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Federal Public Land Laws and Policies Relating to Intensive Agriculture, Volume IV. Working Paper: Federal Public Lands Suited for Intensive Agriculture in Western United States

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Bill Folke

**Federal Public Land Laws
and Policies
Relating to Intensive Agriculture**

VOLUME IV

WORKING PAPER

**Federal Public Lands
Suited for Intensive Agriculture in
Western United States**

**Prepared for the
Public Land Law Review Commission
Washington, D. C.**

**By
The Economics Department
Agricultural Experiment Station
South Dakota State University
Brookings, South Dakota 57006**

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FEDERAL PUBLIC LANDS SUITED FOR INTENSIVE
AGRICULTURAL DEVELOPMENT

Fred C. Westin and E. J. Daniel

Introduction

Since 1781 the federal government has disposed of 1.043 million acres of public lands; however, federal agencies in the 17 Western States still administer 371 million acres of such lands. Most of these lands are used for livestock grazing and forestry while others are used for parks, wildlife and defense. Some are deserts and many are mountainous. How much of these remaining federal public lands are suited for intensive agriculture or crop production? This is an important question because present public laws still encourage farmers to attempt to settle on federal lands that frequently are not suited for agriculture.

The purpose of this report is to present estimates, by States, of the amount of public land suited for intensive agricultural development. These estimates are based on available data and informed judgment and not on any new field investigations. The data, for the most part, were obtained from the agencies having administrative responsibility for the lands. In cases where data were not available from the agency concerned, projections were made from information furnished by the State Agricultural Experiment Stations and the Soil Conservation Service. Data were gathered and recorded from each State through personal contacts with the administrators of each agency and their technical people in that State.

Federal public lands deemed suitable for intensive agriculture were classified as (A) lands physically and economically suited for dryland crop production under prevailing management practices; (B) lands economically suited for irrigation and for which water is potentially available or expected to be available; and (C) lands suited for irrigation but for which water is not legally or physically available at present under existing patterns of water rights and water use.

Fred C. Westin is Professor of Agronomy, Agronomy Department, South Dakota State University, Brookings. E. J. Daniel, who did the field work as a consultant, was formerly State Soil Conservationist for South Dakota, Soil Conservation Service, U.S. Department of Agriculture.

A summary of the data for the 17 States is given in Table 1. Table 2 shows the totals by States and Table 3 by agency. Tables 4-20 are summaries of the data by agency and by State. Tables 21-38, in the Appendix, list the data for all of the individual projects of specific agencies in each State. In these Appendix tables, each table consists of six sections--one for each agency.

Regional Totals

In Table 1 the total acreage in the 17 Western States as a whole is shown for each of the three categories described previously. It is to be noted that over 90 percent of the land estimated as being suitable for intensive agriculture is in category C--lands suitable for irrigation but for which water is not presently available. Although much of the area of these 17 Western States is limited for intensive agriculture by topography and soils, there are fairly extensive plains whose soils are suitable for development. Water, rather than soil or topography, actually is the most limiting factor for intensive agricultural development in the West. If water were legally or physically available, it is estimated that about 35 million acres of these plains could be irrigated. Presently, these lands are used for grazing purposes or recreation, or they are idle.

The lands included in category A (suitable for dryland agriculture) total nearly two million acres. This acreage appears small, but the combination of semiarid to arid climate and generally rolling topography limits use of these lands for dryland farming. The lands do not occur in blocks but usually as narrow mountain valleys, colluvial slopes, or fans. In addition to their awkward and irregular shapes, they ordinarily occur in small parcels and often at rather high elevations. Here a short growing season and cool temperatures limit the choice of crops. For many of these areas hay production is the best and perhaps the most intensive use to which they could be adapted.

The lands included in category B total about 1.3 million acres. They occur mainly along streams and rivers or in areas underlain by aquifers. For the most part they are alluvial and terrace lands having deep soils and favorable topography. Limiting factors include irregular parcel size, salinity and seasonal wetness in some of the soils, and cool temperatures.

The figure for total land in Table 1 does not coincide exactly with the figure in Public Land Statistics, 1967 (45) since minor holdings are not included in all cases. Many of these minor holdings are buildings and parking grounds.

State Totals

In Table 2 the acreages of lands estimated to be suitable for intensive agriculture are listed, by States, in the three categories described in the Introduction. Table 2 indicates that the Plains States have relatively small acreages of public land. These range from 588,981 acres in Kansas to 2,338,738 acres in Texas while the acreage in each of the Mountain States, except Washington, generally exceeds 20 million. Although the Plains States have much smaller totals of public land, they have proportionally larger percentages of land in category A than the Mountain States. On the other hand, the Mountain States, except Montana, have higher percentages of land in category C versus those in A. These differences reflect the generally more humid environment of the Plains. In the Mountain States the areas with topography favorable for intensive agriculture are mostly dry, and only when water is supplied by artificial means can they be considered arable.

The Western States having the largest acreages of arable lands (category A) are Wyoming, Montana, Texas, the two Dakotas, California and Colorado. Each of these States has more than 100,000 acres in this category.

The States having the largest acreages of public land estimated to be irrigable (category B) include Wyoming, Washington, Idaho, and California. Each of these States has over 100,000 acres in this category. The States with the largest acreages in category C include Nevada, Arizona, and California, each having over six million acres estimated to be irrigable if water were available.

Agency Totals

Table 3 lists the estimated acres in each category under the agency which is administratively responsible for the land. Seven agencies are listed in Table 3, plus the National Grasslands (Land Utilization lands) which are listed as the eighth entry. The National Grasslands (Land Utilization lands) is not an administrative agency--these lands are administered either by the Forest Service or the Bureau of Land Management.

Table 3 also includes for each category the percentages of total lands administered by the various agencies; for example, the Bureau of Reclamation has 22,972 acres considered arable--0.25 percent of total lands administered by that agency (8,977,277 acres) in the 17 Western States. Totals for the agencies in each State appear in Tables 4 through 21.

The percentages of land considered suitable for dryland agriculture range, among agencies, from 0.15 percent for National Park lands to 3.07 percent for Corps of Civil Engineers lands. National Grasslands (Land Utilization lands) were considered 8.39 percent arable. These lands, accounted for in the Bureau of Land Management and Forest Service figures, are mostly in the plains area where more favorable soils, topography, and climate make them more adapted for dryland agriculture than are the mountains and deserts of the West.

So far as total acres of land suitable for dryland agriculture are concerned, it is apparent from Table 3 that the Forest Service and the Bureau of Land Management account for over two-thirds of the acreage reported.

In category B, Table 3 indicates that the percentages of lands suitable for irrigation and for which water is available range from 0.03 percent for the Corps of Civil Engineers and National Park Service to 4.72 percent for the Bureau of Reclamation. The Bureau of Land Management and the Bureau of Reclamation together account for over 70 percent of the land reported in this category.

In category C, Table 3 lists the percentages of lands suitable for irrigation but for which water is not available as ranging from 0.29 percent for the Corps of Civil Engineers to 23.92 percent for the Department of Defense. Although the Department of Defense has the largest percentage, it reports only about 13 percent of the total lands. The Bureau of Land Management controls about 80 percent of the lands in this category. In Tables 4 through 20, it can be seen that these lands are mainly in Nevada, Arizona, California, New Mexico, and Idaho. These five States have nearly 82 percent of the total land in category C.

Agency Totals Listed by State

Tables 4 through 20 are breakdowns of agency lands within each State. The States are arranged alphabetically with Arizona data in Table 4 and Wyoming data in Table 20. These tables show the acreages in each of the three categories defined in the Introduction. Also included are figures for the estimated fair market value of some of the lands in categories A and B. Estimated values for other A and B lands were not attempted since there have been few sales of similar lands in the area.

The estimated value figures of lands in category B are subject to many limitations. Soils and topography vary, resulting in a range of land classes. Moreover, the environmental factors of climate and local site result in a wide range of conditions for crop growth. Very

favorable soils may occur at high elevations where low temperatures restrict the choice of crop. Nearness to a market is a third variable. Generally class I and II soils, if they occur in a favorable climatic environment and are located where the crop can be marketed, are valued at \$1,000 an acre or even as high as \$1,500 an acre. These lands occur in Arizona and California along the southern margin of the region. An average figure for the central part of the region for class I and II land is \$500 to \$900 per acre. Along the northern margins of the region and for class III land generally, the estimated market price per acre ranges from \$250 to \$500 per acre.

The estimated market value of lands suited for dryland agriculture is as low as \$45 or \$50 per acre for land suited only for hayland in the drier or colder parts of the region. Estimates up to \$300 or \$350 per acre were made for the areas having little relief, deep soils, and a relatively moist, warm climate.

Subdivisions of Agencies for Each State

Each agency responsible for public lands within a State has a number of projects varying from one or two to many. The estimated acreage figures for these projects were the starting points in the data collecting process and furnish the raw data upon which this report was constructed. Because of their bulk, these tables were placed in the Appendix. They are designated by numbers from 21 for Arizona to 38 for Wyoming, and each table has six sections. Arizona tables, for example, are designated 21-1 (Bureau of Reclamation); 21-2 (Bureau of Land Management); and so on through 21-6. Thus the Appendix actually consists of 102 tables, each containing a list of the individual projects under each agency. Most agencies have around six projects but some, like the National Park Service in Arizona, have as many as 20.

Sources of Data

As stated in the Introduction, the data appearing in the estimates were obtained, for the most part, from the agency having administrative responsibility for the land. In cases where these data were not available, as in most of the Department of Defense land, the figures were obtained by matching the lands in question to a soil map for which soil classification data were available.

Considerable progress has been made in some States toward obtaining data on irrigation suitability regardless of the ownership of the land. One project of this nature is the Columbia-North Pacific Comprehensive Study which is cited in preliminary form (55). Other

studies which are not yet in final form are the River Basin studies (70-72). When completed, these will provide data on the irrigability of lands surveyed.

The references listed in the Bibliography are arranged in the following manner:

- | | |
|---------------|--|
| 1 through 4 | U.S. maps showing data for the 17 Western States. |
| 5 through 8 | Regional maps showing public lands crossing State boundaries. |
| 9 through 36 | State maps showing public lands. |
| 37 through 53 | General references including land use data, bibliographies of published soil surveys, public land statistics, North Central and Western regional soils publications and similar materials. |
| 54 through 59 | Regional references including a preliminary draft copy of the Comprehensive Framework Study of the Columbia Basin and Northwest Pacific, Irrigation Land Classes, Land Classification Specifications for the Pacific Southwest Basin, and climatic data. |
| 60 through 86 | State references including State soil publications and conservation needs inventories. |

The references cited were used to supplement the data obtained directly from the agencies and to aid in extending knowledge to lands about which little was known.

Table 1.--Estimated total acres of federal public lands suitable
for intensive agriculture in the 17 Western States

Description of land	Acres	Percent
A Arable--dryland	1,995,604	5.2
B Irrigable--water available	1,312,639	3.4
C Irrigable--water not legally or physically available at present	35,068,041	91.4
Total	38,376,284 ^a	100

^aThis is 10.5 percent of the 365 million acres of public lands in the 17 Western States that are included in this inventory.

Table 2.--Estimated total acreage of federal public lands suitable for intensive agriculture controlled by seven agencies in the 17 Western States, by States

State	Public lands total acres	A Dryland acres	B Irrigable (water avail.) acres	C Irrigable (water not avail.) acres
Arizona	33,033,826	0	10,775	7,145,106
California	44,676,678	172,216	136,877	6,128,681
Colorado	23,021,905	103,420	87,795	298,120
Idaho	31,586,491	84,895	313,777	2,622,642
Kansas	588,981	99,415	43,000	210
Montana	26,914,155	279,160	5,600	13,270
Nebraska	636,420	9,599	4,900	26,454
Nevada	60,639,011	3,805	6,894	9,915,714
New Mexico	26,100,312	203	11,443	2,921,542
North Dakota	2,154,276	261,665	4,412	3,700
Oklahoma	1,154,838	43,762	3,485	44,891
Oregon	29,617,935	67,142	72,057	625,301
South Dakota	3,294,588	236,564	46,176	96,868
Texas	2,338,738	149,140	6,205	189,542
Utah	35,217,787	634	13,621	2,557,340
Washington	13,817,828	14,884	158,230	41,870
Wyoming	<u>30,656,139</u>	<u>469,100</u>	<u>387,392</u>	<u>2,436,790</u>
	365,449,908	1,995,604	1,312,639	35,068,041

Note: Agencies with their total acreages are shown in Table 3.

