

Assessment of Wilderness Potential

An assessment of
Lands on the
Humboldt-Toiyabe
National Forest
that have potential
for consideration
by Congress for
wilderness
designation

An inventory prepared as a part of
the revision of the
**Humboldt-Toiyabe National Forest
Land and Resource Management Plan**
as per Forest Service Manual direction



Draft-May 2006

Humboldt Toiyabe National Forest
Forest Plan Revision
Assessment of Wilderness Potential
May 2006

Humboldt-Toiyabe National Forest Plan Revision is conducted in accordance with the 2005 Planning Rule (36 CFR 219), published January 5, 2005.

Other associated planning efforts include:

- ✚ 36 CFR Part 294 Special Areas
- ✚ State Petitions for Roadless Area Management
- ✚ Roadless Area Conservation National Advisory Committee

Additional implementation direction has been provided in Chapter 1920 of the Forest Service Manual and in Forest Service Handbook 1909.12, Land Management Planning Handbook. The manuals provide the policy direction, while the handbook describes how to implement that direction.

Handbook direction describes the process to determine how areas are listed and mapped using three criteria:

1) Capability factors. To be capable, the area must generally appear to have been affected primarily by the forces of nature, with the imprint of man's work substantially unnoticeable; have outstanding opportunities for solitude or a primitive and unconfined type of recreation; have at least five thousand acres of land or be of sufficient size as to make practicable its preservation and use in an unimpaired condition; and may also contain ecological, geological, or other features of scientific, educational, scenic, or historical value. (see chart 1)

2) Availability. In evaluating availability, the other resource demands and uses that the area under evaluation could satisfy are described. All other resource potentials-pertinent quantitative and qualitative information, including current use, outputs, trends, and potential future use, and outputs of the various resources involved are considered.

3) Need is addressed through the public involvement process, including public input to the evaluation report. Need is reviewed on a regional basis and evaluated by such factors as the geographic distribution of areas and representations of landforms and ecosystems.

Due to the high number of potential areas on the Humboldt Toiyabe National Forest, the Forest Plan Revision interdisciplinary team developed a screening process to allow more focused and extensive evaluation of the areas with potential for wilderness consideration.

The size, naturalness and recreation settings were evaluated with computer analysis (screen 1). The areas with a at least minimal capability were individually reviewed by joint Forest and Ranger District Interdisciplinary Teams by using a High, Medium, or Low (H, M, L) assessment of each of the Capability criteria from the above referenced

handbook, and then by summarizing this information for an overall rating (Screen 2 and 3). This product was then reviewed by Forest line officers made available to the public for comment via this report.

