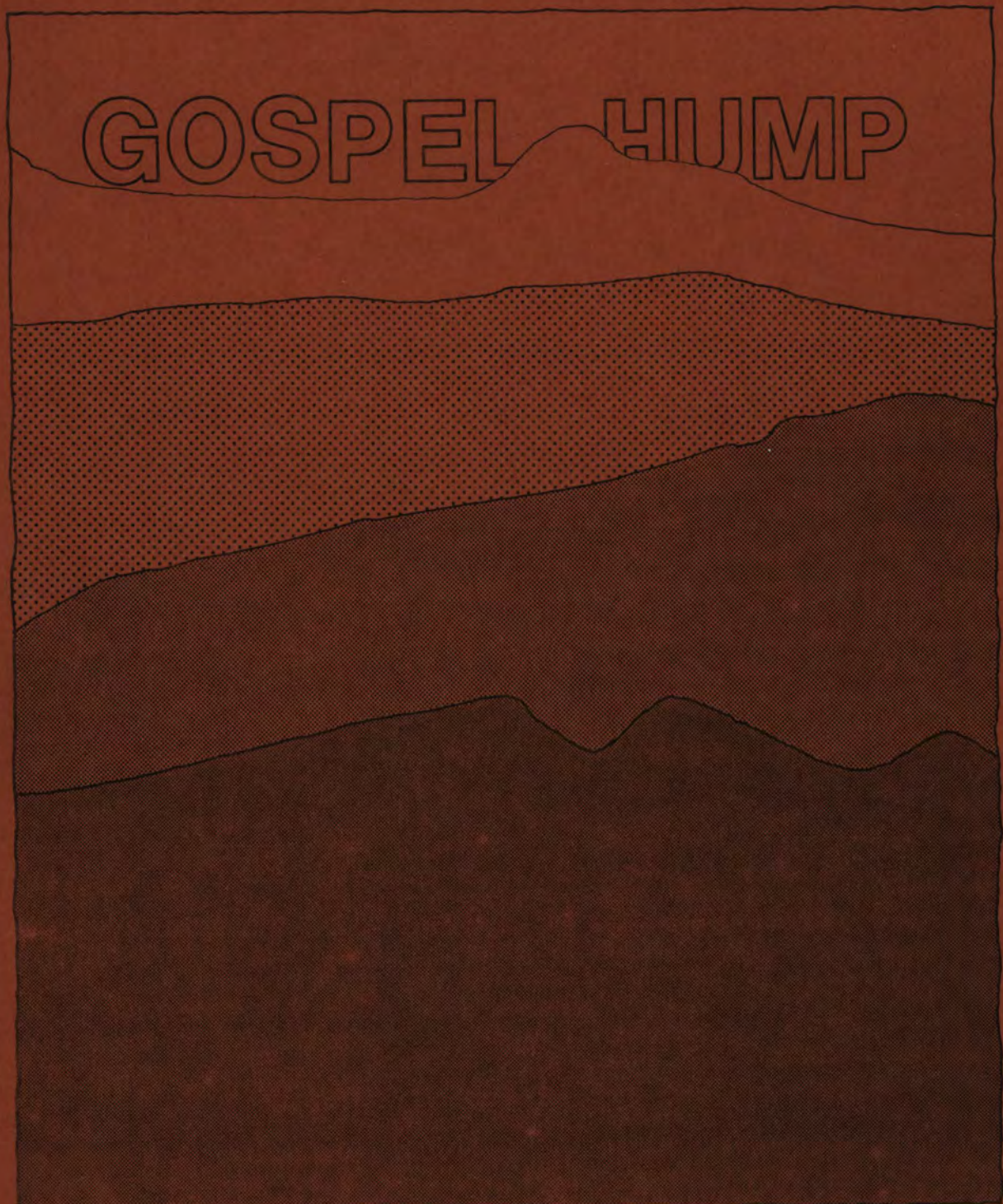
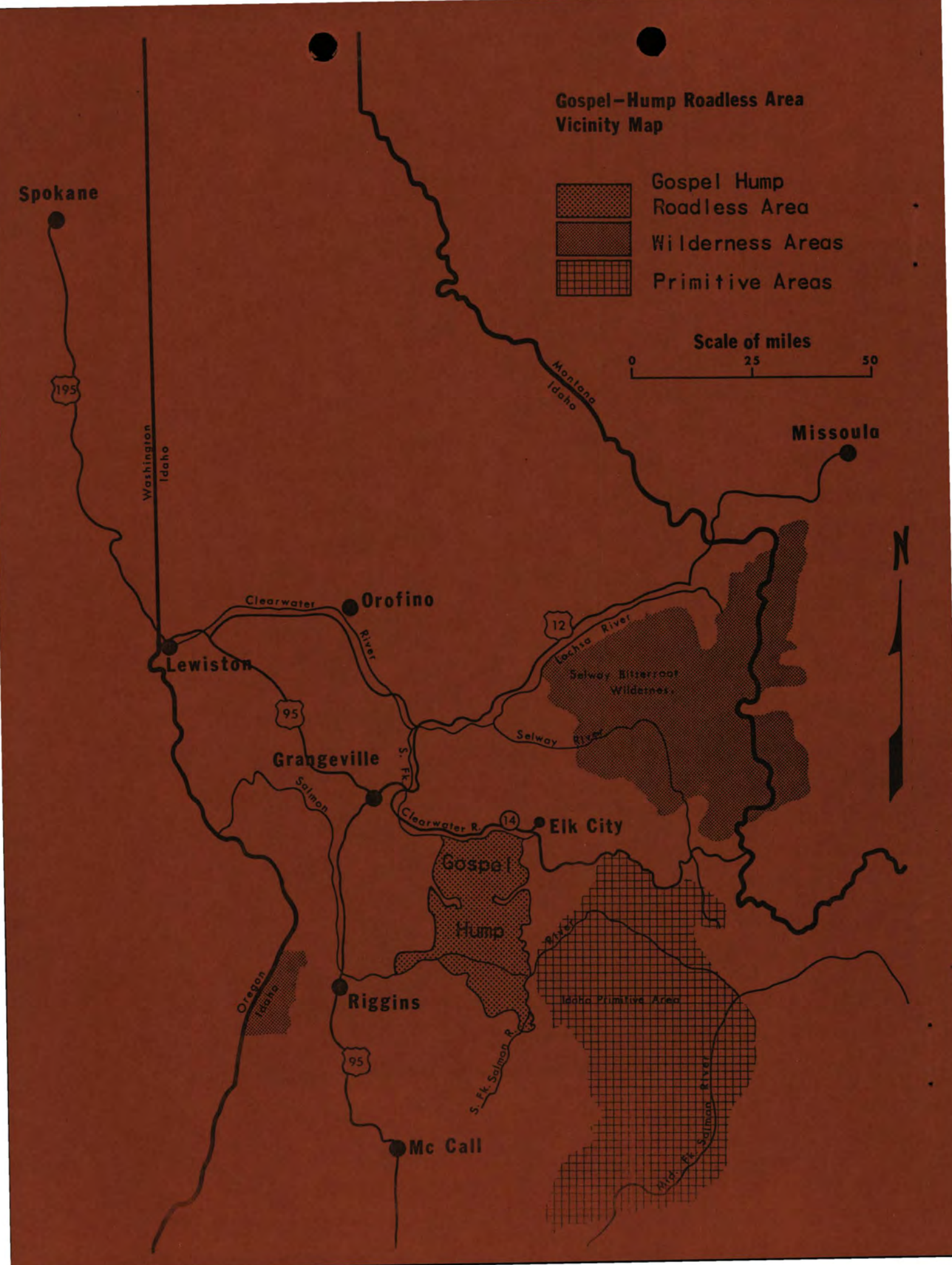
GOSPEL HUMP



PUBLIC INVOLVEMENT·GOSPEL-HUMP PLANNING UNIT·NEZPERCE NATIONAL FOREST·1977


Gospel–Hump Roadless Area
Vicinity Map
Gospel Hump
Roadless Area
Wilderness Areas
Primitive Areas
Scale of miles
0
25
50
Spokane
195
Washington
Idaho
Montana
Idaho
Missoula
N
Clearwater
Orofino
River
Lewiston
12
Lochsa River
Selway Bitterroot
Wilderness
95
Selway River
Grangeville
S. Fk.
Salmon
Clearwater R.
14
Elk City
Gospel
Hump
Riggins
Oregon
Idaho
Idaho Primitive Area
S. Fk. Salmon R.
95
Mc Call
Middle Fk. Salmon River

Note:

After printing, a few items have been noticed which may lead to questions that can be explained now:

1. On some alternatives there is a discrepancy between wilderness study acres on the top of the page and the tabulated entry below. In all cases, the figure at the top of the page is correct.

2. The alternative maps do not reproduce existing roads because of map scale. Roads that are now in existence (such as to Square Mtn., Sourdough and Hump Mtn.) but do not show up will not be closed by any wilderness study alternative.

3. A timber output shows up, entitled "Big Game". This is simply the yield that would come from potential big game range rehabilitation projects where it would be necessary to remove timber to produce feed for wildlife. The forage output for game is shown on separate lines.

4. On page 33 we have reproduced the excpected changes in the socio-economic base for the three-county area. The bottom of page 33 shows the change from present output projections. These latter changes would be felt mostly in the Grangeville-Elk City area. Little effect would be noted over the 3-county area as a whole.

5. Road mileage entries on the alternative output pages are first shown as the amount to be constructed annually and the larger figure is the total amount to be in existence (including present roads) at the end of the planning period.

This brochure deals with possible land management allocations for the Gospel-Hump Planning Unit. The Nezperce National Forest would like to know which of these land management allocations you prefer.

Background

The area generally known as the Gospel-Hump is a roadless unit of land covering approximately 500,000 acres on the Nezperce and Payette National Forests in north-central Idaho (see Vicinity Map). Originally, this area was divided into nine different planning units. Many of the planning units have completed plans that deal with portions of the overall roadless area. Two such completed plans (Mill Creek and Rainy Day) were appealed. The Chief of the Forest Service, while sustaining the plans for the most part, agreed with the appellants on one important issue. Namely, that the entire contiguous roadless area had to be dealt with in one overall evaluation of its wilderness characteristics.

Consequently, the Gospel-Hump Plan does just that, and the Nezperce National Forest has the responsibility of completing this evaluation. Findings by the Gospel-Hump Plan will be used to complete an entirely new plan for unplanned areas, amend existing plans, or combinations of these approaches according to land use allocations chosen.

The wilderness study allocation made by this plan will be binding upon the Warren Planning Unit of the Payette N.F. Other Warren Planning Unit allocations will, by necessity, have to mesh with the wilderness study allocations.

Process

Fourteen alternative land management allocations are presented on the following pages. Please indicate which of these alternatives you prefer or, lacking a preference among those presented, describe an alternative you'd like to see tried. A response form is included in this brochure, and you may attach any additional statements or explanations you feel are necessary.

The 14 alternatives presented here allow for a range of choices from complete wilderness study to complete development. Six different combinations of wilderness study-development are offered, and most of these alternatives are presented with different constraints so that variations can be tested as to the effect on associated costs and outputs. Across from each alternative map you will note a listing of inputs and outputs for that alternative.

