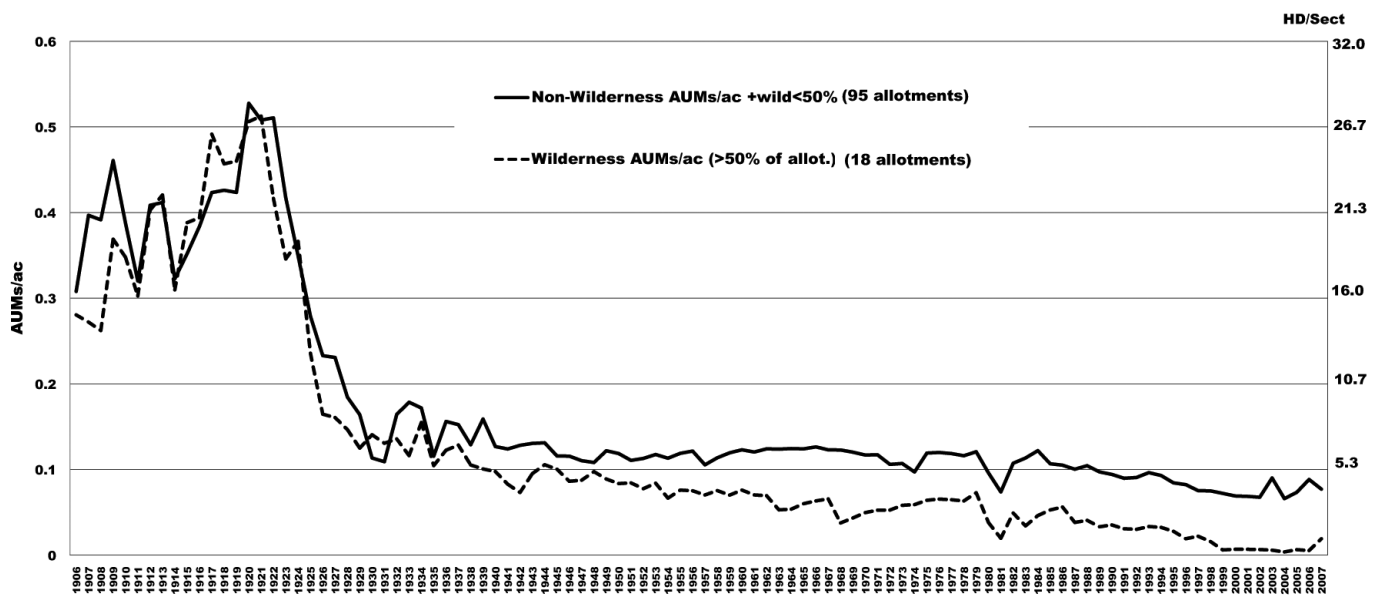


Figure 4. AUMs/ac on Gila Forest wilderness and non-wilderness, 1906-2007 (Apache Forest not included).

## RESULTS AND DISCUSSION

The total acreage of the 18 wilderness allotments was 827,188 and the total acreage of the 95 non-wilderness National Forest allotments was 1,312,979 (Appendix A in this publication). It was anticipated that if the Forest Service was neutral with regard to AUMs of grazing, then the reductions made to authorized grazing on the Gila Forest would be applied equally to both wilderness and non-wilderness allotments; there would be no significant difference between the rate of decrease in authorized AUMs/acre between wilderness and non-wilderness allotments.

The total AUMs for the wilderness and non-wilderness allotments for the period 1906 to 2007 are presented in Figure 2. The difference between the number of authorized AUMs on the wilderness and non-wilderness allotments is problematic due to the much larger number and total acreage of the non-wilderness allotments. The data displayed in Figure 2 reveal that there were huge authorized AUM reductions on both wilderness and non-wilderness

allotments during the period 1920 through 1928. The emphasis on beef and wool production to support the World War I effort was over and the Gila was experiencing a decade-long reduction in rainfall for the period<sup>4</sup> (see Figure 3). This analysis focused on the 80 years of data for 1928 to 2007 after the drastic reductions were in place and the wilderness policy had time to be implemented on the ground by 1928. It is visually apparent from the data displayed in Figure 2 that the gap widened between total authorized AUMs on the non-wilderness allotments and the wilderness allotments. This widening gap could be due to the scale of the time trends. Analysis on an AUMs/acre basis will minimize the scale concerns.

Authorized AUMs/acre for both wilderness and non-wilderness allotments for Gila National Forest are presented in Figure 4. The initial stocking rates for the wilderness allotments were actually higher than the stocking rates for the non-wilderness allotments for some of the period. The pre-Gila Wilderness designation AUMs/

<sup>4</sup>Palmer Drought Severity Index (PDSI) scale: greater than 2.0 is mild to moderate wetness, less than -4.0 is extreme drought.

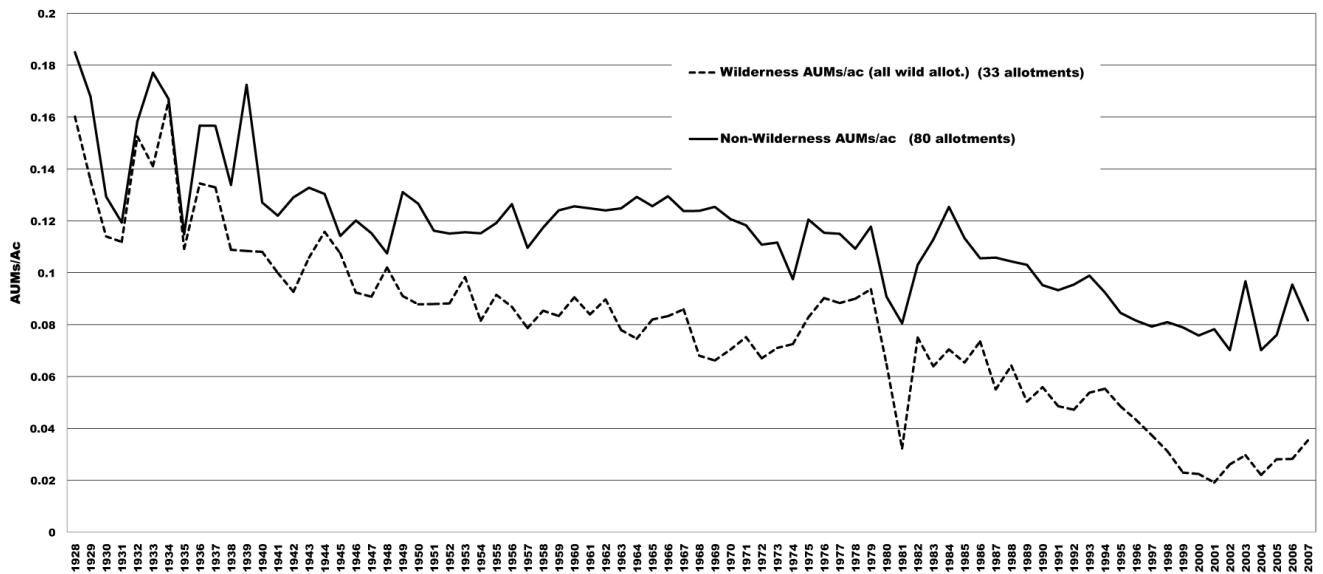


Figure 5. AUMs/ac on Gila Forest wilderness and non-wilderness, 1928–2007 (Apache Forest not included).

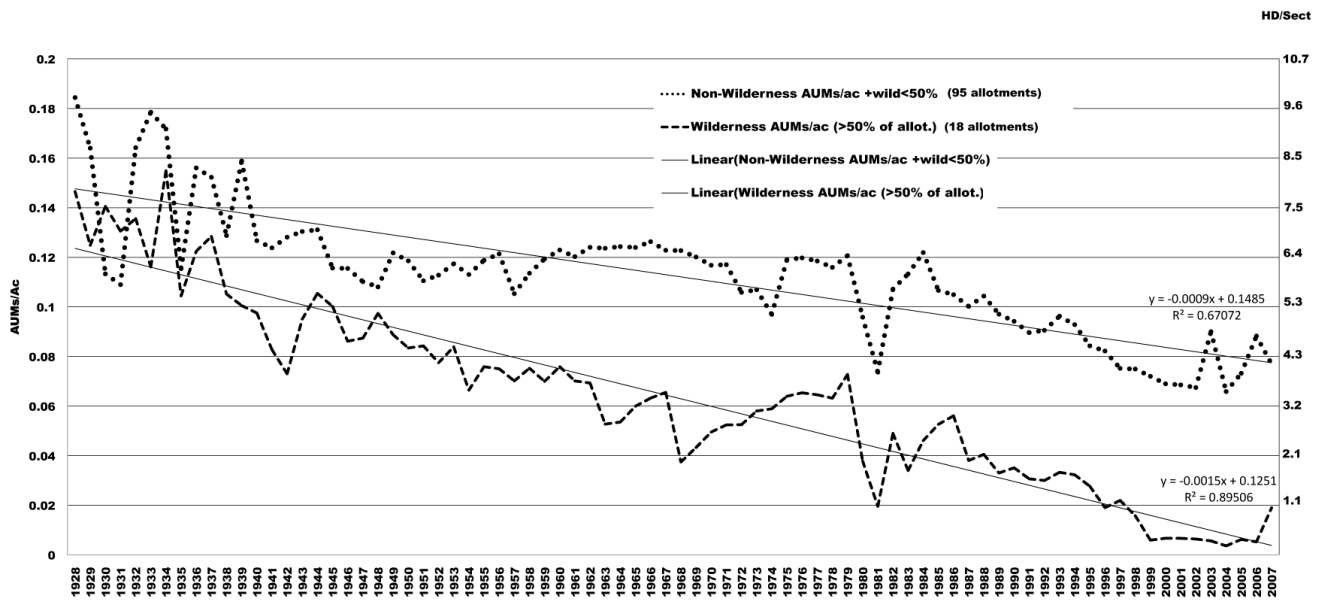


Figure 6. AUMs/ac on Gila Forest wilderness and non-wilderness, 1928–1927 (Apache Forest not included).

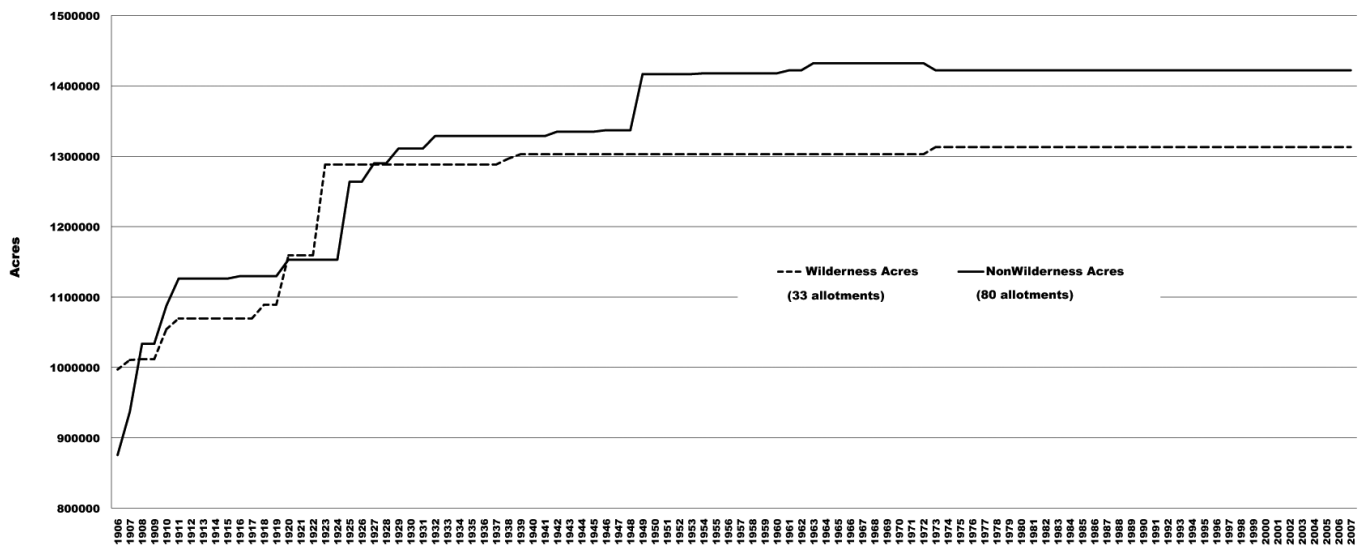


Figure 7. Total wilderness and non-wilderness acreage, Gila Forest, 1906–2007 (Apache Forest not included).

acre stocking rates reveal that the stocking rates on the allotments that would eventually form the Gila and Aldo Leopold Wilderness areas were virtually equal to the AUMs/acre stocking rates on non-wilderness allotments. The equality of stocking continued after the wilderness designation in 1924, and continued until the stabilization and balancing of AUMs in 1928. It is visually apparent that the gap between AUMs/acre widened after the 1928 stabilization period for the 18 core wilderness allotments versus the 95 non-wilderness allotments. Focusing on the 1928 to 2007 period (see Figure 5), it is apparent that a substantial difference exists between AUMs/acre for any of the 33 allotments with wilderness versus the 80 allotments with no wilderness (not counting Apache Forest). This is contrary to the results of wilderness AUMs increasing for the period 1964 through 1984 in Arizona by McClaran (1991).

A more detailed examination of the AUMs/acre displayed in Figure 6 reveals that the AUMs/acre on wilderness allotments took

a precipitous drop from 1994 through 2000 and did not reverse until 2007. The number of acres was virtually constant during this period (Figure 7); therefore, AUMs for the wilderness allotments were drastically reduced. The most plausible explanation for the decline in AUMs/acre would be a prolonged drought in the region. Consulting the Palmer Drought Severity Index (Figure 8) for the period 1994 through 2000 reveals that five of the seven years were in the 1 to 2.49 or greater range, or mild to moderate wetness. Three months in 1996 were in severe drought and another two months were in mild to moderate drought. The year 2000 was tough, with nine months in severe drought, but ended strong. These conditions occurred after the wettest period (from 1983 through 1995) in the region's recorded history in which AUMs were also reduced. The 33 allotments with some wilderness were reduced from 83,934 to 63,596 AUMs, and the 18 allotments with greater than 50% wilderness were reduced from 28,151 to 22,909 AUMs, a 19% reduction during this wet cycle. Precipitation

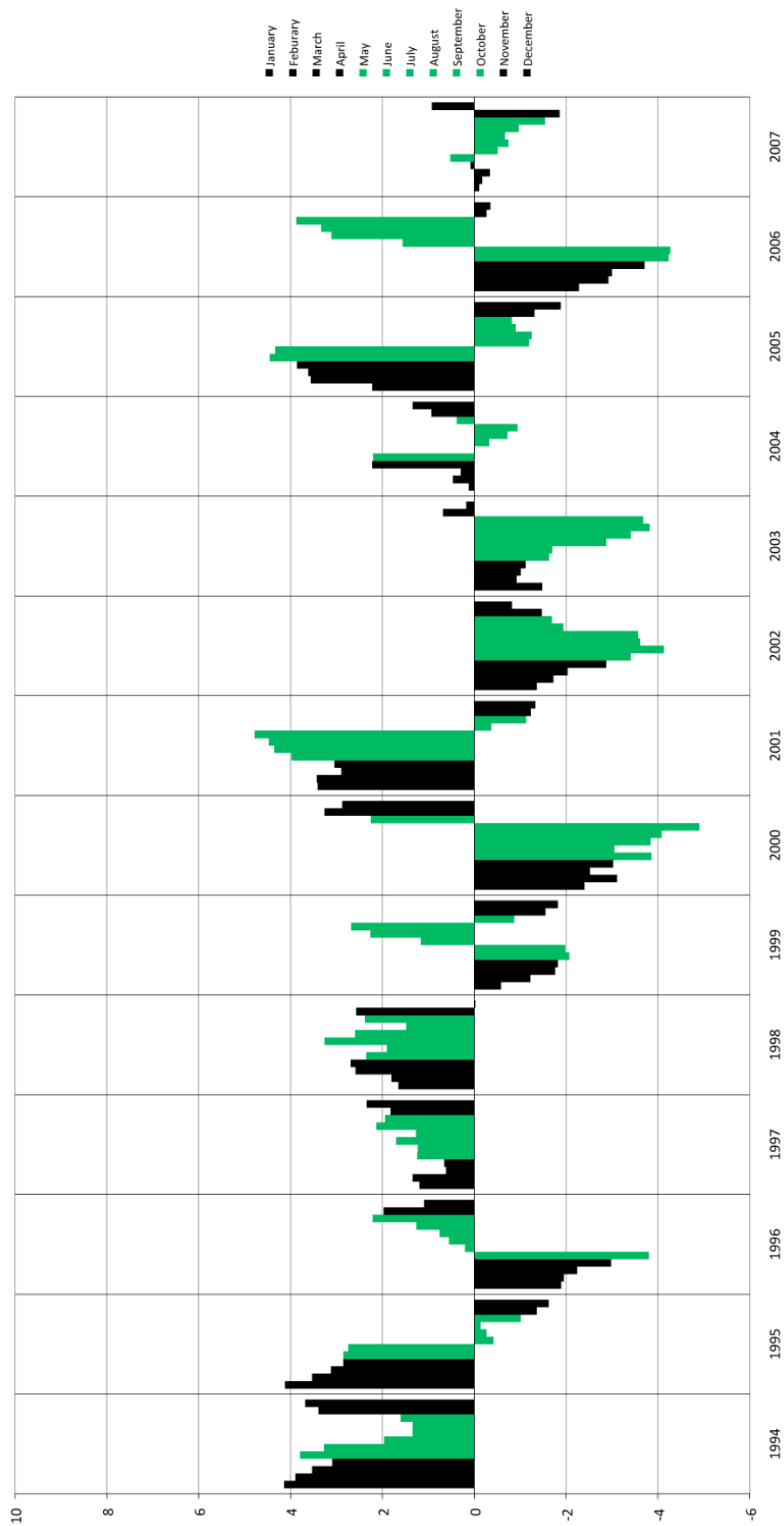


Figure 8. Palmer Drought Severity Index (PDSI), Region 4, 1994–2007.

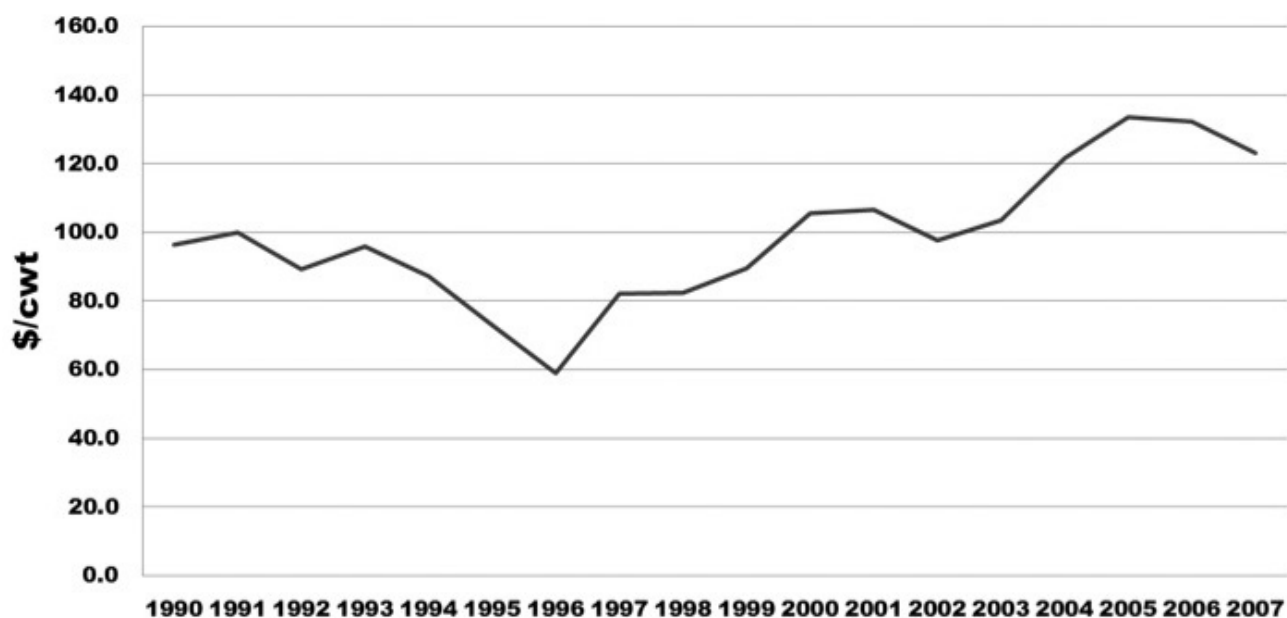


Figure 9. U.S. calf prices in dollars per hundred weight (\$/cwt), 1990–2007.

or lack thereof cannot be the explanation for further reductions in numbers.