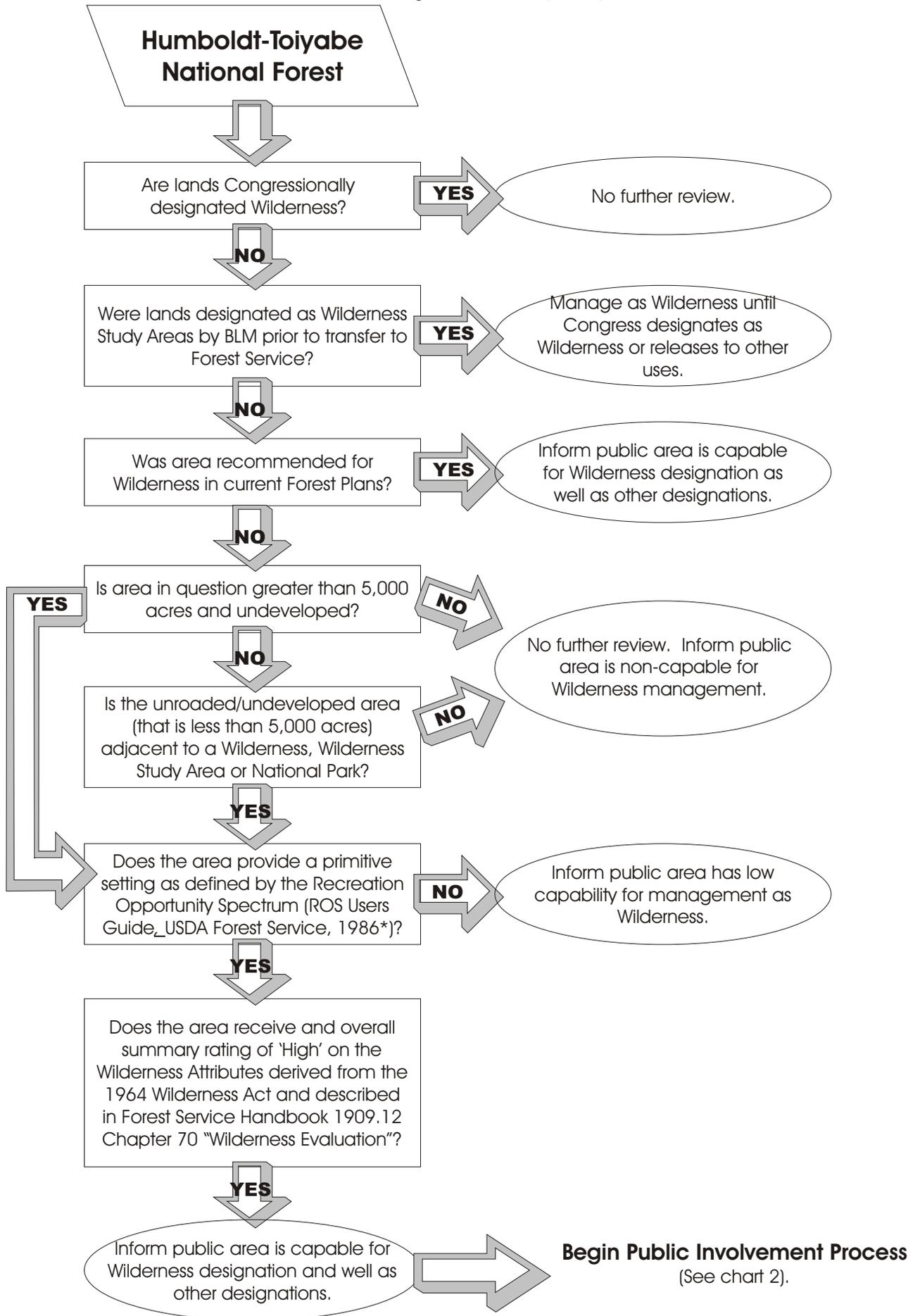
Both public and other agencies' comments will then be used in the Availability and Need determination. (see chart 2).

Table 1- Summary table of Forest-wide acreage by analysis step (in million acres)

2000 Roadless Conservation Rule	Data Cleanup & updates using Regional Protocol	Screen 1 (basic criteria)	Screen 2 & 3 (capable areas)
3.4	2.9	2.4	1.3