Following the presentations displaying comparisons between alternatives, page 33 illustrates the effects each alternative is likely to have on the regional economy (Nezperce, Idaho, and Lewis Counties) as evaluated by Forest Service economists after consultation with State and local agencies.

The outputs from the Payette N.F. are approximate only, and are meant to display trends rather than absolute values. The Payette will soon be combining the results of this evaluation with the remainder of their Warren planning area. At that time, more specific values will be available.

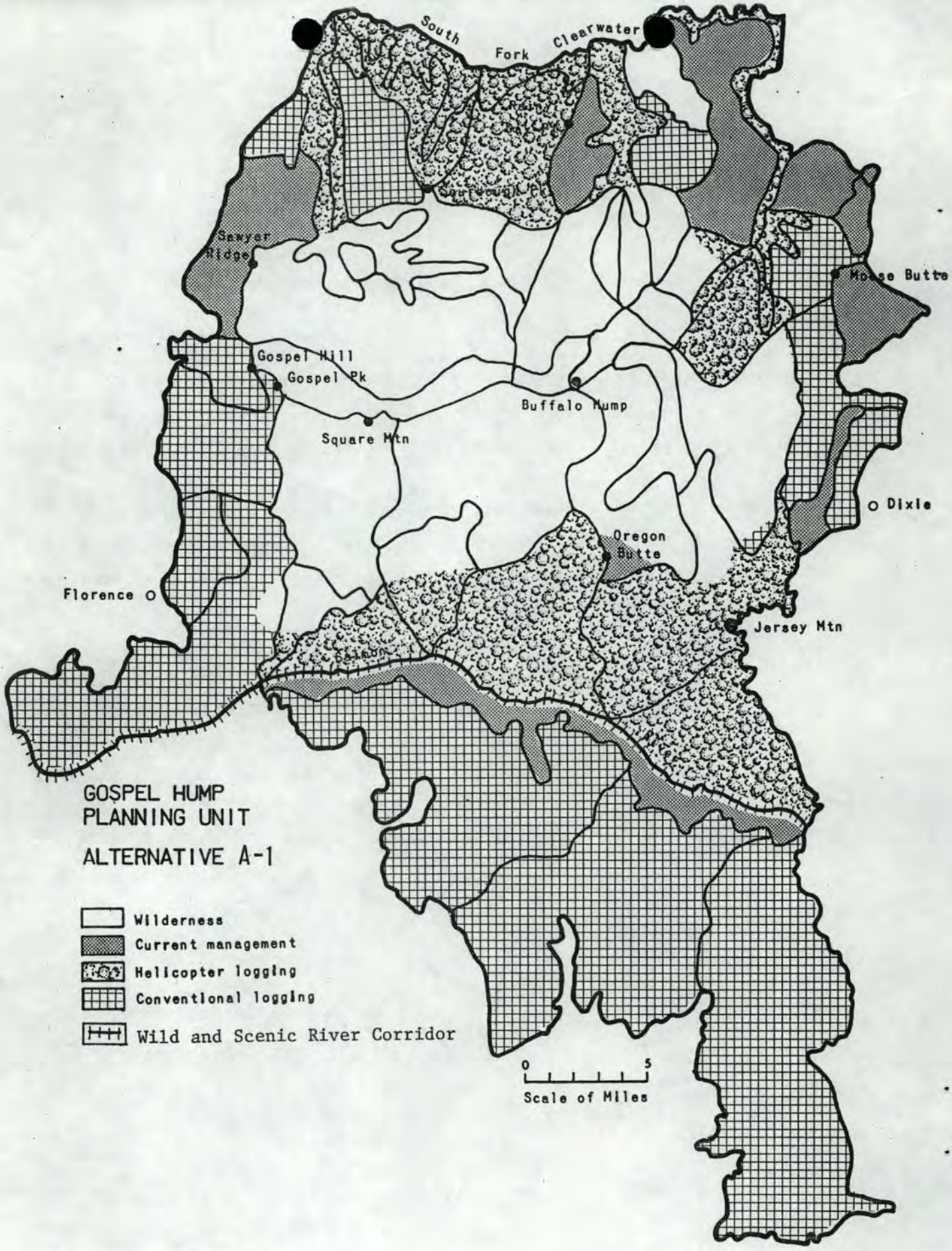
Map Legend Definitions

Wilderness - Areas designated to be studied for Wilderness Classification.

Current Management - These areas will be managed for the resources presently being utilized. If they are presently roadless, they will remain roadless; if timber harvest has occurred, it will continue, etc.

Helicopter Logging - Timber harvest will be by aerial logging methods only. Roads must be constructed for log hauling from landings. Maximum aerial haul distance would be about one mile.

Conventional Logging - These areas could be logged by tractor and skyline systems of the types currently in use. A commensurate road system would be required.


South Fork Clearwater
Sawyer Ridge
Gospel Hill
Gospel Pk
Square Mtn
Buffalo Hump
Moose Butte
Dixie
Oregon Butte
Florence
Jersey Mtn
Salmon
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE A-1
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0
5
Scale of Miles

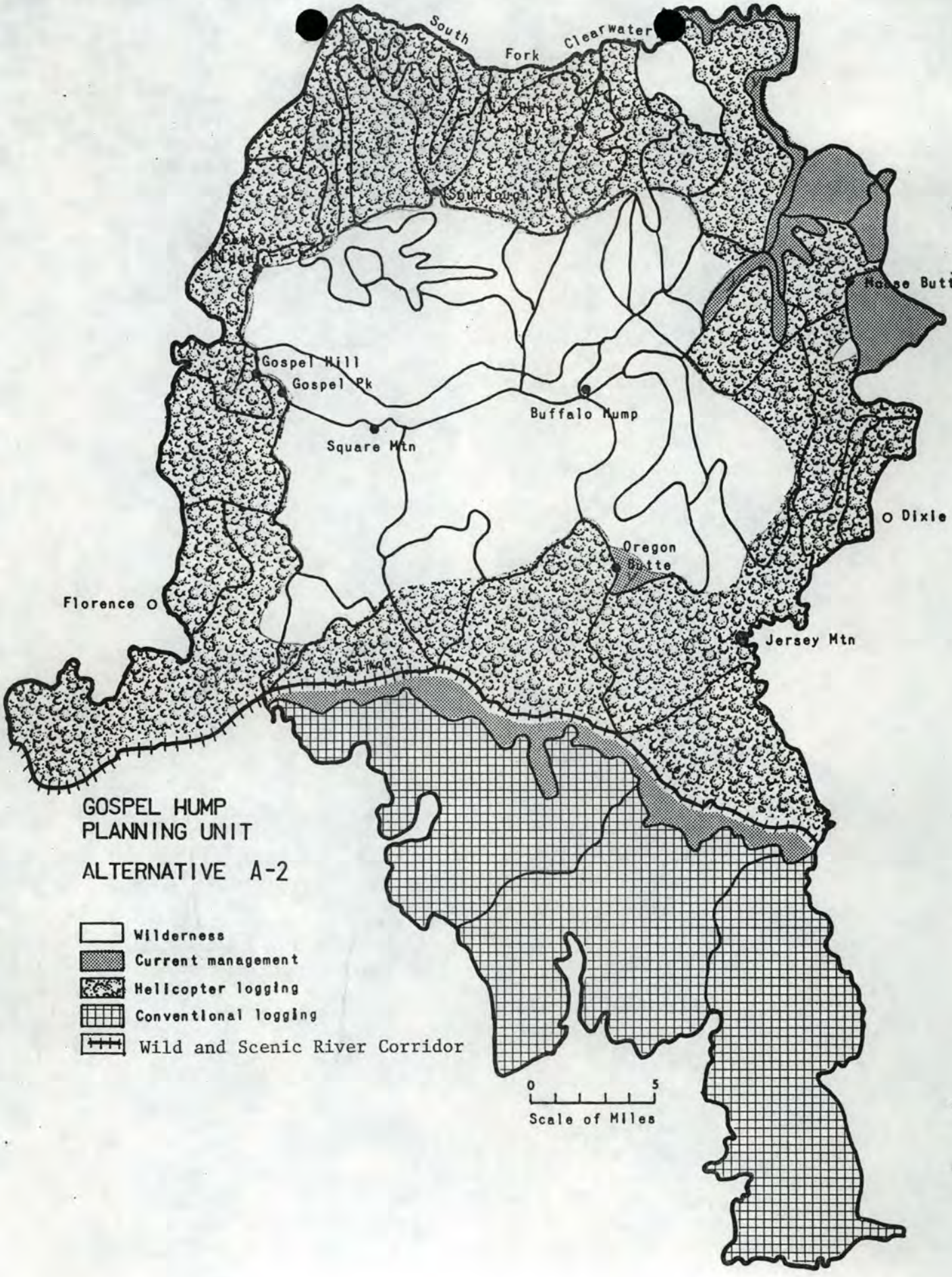
ALTERNATIVE A-1

(Wilderness Study acres are fixed as shown at 159,453 acres. Activities have not been allowed if such will produce more than a 150%* increase in total sediment. Within these two constraints, timber production has been maximized.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.940
Deer-Elk Winter Range (Lbs. x 1,000,000)	16.1
Deer-Elk Summer Range (Lbs. x 1,000,000)	65.6
Grazing Animal Unit Months (x 1,000)	6.0
Timber (Bd.Ft.) (x 1,000,000)	24.8
Payette (Bd.Ft.) (x 1,000,000)	11.6
Nezperce (Bd.Ft.) (x 1,000,000)	13.2
Big Game (Bd.Ft.) (x 1,000,000)	2.2
Road Construction (Miles)	22.5
Existing Roads at end of planning period (Miles)	539
Wilderness Study (Acres x 1,000)	155
Dispersed Recreation (Visitor Days x 1,000)	60.8
Developed Recreation (Visitor Days)	699
Present Net Worth ($ x 1,000,000	-1.2
Total Sediment (1,000 Cubic Yards)	38.7

*This means that sediment cannot be increased more than 50% above normal. Fisheries Biologists state this will assure at least 75% survival of fish fry emerging from spawning beds. If this alternative is selected, streams would be monitored and land disturbing activities curbed when sediment levels reach 150% of normal.