Table 3.--Estimated total acreage of federal public lands suitable for intensive agriculture in the 17 Western States, by Agency

Administered by	A Dryland		B Irrigable (water avail.)		C Irrigable (water not avail.)	
	Acres	Percent ^a	Acres	Percent ^a	Acres	Percent ^a
Bureau of Reclamation	22,972	0.25	423,936	4.72	370,725	4.13
Bureau of Land Management	569,320	0.32	516,265	0.30	28,449,555	16.26
National Parks	21,383	0.15	4,816	0.03	696,100	4.89
Sport Fisheries and Wildlife	82,940	1.60	114,367	2.20	58,451	1.13
Forest Service	842,439	0.60	100,830	0.07	932,750	0.67
Department of Defense	343,650	1.81	151,425	0.79	4,549,860	23.92
Corps of Civil Engineers	112,900	3.07	1,000	0.03	10,600	0.29
Totals	1,995,604		1,312,639		35,068,041	
National Grasslands (L.U. lands) ^b	509,880	8.39	115,006	1.89	537,981	8.83

^aPercentage of total lands administered in specified category.

^bAcres and percentages have been included in Bureau of Land Management and/or Forest Service figures.

Table 4.--Arizona: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	1,389,957	0	---	6,000	\$ 405	105,100
Bureau of Land Management	12,925,990	0	---	0	---	4,700,000
10 National Park Service	2,098,512	0	---	220	75	430,006
Sport Fisheries and Wildlife	1,599,361	0	---	4,375	450	6,000
Forest Service	11,377,229	0	---	180	1,500	20,000
Department of Defense	3,608,969	0	---	0	---	1,879,000
Corps of Civil Engineers	33,808	0	---	0	---	5,000
Total	33,033,826	0	---	10,775	---	7,145,106
National Grasslands/ L. U. lands ^a	38,832	0	---	0	---	38,832

Sources: (9), (10), (11), (60), (61)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 5.--California: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	1,121,136	4,110	\$150	20,260	450- \$1,000	140,620
Bureau of Land Management	16,815,998	0	---	0	---	4,400,000
National Park Service	4,119,390	1,716	395	1,516	690	1,716
Sport Fisheries and Wildlife	78,895	1,118	---	27,101	---	13,495
Forest Service	18,754,900	272	---	0	---	17,850
Department of Defense	3,709,735	165,000	---	88,000	---	1,555,000
Corps of Civil Engineers	76,624	0	---	0	---	0
Total	44,676,678	172,216	---	136,877	---	6,128,681
National Grasslands/ L. U. lands ^a	19,115	0	---	0	---	9,000

Sources: (12), (62), (63), (64), (65)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 6.--Colorado: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A		B		C	
		Arable lands (dryland)		Irrigable lands (water avail.)		Irrigable lands (water not avail.)	
		Acres	Value/acre	Acres	Value/acre	Acres	
Bureau of Reclamation	806,266	2,000	\$ ---	13,449	\$300	0	
Bureau of Land Management	8,294,635	101,420	20-100	72,420	150-295	121,820	
National Park Service	87,297	0	---	0	---	17,000	
Sport Fisheries and Wildlife	24,424	0	---	1,926	---	3,300	
Forest Service	13,544,583	0	---	0	---	140,000	
Department of Defense	238,496	0	---	0	---	16,000	
Corps of Civil Engineers	26,204	0	---	0	---	0	
Total	23,021,905	103,420	---	87,795	---	298,120	
National Grasslands/ L. U. lands ^a	612,189	0	---	0	---	140,000	

Sources: (13), (14), (66), (68), (69), (70), (71), (72)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 7.--Idaho: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	453,046	200	---	146,240	\$400	0
Bureau of Land Management	11,957,000	82,800	\$ 45- 100	160,100	---	2,474,200
National Park Service	53,630	20	300	20	400	20
Sport Fisheries and Wildlife	50,513	1,492	40- 150	7,192	100-600	122
Forest Service	18,341,510	383	130	225	---	28,300
Department of Defense	691,035	0	---	0	---	120,000
Corps of Civil Engineers	39,757	0	---	0	---	0
Total	31,586,491	84,895	---	313,777	---	2,622,642
National Grasslands/ L. U. lands ^a	120,599	5,000	---	15,006	---	70,000

Sources: (15), (16), (17), (18), (19), (59), (73)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 8.--Kansas: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	Arable lands (dryland)		Irrigable lands (water avail.)		Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	17,173	1,765	\$200	0	---	0
Bureau of Land Management	1,511	0	---	0	---	0
National Park Service	1,156	150	---	0	---	210
47 Sport Fisheries and Wildlife	39,700	2,500	130	0	---	0
Forest Service	107,255	43,000	100	43,000	250	0
Department of Defense	163,808	27,600	150	0	---	0
Corps of Civil Engineers	258,378	24,400	60	0	---	0
Total	588,981	99,415	---	43,000	---	210
National Grasslands/ L. U. lands ^a	107,255	43,000	---	43,000	---	0

Source: (74)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 9.--Montana: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	323,191	12,000	\$110	5,200	\$325	0
Bureau of Land Management	8,071,610	87,900	35	0	---	8,900
National Park Service	1,137,052	2,000	---	0	---	4,270
Sport Fisheries and Wildlife	112,001	7,260	60-500	400	300	100
Forest Service	16,609,099	165,000	75	0	---	0
Department of Defense	12,593	0	---	0	---	0
Corps of Civil Engineers	588,609	5,000	---	0	---	0
Total	26,914,155	279,160	---	5,600	---	13,270
National Grasslands/ L. U. lands ^a	1,900,637	41,000	---	0	---	1,800

Sources: (20), (21), (59)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 10.--Nebraska: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A		B		C
		Arable lands (dryland)		Irrigable lands (water avail.)		Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	66,907	600	---	1,000	---	0
Bureau of Land Management	7,948	100	---	0	---	600
National Park Service	4,321	550	---	0	---	600
Sport Fisheries and Wildlife	74,586	4,649	---	2,200	---	54
Forest Service	349,399	0	---	0	---	20,000
Department of Defense	79,223	3,700	---	1,700	---	5,200
Corps of Civil Engineers	54,036	0	---	0	---	0
Total	636,420	9,599	---	4,900	---	26,454
National Grasslands/ L. U. lands ^a	103,985	0	---	0	---	20,000

Source: (75)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 11.--Nevada: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	1,171,027	0	---	2,500	\$500	80,500
Bureau of Land Management	48,067,085	0	---	0	---	9,613,414
National Park Service	692,327	0	---	0	---	50,000
Sport Fisheries and Wildlife	1,700,329	80	---	654	---	2,800
Forest Service	5,062,930	0	---	15	---	4,000
Department of Defense	3,944,293	3,725	---	3,725	---	165,000
Corps of Civil Engineers	1,020	0	---	0	---	0
Total	60,639,011	3,805	---	6,894	---	9,915,714
National Grasslands/ L. U. lands ^a	3,287	0	---	0	---	600

Sources: (22), (23), (24), (59)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 12.--New Mexico: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A		B		C	
		Arable lands (dryland)		Irrigable lands (water avail.)		Irrigable lands (water not avail.)	
		Acres	Value/ acre	Acres	Value/ acre	Acres	
Bureau of Reclamation	197,842	0	---	0	---	5,000	
Bureau of Land Management	13,682,908	0	---	0	---	2,233,201	
National Park Service	239,645	0	---	0	---	13,921	
Sport Fisheries and Wildlife	146,835	203	\$150	7,054	\$150-550	2,420	
Forest Service	8,922,268	0	---	4,389	---	67,000	
Department of Defense	2,897,488	0	---	0	---	597,400	
Corps of Civil Engineers	13,326	0	---	0	---	2,600	
Total	26,100,312	203	---	11,443	---	2,921,542	
National Grasslands/ L. U. lands ^a	361,353	0	---	4,000	---	26,009	

Sources: (25), (26)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 13.--North Dakota: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	58,706	0	---	0	---	0
Bureau of Land Management	75,785	3,800	---	0	---	0
National Park Service	69,000	5,760	---	0	---	0
Sport Fisheries and Wildlife	283,666	39,135	\$80-155	4,412	\$60-275	3,700
Forest Service	1,104,958	183,680	---	0	---	0
Department of Defense	12,174	10,790	---	0	---	0
Corps of Civil Engineers	549,987	18,500	---	0	---	0
Total	2,154,276	261,665	---	4,412	---	3,700
National Grasslands/ L. U. lands ^a	1,104,958	183,680	---	0	---	0

Sources: (27), (79)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 14.--Oklahoma: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	73,158	325	---	0	---	35
Bureau of Land Management	17,868	1,200	---	0	---	1,000
National Park Service	6,558	500	\$110	0	---	1,100
Sport Fisheries and Wildlife	115,829	4,237	190-350	485	\$400-500	2,876
Forest Service	46,838	0	---	3,000	150	1,500
Department of Defense	182,688	36,500	---	0	---	36,380
Corps of Civil Engineers	711,899	1,000	---	0	---	2,000
Total	1,154,838	43,762	---	3,485	---	44,891
National Grasslands/ L. U. lands	46,838	0	---	3,000	---	1,500

Source: (80)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 15.--Oregon: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	147,573	535	\$100	22,540	\$325	11,500
Bureau of Land Management	13,573,038	59,100	---	0	---	537,600
National Park Service	160,890	10	300	0	---	0
Sport Fisheries and Wildlife	534,298	4,837	200-	49,517	525	14,101
			70-			
Forest Service	15,039,602	2,660	100	0	---	62,100
Department of Defense	67,567	0	---	0	---	0
Corps of Civil Engineers	94,967	0	---	0	---	0
Total	29,617,935	67,142	---	72,057	---	625,301
National Grasslands/ L. U. lands ^a	184,522	0	---	0	---	10,200

Sources: (28), (29), (82)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 16.--South Dakota: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	value/ acre	Acres
Bureau of Reclamation	45,769	0	---	0	---	0
Bureau of Land Management	277,900	30,000	\$ 50	0	---	3,000
National Park Service	142,141	1,000	\$50-75	0	---	5,000
23 Sport Fisheries and Wildlife	62,404	8,729	---	1,176	---	5,168
Forest Service	1,979,148	186,000	60-150	45,000	---	80,000
Department of Defense	268,440	9,835	---	0	---	2,700
Corps of Civil Engineers	518,786	1,000	---	0	---	1,000
Total	3,294,588	236,564	---	46,176	---	96,868
National Grasslands/ L. U. lands ^a	856,691	186,000	---	45,000	---	80,000

Sources: (31), (83)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 17.--Texas: Estimated acres and values of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	61,504	0	---	0	---	0
Bureau of Land Management	0	0	---	0	---	0
National Park Service	945,621	0	---	0	---	135,547
Sport Fisheries and Wildlife	142,603	6,440	\$135-330	1,205	\$250-400	1,715
Forest Service	117,269	1,200	---	5,000	---	4,000
Department of Defense	458,335	80,500	---	0	---	48,280
Corps of Civil Engineers	613,406	61,000	70-200	0	---	0
Total	2,338,738	149,140	---	6,205	---	189,542
National Grasslands/ L. U. lands ^a	117,269	1,200	---	5,000	---	4,000

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 18.--Utah: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	1,671,113	0	---	1,100	\$450	500
Bureau of Land Management	22,994,469	0	---	0	---	2,415,000
National Park Service	620,438	527	\$30	0	---	27,640
Sport Fisheries and Wildlife	90,587	0	---	2,500	250	300
Forest Service	7,937,673	107	---	21	---	3,000
Department of Defense	1,903,507	0	---	10,000	---	110,900
Corps of Civil Engineers	0	0	---	0	---	0
Total	35,217,787	634	---	13,621	---	2,557,340
National Grasslands/ L. U. lands ^a	18,966	0	---	0	---	9,640

Sources: (32), (33), (34), (84), (85)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 19.--Washington: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	446,502	1,337	\$225	102,800	\$475	0
Bureau of Land Management	273,647	0	---	0	---	25,000
National Park Service	1,229,520	6,150	---	3,060	---	5,070
Sport Fisheries and Wildlife	82,111	2,260	200-800	3,370	525-900	800
Forest Service	10,937,553	137	---	0	---	0
Department of Defense	756,529	3,000	---	48,000	---	11,000
Corps of Civil Engineers	91,996	2,000	---	1,000	---	0
Total	13,817,828	14,884	---	158,230	---	41,870
National Grasslands/ L. U. lands ^a	725	0	---	0	---	0

Sources: (35), (59), (86)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

Table 20.--Wyoming: Estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total acres	A Arable lands (dryland)		B Irrigable lands (water avail.)		C Irrigable lands (water not avail.)
		Acres	Value/ acre	Acres	Value/ acre	Acres
Bureau of Reclamation	946,407	100	---	102,847	\$300	27,470
Bureau of Land Management	17,870,000	203,000	---	283,745	---	1,915,820
National Park Service	2,605,544	3,000	---	0	---	4,000
26 Sport Fisheries and Wildlife	38,255	0	---	800	---	1,500
Forest Service	9,167,561	260,000	---	0	---	485,000
Department of Defense	28,372	3,000	---	0	---	3,000
Corps of Civil Engineers	0	0	---	0	---	0
Total	30,656,139	469,100	---	387,392	---	2,436,790
National Grasslands/ L. U. lands ^a	582,185	50,000	---	0	---	125,000

Sources: (36), (59)

^aIncluded in Bureau of Land Management and/or Forest Service figures.