Assessment of Wilderness Potential

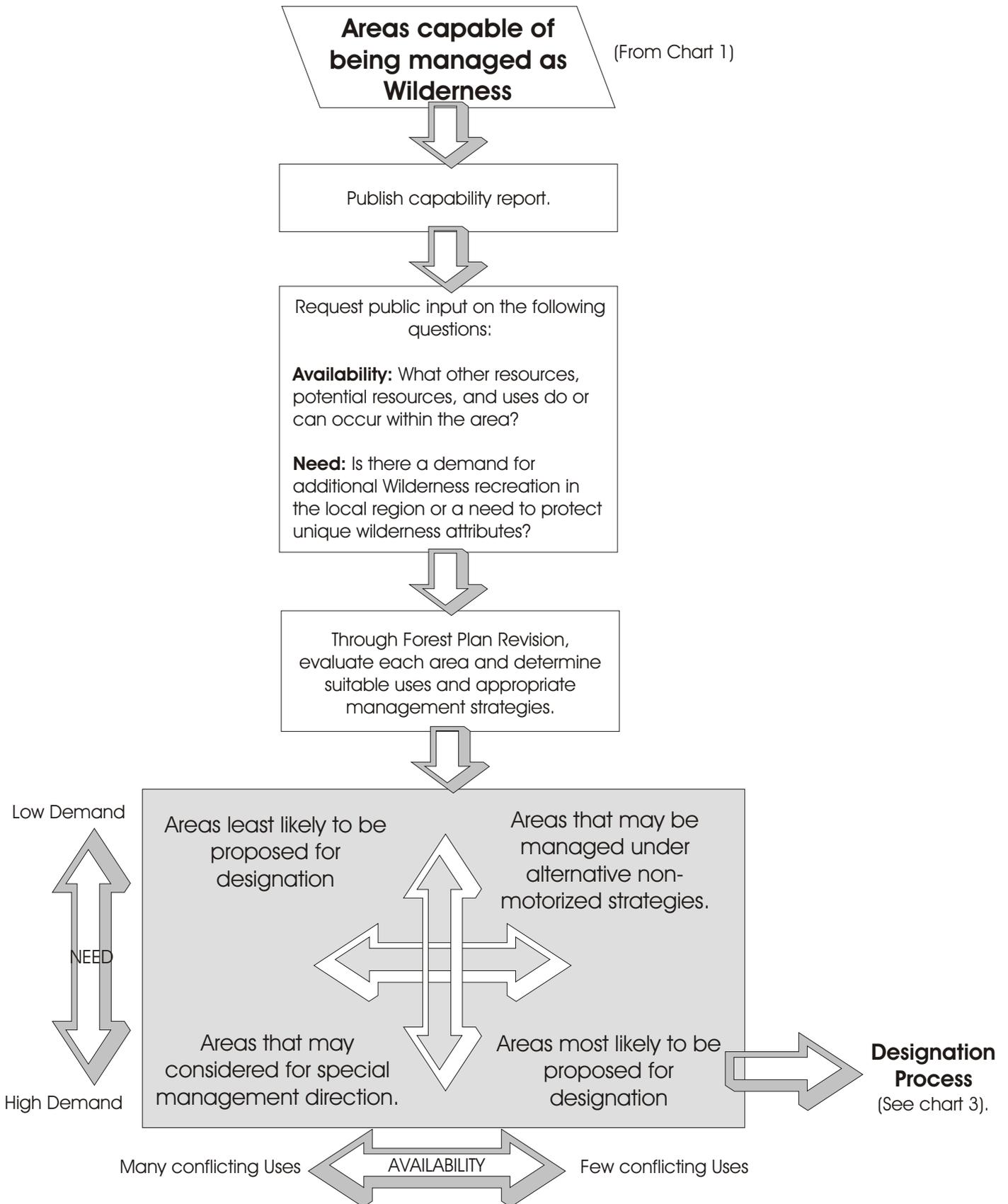
CHART 1- Determining Wilderness Capability