Examination of the wilderness allotments for the 1994 through 2000 period are displayed in Table 2, which is a subset of the data in Appendix A of this publication. Dropping to 0.015 AUMs/acre is equivalent to less than one (0.8) head per section of land in the wilderness; it would require 800 acres of land to support a single cow/calf pair. To put this number in perspective, the average head/section for state-owned land in New Mexico is 10.2, which requires 63 acres to support the pair. The end result was that for the year 2000 only seven of the 18 wilderness allotments were stocked with livestock. The AUMs for the 18 wilderness allotments were further reduced from 26,725 to 5,554 (79% reduction) during the 1994 through 2000 period. Five of the remaining seven allotments had 60 head or fewer year-round, and only two wilderness allotments had more than 100 head year-round.

Examination of the period 1999 through 2007 revealed that there were only 4,800 AUMs (200 head year-round) and that 10

of the 18 allotments were totally destocked (Table 3) for all the years, except 2007 when numbers were increased. Precipitation for 2007 was below normal and calf prices were down \$10 per hundredweight—hardly the criteria for increased numbers. Animal unit months experienced a 260% increase and five wilderness allotments were restocked. The Hermosa allotment accounted for 70% of the increased AUMs.

Wilderness allotments are at a comparative economic disadvantage because of higher operation costs. The higher cost of doing business is a direct result of the wilderness designation, which prevents the use of motorized equipment within the wilderness unless an extreme emergency exists. This increases the cost and time of repairs and maintenance, which require access via horseback and packing in supplies with mules in addition to the time requirements for the allotments.

By 1994, wilderness allotments had overcome this comparative cost disadvantage for 70 years; labor requirements and manual technology were considered the “cost of



doing business” within the wilderness. The price of calves, the principle product of the wilderness ranches, must be examined to ascertain if adverse market conditions might have contributed to a voluntary destocking or partial removal of wilderness AUMs. Using U.S. calf prices in dollars per hundredweight (\$/cwt) presented in Figure 9, it is apparent that a price trough occurred in 1996; the price trough was particularly damaging to the Gila ranching community because it coincided with a localized drought for the region. Prices during the years 1994 and the first half of 1995 were favorable, as well as during the second half of 1997 through 2000. Prices were therefore unfavorable for two of the seven years, and any voluntary AUM reductions for economic reasons would have been reversed during the last four years between 1997 and 2000. This reversal never materialized.

Another plausible explanation for not restocking the allotments within the wilderness might be that the last regulatory cut in numbers by the administering federal agency (Forest Service) pushed ranches over the survival threshold both in terms of financial impacts and operationally. It becomes relatively more expensive to repair and maintain improvements, particularly with the methods allowed in wilderness. Here, as the number of AUMs decreases, the fence maintenance requirements remain constant or possibly increase due to increased elk populations and as neighbors are completely destocked. Destocking transfers additional maintenance responsibilities to the remaining permittees who adjoin the vacant allotment. Potential increases in depredation, corral and fence depreciation, and water improvements reconstruction are likely to increase on an AUMs/acre basis when AUMs are further reduced. When an allotment can't cover variable costs or any portion of fixed costs, then the appropriate decision is to shut down the business, i.e., abandon the wilderness permit. When the lower threshold of AUMs is

exceeded, the spiral downward is steep, and few options exist outside of canceling the permit.

It would be inappropriate to compare the 2007 AUMs (15,710) to the 350,220 average for 1920 and 1921, or even in 1924 when the Gila was declared wilderness and over 297,000 AUMs were on the wilderness allotments. However, it is appropriate to compare the 15,710 AUMs in 2007 to the average 117,529 AUMs that existed in the stabilized period after wilderness designation; this constitutes an 87% reduction during the 80-year period of this analysis across all 18 wilderness allotments.

The numbers of AUMs/acre on wilderness and non-wilderness allotments were analyzed for the period 1928 through 2007. The 95 non-wilderness allotments were slightly more erratic; therefore, an identifiable trend line through time was more difficult to fit. We did, however, estimate the slope to be -0.0009 with an  $R^2$  of 0.67 for the non-wilderness allotments. The variability in the AUMs/acre is displayed in Figure 6.

The 18 wilderness allotments experienced a significantly steeper rate of decline during the 1928 through 2007 period. The slope, representing the rate of decline in AUMs/acre, was -0.0015 with an  $R^2$  of 0.90. The rate of decline of AUMs/acre was 67% steeper for the wilderness allotments than the non-wilderness allotments. When comparing the percent reduction in AUMs/acre to the percent of designated wilderness for the allotments, it is apparent that as the percentage of wilderness acres within the allotments increases so does the percentage of the reduction (Figure 10). The 80 allotments that had no wilderness acres experienced a 55% reduction over the 80-year period. The 33 allotments with some percentage of wilderness ranged from a 1.4% reduction on the Mimbres Allotment to a 100% reduction on the Wilderness Allotment (Table 2). The percent reduction increased to approximately 75% if any wilderness acreage was present to nearly 95% if the allotments were over 90% wilderness (Figure 10).

Table 2. Examination of AUMs on Wilderness Allotments from 1994 through 2000

Allotment Name	% Wilderness	Acres	1994	1995	1996	1997	1998	1999	2000
Fort Bayard	0.0%	15,409	0	0	0	0	0	0	0
NonWilderness Unk	0.0%	0	0	0	0	0	0	0	0
Big Horn	0.0%	293	70	0	28	45	19	30	44
Lower Plaza	0.0%	4,264	0	0	0	0	0	0	0
Shingle Canyon	0.0%	1,107	297	0	0	0	0	0	0
Govina	0.0%	37,151	0	0	0	0	0	298	273
Kelly	0.0%	23,455	1,226	1,288	1,297	1,297	1,297	759	925
Devils Park	0.0%	19,112	1,904	0	0	0	82	234	729
Martinez	0.0%	0	0	0	0	0	0	0	0
Shelton Canyon	0.0%	2,069	177	0	0	0	0	0	0
White Rocks	0.0%	6,228	221	405	526	582	536	479	625
Apache Canyon	0.0%	17,832	393	629	629	712	712	712	712
Cross V	0.0%	13,661	0	0	572	0	136	179	376
North Wahoo	0.0%	7,356	179	533	650	0	0	0	0
Eagle Peak	0.0%	26,120	2,163	1,507	1,349	615	892	1,131	655
V + T	0.0%	89,150	9,520	9,520	9,520	10,121	10,121	10,008	10,121
South Wahoo	0.0%	21,440	1,213	1,213	1,213	1,200	1,200	1,200	800
Deep Canyon	0.0%	23,523	1,190	1,307	2,369	1,061	546	1,179	1,007
Tennessee	0.0%	3,452	595	770	600	1,018	952	952	1,136
Legget	0.0%	30,961	1,812	1,551	1,424	1,496	1,792	1,642	2,108
Potholes	0.0%	7,432	1,346	1,346	1,273	1,273	1,273	1,630	1,178
Citizen	0.0%	21,145	4,950	5,614	4,750	3,425	4,914	4,132	0
Mogollon	0.0%	5,403	0	0	0	0	0	0	0
Black Bob	0.0%	27,683	2,732	2,732	2,732	1,546	2,520	2,051	1,463
Dark Canyon	0.0%	12,248	392	223	388	420	450	298	446
Walking X	0.0%	15,632	2,440	1,220	1,220	1,220	1,190	1,220	1,447
Silver Creek	0.0%	16,735	1,737	1,098	1,203	1,274	1,376	1,274	1,286
Winchester	0.0%	10,762	0	0	0	0	0	714	1,183
Pine Cienega	0.0%	7,845	1,785	1,785	1,476	1,376	1,785	1,785	1,500
SU	0.0%	5,032	655	655	550	759	655	655	655
Pleasanton	0.0%	28,393	5,251	4,565	4,363	3,952	3,907	4,122	4,098
White Signal	0.0%	20,176	1,474	1,440	1,499	1,666	1,666	1,666	1,500
HooDoo	0.0%	14,368	2,071	551	2,261	2,261	2,071	2,261	1,900
C-Bar	0.0%	13,136	743	714	0	828	714	714	714
Burro Mtn	0.0%	7,427	1,180	443	590	743	331	584	743
Poverty Creek	0.0%	3,710	291	304	603	309	305	261	222
Ferguson Mtn	0.0%	2,466	0	0	0	0	0	0	0
Little Rough	0.0%	2,584	395	395	0	272	395	179	161
Gallinas	0.0%	13,589	1,634	529	896	893	0	937	411
Copper Creek	0.0%	25,611	1,026	1,026	1,026	1,190	1,026	1,026	1,026
Walnut Creek	0.0%	31,593	2,500	0	671	1,309	1,452	216	437
Twin Sister	0.0%	12,460	275	275	275	0	0	0	0
Allie/Alvalanche	0.0%	18,131	3,031	3,031	2,792	2,767	2,826	2,767	2,767
Bear Creek	0.0%	16,184	354	0	754	833	833	988	732
East Canyon	0.0%	11,015	1,843	1,618	1,148	0	0	0	0
Sheppard	0.0%	18,224	2,834	2,811	2,811	2,811	2,811	2,811	2,811
Mud Springs/ Noonday	0.0%	11,857	148	450	461	476	1,413	476	941
Bullard Peak	0.0%	45,765	6,043	5,653	5,965	3,832	3,832	3,237	3,237
O bar O	0.0%	57,098	5,474	5,474	5,474	5,474	5,474	5,474	5,474
Negrito	0.0%	41,047	3,486	4,053	3,582	2,754	5,021	3,623	4,020
Mangus Valley	0.0%	17,801	1,044	3,132	1,776	3,132	1,705	1,705	502
Corner Mountain	0.0%	14,459	0	0	0	0	0	0	0
Y- Canyon	0.0%	52,879	0	0	1,128	7,008	7,089	5,410	4,390
Alma	0.0%	19,027	3,570	3,570	3,570	2,750	4,093	3,094	4,224
Long Canyon	0.0%	17,887	1,785	1,785	0	0	714	1,630	1,219
Mule Creek	0.0%	16,514	2,240	2,410	218	655	0	354	699
Ceder Break	0.0%	11,467	1,869	1,830	1,874	1,874	1,726	1,791	1,586
Gila River	0.0%	17,876	1,728	1,728	1,728	1,728	1,613	1,728	1,728
Blue Creek	0.0%	5,589	1,726	1,726	1,012	1,012	1,071	1,071	1,916
Black Range	0.0%	40,485	3,273	3,570	3,273	3,273	3,273	2,750	3,273
Roberts Park	0.0%	17,239	4,867	4,549	1,631	5,186	2,361	2,322	4,022
Frisco Plaza	0.0%	36,970	1,958	1,993	1,993	1,847	1,969	1,505	1,039
Berenda	0.0%	26,580	1,999	1,999	4,088	1,999	1,999	1,999	1,999
Mackey	0.0%	4,746	1,071	1,599	1,071	1,071	1,071	940	1,071

Table 2. Examination of AUMs on Wilderness Allotments from 1994 through 2000 (Continued)

Allotment Name	% Wilderness	Acres	1994	1995	1996	1997	1998	1999	2000
Torriete	0.0%	41,177	4,429	4,474	4,451	3,570	3,570	3,570	3,784
Deep Creek	0.0%	28,122	2,279	2,421	1,423	1,485	1,346	1,374	950
Deadman	0.0%	16,790	1,363	1,363	1,363	1,303	1,363	1,363	1,145
Yegus	0.0%	11,551	1,256	0	0	0	0	1,055	288
Dripping Springs	0.0%	590	285	24	142	213	190	2	118
Fierro	0.0%	11,026	2,023	1,018	1,972	1,012	1,012	1,012	1,012
Carrizo	0.0%	8,259	0	0	0	0	0	0	36
Cox Canyon	0.0%	18,855	946	946	946	768	833	1,765	893
Harden Cienega	0.0%	36,052	8,352	7,005	7,176	6,450	6,579	6,991	5,697
Schoolhouse	0.0%	4,837	868	828	897	863	897	868	1,003
Apache Creek	0.0%	5,310	473	23	0	0	0	0	0
Harve Gulch	0.0%	9,584	940	940	350	804	532	500	1,194
Wedgewood	0.0%	320	47	47	47	47	47	47	47
Alexander	0.0%	35,240	1,473	1,473	1,238	1,901	2,068	2,207	2,058
Cold / Hot Springs	0.0%	18,188	1,384	1,915	3,273	0	0	0	0
Silver City Watershed	0.0%	5,171	395	395	0	272	395	179	161
Silverdale	0.0%	4,111	636	636	318	636	1,060	1,060	1,855
Mimbres	1.4%	33,557	6,031	6,024	5,382	0	0	0	0
T Bar	4.8%	77,424	0	3,857	3,552	5,583	3,611	3,588	5,379
Black Mountain	5.6%	43,059	8,950	9,000	9,000	9,000	9,000	7,750	0
Couduroy	9.6%	61,197	4,635	4,525	4,291	4,760	2,347	5,488	9,387
Sacaton	14.3%	6,632	893	824	893	516	435	1,290	827
Taylor Creek	18.4%	42,592	4,286	4,079	4,118	3,234	3,234	0	0
Kingston	24.1%	25,357	6,109	2,600	4,088	2,303	2,541	2,121	1,320
Southfork	26.8%	36,566	2,692	2,716	2,716	2,716	2,716	2,716	2,716
N. Palomas	33.0%	15,199	0	0	0	0	0	0	0
Turkey Run	33.6%	19,604	1,000	988	869	869	1,107	0	1,202
Holt Gulch	36.5%	15,722	1,096	1,036	15	422	717	1,311	1,379
Cow Creek	37.6%	13,511	673	632	860	0	0	0	0
Reading Mtn	42.3%	17,509	4,864	0	441	576	909	283	1,377
Redstone	43.0%	66,831	3,284	3,087	4,198	0	0	0	0
Spar Canyon	45.1%	11,031	1,321	1,321	550	839	1,260	637	265
Brock Canyon	50.7%	10,118	89	45	45	45	45	45	36
Dry Creek	51.3%	44,467	1,969	2,062	1,830	1,592	1,592	0	0
Watson Mtn	57.4%	8,478	1,050	15	0	0	0	0	0
Powderhorn	57.6%	36,865	0	0	371	0	0	0	0
Canyon Creek	61.9%	6,283	240	120	60	60	60	315	250
Hermosa	63.7%	63,012	0	0	0	0	0	0	0
Jordan Mesa	72.0%	39,956	2,184	3,396	5,215	3,588	5,617	0	0
Sapillo	77.7%	62,093	0	0	0	0	0	0	0
Animas/Cave Creek	78.0%	50,315	1,278	1,278	1,278	1,278	1,278	0	0
Rain Creek	83.7%	19,700	4,199	4,498	4,459	9,679	2,084	2,084	2,321
XSX	87.4%	22,275	0	0	0	0	0	0	0
Diamond Bar	89.2%	138,150	12,459	8,542	0	0	0	0	0
Mogollon Creek	80.0%	1,704	614	316	249	249	271	271	271
Indian Creek	92.5%	8,361	534	544	494	512	473	437	658
Davis Canyon	94.0%	8,140	1,398	1,398	1,186	583	1,001	1,046	1,306
Rough Canyon	97.0%	5,359	712	696	577	574	637	715	712
Willow Creek	100.0%	1,161	0	0	0	0	0	0	0
Wilderness	100.0%	300,751	0	0	0	0	0	0	0
Wilderness Unknowns	100.0%	0	0	0	0	0	0	0	0
Total AUMs Allotments									
>50% Wilderness			26,725	22,909	15,763	18,158	13,058	4,913	5,554
Total AUMs Allotments									
<50% Wilderness			45,833	40,688	40,971	30,817	27,876	25,185	23,853
Total AUMs Non-									
Wilderness Allotments			131,324	120,124	115,895	112,666	115,100	112,192	107,771
All Allotments with									
Wilderness			72,558	63,596	56,733	48,974	40,933	30,097	29,407
Total All			2,735,015	203,882	183,721	172,628	161,641	156,033	142,290

**Table 3. Eighteen Wilderness Allotments: AUMs of Grazing and Number Destocked, 1999-2007**

Year	AUMs	# Destocked
1999	4,913	11
2000	5,554	11
2001	5,529	10
2002	5,305	9
2003	4,675	10
2004	3,014	11
2005	5,165	11
2006	4,356	10
2007	15,710	5

## CONCLUSIONS

The Wilderness Act of 1964 legislatively designated areas that would be set aside as wilderness and subject to certain restrictions; however, its language required that grazing would be allowed to continue if it had existed prior to the passage of the Act itself. Congress went further in a series of reports and legislation, saying that improvements necessary for livestock production, as well as their maintenance, would be allowed. Mechanized maintenance would even be allowed on a site-specific basis under emergency conditions. McClaran's (1991) work on Arizona wilderness areas on the Coronado and Tonto National Forests determined that permitted AUMs actually increased for the period 1965 through 1984.

The New Mexico example on the oldest established wilderness areas in the country (Gila and Aldo Leopold Wilderness areas) displays a contrasting situation. Absolute numbers of authorized AUMs on wilderness allotments declined, and the rate of decline was definitely steeper on wilderness allotments than non-wilderness allotments in the same Gila National Forest. The 18 wilderness allotments' AUMs were reduced by 87%. The 95 non-wilderness allotments were reduced from 238,614 AUMs in 1928 to 116,081 AUMs in 2007, a 51% reduction. Eleven of the 18 wilderness allotments were totally destocked in 2000; another five allotments had fewer than 60 head year-round. The average number of AUMs of the 18 wilderness allotments was 4,814 for the period from 1999 through 2006. There were 400 cows on the whole wilderness, and at least half of the allotments were destocked.

The eight years prior to 2007 (1999 through 2006) had at least nine of the 18 allotments destocked.

The 92% rate of decrease in AUMs/acre was definitely steeper on the 18 wilderness allotments as compared to the 51% rate of decrease on the non-wilderness allotments for the period 1928 through 2006. The situation changed drastically in 2007 when half of the destocked allotments were restocked and AUMs increased by 260%. The adverse economic impacts to the counties, local communities, and to the allotment owners have been severe. The justifications behind such severe reductions are not ecologically or market-based.

The long-run range condition is difficult to determine without a more extensive monitoring protocol. The Palmer Drought Severity Index was used to approximate climatic conditions, and the higher the index number the higher the assumed forage production and vice-versa. The dry periods were not severe enough or long enough to justify the large reductions in AUMs, and numbers were further reduced during wet years.

Livestock producers could have voluntarily reduced livestock numbers during troughs in the price cycle, but would have restocked during the high price years of the cycle; this restocking did not substantially occur. Once the livestock were removed they never made it back to previous numbers in the Gila National Forest or the wilderness area. The AUM/acre reductions were definitely more severe on the wilderness allotments despite specific language in H.R. 101-405 Appendix A and the long line of congressional interpretations of the Wilderness Act of 1964.

## ACKNOWLEDGMENTS

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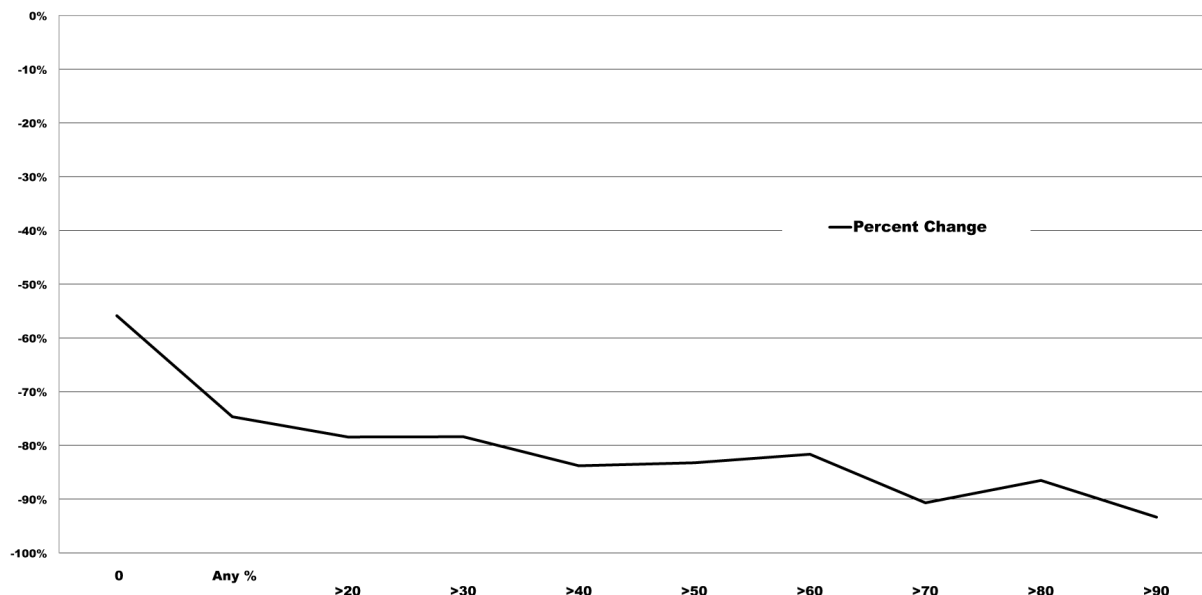
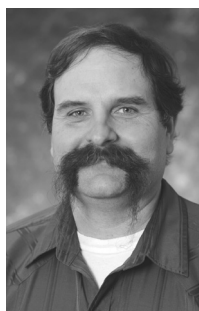


Figure 10. Percent change in AUMs/ac by percentage of wilderness in allotment, 1928–2007.