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APPENDIX

Table 3b. --Acres of National Grasslands (L. U. Lands) deemed suitable for intensive crop production administered by Bureau of Land Management and Forest Service

States	Bureau of Land Management			Forest Service		
	Dryland	Irrigable water avail.	Irrigable no water	Dryland	Irrigable water avail.	Irrigable no water
----- acres -----						
Arizona	0	0	38, 832	0	0	0
California	0	0	0	0	0	9,000
Colorado	0	0	0	0	0	140,000
Idaho	5,000	15,000	50,000	0	6	20,000
Kansas	0	0	0	43,000	43,000	0
Montana	41,000	0	1,800	0	0	0
Nebraska	0	0	0	0	0	20,000
Nevada	0	0	600	0	0	0
New Mexico	0	0	24,009	0	4,000	2,000
North Dakota	0	0	0	183,680	0	0
Oklahoma	0	0	0	0	3,000	1,500
Oregon	0	0	10,000	0	0	1,200
South Dakota	0	0	0	186,000	45,000	80,000
Texas	0	0	0	1,200	5,000	4,000
Utah	0	0	9,640	0	0	0
Washington	0	0	0	0	0	0
Wyoming	0	0	0	50,000	0	125,000
Totals	46,000	15,000	134,881	463,880	100,006	402,700

Note: This Table (3b) summarizes and corrects Appendix Tables 21-37 of Volume IV.

Table 21-1.--Arizona: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
37 All projects administered from Boulder City, Nevada*	1,298,700	0	---	6,000	405	105,000
Glen Canyon	91,257	0	---	0	---	0

*Includes lands in pending revocation of Reclamation withdrawal within Lake Mead Reclamation Area. Contact was W. S. Phillips, Boulder City, Nevada, August 23, 1968.

Table 21-2.--Arizona: Bureau of Land Management-estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Arizona Strip	2,805,936	0	---	0	---	700,000
Phoenix	8,788,120	0	---	0	---	3,500,000
Safford	1,331,934	0	---	0	---	500,000
Totals	12,925,990	0	---	0	---	4,700,000*

Based on interpretation of map of potentially irrigable land by Task Force of the Land Use and Management Work Group for the Lower Colorado Region. *BLM figures for irrigable land (water not avail.): 3,589,622 acres.

Table 21-3.--Arizona: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Casa Grande Ruins	473	0	---	0	---	310
Chiricahua, N. M.	10,559	0	---	0	---	250
Coronado, N. M.	2,834	0	---	0	---	60
El Morro, N. M.	960	0	---	0	---	500
Fort Bowie, N. H. S.	900	0	---	200	50	400
Glen Canyon, N. R. A.	74,125	0	---	0	---	6,500
Grand Canyon, N. M.	193,019	0	---	0	---	50,000
Grand Canyon, N. P.	673,203	0	---	0	---	150,000
Gran Quivira, N. M.	611	0	---	0	---	611
Lake Mead, N. R. A.	600,000	0	---	0	---	0
Montezuma Castle	783	0	---	20	150	75
Navajo, N. M.	360	0	---	0	---	0
Organ Pipe, N. M.	328,691	0	---	0	---	150,000
Petrified Forest, N. P.	94,189	0	---	0	---	43,000
Saguaro, N. M.	76,828	0	---	0	---	8,000
Sunset Crater, N. M.	3,040	0	---	0	---	0
Tonto, N. M.	1,120	0	---	0	---	300
Tuzigoot, N. M.	43	0	---	0	---	0
Walnut Canyon, N. M.	1,642	0	---	0	---	0
Wupatki, N. M.	35,232	0	---	0	---	20,000
Total	2,098,512	0	---	220	75	430,006

Contact: Eslye H. Lampi, N. P. S. SW Region, Santa Fe, New Mexico. Data based on judgment of Resources Management Staff personnel, N. P. S., October 22, 1968.

Table 21-4.--Arizona: Bureau of Sport Fisheries and Wildlife-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Cabeza Prieta	860,040	0	---	0	---	0
Cibola	12,058	0	---	3,500	550	3,000
Havasu Lake	41,457	0	---	625	300	3,000
Imperial	25,764	0	---	250	620	0
Kofa	660,042	0	---	0	---	0
Totals	1,599,361	0	---	4,375	---	6,000

Contacts: W. T. Krummes, Regional Director and J. J. Harmon, Assistant Regional Director, October 15, 1968.

Table 21-5.--Arizona: U.S. Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Apache	1,191,765	0	---	30	500	0
Coconino	1,807,761	0	---	99	1,500	4,000
Coronado	1,720,936	0	---	0	---	0
Kaibab	1,719,346	0	---	0	---	1,000
Prescott	1,248,454	0	---	10	1,000	3,000
Sitgreaves	802,782	0	---	0	---	11,000
Tonto	2,886,185	0	---	41	500	1,000
Total	11,377,229	0	---	180	1,000	20,000

Contact: D. D. Cutler, Assistant Regional Forester, November 22, 1968. Criteria used were soil surveys.

Table 21-6.--Arizona: Department of Defense--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Army	1,031,302	0	---	0	---	206,000
Air Force	2,574,441	0	---	0	---	1,673,000
Navy	3,226	0	---	0	---	0
Total	3,608,969	0	---	0	---	1,879,000
Corps of Civil Engineers	33,808	0	---	0	---	5,000

Data based on interpretation map of potentially irrigable soils made by Task Force of the Land Use and Management Work Group for the Lower Colorado Region (Billy Seay).

Table 22-1.--California: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Cachuma	10,308	0	---	0	---	100
Solano	29,503	700	100	0	---	100
Santa Maria	4,760	0	---	0	---	300
Ventura	7,007	0	---	0	---	0
Orland	7,344	395	150	0	---	0
Central Valley	185,140	1,160	150	2,630	1,000	0
Washoe	6,619	0	---	0	---	0
Klamath	122,466	1,855	150	17,630	450	920
Truckee Storage	2,001	0	---	0	---	0
Boulder City	734,200	0	---	0	---	139,200
Totals	1,121,136	4,110	150	20,260	---	140,620

Contact: W. E. Taggart, Chief of Land Management, Sacramento. Estimates supported by land classification and judgment of BR personnel.

Table 22-2.--California: Bureau of Land Management--estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Ukiah	457,476	0	---	0	---	5,000
Redding	354,485	0	---	0	---	20,000
Susanville	1,264,631	0	---	0	---	70,000
Folsom	649,528	0	---	0	---	5,000
Bakersfield	4,706,233	0	---	0	---	1,500,000
Riverside	9,383,645	0	---	0	---	2,800,000
Totals	16,815,998	0	---	0	---	4,400,000

Contact: Howard Richmond, River Basin Planner. Data were developed by visually comparing land ownership maps and soils maps using Type I River Basin acreage estimates on hydrologic units.

Table 22-3.--California: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Cabrillo	80	0	---	0	---	0
Channel Island	18,170	0	---	0	---	0
Death Valley	1,767,760	0	---	0	---	0
Devil's Postpile	800	25	1,000	25	---	25
John Muir	10	5	2,750	5	---	5
Joshua Tree	511,580	0	---	0	---	0
King's Canyon	459,470	40	400	40	---	40
Lassen Volcano	106,280	0	---	0	---	0
Lava Beds	46,240	200	400	0	---	200
Muir Woods	480	6	---	0	---	6
Pinnacles	13,620	0	---	0	---	0
Point Reyes	32,220	0	---	0	---	0
Sequoia	385,410	0	---	0	---	0
Whiskey Town S. T.	18,190	100	---	100	---	100
Yosemite	759,080	1,340	---	1,340	---	1,340
Totals	4,119,390	1,716	400	1,516	690	1,716

Contact: Merle E. Stitt, Acting Assistant Regional Director, National Park Service
 Francisco, November 7, 1968. Data estimated by regional specialists.

Table 22-4.--California: Bureau of Sport Fisheries and Wildlife--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Klamath Basin	10,295	0	---	0	---	0
Sheldon Hart Mtn.	6,150	0	---	3,590	500	0
Kern Perley	14,789	0	---	3,200	200	11,589
Sacramento	23,040	1,118	300	15,511	600	1,906
Salton Sea	8,986	0	---	0	---	0
San Luis	7,360	0	---	600	600	0
Merced	2,561	0	---	2,100	600	0
Salton Sea	4,116	0	---	2,020	900	0
Honey Lake	828	0	---	80	200	0
Topaz Lake	200	0	---	0	---	0
Tower House Spr.	570	0	---	0	---	0
Totals	78,895	1,118	---	27,101	---	13,495

Contact: John D. Findley, Division of Wildlife Refuges, Portland, Oregon. Data based on soil surveys and judgment of specialists.

Table 22-5.--California: U.S. Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Angeles	648,873	43	---	0	---	500
Cleveland	393,220	72	---	0	---	1,000
Eldorado	652,629	0	---	0	---	2,000
Inyo	1,835,937	0	---	0	---	200
Klamath	1,696,959	87	---	0	---	0
Lassen	1,045,587	5	---	0	---	400
Los Padres	1,724,026	22	---	0	---	600
Mendocino	872,287	0	---	0	---	0
Modoc	1,689,777	1	---	0	---	200
Plumas	1,146,745	1	---	0	---	0
San Bernadino	435,812	8	---	0	---	500
Sequora	1,115,596	0	---	0	---	0
Shasta Trinity	2,067,255	27	---	0	---	500
Sierra	1,294,113	1	---	0	---	1,000
Six Rivers	939,713	4	---	0	---	500
Stanislaus	896,292	0	---	0	---	250
Tahoe	697,015	7	---	0	---	1,000
Tio Yahe	629,536	0	---	0	---	200
Butte Valley	18,315	0	---	0	---	9,000
San Joaquin	800	0	---	0	---	0
Total	18,754,900	272	---	0	---	17,850

Contact: Joseph V. Flynn, Assistant Regional Director, Forest Service, September 16, 1968. Data estimated by specialists.

Table 22-6.--California: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Army	979,888	68,000	---	34,000	---	680,000
Air Force	469,191	31,000	---	21,000	---	325,000
Navy	2,253,063	66,000	---	33,000	---	550,000
Atomic Energy Commission	3,709,735	165,000	---	88,000	---	1,555,000
Corps of Civil Engineers	77,624					

Estimates for these data taken from detailed studies, from general map reports, River Basin Surveys, and knowledge of the area. Estimates furnished by SCS, Berkeley, California, November 27, 1968.

^aThese lands primarily are peripheral areas around reservoirs.