*<http://roadless.fs.fed.us/data/pdfdocs/rosguide.pdf>

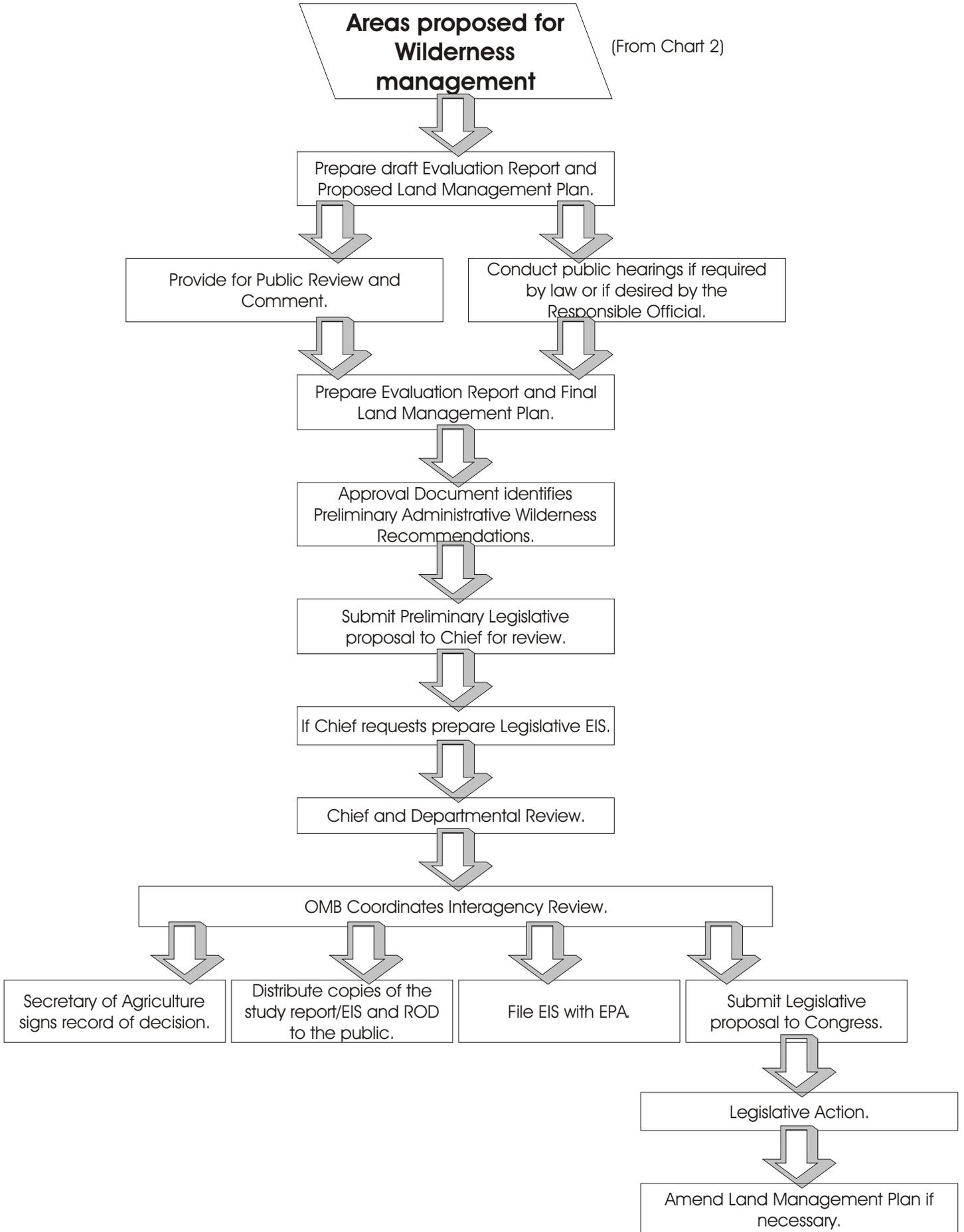