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# APPENDIX A: Animal Unit Months (AUMs) Gila National Forest 1928-2007

Allotment Name	% Wilderness	Acres	1928	1929	1930	1931	1932	1933	1934	1935
Fort Bayard	0.0%	15,409	0	0	0	0	0	0	0	0
NonWilderness Unk	0.0%	0	54,761	50,497	4,745	4,578	3,323	1,065	484	464
Big Horn	0.0%	293	0	0	0	0	0	0	0	0
Lower Plaza	0.0%	4,264	0	0	0	0	0	0	0	0
Shingle Canyon	0.0%	1,107	0	0	0	0	0	0	0	0
Govina	0.0%	37,151	0	0	0	0	0	0	0	0
Kelly	0.0%	23,455	0	0	0	0	0	0	0	0
Devils Park	0.0%	19,112	0	0	0	0	0	0	0	0
Martinez	0.0%	0	0	0	0	0	0	0	0	0
Shelton Canyon	0.0%	2,069	0	0	0	0	0	0	0	0
White Rocks	0.0%	6,228	0	0	0	0	0	0	0	0
Apache Canyon	0.0%	17,832	0	0	0	0	693	1,119	1,119	0
Cross V	0.0%	13,661	0	117	0	0	0	0	0	0
North Wahoo	0.0%	7,356	0	0	0	0	849	1,345	1,228	1,062
Eagle Peak	0.0%	26,120	249	718	0	0	0	0	0	0
V + T	0.0%	89,150	0	0	0	0	6,099	465	465	14,749
South Wahoo	0.0%	21,440	0	0	0	0	3,388	4,070	3,151	1,579
Deep Canyon	0.0%	23,523	0	0	0	0	0	0	0	0
Tennessee	0.0%	3,452	0	0	981	1,042	1,048	1,192	1,102	830
Legget	0.0%	30,961	0	0	0	0	0	0	0	0
Potholes	0.0%	7,432	3,096	2,652	3,515	1,839	1,934	1,625	2,164	314
Citizen	0.0%	21,145	0	1,610	1,699	1,870	4,097	1,647	2,338	0
Mogollon	0.0%	5,403	1,857	1,799	0	0	0	0	67	470
Black Bob	0.0%	27,683	1,094	950	0	0	0	0	0	0
Dark Canyon	0.0%	12,248	4,471	4,110	0	0	1,232	2,264	1,489	1,166
Walking X	0.0%	15,632	3,720	3,720	9,157	6,658	5,830	5,409	7,197	4,180
Silver Creek	0.0%	16,735	0	0	0	0	2,766	2,790	2,772	2,057
Winchester	0.0%	10,762	0	0	3,348	4,654	4,474	4,332	2,028	1,371
Pine Cienega	0.0%	7,845	0	0	0	0	0	0	1,884	1,151
SU	0.0%	5,032	0	0	0	0	0	0	0	0
Pleasanton	0.0%	28,393	2,118	3,264	2,650	3,181	6,510	8,710	6,270	4,869
White Signal	0.0%	20,176	8,149	6,267	4,929	5,792	5,691	6,591	4,152	2,827
HooDoo	0.0%	14,368	5,729	3,816	3,840	4,068	4,116	3,360	4,458	3,843
C-Bar	0.0%	13,136	3,720	3,720	3,720	3,720	3,660	3,340	3,234	2,466
Burro Mtn	0.0%	7,427	3,358	1,981	2,188	1,999	2,152	1,797	1,762	1,204
Poverty Creek	0.0%	3,710	662	902	0	0	717	919	1,000	675
Ferguson Mtn	0.0%	2,466	593	350	386	353	380	317	311	212
Little Rough	0.0%	2,584	0	0	0	0	0	0	0	0
Gallinas	0.0%	13,589	6,834	5,087	3,633	3,360	9,171	6,486	3,019	2,903
Copper Creek	0.0%	25,611	3,482	2,813	2,746	3,475	2,409	4,214	4,004	1,487
Walnut Creek	0.0%	31,593	3,188	4,297	7,364	8,186	7,323	8,690	7,172	4,009
Twin Sister	0.0%	12,460	3,074	3,100	3,722	2,106	0	0	0	648
Allie/Alvalanche	0.0%	18,131	2,702	2,828	6,601	6,185	5,933	6,659	5,630	4,159
Bear Creek	0.0%	16,184	960	240	2,603	3,341	3,393	4,071	3,320	2,423
East Canyon	0.0%	11,015	2,255	2,535	24	0	0	0	0	0
Sheppard	0.0%	18,224	0	0	6,219	5,412	5,478	5,062	5,118	3,407
Mud Springs/ Noonday	0.0%	11,857	0	0	2,196	2,197	2,400	2,400	2,400	2,205
Bullard Peak	0.0%	45,765	16,208	12,417	14,017	8,009	11,149	12,728	11,170	8,766
O bar O	0.0%	57,098	11,602	11,607	13,401	11,555	13,076	22,261	20,807	13,280
Negrito	0.0%	41,047	8,074	5,033	0	0	7,364	8,136	7,353	4,468
Mangus Valley	0.0%	17,801	7,224	9,236	4,857	4,913	5,104	5,470	5,782	4,763
Corner Mountain	0.0%	14,459	5,588	4,575	3,537	3,182	3,303	4,465	4,437	2,806
Y- Canyon	0.0%	52,879	5,578	5,580	6,443	5,555	6,286	10,702	10,003	6,385
Alma	0.0%	19,027	5,432	4,832	5,028	3,897	3,487	4,249	6,894	1,081
Long Canyon	0.0%	17,887	4,997	4,702	1,546	1,333	2,517	4,421	3,619	2,487
Mule Creek	0.0%	16,514	4,749	5,323	1,690	1,850	1,690	1,770	4,717	2,439
Ceder Break	0.0%	11,467	4,120	2,412	2,134	2,293	1,915	2,147	4,681	1,081
Gila River	0.0%	17,876	3,829	2,653	2,662	2,979	3,907	6,517	3,546	2,379
Blue Creek	0.0%	5,589	3,796	4,108	300	1,200	300	2,280	2,359	1,740
Black Range	0.0%	40,485	3,601	2,434	0	0	10,217	10,070	8,138	4,453
Roberts Park	0.0%	17,239	3,450	1,692	3,468	3,725	3,111	3,488	3,451	0
Frisco Plaza	0.0%	36,970	3,297	2,920	0	0	0	0	0	0
Berenda	0.0%	26,580	3,250	4,680	6,606	5,836	6,125	6,384	3,453	2,889
Mackey	0.0%	4,746	2,969	2,610	3,208	1,746	1,612	1,483	1,720	1,281

Allotment Name	% Wilderness	Acres	1928	1929	1930	1931	1932	1933	1934	1935
Torriete	0.0%	41,177	2,866	455	0	0	0	0	0	0
Deep Creek	0.0%	28,122	2,749	2,150	3,356	4,248	2,944	5,151	4,894	1,817
Deadman	0.0%	16,790	2,627	4,656	1,804	1,555	4,088	5,189	4,914	2,835
Yegus	0.0%	11,551	2,550	1,590	0	0	2,325	2,569	2,322	1,411
Dripping Springs	0.0%	590	2,400	2,400	0	384	0	0	384	288
Fierro	0.0%	11,026	2,255	2,535	2,638	2,044	1,879	2,060	1,706	1,460
Carrizo	0.0%	8,259	2,070	2,070	713	765	1,839	1,209	1,231	1,718
Cox Canyon	0.0%	18,855	1,814	5,267	0	0	3,964	3,734	3,598	1,783
Harden Cienega	0.0%	36,052	1,769	1,516	10,924	10,017	11,820	13,291	12,245	7,550
Schoolhouse	0.0%	4,837	1,453	1,453	1,393	1,486	1,533	1,634	1,751	1,294
Apache Creek	0.0%	5,310	1,200	1,200	1,910	2,147	1,877	1,427	1,570	1,216
Harve Gulch	0.0%	9,584	754	390	1,223	1,299	1,384	2,108	1,862	1,034
Wedgewood	0.0%	320	272	204	204	204	204	204	204	153
Alexander	0.0%	35,240	0	0	0	0	0	0	0	0
Cold / Hot Springs	0.0%	18,188	0	0	0	0	0	0	3,174	2,442
Silver City Watershed	0.0%	5,171	0	0	0	0	0	0	0	0
Silverdale	0.0%	4,111	0	0	199	199	209	225	540	551
Mimbres	1.4%	33,557	12,859	8,045	6,954	8,113	10,266	10,986	11,627	6,759
T Bar	4.8%	77,424	16,031	10,992	4,320	4,320	9,007	9,109	8,706	1,325
Black Mountain	5.6%	43,059	17,184	18,425	0	0	16,253	15,692	15,413	11,244
Couduroy	9.6%	61,197	9,926	7,513	0	0	6,034	7,242	8,119	5,148
Sacaton	14.3%	6,632	989	816	1,317	1,650	4,770	4,966	2,046	1,317
Taylor Creek	18.4%	42,592	0	0	0	0	3,252	3,074	4,028	2,801
Kingston	24.1%	25,357	8,087	7,415	8,601	8,806	8,223	8,762	8,944	7,824
Southfork	26.8%	36,566	5,890	11,075	0	0	6,127	3,133	4,796	2,897
N. Palomas	33.0%	15,199	1,787	732	962	1,800	1,923	1,947	2,126	1,484
Turkey Run	33.6%	19,604	40	38	0	0	3,804	3,748	3,123	1,598
Holt Gulch	36.5%	15,722	90	0	1,170	1,407	2,313	3,207	2,296	2,117
Cow Creek	37.6%	13,511	2,652	1,573	2,183	2,511	3,025	3,147	3,240	2,140
Reading Mtn	42.3%	17,509	3,077	3,055	1,138	1,463	1,475	1,544	1,730	827
Redstone	43.0%	66,831	8,698	3,491	6,443	7,304	10,540	11,330	12,802	9,009
Spar Canyon	45.1%	11,031	1,494	1,390	975	2,007	632	662	741	354
Brock Canyon	50.7%	10,118	981	916	0	0	0	0	0	0
Dry Creek	51.3%	44,467	9,796	8,512	11,471	5,892	6,014	5,297	6,919	1,565
Watson Mtn	57.4%	8,478	0	0	724	723	311	0	0	1,556
Powderhorn	57.6%	36,865	2,999	1,204	2,222	2,519	3,635	3,907	4,415	3,106
Canyon Creek	61.9%	6,283	0	0	0	0	0	0	0	0
Hermosa	63.7%	63,012	7,139	5,907	9,585	10,178	10,895	11,611	12,668	8,946
Jordan Mesa	72.0%	39,956	10,999	10,512	0	0	8,939	10,894	19,015	13,259
Sapillo	77.7%	62,093	10,497	4,213	7,776	8,816	12,721	13,674	15,451	10,872
Animas/Cave Creek	78.0%	50,315	4,384	4,246	4,666	5,003	4,964	5,417	5,125	4,171
Rain Creek	83.7%	19,700	3,434	3,412	6,453	6,042	5,598	4,829	4,656	2,468
XSX	87.4%	22,275	2,380	1,445	3,841	927	1,865	2,411	3,830	950
Diamond Bar	89.2%	138,150	1,500	602	22,441	23,429	25,187	27,603	28,616	18,931
Mogollon Creek	80.0%	1,704	327	305	1,173	1,051	919	691	715	556
Indian Creek	92.5%	8,361	0	0	0	0	0	0	0	0
Davis Canyon	94.0%	8,140	0	0	850	849	3,102	2,333	2,414	1,875
Rough Canyon	97.0%	5,359	545	509	2,199	1,970	1,724	1,296	1,341	1,042
Willow Creek	100.0%	1,161	1,056	572	0	0	4,553	572	0	1,454
Wilderness	100.0%	300,751	34,861	33,258	37,032	35,114	16,758	2,128	18,872	12,822
Wilderness Unknowns	100.0%	0	26,632	24,558	2,308	2,226	1,616	518	235	226
Total AUMs Allotments										
>50% Wilderness			117,529	100,169	112,741	104,740	108,800	93,181	124,272	83,798
Total AUMs Allotments										
<50% Wilderness			88,803	74,559	34,063	39,381	87,646	88,548	89,737	56,844
Total AUMs Non-										
Wilderness Allotments			238,614	220,070	169,529	156,436	210,296	235,310	221,863	152,578
All Allotments with										
Wilderness			206,332	174,728	146,805	144,121	196,446	181,729	214,009	140,642
Total All			2,735,015	444,946	394,799	316,333	300,556	406,741	417,039	435,872

Allotment Name	% Wilderness	Acres	1936	1937	1938	1939	1940	1941	1942	1943
Fort Bayard	0.0%	15,409	0	0	0	0	0	0	0	0
NonWilderness Unk	0.0%	0	593	518	0	0	1,268	0	1,493	1,508
Big Horn	0.0%	293	0	0	0	0	0	0	0	0
Lower Plaza	0.0%	4,264	0	0	0	0	0	0	0	0
Shingle Canyon	0.0%	1,107	0	0	0	0	0	0	0	0
Govina	0.0%	37,151	0	0	0	0	0	0	0	0
Kelly	0.0%	23,455	0	0	0	0	0	0	0	0
Devils Park	0.0%	19,112	0	0	0	0	0	0	0	0
Martinez	0.0%	0	0	0	0	0	0	0	0	0
Shelton Canyon	0.0%	2,069	0	0	0	0	0	0	0	0
White Rocks	0.0%	6,228	0	0	0	0	0	0	3,131	2,361
Apache Canyon	0.0%	17,832	0	0	0	0	0	0	0	0
Cross V	0.0%	13,661	0	0	0	0	0	0	0	0
North Wahoo	0.0%	7,356	1,303	1,300	1,327	1,363	1,414	1,056	1,026	1,101
Eagle Peak	0.0%	26,120	0	0	0	0	0	0	0	0
V + T	0.0%	89,150	7,799	17,602	13,315	40,201	13,067	12,996	13,202	10,820
South Wahoo	0.0%	21,440	3,133	2,594	3,095	1,793	1,433	2,627	1,611	1,445
Deep Canyon	0.0%	23,523	0	0	0	0	0	0	0	0
Tennessee	0.0%	3,452	1,016	1,011	990	960	960	960	768	816
Legget	0.0%	30,961	0	0	0	0	0	0	0	0
Potholes	0.0%	7,432	499	1,829	1,793	1,966	1,660	1,973	1,912	1,831
Citizen	0.0%	21,145	4,258	3,825	112	5,503	5,350	4,849	4,482	3,739
Mogollon	0.0%	5,403	234	284	304	214	250	352	328	399
Black Bob	0.0%	27,683	0	0	0	0	0	0	0	0
Dark Canyon	0.0%	12,248	1,984	1,841	1,859	1,640	1,630	0	0	0
Walking X	0.0%	15,632	4,843	4,335	3,502	3,278	3,467	3,263	3,004	2,504
Silver Creek	0.0%	16,735	1,350	2,382	2,382	2,382	1,350	1,596	1,950	1,280
Winchester	0.0%	10,762	1,700	1,716	2,161	1,377	1,344	1,364	1,332	1,332
Pine Cienega	0.0%	7,845	1,913	1,246	1,203	1,339	1,735	1,757	1,687	4,982
SU	0.0%	5,032	0	0	0	0	0	0	0	0
Pleasanton	0.0%	28,393	6,086	4,892	5,374	5,375	5,562	6,047	4,774	6,225
White Signal	0.0%	20,176	5,395	3,625	3,750	3,291	3,300	3,450	3,185	250
HooDoo	0.0%	14,368	1,680	3,330	4,860	3,030	2,877	2,970	5,427	3,144
C-Bar	0.0%	13,136	3,288	3,036	3,144	3,144	2,772	2,674	2,802	2,583
Burro Mtn	0.0%	7,427	1,637	1,659	2,252	2,175	2,399	2,135	2,316	2,690
Poverty Creek	0.0%	3,710	934	827	205	320	401	493	513	760
Ferguson Mtn	0.0%	2,466	289	293	397	384	423	377	409	475
Little Rough	0.0%	2,584	0	0	0	0	0	0	0	0
Gallinas	0.0%	13,589	2,280	2,070	2,070	1,965	1,800	1,964	1,967	1,996
Copper Creek	0.0%	25,611	2,749	2,751	2,680	2,298	1,541	1,330	1,458	1,710
Walnut Creek	0.0%	31,593	5,153	4,565	3,815	5,835	3,838	4,087	3,765	4,359
Twin Sister	0.0%	12,460	2,251	1,116	1,741	1,635	1,650	1,627	1,553	1,849
Allie/Alvalanche	0.0%	18,131	3,274	3,772	3,773	3,799	3,914	3,976	3,940	4,804
Bear Creek	0.0%	16,184	3,373	3,042	2,930	2,986	2,801	2,728	2,434	2,900
East Canyon	0.0%	11,015	0	0	0	0	0	0	0	0
Sheppard	0.0%	18,224	4,530	4,515	4,695	3,936	4,334	4,255	4,334	4,216
Mud Springs/ Noonday	0.0%	11,857	3,015	2,802	2,640	3,260	2,592	2,484	2,224	2,575
Bullard Peak	0.0%	45,765	21,417	10,482	8,029	8,032	6,450	5,420	4,802	5,467
O bar O	0.0%	57,098	21,976	21,958	13,742	22,695	13,126	12,905	12,872	14,227
Negrito	0.0%	41,047	5,395	5,426	3,789	7,941	5,545	5,291	4,036	6,707
Mangus Valley	0.0%	17,801	5,192	4,911	4,691	4,577	4,561	4,629	4,901	5,269
Corner Mountain	0.0%	14,459	5,833	5,545	4,081	5,681	3,834	3,732	3,725	3,815
Y- Canyon	0.0%	52,879	10,565	10,557	6,607	10,911	6,311	6,205	6,188	6,840
Alma	0.0%	19,027	2,814	2,340	2,187	1,749	1,624	4,336	3,309	3,704
Long Canyon	0.0%	17,887	4,777	4,688	3,755	4,610	2,848	1,489	1,485	1,642
Mule Creek	0.0%	16,514	2,630	2,665	1,497	3,664	4,241	2,376	2,215	2,524
Ceder Break	0.0%	11,467	2,666	2,256	2,088	1,709	1,524	2,150	1,722	2,049
Gila River	0.0%	17,876	2,417	1,677	3,835	3,698	3,925	3,194	3,351	3,730
Blue Creek	0.0%	5,589	1,970	1,727	1,501	2,083	2,474	2,013	1,838	2,310
Black Range	0.0%	40,485	2,060	3,718	4,554	4,885	4,864	4,877	4,779	1,332
Roberts Park	0.0%	17,239	1,926	1,098	1,288	519	1,305	0	3,490	4,146
Frisco Plaza	0.0%	36,970	0	0	0	0	0	0	0	0
Berenda	0.0%	26,580	1,767	4,402	1,140	3,594	4,702	800	1,528	4,132
Mackey	0.0%	4,746	1,368	1,738	1,829	1,649	1,613	1,441	1,331	968