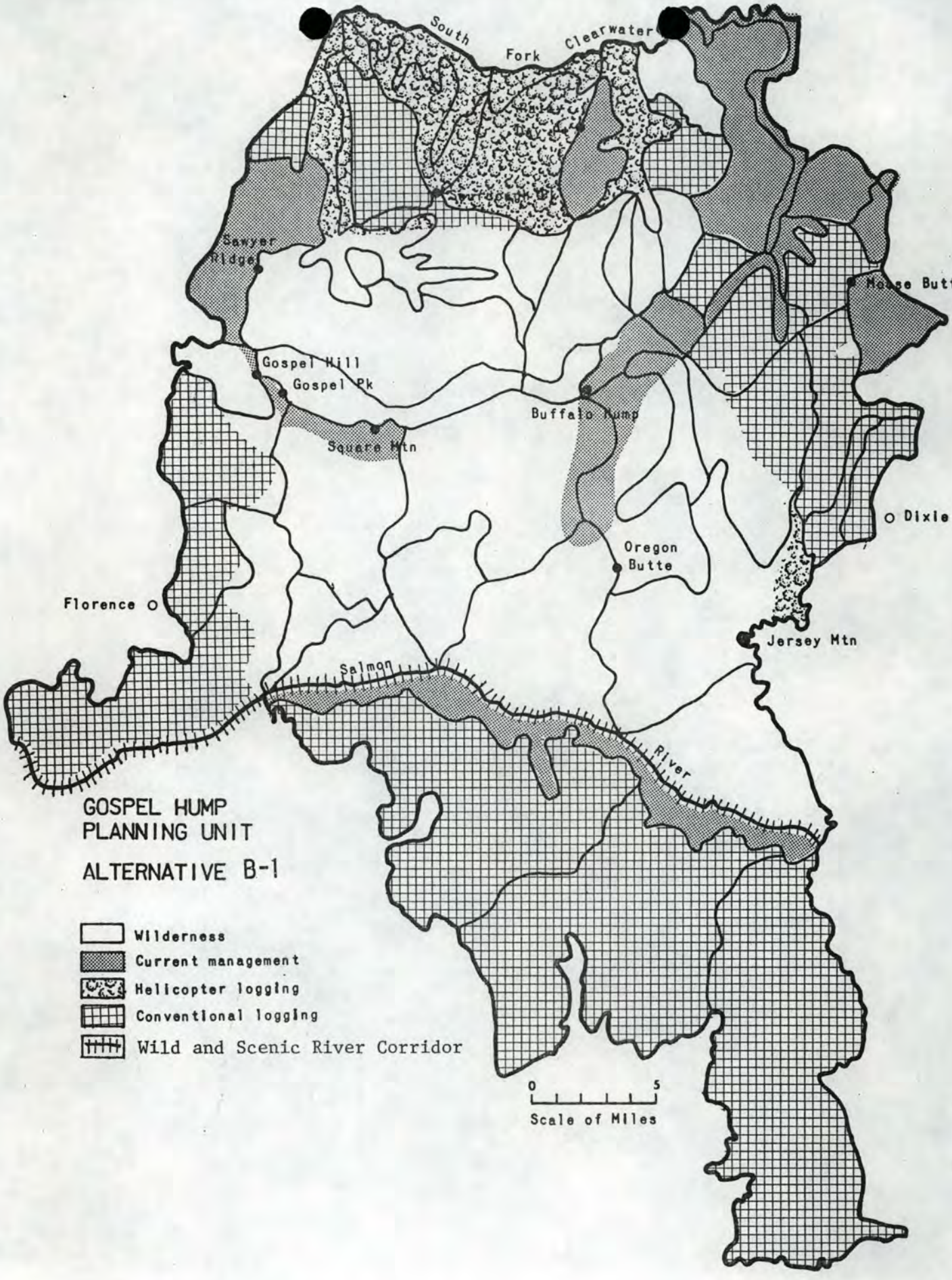

South Fork Clearwater
Gospel Hill
Gospel Pk
Square Mtn
Buffalo Hump
Oregon Butte
Florence
Dixie
Jersey Mtn
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE A-2
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0
5
Scale of Miles

ALTERNATIVE A-2

(The same alternative as described in A-1, but only aerial logging is allowed within the acres available for timber harvest.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.949
Deer-Elk Winter Range (Lbs. x 1,000,000)	16.1
Deer-Elk Summer Range (Lbs. x 1,000,000)	73.2
Grazing Animal Unit Months (x 1,000)	6.7
Timber (Bd.Ft.) (x 1,000,000)	36.9
Payette (Bd.Ft.) (x 1,000,000)	11.6
Nezperce (Bd.Ft.) (x 1,000,000)	25.3
Big Game (Bd.Ft.) (x 1,000,000)	3.0
Road Construction (Miles)	25.4
Existing Roads at end of planning period (Miles)	611
Wilderness Study (Acres x 1,000)	155
Dispersed Recreation (Visitor Days x 1,000)	61.8
Developed Recreation (Visitor Days)	737
Present Net Worth ($ x 1,000,000	-0.8
Total Sediment (1,000 Cubic Yards)	39.1


South Fork Clearwater
Sawyer Ridge
Moose Butte
Gospel Hill
Gospel Pk
Buffalo Hump
Square Mtn
Dixie
Oregon Butte
Florence
Jersey Mtn
Salmon River
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE B-1
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0
5
Scale of Miles

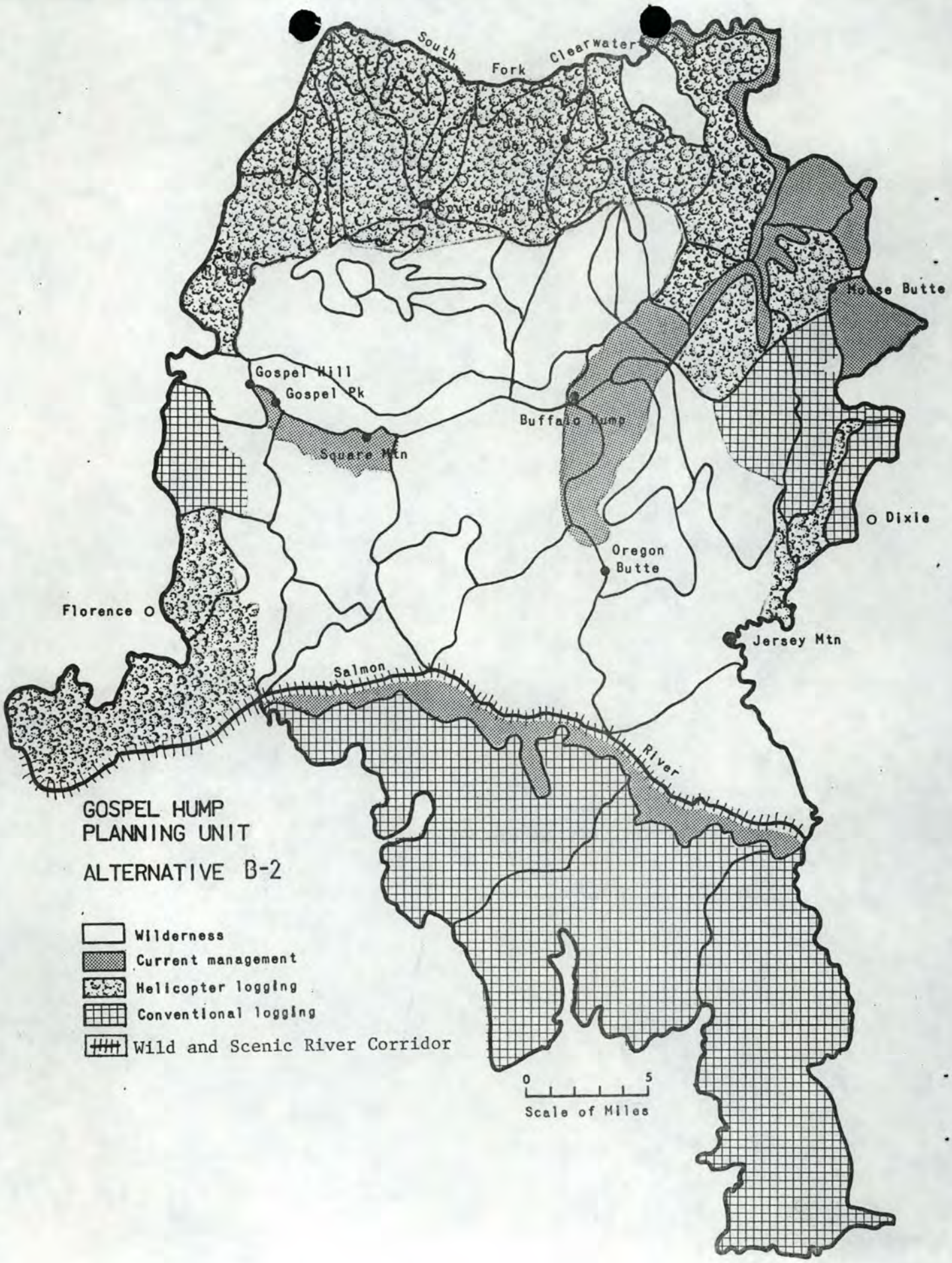
ALTERNATIVE B-1

(This alternative again allows no activities that will cause increases in sediment rates above 150%*, Wilderness Study acreage has been increased to 222,261 as shown on the map, and timber harvest has been maximized considering the wilderness and sediment constraints.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.938
Deer-Elk Winter Range (Lbs. x 1,000,000)	16.1
Deer-Elk Summer Range (Lbs. x 1,000,000)	64.4
Grazing Animal Unit Months (x 1,000)	5.9
Timber (Bd.Ft.) (x 1,000,000)	23.2
Payette (Bd.Ft.) (x 1,000,000)	11.6
Nezperce (Bd.Ft.) (x 1,000,000)	11.6
Big Game (Bd.Ft.) (x 1,000,000)	3.0
Road Construction (Miles)	22.1
Existing Roads at end of planning period (Miles)	530
Wilderness Study (Acres x 1,000)	223
Dispersed Recreation (Visitor Days x 1,000)	59.7
Developed Recreation (Visitor Days)	797
Present Net Worth ($ x 1,000,000	-1.1
Total Sediment (1,000 Cubic Yards)	38.7

*See page 5.