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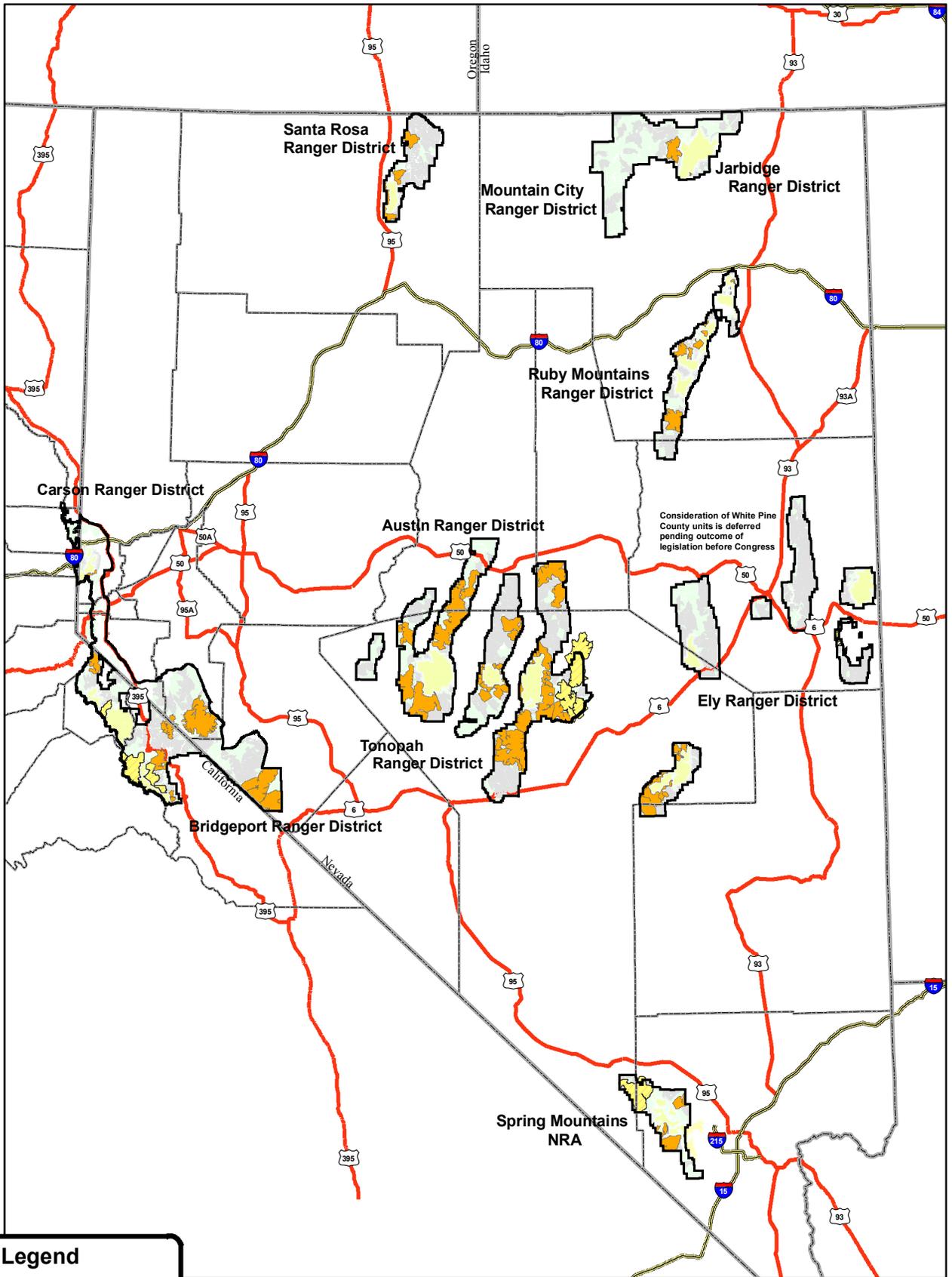
CHART 2- Determining Wilderness Availability & Need



