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FIRE HISTORY DATABASE OF THE WESTERN UNITED STATES

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FIRE HISTORY DATABASE OF THE WESTERN UNITED STATES: FINAL REPORT

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INTRODUCTION

Human activities are changing the chemical composition of the atmosphere at an unprecedented rate, which may lead to significant changes in climate (Bolin and others 1986; Houghton and others 1990, 1992). These climatic changes could directly alter fire frequency, extent and severity by changing the amount, distribution and seasonality of precipitation and other factors that influence fire (Clark 1990; Flannigan and Van Wagner 1991). Climate may also change the rate of forest production, mortality and decomposition which will change the amount and distribution of fuel, hence indirectly alter fire regimes (Clark 1990). In addition, changes in climate could alter the global distribution of forest life-zones (Emanuel and others 1985; Leverenz and Lev 1987; Smith and others 1992). The rate at which forest communities adjust to climate change will be controlled in part by disturbance processes, primarily fire and land use practices (Overpeck and others 1990). Fire is the dominant natural disturbance in many parts of the western United States (Pyne 1982; Agee 1993) where steep topographic and climatic gradients result in a great variety of fire regimes. A continental-scale fire frequency model is being developed by the U.S. Environmental Protection Agency (EPA) as an essential component of a broad-scale vegetation model used to predict the response of vegetation of global climate change. The database reported here contains existing tree-ring reconstructions of past forest fire regimes in the western continental United States (exclusive of Alaska) that can be used to calibrate and verify the EPA model.

Fire frequency in forested areas can be reconstructed by dating the annual ring in which a fire scar forms and/or estimating the year of origin of a tree that regenerates after fire (e.g. Barrett and Arno 1988, Sheppard and others 1988). The annual rings are either dated dendrochronologically using prepared samples (by crossdating patterns of wide and narrow rings (Stokes and Smiley 1968)) or by ring-counting, in the field or laboratory, using minimally prepared samples. Fire size is estimated from the number and spatial distribution of trees or sites recording fire in a given year (e.g. Agee and others 1990; Swetnam and Dieterich 1985; Baisan and Swetnam 1990). Numerous fire histories, reconstructed from tree-rings for small portions of the western United States, are available from both published and unpublished sources. These reconstructions cover a wide variety of vegetation types and topographic settings.

OBJECTIVES

The objective of this project was to create a database of existing published and unpublished tree-ring reconstructions of fire regimes in forested areas, before circa 1900, west of 100°W in the continental United States, exclusive of Alaska. The database includes only information that is provided in the studies or site information that can be gathered with minimal effort from other sources. Site locations and fire regimes are mapped (appendices E through G) but not interpolated.

The studies included in the database are restricted to tree-ring reconstructions of fire history and the information extracted includes citations to the data sources, site information, estimated fire regimes, and information on individual fire events (when readily available). Appendix A is a

detailed description of the fields in each of the four database files and appendices B through D contain the contents of the database files.

Fire regimes vary greatly across short distances in the western United States, so that a reconstruction of fire history over a small area may not represent the history of a larger area. Therefore, we extracted information on the size of the study area and the amount of fire evidence (number of trees scarred and/or number of tree origin dates) used in computing the fire regimes to allow the user to gauge the applicability of each reconstruction to larger areas.

DATA SOURCES

One hundred and sixteen tree-ring reconstructions of fire history (Appendix B) covering 623 sites were identified by searching the extensive literature and data collections of the personnel involved in this work and by keyword searching of the International Bibliography of Wildland Fire (International Association of Wildland Fire 1993) and the bibliography of the International Tree-Ring Data Bank (ITRDB 1992). 87 of the 116 studies are published, 19 are unpublished theses or dissertations and 10 are unpublished reports. The reconstruction of fire history was the primary purpose of 84 of the 116 studies. The remaining studies reconstructed fire history as part of multipurpose studies, e.g. studies of forest development or the interaction of fire with insects and/or fungi.

THE FIRE HISTORY DATABASE

1) Amount of fire history information.

a) *Evidence of fire.* At 41% of the sites, fire history was reconstructed using both fire scars and origin dates; at 9% of the sites only origin dates were used; and at the remaining 50% of the sites only fire scars were used. The number of trees used to estimate the reported fire regimes ranged from 1 to 3500 with an average of 29. The number of fires used to estimate these same fire regimes ranged from 0 to 68 with an average of 9.

b) *Dating method.* Most studies dated fires by counting rings on minimally-prepared samples, some of these studies adjusted fire dates by matching patterns of fire years between samples. Ring widths were crossdated at only 19% of the sites.

c) *Period of record.* The longest fire histories in the database date to before the year 400, however, the majority of the reconstructions date only to the 1600's (87% of sites). Very few studies reported fire regimes during more than one time period (e.g. by century; <5% of sites).

d) *Size of study area.* The size of the study area was given or determined from maps for 60% of the sites. The size of these sites ranged from 0 (for point frequencies) to 492,500 ha with an average of 5751 ha.

e) *Information on individual fires*. Most studies gave some information about individual fires (72%), however, very few studies gave the size of individual fires (8% of individual fires). 40% of the studies included the number of trees used to reconstruct the individual fires (average of 3 trees per fire with a range from 1 to 80).