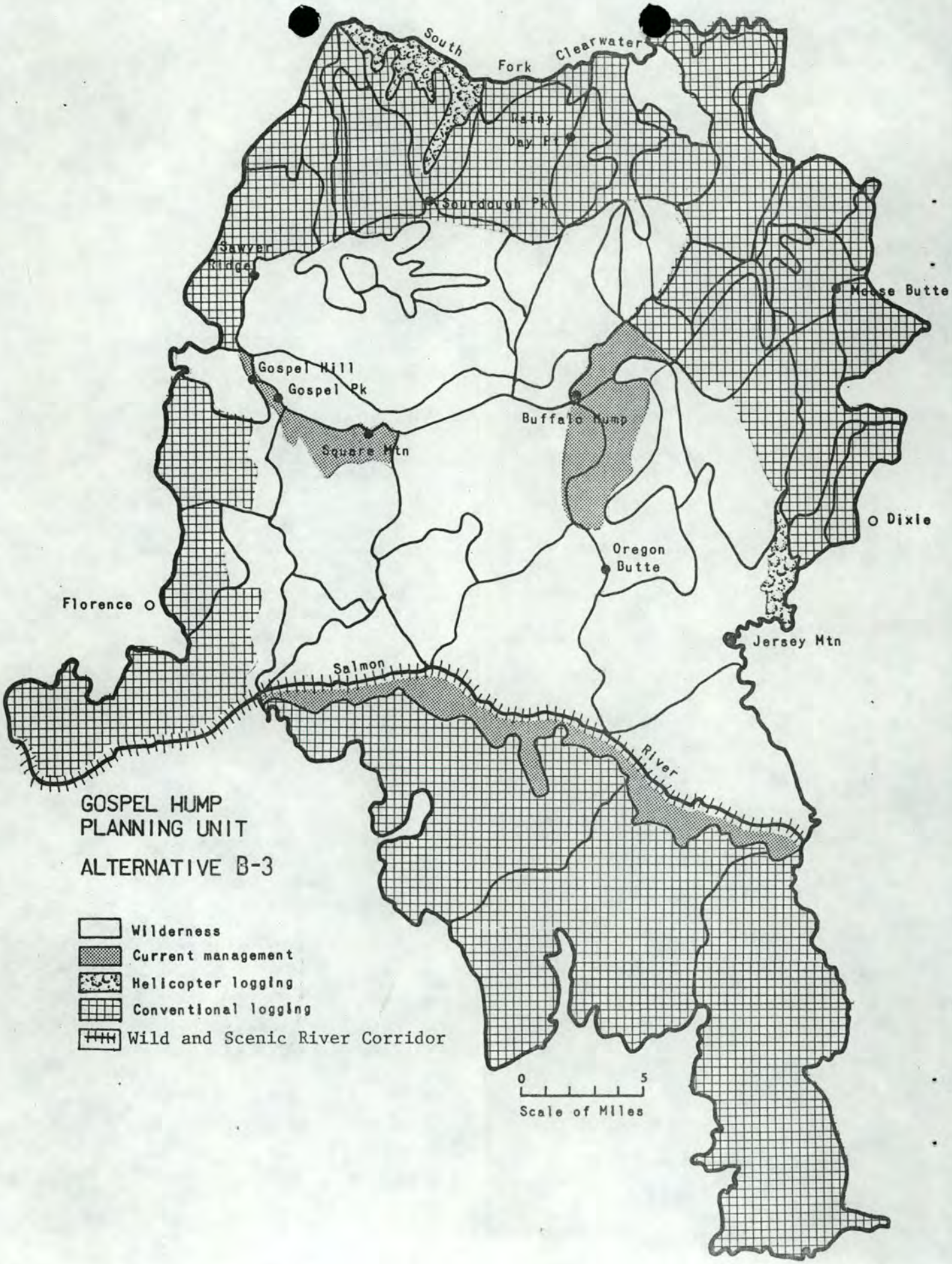

South Fork Clearwater
Gospel Hill
Gospel Pk
Square Mtn
Buffalo Jump
Oregon Butte
Jersey Mtn
Florence
Dixie
Salmon River
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE B-2
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0
5
Scale of Miles

ALTERNATIVE B-2

(This alternative is the same as B-1, but only aerial harvesting is allowed on the acres available for timber management.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.946
Deer-Elk Winter Range (Lbs. x 1,000,000)	16.1
Deer-Elk Summer Range (Lbs. x 1,000,000)	70.6
Grazing Animal Unit Months (x 1,000)	6.5
Timber (Bd.Ft.) (x 1,000,000)	33.8
Payette (Bd.Ft.) (x 1,000,000)	11.6
Nezperce (Bd.Ft.) (x 1,000,000)	22.2
Big Game (Bd.Ft.) (x 1,000,000)	3.0
Road Construction (Miles)	23.5
Existing Roads at end of planning period (Miles)	571
Wilderness Study (Acres x 1,000)	223
Dispersed Recreation (Visitor Days x 1,000)	60.5
Developed Recreation (Visitor Days)	835
Present Net Worth ($ x 1,000,000	-0.7
Total Sediment (1,000 Cubic Yards)	38.6

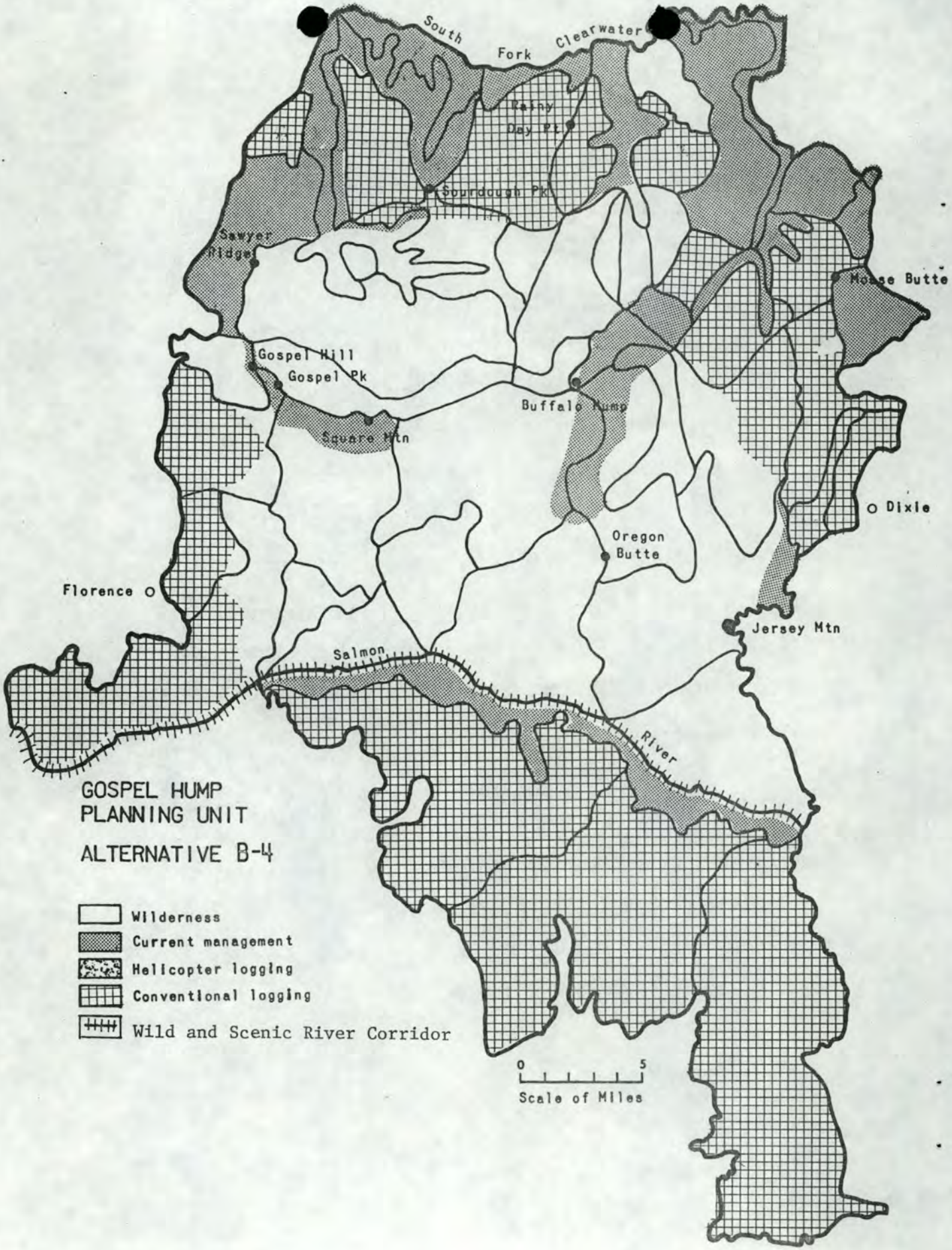

South Fork Clearwater
Rainy Day Pk
Sourdough Pk
Sawyer Ridge
Moose Butte
Gospel Hill
Gospel Pk
Buffalo Hump
Square Mtn
Dixie
Oregon Butte
Florence
Jersey Mtn
Salmon River
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE B-3
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0
5
Scale of Miles

ALTERNATIVE B-3

(This alternative fixes Wilderness Study acres as shown at 222,261, maximizes timber outputs otherwise, and all sediment constraints are removed.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.972
Deer-Elk Winter Range (Lbs. x 1,000,000)	16.1
Deer-Elk Summer Range (Lbs. x 1,000,000)	72.4
Grazing Animal Unit Months (x 1,000)	6.7
Timber (Bd.Ft.) (x 1,000,000)	38.2
Payette (Bd.Ft.) (x 1,000,000)	11.6
Nezperce (Bd.Ft.) (x 1,000,000)	26.6
Big Game (Bd.Ft.) (x 1,000,000)	6.7
Road Construction (Miles)	39.6
Existing Roads at end of planning period (Miles)	977
Wilderness Study (Acres x 1,000)	223
Dispersed Recreation (Visitor Days x 1,000)	61.4
Developed Recreation (Visitor Days)	612
Present Net Worth ($ x 1,000,000	-1.5
Total Sediment (1,000 Cubic Yards)	67.1

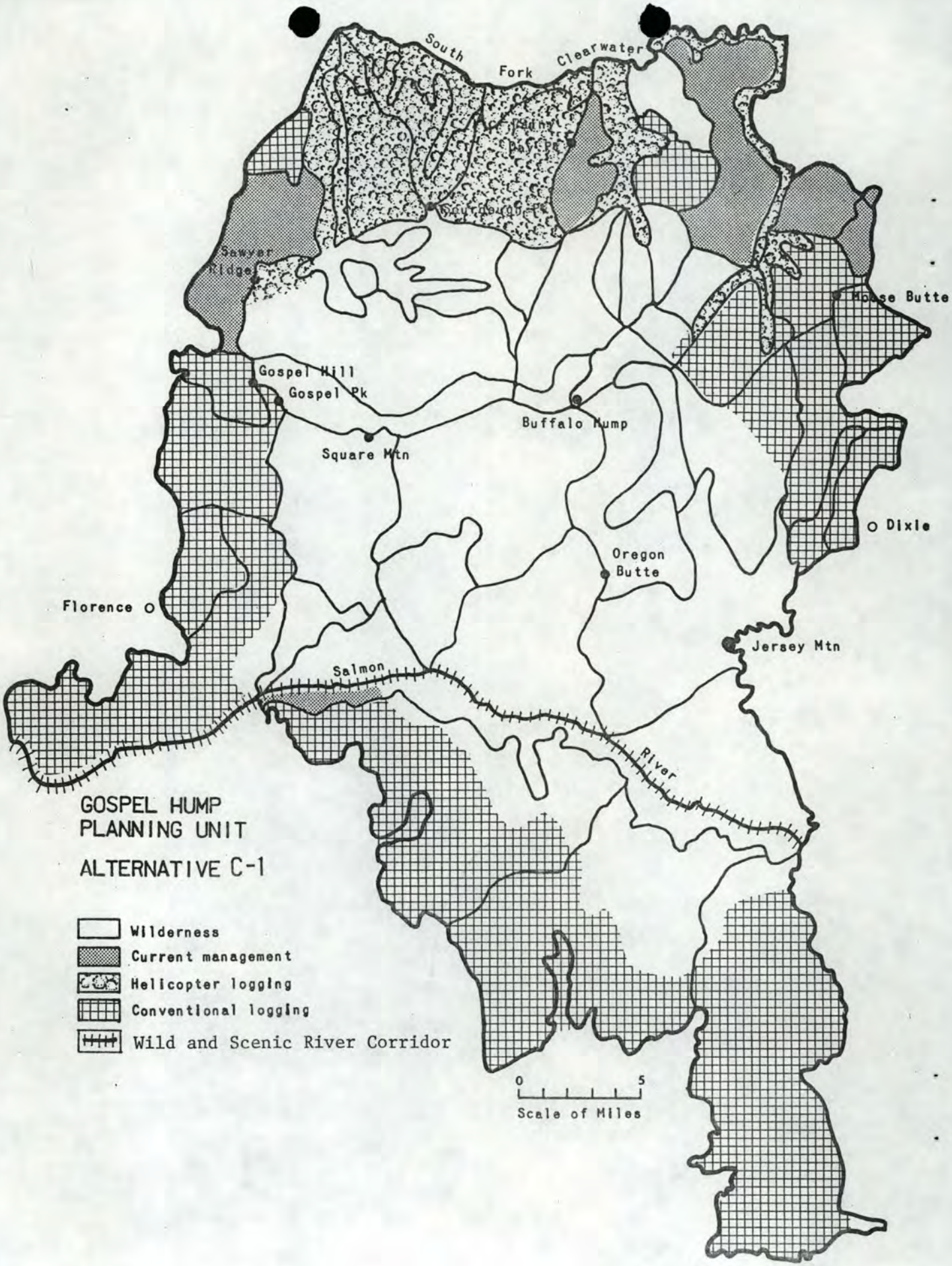

South Fork Clearwater
Rainy Day Pt
Sourdough Pk
Sawyer Ridge
Moose Butte
Gospel Hill
Gospel Pk
Buffalo Hump
Square Mtn
Dixie
Oregon Butte
Florence
Jersey Mtn
Salmon River
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE B-4
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0 5
Scale of Miles