Allotment Name	% Wilderness	Acres	1936	1937	1938	1939	1940	1941	1942	1943
Torriete	0.0%	41,177	0	0	0	0	0	0	0	0
Deep Creek	0.0%	28,122	3,359	3,363	3,275	2,809	1,884	1,626	1,782	2,090
Deadman	0.0%	16,790	6,275	6,609	4,249	4,618	3,487	3,468	3,486	3,648
Yegus	0.0%	11,551	1,704	1,713	1,196	2,508	1,751	1,671	1,275	2,118
Dripping Springs	0.0%	590	384	144	146	195	180	193	144	144
Fierro	0.0%	11,026	2,065	1,936	1,837	2,080	2,328	2,466	2,245	1,563
Carrizo	0.0%	8,259	1,971	488	763	3,150	3,768	0	4,437	4,482
Cox Canyon	0.0%	18,855	5,647	8,602	6,466	2,661	2,930	2,947	2,986	2,951
Harden Cienega	0.0%	36,052	6,863	7,730	8,539	8,212	1,265	8,687	9,788	9,114
Schoolhouse	0.0%	4,837	1,373	1,126	1,075	1,049	1,045	1,068	1,131	1,216
Apache Creek	0.0%	5,310	1,054	1,053	1,138	1,010	805	730	961	1,184
Harve Gulch	0.0%	9,584	1,239	1,328	1,426	938	566	759	927	1,228
Wedgewood	0.0%	320	204	204	204	204	0	0	0	0
Alexander	0.0%	35,240	0	0	0	0	0	0	0	0
Cold / Hot Springs	0.0%	18,188	4,222	5,258	5,503	5,245	3,926	3,572	3,547	3,382
Silver City Watershed	0.0%	5,171	0	0	0	0	0	0	0	0
Silverdale	0.0%	4,111	529	593	1,002	1,002	803	650	943	573
Mimbres	1.4%	33,557	8,730	8,813	6,851	7,040	7,294	7,463	6,858	7,919
T Bar	4.8%	77,424	8,780	6,477	9,550	6,715	5,894	5,625	5,625	4,858
Black Mountain	5.6%	43,059	13,097	9,323	0	5,796	8,181	7,301	9,500	8,842
Couduroy	9.6%	61,197	6,002	6,080	5,303	5,474	4,968	5,539	4,310	4,543
Sacaton	14.3%	6,632	1,558	959	726	1,329	1,385	1,193	941	929
Taylor Creek	18.4%	42,592	2,038	2,536	1,879	2,048	2,308	2,503	2,887	4,238
Kingston	24.1%	25,357	8,968	8,386	7,107	6,377	5,554	6,613	6,702	6,428
Southfork	26.8%	36,566	4,558	3,438	3,663	3,453	3,558	3,582	3,582	2,698
N. Palomas	33.0%	15,199	1,855	1,923	1,923	1,791	1,777	1,790	1,685	2,296
Turkey Run	33.6%	19,604	584	1,614	2,189	2,713	2,774	2,817	2,724	46
Holt Gulch	36.5%	15,722	2,652	2,473	2,676	2,265	2,248	2,375	2,877	2,764
Cow Creek	37.6%	13,511	3,712	3,320	3,073	3,179	3,324	3,460	3,085	3,239
Reading Mtn	42.3%	17,509	1,869	3,290	3,182	3,139	3,004	3,254	2,555	2,338
Redstone	43.0%	66,831	10,162	9,535	6,299	6,371	7,421	7,672	6,284	7,041
Spar Canyon	45.1%	11,031	319	0	1,425	1,380	1,380	1,380	1,380	2,016
Brock Canyon	50.7%	10,118	0	0	0	0	0	0	0	0
Dry Creek	51.3%	44,467	2,022	6,499	6,586	7,024	5,836	6,872	6,675	6,434
Watson Mtn	57.4%	8,478	1,498	1,047	1,061	1,112	1,292	1,599	1,720	1,842
Powderhorn	57.6%	36,865	3,504	3,288	2,172	2,197	2,559	2,646	2,167	2,428
Canyon Creek	61.9%	6,283	0	0	0	1,302	629	714	819	1,026
Hermosa	63.7%	63,012	12,637	12,152	11,874	10,276	10,558	9,742	7,101	7,131
Jordan Mesa	72.0%	39,956	16,549	16,177	9,837	7,775	1,467	3,213	1,104	1,304
Sapillo	77.7%	62,093	14,797	18,171	14,631	7,689	15,674	18,039	14,617	16,612
Animas/Cave Creek	78.0%	50,315	2,566	2,316	4,991	5,515	5,560	4,815	3,390	5,586
Rain Creek	83.7%	19,700	3,155	2,552	2,564	2,594	2,806	3,066	3,423	3,534
XSX	87.4%	22,275	1,298	1,583	1,929	2,039	3,047	2,031	2,299	2,586
Diamond Bar	89.2%	138,150	23,742	22,547	15,110	21,647	15,055	1,323	1,083	10,365
Mogollon Creek	80.0%	1,704	521	364	369	387	449	556	598	641
Indian Creek	92.5%	8,361	0	0	1,316	1,181	1,424	1,659	1,680	2,004
Davis Canyon	94.0%	8,140	1,759	1,229	1,246	1,305	1,517	1,877	2,019	2,162
Rough Canyon	97.0%	5,359	977	683	692	725	843	1,043	1,122	1,201
Willow Creek	100.0%	1,161	891	696	0	0	572	572	572	572
Wilderness	100.0%	300,751	12,041	13,460	10,886	9,354	9,781	7,832	8,553	11,524
Wilderness Unknowns	100.0%	0	289	252	0	0	616	0	726	733
Total AUMs Allotments										
>50% Wilderness			98,246	103,015	85,262	82,124	79,685	67,599	59,669	77,685
Total AUMs Allotments										
<50% Wilderness			74,884	68,168	55,845	59,069	61,070	62,567	60,994	60,193
Total AUMs Non-										
Wilderness Allotments			208,220	208,112	177,800	229,127	168,818	162,082	172,251	177,211
All Allotments with										
Wilderness			173,129	171,183	141,107	141,193	140,756	130,166	120,662	137,879
Total All			2,735,015	381,350	379,295	318,907	370,320	309,573	292,247	315,090

Allotment Name	% Wilderness	Acres	1944	1945	1946	1947	1948	1949	1950	1951
Fort Bayard	0.0%	15,409	0	0	0	0	0	0	0	0
NonWilderness Unk	0.0%	0	0	0	0	0	0	3,568	2,320	2,251
Big Horn	0.0%	293	0	0	0	0	0	0	0	0
Lower Plaza	0.0%	4,264	0	0	0	0	0	0	0	0
Shingle Canyon	0.0%	1,107	0	0	0	0	0	0	0	0
Govina	0.0%	37,151	0	0	0	0	0	1,164	1,796	1,593
Kelly	0.0%	23,455	0	0	0	0	0	2,550	2,750	2,488
Devils Park	0.0%	19,112	0	0	0	0	0	2,774	3,156	3,466
Martinez	0.0%	0	0	0	0	0	0	211	201	237
Shelton Canyon	0.0%	2,069	0	0	324	368	344	395	363	300
White Rocks	0.0%	6,228	3,191	2,483	1,560	2,591	2,160	2,684	2,788	2,660
Apache Canyon	0.0%	17,832	0	0	0	0	0	312	451	448
Cross V	0.0%	13,661	0	0	0	0	0	0	174	231
North Wahoo	0.0%	7,356	1,115	1,026	584	273	659	730	355	529
Eagle Peak	0.0%	26,120	0	0	0	0	0	2,090	2,667	2,411
V + T	0.0%	89,150	8,651	8,666	10,249	10,364	7,503	9,630	9,600	4,713
South Wahoo	0.0%	21,440	2,344	1,653	2,675	2,298	1,451	1,931	1,776	2,551
Deep Canyon	0.0%	23,523	0	0	0	0	0	3,392	3,671	3,792
Tennesse	0.0%	3,452	1,038	612	912	912	912	912	664	711
Legget	0.0%	30,961	0	0	0	0	0	834	1,224	1,344
Potholes	0.0%	7,432	980	1,392	1,326	1,415	798	776	1,428	1,224
Citizen	0.0%	21,145	4,601	4,132	3,667	3,216	3,212	2,290	2,800	2,495
Mogollon	0.0%	5,403	381	506	520	493	505	478	458	468
Black Bob	0.0%	27,683	0	0	0	0	0	2,399	2,444	2,766
Dark Canyon	0.0%	12,248	0	0	0	0	0	1,854	1,566	1,025
Walking X	0.0%	15,632	3,031	3,708	3,448	2,506	2,229	2,276	3,178	2,921
Silver Creek	0.0%	16,735	897	722	973	969	662	1,482	1,500	193
Winchester	0.0%	10,762	1,502	1,425	1,572	1,446	1,034	564	596	1,278
Pine Cienega	0.0%	7,845	2,291	1,805	2,117	2,557	2,120	2,128	1,800	1,800
SU	0.0%	5,032	0	0	0	0	0	477	398	591
Pleasanton	0.0%	28,393	5,204	4,224	5,491	6,333	4,839	4,690	5,302	4,810
White Signal	0.0%	20,176	1,171	2,545	2,130	2,241	2,142	1,906	2,243	1,990
HooDoo	0.0%	14,368	3,363	2,643	2,814	2,442	2,527	2,950	2,393	2,776
C-Bar	0.0%	13,136	2,340	2,232	1,811	2,146	2,252	2,496	2,464	2,025
Burro Mtn	0.0%	7,427	2,124	2,315	2,437	1,183	1,038	949	940	1,028
Poverty Creek	0.0%	3,710	783	852	610	516	855	858	855	732
Ferguson Mtn	0.0%	2,466	375	409	430	209	183	168	166	181
Little Rough	0.0%	2,584	0	0	0	0	0	0	0	0
Gallinas	0.0%	13,589	2,013	1,970	1,984	1,694	1,630	1,440	1,524	1,560
Copper Creek	0.0%	25,611	2,341	2,229	1,002	606	1,366	1,638	436	656
Walnut Creek	0.0%	31,593	4,638	3,872	2,197	2,112	2,031	2,197	2,818	2,562
Twin Sister	0.0%	12,460	1,975	1,976	1,325	1,470	1,076	1,144	422	461
Allie/Alvalanche	0.0%	18,131	5,371	4,417	4,028	2,930	3,374	3,513	3,202	2,804
Bear Creek	0.0%	16,184	3,290	1,773	2,360	2,237	1,943	5,828	5,609	5,331
East Canyon	0.0%	11,015	0	3,223	3,376	3,038	2,974	3,200	3,038	2,182
Sheppard	0.0%	18,224	3,936	4,596	4,041	4,436	4,290	3,627	3,722	3,077
Mud Springs/ Noonday	0.0%	11,857	2,356	2,190	2,330	2,278	1,562	1,368	1,498	1,868
Bullard Peak	0.0%	45,765	5,281	5,281	5,242	6,710	5,039	5,787	7,013	5,370
O bar O	0.0%	57,098	14,388	4,303	13,118	11,859	13,221	11,771	11,689	12,221
Negrito	0.0%	41,047	5,588	6,310	6,749	6,677	5,199	8,688	3,326	2,601
Mangus Valley	0.0%	17,801	4,824	4,867	4,384	2,876	6,867	6,070	3,904	3,340
Corner Mountain	0.0%	14,459	4,150	1,854	2,171	3,103	2,905	1,887	1,747	1,541
Y- Canyon	0.0%	52,879	6,917	2,069	6,333	5,725	6,383	5,682	5,643	5,900
Alma	0.0%	19,027	3,673	4,000	3,967	3,474	2,444	2,786	2,993	2,516
Long Canyon	0.0%	17,887	1,660	497	1,583	1,431	1,596	2,513	2,446	2,410
Mule Creek	0.0%	16,514	2,228	2,486	2,191	2,224	2,615	2,570	2,334	2,053
Ceder Break	0.0%	11,467	1,987	2,163	2,103	1,809	1,402	538	484	408
Gila River	0.0%	17,876	3,635	4,081	3,768	2,993	4,187	3,932	2,989	2,852
Blue Creek	0.0%	5,589	1,915	1,740	1,591	1,456	1,484	754	3,243	1,191
Black Range	0.0%	40,485	3,579	3,817	2,801	2,813	2,743	3,214	3,494	3,798
Roberts Park	0.0%	17,239	3,746	4,149	4,221	5,567	5,571	3,966	3,963	4,792
Frisco Plaza	0.0%	36,970	0	0	0	0	0	2,943	2,935	2,463
Berenda	0.0%	26,580	2,343	3,850	2,876	2,217	1,752	1,491	2,526	1,627
Mackey	0.0%	4,746	1,390	1,396	1,404	1,377	1,260	768	1,212	1,274



Allotment Name	% Wilderness	Acres	1944	1945	1946	1947	1948	1949	1950	1951
Torriete	0.0%	41,177	0	0	0	0	0	7,462	7,549	7,617
Deep Creek	0.0%	28,122	2,861	2,724	1,225	741	1,670	2,002	533	801
Deadman	0.0%	16,790	4,287	1,785	2,935	2,805	2,983	2,870	2,791	2,872
Yegus	0.0%	11,551	1,765	1,993	2,131	2,108	1,642	2,744	1,050	822
Dripping Springs	0.0%	590	144	144	144	144	144	144	144	144
Fierro	0.0%	11,026	2,096	1,331	1,761	77	0	0	362	302
Carrizo	0.0%	8,259	1,884	876	1,275	1,863	1,809	0	1,440	2,160
Cox Canyon	0.0%	18,855	4,002	2,053	1,916	1,991	1,974	2,122	2,007	2,020
Harden Cienega	0.0%	36,052	10,523	11,798	9,383	10,136	3,740	3,923	4,014	3,433
Schoolhouse	0.0%	4,837	1,113	1,123	1,012	664	1,585	1,401	901	771
Apache Creek	0.0%	5,310	1,164	1,024	624	596	624	826	168	541
Harve Gulch	0.0%	9,584	1,378	1,101	1,163	1,143	849	948	1,100	1,157
Wedgewood	0.0%	320	0	0	0	0	48	48	47	47
Alexander	0.0%	35,240	0	0	0	0	0	6,008	6,022	3,800
Cold / Hot Springs	0.0%	18,188	3,493	3,387	3,512	3,528	3,796	3,426	1,975	2,986
Silver City Watershed	0.0%	5,171	0	0	0	0	0	0	0	0
Silverdale	0.0%	4,111	685	621	720	660	456	492	532	234
Mimbres	1.4%	33,557	8,850	4,682	1,788	2,076	3,327	4,746	5,639	6,610
T Bar	4.8%	77,424	6,223	4,618	4,901	8,996	8,295	3,816	3,670	2,866
Black Mountain	5.6%	43,059	8,966	11,436	9,297	8,028	10,861	7,380	6,439	4,364
Couduroy	9.6%	61,197	5,484	6,156	8,952	3,390	5,169	4,709	4,560	3,623
Sacaton	14.3%	6,632	869	929	1,058	944	869	803	893	893
Taylor Creek	18.4%	42,592	4,987	4,085	4,061	1,313	1,626	1,722	1,980	2,430
Kingston	24.1%	25,357	6,383	6,184	6,692	6,174	5,463	4,870	4,399	4,842
Southfork	26.8%	36,566	3,777	1,830	1,259	1,428	2,663	2,169	2,276	2,830
N. Palomas	33.0%	15,199	1,777	1,973	1,983	1,638	2,673	1,390	1,728	1,692
Turkey Run	33.6%	19,604	579	421	1,505	655	783	929	1,128	1,070
Holt Gulch	36.5%	15,722	1,881	2,079	1,886	2,449	2,052	1,845	1,816	1,895
Cow Creek	37.6%	13,511	3,378	2,949	126	134	133	247	1,070	827
Reading Mtn	42.3%	17,509	2,096	2,909	2,633	2,016	1,688	2,790	900	1,800
Redstone	43.0%	66,831	7,434	5,874	1,712	5,478	5,662	6,548	7,652	7,876
Spar Canyon	45.1%	11,031	1,980	2,034	2,086	2,081	2,064	2,079	2,075	2,087
Brock Canyon	50.7%	10,118	0	0	0	0	0	0	0	0
Dry Creek	51.3%	44,467	3,872	3,886	4,381	5,156	6,046	6,613	5,916	5,136
Watson Mtn	57.4%	8,478	1,808	1,853	1,523	1,514	1,312	1,099	1,027	1,164
Powderhorn	57.6%	36,865	2,564	2,025	77	2,161	2,773	2,647	1,406	1,297
Canyon Creek	61.9%	6,283	702	867	1,118	1,188	1,277	1,413	1,371	1,339
Hermosa	63.7%	63,012	7,813	8,001	4,270	2,633	5,245	7,608	6,120	5,643
Jordan Mesa	72.0%	39,956	1,346	1,590	1,952	1,611	2,411	2,365	2,239	3,506
Sapillo	77.7%	62,093	18,178	13,641	7,906	2,131	9,565	7,193	9,330	9,973
Animas/Cave Creek	78.0%	50,315	4,540	4,540	4,540	4,730	4,650	4,050	4,044	3,720
Rain Creek	83.7%	19,700	3,589	3,769	3,270	3,652	2,685	2,903	3,165	3,717
XSX	87.4%	22,275	2,244	2,858	2,935	2,690	2,148	2,166	2,454	2,341
Diamond Bar	89.2%	138,150	18,676	19,043	17,661	19,863	20,241	14,565	12,622	16,314
Mogollon Creek	80.0%	1,704	629	644	530	527	456	382	357	405
Indian Creek	92.5%	8,361	2,038	1,878	1,810	1,775	1,737	2,068	1,945	1,994
Davis Canyon	94.0%	8,140	2,123	2,175	1,788	1,777	1,540	1,290	1,206	1,367
Rough Canyon	97.0%	5,359	1,179	1,208	993	987	856	717	670	759
Willow Creek	100.0%	1,161	572	572	1,091	1,187	805	1,033	1,120	441
Wilderness	100.0%	300,751	14,279	13,289	14,543	17,831	15,813	12,667	12,054	8,632
Wilderness Unknowns	100.0%	0	0	0	0	0	0	1,735	1,129	1,095
Total AUMs Allotments										
>50% Wilderness			86,151	81,839	70,387	71,413	79,559	72,514	68,175	68,843
Total AUMs Allotments										
<50% Wilderness			64,667	58,160	49,938	46,801	53,326	46,042	46,226	45,705
Total AUMs Non-										
Wilderness Allotments			173,998	152,416	160,595	154,044	143,657	185,647	179,331	164,589
All Allotments with										
Wilderness			150,819	139,999	120,325	118,214	132,885	118,557	114,401	114,548
Total All			2,735,015	324,817	292,415	280,920	272,258	276,542	304,204	293,732