2) Site characteristics.

a) *Geographic distribution*. The database includes fire history reconstructions from 12 western states plus several studies from Minnesota and one from Kansas (figure 1).

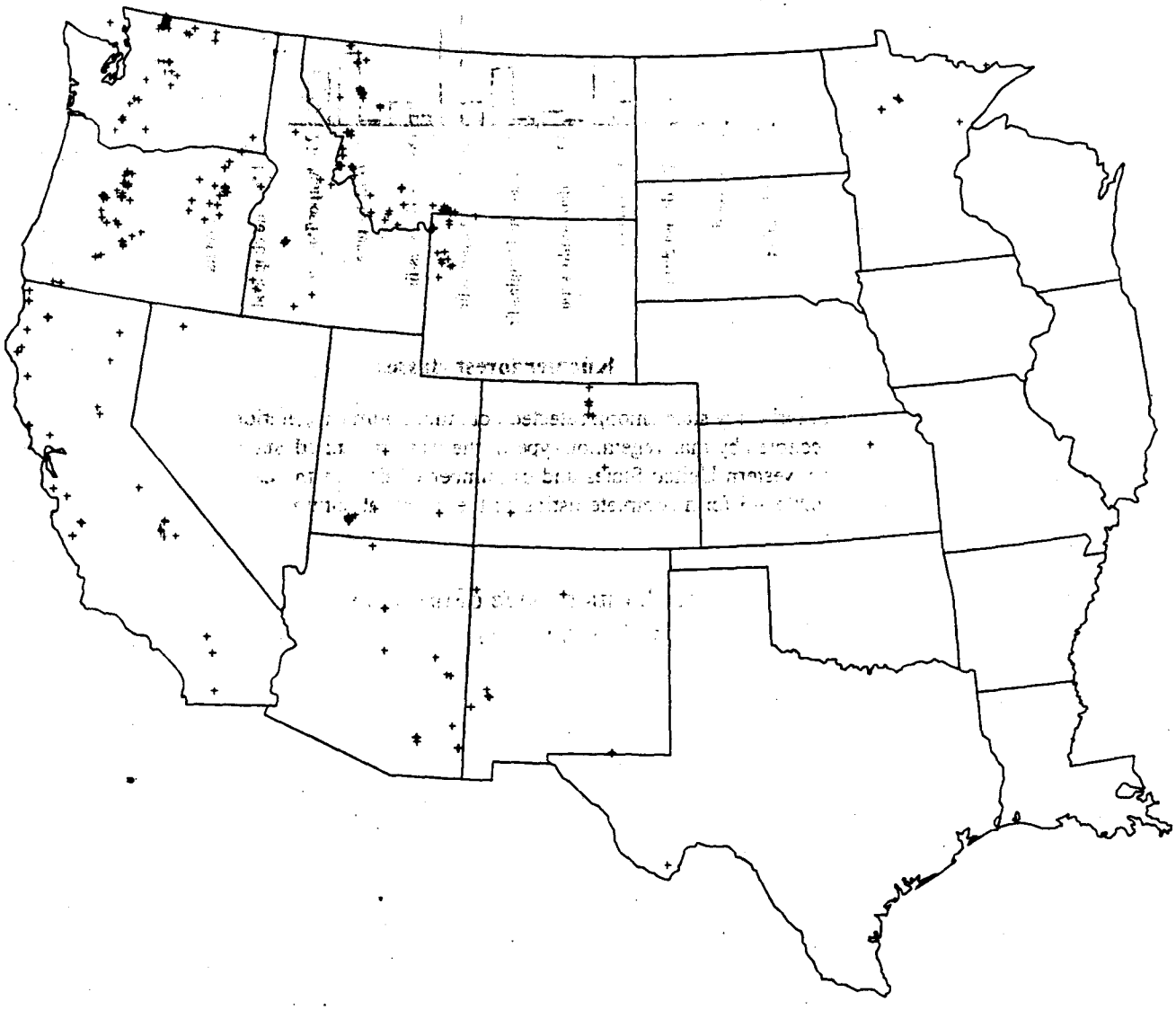

Figure 1. Location of sites included in the Fire History Database. (See Appendix E for site location maps labeled with reference/site number, by state).

b) *Distribution by Küchler (1964) class.* The study sites in the database were classified according to Küchler's (1964) potential natural vegetation type (figure 2, table A3). Because many of the studies provided neither the site size nor the area over which the reconstructions could reasonably be extrapolated, the percentage of sites is used here as a crude indication of land area sampled. Over 50% of the sites were sampled in just three Küchler classes: redwood, Douglas-fir and western spruce-fir. Because it is based on tree-ring reconstructions, this database considers only forested areas, however 60% of the combined land area of the states represented in this database is non-forested.