ALTERNATIVE B-4

(This alternative is the same as B-3 except that net present worth was maximized along with timber outputs.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.948
Deer-Elk Winter Range (Lbs. x 1,000,000)	16.1
Deer-Elk Summer Range (Lbs. x 1,000,000)	64.3
Grazing Animal Unit Months (x 1,000)	5.7
Timber (Bd.Ft.) (x 1,000,000)	19.9
Payette (Bd.Ft.) (x 1,000,000)	11.6
Nezperce (Bd.Ft.) (x 1,000,000)	8.3
Big Game (Bd.Ft.) (x 1,000,000)	8.2
Road Construction (Miles)	22.0
Existing Roads at end of planning period (Miles)	529
Wilderness Study (Acres x 1,000)	223
Dispersed Recreation (Visitor Days x 1,000)	59.0
Developed Recreation (Visitor Days)	835
Present Net Worth ($ x 1,000,000	-1.6
Total Sediment (1,000 Cubic Yards)	38.6


South Fork Clearwater
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Gospel Hill
Gospel Pk
Square Mtn
Buffalo Hump
House Butte
Dixie
Oregon Butte
Florence
Jersey Mtn
Salmon River
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE C-1
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0 5
Scale of Miles

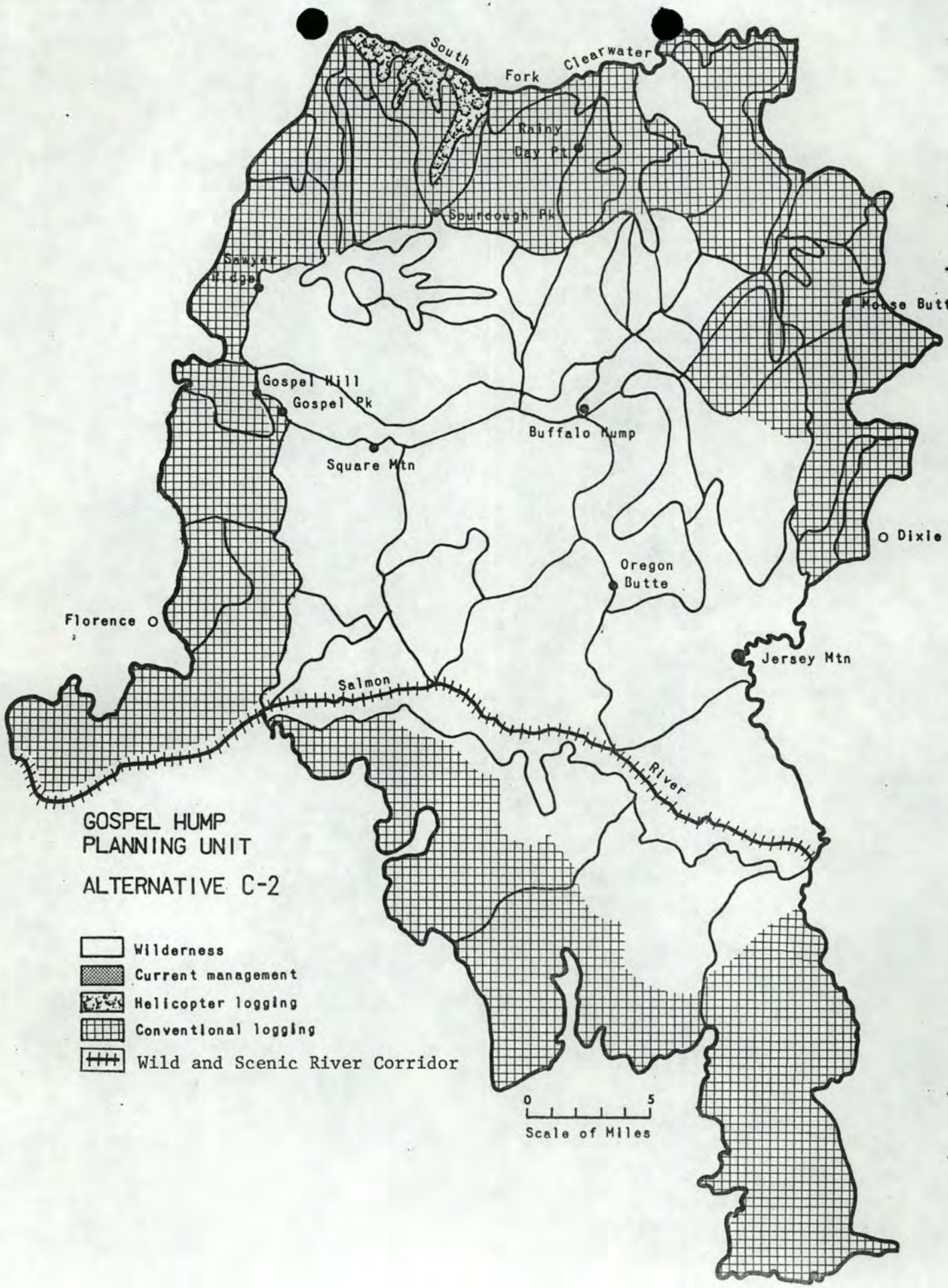
ALTERNATIVE C-1

(This alternative expands the Wilderness Study acreage as shown to 269,408, constrains sediment increases to no more than 150%*, and maximizes timber output otherwise.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.938
Deer-Elk Winter Range (Lbs. x 1,000,000)	16.1
Deer-Elk Summer Range (Lbs. x 1,000,000)	64.3
Grazing Animal Unit Months (x 1,000)	5.9
Timber (Bd.Ft.) (x 1,000,000)	20.1
Payette (Bd.Ft.) (x 1,000,000)	8.8
Nezperce (Bd.Ft.) (x 1,000,000)	11.3
Big Game (Bd.Ft.) (x 1,000,000)	3.0
Road Construction (Miles)	21.8
Existing Roads at end of planning period (Miles)	524
Wilderness Study (Acres x 1,000)	263
Dispersed Recreation (Visitor Days x 1,000)	71.0
Developed Recreation (Visitor Days)	699
Present Net Worth ($ x 1,000,000	-1.2
Total Sediment (1,000 Cubic Yards)	38.4

*See page 5.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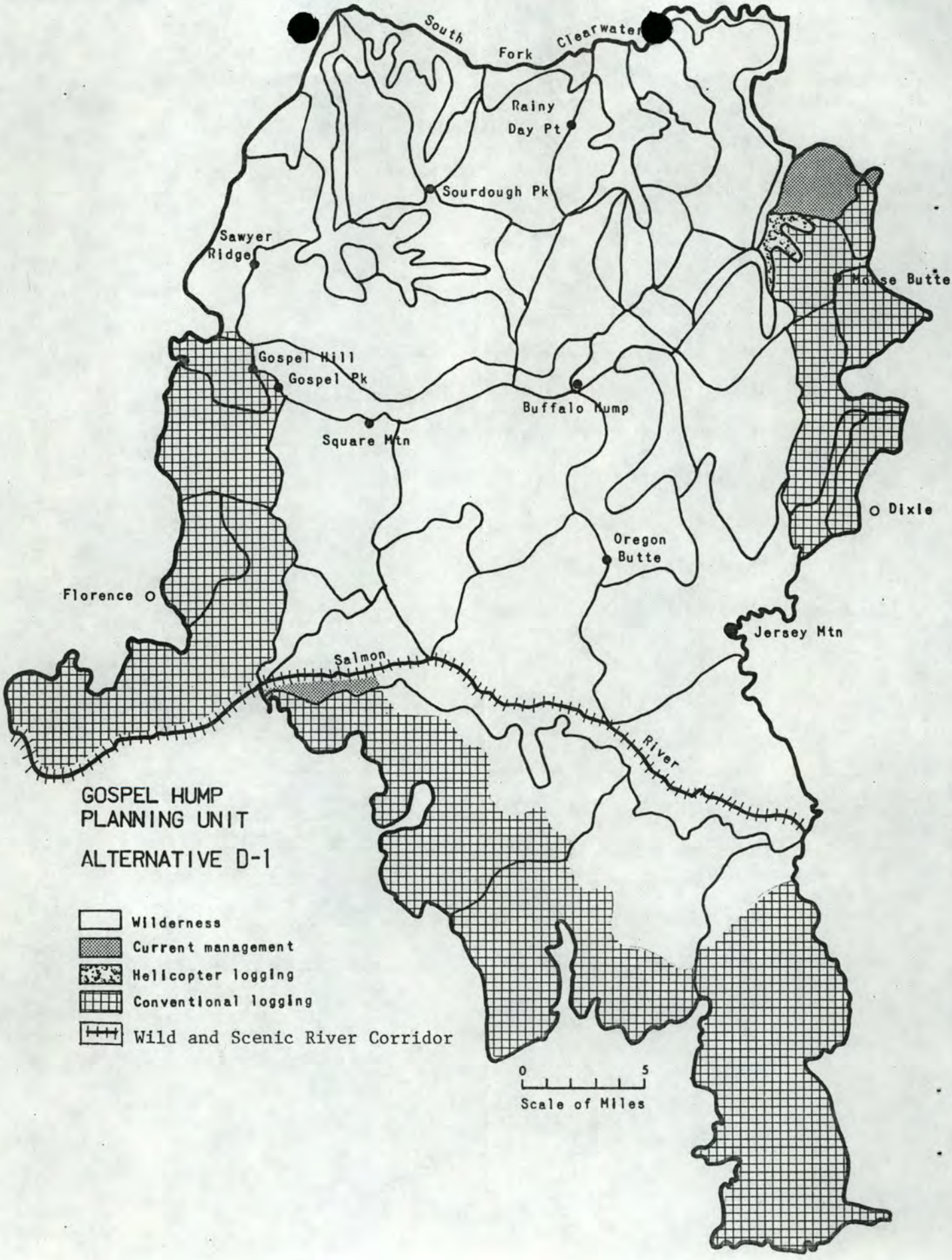
Rainy Day Pt
Spurcough Pk
Sawyer Ridge
Moose Butte
Gospel Hill
Gospel Pk
Buffalo Hump
Square Mtn
Dixie
Oregon Butte
Florence
Jersey Mtn
Salmon River
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE C-2
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0
5
Scale of Miles