Allotment Name	% Wilderness	Acres	1952	1953	1954	1955	1956	1957	1958	1959
Fort Bayard	0.0%	15,409	0	0	0	0	0	0	0	0
NonWilderness Unk	0.0%	0	3,134	3,203	3,204	3,154	3,245	1,418	0	0
Big Horn	0.0%	293	0	0	0	0	0	0	0	0
Lower Plaza	0.0%	4,264	0	0	0	0	0	0	0	0
Shingle Canyon	0.0%	1,107	0	0	90	318	327	148	0	240
Govina	0.0%	37,151	183	2,174	2,383	2,518	1,753	2,245	2,570	2,805
Kelly	0.0%	23,455	2,696	2,575	2,524	2,121	3,084	2,890	2,514	2,619
Devils Park	0.0%	19,112	3,646	3,394	3,798	3,372	3,402	2,982	2,749	3,170
Martinez	0.0%	0	271	261	261	261	261	261	234	234
Shelton Canyon	0.0%	2,069	378	277	280	270	255	255	261	255
White Rocks	0.0%	6,228	96	135	1,394	3,364	9,644	2,647	2,196	2,232
Apache Canyon	0.0%	17,832	479	470	220	220	220	220	437	516
Cross V	0.0%	13,661	1,008	1,400	1,556	1,420	1,372	1,536	1,684	1,220
North Wahoo	0.0%	7,356	816	816	816	852	876	864	864	864
Eagle Peak	0.0%	26,120	2,640	2,772	2,618	2,923	2,918	2,772	2,889	3,337
V + T	0.0%	89,150	5,944	8,982	9,607	9,624	9,600	9,600	9,864	9,720
South Wahoo	0.0%	21,440	2,627	2,029	1,804	1,734	1,288	2,485	2,562	2,606
Deep Canyon	0.0%	23,523	4,582	4,576	4,378	4,326	4,455	4,599	4,674	4,744
Tennesse	0.0%	3,452	875	904	666	674	808	753	714	803
Legget	0.0%	30,961	1,781	2,153	2,327	1,802	2,184	1,740	1,352	2,338
Potholes	0.0%	7,432	1,172	1,358	950	852	791	997	1,160	1,400
Citizen	0.0%	21,145	3,132	2,745	4,113	2,963	3,641	3,774	3,617	4,944
Mogollon	0.0%	5,403	1,048	684	803	859	837	750	835	553
Black Bob	0.0%	27,683	2,538	2,712	2,447	2,430	2,166	2,478	2,415	1,836
Dark Canyon	0.0%	12,248	816	809	762	696	0	0	0	173
Walking X	0.0%	15,632	2,723	2,812	2,494	2,681	2,792	2,556	2,445	2,225
Silver Creek	0.0%	16,735	1,284	974	1,260	1,281	1,281	1,284	1,281	1,223
Winchester	0.0%	10,762	1,250	1,266	1,208	1,041	1,464	1,476	1,272	102
Pine Cienega	0.0%	7,845	1,836	1,860	1,483	1,800	1,494	1,800	1,800	1,848
SU	0.0%	5,032	606	600	569	633	564	79	97	561
Pleasanton	0.0%	28,393	5,894	5,866	5,464	5,050	6,050	7,650	6,179	5,718
White Signal	0.0%	20,176	1,331	1,230	1,082	1,030	2,237	2,089	2,177	2,829
HooDoo	0.0%	14,368	2,772	2,754	2,700	2,823	2,790	2,934	2,556	2,616
C-Bar	0.0%	13,136	2,198	2,200	1,896	1,848	1,908	2,004	1,923	1,420
Burro Mtn	0.0%	7,427	1,022	552	600	600	642	580	607	597
Poverty Creek	0.0%	3,710	240	684	702	762	828	840	852	840
Ferguson Mtn	0.0%	2,466	180	54	0	0	0	0	128	240
Little Rough	0.0%	2,584	0	0	0	0	0	0	0	0
Gallinas	0.0%	13,589	1,539	1,641	1,533	1,422	1,581	1,614	1,692	1,665
Copper Creek	0.0%	25,611	689	898	1,220	1,490	1,542	1,451	1,041	896
Walnut Creek	0.0%	31,593	1,925	2,498	2,265	1,830	1,800	1,435	1,500	1,620
Twin Sister	0.0%	12,460	807	732	417	732	732	732	732	732
Allie/Alvalanche	0.0%	18,131	3,089	2,415	2,332	2,396	2,372	2,728	2,771	2,925
Bear Creek	0.0%	16,184	1,857	1,992	0	0	2,032	1,726	2,219	2,007
East Canyon	0.0%	11,015	2,002	2,246	1,940	2,124	2,241	2,171	2,218	2,160
Sheppard	0.0%	18,224	3,600	1,247	1,132	2,844	3,297	2,427	2,610	2,970
Mud Springs/ Noonday	0.0%	11,857	1,815	1,830	1,854	1,972	2,025	2,028	2,097	2,076
Bullard Peak	0.0%	45,765	5,268	5,741	5,090	5,932	6,993	6,048	6,958	7,300
O bar O	0.0%	57,098	12,221	12,626	13,032	13,597	13,548	5,235	6,389	9,399
Negrito	0.0%	41,047	2,782	2,956	2,959	3,049	2,906	2,780	3,098	3,273
Mangus Valley	0.0%	17,801	3,411	2,133	1,837	1,700	1,673	1,739	1,739	1,728
Corner Mountain	0.0%	14,459	993	1,060	1,105	1,658	1,211	1,141	1,226	1,197
Y- Canyon	0.0%	52,879	5,900	6,095	6,291	6,564	6,541	2,527	3,084	4,538
Alma	0.0%	19,027	3,453	3,482	3,919	4,454	5,585	5,114	4,132	3,696
Long Canyon	0.0%	17,887	2,123	2,596	3,242	2,014	1,948	1,128	1,668	2,142
Mule Creek	0.0%	16,514	2,182	2,191	2,268	2,156	2,137	2,838	2,364	2,208
Ceder Break	0.0%	11,467	410	557	1,422	1,498	1,812	1,612	1,836	1,836
Gila River	0.0%	17,876	2,793	3,522	3,017	3,168	2,884	2,682	2,970	2,247
Blue Creek	0.0%	5,589	1,734	1,409	1,226	1,126	1,050	1,603	1,682	1,740
Black Range	0.0%	40,485	2,905	3,867	2,797	2,776	2,552	3,003	3,816	3,729
Roberts Park	0.0%	17,239	4,401	4,217	4,450	4,455	3,026	4,688	3,269	4,176
Frisco Plaza	0.0%	36,970	3,796	2,682	2,613	2,958	3,009	2,785	3,015	3,018
Berenda	0.0%	26,580	2,924	809	3,780	4,140	4,116	4,061	4,072	4,061
Mackey	0.0%	4,746	1,201	1,386	1,290	1,386	1,416	1,368	1,368	1,368

Allotment Name	% Wilderness	Acres	1952	1953	1954	1955	1956	1957	1958	1959
Torriete	0.0%	41,177	2,539	1,421	2,157	2,850	3,081	2,307	2,986	2,214
Deep Creek	0.0%	28,122	842	1,097	1,492	1,822	1,885	1,773	1,902	2,501
Deadman	0.0%	16,790	2,775	2,739	2,718	2,072	2,117	1,043	1,535	1,889
Yegus	0.0%	11,551	879	934	935	963	918	878	978	1,033
Dripping Springs	0.0%	590	144	144	0	72	108	132	135	140
Fierro	0.0%	11,026	804	1,438	1,676	1,790	1,744	1,760	1,368	1,552
Carrizo	0.0%	8,259	1,572	1,560	1,350	1,350	1,343	909	1,157	1,492
Cox Canyon	0.0%	18,855	1,855	2,076	1,910	2,114	475	0	275	275
Harden Cienega	0.0%	36,052	3,105	4,504	60	72	0	0	10,080	11,489
Schoolhouse	0.0%	4,837	787	1,305	1,183	1,231	1,191	1,137	1,265	1,211
Apache Creek	0.0%	5,310	769	800	400	800	800	800	800	800
Harve Gulch	0.0%	9,584	1,092	1,096	1,095	1,020	1,141	936	1,055	1,025
Wedgewood	0.0%	320	0	0	47	0	47	47	47	47
Alexander	0.0%	35,240	4,908	2,245	4,698	4,621	4,419	4,843	4,694	5,087
Cold / Hot Springs	0.0%	18,188	3,421	3,735	3,799	4,008	4,059	2,716	2,844	3,176
Silver City Watershed	0.0%	5,171	0	0	0	0	0	0	0	0
Silverdale	0.0%	4,111	546	558	306	408	720	734	866	392
Mimbres	1.4%	33,557	7,088	8,704	8,750	9,409	6,590	6,012	6,704	6,640
T Bar	4.8%	77,424	9,236	11,181	3,500	5,725	7,683	7,526	8,005	8,842
Black Mountain	5.6%	43,059	8,740	7,920	7,920	7,920	6,950	2,625	6,974	7,684
Couduroy	9.6%	61,197	1,992	2,371	3,195	4,210	2,488	1,770	654	1,672
Sacaton	14.3%	6,632	731	850	1,036	1,135	986	914	870	840
Taylor Creek	18.4%	42,592	3,111	3,580	4,094	4,452	3,584	3,748	3,935	4,135
Kingston	24.1%	25,357	3,960	4,770	4,637	3,778	3,878	3,925	4,366	2,666
Southfork	26.8%	36,566	2,136	2,496	2,926	2,988	2,988	2,472	2,964	2,964
N. Palomas	33.0%	15,199	1,404	1,326	1,398	1,674	1,728	1,584	1,728	1,728
Turkey Run	33.6%	19,604	1,023	1,168	1,622	1,351	1,411	1,556	1,395	1,215
Holt Gulch	36.5%	15,722	1,874	1,886	2,014	3,249	1,773	1,529	1,562	1,829
Cow Creek	37.6%	13,511	0	662	784	998	900	916	204	508
Reading Mtn	42.3%	17,509	1,848	1,848	1,248	1,800	1,800	1,848	1,848	1,848
Redstone	43.0%	66,831	6,429	8,831	7,190	7,110	7,683	7,617	7,125	7,415
Spar Canyon	45.1%	11,031	1,980	1,980	1,600	1,380	1,380	1,089	1,378	1,380
Brock Canyon	50.7%	10,118	1,432	1,366	1,248	1,244	1,201	1,271	1,197	1,263
Dry Creek	51.3%	44,467	3,583	3,839	3,450	3,644	3,934	3,726	3,480	3,655
Watson Mtn	57.4%	8,478	1,058	1,302	1,158	1,146	1,119	1,281	1,175	1,215
Powderhorn	57.6%	36,865	2,177	1,971	1,563	1,279	3,308	4,128	2,244	4,055
Canyon Creek	61.9%	6,283	1,363	1,466	974	1,142	1,180	1,276	1,154	1,139
Hermosa	63.7%	63,012	7,992	5,870	5,432	3,833	5,550	5,520	5,553	5,622
Jordan Mesa	72.0%	39,956	2,598	3,420	3,160	3,749	4,222	3,773	4,773	4,365
Sapillo	77.7%	62,093	9,695	14,366	2,864	7,919	4,990	6,637	7,021	6,735
Animas/Cave Creek	78.0%	50,315	1,536	1,884	2,280	2,772	2,916	3,468	3,492	3,516
Rain Creek	83.7%	19,700	2,270	2,493	2,076	2,372	3,416	2,210	3,559	2,439
XSX	87.4%	22,275	3,204	4,935	3,874	3,727	2,428	880	3,100	4,100
Diamond Bar	89.2%	138,150	17,468	19,179	20,066	23,192	21,187	18,902	21,179	14,799
Mogollon Creek	80.0%	1,704	269	270	270	270	270	270	255	350
Indian Creek	92.5%	8,361	1,645	1,787	1,698	1,664	1,756	1,547	1,699	1,652
Davis Canyon	94.0%	8,140	1,414	1,414	1,192	1,008	1,260	804	817	817
Rough Canyon	97.0%	5,359	872	991	996	882	999	922	788	1,440
Willow Creek	100.0%	1,161	429	235	237	429	0	0	0	0
Wilderness	100.0%	300,751	2,778	176	179	179	0	0	0	0
Wilderness Unknowns	100.0%	0	1,524	1,557	1,558	1,534	1,578	690	0	0
Total AUMs Allotments										
>50% Wilderness			63,306	68,521	54,274	61,984	61,313	57,305	61,485	57,161
Total AUMs Allotments										
<50% Wilderness			51,551	59,574	51,914	57,180	51,821	45,131	49,711	51,366
Total AUMs Non-										
Wilderness Allotments			163,054	163,756	163,315	168,935	179,250	155,383	166,461	175,852
All Allotments with										
Wilderness			114,858	128,095	106,188	119,164	113,135	102,436	111,197	108,527
Total All			2,735,015	277,912	291,851	269,502	288,098	292,385	257,819	277,658

Allotment Name	% Wilderness	Acres	1960	1961	1962	1963	1964	1965	1966	1967
Fort Bayard	0.0%	15,409	0	0	0	0	0	0	0	0
NonWilderness Unk	0.0%	0	0	0	0	0	0	0	0	0
Big Horn	0.0%	293	0	0	0	0	0	0	0	0
Lower Plaza	0.0%	4,264	0	100	100	173	100	174	348	348
Shingle Canyon	0.0%	1,107	239	239	239	240	240	240	240	240
Govina	0.0%	37,151	2,550	2,594	2,557	2,267	2,574	2,510	2,496	2,475
Kelly	0.0%	23,455	2,617	2,594	2,623	2,658	2,448	1,390	1,368	1,320
Devils Park	0.0%	19,112	3,430	3,430	3,137	2,862	2,868	2,868	2,868	2,868
Martinez	0.0%	0	234	234	234	234	234	234	234	234
Shelton Canyon	0.0%	2,069	240	240	267	267	267	267	228	243
White Rocks	0.0%	6,228	2,232	2,235	2,250	2,250	2,220	2,176	2,220	2,220
Apache Canyon	0.0%	17,832	558	546	345	345	305	408	260	842
Cross V	0.0%	13,661	1,286	1,433	1,239	1,311	1,210	1,365	1,014	1,251
North Wahoo	0.0%	7,356	876	876	876	876	876	876	876	845
Eagle Peak	0.0%	26,120	3,729	3,517	3,428	3,033	3,063	2,958	2,947	2,444
V + T	0.0%	89,150	9,750	9,750	9,750	9,750	9,750	9,750	9,720	9,720
South Wahoo	0.0%	21,440	1,427	1,797	1,112	598	1,163	2,470	2,138	1,431
Deep Canyon	0.0%	23,523	4,838	4,621	4,228	4,139	4,154	4,268	4,313	4,595
Tennessee	0.0%	3,452	759	735	731	797	797	797	750	800
Legget	0.0%	30,961	2,581	1,160	988	2,460	2,244	414	498	408
Potholes	0.0%	7,432	1,414	1,530	1,317	1,440	1,236	1,421	1,426	1,385
Citizen	0.0%	21,145	4,742	5,645	5,830	5,708	5,838	4,964	4,656	5,117
Mogollon	0.0%	5,403	864	878	828	855	867	864	883	879
Black Bob	0.0%	27,683	2,395	2,518	2,664	2,540	2,524	2,586	2,538	2,595
Dark Canyon	0.0%	12,248	462	462	577	497	497	497	497	407
Walking X	0.0%	15,632	2,967	2,976	2,785	2,976	2,961	2,985	2,885	3,509
Silver Creek	0.0%	16,735	1,361	1,227	1,359	1,347	695	1,211	1,950	788
Winchester	0.0%	10,762	989	1,092	1,200	1,200	1,230	1,230	1,230	1,230
Pine Cienega	0.0%	7,845	1,860	1,860	1,860	1,860	1,860	1,860	1,860	1,860
SU	0.0%	5,032	593	528	480	536	555	546	483	540
Pleasanton	0.0%	28,393	3,952	6,188	5,770	5,873	6,326	6,531	6,491	6,442
White Signal	0.0%	20,176	2,934	2,812	2,862	3,507	3,561	3,576	3,591	3,591
HooDoo	0.0%	14,368	2,439	2,316	2,280	1,280	2,280	2,310	2,305	2,310
C-Bar	0.0%	13,136	1,646	1,855	1,698	2,178	3,579	2,160	1,939	840
Burro Mtn	0.0%	7,427	597	600	600	600	600	600	608	773
Poverty Creek	0.0%	3,710	570	876	936	930	894	894	900	918
Ferguson Mtn	0.0%	2,466	240	240	240	240	240	240	240	240
Little Rough	0.0%	2,584	0	0	0	0	0	0	0	0
Gallinas	0.0%	13,589	1,728	1,602	1,899	1,971	2,007	1,956	1,956	1,929
Copper Creek	0.0%	25,611	870	890	1,119	1,129	1,230	1,230	1,252	1,185
Walnut Creek	0.0%	31,593	2,220	2,215	2,215	1,310	1,435	740	2,415	2,220
Twin Sister	0.0%	12,460	417	732	525	735	735	735	700	700
Allie/Alvalanche	0.0%	18,131	2,925	3,013	2,838	2,920	3,054	2,806	2,907	2,907
Bear Creek	0.0%	16,184	2,152	2,032	2,137	2,280	2,280	2,280	2,280	2,280
East Canyon	0.0%	11,015	2,254	2,248	1,923	2,031	2,175	2,175	1,988	2,175
Sheppard	0.0%	18,224	3,402	3,275	3,405	3,358	3,420	3,510	3,450	3,450
Mud Springs/ Noonday	0.0%	11,857	2,094	2,118	2,133	2,220	2,214	1,965	1,887	2,079
Bullard Peak	0.0%	45,765	7,434	7,477	7,562	7,749	9,676	9,676	8,724	8,724
O bar O	0.0%	57,098	7,830	7,112	6,299	6,299	6,299	4,813	9,091	6,695
Negrito	0.0%	41,047	4,280	4,192	4,539	4,441	4,535	4,404	4,434	4,434
Mangus Valley	0.0%	17,801	1,739	1,676	1,737	1,695	1,739	3,873	3,258	3,252
Corner Mountain	0.0%	14,459	1,158	1,158	1,158	1,140	1,145	1,158	1,158	1,053
Y- Canyon	0.0%	52,879	3,780	3,434	3,041	3,041	3,041	2,323	4,389	3,232
Alma	0.0%	19,027	3,708	3,197	3,099	3,436	3,532	3,582	3,622	3,690
Long Canyon	0.0%	17,887	2,466	2,379	2,560	2,595	2,605	2,384	2,942	2,638
Mule Creek	0.0%	16,514	2,490	2,557	2,476	2,434	2,468	2,501	2,411	2,475
Ceder Break	0.0%	11,467	1,860	1,244	1,905	1,907	1,587	1,815	1,815	1,815
Gila River	0.0%	17,876	3,333	3,328	3,377	3,459	3,444	3,452	2,836	2,821
Blue Creek	0.0%	5,589	1,740	1,740	1,740	1,740	1,740	1,740	1,740	1,740
Black Range	0.0%	40,485	3,750	3,750	3,780	3,740	3,750	3,750	3,750	3,750
Roberts Park	0.0%	17,239	3,989	3,905	4,243	4,316	4,478	4,108	4,396	4,225
Frisco Plaza	0.0%	36,970	3,056	2,761	2,963	3,072	3,018	2,889	2,889	2,320
Berenda	0.0%	26,580	4,051	3,366	4,110	4,087	4,110	4,110	4,110	4,020
Mackey	0.0%	4,746	1,428	1,368	1,368	1,368	1,368	1,368	1,368	1,368

Allotment Name	% Wilderness	Acres	1960	1961	1962	1963	1964	1965	1966	1967
Torriete	0.0%	41,177	2,721	2,548	2,436	2,683	2,805	3,153	2,669	1,077
Deep Creek	0.0%	28,122	2,130	2,406	2,610	2,574	2,823	2,610	2,610	2,460
Deadman	0.0%	16,790	1,586	1,812	1,916	2,027	2,211	2,068	2,658	2,255
Yegus	0.0%	11,551	1,352	1,324	1,433	1,403	1,432	1,598	1,614	1,614
Dripping Springs	0.0%	590	140	140	140	140	144	140	144	144
Fierro	0.0%	11,026	1,526	1,427	1,590	1,590	1,698	1,770	1,770	1,770
Carrizo	0.0%	8,259	0	200	597	2,142	2,142	1,073	1,473	2,148
Cox Canyon	0.0%	18,855	669	809	933	1,065	1,260	1,200	1,200	1,200
Harden Cienega	0.0%	36,052	10,115	12,233	10,486	10,138	9,969	9,986	9,948	9,903
Schoolhouse	0.0%	4,837	1,329	1,323	1,377	1,434	1,444	1,936	1,072	1,071
Apache Creek	0.0%	5,310	800	800	850	850	850	744	838	917
Harve Gulch	0.0%	9,584	981	986	1,015	980	1,135	1,142	1,108	1,100
Wedgewood	0.0%	320	47	23	23	47	47	47	47	47
Alexander	0.0%	35,240	5,232	4,905	4,854	4,752	5,073	4,803	4,821	4,504
Cold / Hot Springs	0.0%	18,188	4,974	3,201	3,669	3,783	3,822	3,822	4,014	3,468
Silver City Watershed	0.0%	5,171	0	0	0	0	0	0	0	0
Silverdale	0.0%	4,111	923	871	878	873	875	893	696	696
Mimbres	1.4%	33,557	7,164	6,942	7,170	6,666	7,566	7,710	7,605	7,710
T Bar	4.8%	77,424	8,918	6,925	12,075	11,002	5,535	10,063	10,063	11,563
Black Mountain	5.6%	43,059	6,399	6,769	7,369	7,386	6,951	7,386	6,635	6,176
Couduroy	9.6%	61,197	3,990	4,098	5,415	5,415	5,262	4,701	4,678	5,940
Sacaton	14.3%	6,632	840	953	929	836	840	840	836	836
Taylor Creek	18.4%	42,592	4,410	4,504	4,390	4,514	4,572	4,456	4,325	4,325
Kingston	24.1%	25,357	4,794	2,492	2,909	2,904	2,748	2,664	2,874	2,874
Southfork	26.8%	36,566	2,982	2,982	2,982	2,982	2,982	2,982	2,982	2,982
N. Palomas	33.0%	15,199	1,746	1,650	1,737	1,740	1,740	1,737	1,692	1,653
Turkey Run	33.6%	19,604	1,197	1,180	1,247	1,091	1,203	1,239	1,123	1,215
Holt Gulch	36.5%	15,722	1,887	1,904	1,926	1,800	1,860	1,905	1,860	1,035
Cow Creek	37.6%	13,511	892	834	990	990	990	990	990	990
Reading Mtn	42.3%	17,509	1,860	1,800	1,800	1,400	1,800	1,800	1,800	1,800
Redstone	43.0%	66,831	7,464	7,289	7,350	7,667	7,350	7,350	7,365	7,365
Spar Canyon	45.1%	11,031	1,380	1,680	1,980	1,980	1,980	1,980	1,980	1,869
Brock Canyon	50.7%	10,118	1,305	1,450	1,474	1,473	1,531	1,534	1,430	1,370
Dry Creek	51.3%	44,467	3,220	3,450	3,759	3,789	3,432	3,435	3,469	3,487
Watson Mtn	57.4%	8,478	992	1,252	1,260	1,267	1,395	1,535	1,083	515
Powderhorn	57.6%	36,865	3,611	4,211	4,376	4,452	4,623	4,623	4,563	4,593
Canyon Creek	61.9%	6,283	1,064	1,207	1,201	1,098	1,254	1,251	1,239	1,239
Hermosa	63.7%	63,012	5,584	5,584	4,200	4,200	4,200	4,200	4,200	4,200
Jordan Mesa	72.0%	39,956	4,733	4,800	4,764	4,968	4,962	4,950	4,962	4,950
Sapillo	77.7%	62,093	9,846	7,738	7,242	8,186	8,213	8,108	8,822	8,611
Animas/Cave Creek	78.0%	50,315	3,642	3,642	1,871	1,695	0	1,269	1,320	1,320
Rain Creek	83.7%	19,700	2,198	2,334	2,361	1,887	2,162	2,489	2,545	2,467
XSX	87.4%	22,275	2,962	1,785	1,875	2,433	2,177	2,307	2,964	3,104
Diamond Bar	89.2%	138,150	19,167	16,714	18,090	3,312	5,534	9,224	10,950	13,236
Mogollon Creek	80.0%	1,704	250	180	270	315	270	315	315	190
Indian Creek	92.5%	8,361	1,738	1,608	1,852	1,801	1,756	1,804	1,768	1,720
Davis Canyon	94.0%	8,140	699	900	1,096	1,158	1,174	1,319	1,394	1,413
Rough Canyon	97.0%	5,359	981	456	921	1,056	1,080	620	631	1,122
Willow Creek	100.0%	1,161	0	0	0	0	0	0	0	0
Wilderness	100.0%	300,751	0	0	0	0	0	0	0	0
Wilderness Unknowns	100.0%	0	0	0	0	0	0	0	0	0
Total AUMs Allotments										
>50% Wilderness			61,993	57,312	56,612	43,090	43,764	48,982	51,655	53,538
Total AUMs Allotments										
<50% Wilderness			55,924	52,002	60,268	58,372	53,378	57,802	56,808	58,332
Total AUMs Non-										
Wilderness Allotments			178,050	177,479	176,344	178,777	185,069	179,964	185,448	177,257
All Allotments with										
Wilderness			117,916	109,314	116,880	101,463	97,142	106,785	108,463	111,870
Total All			2,735,015	295,966	286,792	293,224	280,240	282,212	286,748	293,911