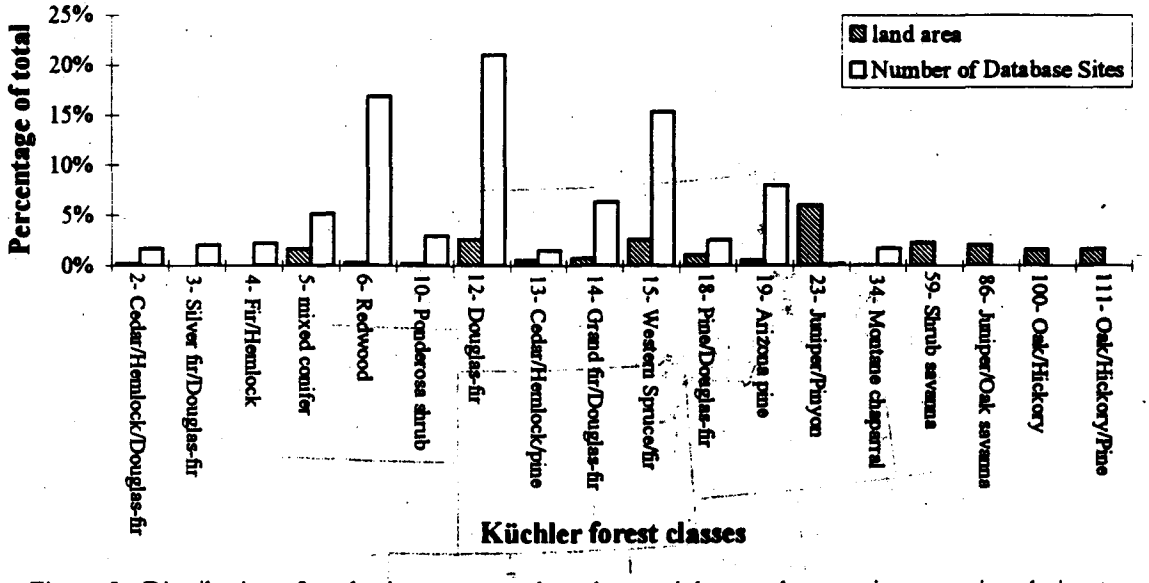

Figure 2. Distribution of study sites among selected potential natural vegetation types in relation to the total land area occupied by that vegetation type in the western United States. Percentage of a) total land area in the western United States and b) number of sites in the database (623 total), by Küchler class. See table A3 for a complete listing of the potential natural vegetation types used in the database.

c) *Distribution by elevation.* The elevation range of the study sites included in the database is 15 to 3658 m with an average of 1528 m (figure 3).

d) *Distribution by slope* (figure 4). At the sites for which slope was given, twice as many sites were sampled at slopes of 11-40% as were sampled in any other slope class.

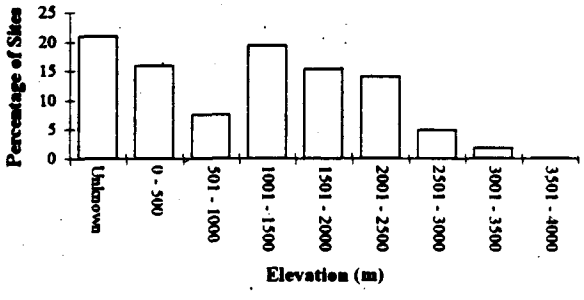

Figure 3. Percentage of sites in the database (623 sites total) by elevational classes.

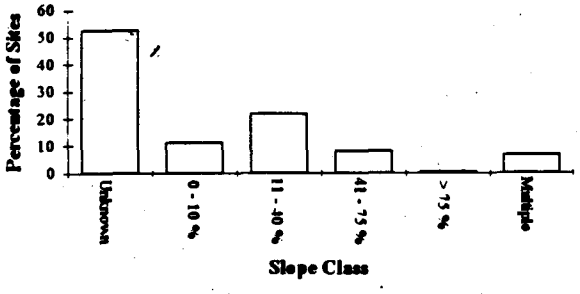

Figure 4. Percentage of sites in the database by slope class (623 sites total).

e) *Distribution by aspect.* The aspects reported in most studies were assumed to be microsite features of the study areas so a comparison of this information with total land area in various aspect classes is probably not meaningful. At the microsite scale reported in the database, 31% of the sites were sampled on south aspects (SE to SW) and 21% were sampled on north aspects (NE to NW).