Table 23-1.--Colorado: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Lands administered from Salt Lake City office						
Cliffs Divide	3,686	0	---	0	---	0
Collbran	3,949	0	---	0	---	0
Fruit Growers	565	0	---	0	---	0
Grand Valley	3,432	0	---	0	---	0
Nancos	834	0	---	0	---	0
Pine River	3,696	0	---	0	---	0
Animos LaPlata	2,833	0	---	0	---	0
Bostwick	810	0	---	0	---	0
Cross Mt. Unit	27,265	0	---	0	---	0
Curecanti Unit	46,097	0	---	0	---	0
Dewey Unit	21,972	0	---	0	---	0
Delores	5,120	0	---	0	---	0
Ecko Park Unit	98,245	0	---	0	---	0
Florida	2,011	0	---	0	---	0
Fruitland Mesa	22,554	0	---	7,749	300	0
Nado Unit	23,990	0	---	0	---	0
Navajo	5,469	0	---	0	---	0
Paonia	2,757	0	---	0	---	0
Savory Pot Rook	23,750	2,000	---	5,700	250	0
Silt	1,492	0	---	0	---	0

Table 23-1.--(cont.) Colorado: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Projects	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Smith Fork	774	0	---	0	---	0
Whitewater	28,133	0	---	0	---	0
Uncompahgre	14,330	0	---	0	---	0
West Divide	739	0	---	0	---	0
Yampa White	2,782	0	---	0	---	0
Juniper	11,202	0	---	0	---	0
Transmission	9,550	0	---	0	---	0
Lands administered from Denver office						
Region 7	477,779	0	---	0	---	0
Totals	806,266	2,000	---	13,449	---	0

Contacts: Henry J. Hoff, Chief, Land Resource and Soils Laboratory, Denver; Les Butterfield, Chief of Land Branch; Paul Schaffer, Chief of Land Resources, Salt Lake City. Approximately 90-95% of area is water surface acreage suitable for agriculture production.

Table 23-2.--Colorado: Bureau of Land Management--estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Craig District	2,843,122	95,000	100	24,400	150	45,400
Glenwood Springs	677,792	920	100	660	245	73,420
Montrose	2,267,217	1,000	40	36,000	150	3,000
Canon City	1,215,136	4,500	20	8,500	200	0
Grand Junction	1,291,368	0	---	2,860	150	0
State Total	8,294,635	101,420	---	72,420	---	121,820

Contacts: E.I. Rowland, State Director, Denver, Colorado. Andri Sent, Chief, Branch of Land Acquisition and Exchange. Data were developed by specialists from "Water and Related Resources White River Basin" study and Impact Report for proposed Bureau of Reclamation projects.

Table 23-3.--Colorado: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Great Sand Dunes	35,530	0	---	0	---	14,500
Hovenweep	505	0	---	0	---	100
Mesa Verde	51,252	0	---	0	---	2,400
Yucca House	10	0	---	0	---	0
Totals	87,297	0	---	0	---	17,000

Contacts: Monte E. Fitch, Acting Assistant Regional Director of Operations, Santa Fe, New Mexico; Eslie H. Lampi, Division of Lands, Santa Fe, New Mexico. Estimated acreages provided by National Park Service personnel of Santa Fe, New Mexico.

Table 23-4.--Colorado: Bureau of Sport Fisheries and Wildlife--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Alamosa	7,615	0	---	300	150	200
Browns Valley	3,262	0	---	1,306	150	1,100
Monte Vista	13,547	0	---	320	250	2,000
Total	24,424	0	---	1,926	---	3,300

Contact: Lewis R. Garlick, Acting Regional Director, Minneapolis, Minnesota.
Data were developed by specialists and field managers of Bureau of Sport Fisheries and Wildlife.

Table 23-5.--Colorado: U.S. Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Arapaho	1,003,373	0	---	0	---	0
Grand Mesa	1,317,968	0	---	0	---	0
Gunnison	1,662,860	0	---	0	---	0
Pike	1,106,101	0	---	0	---	0
Fountain Creek	560	0	---	0	---	0
Rio Grande	1,799,389	0	---	0	---	0
Pawnee	193,100	0	---	0	---	40,000
Routt	1,125,045	0	---	0	---	0
San Isabel	1,106,510	0	---	0	---	0
Comanche	419,089	0	---	0	---	100,000
San Juan	1,850,405	0	---	0	---	0
White River	1,960,183	0	---	0	---	0
Total	13,544,583	0	---	0	---	140,000
L. U./National Grasslands						
Pawnee	193,100	0	---	0	---	40,000
Comanche	419,089	0	---	0	---	100,000
Total	612,189	0	---	0	---	140,000

Contact: Earl Hendrickson, Assistant Regional Forester, Denver, Colorado. Data were developed by Forest Service personnel of Denver office.

Table 23-6.--Colorado: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Army	148,447	0	---	0	---	15,000
Air Force	27,048	0	---	0	---	1,000
Navy	63,001	0	---	0	---	0
Total	238,496	0	---	0	---	16,000
Corps of Civil Engineers	26,204	0	---	0	---	0

Contact: Frederick R. Conner, Chief, Management and Disposal Branch, Omaha, Nebraska.
 Estimates for these data taken from detailed studies, from general map reports, River Basin Surveys, and knowledge of the area.

Table 24-1.--Idaho: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
*Boise	99,574	200	225	40	350	0
*Minidoka	119,673	0	---	7,200	400	0
*Sooth West Idaho	193,515	0	---	139,000	400	0
*General Investiga- tions	1,573	0	---	0	---	0
*Mann Creek	1,116	0	---	0	---	0
*Challis	760	0	---	0	---	0
*Palisades	29,860	0	---	0	---	0
*Littlewood River	976	0	---	0	---	0
*Jordan Valley	1,360	0	---	0	---	0
*Owyhee	2,427	0	---	0	---	0
**Preston Bench	132	0	---	0	---	0
**Bear River	2,082	0	---	0	---	0
Total	453,046	200	---	146,240	---	0

Contacts: F. M. Warnick, Chief, Regional Project Development Engineer; John H. Welch, Land Management Division, Boise, Idaho; L. M. Butterfield, Chief of Land Branch, and Paul Schaffer, Chief of Land Resources of Salt Lake City, Utah. Data were developed from land classification records by land types I, II, III by the Bureau of Reclamation. *Lands administered from Boise office **Lands administered from Salt Lake City office.

Table 24-2.--Idaho: Bureau of Land Management-estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Boise	5,224,000	0	---	75,000	50	1,800,000
Burley	1,250,000	80,000	45	15,000	50	72,000
Idaho Falls	2,098,000	2,000	25	50,000	50	100,000
Salmon	1,323,000	0	---	5,000	25	480,000
Shoshone	1,867,000	0	---	15,000	40	22,000
Coeur d'Alene	195,000	800	250	100	100	200
Total	11,957,000	82,800	---	160,100	---	2,474,200
Land Utilization and National Grassland	73,000	5,000	45	15,000	50	50,000

Contacts: Joe T. Fallini, State Director, and Orval G. Hadley, Manager, Land Office, BLM, Boise, Idaho. Data: (1) University of Idaho Soil Survey. (2) Bureau of Reclamation Soil Survey, (3) Judgement of district specialists.

Table 24-3.--Idaho: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Craters of the Moon	53,550	0	---	0	---	0
Nez Perce	80	20	300	20	400	20
Total	53,630	20	---	20	---	20

Contact: Merle E. Stitt, Acting Assistant Regional Director, Western Region, San Francisco, California. Data were developed as estimates by regional specialists of National Park Service.

Table 24-4.--Idaho: Bureau of Sport Fisheries and Wildlife--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Minidoka	1,320	0	---	0	---	0
Camas	10,656	0	---	1,500	200	0
Deerflat	1,095	0	---	417	600	80
Kootenai	2,762	0	---	1,600	500	0
Grays Lake and Bear Lake	30,655	1,492	150	3,675	100	42
Other	4,025	0	---	0	---	0
Total	50,513	1,492	---	7,192	---	122

Contacts: John D. Findley, Regional Director; William M. Lindsay, Regional Supervisor of Division of Realty; C. J. Langford, Assistant Supervisor of Division of Wildlife Refuge, Portland, Oregon. Data supported by judgment of specialists, soil surveys, and cover typing in agency reports.

Table 24-5.--Idaho: U.S.Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
*Boise	2,632,321	5	100	28	---	5,000
*Cache	264,141	0	---	0	---	100
*Carribou	963,952	200	---	58	---	500
*Challis	2,447,243	0	---	58	---	200
*Salmon	1,767,585	0	---	24	---	500
*Payette	2,307,158	62	---	40	---	1,000
*Sawtooth	1,731,526	0	---	0	---	400
*Targhee	1,319,532	0	---	11	---	600
*Curlew - L. U.	47,599	0	---	6	---	20,000
**Bitterroot	460,812	0	---	0	---	0
**Clearwater	1,675,562	0	---	0	---	0
**Coeur d'Alene	723,168	28	---	0	---	0
**Kanishu	891,939	24	---	0	---	0
**Kootenai	48,851	0	---	0	---	0
**Nezpeze	198,094	18	---	0	---	0
**St. Joe	862,027	1	---	0	---	0
Total	18,341,510	383	---	225	---	28,300
National Grassland and Land Utilization	47,599	0	---	6	---	20,000

Contacts: William H. Shaw, Chief, Branch of Land Use, Ogden, Utah; P. M. Yovetich, Forester; and E. F. Barry, Chief, Division of Recreation and Lands, Missoula, Montana. Data were provided by U. S. Forest Service personnel.

*National Forests administered from Intermountain Region, Ogden, Utah.

**National Forests administered from Northern Region, Missoula, Montana.

Table 24-6.--Idaho: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Army	3,182	0	---	0	---	0
Air Force	115,586	0	---	0	---	0
Atomic Energy	572,267	0	---	0	---	120,000
Total	691,035	0	---	0	---	120,000
Corps of Civil Engineers	0	0	---	0	---	0

Contacts: Technical Program Staff, Soil Conservation Service, Boise, Idaho. Data are projected estimates based on the judgment of soil specialists as determined from soil surveys and land classification for adjacent areas.

Table 25-1.--Kansas: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Wichita	17,173	1,765	200	---	0	0
Total	17,173	1,765	200	---	0	0

Contacts: Leon Hill, Regional Director; O. J. Lowry, Chief of Land Management; George Loomis, Agriculture Economist, Amarillo, Texas. Data are based on soil conservation classification surveys and estimates by Bureau of Reclamation.

Table 25-2.--Kansas: Bureau of Land Management--estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
All BLM Lands	1,511	0	---	0	---	0

These lands estimated as not suitable for agricultural production; however, no specific data are available.

Table 25-3.--Kansas: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Fort Larned	406	0	---	0	---	0
Fort Scott	750	150	150	0	---	210
Total	1,156	150	---	0	---	210

Contact: Fred Fagergren, Regional Director, Omaha, Nebraska. Data based on land use capability classification and estimates by specialists.

Table 25-4.--Kansas: Bureau of Sport Fisheries and Wildlife--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Flint Hills	18,500	0	---	0	---	0
Quivira	21,200	2,500	130	0	---	0
Total	39,700	2,500	130	0	---	0

Contacts: William J. Krummes, Regional Director; J. J. Harmon, Assistant Regional Supervisor and Division of Wildlife Refuge, Albuquerque, New Mexico. Data were based on (1) Soil Survey and Land Use Classification by Soil Conservation Service, (2) judgment by specialists, (3) field evaluation by refuge managers.

Table 25-5.--Kansas: U.S.Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Cimarron --L. U. Lands	107,255	43,000	100	43,000	250	0
Total-- L. U. Land	107,255	43,000	---	43,000	---	0

Contacts: Earl Hendrickson, Assistant Regional Forester, Denver, Colorado; Technical Program Staff, Soil Conservation Service, Salina, Kansas. Data secured with assistance of Soil Conservation Service and based on knowledge of the area and on surveys of similar soils in adjacent areas.