ALTERNATIVE C-2

(This alternative is the same as Alternative C-1, but sediment constraints have been removed.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.970
Deer-Elk Winter Range (Lbs. x 1,000,000)	16.1
Deer-Elk Summer Range (Lbs. x 1,000,000)	71.7
Grazing Animal Unit Months (x 1,000)	6.7
Timber (Bd.Ft.) (x 1,000,000)	34.6
Payette (Bd.Ft.) (x 1,000,000)	8.8
Nezperce (Bd.Ft.) (x 1,000,000)	25.8
Big Game (Bd.Ft.) (x 1,000,000)	6.7
Road Construction (Miles)	37.8
Existing Roads at end of planning period (Miles)	956
Wilderness Study (Acres x 1,000)	263
Dispersed Recreation (Visitor Days x 1,000)	72.6
Developed Recreation (Visitor Days)	513
Present Net Worth ($ x 1,000,000	-1.5
Total Sediment (1,000 Cubic Yards)	67.3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Rainy Day Pt
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Sawyer Ridge
Moose Butte
Gospel Hill
Gospel Pk
Buffalo Hump
Square Mtn
Dixie
Oregon Butte
Florence
Jersey Mtn
Salmon River
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE D-1
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0
5
Scale of Miles

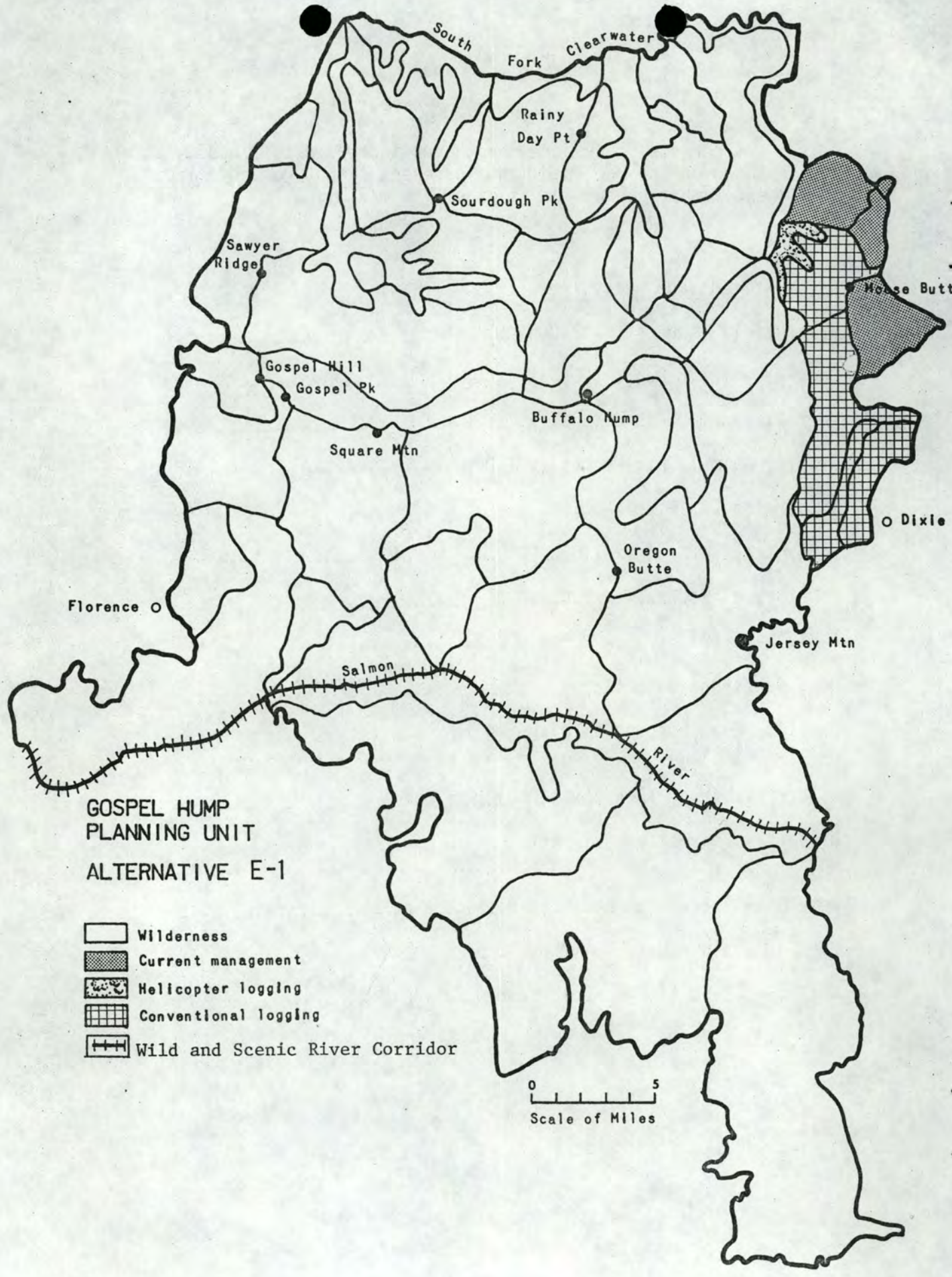
ALTERNATIVE D-1

(Wilderness Study acres have been increased to 375,930, as shown on the map, sediment increases cannot go above 150%*, and timber production is otherwise maximized.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.926
Deer-Elk Winter Range (Lbs. x 1,000,000)	14.1
Deer-Elk Summer Range (Lbs. x 1,000,000)	57.2
Grazing Animal Unit Months (x 1,000)	5.6
Timber (Bd.Ft.) (x 1,000,000)	14.5
Payette (Bd.Ft.) (x 1,000,000)	8.8
Nezperce (Bd.Ft.) (x 1,000,000)	5.7
Big Game (Bd.Ft.) (x 1,000,000)	0
Road Construction (Miles)	8.8
Existing Roads at end of planning period (Miles)	401
Wilderness Study (Acres x 1,000)	365
Dispersed Recreation (Visitor Days x 1,000)	70.3
Developed Recreation (Visitor Days)	736
Present Net Worth ($ x 1,000,000	-0.3
Total Sediment (1,000 Cubic Yards)	35.5

*See page 5.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Rainy Day Pt
Sourdough Pk
Sawyer Ridge
Gospel Hill
Gospel Pk
Square Mtn
Buffalo Hump
House Butte
Dixie
Oregon Butte
Florence
Jersey Mtn
Salmon River
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE E-1
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0
5
Scale of Miles

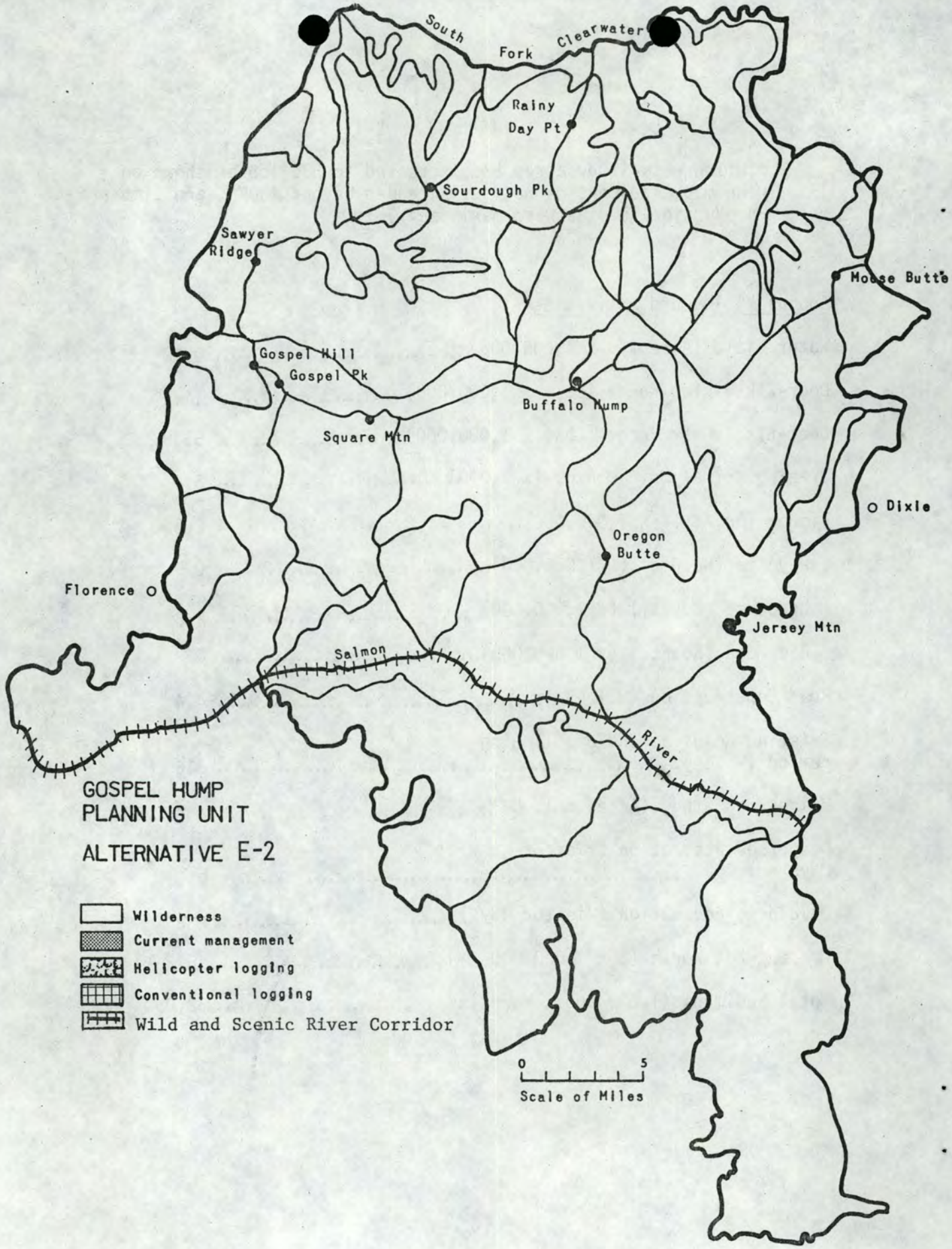
ALTERNATIVE E-1

(Wilderness Study acres are increased to 536,155 as shown on the map, sediment cannot be increased beyond 150%*, and timber production is otherwise maximized.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.918
Deer-Elk Winter Range (Lbs. x 1,000,000)	14.1
Deer-Elk Summer Range (Lbs. x 1,000,000)	55.9
Grazing Animal Unit Months (x 1,000)	5.4
Timber (Bd.Ft.) (x 1,000,000)	2.8
Payette (Bd.Ft.) (x 1,000,000)	0
Nezperce (Bd.Ft.) (x 1,000,000)	2.8
Big Game (Bd.Ft.) (x 1,000,000)	0
Road Construction (Miles)	4.4
Existing Roads at end of planning period (Miles)	316
Wilderness Study (Acres x 1,000)	496
Dispersed Recreation (Visitor Days x 1,000)	91.7
Developed Recreation (Visitor Days)	838
Present Net Worth ($ x 1,000,000	-0.4
Total Sediment (1,000 Cubic Yards)	32.0

*See page 5.