Allotment Name	% Wilderness	Acres	1968	1969	1970	1971	1972	1973	1974	1975
Fort Bayard	0.0%	15,409	0	0	0	0	0	0	0	0
NonWilderness Unk	0.0%	0	0	0	0	0	0	0	0	0
Big Horn	0.0%	293	0	0	23	12	30	33	41	41
Lower Plaza	0.0%	4,264	173	173	173	173	173	173	0	406
Shingle Canyon	0.0%	1,107	240	240	240	240	240	240	240	240
Govina	0.0%	37,151	2,531	2,427	2,491	2,520	2,520	2,520	0	2,735
Kelly	0.0%	23,455	1,350	1,326	1,722	1,688	1,690	1,661	1,738	1,729
Devils Park	0.0%	19,112	2,868	2,868	2,892	2,892	2,820	2,510	2,576	2,174
Martinez	0.0%	0	234	234	234	234	234	204	0	222
Shelton Canyon	0.0%	2,069	228	228	228	228	228	228	228	228
White Rocks	0.0%	6,228	2,220	2,220	1,970	2,105	0	0	636	792
Apache Canyon	0.0%	17,832	758	1,546	1,054	1,079	1,066	1,056	869	1,595
Cross V	0.0%	13,661	1,070	3,324	1,674	1,674	1,646	1,625	1,223	2,783
North Wahoo	0.0%	7,356	876	876	864	864	864	864	876	864
Eagle Peak	0.0%	26,120	2,493	2,558	2,347	2,093	1,747	1,641	2,208	2,594
V + T	0.0%	89,150	9,720	9,180	9,600	9,600	8,814	8,447	9,600	9,600
South Wahoo	0.0%	21,440	2,100	1,500	1,500	2,100	1,520	1,937	2,260	1,885
Deep Canyon	0.0%	23,523	4,600	4,538	4,119	4,276	4,036	4,235	4,539	4,211
Tennesse	0.0%	3,452	797	840	670	723	645	697	797	1,393
Legget	0.0%	30,961	651	708	2,139	2,445	2,423	2,397	0	2,352
Potholes	0.0%	7,432	1,416	1,408	1,391	1,424	1,280	1,424	1,436	1,408
Citizen	0.0%	21,145	5,929	5,160	5,105	5,045	5,175	5,092	5,192	5,068
Mogollon	0.0%	5,403	879	879	882	846	891	783	891	891
Black Bob	0.0%	27,683	2,529	2,544	2,544	2,568	2,552	2,216	1,080	2,700
Dark Canyon	0.0%	12,248	417	417	417	451	417	1,692	1,008	417
Walking X	0.0%	15,632	2,981	2,985	2,889	2,630	1,431	414	1,926	2,472
Silver Creek	0.0%	16,735	895	1,800	895	595	400	614	600	1,800
Winchester	0.0%	10,762	1,230	1,230	1,224	1,224	1,224	1,224	1,230	1,224
Pine Cienega	0.0%	7,845	1,845	1,875	1,848	1,848	1,848	1,848	1,860	1,848
SU	0.0%	5,032	570	570	552	564	564	564	18	582
Pleasanton	0.0%	28,393	6,423	6,216	5,978	6,088	5,946	6,069	6,295	7,158
White Signal	0.0%	20,176	3,591	3,591	3,582	3,348	2,268	1,800	1,800	3,312
HooDoo	0.0%	14,368	2,310	2,310	2,304	2,304	2,304	2,304	2,310	2,340
C-Bar	0.0%	13,136	840	840	816	1,056	1,056	1,056	1,140	1,116
Burro Mtn	0.0%	7,427	578	450	773	578	765	600	450	195
Poverty Creek	0.0%	3,710	918	918	828	1,020	690	842	838	801
Ferguson Mtn	0.0%	2,466	240	131	240	240	240	0	0	0
Little Rough	0.0%	2,584	0	0	0	0	0	0	0	0
Gallinas	0.0%	13,589	198	2,772	1,887	1,905	1,908	1,911	1,962	2,747
Copper Creek	0.0%	25,611	1,185	1,185	1,164	1,164	1,164	1,164	1,185	1,164
Walnut Creek	0.0%	31,593	2,220	2,220	2,220	2,220	2,220	317	205	312
Twin Sister	0.0%	12,460	735	735	735	808	735	788	679	735
Allie/Alvalanche	0.0%	18,131	2,877	2,877	2,844	2,856	2,856	2,808	2,847	2,808
Bear Creek	0.0%	16,184	2,280	2,280	2,280	2,280	0	350	869	380
East Canyon	0.0%	11,015	2,175	1,707	1,884	1,836	1,560	1,560	1,872	2,100
Sheppard	0.0%	18,224	3,071	3,390	3,204	3,078	3,009	291	2,324	3,103
Mud Springs/ Noonday	0.0%	11,857	2,145	1,815	2,040	1,737	1,743	1,893	2,037	1,166
Bullard Peak	0.0%	45,765	8,724	8,724	8,700	8,300	6,420	8,124	8,154	8,124
O bar O	0.0%	57,098	8,046	5,220	5,243	5,318	4,833	5,063	0	5,520
Negrito	0.0%	41,047	4,434	4,434	4,220	4,158	4,028	4,275	0	4,200
Mangus Valley	0.0%	17,801	3,282	3,282	3,252	3,252	3,192	3,252	3,282	3,132
Corner Mountain	0.0%	14,459	1,104	1,104	1,197	1,197	1,189	1,197	1,290	1,197
Y- Canyon	0.0%	52,879	3,884	5,947	5,950	5,948	6,038	5,099	0	5,920
Alma	0.0%	19,027	3,690	3,690	3,672	3,672	3,672	3,672	3,675	3,378
Long Canyon	0.0%	17,887	2,801	1,841	1,836	1,836	1,836	1,860	0	1,836
Mule Creek	0.0%	16,514	2,490	2,470	2,497	2,520	2,521	2,429	2,423	2,423
Ceder Break	0.0%	11,467	1,815	1,815	1,860	1,860	1,860	1,860	1,890	1,860
Gila River	0.0%	17,876	2,952	2,964	3,108	3,125	3,069	3,010	2,663	2,593
Blue Creek	0.0%	5,589	1,740	1,740	1,740	1,740	1,740	1,740	1,740	1,740
Black Range	0.0%	40,485	3,750	3,750	3,720	3,720	3,720	3,720	3,600	3,600
Roberts Park	0.0%	17,239	4,525	4,631	4,418	4,079	3,999	4,344	4,650	4,770
Frisco Plaza	0.0%	36,970	1,476	1,572	1,520	1,556	1,524	1,556	2,049	2,121
Berenda	0.0%	26,580	4,020	4,020	4,020	123	4,020	4,020	4,020	2,877
Mackey	0.0%	4,746	1,368	1,080	1,080	1,080	1,080	1,080	1,080	1,080



Allotment Name	% Wilderness	Acres	1968	1969	1970	1971	1972	1973	1974	1975
Torriete	0.0%	41,177	921	2,860	1,440	1,440	1,416	1,399	1,052	2,395
Deep Creek	0.0%	28,122	2,460	2,460	240	415	183	1,695	1,335	1,578
Deadman	0.0%	16,790	2,442	1,314	1,320	1,332	1,332	1,356	1,359	1,315
Yegus	0.0%	11,551	1,614	1,614	1,416	1,416	1,572	1,572	0	1,524
Dripping Springs	0.0%	590	144	144	144	144	144	144	144	143
Fierro	0.0%	11,026	1,770	1,770	1,752	1,752	1,152	1,152	1,170	1,752
Carrizo	0.0%	8,259	1,756	2,148	1,830	2,160	1,092	2,184	150	2,019
Cox Canyon	0.0%	18,855	1,200	1,200	1,188	1,188	1,188	1,188	1,200	1,188
Harden Cienega	0.0%	36,052	10,147	9,496	9,482	10,580	10,198	10,145	10,491	9,225
Schoolhouse	0.0%	4,837	697	534	594	608	563	514	230	230
Apache Creek	0.0%	5,310	688	688	922	912	803	807	1,253	803
Harve Gulch	0.0%	9,584	1,087	1,039	1,030	1,102	959	1,054	993	833
Wedgewood	0.0%	320	47	47	23	47	47	47	23	47
Alexander	0.0%	35,240	4,481	4,440	4,533	4,343	4,066	4,438	4,491	3,992
Cold / Hot Springs	0.0%	18,188	3,741	3,765	3,758	3,130	3,630	3,969	3,660	3,586
Silver City Watershed	0.0%	5,171	0	0	0	0	0	0	0	0
Silverdale	0.0%	4,111	681	681	681	681	681	681	681	636
Mimbres	1.4%	33,557	7,710	7,710	7,680	7,680	7,680	7,680	7,710	7,680
T Bar	4.8%	77,424	11,563	11,563	8,663	8,625	9,012	0	0	8,663
Black Mountain	5.6%	43,059	6,206	2,412	7,338	7,368	2,153	6,660	6,638	6,623
Couduroy	9.6%	61,197	5,768	4,316	5,121	4,800	2,735	5,303	6,532	7,022
Sacaton	14.3%	6,632	836	836	836	836	716	0	836	327
Taylor Creek	18.4%	42,592	3,675	3,680	3,788	3,833	1,635	1,971	2,463	2,478
Kingston	24.1%	25,357	2,874	2,751	3,120	4,161	4,020	4,246	4,341	4,161
Southfork	26.8%	36,566	2,982	2,586	2,841	2,892	2,892	2,892	2,892	2,892
N. Palomas	33.0%	15,199	1,593	1,608	1,690	1,689	1,716	1,716	1,716	1,704
Turkey Run	33.6%	19,604	1,161	987	1,123	1,257	1,104	891	1,162	1,257
Holt Gulch	36.5%	15,722	1,560	1,529	1,836	1,836	1,746	1,786	1,845	1,836
Cow Creek	37.6%	13,511	990	990	1,092	1,092	1,092	1,080	1,095	1,020
Reading Mtn	42.3%	17,509	1,800	1,800	1,800	1,800	1,800	1,800	0	900
Redstone	43.0%	66,831	7,365	6,150	2,340	5,220	4,110	7,260	7,275	7,320
Spar Canyon	45.1%	11,031	1,905	1,902	1,905	1,980	1,959	1,935	1,935	1,980
Brock Canyon	50.7%	10,118	948	870	838	949	1,005	1,272	1,237	1,331
Dry Creek	51.3%	44,467	3,427	3,337	3,375	3,447	1,995	1,928	2,396	2,544
Watson Mtn	57.4%	8,478	1,189	1,251	1,317	1,311	1,202	1,197	1,016	1,096
Powderhorn	57.6%	36,865	3,810	2,532	2,152	3,126	2,706	3,504	3,120	3,504
Canyon Creek	61.9%	6,283	1,239	1,239	1,224	1,224	1,251	1,179	680	1,230
Hermosa	63.7%	63,012	1,329	3,995	3,965	5,279	3,965	5,294	5,334	5,294
Jordan Mesa	72.0%	39,956	4,350	3,105	4,365	4,585	3,502	5,447	6,065	6,980
Sapillo	77.7%	62,093	2,858	2,616	7,305	8,940	13,692	10,453	9,462	9,816
Animas/Cave Creek	78.0%	50,315	393	863	1,035	1,380	1,035	1,380	1,380	1,380
Rain Creek	83.7%	19,700	2,455	2,455	2,490	2,490	2,396	2,472	2,711	2,294
XSX	87.4%	22,275	2,571	2,538	2,424	24	24	591	828	852
Diamond Bar	89.2%	138,150	1,769	7,137	5,506	5,765	6,081	9,406	11,934	12,834
Mogollon Creek	80.0%	1,704	0	525	312	263	263	209	432	210
Indian Creek	92.5%	8,361	1,727	1,173	1,493	1,406	1,392	1,451	0	1,351
Davis Canyon	94.0%	8,140	1,358	706	1,488	1,433	1,408	1,412	1,353	1,386
Rough Canyon	97.0%	5,359	1,179	1,027	1,188	1,212	984	804	774	804
Willow Creek	100.0%	1,161	0	0	0	0	0	0	0	0
Wilderness	100.0%	300,751	0	0	0	0	0	0	0	0
Wilderness Unknowns	100.0%	0	0	0	0	0	0	0	0	0
Total AUMs Allotments										
>50% Wilderness			30,601	35,369	40,476	42,835	42,902	47,998	48,721	52,907
Total AUMs Allotments										
<50% Wilderness			57,987	50,819	51,172	55,069	44,370	45,220	46,441	55,863
Total AUMs Non-										
Wilderness Allotments			177,359	179,574	172,849	169,389	158,708	158,735	138,633	171,326
All Allotments with										
Wilderness			88,588	86,189	91,649	97,904	87,273	93,217	95,162	108,770
Total All			2,735,015	265,947	265,763	264,497	245,981	251,952	233,795	280,096

Allotment Name	% Wilderness	Acres	1976	1977	1978	1979	1980	1981	1982	1983
Fort Bayard	0.0%	15,409	0	0	0	0	0	0	0	177
NonWilderness Unk	0.0%	0	0	0	0	0	0	0	0	0
Big Horn	0.0%	293	42	41	0	0	0	0	0	0
Lower Plaza	0.0%	4,264	173	145	169	225	170	0	0	0
Shingle Canyon	0.0%	1,107	287	960	320	312	320	317	525	333
Govina	0.0%	37,151	2,532	2,406	2,169	315	0	1,491	2,546	2,499
Kelly	0.0%	23,455	1,375	1,370	1,335	1,563	1,332	190	1,246	1,427
Devils Park	0.0%	19,112	1,848	1,836	1,776	2,070	1,785	0	536	1,357
Martinez	0.0%	0	208	179	224	37	0	0	0	0
Shelton Canyon	0.0%	2,069	228	228	226	262	226	0	226	226
White Rocks	0.0%	6,228	913	841	680	938	809	0	809	1,312
Apache Canyon	0.0%	17,832	1,213	1,203	1,289	1,390	0	0	0	0
Cross V	0.0%	13,661	1,964	1,940	2,126	2,344	1,352	0	1,964	1,954
North Wahoo	0.0%	7,356	864	864	720	994	857	0	809	530
Eagle Peak	0.0%	26,120	2,627	2,654	2,440	2,777	2,546	2,474	2,740	3,857
V + T	0.0%	89,150	9,600	9,660	9,637	9,421	8,303	6,050	8,037	7,935
South Wahoo	0.0%	21,440	1,500	1,975	333	1,569	2,052	1,973	1,737	1,760
Deep Canyon	0.0%	23,523	0	0	0	0	0	0	0	0
Tennesse	0.0%	3,452	989	797	1,590	1,098	975	967	952	952
Legget	0.0%	30,961	2,346	2,334	2,105	1,789	1,380	1,321	1,297	1,408
Potholes	0.0%	7,432	1,424	1,424	1,644	1,669	1,410	1,410	1,363	1,363
Citizen	0.0%	21,145	5,170	5,068	5,475	5,875	5,034	4,946	4,754	4,570
Mogollon	0.0%	5,403	891	819	437	731	452	23	0	0
Black Bob	0.0%	27,683	6,776	6,598	6,514	7,458	6,366	6,423	5,135	10,735
Dark Canyon	0.0%	12,248	417	417	417	348	348	348	348	0
Walking X	0.0%	15,632	2,514	2,514	2,000	2,911	2,451	2,451	2,380	2,380
Silver Creek	0.0%	16,735	595	600	419	1,200	1,200	0	0	0
Winchester	0.0%	10,762	1,224	1,224	1,210	1,408	1,190	1,190	907	1,066
Pine Cienega	0.0%	7,845	1,800	1,848	1,825	2,125	1,833	0	1,785	1,785
SU	0.0%	5,032	576	558	553	644	613	18	666	672
Pleasanton	0.0%	28,393	6,181	6,098	5,647	6,823	6,113	3,238	5,846	5,472
White Signal	0.0%	20,176	3,312	3,312	3,284	3,809	0	0	3,650	2,853
HooDoo	0.0%	14,368	2,280	2,340	2,261	2,622	2,321	2,529	2,502	3,376
C-Bar	0.0%	13,136	1,020	1,116	1,012	1,268	1,059	1,020	1,020	1,012
Burro Mtn	0.0%	7,427	578	290	921	668	440	745	743	440
Poverty Creek	0.0%	3,710	808	762	868	762	480	156	755	468
Ferguson Mtn	0.0%	2,466	0	0	0	0	238	225	217	237
Little Rough	0.0%	2,584	0	0	0	450	150	0	239	293
Gallinas	0.0%	13,589	2,304	1,594	2,732	3,019	474	2,180	2,228	1,291
Copper Creek	0.0%	25,611	1,164	1,011	942	1,001	1,035	952	952	952
Walnut Creek	0.0%	31,593	1,134	570	735	1,140	741	0	1,140	646
Twin Sister	0.0%	12,460	735	735	725	924	725	410	410	721
Allie/Alvalanche	0.0%	18,131	2,820	2,280	2,158	2,573	2,400	2,630	2,630	2,570
Bear Creek	0.0%	16,184	570	1,634	380	735	300	0	295	1,140
East Canyon	0.0%	11,015	2,148	2,100	2,133	2,484	0	0	1,975	3,903
Sheppard	0.0%	18,224	2,529	3,372	3,353	5,074	2,458	3,539	3,224	3,011
Mud Springs/ Noonday	0.0%	11,857	1,640	4,008	1,155	1,687	1,439	1,478	953	1,939
Bullard Peak	0.0%	45,765	8,004	8,332	6,226	4,969	304	5,498	3,181	7,219
O bar O	0.0%	57,098	5,520	5,508	5,397	6,097	6,038	0	5,416	5,192
Negrito	0.0%	41,047	4,151	3,979	4,220	4,901	4,236	4,248	4,227	4,234
Mangus Valley	0.0%	17,801	3,132	3,252	3,132	3,774	3,000	2,358	2,586	3,070
Corner Mountain	0.0%	14,459	1,197	1,066	1,133	1,278	1,095	828	1,104	972
Y- Canyon	0.0%	52,879	5,948	5,948	5,948	4,319	3,723	0	5,756	0
Alma	0.0%	19,027	3,561	3,660	3,600	4,170	3,582	3,571	3,589	3,522
Long Canyon	0.0%	17,887	1,800	1,580	1,623	1,476	1,785	1,785	2,715	1,920
Mule Creek	0.0%	16,514	2,472	2,465	2,472	298	3,732	1,936	3,849	4,272
Ceder Break	0.0%	11,467	1,740	1,860	1,826	2,139	1,737	1,586	1,586	1,726
Gila River	0.0%	17,876	1,460	3,264	2,374	2,391	1,700	2,668	847	2,043
Blue Creek	0.0%	5,589	1,740	1,740	1,726	2,001	1,726	1,726	1,726	1,726
Black Range	0.0%	40,485	3,600	3,487	3,570	4,140	3,570	3,393	3,570	6,208
Roberts Park	0.0%	17,239	4,523	4,674	4,739	5,578	4,374	4,637	4,225	4,305
Frisco Plaza	0.0%	36,970	2,088	1,963	2,029	2,359	1,856	1,892	1,892	2,138
Berenda	0.0%	26,580	4,020	1,781	1,999	2,318	1,999	1,999	1,999	1,999
Mackey	0.0%	4,746	1,080	1,080	1,071	1,254	1,071	1,059	1,071	1,071