Table 25-6.--Kansas: Department of Defense--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Army	116,710	23,000	150	0	---	0
Air Force	45,164	4,500	150	0	---	0
Navy	1,934	100	150	0	---	0
Total	163,808	27,600	150	0	---	0
Corps of Civil Engineers	258,378	24,400	60	0	---	0

Contacts: Frederick R. Conner, Chief, Management and Disposal Branch, Omaha; Technical Program Staff, Soil Conservation Service, Salina, Kansas. Data are estimates obtained with assistance of Soil Conservation Service soil scientists, based on knowledge of the lands and projected from surveys of similar soils.

Table 26-1.--Montana: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Buffalo Rapids	81	0	---	0	---	0
Fort Peck	188	0	---	0	---	0
Hantley	973	0	---	0	---	0
Yellowstone Lower	4,084	0	---	0	---	0
Milk River	87,011	2,000	120	100	150	0
Canyon River	42,858	0	---	1,500	350	0
East Bench	10,061	0	---	0	---	0
Helena Valley	1,060	0	---	0	---	0
Lower Morias	62,636	10,000	100	2,000	300	0
Missouri Diversion	2,428	0	---	1,000	300	0
Moorhead	4,564	0	---	0	---	0
Three Forks Division	722	0	---	100	300	0
Yellowstone Unit	33,797	0	---	0	---	0
Sun River	41,958	0	---	500	300	0
Frenchtown	132	0	---	0	---	0
Hungry Horse	30,638	0	---	0	---	0
Total	323,191	12,000	---	5,200	---	0

Contacts: John Robertson, Head, Land Uses and Recreation Branch; D. Merlin Archibald, Natural Resource Specialist, Billings, Montana; John H. Welch, Land Management Division, Boise, Idaho, Bureau of Reclamation. Data were taken from Bureau of Reclamation file records on land classification types I, II, III lands.

Table 26-2.-- Montana: Bureau of Land Management-estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Malta	1,825,951	18,000	40	0	---	0
L. Utilization	934,889	36,000	40	0	---	400
Miles City	2,238,342	15,000	40	0	---	5,000
L. Utilization	537,965	1,000	40	0	---	800
Billings	305,000	400	35	0	---	1,000
L. Utilization	73,400	0	---	0	---	200
Dillon	1,062,127	8,000	30	0	---	0
Lewiston	532,770	5,000	30	0	---	200
L. Utilization	354,383	4,000	35	0	---	400
Missoula	206,783	500	35	0	---	100
Total	8,071,610	87,900	---	0	---	8,900
Land Utilization	1,900,637	41,000	---	0	---	1,800

Contacts: E. L. Kemmis, Economist, Bureau of Land Management, Billings, Montana; Technical Program Staff, Soil Conservation Service, Bozeman, Montana; A. H. Post, Soils Department, Montana State University, Bozeman, Montana. Data are estimates provided through the assistance of Soil Conservation Service by projecting and comparing land ownership maps and soil surveys with the public domain areas.

Table 26-3.--Montana: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Glacier	1,013,129	0	---	0	---	1,000
Custer Battlefield	765	0	---	0	---	270
Bighorn	122,623	2,000	30	0	---	3,000
Bighole	525	0	---	0	---	0
Total	1,137,052	2,000	---	0	---	4,270

Contact: Robert L. Giles, Acting Regional Director, National Park Service, Omaha, Nebraska. Data are estimates based on Soil and Moisture Conservation Needs Inventory and related reports.

Table 26-4.--Montana: Bureau of Sport Fisheries and Wildlife--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Red Rock Lakes	33,073	0	---	0	---	0
Ravilla	2,280	0	---	400	300	0
Benton Lake	130	0	---	0	---	0
National Bison Range	18,542	600	300	0	---	0
Black Coulee	640	100	60	0	---	0
Creedman Coulee	80	0	---	0	---	0
Red Rock Lakes	6,870	0	---	0	---	0
Medicine Lake	31,457	2,000	125	0	---	100
Benton Lake	12,235	4,560	150	0	---	0
Federal Aids Lands	6,694	0	---	0	---	0
Total	112,001	7,260	---	400	---	100

Contacts: John D. Findlay, Regional Director; William M. Lindsay, Regional Supervisor of Division of Realty; C. J. Langford, Assistant Supervisor of Division of Wildlife Refuge, Portland, Oregon. Data were developed from soil surveys and coertyping in agency reports and by judgment of specialists.

Table 26-5.--Montana: U.S. Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Beaver Head	2,111,058	5,000	70	0	---	0
Bitterroot	1,115,147	10,000	80	0	---	0
Custer	1,112,175	110,000	80	0	---	0
Deer Lodge	1,181,276	0	---	0	---	0
Flathead	2,341,832	5,000	70	0	---	0
Gallatin	1,699,548	0	---	0	---	0
Helena	969,004	10,000	70	0	---	0
Kaniksu	446,966	0	---	0	---	0
Kootena	1,770,926	10,000	70	0	---	0
Lewis & Clark	1,834,652	10,000	70	0	---	0
Lolo	2,086,357	5,000	70	0	---	0
Miscellaneous	158	0	---	0	---	0
Total	16,669,099	165,000	---	0	---	0

Contacts: P. M. Yovetich, Forester, Section Land Status, Missoula, Montana; Technical Program Staff, Soil Conservation Service, Bozeman, Montana; A. H. Post, Soils Department, Montana State University, Bozeman. Data were developed as estimates, through assistance of Soil Conservation Service personnel, by projecting and comparing land ownership to classified soils.

Table 26-6.--Montana: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Army	6,659	0	---	0	---	0
Air Force	5,934	0	---	0	---	0
Total	12,593	0	---	0	---	0
Corps of Civil Engineers	558,609	5,000	70	0	---	0

Data are estimates made by comparing ownership maps and projecting the acreages from areas of similar soils and topography.

Table 27-1.--Nebraska: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Combined Projects	66,907	600	---	1,000	---	0

Contact: Henry J. Hoff, Chief, Land Resource and Soil Laboratory, Denver, Colorado. Data were estimated based on maps and general knowledge of areas.

Table 27-2.-- Nebraska: Bureau of Land Management-estimated acres and value of federal public lands suited for intensive agriculture, 1968.

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
All BLM Lands	7,948	100	---	0	---	600

Contacts: E. Pierson, State Director; O. J. Simpson, Chief, Division Lands and Minerals Program Management, and Phillip Hamilton, Economist Planner, Cheyenne, Wyoming. Data are estimated acreages based on general knowledge of area and soils in adjacent areas.

Table 27-3.--Nebraska: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Agate Fossil Beds	2,800	200	---	0	---	200
Scotts Bluff	3,084	350	---	0	---	300
Homestead	163	0	---	0	---	100
Total	4,321	550	---	0	---	600

Contact: Robert L. Giles, Acting Regional Director, Omaha, Nebraska. Data are estimated acreages obtained from Midwest National Park Service Report of November, 1968.

Table 27-4.--Nebraska: Bureau of Sport Fisheries and Wildlife--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Valentine	71,516	0	---	0	---	0
Hastings	9,468	4,595	350	2,200	500	0
Ft. Niobrara	19,122	54	80	0	---	0
Crescent Lake	45,996	0	---	0	---	0
Total	74,586	4,649	---	2,200	---	0

Contact: Lewis R. Garlick, Acting Regional Director, Minneapolis, Minnesota.
Data were developed by refuge managers supported by soil surveys from Soil Conservation Service, judgment of specialists, and county extension agent.

Table 27-5.--Nebraska: U.S.Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
C. P. F. O.	245,414	0	---	0	---	0
Oglala - Land Utilization	103,985	0	---	0	---	20,000
Total	349,399	0	---	0	---	20,000

Contact: Earl Hendrickson, Assistant Regional Forester, Denver, Colorado. Data were developed by Forest Service personnel of Denver office.

Table 27-6.--Nebraska: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Army	33,643	1,200	---	600	---	1,700
Navy	37,870	2,500	---	1,100	---	3,500
Air Force	7,710	0	---	0	---	0
Total	79,223	3,700	---	1,700	---	5,200
Corps of Civil Engineers	54,036	0	---	0	---	0

Contact: Frederick R. Conner, Chief, Management and Disposal Branch, Corps of Engineers, Omaha, Nebraska. Data were developed from general information on area by using maps and soil surveys of comparable areas to project estimated acreages.

Table 28-1.--Nevada: Bureau of Reclamation--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)	
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres	
*Washoe	8,713	0	---	0	---	400	- \$250
*Newlands	468,145	0	---	0	---	75,000	- \$250
*Humboldt	82,269	0	---	0	---	3,000	- \$300
Administered from Boulder City	611,600	0	---	2,500	500	2,100	
Total	1,171,027	0	---	2,500	500	80,500	

Contact: W. E. Jaggert, Chief, Land Management Division; Franch Pecarich, Assistant Land Management Division, Bureau of Reclamation, Sacramento, California; W. L. Phillips, Acting Regional Director, Boulder City, Nevada. Data are taken from records of Bureau of Reclamation for land classes type I, II, III having suitability for irrigation.

*Projects administered from Bureau of Reclamation office of Sacramento, California.

Table 28-2.--Nevada: Bureau of Land Management-estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Elko	7,395,538	0	---	0	---	1,479,107
Winnemucca	7,626,620	0	---	0	---	1,523,324
Carson City	5,136,345	0	---	0	---	1,027,269
Ely	8,036,464	0	---	0	---	1,607,292
Las Vegas	9,887,310	0	---	0	---	1,977,462
Battle Mountain	8,501,544	0	---	0	---	1,700,308
Susanville	1,431,976	0	---	0	---	286,395
Boise	51,288	0	---	0	---	10,257
Total	48,067,085	0	---	0	---	9,613,414
Land Utilization	3,287	0	---	0	---	600

Contacts: Nolan F. Keil, State Director; M. Buzan, Chief, Division of Resource Management; Rolla Chandler, Chief of Lands and Minerals, BLM, Reno, Nevada.
Data taken from reports of Planning Subcommittee, Pacific Southwest Inter-Agency Committee but are subject to change upon completion of studies under Type I River Basin Framework studies for the lower Colorado River and Great Basin Regions.
Note: 4,806,207 acres valued at \$25 per acre, 2,403,353 acres at \$15, and remainder at \$10 per acre undeveloped.

Table 28-3.--Nevada: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Death Valley	115,240	0	---	0	---	0
Lehman Caves	640	0	---	0	---	0
Lake Mead	692,327	0	---	0	---	50,000
Total	808,207	0	---	0	---	50,000

Contacts: Monte E. Fitch, Acting Regional Director, Santa Fe, New Mexico;
Merle E. Stitt, Acting Regional Director, San Francisco, California
Source of data are estimates made by specialists and staff members of National Park Service.

Table 28-4.--Nevada: Bureau of Sport Fisheries and Wildlife--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Ruby Lake	37,191	80	30	340	90	2,600
Desert N. W. R. & Pahrnagat	1,593,409	0	---	314	135	200
Sheldon Hart Mtn.	54,909	0	---	0	---	0
Railroad Valley	14,720					
Total	1,700,329	80	---	654	---	2,800

Contacts: John D. Findlay, Regional Director; William M. Lindsay, Regional Supervisor of Division of Realty; C. J. Langford, Assistant Supervisor of Division of Wildlife Refuge, Portland, Oregon. Data were developed by specialists of Bureau of Sport Fisheries and Wildlife.

Table 28-5.--Nevada: U.S.Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Humboldt	2,512,258	0	---	15	---	2,000
Toiyable	2,490,057	0	---	0	---	2,000
Eldorado	40	0	---	0	---	0
Inyo	60,576	0	---	0	---	0
Total	5,062,930	0	---	15		4,000

Contacts: William H. Shaw, Branch Chief, Land Uses, Ogden, Utah; Joseph V. Flynn, Assistant Regional Director, San Francisco, California. Data were developed as estimates by personnel of U. S. Forest Service.

Table 28-6.--Nevada; Department of Defense--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Atomic Energy	795,911	0	---	0	---	30,000
Air Force	2,929,156	0	---	0	---	120,000
Navy	212,054	0	---	3,725	300	15,000
Army	7,167	0	---	0	---	0
Total	3,944,293	0	---	3,725	---	165,000
Corps of Civil Engineers	1,020	0	---	0	---	0

Contacts: Technical Program Staff, Soil Conservation Service, Reno, Nevada. Data were developed, with assistance of Soil Conservation Service, as projected estimates from existing surveys of similar soils in adjacent areas.