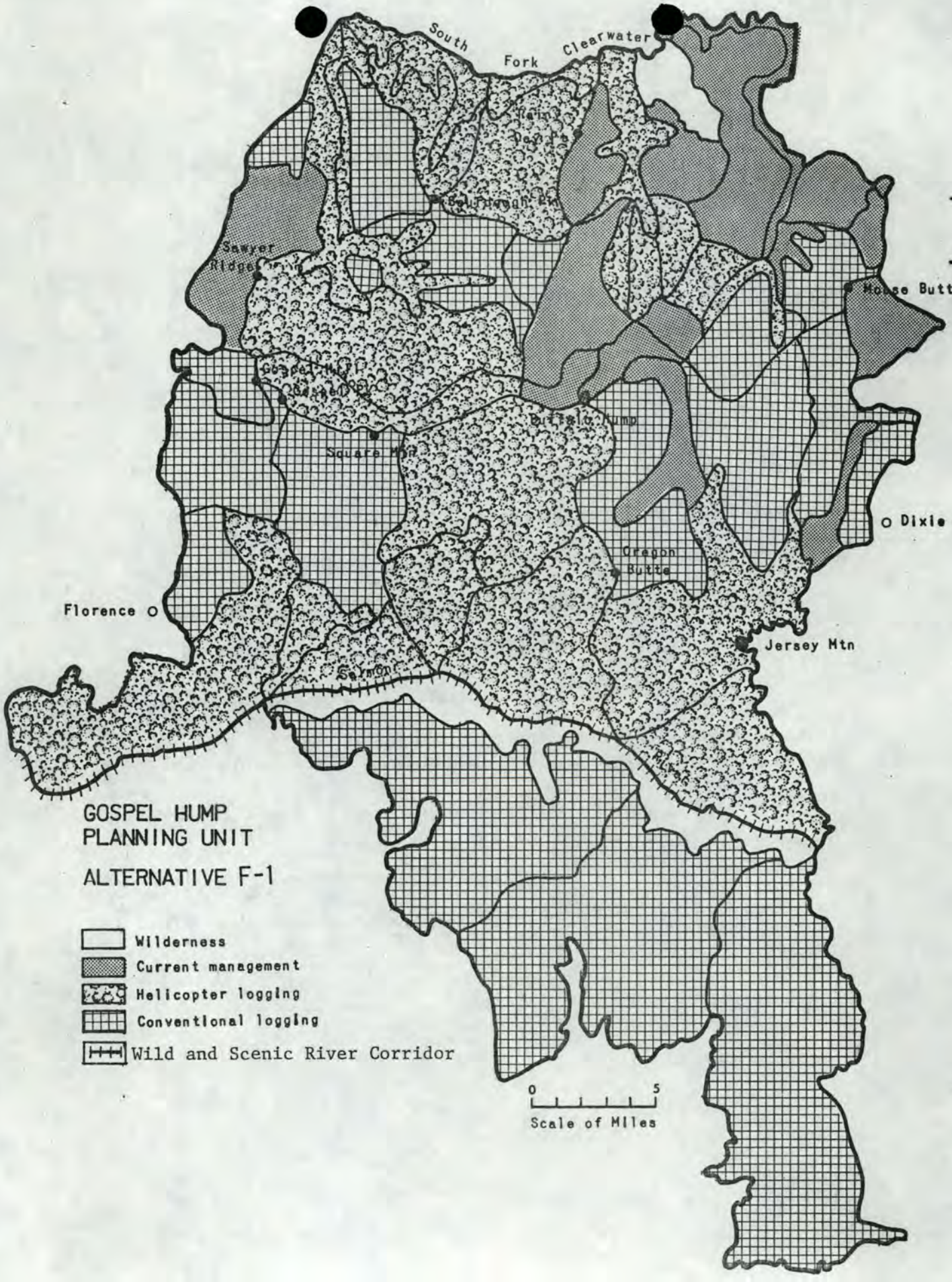

South Fork Clearwater
Rainy Day Pt
Sourdough Pk
Sawyer Ridge
Moose Butte
Gospel Hill
Gospel Pk
Buffalo Hump
Square Mtn
Dixie
Oregon Butte
Florence
Jersey Mtn
Salmon River
GOSPEL HUMP PLANNING UNIT
ALTERNATIVE E-2
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0
5
Scale of Miles

ALTERNATIVE E-2

(This is a total Wilderness Study alternative, within which all roadless acres will be considered for wilderness. Total Wilderness Study acres are 536,155.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.911
Deer-Elk Winter Range (Lbs. x 1,000,000)	14.1
Deer-Elk Summer Range (Lbs. x 1,000,000)	54.4
Grazing Animal Unit Months (x 1,000)	5.3
Timber (Bd.Ft.) (x 1,000,000)	.8
Payette (Bd.Ft.) (x 1,000,000)	0
Nezperce (Bd.Ft.) (x 1,000,000)	.8
Big Game (Bd.Ft.) (x 1,000,000)	0
Road Construction (Miles)	1.3
Existing Roads at end of planning period (Miles)	251
Wilderness Study (Acres x 1,000)	524
Dispersed Recreation (Visitor Days x 1,000)	91.7
Developed Recreation (Visitor Days)	839
Present Net Worth ($ x 1,000,000	-0.4
Total Sediment (1,000 Cubic Yards)	30.7


South Fork Clearwater
Sawyer Ridge
Gospel Hump
Square Mtn
Buffalo Hump
Oregon Butte
House Butte
Dixie
Florence
Jersey Mtn
Salmon
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE F-1
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0
5
Scale of Miles

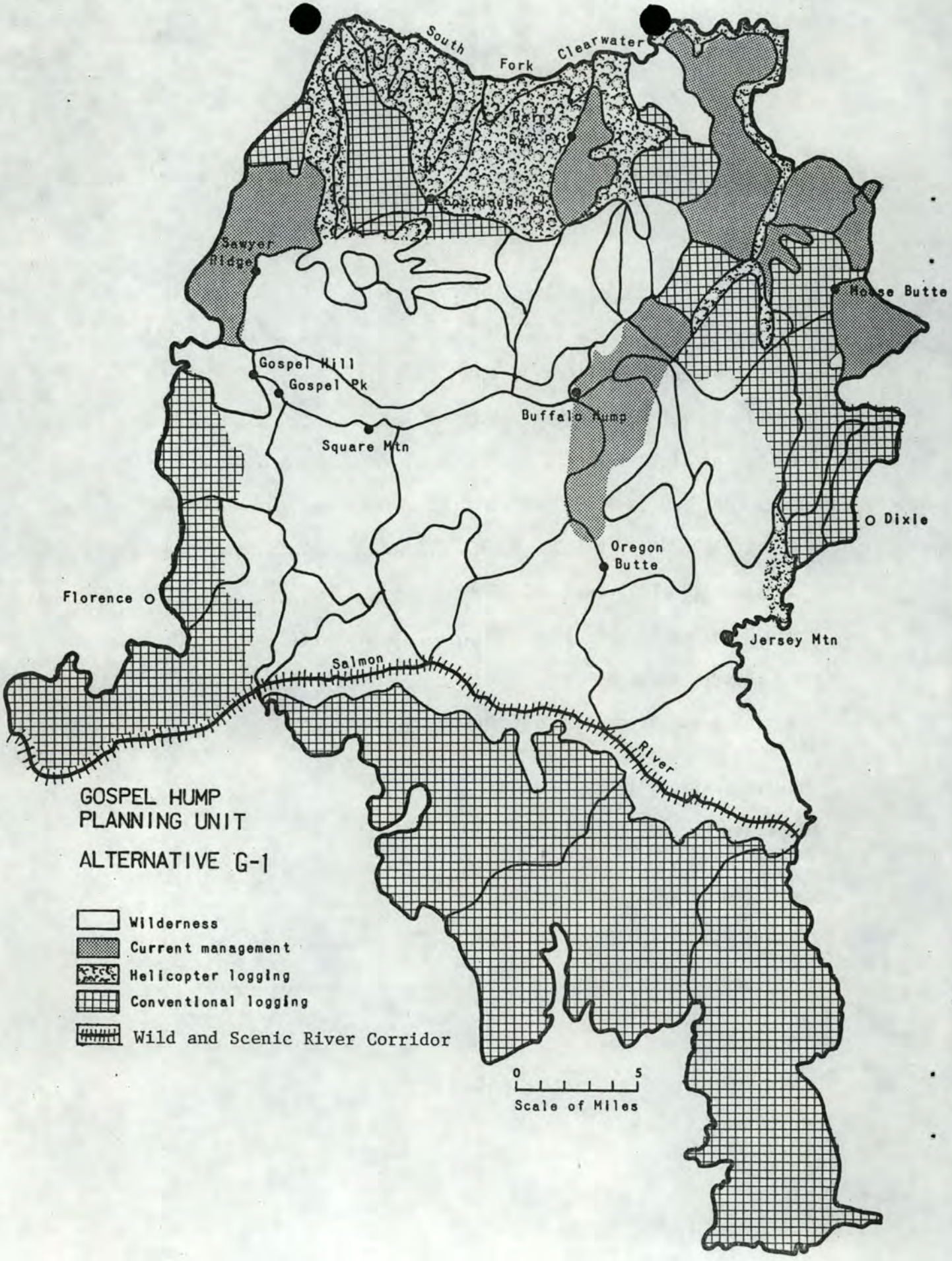
ALTERNATIVE F-1

(This is a "no wilderness study" alternative, activities are not allowed that increase sediment beyond 150%* of normal, and timber production is otherwise maximized.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.956
Deer-Elk Winter Range (Lbs. x 1,000,000)	15.8
Deer-Elk Summer Range (Lbs. x 1,000,000)	66.2
Grazing Animal Unit Months (x 1,000)	6.2
Timber (Bd.Ft.) (x 1,000,000)	28.6
Payette (Bd.Ft.) (x 1,000,000)	11.6
Nezperce (Bd.Ft.) (x 1,000,000)	17.0
Big Game (Bd.Ft.) (x 1,000,000)	0
Road Construction (Miles)	22.7
Existing Roads at end of planning period (Miles)	602
Wilderness Study (Acres x 1,000)	0
Dispersed Recreation (Visitor Days x 1,000)	60.5
Developed Recreation (Visitor Days)	737
Present Net Worth ($ x 1,000,000	-1.3
Total Sediment (1,000 Cubic Yards)	38.7

*See page 5.