3) Fire history.

a) *Fire frequency.* Fire frequency can be computed at a single point, based on information from one or several trees, or it may be computed over an area, based on information from many trees (table A5; also Agee 1993). The frequency obtained is obviously highly dependent on the size of the area included in the computation and therefore fire frequency must be stratified by method of computation for inter-site comparisons to be meaningful. In the database, fire frequency was input to the database as it was reported in each study. Most fire frequencies were computed as a composite fire interval (55% of sites). Fire frequency was computed as a mean fire return interval at 5% of the sites, as a natural fire rotation at 10% of the sites and as a point frequency at 24% of the sites. Frequency was computed using Weibull or van Wagner distributions at less than 1% of the sites. Stratifying the sites in the database by method of frequency computation would leave too few sites in each method-category, therefore, inter-site comparisons of fire history are made here on the basis of fire regime and fire severity classes.

b) *Fire regime and severity classes.* Almost half of the sites have moderate severity fire regimes (last row table 1). 77% of the sites are in Heinselman's regimes 2 and 3 (last column table 1; see table A4 for a description of the Heinselman classes). The Heinselman classification incorporates both frequency and severity - in general, severity increases with increasing Heinselman class number. It is therefore not surprising that severity and Heinselman class are correlated in the database (table 1).

Table 1. Number of sites by fire regime and severity class (605 sites total).

Heinselman classes*	Severity			Percent
	LOW	MODERATE	HIGH	
0				
1	39	48		14%
2	158	67		37%
3	2	173	66	40%
4		3	28	5%
5		6	11	3%
6			4	1%
percent	33%	49%	18%	

* See table A4 for a description of the Heinselman classes.

DISCUSSION

Although the symbols on the maps in appendices F and G give a false impression of uniformity - in fact there is tremendous variation in the amount and kind of information represented by each symbol. Under the limited scope of this project, we did not re-analyze the fire history reconstructions to make the symbols represent uniform data; therefore, detailed inter-site comparisons of this database are not always meaningful. Before drawing conclusions about regional patterns, the user should carefully review the information in the database, especially the number of trees and fires which were used to reconstruct each fire regime.

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APPENDIX A: DESCRIPTIONS OF DATABASE FILES

This appendix contains detailed descriptions of the Fire History Database computer files. This relational database is contained in four Paradox files (release 3.0; Borland International Inc.). Table A1 provides the structure of these four files - descriptions of each field are given in the sections which follow. The site, reference and fire files are related by the "Reference/site number" field. Except for the reference file (FHREF.DB), the database is provided in capital letters to facilitate searching. A "-1" indicates no data in both the numeric and alphanumeric fields.

FHREF.DB - citation to sources

Whenever possible, data was extracted from a full report, dissertation or thesis because they usually contain more information than the versions published in journals.

1) Reference number - a unique number is assigned to each of the references. If there are two versions of a reference (e.g. a thesis and a journal article), both versions are cited in the database with the same reference number.
2) Authors - the authors names as given in the reference
3) Title
4) Citation
5) Year of publication
6) Objectives - of the study, in the authors words, if possible

FHSITE.DB -site information

1) Reference/site number - a combination of the reference and site numbers; e.g. the second site from the fortieth reference has a reference/site number of 4002.

2) State - the two letter postal code

3) Albers-E - Site location based on the Albers equal-area conic projection. This information is provided for those users who cannot easily map latitude and longitude since site locations in the Albers projection can be mapped on simple scatter plots.

4) Albers-N

5) Longitude - of the site location in degrees and fractions of a degree.

6) Latitude - of the site location in degrees and fractions of a degree.

7) Aspect - nominal designation (e.g. N, NNW) includes F for flat sites and M for sites with multiple slope classes; maximum of three characters in this field.

Table A1. Structure of the Fire History Database Paradox files, giving the exact field names. N indicates a numeric field, A indicates an alphanumeric field followed by the number of characters.