Table 29-1.--New Mexico: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Animes La Plata	1,159	0	---	0	---	0
Hammond	158	0	---	0	---	0
Navajo	33,132	0	---	0	---	0
Transmission	501	0	---	0	---	0
Carlsbad)						
Reo Grande)						
Vermejo)	All projects					
Middle Reo Grande)	160,892	0	---	0	---	5,000
Hondo)						
Fort Sumner)						
Total	197,842	0	---	0	---	0

Contacts: L. M. Butterfield, Chief, Land Resource, Salt Lake City, Utah; O. J. Lowry, Chief of Land Management, Amarillo, Texas. Data were developed from file records of Bureau of Reclamation on land classification.

Table 29-2.--New Mexico: Bureau of Land Management--estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Albuquerque	2,874,480	0	---	0	---	646,585
Socorro	1,654,069	0	---	0	---	100,000
Las Cruces	5,543,062	0	---	0	---	500,000
Roswell	3,611,297	0	---	0	---	486,616
Total	13,682,908	0	---	0	---	1,733,201
Land Utilization						
Albuquerque	216,258	0	---	0	---	21,625
Las Cruces	3,822	0	---	0	---	0
Roswell	4,768	0	---	0	---	2,384
Total L. U.	224,848	0	---	0	---	24,009

Contacts: H. A. Berends, Chief, Land Acquisition and Exchange; Peter A. Gutierrez, Supervisor of Land Examiners, Santa Fe, New Mexico; Technical Program Staff, Soil Conservation Service, Albuquerque, New Mexico. Data are supported by soil surveys, River Basin studies, watershed specialists and provided by BLM and Soil Conservation Service.

Table 29-3.--New Mexico: National Park Service-estimated acres and value of federal public lands suitable for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Bandelier	29,661	0	---	0	---	0
Capulin Mountain	720	0	---	0	---	0
Carlsbad Caverns	46,433	0	---	80	---	5,000
Chaco Canyon	20,989	0	---	0	---	8,000
Fort Union	721	0	---	0	---	721
Gila Cliff	533	0	---	0	---	0
Pecos	341	0	---	0	---	200
White Sands	140,247	0	---	0	---	0
Total	239,645	0	---	0	---	13,921

Contact: Monte E. Fitch, Acting Assistant Regional Director, Operations, Santa Fe, New Mexico. Data based on multiple judgment of Resource Management personnel of National Park Service.

Table 29-4.--New Mexico: Bureau of Sport Fisheries and Wildlife-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Bitter Lake	23,149	203	150	0	---	0
Basque Del Apache	57,191	0	---	4,139	550	420
Las Vegas	6,593	0	---	2,000	150	2,000
Maxwell	2,687	0	---	915	200	0
San Andres	57,215	0	---	0	---	0
Total	146,835	203	---	7,054	---	2,420

Contact: William T. Krummes, Regional Director, Albuquerque, New Mexico.
Data were developed by personnel of Sport Fisheries and Wildlife and based on field evaluations of areas under study.

Table 29-5.--New Mexico: U.S. Forest Service--estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Apache	616,160	0	---	41	500	8,000
Carson	1,422,402	0	---	36	500	0
Cibola	1,584,577	0	---	67	400	11,000
Gila	2,701,614	0	---	176	500	46,000
Lincoln	1,086,379	0	---	33	700	0
Santa Fe	1,441,569	0	---	36	400	0
Kiowa (National Grassland)	136,505	0	---	4,000	100	2,000
Total	8,922,268	0	---	4,389	---	67,000

Contact John T. Koen, Assistant Regional Forester; Allan G. Watkins, Head, Branch of Land Acquisition and Exchange; E. H. Taylor, Head, Division of Lands and Minerals, Albuquerque, New Mexico. Data developed by Forest Service personnel from soil surveys using standard criteria for appraising land classes.

Table 29-6.--New Mexico: Department of Defense--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Army	2,724,976	0	---	0	---	573,800
Atomic Energy	72,105	0	---	0	---	3,600
Air Force	100,407	0	---	0	---	20,000
Total	2,897,488	0	---	0	---	597,400
Corps of Civil Engineers	13,326	0	---	0	---	2,600

Contact: Soil Conservation Service, Technical Program Staff personnel of Albuquerque. Data are estimates obtained with assistance of Soil Conservation Service and based on unpublished "State General Soil Association Map for New Mexico" prepared by Soil Conservation Service and New Mexico Agricultural Experiment Station.

Table 30-1.--North Dakota: Bureau of Reclamation--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Lower Yellowstone	210	0	---	0	---	0
Dickinson	22,057	0	---	0	---	0
Garrison Diversion	5,319	0	---	0	---	0
Heart Butte	10,776	0	---	0	---	0
Transmission	344	0	---	0	---	0
Total	38,706					

Contacts: John Robertson, Head, Land Uses and Recreation; D. Merlin Archibald, Natural Resource specialist, Billings, Montana. Data were taken from Bureau of Reclamation file records on Land Classification for type I, II, III land.

Table 30-2.--North Dakota: Bureau of Land Management-estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
All BLM Lands in North Dakota	75,785	3,800	50	0	---	0

Contacts: E. L. Kemmis, Economist, Bureau of Land Management, Billings, Montana; Technical Program Staff, Soil Conservation Service, Bozeman, Montana. Data are estimates provided through the assistance of Soil Conservation Service personnel by projecting and comparing land ownership maps and soil surveys with these public lands.

Table 30-3.--North Dakota: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
The Roosevelt National Memorial Park	69,000	5,760	---	0	---	0

Contacts: Robert L. Giles, Acting Regional Director, National Park Service, Omaha, Nebraska; Technical Program Staff, Soil Conservation Service, Bismarck, North Dakota. Data are estimates based on soil surveys of Billings County, North Dakota.

Table 30-4.--North Dakota: Bureau of Sport Fisheries and Wildlife-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
J. Clark Sagler	59,699	3,000	100	300	75	0
Tewaukon	17,142	6,311	100	250	175	200
Crosby	16,080	2,326	125	0	---	200
Sully Hills Game Res.	1,714	320	80	0	---	0
Upper Souris	32,290	1,637	125-300	637	300	0
Devil's Lake	18,641	8,390	80	0	---	0
Audubon	16,740	4,500	100	500	---	100
Lostwood	30,643	333	60-100	0	---	0
Slade	3,000	0	---	600	60	0
Long Lake	12,600	2,500	---	0	---	0
Waterfowl Prod.	12,000	669	70	450	---	0
Arrowwood	44,236	7,789	155	1,675	275	3,200
Total	283,666	39,135	---	4,412	---	3,700

Contact: Lewis R. Garlick, Acting Regional Director, Minneapolis, Minnesota.
Data were developed from Soil Conservation Service land classification soil surveys and Land Use Planning by County Extension, Soil Conservation Service, and Sport Fisheries and Wildlife personnel.

Table 30-5.--North Dakota: U.S.Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Little Missouri	1,026,612	123,640	---	0	---	0
Cedar River	6,717	3,300	---	0	---	0
Souris	520	40	---	0	---	0
Cheyenne	71,109	27,000	---	0	---	0
Total	1,104,958	183,600	---	0	---	0

Contacts: P. M. Yovetich, Forester Head, Section Land Status, Missoula, Montana; Technical Program Staff, Soil Conservation Service, Bismarck, North Dakota. Data were developed with assistance of Soil Conservation Service as estimates projected from soil survey maps and other related data of Billings County and other similar areas.

Table 30-6.--North Dakota: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Army	123	40	---	0	---	0
Air Force	12,051	10,750	---	0	---	0
Total	10,790	10,790	---	0	---	0
Corps of Civil Engineers	54,987	18,500	---	0	---	0

Contacts: Technical Program Staff, Soil Conservation Service, Bismarck, North Dakota. Data were developed with assistance of soil scientist, Soil Conservation Service, and projected as estimates based on conservation-needs sampled areas in the adjacent areas.

Table 31-1.--Oklahoma: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Washita	All combined project	0	---	0	---	0
Fort Cobb		210	200	0	---	0
Foss		95	200	0	---	0
W. C. Austin		20	150	0	---	35
Norman		0	---	0	---	0
Arbuckle		0	---	0	---	0
Total	73,158	325	---	0	---	35

Contacts: Leon Hill, Regional Director; O. J. Lowry, Chief of Land Management; George Loomis, Agricultural Economist, Amarillo, Texas. Data were developed from records of Bureau of Reclamation and based on National Soil Classification surveys.

Table 31-2.--Oklahoma: Bureau of Land Mangement-estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
All Lands Combined	17,868	1,000	---	0	---	2,000
Total	17,868	1,000	---	0	---	2,000

Contacts: H. A. Berends, Chief, Branch of Land Acquisition and Exchange, Santa Fe, New Mexico; Technical Program Staff, Soil Conservation Service, Albuquerque, New Mexico. Data are estimates obtained by projecting acreages from similar soils in the area.

Table 31-3.--Oklahoma: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Platt	912	500	110	0	---	0
Arbuckle	5,646	0	---	0	---	1,100
Total	6,558	500	---	0	---	1,100

Contacts: Monte E. Fitch, Acting Assistant Regional Director, Santa Fe, New Mexico. Data were developed as estimates made by Resource Management personnel of National Park Service, Santa Fe, New Mexico.

Table 31-4.--Oklahoma: Bureau of Sport Fisheries and Wildlife--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Salt Plains	32,000	852	190	0	---	291
Tishomingo	16,609	800	350	330	400	0
Washita	8,200	2,585	225	155	500	2,585
Washita Mts.	59,020	0	---	0	---	0
Total	115,829	4,237	---	485	---	2,876

Contacts: William T. Krummes, Regional Director, Albuquerque, New Mexico. Data were developed by personnel of Sport Fisheries and Wildlife and based on judgment of specialist, soil surveys and field evaluation of refuge managers.

Table 31-5.--Oklahoma: U.S. Forest Service--estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Black Kettle	31,199	0	---	0	---	0
Rita Blanca	15,639	0	---	3,000	150	1,500
Total	46,838	0	---	3,000	---	1,500

Contacts: John J. Koen, Assistant Regional Director; Allan G. Watkins, Head, Branch of Land Acquisition and Exchange; E. H. Taylor, Head, Division of Lands and Minerals, Albuquerque, New Mexico. Data were compiled by Forest Service personnel from soil surveys using standard criteria for appraising land classes.

Table 31-6.--Oklahoma: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Army	127,826	20,000	---	0	---	18,280
Navy	44,965	14,000	---	0	---	14,885
Air Force	9,897	2,500	---	0	---	3,215
Total	182,688	36,500	---	0	---	36,380
Corps of Civil Engineers	711,899	1,000	---	0	---	2,000

Contacts: Frederick R. Conner, Chief, Management and Disposal Branch, Corps of Engineers, Omaha, Nebraska; Technical Program Staff, Soil Conservation Service, Stillwater, Oklahoma. Data are estimates developed with assistance of Soil Conservation Service based on existing soil surveys.

Table 32-1.--Oregon: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)	
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres	
Umatilla	20,689	0	---	11,000	350	0	
Owyhee	37,279	0	---	0	---	0	
Deschutes	30,369	0	---	0	---	0	
Crooked River	8,831	0	---	0	---	0	
Baker	6,022	0	---	0	---	0	
John Day	7,514	0	---	0	---	0	
Vale	11,809	0	---	0	---	0	
Burnt River	1,536	0	---	0	---	0	
Wapinitia	1,930	0	---	0	---	0	
Roque River Basin	8,498	0	---	0	---	0	
Melford and Sams Valley	760	0	---	0	---	0	
Crescent Lake	1,984	0	---	0	---	0	
Klamath	100,353	535	100	5,940	300	11,500	- \$250
Total	147,573	535	100	22,540	---	11,500	- \$250

Contacts: F. M. Warnick, Chief, Regional Project Development Engineer; John H. Welch, Land Management Division, Boise, Idaho; Technical Program Staff, Soil Conservation Service, Boise, Idaho. Data were developed from land classification records for type I, II, III lands and the Columbia-North Pacific studies.