South Fork Clearwater
Sawyer Ridge
Gospel Hill
Gospel Pk
Square Mtn
Buffalo Hump
House Butte
Dixie
Oregon Butte
Florence
Jersey Mtn
Salmon River
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE G-1
Wilderness
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0
5
Scale of Miles

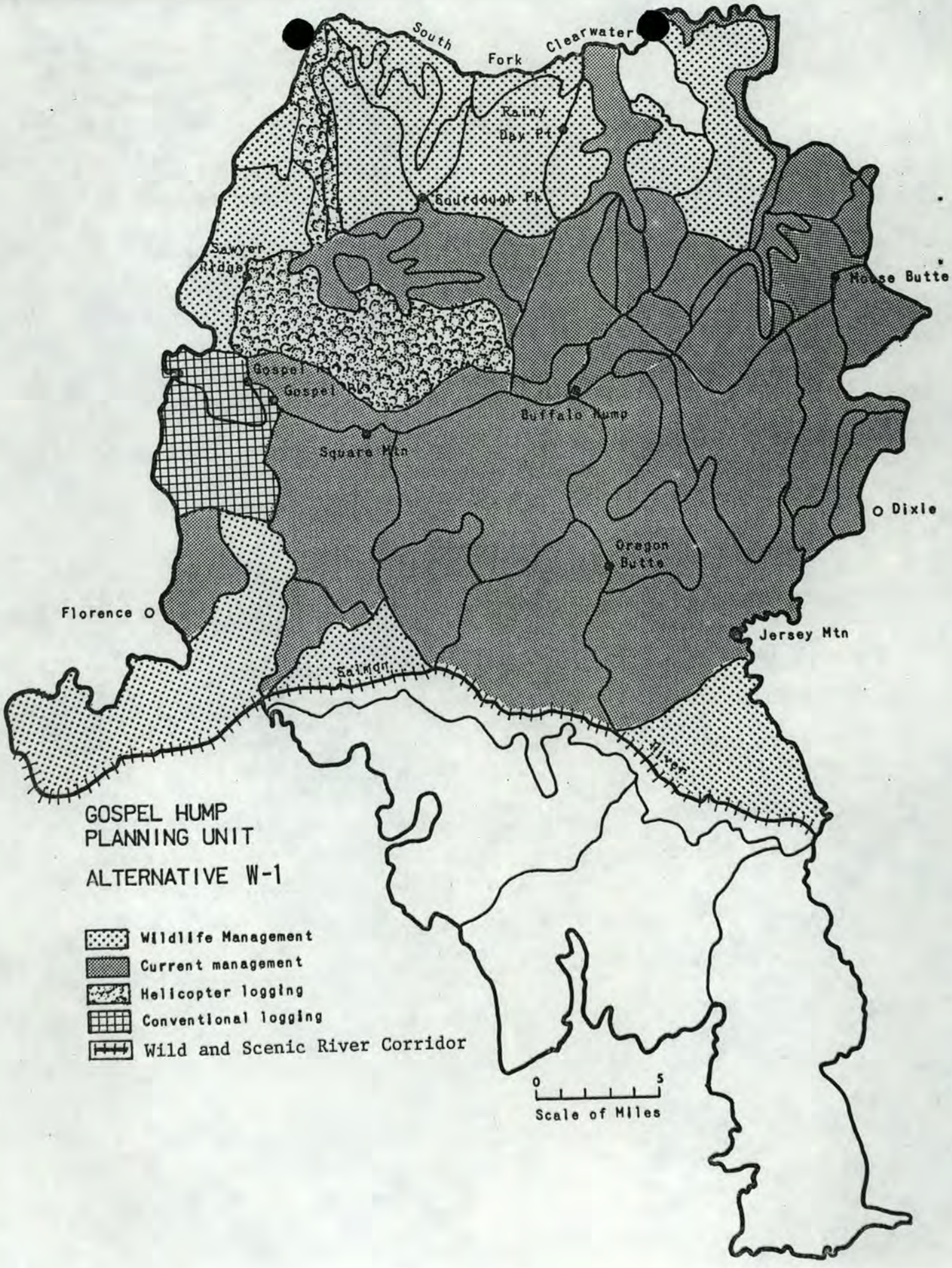
ALTERNATIVE G-1

(This alternative sets Wilderness Study acres at 234,101, allows no disturbance that will increase sediment to 150%* of normal, and maximizes timber otherwise.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.938
Deer-Elk Winter Range (Lbs. x 1,000,000)	16.1
Deer-Elk Summer Range (Lbs. x 1,000,000)	64.4
Grazing Animal Unit Months (x 1,000)	5.9
Timber (Bd.Ft.) (x 1,000,000)	23.2
Payette (Bd.Ft.) (x 1,000,000)	11.6
Nezperce (Bd.Ft.) (x 1,000,000)	11.6
Big Game (Bd.Ft.) (x 1,000,000)	3.0
Road Construction (Miles)	22.1
Existing Roads at end of planning period (Miles)	530
Wilderness Study (Acres x 1,000)	235
Dispersed Recreation (Visitor Days x 1,000)	63.2
Developed Recreation (Visitor Days)	797
Present Net Worth ($ x 1,000,000	-1.1
Total Sediment (1,000 Cubic Yards)	38.7

*See page 5.


South Fork Clearwater
Kamy Bpy Pt
Sourdough Pk
Sawyer Ridge
Moose Butte
Gospel Hump
Gospel Pk
Buffalo Hump
Square Mtn
Dixie
Oregon Butte
Florence
Jersey Mtn
Salmon River
GOSPEL HUMP
PLANNING UNIT
ALTERNATIVE W-1
Wildlife Management
Current management
Helicopter logging
Conventional logging
Wild and Scenic River Corridor
0
5
Scale of Miles

ALTERNATIVE W-1

(This is a rehabilitation of big game winter range alternative, with no wilderness, all activities constrained so that sediment production will stay below a 150%* increase, timber harvest is incidental to game range rehabilitation, or selected where it will have no adverse effect on the winter game range rehabilitation objective.)

Annual Yields and Activities

Water Yield (Acre-ft. x 1,000,000)	.924
Deer-Elk Winter Range (Lbs. x 1,000,000)	18.6
Deer-Elk Summer Range (Lbs. x 1,000,000)	59.3
Grazing Animal Unit Months (x 1,000)	5.4
Timber (Bd.Ft.) (x 1,000,000)	13.9
Payette (Bd.Ft.) (x 1,000,000)	11.6
Nezperce (Bd.Ft.) (x 1,000,000)	2.3
Big Game (Bd.Ft.) (x 1,000,000)	9.7
Road Construction (Miles)	11.1
Existing Roads at end of planning period (Miles)	316
Wilderness Study (Acres x 1,000)	0
Dispersed Recreation (Visitor Days x 1,000)	59.1
Developed Recreation (Visitor Days)	736
Present Net Worth ($ x 1,000,000	-0.1
Total Sediment (1,000 Cubic Yards)	38.7

*See page 5.

The chart on the following page illustrates socio-economic change from the status quo that will be caused by the various alternatives.

SOCIO-ECONOMIC DATA FOR LOCAL AREA
(Idaho, Lewis and Nezperce Counties)

ECONOMIC FACTORS	ALTERNATIVES													
	A-1	A-2	B-1*	B-2	B-3	B-4	C-1	C-2	D	E-1	E-2	F	G	W
Total Gross Output $ x 1,000	714745	717357	714402	716660	717761	713593	714162	717385	712874	710840	711321	715523	717631	712824
Value Added $ x 1,000	573292	575608	572987	574991	575969	572269	572786	575646	571643	569859	570285	573991	575874	571577
Personal Income $ x 1,000	188511	188835	188464	188746	188880	188362	188489	188888	188330	188188	188247	188606	188864	188275
Number Jobs	18395	18469	18385	18450	18481	18362	18383	18474	18346	18297	18310	18417	18478	18340
Total Numbers Population	44064	44260	44037	44208	44290	43976	44031	44273	43934	43803	43839	44123	44282	43919
Discounted Revenues	22138	21152	22244	21205	26152	22742	22369	26311	21285	20477	19936	22475	22626	20770
Discounted Costs $ x 1,000	16677	12459	15504	11730	23195	21063	16055	22111	6749	4404	3472	17707	16428	6260
Discounted Present Net Worth $ x 1,000	11586	13630	13080	14608	12814	8588	11429	12734	18798	16837	16748	11091	12574	19660
Benefit/ Cost Ratio	1.69	2.09	1.84	2.25	1.55	1.41	1.71	1.58	3.79	4.82	5.82	1.63	1.77	4.14
Marginal Benefit/Cost Ratio	.62	.65	.70	.74	.80	.54	.58	.78	1.63	1.10	--	.60	.68	2.04
	Changes from Base Alternative (B-1)													
Change in Population	27	223	---	171	253	-61	-6	236	-103	-234	-198	86	10	-118
Change in Total Gross Output from B-1($x1000)	343	2955	---	2258	3359	-809	-240	+2983	-1528	-3562	-3081	1121	88	-1578
Change in Value Added ($x1,000)	305	2621	---	2004	2982	-718	-201	2659	-1344	-3128	-2702	1004	83	-1410
Change in Personal Income ($x1,000)	47	371	---	282	416	-102	25	424	-134	-276	-217	142	28	-189
Change in Jobs	10	84	---	65	96	-23	-2	+89	-39	-88	-75	32	4	-45
Change Jobs Wood Prod.	9	79	1/	60	90	-22	-14	72	-49	-119	-106	+30	0	-43
Wood Products Income ($x1000)	33	304	2/	234	349	-83	-54	280	-188	-459	-408	+117	0	-167

*Base Problem

1/ Base wood products industry jobs - 4122

2/ Base wood products industry income - $15,945,000

Key Parameters

Several of the possible resource uses are very sensitive to the preceding alternative choices.

Should the wilderness study lead to wilderness classification, there are obvious and immediate trade-offs between those uses demanding motorized equipment or land disturbance and wilderness uses.

Land-disturbing activities within the Gospel-Hump Unit will produce changes in the sedimentation rates now normal for this area. Sedimentation rates and the effects therefrom on water quality and fisheries create the most sensitive parameter noted in the Gospel-Hump Unit. The rates shown on the preceding pages, alternative by alternative, are based on the latest research, findings by the Nezperce Forest Hydrologist and Soil Scientist, and present road building, logging, and other forest practices.

Review

Eminent scientists in each of the sciences directly associated with the practice of forestry have reviewed the process and logic used to develop the preceding alternatives. These men are:

Enoch Bell, PhD., Economist
Kenneth Sowles, M.S., Forester
Warren Starr, M.S., Soil Scientist
William Platts, PhD., Fisheries Biologist
Maynard Miller, PhD., Geologist
John Schomaker, PhD., Wildland Recreation Specialist
James Peek, PhD., Wildlife Biologist

This group of individuals has taken particular note of the sensitivity of sedimentation rates, and finds the derivation of these rates and the effects thereof in order.

Mining

Special notice should be made of the mineral potential of this planning unit. Past prospecting and mining activities and the geology of the unit suggest great mineral potential. Yet, there is no quantitative measurement of this potential. Nothing can be stated in terms of exact locations of specific minerals or ore-ton production figures. This cannot be done without very expensive exploration by experts in this field.

Wilderness study would provide for prior evaluation by the U.S. Geological Survey and U.S. Bureau of Mines before Wilderness classification recommendations are made. Other alternatives presented would not preclude mining or exploration.

For Your Response

This sheet has been provided for you to give your thoughts about future management of the Gospel-Hump Planning Unit. Express your likes or dislikes for any one or all of the alternative plans. Be as specific as possible. Your comments will be useful to us in selecting a management plan.

To submit your comments, enter them on the form below, tear out, fold, and mail. The form has been pre-addressed and requires no postage.

PLEASE DO THIS BY NOVEMBER 10, 1977
(We apologize for the quick response date!)

(Your name, address, and any organizational affiliation would be helpful to us in analyzing your response.)

Name _____

Address _____

City _____ State_____ Zip_____

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(Additional sheets may be enclosed.)

Please check one of the following:
I wish to receive the complete Draft Environmental Statement: _____
(Approx. 400 pages)

or, I wish to receive a synopsis of the Draft Environmental Statement, showing alternatives, the selected alternative, and reasons: _____

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Grangeville, ID 83530

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319 EAST MAIN
GRANGEVILLE, IDAHO 83530

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(9-71)

J-725-259

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Grangeville, ID 83530

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AGR 101

U.S.MAIL

Mr. Kenneth M. Sowles
962 N. Cleveland
Moscow, ID 83843

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