Assessment of Wilderness Potential

CHART 3- Process for Wilderness Designation
(from FSH 1909.12, 73.1 - Exhibit 01)





Legend

- capable areas
- previously recommended
- existing Wilderness
- undeveloped areas
- H-T National Forest



Assessment of Wilderness Potential

Humboldt-Toiyabe National Forest
U.S. DEPARTMENT OF AGRICULTURE

Humboldt-Toiyabe National Forest data was compiled from multiple sources and may not meet the U.S. National Mapping Standards of the Office of Management and Budget. This data has no warranties to its content or accuracy when used for purposes other than those intended by the Humboldt-Toiyabe National Forest.

Units Capable of Wilderness Management

Areas reviewed through the Humboldt-Toiyabe Evaluation Process.

unit#	name	Ranger District(s)	County(s)	State(s)	Acres
Austin Ranger District					
08-03	South Shoshone Peak	Austin Ranger District	Lander	Nevada	23,546
09-03	Bunker Hill	Austin Ranger District	Lander	Nevada	22,887
09-04	Toiyabe Range	Austin and Tonopah Ranger Districts	Nye, Lander	Nevada	100,397
11-05	White Rock Mtn	Austin Ranger District	Nye	Nevada	23,998
11-07	Masket Peak	Austin Ranger District	Lander	Nevada	7,812
12-01	Faulkner	Austin Ranger District	Eureka, Lander	Nevada	48,585
12-06	Bald Mtn.	Austin Ranger District	Eureka	Nevada	24,196
<i>Summary for Austin Ranger District (7 records)</i>					251,421
Bridgeport Ranger District					
06-04	Pine Grove South	Bridgeport Ranger District	Lyon	Nevada	79,921
06-11	Sweetwater	Bridgeport Ranger District	Mono, Lyon	California/Nevada	20,514
06-17	Hoover - Rickey Pk	Bridgeport Ranger District	Mono	California	20,447
06-22	Hoover - Virginia Lks	Bridgeport Ranger District	Mono	California	4,554
07-05	Excelsior Mtns.	Bridgeport Ranger District	Mineral	Nevada	68,914
07-07	Huntoon	Bridgeport Ranger District	Mineral	Nevada	36,266
<i>Summary for Bridgeport Ranger District (6 records)</i>					230,616
Carson Ranger District					
04-23	Rose - Galena	Carson City Ranger District	Washoe	Nevada	2,067
05-01	Jobs Peak	Carson City Ranger District	Alpine, El Dorado	California/Nevada	20,820
<i>Summary for Carson Ranger District (2 records)</i>					22,887
Ely Ranger District (units within White County deferred pending Congressional action)					
16-01	Grant - Irwin	Ely Ranger District	Nye County	Nevada	6,037
16-01A	Grant - Irwin A	Ely Ranger District	Nye	Nevada	3,664
16-01B	Grant - Irwin B	Ely Ranger District	Nye	Nevada	3,641
16-16	Quinn	Ely Ranger District	Nye, Lincoln	Nevada	40,908
16-16A	Quinn A	Ely Ranger District	Nye County	Nevada	16,978
<i>Summary for Ely Ranger District (5 records)</i>					71,228
Jarbidge Ranger District					
02-11A	Jarbidge - Pete Basin NW	Jarbidge Ranger District	Elko	Nevada	456
<i>Summary for Jarbidge Ranger District (1 record)</i>					456
Las Vegas Ranger District					
20-08	Angel Peak North	Las Vegas Ranger District	Clark	Nevada	12,604
20-16	Charleston - Carpenter	Las Vegas Ranger District	Clark	Nevada	7,325
20-22	Lovell Summit South	Las Vegas Ranger District	Clark	Nevada	24,238
<i>Summary for Las Vegas Ranger District (3 records)</i>					44,167