Table 32-2.--Oregon: Bureau of Land Management--estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
All districts of Oregon	13,573,038	59,100	---	0	---	537,600

Contacts: Irving W. Anderson, Chief, Land and Minerals Program Management and Land Office; Leo M. Simmons, Realty Specialist, Portland, Oregon; Donel Lane, Director, Water Resource Commission, Salem, Oregon; Soil Conservation Service Technical Staff, Portland, Oregon. Data were developed from Columbia River-North Pacific comprehensive studies with assistance of Soil Conservation Service personnel of Portland.

Table 32-3.--Oregon: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Crater Lake	160,290	0	---	0	---	0
Fort Clatsop	120	10	---	0	---	0
Oregon Caves	480	0	---	0	---	0
Total	160,890	10	---	0	---	0

Contact: Merle E. Stitt, Acting Assistant Regional Director, San Francisco, California. Data are estimates developed by regional specialists of National Park Service.

Table 32-4.--Oregon: Bureau of Sport Fisheries and Wildlife--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Sheldon Hart Mts.	238,209	0	---	0	---	0
Finley	4,329	2,257	300	20	450	835
Ankeny	1,543	1,050	250	75	300	418
Basket Slough	2,493	1,380	400	394	500	498
Cape Meares	139	0	---	0	---	0
Oregon Island	384	0	---	0	---	0
Umatilla	2,016	0	---	314	525	0
Malheur	180,794	0	---	48,678	150	12,200
Klamath Basin	96,613	0	---	0	---	0
McNary	451	100	700	0	---	150
Deerflat	159	0	---	30	200	0
Other	7,168	50	200	0	---	0
Total	534,298	4,837	---	49,511	---	14,101

Contacts: William M. Lindsay, Regional Supervisor of Division of Realty; C. J. Langford, Assistant Supervisor of Division of Wildlife Refuge, Portland, Oregon. Data were developed from soil surveys and projected judgment of Sport Fisheries and Wildlife specialists.

Table 32-5.--Oregon: U.S.Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Combined National Forests for Oregon	15,039,602	2,660	75	0	---	62,100 - \$400
Total	15,039,602	2,660	---	0	---	62,100

Contacts: John H. Brillhart, Branch Chief, Land Adjustment Classification Status; J. D. Walker, Forester, Land Adjustment Classification Status, Portland, Oregon; Technical Program Staff, Soil Conservation Service, Portland, Oregon. Data were developed with assistance of Soil Conservation Service technicians and were based on Columbia-North Pacific Comprehensive and River Basin Studies.

Table 32-6.--Oregon: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
All Defense agencies	48,100	0	---	0	---	0
Total	48,100	0	---	0	---	0

Contact: Technical Program Staff, Soil Conservation Service, Portland, Oregon.
Data were based on Columbia-North Pacific studies and indicate no acreage suitable for agricultural production.

Table 33-1.--South Dakota: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Belle Fourche	16,056	0	---	0	---	0
Angostura	9,261	0	---	0	---	0
Oahe	523	0	---	0	---	0
Rapid Valley						
Pactola	3,948	0	---	0	---	0
Shadehill	13,158	0	---	0	---	0
Rapid Valley	2,259	0	---	0	---	0
Transmission	564	0	---	0	---	0
Total	45,769	0	---	0	---	0

Contacts: John Robertson, Head, Land Use and Recreation Branch; D. Merlin Archibald, Natural Resource Specialist, Billings, Montana. Data were taken from Bureau of Reclamation file records on land classification.

Table 33-2.--South Dakota: Bureau of Land Management-estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
All BLM Lands in South Dakota	277,900	30,000	50	0	---	3,000

Contacts: E. L. Kemmis, Economist, Bureau of Land Management, Billings, Montana; Technical Program Staff, Soil Conservation Service, Huron, South Dakota. Data were developed, with assistance of Soil Conservation Service personnel, as estimates by projecting the acreages from soil surveys of similar areas.

Table 33-3.--South Dakota: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Mt. Rushmore	1,278	0	---	0	---	0
Badlands	111,530	0	---	0	---	1,000
Wind Cave	28,059	1,000	50	0	---	4,000 - \$300
Jewel Cave	1,274	0	---	0	---	0
Total	142,141	1,000	---	0	---	5,000

Contact: Robert L. Giles, Acting Regional Director, Midwest Region, Omaha, Nebraska.
Data were developed as estimates from Midwest Region reports, maps, and related references.

Table 33-4.--South Dakota: Bureau of Sport Fisheries and Wildlife--estimated acres of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Waubay	14,320	2,635	90	300	200	500
Lake Andes	11,345	2,200	100	0	---	1,650
Sand Lake	5,373	280	70	280	---	0
Sand Lake	21,541	3,068	165	50	---	3,018
LaCreek	9,825	546	135	546	150	0
Total	62,404	8,729	---	1,176	---	5,168

Contact: Lewis R. Garlick, Acting Regional Director, Minneapolis, Minnesota.
Data were developed as estimates based on judgment of specialists and national soil surveys provided by Soil Conservation Service.

Table 33-5.--South Dakota: U.S.Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Custer	73,489	0	---	0	---	0
Black Hills	1,048,968	0	---	0	---	0
Buffalo Gap						
L. U. Lands	585,372	101,000	---	45,000	---	45,000
Fort Pierre						
L. U. Lands	115,893	23,000	---	0	---	5,000
Grand River						
L. U. Lands	155,426	62,000	---	0	---	30,000
Total	1,979,148	186,000	---	45,000	---	80,000
L. U. Lands	856,691	186,000	---	45,000	---	80,000

Contacts: Earl Hendrickson, Assistant Regional Forester, Denver, Colorado; Technical Program Staff, Soil Conservation Service, Huron, South Dakota. Data were developed as estimates, with assistance of Soil Conservation Service personnel, by projecting acreages from Conservation Needs Inventory sampled areas and soil surveys of similar areas.

Table 33-6.--South Dakota: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Army	21,417	335	---	0	---	200
Air Force	247,027	9,500	---	0	---	2,500
Total	268,444	9,835	---	0	---	2,700
Corps of Civil Engineers	518,786	1,000	---	0	---	1,000

Contacts: Frederick R. Conner, Chief, Management and Disposal Branch, Omaha, Nebraska; Technical Program Staff, Soil Conservation Service, Huron, South Dakota. Data were developed with assistance of Soil Conservation Service personnel, as estimates by projecting acreages from soil surveys in adjacent areas of comparable soils.

Table 34-1.--Texas: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
San Angelo and Canadian River	61,504	0	---	0	---	0
Total	61,504	0	---	0	---	0

Contacts: Leon Hill, Regional Director; O. J. Lowry, Chief of Land Management, Bureau of Reclamation, Amarillo, Texas. Data furnished by Bureau of Reclamation and based upon file records on land classification.

Note: Table 34-2 is missing since there are no Bureau of Land Management acreages in Texas.

Table 34-3.--Texas: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Alibates	500	0	---	0	---	100
Amistad	43,559	0	---	0	---	8,000
Big Bend	706,538	0	---	0	---	112,000
Fort Davis	447	0	---	0	---	447
Guadalupe	19,640	0	---	0	---	0
Padre Island	133,840	0	---	0	---	0
Sanford	41,097	0	---	0	---	15,000
Total	945,621	0	---	0	---	135,547

Contact\$: Monte E. Fitch, Acting Assistant Regional Director, Operation, Santa Fe, New Mexico; Technical Program Staff, Soil Conservation Service, Temple, Texas. Data were developed as estimates by specialists of National Park Service, Santa Fe, New Mexico.

Table 34-4.--Texas: Bureau of Sport Fisheries and Wildlife--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Anahuac	9,833	60	225	1,060	250	0
Aransas	54,423	300	330	0	---	0
Brazoria	6,398	100	150	100	250	0
Buffalo Lake	7,677	3,060	135	45	400	0
Hagerman	11,429	1,210	275	0	---	205
Muleshoe	5,809	110	200	0	---	110
Laguna Atascosa	45,050	1,500	150	0	---	1,400
Santa Ana	1,980	100	200	0	---	0
Total	142,603	6,440	---	1,205	---	1,715

Contact: William T. Krummes, Regional Director, Albuquerque, New Mexico. Data were developed by personnel of Sport Fisheries and Wildlife and were based on national soil surveys, judgment of specialists and field evaluations by refuge managers.

Table 34-5.--Texas: U.S.Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
L.U. lands/ National Grasslands	117,269	1,200	125	5,000	150	4,000
All lands by Forest Service						
Total	117,269	1,200	125	5,000	150	4,000

Contact: John T. Koen, Assistant Regional Forester, Albuquerque, New Mexico. Data are estimates provided by U.S. Forest Service and are based on soil surveys using national criteria for appraising lands suitable for irrigation.

Table 34-6.--Texas: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Army	372,859	55,000	75-200	0	---	37,280 - \$150-300
Air Force	74,000	18,500	100-300	0	---	11,000 - \$150-400
Navy	11,476	7,000	400-500	0	---	0
Total	458,335	80,500	---	0	---	48,280
Corps of Civil Engineers	613,406	61,000	75-200	0	---	0

Data were developed as estimates based upon Conservation Needs Inventory and projected from surveys of similar areas.

Table 35-1.--Utah: Bureau of Reclamation--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Projects administered from Salt Lake						
City	1,608,713	0	---	0	---	0
Projects administered from Boulder						
City	62,400	0	---	1,100	450	500 - \$450
Total	1,671,113	0	---	1,100	450	500 - \$450

Contacts: L. M. Butterfield, Chief of Land Branch; Paul Schaffer, Chief of Land Resources, Salt Lake City, Utah; W. A. Phillips, Acting Regional Director, Boulder City, Nevada. Data were developed by contacting personnel of the Bureau of Reclamation and are taken from record files on land classification.

Table 35-2.--Utah: Bureau of Land Management--estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Salt Lake	4,206,365	0	---	0	---	875,000
Vernal	1,600,936	0	---	0	---	110,000
Fillmore	4,825,984	0	---	0	---	959,000
Price	3,007,196	0	---	0	---	101,000
Cedar City	1,585,065	0	---	0	---	99,000
Richfield	1,850,915	0	---	0	---	41,000
Kanab	2,441,397	0	---	0	---	48,000
Monticello	3,476,611	0	---	0	---	182,000
Total	22,994,469	0	---	0	---	2,415,000
L. U. Lands						
Salt Lake	640	0	---	0	---	520
Fillmore	18,326	0	---	0	---	9,120
Total	18,966	0	---	0	---	9,640

Contact: Robert M. Nielson, Regional Economist; Dennis Curtis, Economist, Bureau of Land Management, Salt Lake City, Utah. Arable land estimate is from reconnaissance survey by an interagency committee of soil scientists for the publication, Arable Land Resources of Utah, by the Utah Agricultural Experiment Station. The committee's work map was used to superimpose their findings on maps showing BLM administered lands.

Table 35-3.--Utah: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Arches	34,010	0	---	0	---	0
Aztec	27	27	30	0	---	15
Bryce Canyon	36,008	0	---	0	---	5,500
Canyonlands	257,640	0	---	0	---	12,000
Capitol Reef	37,906	500	25	0	---	3,000
Cedar Breaks	6,155	0	---	0	---	0
Glen Canyon	100,000	0	---	0	---	0
Golden Spike	1,562	0	---	0	---	1,100
Natural Bridges	7,126	0	---	0	---	0
Pipe Springs	40	0	---	0	---	25
Rainbow Bridge	160	0	---	0	---	0
Timpanogos Cave	250	0	---	0	---	0
Zion	139,550	0	---	0	---	6,000
Total	620,438	527	---	0	---	27,640

Contact: Monte E. Fitch, Acting Assistant Regional Director, Santa Fe, New Mexico.
Data were developed by Resource Management personnel of National Park Service,
Santa Fe, New Mexico.

Table 35-4.--Utah: Bureau of Sport Fisheries and Wildlife-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Bear River	64,895	0	---	0	---	0
Fish Springs	17,992	0	---	0	---	0
Ouray	7,700	0	---	2,500	250	300
Total	90,587	0	---	2,500	250	300

Contact: William T. Krummes, Regional Director, Albuquerque, New Mexico. Data were developed as estimates and represent multiple judgment of specialists in Soil Conservation Service, Agriculture Stabilization and Conservation Service, and Farm Home Administration.