Citation to sources, in file FHREF.DB

1	Reference number	N
2	Authors	A100
3	Title	A170
4	Citation	A200
5	Year of publication	N
6	Objectives	A200

Site information, in file FHSITE.DB

1	Reference/site number	N
2	State	A2
3	Albers-E	N
4	Albers-N	N
5	Latitude	N
6	Longitude	N
7	Aspect	A3
8	Slope class	N
9	Elevation - low	N
10	Elevation - high	N
11	Year - start	N
12	Year - end	N
13	Total area reconstructed	N
14	Plant association	A19
15	Community dominant	A14
16	Kuchler classification	N
17	Site name	A32

Individual fire information, in file FHFIRE.DB

1	Reference/site number	N
2	Year of fire	N
3	Start year	N
4	End year	N
5	Size (ha)	N
6	Number of trees	N

Fire regime information, in file FHREGIME.DB

1	Reference/site number	N
2	Regime years - start	N
3	Regime years - end	N
4	Regime - severity	A8
5	Regime - characteristics	N
6	Fire frequency	N
7	Frequency computation	A12
8	Fire evidence	A12
9	Crossdated?	A3
10	Number of trees	N
11	Number of fires	N

FHSITE.DB -site information (cont.)

8) Slope class:

1	flat
2	10-39%
3	40-75%
4	>75%
5	sites with multiple slope classes

9) Elevation - low - the lower end of the range of elevation covered by the site, in meters.

10) Elevation - high - the upper end of the range of elevation covered by the site, in meters.

11) Years - start - the starting year of the range of years for which fire history was reconstructed at the site. This is not always the same as the start year in the regime file because the regime may be reported for different time periods at the same site.

12) Years - end - the ending year of the range of years for which fire history was reconstructed at the site. This is not always the same as the start year in the regime file because the regime may be reported for different time periods at the same site. Also, whenever possible, regimes are reported before 1900. For example, if fire history at a site was reconstructed for the period 1400 to 1985, the range of years in the site file will be 1400-1985 but the range of years in the regime file will be 1400-1900.

13) Total area reconstructed - total area of the site in hectares

14) Plant association - given as the four letter code for species (first two letters of genus plus first two letters of species). See table A2 for a complete list of codes used in the database.

15) Community dominant - given as the four letter code for species (first two letters of genus plus first two letters of species). See table A2 for a complete list of codes used in the database.

16) Kuchler classification - Vegetation was classified into Küchler's (1964) potential natural vegetation types. Table A3 contains a complete list of the numeric codes used in the database.

17) Site name - either the name of the site as indicated by the author of the report; "entire area" if there is only one site or some other logical identifier

Table A2. Abbreviations used in plant association and community dominant fields.

	Abbr.	Common name	Scientific name
	ABAM	Pacific silver fir	*Abies amabilis*
	ABCO	white fir	*Abies concolor*
	ABGR	grand fir	*Abies grandis*
	ABLA	subalpine fir	*Abies lasiocarpa*
	ABMA	Shasta red fir	*Abies magnifica var shastensis*
	ACCI	vine maple	*Acer circinatum*
	ACGR	big-toothed maple	*Acer grandidentatum*
	ACMA	bigleaf maple	*Acer macrophyllum*
	ACSA	sugar maple	*Acer saccharum*
	ADFA	chamise	*Adenostoma fasciculatum*
	AGIN	beardless bluebunch wheatgrass	*Agropyron inerme*
	AGSP	bluebunch wheatgrass	*Agropyron spicatum*
	ARGL	eastwood manzanita	*Arctostaphylos glandulosa*
	ARTR	big sagebrush	*Artemesia tridentata*
	BEAQ	tall Oregongrape	*Berberis aquifolium*
	BENE	Oregongrape	*Berberis nervosa*
	CADE	incense cedar	*Calocedrus decurrens*
	CAGE	elk sedge	*Carex geyeri*
	CARU	pinegrass	*Calamagrostis rubescens*
	CEIN	coast whitethorn	*Ceanothus incanus*
	CEVE	snowbrush ceanothus	*Ceanothus velutinus*
	CHUM	western prince's pine	*Chimaphila umbellata*
	CLUN	queencup beadlily	*Clintonia uniflora*
	COOC	western goldthread	*Coptis occidentalis*
	CUAR	Arizona cypress	*Cupressus arizonica*
	FAGR	beech	*Fagus grandifolia*
	FEID	Idaho fescue	*Festuca idahoensis*
*	GRAS	unidentified grass species	
	HODI	creambush oceanspray	*Holodiscus discolor*
	JUOC	western juniper	*Juniperus occidentalis*
	LAOC	western larch	*Larix occidentalis*
	LIBO	twinflower	*Linnaea borealis*
	LUHI	smooth wood-rush	*Luzula hitchcockii*
	MUEM	bullgrass	*Muhlenbergia emersleyi*
*	MULT	more than one species	
*	PASP	unidentified boxwood species	
	PAMY	Oregon boxwood	*Pachistima myrsinites*
	PHMA	mallow ninebark	*Physocarpus malvaceus*
	PIAL	whitebark pine	*Pinus albicaulis*
	PIBA	jack pine	*Pinus banksiana*
*	PIBL	foxtail pine	*Pinus balfouriana*
	PICE	Mexican pinyon	*Pinus cembroides*
	PICO	lodgepole pine	*Pinus contorta*
*	PICU	coulter pine	*Pinus coulteri*

(cont.)