unit#	name	Ranger District(s)	County(s)	State(s)	Acres
Mountain City Ranger District					
02-19	Copper Mtns.	Mountain City Ranger District	Elko	Nevada	24,166
<i>Summary for Mountain City Ranger District (1 record)</i>					24,166
Ruby Mountains Ranger District					
03-03	Humboldt - Angel Lk	Ruby Mountains Ranger District	Elko	Nevada	1,000
03-07	Humboldt - Checkers east	Ruby Mountains Ranger District	Elko	Nevada	241
03-18A	Ruby - Secret Pk. south	Ruby Mountains Ranger District	Elko	Nevada	1,430
03-19	Ruby - Cold Ck	Ruby Mountains Ranger District	Elko	Nevada	2,334
03-21A	Ruby-Talbout	Ruby Mountains Ranger District	Elko	Nevada	5,795
03-21B	Ruby-Thomas	Ruby Mountains Ranger District	Elko	Nevada	3,584
03-21C	Ruby-Seitz	Ruby Mountains Ranger District	Elko	Nevada	11,408
03-27	Pearl Peak	Ruby Mountains Ranger District	Elko	Nevada	29,922
03-28B	Ruby - Box Canyon	Ruby Mountains Ranger District	Elko	Nevada	135
<i>Summary for Ruby Mountains Ranger District (9 records)</i>					55,849
Santa Rosa Ranger District					
01-02	South Fork Quinn	Santa Rosa Ranger District	Humboldt	Nevada	15,019
01-13	Santa Rosa	Santa Rosa Ranger District	Humboldt	Nevada	14,159
01-13B	Santa Rosa - north	Santa Rosa Ranger District	Humboldt	Nevada	10,182
<i>Summary for Santa Rosa Ranger District (3 records)</i>					39,360
Tonopah Ranger District					
08-09	Mt. Ardivey	Tonopah and Austin Ranger Districts	Nye	Nevada	36,960
10-12	Arc Dome - Secret Bsn	Tonopah Ranger District	Nye	Nevada	61,040
11-12B	Alta T - North B	Tonopah Ranger District	Nye	Nevada	5,420
11-13	Alta T - West	Tonopah Ranger District	Nye	Nevada	12,914
11-16	Alta T - East B	Tonopah Ranger District	Nye	Nevada	15,873
11-17	Spanish Peak	Tonopah Ranger District	Nye	Nevada	9,972
13-01	Table Mtn. - East	Tonopah and Austin Ranger Districts	Nye	Nevada	83,623
13-07	Table Mtn. - W. Valley B	Tonopah Ranger District	Nye	Nevada	4,044
13-12	Four Mile	Tonopah Ranger District	Nye	Nevada	22,578
13-14	Rock Canyon	Tonopah Ranger District	Nye	Nevada	26,083
14-01	Georges Canyon	Tonopah Ranger District	Nye	Nevada	97,713
<i>Summary for Tonopah Ranger District (11 records)</i>					376,220
Grand Total					1,116,370

Areas by Political Setting

state	county	Forest_No	name	(Ranger District)	acres
California	Alpine	05-01	Jobs Peak	Carson Ranger District	20,067
<i>Summary for Alpine County (1 detail record)</i>					20,067
California	El Dorado	05-01	Jobs Peak	Carson Ranger District	1
<i>Summary for El Dorado County (1 detail record)</i>					1
California	Mono	06-11	Sweetwater	Bridgeport Ranger District	14,978
		06-17	Hoover - Rickey Pk	Bridgeport Ranger District	20,446
		06-22	Hoover - Virginia Lks	Bridgeport Ranger District	4,230
		07-05	Excelsior Mtns.	Bridgeport Ranger District	0
<i>Summary for Mono County (4 detail records - [separate records for each Ranger District])</i>					39,654
Summary for California (6 detail records)					59,722
Nevada	Clark	20-08	Angel Peak North	Las Vegas Ranger District	12,548
		20-16	Charleston - Carpenter	Las Vegas Ranger District	6,241
		20-22	Lovell Summit South	Las Vegas Ranger District	24,181
<i>Summary for Clark County (3 detail records - [separate records for each Ranger District])</i>					42,970
Nevada	Douglas	05-01	Jobs Peak	Carson Ranger District	753
<i>Summary for Douglas County (1 detail record)</i>					753
Nevada	Elko	02-11A	Jarbidge - Pete Basin NW	Jarbidge Ranger District	454
		02-19	Copper Mtns.	Mountain City Ranger District	24,091
		02-19	Copper Mtns.	Jarbidge Ranger District	9
		03-03	Humboldt - Angel Lk	Ruby Mountains Ranger District	1,000
		03-07	Humboldt - Checkers east	Ruby Mountains Ranger District	241
		03-18A	Ruby - Secret Pk. south	Ruby Mountains Ranger District	1,423
		03-19	Ruby - Cold Ck	Ruby Mountains Ranger District	2,333
		03-21A	Ruby-Talbout	Ruby Mountains Ranger District	5,788
		03-21B	Ruby-Thomas	Ruby Mountains Ranger District	3,584
		03-21C	Ruby-Seitz	Ruby Mountains Ranger District	11,396
		03-27	Pearl Peak	Ruby Mountains Ranger District	29,917
<i>Summary for Elko County (11 detail records - [separate records for each Ranger District])</i>					80,237
Nevada	Eureka	12-01	Faulkner	Austin Ranger District	47,540
		12-06	Bald Mtn.	Austin Ranger District	24,204
<i>Summary for Eureka County (2 detail records - [separate records for each Ranger District])</i>					71,744