Table 35-5.--Utah: U.S.Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Ashley	1,271,146	20	---	7	---	100
Cache	408,894	22	---	0	---	0
Caribou	6,674	0	---	0	---	0
Dixie	1,883,688	15	---	14	---	400
Fish Lake	1,424,538	0	---	0	---	2,000
Mantihasol	1,236,368	150	---	0	---	200
Sawtooth	71,638	0	---	0	---	0
Unita	794,686	0	---	0	---	100
Wasatch	840,041	0	---	0	---	200
Totals	7,937,673	107	---	21	---	3,000

Contact: William H. Shaw, Branch Chief, Land Uses, Ogden, Utah. Data are estimates and were developed by Forest Service personnel at Ogden.

Table 35-6.--Utah: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Army	870,990	0	---	0	---	106,000
Air Force	937,603	0	---	10,000	---	0
Atomic Energy Com.	3,440	0	---	0	---	400
Navy	91,474	0	---	0	---	4,500
Total	1,903,507	0	---	10,000	---	110,900

Contact: Technical Program Staff, Soil Conservation Service, Salt Lake City, Utah.
Data are estimates developed with assistance of Soil Conservation Service personnel and based on Conservation Needs Inventory Resource Bulletin No. 42, soil surveys, and comparison with comparable areas.

Table 36-1.--Washington: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Okanogan	2,818	0	---	0	---	0
Yakima	31,196	0	---	2,800	475	0
Columbia Basin	411,990	1,337	225	100,000	450	0
General Investigation	210	0	---	0	---	0
Chief Joseph Dam	288	0	---	0	---	0
Total	446,502	1,337	---	102,800	---	0

Contacts: H. T. Nelson, Regional Director; F. M. Warnick, Chief, Regional Project Development Engineer; John W. Welch, Land Management Division, Boise, Idaho. Data were developed by Bureau of Reclamation, Boise, Idaho, from file records of land classification of type I, II, and III lands.

Table 36-2.--Washington: Bureau of Land Management--estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
All lands administered by BLM from Portland, Oregon	273,647	0	---	0	---	25,000
Total	273,647	0	---	0	---	25,000

Contacts: Irving W. Anderson, Chief, Land Minerals Program Management and Land Office; Leo Simms, Realty Specialist, Bureau of Land Management, Portland, Oregon; Technical Program Staff, Soil Conservation Service, Spokane, Washington, and Portland, Oregon; W. A. Starr, Professor of Soils, Washington State University, Pullman, Washington. Data are estimates and were developed from general reports on Columbia-North Pacific and River Basin studies with assistance of Soil Conservation Service personnel.

Table 36-3.--Washington: National Park Service--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)	
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres	
Coulee Dam	98,500	4,000	---	1,000	300	3,000	- \$300
Ft. Vancouver	90	10	400	10	700	10	- \$700
Mt. Rainier	241,780	0	---	0	---	0	
Olympic	888,930	2,000	400	2,000	700	2,000	- \$700
San Juan Island	120	100	300	10	400	20	- \$400
Whitman Mission	100	40	300	40	400	40	- \$400
Total	1,222,950	6,150	---	3,060	---	5,070	

Contact: Merle E. Stitt, Acting Assistant Regional Director, San Francisco, Calif.
Data are estimates developed by multiple judgment of specialists in the National Park Service.

Table 36-4.--Washington: Bureau of Sport Fisheries and Wildlife--estimated acres of federal public lands suited for intensive agriculture, 1968

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
NcNary	168	0	---	0	---	0
Columbia	28,506	0	---	700	800	0
Ridgefield	2,483	1,120	750	600	900	500
Willapa	9,554	600	800	0	---	0
Turnbull	14,535	0	---	0	---	0
Canboy Lake and Tuppenish	6,800	540	200	755	525	300
Umatilla	1,631	0	---	1,315	525	0
Dungeness	45	0	---	0	---	0
Capalis	5	0	---	0	---	0
Quillayute	81	0	---	0	---	0
Flattey	125	0	---	0	---	0
Jones Island	188	0	---	0	---	0
Matia Island	145	0	---	0	---	0
Fed Aids	17,732	0	---	0	---	0
Total	82,111	2,260	---	3,370	---	800

Contacts: William M. Lindsay, Regional Supervisor, Division of Realty; C. J. Langford, Assistant Supervisor, Division of Wildlife Refuges, Portland, Oregon. Data were developed by multiple judgment of specialists basing their estimates on soil surveys and cover typing agency reports.

Table 36-5.--Washington: U.S.Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
*Colville	943,517	22	---	0	---	0
*Kaniksu	282,743	7	---	0	---	0
Gifford Pinshot	1,267,340	0	---	0	---	0
Mt. Baker	1,818,348	0	---	0	---	0
Okanogan	1,520,448	10	---	0	---	0
Olympic	621,756	1	---	0	---	0
Shoqualmie	1,208,540	7	---	0	---	0
Wenatchee	1,733,413	20	---	0	---	0
Umatilla	313,738	70	---	0	---	0
Total	10,937,553	137	---	0	---	0
L. U. Lands						
Colville	485	0	---	0	---	0
Kanishu	240	0	---	0	---	0
Total	725	0	---	0	---	0

Contacts: P. V. Yovetich, Forester, U. S. Forest Service, Missoula, Montana; J. H. Brillhart, Branch Land Adjustment Classification Status, Portland, Oregon.

Data submitted by U. S. Forest Service personnel.

*Forestry lands administered from Missoula, Montana, office--all others from Portland, Oregon, office.

Table 36-6.--Washington: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Army	351,292	2,000	---	0	---	0
Air Force	20,202	0	---	0	---	0
Navy	27,035	1,000	---	0	---	1,000
Atomic Energy Com.	358,000	0	---	48,000	---	10,000
Total	756,529	3,000	---	48,000	---	11,000
Corps of Civil Engineers	91,996	2,000	---	1,000	---	0

Contacts: N. G. Fuller, Chief, Property Branch, Atomic Energy Commission, Richland Washington; Technical Program Staff, Soil Conservation Service, Spokane, Washington. Data were developed as estimates with assistance of Atomic Energy Commission and Soil Conservation Service personnel and projected from knowledge and surveys of comparable areas.

Table 37-1.--Wyoming: Bureau of Reclamation-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Projects administered from Billings, Montana						
Big Horn	4,578	0	---	1,730	350	0
Bogen	42,632	0	---	0	---	0
Clarks Field	59,445	0	---	0	---	0
Greybull Flat	2,669	0	---	980	350	0
Hanover Bluff	1,600	0	---	0	---	470
Keyhole	16,134	0	---	0	---	0
Moorhead	3,856	0	---	0	---	0
Owl Creek Unit	1,365	0	---	0	---	0
Paintrock	3,046	0	---	560	350	0
Shoshone Ext	138,069	0	---	30,000	350	27,000
Yellowstone	20,533	0	---	0	---	0
Riverton	144,862	0	---	30,360	300	0
Shoshone	104,498	0	---	2,010	350	0
Projects administered from Salt Lake City, Utah						
Eden	56,817	0	---	0	---	0
Opal	3,520	0	---	0	---	0
Flamingo Gorge	91,357	0	---	0	---	0
Lyman	992	0	---	0	---	0
Savery Pot Hook	1,486	100	---	200	250	0
Seedskadee	199,345	0	---	37,007	225	0

Table 37-1.--(cont.) Wyoming: Bureau of Reclamation--estimated acres and value of federal public lands suited for intensive agriculture, 1968

Project	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Sublette	22,494	0	---	0	---	0
Transmission	741	0	---	0	---	0
Projects administered from Boise, Idaho						
Minidoko	22,564	0	---	0	---	0
Palisades	3,804	0	---	0	---	0
Total	946,407	100	---	102,847	---	27,470

Contacts: John Robertson, Head, Land Uses and Recreation Branch; D. Merlin Archibald, Natural Resource Specialist, Billings, Montana; L. M. Butterfield, Chief of Land Branch; Paul Schaffer, Chief of Land Resources, Salt Lake City; John H. Welch, Land Management Division, Boise, Idaho. Data were developed from Bureau of Reclamation record files on land classification of land suitable for agriculture production.

Table 37-2.--Wyoming: Bureau of Land Management--estimated acres and value of federal public lands suited for intensive agriculture, 1968

District	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Worland	3,115,000	0	---	25,575	185	342,650
Lander	2,147,000	10,000	30	21,750	185	254,800
Rawlins	3,835,000	58,000	75	31,000	118	575,000
Rock Springs	5,319,000	50,000	75-120	159,570	130	525,520
Pinedale	958,000	5,000	75	25,850	130	60,850
Casper	2,496,000	80,000	50-75	20,000	175	157,000
Total	17,870,000	203,000	---	283,745	---	1,915,820

Contacts: Ed Pierson, State Director, Cheyenne, Wyoming; Technical Program Staff, Soil Conservation Service, Casper, Wyoming; Soils Department, State Experiment Station, Laramie, Wyoming. Data are estimates and were developed with assistance of Soil Conservation Service, by projecting acreages from Conservation Needs Inventory sampled areas and by checking capability classes and subclasses.

Table 37-3.--Wyoming: National Park Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Park/Recreation Area	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
National Parks in Wyoming	2,309,167	3,000	---	0	---	4,000
Fort Laramie						
Devil's Tower						
Grand Teton						
Bighorn Canyon						

Contact: Harvey B. Reynolds, Acting Regional Director, Omaha, Nebraska. Data were estimated and projected from generalized reports and Conservation Needs Inventory.

Table 37-4.--Wyoming: Bureau of Sport Fisheries and Wildlife--estimated acres and value of federal public lands suited for intensive agriculture, 1968.

Refuge	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/acre \$	Acres	Value/acre \$	Acres
Bainforth	1,165	0	---	0	---	0
Huttonlake	1,967	0	---	0	---	0
National Elk	23,970	0	---	800	2,500	1,500
Pathfinder	3,010	0	---	0	---	0
Seedskadee	8,323	0	---	0	---	0
Total	38,255	0	---	800	---	1,500

Contact: William T. Krummes, Regional Director, Albuquerque, New Mexico. Data are estimates and were developed from soil surveys, judgment of specialists, and field evaluation by refuge managers.

Table 37-5.--Wyoming: U.S. Forest Service-estimated acres and value of federal public lands suited for intensive agriculture, 1968

National Forest	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Big Horn	1,113,769	50,000	45	0	---	60,000
Medicine	1,094,824	25,000	40	0	---	35,000
Shoshone	2,424,937	125,000	40	0	---	250,000
Black Hills	172,443	10,000	40	0	---	15,000
Thunder Basin						
L. U. Lands	572,310	50,000	50	0	---	125,000
Others	3,789,298	0	---	0	---	0
Total	9,167,561	260,000	---	0	---	485,000

Contacts: Earl Hendrickson, Assistant Regional Forester, Denver, Colorado; Technical Program Staff, Soil Conservation Service, Casper, Wyoming. Data are estimates and were projected from sampled conservation needs studies with the assistance of Soil Conservation Service.

Table 37-6.--Wyoming: Department of Defense-estimated acres and value of federal public lands suited for intensive agriculture, 1968

Agency	Total Acres	Arable Lands (dryland)		Irrigable Lands (water avail.)		Irrigable Lands (water not avail.)
		Acres	Value/ acre \$	Acres	Value/ acre \$	Acres
Army	9,745	1,000	---	0	---	1,000
Air Force	9,304	500	---	0	---	500
Navy	9,323	1,500	---	0	---	1,500
Total	28,372	3,000	---	0	---	3,000

Contact: Department of Defense, Washington, D. C. Data are estimates and were developed from generalized reports, Conservation Needs Inventory, and sampled area studies.

REPORT FOR
PUBLIC LAND LAW REVIEW COMMISSION

List of Volumes

Final Report

- I. Federal Public Land Laws and Policies Relating to Intensive Agriculture (including the Brief Summary)

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- V. Federal Public Lands: Their Potential Contribution to Food and Fiber Needs, 1980-2000
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A Brief Summary