Allotment Name	% Wilderness	Acres	1976	1977	1978	1979	1980	1981	1982	1983
Torriete	0.0%	41,177	1,690	1,670	1,830	2,017	3,720	4,121	2,610	2,393
Deep Creek	0.0%	28,122	2,497	1,984	1,914	1,684	0	1,930	2,502	1,859
Deadman	0.0%	16,790	1,308	577	1,134	898	916	922	922	972
Yegus	0.0%	11,551	1,572	1,476	1,371	846	1,448	1,441	1,501	1,511
Dripping Springs	0.0%	590	144	144	142	141	190	259	24	142
Fierro	0.0%	11,026	1,752	1,752	1,476	1,551	1,202	25	1,633	1,630
Carrizo	0.0%	8,259	230	134	710	1,096	0	372	680	443
Cox Canyon	0.0%	18,855	1,188	1,140	1,171	1,355	0	1,131	1,131	925
Harden Cienega	0.0%	36,052	9,036	9,318	8,789	10,435	9,387	9,126	8,873	8,855
Schoolhouse	0.0%	4,837	115	324	297	392	337	546	478	454
Apache Creek	0.0%	5,310	688	803	791	669	0	540	595	1,614
Harve Gulch	0.0%	9,584	847	764	936	983	856	0	940	940
Wedgewood	0.0%	320	62	23	23	47	47	47	47	47
Alexander	0.0%	35,240	3,227	1,950	2,158	618	1,249	1,511	1,678	2,112
Cold / Hot Springs	0.0%	18,188	3,694	3,426	2,976	3,524	0	1,904	3,186	4,658
Silver City Watershed	0.0%	5,171	0	0	0	450	150	0	239	293
Silverdale	0.0%	4,111	681	681	600	781	672	681	636	1,272
Mimbres	1.4%	33,557	7,680	7,680	7,597	11,231	6,228	10,360	7,689	7,443
T Bar	4.8%	77,424	8,648	20,700	9,563	9,563	11,250	0	8,583	10,271
Black Mountain	5.6%	43,059	11,232	8,155	12,218	8,407	9,045	0	9,445	6,861
Couduroy	9.6%	61,197	8,825	5,392	7,793	5,490	4,101	40	5,711	5,751
Sacaton	14.3%	6,632	635	946	1,302	309	2,141	1,490	992	993
Taylor Creek	18.4%	42,592	2,974	3,549	4,392	4,393	3,484	3,343	3,621	5,127
Kingston	24.1%	25,357	4,161	4,161	5,616	3,986	561	1,751	4,355	636
Southfork	26.8%	36,566	2,892	3,120	3,094	3,588	3,094	0	3,071	2,868
N. Palomas	33.0%	15,199	1,656	1,656	1,682	1,960	1,690	1,642	2,679	1,808
Turkey Run	33.6%	19,604	1,257	1,139	940	1,269	1,139	907	2,520	598
Holt Gulch	36.5%	15,722	1,836	0	1,623	2,133	1,839	1,845	1,777	1,650
Cow Creek	37.6%	13,511	1,020	215	893	904	1,113	809	955	1,597
Reading Mtn	42.3%	17,509	2,280	570	1,140	741	674	0	390	897
Redstone	43.0%	66,831	7,320	3,278	6,050	6,479	5,432	3,951	4,661	7,796
Spar Canyon	45.1%	11,031	1,980	1,980	1,964	2,277	1,964	0	1,488	1,488
Brock Canyon	50.7%	10,118	1,470	1,512	1,492	1,739	1,505	1,458	1,458	1,473
Dry Creek	51.3%	44,467	2,808	2,928	3,046	3,705	21	0	3,352	3,284
Watson Mtn	57.4%	8,478	1,530	1,530	1,508	1,760	1,517	1,956	1,101	1,464
Powderhorn	57.6%	36,865	3,096	4,422	380	0	0	1,657	3,459	2,415
Canyon Creek	61.9%	6,283	1,150	1,079	1,108	1,789	865	839	876	945
Hermosa	63.7%	63,012	5,294	5,294	5,840	6,483	4,629	591	2,961	2,748
Jordan Mesa	72.0%	39,956	5,873	4,900	5,216	6,682	282	1,075	6,598	1,254
Sapillo	77.7%	62,093	9,831	9,831	9,730	10,034	13,048	3,297	6,722	7,785
Animas/Cave Creek	78.0%	50,315	1,380	1,380	1,553	1,725	1,380	187	1,537	1,574
Rain Creek	83.7%	19,700	2,288	2,246	1,935	2,435	2,184	2,370	2,147	2,183
XSX	87.4%	22,275	1,005	1,258	1,470	2,196	1,833	0	0	0
Diamond Bar	89.2%	138,150	14,520	13,020	14,143	16,579	0	0	7,883	136
Mogollon Creek	80.0%	1,704	209	420	210	182	417	772	332	496
Indian Creek	92.5%	8,361	1,399	1,519	1,692	2,467	1,764	609	583	643
Davis Canyon	94.0%	8,140	1,406	1,297	2,274	1,565	1,096	811	885	1,089
Rough Canyon	97.0%	5,359	804	766	666	854	761	570	641	662
Willow Creek	100.0%	1,161	0	0	0	0	0	0	0	0
Wilderness	100.0%	300,751	0	0	0	0	0	0	0	0
Wilderness Unknowns	100.0%	0	0	0	0	0	0	0	0	0
Total AUMs Allotments >50% Wilderness			54,062	53,401	52,261	60,193	31,302	16,192	40,535	28,151
Total AUMs Allotments <50% Wilderness			64,396	62,540	65,865	62,729	53,755	26,138	57,936	55,783
Total AUMs Non-Wilderness Allotments			164,082	163,526	155,337	167,458	129,076	114,433	146,554	160,359
All Allotments with Wilderness			118,458	115,941	118,126	122,923	85,057	42,330	98,471	83,934
Total All			2,735,015	282,540	279,468	273,463	290,381	214,134	156,763	244,293

Allotment Name	% Wilderness	Acres	1984	1985	1986	1987	1988	1989	1990	1991
Fort Bayard	0.0%	15,409	397	417	833	411	271	0	0	0
NonWilderness Unk	0.0%	0	0	0	0	0	0	0	0	0
Big Horn	0.0%	293	0	0	0	0	0	0	0	0
Lower Plaza	0.0%	4,264	0	0	0	58	17	0	0	0
Shingle Canyon	0.0%	1,107	80	317	320	312	312	0	317	0
Govina	0.0%	37,151	2,178	2,154	2,499	619	0	2,067	0	0
Kelly	0.0%	23,455	1,545	1,297	1,267	1,282	1,267	704	1,226	1,648
Devils Park	0.0%	19,112	1,738	1,707	1,800	1,712	0	1,770	1,800	1,800
Martinez	0.0%	0	0	0	0	0	0	0	0	0
Shelton Canyon	0.0%	2,069	226	201	223	223	261	223	223	223
White Rocks	0.0%	6,228	2,434	809	809	772	321	511	825	690
Apache Canyon	0.0%	17,832	0	819	890	863	848	890	837	1,469
Cross V	0.0%	13,661	2,022	119	224	119	1,689	11	0	0
North Wahoo	0.0%	7,356	403	758	530	530	0	0	405	536
Eagle Peak	0.0%	26,120	4,084	2,122	4,235	2,374	2,087	2,068	1,865	1,790
V + T	0.0%	89,150	9,982	9,520	8,342	8,225	8,225	9,520	9,520	6,149
South Wahoo	0.0%	21,440	1,760	2,060	350	675	852	1,245	1,663	1,061
Deep Canyon	0.0%	23,523	5,882	2,849	2,246	1,607	1,012	1,190	1,190	1,190
Tennessee	0.0%	3,452	952	952	251	955	952	952	952	952
Legget	0.0%	30,961	1,917	1,917	2,075	2,035	2,195	2,149	1,662	1,824
Potholes	0.0%	7,432	1,368	1,363	1,345	1,350	1,350	1,350	1,653	1,346
Citizen	0.0%	21,145	5,016	5,432	4,529	5,194	9,459	4,516	4,486	4,719
Mogollon	0.0%	5,403	0	0	0	0	0	0	0	0
Black Bob	0.0%	27,683	2,758	2,786	2,758	2,824	2,820	2,699	2,727	2,593
Dark Canyon	0.0%	12,248	349	348	348	348	516	362	209	204
Walking X	0.0%	15,632	2,410	7,289	4,864	4,820	4,820	4,820	4,820	4,411
Silver Creek	0.0%	16,735	900	446	595	595	600	2,156	1,864	1,278
Winchester	0.0%	10,762	2,277	1,184	0	0	0	0	0	0
Pine Cienega	0.0%	7,845	1,785	1,785	1,785	1,785	1,785	1,785	1,785	1,785
SU	0.0%	5,032	672	650	655	655	655	655	655	655
Pleasanton	0.0%	28,393	7,682	6,120	6,055	6,142	5,810	6,169	3,863	3,633
White Signal	0.0%	20,176	2,380	2,797	360	2,498	1,773	1,687	1,888	1,309
HooDoo	0.0%	14,368	4,567	2,306	2,306	2,112	2,071	2,082	2,041	2,071
C-Bar	0.0%	13,136	1,012	1,012	893	893	915	907	929	915
Burro Mtn	0.0%	7,427	525	743	440	600	743	409	585	595
Poverty Creek	0.0%	3,710	480	0	270	329	868	238	412	738
Ferguson Mtn	0.0%	2,466	428	0	0	0	0	0	63	0
Little Rough	0.0%	2,584	310	293	381	317	317	320	318	295
Gallinas	0.0%	13,589	3,675	4,703	2,593	3,264	4,524	2,610	4,709	3,911
Copper Creek	0.0%	25,611	1,026	1,026	1,026	1,026	1,026	1,026	952	1,026
Walnut Creek	0.0%	31,593	469	1,176	646	469	1,134	741	310	1,140
Twin Sister	0.0%	12,460	721	1,138	934	747	2,513	734	820	510
Allie/Alvalanche	0.0%	18,131	2,809	2,823	2,823	2,823	3,049	3,061	3,046	3,061
Bear Creek	0.0%	16,184	652	469	1,140	652	469	1,051	741	374
East Canyon	0.0%	11,015	2,083	2,050	2,157	2,157	1,978	1,644	1,811	1,679
Sheppard	0.0%	18,224	2,811	2,704	2,838	2,811	2,811	2,811	2,811	2,994
Mud Springs/ Noonday	0.0%	11,857	1,506	1,037	1,897	1,669	600	1,532	829	568
Bullard Peak	0.0%	45,765	7,835	6,358	4,978	3,012	1,786	6,370	6,047	5,620
O bar O	0.0%	57,098	5,474	5,474	5,474	5,474	5,474	5,474	5,474	5,474
Negrito	0.0%	41,047	4,226	4,352	4,236	4,352	4,352	4,352	4,461	515
Mangus Valley	0.0%	17,801	2,343	2,610	2,367	2,215	2,248	2,168	1,998	3,132
Corner Mountain	0.0%	14,459	1,122	1,259	1,126	1,135	1,168	10	0	0
Y- Canyon	0.0%	52,879	5,273	583	2,227	6,220	2,607	614	0	0
Alma	0.0%	19,027	3,522	3,551	3,522	3,427	3,570	3,570	3,237	3,035
Long Canyon	0.0%	17,887	1,785	1,785	1,785	1,785	1,785	1,785	1,785	1,785
Mule Creek	0.0%	16,514	3,092	4,820	2,440	2,440	2,440	2,440	60	60
Ceder Break	0.0%	11,467	1,812	1,874	1,895	1,546	1,768	1,726	1,874	1,874
Gila River	0.0%	17,876	1,728	1,728	1,728	1,728	1,728	1,728	1,728	2,592
Blue Creek	0.0%	5,589	3,451	1,726	1,726	1,726	1,726	3,466	1,726	1,726
Black Range	0.0%	40,485	3,570	3,264	3,534	3,570	3,570	5,474	2,987	2,987
Roberts Park	0.0%	17,239	4,460	4,721	4,827	4,829	4,427	4,582	4,760	4,867
Frisco Plaza	0.0%	36,970	2,039	1,922	1,922	1,981	1,993	1,993	1,993	1,696
Berenda	0.0%	26,580	1,999	1,999	1,999	1,999	1,999	1,999	1,999	1,999
Mackey	0.0%	4,746	1,071	1,071	1,049	1,071	1,071	1,071	1,071	1,071

Allotment Name	% Wilderness	Acres	1984	1985	1986	1987	1988	1989	1990	1991
Torriete	0.0%	41,177	435	5,348	5,230	5,187	5,077	5,073	4,260	4,760
Deep Creek	0.0%	28,122	2,057	2,178	2,364	2,501	2,485	2,510	2,002	2,309
Deadman	0.0%	16,790	1,266	1,337	1,580	1,303	1,177	1,303	656	1,363
Yegus	0.0%	11,551	951	1,206	1,019	1,131	1,267	928	464	4,338
Dripping Springs	0.0%	590	95	190	142	213	144	24	262	144
Fierro	0.0%	11,026	1,693	1,708	1,704	1,704	1,660	0	0	0
Carrizo	0.0%	8,259	590	637	564	853	531	374	0	466
Cox Canyon	0.0%	18,855	2,166	1,173	1,157	1,190	1,190	853	953	1,107
Harden Cienega	0.0%	36,052	16,330	9,575	9,746	9,847	8,890	8,430	8,798	9,179
Schoolhouse	0.0%	4,837	667	717	806	758	758	778	749	839
Apache Creek	0.0%	5,310	823	480	438	869	823	643	440	440
Harve Gulch	0.0%	9,584	940	940	940	940	940	940	940	0
Wedgewood	0.0%	320	47	24	70	47	47	47	47	47
Alexander	0.0%	35,240	2,846	2,678	2,848	2,356	2,172	3,020	3,994	4,041
Cold / Hot Springs	0.0%	18,188	5,305	3,221	3,116	3,254	3,630	3,174	2,858	3,075
Silver City Watershed	0.0%	5,171	310	293	381	317	317	320	318	295
Silverdale	0.0%	4,111	636	636	636	636	636	617	617	636
Mimbres	1.4%	33,557	7,196	7,263	7,654	7,571	7,571	5,566	5,944	6,048
T Bar	4.8%	77,424	8,345	0	404	1,761	9,738	0	0	0
Black Mountain	5.6%	43,059	9,099	9,099	9,099	9,099	9,099	9,099	9,099	9,099
Couduroy	9.6%	61,197	7,856	5,138	4,638	4,676	3,891	4,076	9,184	4,375
Sacaton	14.3%	6,632	824	824	1,974	824	824	0	1,196	857
Taylor Creek	18.4%	42,592	3,560	4,761	3,365	3,424	3,471	3,308	4,359	3,488
Kingston	24.1%	25,357	627	627	3,942	2,166	2,822	2,431	2,328	2,523
Southfork	26.8%	36,566	1,380	1,261	1,261	1,202	2,392	3,520	2,868	0
N. Palomas	33.0%	15,199	1,808	2,876	3,549	0	0	0	0	1,642
Turkey Run	33.6%	19,604	1,382	990	952	1,166	1,119	1,119	1,119	1,047
Holt Gulch	36.5%	15,722	1,813	1,810	1,810	1,859	1,859	1,859	339	1,771
Cow Creek	37.6%	13,511	1,310	888	1,459	707	919	804	804	834
Reading Mtn	42.3%	17,509	976	577	897	890	732	1,270	1,415	885
Redstone	43.0%	66,831	6,396	4,337	7,121	3,451	4,485	3,926	3,926	4,074
Spar Canyon	45.1%	11,031	1,773	1,845	1,964	1,925	1,819	1,726	1,726	1,726
Brock Canyon	50.7%	10,118	1,498	1,414	2,741	2,979	3,015	2,999	3,017	2,255
Dry Creek	51.3%	44,467	3,286	3,314	3,408	3,475	3,454	3,454	4,110	3,411
Watson Mtn	57.4%	8,478	1,464	1,479	1,479	1,479	729	846	967	1,479
Powderhorn	57.6%	36,865	2,538	3,287	3,523	0	0	0	1,460	445
Canyon Creek	61.9%	6,283	954	873	876	951	936	948	945	945
Hermosa	63.7%	63,012	5,554	5,996	6,768	74	3,978	0	0	0
Jordan Mesa	72.0%	39,956	4,748	6,361	0	0	1,603	4,906	3,876	1,407
Sapillo	77.7%	62,093	179	13,548	15,973	7,818	7,569	0	0	0
Animas/Cave Creek	78.0%	50,315	1,553	1,553	173	0	0	0	0	0
Rain Creek	83.7%	19,700	2,084	2,114	2,079	2,084	2,079	2,079	2,064	2,057
XSX	87.4%	22,275	0	576	0	0	0	0	0	0
Diamond Bar	89.2%	138,150	10,891	195	6,407	9,378	7,382	9,039	9,455	10,353
Mogollon Creek	80.0%	1,704	614	362	496	614	304	496	614	364
Indian Creek	92.5%	8,361	643	643	643	613	634	627	458	536
Davis Canyon	94.0%	8,140	1,400	1,116	1,116	1,311	1,116	1,218	1,369	1,398
Rough Canyon	97.0%	5,359	712	712	712	712	712	712	712	712
Willow Creek	100.0%	1,161	0	0	0	0	0	0	0	0
Wilderness	100.0%	300,751	0	0	0	0	0	0	0	0
Wilderness Unknowns	100.0%	0	0	0	0	0	0	0	0	0
Total AUMs Allotments										
>50% Wilderness			38,117	43,541	46,393	31,487	33,511	27,323	29,046	25,360
Total AUMs Allotments										
<50% Wilderness			54,345	42,296	50,088	40,719	50,740	38,704	44,305	38,369
Total AUMs Non-										
Wilderness Allotments			178,230	161,130	150,102	150,464	148,369	146,516	135,369	132,609
All Allotments with										
Wilderness			92,462	85,837	96,481	72,207	84,251	66,026	73,351	63,730
Total All			2,735,015	270,692	246,967	222,671	232,620	212,542	208,720	196,339