Table A2. Abbreviations used in plant association and community dominant fields (cont.)

	Abbr.	Common name	Scientific name
	PIEN	Engelmann spruce	*Picea engelmannii*
	PIFL	limber pine	*Pinus flexilis*
	PIJE	Jeffrey pine	*Pinus jeffreyi*
	PILA	sugar pine	*Pinus lambertiana*
	PIMO	western white pine	*Pinus monticola*
	PIMU	bishop pine	*Pinus muricata*
	PIPO	ponderosa pine	*Pinus ponderosa*
	PIPU	blue spruce	*Picea pungens*
	PIRE	eastern red pine	*Pinus resinosa*
	POIN	Chisos bluegrass	*Poa involuta*
	POTR	quaking aspen	*Populus tremuloides*
	PSME	Douglas-fir	*Pseudotsuga menziesii*
	PUTR	bitterbrush	*Purshia tridentata*
	QUCH	canyon live oak	*Quercus chrysolepis*
	QUDO	blue oak	*Quercus douglasii*
	QUGA	Oregon white oak	*Quercus garryana*
*	QUGM	Gambel oak	*Quercus gambelii*
	QUMA	bur oak	*Quercus macrocarpa*
	SECA	groundsel	*Senecio cardamine*
	SEGI	giant sequoia	*Sequoiadendron giganteum*
	SESE	coast redwood	*Sequoia sempervirens*
	SPBE	birchleaf spirea	*Spirea betulifolia*
	THPL	western redcedar	*Thuja plicata*
	TIAM	basswood	*Tilia americana*
	TSCA	eastern hemlock	*Tsuga canadensis*
	TSHE	western hemlock	*Tsuga heterophylla*
	TSME	mountain hemlock	*Tsuga mertensiana*
	VAGL	mountain huckleberry	*Vaccinium globulare*
	VAME	big huckleberry	*Vaccinium membranaceum*
	VASC	grouse huckleberry	*Vaccinium scoparium*
	WHMO	whipple vine	*Whipplea modesta*
	XETE	common beargrass	*Xerophyllum tenax*

* abbreviation in this database differs from common practice of using first two letters of genera plus first two letters of species

FHSITE.DB -site information (cont.)

Table A3. Potential natural vegetation types used in the Fire History Database (from Küchler, 1964).

Number	Potential Natural Vegetation	Number	Potential Natural Vegetation
1	Spruce-Cedar-Hemlock Forest	25	Alder-Ash Forest
2	Cedar-Hemlock-Douglas Fir Forest	26	Oregon Oakwoods
3	Silver Fir-Douglas Fir Forest	28	Mosaic of #2 and #26
4	Fir-Hemlock Forest	29	California Mixed Evergreen Forest
5	Mixed Conifer Forest	30	California Oakwoods
6	Redwood Forest	31	Oak-Juniper Woodland
7	Red Fir Forest	33	Chaparral
8	Lodgepole Pine-Subalpine Forest	34	Montane chaparral
10	Ponderosa Shrub Forest	38	Great Basin Sagebrush
11	Western Ponderosa Forest	40	Saltbush-Greasewood
12	Douglas Fir Forest	50	Fescue-Wheatgrass
13	Cedar-Hemlock-Pine Forest	51	Wheatgrass-Bluegrass
14	Grand Fir-Douglas Fir Forest	52	Alpine Meadows and Barren
15	Western Spruce-Fir Forest	55	Sagebrush Steppe
16	Eastern Ponderosa Forest	59	Trans-Pecos Shrub Savanna
18	Pine/Douglas Fir Forest	81	Oak Savanna
19	Arizona Pine Forest	86	Juniper-Oak Savanna
20	Spruce-Fir-Douglas Fir Forest	95	Great Lakes Pine Forest
23	Juniper-Pinyon Woodland	99	Maple-Basswood Forest
24	Juniper Steppe Woodland		

FHFIRE.DB - individual fire information

1) Reference/site number - a combination of the reference and site numbers; e.g. the second site from the fortieth reference has a reference/site number of 4002.

2) Year of fire - if the fire date is given as a range of dates, this is the mid-point of that range.

3) Start year - of a range of dates, if given. This year could be from a range given by the author or one computed from an uncertainty given by the author (e.g. 1745 ± 3 years becomes 1742 to 1748 in the database).