state	county	Forest_No	name	(Ranger District)	acres
Nevada	Humboldt	01-02	South Fork Quinn	Santa Rosa Ranger District	15,011
		01-13	Santa Rosa	Santa Rosa Ranger District	14,101
		01-13B	Santa Rosa - north	Santa Rosa Ranger District	10,175
<i>Summary for Humboldt County (3 detail records - [separate records for each Ranger District])</i>					39,287
Nevada	Lander	09-03	Bunker Hill	Austin Ranger District	22,890
		09-04	Toiyabe Range	Austin Ranger District	37,246
		12-01	Faulkner	Austin Ranger District	899
<i>Summary for Lander County (3 detail records - [separate records for each Ranger District])</i>					61,035
Nevada	Lincoln	16-16	Quinn	Ely Ranger District	16,153
<i>Summary for Lincoln County (1 detail record)</i>					16,153
Nevada	Lyon	06-04	Pine Grove South	Bridgeport Ranger District	79,850
		06-11	Sweetwater	Bridgeport Ranger District	5,537
<i>Summary for Lyon County (2 detail records - [separate records for each Ranger District])</i>					85,387
Nevada	Mineral	07-05	Excelsior Mtns.	Bridgeport Ranger District	68,870
<i>Summary for Mineral County (1 detail record)</i>					68,870
Nevada	Nye	08-03	South Shoshone Peak	Austin Ranger District	23,425
		08-09	Mt. Ardivay	Tonopah Ranger District	27,481
		08-09	Mt. Ardivay	Austin Ranger District	9,493
		09-04	Toiyabe Range	Tonopah Ranger District	4,582
		09-04	Toiyabe Range	Austin Ranger District	58,548
		10-12	Arc Dome - Secret Bsn	Tonopah Ranger District	61,038
		11-05	White Rock Mtn	Austin Ranger District	23,990
		11-07	Masket Peak	Austin Ranger District	7,804
		11-12B	Alta T - North B	Tonopah Ranger District	5,421
		11-13	Alta T - West	Tonopah Ranger District	12,844
		11-16	Alta T - East B	Tonopah Ranger District	15,850
		11-17	Spanish Peak	Tonopah Ranger District	9,971
		13-01	Table Mtn. - East	Tonopah Ranger District	57,942
		13-01	Table Mtn. - East	Austin Ranger District	25,416
		13-07	Table Mtn. - W. Valley B	Tonopah Ranger District	4,040
		13-12	Four Mile	Tonopah Ranger District	22,549
		13-14	Rock Canyon	Tonopah Ranger District	26,085
		14-01	Georges Canyon	Tonopah Ranger District	97,519
		16-01	Grant - Irwin	Ely Ranger District	5,421
		16-01A	Grant - Irwin A	Ely Ranger District	3,756
16-01B	Grant - Irwin B	Ely Ranger District	4,150		
16-16	Quinn	Ely Ranger District	24,751		

state	county	Forest_No	name	(Ranger District)	acres
Nevada	Nye	16-16A	Quinn A	Ely Ranger District	16,987
<i>Summary for Nye County (23 detail records - [separate records for each Ranger District])</i>					549,066
Nevada	Washoe	04-23	Rose - Galena	Carson Ranger District	2,033
<i>Summary for Washoe County (1 detail record)</i>					2,033
<i>Summary for Nevada (51 detail records)</i>					1,017,534

Grand Total (excludes private inholdings)

1,077,256