Allotment Name	% Wilderness	Acres	1992	1993	1994	1995	1996	1997	1998	1999
Fort Bayard	0.0%	15,409	0	0	0	0	0	0	0	0
NonWilderness Unk	0.0%	0	0	0	0	0	0	0	0	0
Big Horn	0.0%	293	38	90	70	0	28	45	19	30
Lower Plaza	0.0%	4,264	0	0	0	0	0	0	0	0
Shingle Canyon	0.0%	1,107	320	267	297	0	0	0	0	0
Govina	0.0%	37,151	0	0	0	0	0	0	0	298
Kelly	0.0%	23,455	1,297	1,226	1,226	1,288	1,297	1,297	1,297	759
Devils Park	0.0%	19,112	1,800	1,883	1,904	0	0	0	82	234
Martinez	0.0%	0	0	0	0	0	0	0	0	0
Shelton Canyon	0.0%	2,069	313	398	177	0	0	0	0	0
White Rocks	0.0%	6,228	631	403	221	405	526	582	536	479
Apache Canyon	0.0%	17,832	890	890	393	629	629	712	712	712
Cross V	0.0%	13,661	0	0	0	0	572	0	136	179
North Wahoo	0.0%	7,356	536	536	179	533	650	0	0	0
Eagle Peak	0.0%	26,120	2,012	1,528	2,163	1,507	1,349	615	892	1,131
V + T	0.0%	89,150	9,666	9,493	9,520	9,520	9,520	10,121	10,121	10,008
South Wahoo	0.0%	21,440	2,596	2,035	1,213	1,213	1,213	1,200	1,200	1,200
Deep Canyon	0.0%	23,523	1,190	1,190	1,190	1,307	2,369	1,061	546	1,179
Tennessee	0.0%	3,452	952	952	595	770	600	1,018	952	952
Legget	0.0%	30,961	1,809	1,841	1,812	1,551	1,424	1,496	1,792	1,642
Potholes	0.0%	7,432	1,346	1,346	1,346	1,346	1,273	1,273	1,273	1,630
Citizen	0.0%	21,145	5,194	4,952	4,950	5,614	4,750	3,425	4,914	4,132
Mogollon	0.0%	5,403	0	0	0	0	0	0	0	0
Black Bob	0.0%	27,683	2,786	2,826	2,732	2,732	2,732	1,546	2,520	2,051
Dark Canyon	0.0%	12,248	209	139	392	223	388	420	450	298
Walking X	0.0%	15,632	2,927	2,436	2,440	1,220	1,220	1,220	1,190	1,220
Silver Creek	0.0%	16,735	1,193	1,285	1,737	1,098	1,203	1,274	1,376	1,274
Winchester	0.0%	10,762	0	0	0	0	0	0	0	714
Pine Cienega	0.0%	7,845	1,785	1,785	1,785	1,785	1,476	1,376	1,785	1,785
SU	0.0%	5,032	695	655	655	655	550	759	655	655
Pleasanton	0.0%	28,393	4,434	4,978	5,251	4,565	4,363	3,952	3,907	4,122
White Signal	0.0%	20,176	1,301	1,414	1,474	1,440	1,499	1,666	1,666	1,666
HooDoo	0.0%	14,368	2,261	1,881	2,071	551	2,261	2,261	2,071	2,261
C-Bar	0.0%	13,136	893	796	743	714	0	828	714	714
Burro Mtn	0.0%	7,427	595	1,198	1,180	443	590	743	331	584
Poverty Creek	0.0%	3,710	477	319	291	304	603	309	305	261
Ferguson Mtn	0.0%	2,466	0	0	0	0	0	0	0	0
Little Rough	0.0%	2,584	73	408	395	395	0	272	395	179
Gallinas	0.0%	13,589	2,248	3,042	1,634	529	896	893	0	937
Copper Creek	0.0%	25,611	1,026	1,026	1,026	1,026	1,026	1,190	1,026	1,026
Walnut Creek	0.0%	31,593	741	2,110	2,500	0	671	1,309	1,452	216
Twin Sister	0.0%	12,460	276	275	275	275	275	0	0	0
Allie/Alvalanche	0.0%	18,131	3,061	3,057	3,031	3,031	2,792	2,767	2,826	2,767
Bear Creek	0.0%	16,184	1,140	1,967	354	0	754	833	833	988
East Canyon	0.0%	11,015	1,797	21	1,843	1,618	1,148	0	0	0
Sheppard	0.0%	18,224	2,895	2,823	2,834	2,811	2,811	2,811	2,811	2,811
Mud Springs/ Noonday	0.0%	11,857	1,174	759	148	450	461	476	1,413	476
Bullard Peak	0.0%	45,765	5,593	5,983	6,043	5,653	5,965	3,832	3,832	3,237
O bar O	0.0%	57,098	5,474	5,474	5,474	5,474	5,474	5,474	5,474	5,474
Negrito	0.0%	41,047	3,555	3,421	3,486	4,053	3,582	2,754	5,021	3,623
Mangus Valley	0.0%	17,801	3,132	6,456	1,044	3,132	1,776	3,132	1,705	1,705
Corner Mountain	0.0%	14,459	0	0	0	0	0	0	0	0
Y- Canyon	0.0%	52,879	0	0	0	0	1,128	7,008	7,089	5,410
Alma	0.0%	19,027	3,570	3,570	3,570	3,570	3,570	2,750	4,093	3,094
Long Canyon	0.0%	17,887	1,785	1,785	1,785	1,785	0	0	714	1,630
Mule Creek	0.0%	16,514	1,186	2,401	2,240	2,410	218	655	0	354
Ceder Break	0.0%	11,467	1,874	1,874	1,869	1,830	1,874	1,874	1,726	1,791
Gila River	0.0%	17,876	2,592	1,728	1,728	1,728	1,728	1,728	1,613	1,728
Blue Creek	0.0%	5,589	1,726	1,726	1,726	1,726	1,012	1,012	1,071	1,071
Black Range	0.0%	40,485	2,975	2,975	3,273	3,570	3,273	3,273	3,273	2,750
Roberts Park	0.0%	17,239	4,867	4,867	4,867	4,549	1,631	5,186	2,361	2,322
Frisco Plaza	0.0%	36,970	1,688	1,668	1,958	1,993	1,993	1,847	1,969	1,505
Berenda	0.0%	26,580	1,999	1,999	1,999	1,999	4,088	1,999	1,999	1,999
Mackey	0.0%	4,746	1,071	1,071	1,071	1,599	1,071	1,071	1,071	940



Allotment Name	% Wilderness	Acres	1992	1993	1994	1995	1996	1997	1998	1999
Torriete	0.0%	41,177	5,093	4,266	4,429	4,474	4,451	3,570	3,570	3,570
Deep Creek	0.0%	28,122	2,236	2,279	2,279	2,421	1,423	1,485	1,346	1,374
Deadman	0.0%	16,790	1,363	1,363	1,363	1,363	1,363	1,303	1,363	1,363
Yegus	0.0%	11,551	783	603	1,256	0	0	0	0	1,055
Dripping Springs	0.0%	590	46	141	285	24	142	213	190	2
Fierro	0.0%	11,026	952	1,718	2,023	1,018	1,972	1,012	1,012	1,012
Carrizo	0.0%	8,259	532	336	0	0	0	0	0	0
Cox Canyon	0.0%	18,855	1,029	1,101	946	946	946	768	833	1,765
Harden Cienega	0.0%	36,052	9,300	9,300	8,352	7,005	7,176	6,450	6,579	6,991
Schoolhouse	0.0%	4,837	787	868	868	828	897	863	897	868
Apache Creek	0.0%	5,310	428	538	473	23	0	0	0	0
Harve Gulch	0.0%	9,584	390	849	940	940	350	804	532	500
Wedgewood	0.0%	320	47	47	47	47	47	47	47	47
Alexander	0.0%	35,240	2,425	2,425	1,473	1,473	1,238	1,901	2,068	2,207
Cold / Hot Springs	0.0%	18,188	1,883	1,852	1,384	1,915	3,273	0	0	0
Silver City Watershed	0.0%	5,171	73	408	395	395	0	272	395	179
Silverdale	0.0%	4,111	636	1,272	636	636	318	636	1,060	1,060
Mimbres	1.4%	33,557	6,096	6,256	6,031	6,024	5,382	0	0	0
T Bar	4.8%	77,424	0	0	0	3,857	3,552	5,583	3,611	3,588
Black Mountain	5.6%	43,059	9,099	9,099	8,950	9,000	9,000	9,000	9,000	7,750
Couduroy	9.6%	61,197	5,034	4,746	4,635	4,525	4,291	4,760	2,347	5,488
Sacaton	14.3%	6,632	824	824	893	824	893	516	435	1,290
Taylor Creek	18.4%	42,592	3,912	5,690	4,286	4,079	4,118	3,234	3,234	0
Kingston	24.1%	25,357	2,582	3,270	6,109	2,600	4,088	2,303	2,541	2,121
Southfork	26.8%	36,566	886	2,282	2,692	2,716	2,716	2,716	2,716	2,716
N. Palomas	33.0%	15,199	0	0	0	0	0	0	0	0
Turkey Run	33.6%	19,604	1,134	1,119	1,000	988	869	869	1,107	0
Holt Gulch	36.5%	15,722	0	0	1,096	1,036	15	422	717	1,311
Cow Creek	37.6%	13,511	834	834	673	632	860	0	0	0
Reading Mtn	42.3%	17,509	1,270	3,520	4,864	0	441	576	909	283
Redstone	43.0%	66,831	4,074	4,074	3,284	3,087	4,198	0	0	0
Spar Canyon	45.1%	11,031	1,366	1,306	1,321	1,321	550	839	1,260	637
Brock Canyon	50.7%	10,118	89	89	89	45	45	45	45	45
Dry Creek	51.3%	44,467	3,575	3,156	1,969	2,062	1,830	1,592	1,592	0
Watson Mtn	57.4%	8,478	1,603	1,074	1,050	15	0	0	0	0
Powderhorn	57.6%	36,865	0	0	0	0	371	0	0	0
Canyon Creek	61.9%	6,283	732	714	240	120	60	60	60	315
Hermosa	63.7%	63,012	0	0	0	0	0	0	0	0
Jordan Mesa	72.0%	39,956	2,007	2,269	2,184	3,396	5,215	3,588	5,617	0
Sapillo	77.7%	62,093	0	0	0	0	0	0	0	0
Animas/Cave Creek	78.0%	50,315	53	1,278	1,278	1,278	1,278	1,278	1,278	0
Rain Creek	83.7%	19,700	2,084	3,621	4,199	4,498	4,459	9,679	2,084	2,084
XSX	87.4%	22,275	0	0	0	0	0	0	0	0
Diamond Bar	89.2%	138,150	11,472	11,994	12,459	8,542	0	0	0	0
Mogollon Creek	80.0%	1,704	496	614	614	316	249	249	271	271
Indian Creek	92.5%	8,361	602	619	534	544	494	512	473	437
Davis Canyon	94.0%	8,140	1,398	1,398	1,398	1,398	1,186	583	1,001	1,046
Rough Canyon	97.0%	5,359	712	712	712	696	577	574	637	715
Willow Creek	100.0%	1,161	0	0	0	0	0	0	0	0
Wilderness	100.0%	300,751	0	0	0	0	0	0	0	0
Wilderness Unknowns	100.0%	0	0	0	0	0	0	0	0	0
Total AUMs Allotments >50% Wilderness			24,823	27,538	26,725	22,909	15,763	18,158	13,058	4,913
Total AUMs Allotments <50% Wilderness			37,112	43,019	45,833	40,688	40,971	30,817	27,876	25,185
Total AUMs Non-Wilderness Allotments			135,664	140,589	131,324	120,124	115,895	112,666	115,100	112,192
All Allotments with Wilderness			61,935	70,556	72,558	63,596	56,733	48,974	40,933	30,097
Total All			2,735,015	197,599	211,146	203,882	183,721	172,628	156,033	142,290

Allotment Name	% Wilderness	Acres	2000	2001	2002	2003	2004	2005	2006	2007
Fort Bayard	0.0%	15,409	0	0	0	0	0	0	0	0
NonWilderness Unk	0.0%	0	0	0	0	0	0	0	0	0
Big Horn	0.0%	293	44	41	66	0	0	39	0	0
Lower Plaza	0.0%	4,264	0	0	0	0	146	146	220	294
Shingle Canyon	0.0%	1,107	0	0	0	0	33	132	99	300
Govina	0.0%	37,151	273	0	725	2,007	1,260	1,778	1,260	1,081
Kelly	0.0%	23,455	925	1,342	977	1,596	912	1,176	1,296	1,296
Devils Park	0.0%	19,112	729	635	576	760	0	261	804	804
Martinez	0.0%	0	0	0	0	0	0	0	0	0
Shelton Canyon	0.0%	2,069	0	0	0	0	0	0	0	0
White Rocks	0.0%	6,228	625	0	23	306	18	427	0	0
Apache Canyon	0.0%	17,832	712	712	721	1,455	721	721	721	660
Cross V	0.0%	13,661	376	595	0	0	0	0	52	180
North Wahoo	0.0%	7,356	0	0	0	0	0	0	0	540
Eagle Peak	0.0%	26,120	655	1,132	1,026	1,140	1,128	1,128	1,128	1,726
V + T	0.0%	89,150	10,121	10,064	0	6,572	7,180	8,403	22,633	12,381
South Wahoo	0.0%	21,440	800	800	1,210	1,394	1,210	1,210	1,210	1,210
Deep Canyon	0.0%	23,523	1,007	1,224	0	780	1,245	780	361	393
Tennessee	0.0%	3,452	1,136	952	960	960	264	264	264	960
Legget	0.0%	30,961	2,108	1,871	3,251	1,911	1,812	1,812	2,460	2,637
Potholes	0.0%	7,432	1,178	1,178	1,196	1,196	1,196	802	799	799
Citizen	0.0%	21,145	0	2,000	3,720	3,344	4,896	4,896	3,720	3,720
Mogollon	0.0%	5,403	0	0	80	0	0	0	0	0
Black Bob	0.0%	27,683	1,463	1,312	1,815	1,985	1,985	2,072	1,839	1,893
Dark Canyon	0.0%	12,248	446	503	435	496	375	210	198	198
Walking X	0.0%	15,632	1,447	1,410	1,224	1,224	1,212	1,212	1,212	1,212
Silver Creek	0.0%	16,735	1,286	1,286	3,844	3,506	1,138	1,554	987	1,302
Winchester	0.0%	10,762	1,183	1,428	720	1,920	720	720	780	780
Pine Cienega	0.0%	7,845	1,500	2,355	1,800	1,836	1,836	1,836	1,836	2,436
SU	0.0%	5,032	655	655	660	660	660	660	660	660
Pleasanton	0.0%	28,393	4,098	4,535	4,512	3,812	3,340	3,237	4,740	3,390
White Signal	0.0%	20,176	1,500	3,855	1,800	1,824	1,800	1,900	1,980	1,440
HooDoo	0.0%	14,368	1,900	2,622	4,560	2,280	1,596	1,800	1,800	3,840
C-Bar	0.0%	13,136	714	714	978	1,698	0	139	692	718
Burro Mtn	0.0%	7,427	743	399	576	1,499	394	361	712	96
Poverty Creek	0.0%	3,710	222	0	0	50	298	359	359	359
Ferguson Mtn	0.0%	2,466	0	0	0	0	0	120	120	120
Little Rough	0.0%	2,584	161	189	74	203	312	143	160	160
Gallinas	0.0%	13,589	411	273	280	334	430	138	3,144	0
Copper Creek	0.0%	25,611	1,026	1,026	1,020	1,020	1,020	593	1,020	1,020
Walnut Creek	0.0%	31,593	437	574	765	1,149	1,098	1,406	1,356	1,332
Twin Sister	0.0%	12,460	0	0	0	0	0	0	0	0
Allie/Alvalanche	0.0%	18,131	2,767	2,767	2,737	2,556	2,556	4,087	2,808	2,791
Bear Creek	0.0%	16,184	732	762	840	840	708	624	624	804
East Canyon	0.0%	11,015	0	503	248	271	271	271	1,159	534
Sheppard	0.0%	18,224	2,811	2,156	48	0	0	0	757	30
Mud Springs/ Noonday	0.0%	11,857	941	1,085	1,096	1,458	950	1,218	4,044	1,380
Bullard Peak	0.0%	45,765	3,237	5,010	2,508	2,305	3,113	2,881	2,964	2,381
O bar O	0.0%	57,098	5,474	4,760	5,520	11,040	2,388	1,670	4,800	5,091
Negrito	0.0%	41,047	4,020	4,076	4,378	3,684	3,684	5,208	4,024	804
Mangus Valley	0.0%	17,801	502	1,986	2,348	8,007	1,954	2,529	2,603	1,822
Corner Mountain	0.0%	14,459	0	0	0	0	0	0	0	0
Y- Canyon	0.0%	52,879	4,390	4,230	2,608	6,582	2,730	4,428	5,835	4,428
Alma	0.0%	19,027	4,224	1,063	960	1,714	1,846	2,040	2,424	4,179
Long Canyon	0.0%	17,887	1,219	295	1,709	1,344	1,344	1,344	1,749	2,018
Mule Creek	0.0%	16,514	699	1,528	996	948	395	395	1,596	1,166
Ceder Break	0.0%	11,467	1,586	1,483	1,871	2,678	1,783	1,856	1,532	1,528
Gila River	0.0%	17,876	1,728	1,390	1,406	3,693	1,072	613	307	683
Blue Creek	0.0%	5,589	1,916	1,852	1,740	1,671	1,152	1,740	1,740	1,740
Black Range	0.0%	40,485	3,273	3,570	2,400	4,800	3,000	3,000	3,000	3,000
Roberts Park	0.0%	17,239	4,022	2,262	5,369	12,240	3,792	3,792	3,792	3,708
Frisco Plaza	0.0%	36,970	1,039	1,535	1,284	1,512	1,536	1,992	2,004	2,004
Berenda	0.0%	26,580	1,999	1,999	2,088	2,088	2,088	2,088	2,088	2,088
Mackey	0.0%	4,746	1,071	1,071	1,080	612	540	1,080	12	1,080

Allotment Name	% Wilderness	Acres	2000	2001	2002	2003	2004	2005	2006	2007
Torriete	0.0%	41,177	3,784	2,999	3,132	4,356	5,100	5,064	5,064	5,018
Deep Creek	0.0%	28,122	950	1,381	1,386	1,850	3,907	3,362	2,556	2,556
Deadman	0.0%	16,790	1,145	2,943	1,368	1,368	2,736	1,368	1,368	1,368
Yegus	0.0%	11,551	288	0	384	756	756	1,069	774	0
Dripping Springs	0.0%	590	118	306	168	264	48	119	167	119
Fierro	0.0%	11,026	1,012	1,012	1,020	1,020	1,020	1,032	540	0
Carrizo	0.0%	8,259	36	0	0	0	70	1,420	31	1,420
Cox Canyon	0.0%	18,855	893	1,241	1,242	1,188	1,188	1,140	1,140	1,742
Harden Cienega	0.0%	36,052	5,697	6,833	5,592	2,846	4,141	4,500	6,699	6,252
Schoolhouse	0.0%	4,837	1,003	532	0	0	0	0	0	0
Apache Creek	0.0%	5,310	0	0	0	326	0	0	0	0
Harve Gulch	0.0%	9,584	1,194	238	400	1,440	948	948	948	948
Wedgewood	0.0%	320	47	0	0	0	0	0	0	47
Alexander	0.0%	35,240	2,058	2,043	2,184	2,264	2,364	2,400	5,280	2,640
Cold / Hot Springs	0.0%	18,188	0	0	0	0	37	164	464	337
Silver City Watershed	0.0%	5,171	161	189	74	203	312	143	160	160
Silverdale	0.0%	4,111	1,855	434	0	636	0	0	0	0
Mimbres	1.4%	33,557	0	0	2,448	2,520	2,520	2,520	1,920	2,520
T Bar	4.8%	77,424	5,379	1,134	8,420	8,032	3,264	7,861	3,756	3,515
Black Mountain	5.6%	43,059	0	4,050	0	4,485	4,787	5,722	5,722	5,722
Couduroy	9.6%	61,197	9,387	5,252	5,262	5,020	5,396	5,630	6,980	6,980
Sacaton	14.3%	6,632	827	1,428	2,073	1,575	396	704	1,394	1,637
Taylor Creek	18.4%	42,592	0	0	0	0	0	0	3,240	0
Kingston	24.1%	25,357	1,320	0	0	340	1,560	1,560	480	1,021
Southfork	26.8%	36,566	2,716	2,716	3,984	2,664	2,604	2,604	2,604	4,103
N. Palomas	33.0%	15,199	0	0	1,200	2,856	757	1,248	1,224	1,224
Turkey Run	33.6%	19,604	1,202	1,119	1,128	984	1,128	1,128	1,128	1,128
Holt Gulch	36.5%	15,722	1,379	1,792	1,728	1,116	1,116	1,613	2,592	1,191
Cow Creek	37.6%	13,511	0	0	750	900	900	0	0	0
Reading Mtn	42.3%	17,509	1,377	1,720	1,654	3,362	897	764	1,314	1,314
Redstone	43.0%	66,831	0	0	0	0	0	0	0	0
Spar Canyon	45.1%	11,031	265	327	324	365	576	324	324	324
Brock Canyon	50.7%	10,118	36	405	36	48	36	36	36	36
Dry Creek	51.3%	44,467	0	0	0	0	0	0	0	843
Watson Mtn	57.4%	8,478	0	0	0	0	0	0	0	0
Powderhorn	57.6%	36,865	0	0	180	180	180	180	0	180
Canyon Creek	61.9%	6,283	250	270	182	213	0	0	144	20
Hermosa	63.7%	63,012	0	0	0	325	0	0	0	7,922
Jordan Mesa	72.0%	39,956	0	0	0	0	0	0	0	0
Sapillo	77.7%	62,093	0	0	180	418	418	418	0	180
Animas/Cave Creek	78.0%	50,315	0	0	0	0	0	0	0	359
Rain Creek	83.7%	19,700	2,321	2,084	2,058	0	0	2,661	1,294	2,208
XSX	87.4%	22,275	0	374	0	0	0	0	37	563
Diamond Bar	89.2%	138,150	0	0	0	0	0	0	0	0
Mogollon Creek	80.0%	1,704	271	232	435	275	229	265	214	827
Indian Creek	92.5%	8,361	658	30	30	0	0	0	540	648
Davis Canyon	94.0%	8,140	1,306	1,398	1,462	1,345	1,259	713	1,415	1,226
Rough Canyon	97.0%	5,359	712	737	742	1,871	892	892	676	698
Willow Creek	100.0%	1,161	0	0	0	0	0	0	0	0
Wilderness	100.0%	300,751	0	0	0	0	0	0	0	0
Wilderness Unknowns	100.0%	0	0	0	0	0	0	0	0	0
Total AUMs Allotments										
>50% Wilderness			5,554	5,529	5,305	4,675	3,014	5,165	4,356	15,710
Total AUMs Allotments										
<50% Wilderness			23,853	19,538	28,971	34,219	25,901	31,678	32,678	30,679
Total AUMs Non-										
Wilderness Allotments			107,771	111,211	99,778	137,477	99,764	108,021	135,675	116,081
All Allotments with										
Wilderness			29,407	25,067	34,276	38,894	28,915	36,843	37,034	46,389
Total All			2,735,015	137,178	136,278	134,055	176,371	144,864	172,709	162,470

## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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