4) End year - of a range of dates, if given. This year could be from a range given by the author or one computed from an uncertainty given by the author (e.g. 1745 ± 3 years becomes 1742 to 1748 in the database).

5) Size (ha) - of the fire in hectares

6) Number of trees - used to reconstruct the individual fire.

FHREGIME.DB -fire regimes information

1) Reference/site number - a combination of the reference and site numbers; e.g. the second site from the fortieth reference has a reference/site number of 4002.

2) Regime years - start - the starting year for the period during which the fire regime is calculated. See the note for "Years - start" for FHSITE.DB file.

3) Regime years - end - the ending year for the period during which the fire regime is calculated. See the note for "Years - start" for FHSITE.DB file.

4) Regime - severity - classification of the fire regime based on its effects on vegetation, i.e. fire severity (HIGH, MOD, or LOW).

5) Regime - characteristics - classification of the fire regime based on characteristics of its frequency and severity, after Heinselman (1973; table A4).

Table A4. Classification of fire regime based on frequency and severity characteristics (Heinselman 1973).

Fire regime number	Description of the regime
0	No natural fire (or very little)
1	Infrequent light surface fires (more than 25 year intervals)
2	Frequent light surface fires (1-25 year return intervals)
3	Infrequent, severe surface fires (more than 25 year return intervals)
4	Short return interval crown fires (25-100 year return intervals)
5	Long return interval crown fires + severe surface fires (100-300 yr return intervals)
6	Very long return interval crown fires+severe surface fires (> 300 yr return intervals)

6) Fire frequency - Fire frequency either as computed in the study or as can be easily computed from the data given. If fire frequency was provided as a composite fire interval over an area larger than approximately 40 ha, the fire frequency is not included in the database (Arno and Petersen 1983).

7) Frequency computation - the method used to compute the fire regime. Fire frequency can be computed at a single point, based on information from one or several trees, or it may be computed over an area, based on information from many trees (table A5; also Agee 1993). The frequency obtained is obviously highly dependent on the size of the area included in the computation and therefore fire frequency must be stratified by method of computation for inter-site comparisons to be meaningful. In the database, fire frequency is reported as it was computed by the author of each study.

FHREGIME.DB -fire regimes information (cont.)

Table A5. Methods used to compute fire frequency.

Method of estimation	Abbreviation	Description
natural fire rotation	NFR	Time in years required to burn an area equal to the area of interest (Heinselman 1973).
point interval	P	Average fire return interval in years from one or several adjacent trees and also for averages of MFRIs.
composite fire interval	CFI( )	Average fire return interval in years based on all trees from within the area indicated within the parentheses.
mean fire return interval	MFRI	Average of point intervals.
van Wagner	VW	Fire frequency calculated from statistical distribution of stand ages assuming uniform flammability by stand age.
Weibull	W	Fire frequency calculated from statistical distribution of stand ages where flammability can vary with stand age.

8) Fire evidence - used to reconstruct fire - SCAR = fire scars only; ORIGIN = date of establishment of early seral trees only; BOTH = both fire scars and establishment dates

9) Crossdated? - YES or NO. YES applies if ring-widths were crossdated but not if fire dates were "crossdated".

10) Number of trees - used to determine the fire regime.

11) Number of fires - used to determine the fire regime.

APPENDIX B: CONTENTS OF THE REFERENCE FILE (FHREF.DB)

Number in first column is the reference number.

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APPENDIX C: LISTING OF THE SITE FILE (FHSITE.DB)

(-1 indicates no data)

Ref/ Site #	State	Albers-E	Albers-N	Lat.	Long.	Aspect	Slope	--Elev (m) - Low	High	—Year— Start	End	Area (ha)	Plant association	Community dominant	Küchler class	Site name
101	WA	-1342717	2985331	123.03	48.59	F	1	15	15	1730	1980	5	PSME	PSME	2	ENTIRE AREA
201	OR	-1352558	2440026	121.97	43.73	M	1	1500	2200	1520	1984	18000	TSME	PICO	4	ENTIRE AREA
301	OR	-1059416	2540047	118.50	45.00	-1	-1	-1	-1	1763	1967	-1	ABGR	PIPO	14	SINGLE STUMP
401	OR	-1498617	2279949	123.41	42.10	M	3	1300	1800	1480	1988	197	ABCO	PSME	5	OREGON CAVES
402	OR	-1498617	2279949	123.41	42.10	M	3	1300	1800	1480	1988	197	ABCO	PSME	5	OREGON CAVES
403	OR	-1498617	2279949	123.41	42.10	M	3	1300	1800	1480	1988	197	ABCO	ABCO	5	OREGON CAVES
404	OR	-1498617	2279949	123.41	42.10	M	3	1300	1800	1480	1988	197	ABCO	ABCO	5	OREGON CAVES
405	OR	-1498617	2279949	123.41	42.10	M	3	1300	1800	1480	1988	197	MULT	MULT	5	OREGON CAVES
406	OR	-1476955	2275394	123.14	42.09	N	3	1200	1200	1746	1985	2	PSME/BENE	PSME	5	KINNEY CREEK
501	WA	-1188102	2998022	121.02	48.94	N	3	880	1670	1573	1985	640	MULT	MULT	15	N ASPECT
502	WA	-1187477	2995034	121.00	48.91	E	3	600	1280	1650	1985	800	MULT	MULT	15	E ASPECT
503	WA	-1185110	2992083	120.96	48.89	S	3	490	1220	1650	1985	840	MULT	MULT	15	S ASPECT
504	WA	-1189368	2993026	121.02	48.89	SW	3	490	1220	1650	1985	530	MULT	MULT	15	SW ASPECT
505	WA	-1189513	2996095	121.03	48.92	W	3	490	1520	1650	1985	780	MULT	MULT	15	W ASPECT
506	WA	-1188753	2994924	121.02	48.91	M	3	490	1670	1650	1985	3500	MULT	MULT	15	ENTIRE AREA
507	WA	-1188753	2994924	121.02	48.91	M	3	490	1670	1650	1985	3500	PSME/PIPO	PSME	12	ENTIRE AREA
508	WA	-1188753	2994924	121.02	48.91	M	3	490	1670	1650	1985	3500	PSME/PICO	PSME	12	ENTIRE AREA
509	WA	-1188753	2994924	121.02	48.91	M	3	490	1670	1650	1985	3500	PSME/THPL	PSME	12	ENTIRE AREA
510	WA	-1188753	2994924	121.02	48.91	M	3	490	1670	1650	1985	3500	PSME/TSHE	PSME	12	ENTIRE AREA
511	WA	-1188753	2994924	121.02	48.91	M	3	490	1670	1650	1985	3500	PSME/ABAM	PSME	12	ENTIRE AREA
512	WA	-1188753	2994924	121.02	48.91	M	3	490	1670	1650	1985	3500	ABAM/ABLA	ABAM	15	ENTIRE AREA
513	WA	-1188753	2994924	121.02	48.91	M	3	490	1670	1650	1985	3500	PICO/ABLA	ABLA	15	ENTIRE AREA
601	OR	-1383896	2346159	122.16	42.85	M	1	1770	1890	1748	1902	330	ABCO	PIPO	5	PANHANDLE
602	OR	-1384314	2347775	122.17	42.87	M	1	1770	1890	1748	1902	230	ABCO	PIPO	5	NW PART
603	OR	-1383591	2347972	122.16	42.87	M	1	1770	1890	1748	1902	190	ABCO	PIPO	5	NE PART
701	OR	-1369832	2473956	122.25	44.00	SW	3	525	1250	1650	1980	-1	PSME/HODI/GRAS	PSME	2	AVG. OF 23 PLOTS
702	OR	-1369832	2473956	122.25	44.00	SW	3	488	975	1530	1980	-1	PSME/HODI-ACCI	PSME	2	AVG. OF 11 PLOTS
703	OR	-1369832	2473956	122.25	44.00	SW	2	495	977	1657	1980	-1	PSME/BEAQ	PSME	2	AVG. OF 9 PLOTS
704	OR	-1369832	2473956	122.25	44.00	SW	3	777	1113	1566	1980	-1	CADE/WHMO	PSME	2	AVG. OF 7 PLOTS
705	OR	-1369832	2473956	122.25	44.00	S	3	740	884	1581	1980	-1	CADE/CHUM	PSME	2	AVG. OF 5 PLOTS
706	OR	-1369832	2473956	122.25	44.00	M	3	-1	-1	1530	1980	-1	TSHE	-1	2	TSHE PLOTS
801	WA	-1248700	2694733	121.18	46.13	M	2	730	730	1785	1959	-1	PIPO	PIPO	11	ENTIRE AREA
901	WA	-1291890	2764051	121.88	46.69	M	5	760	1525	1300	1969	20500	ABAM	MULT	3	ENTIRE AREA
1001	OR	-1293966	2546246	121.46	44.75	M	2	860	980	1601	1960	440700	PSME	PIPO	10	TENINO BENCH
1002	OR	-1295850	2540217	121.47	44.69	M	4	610	1070	1509	1959	466600	PIPO	PIPO	10	SEEKSEEQUA
1003	OR	-1311673	2520879	121.63	44.50	M	3	980	1220	1540	1941	492500	PSME	PIPO	10	BOULDER CREEK
1004	OR	-1308225	2547269	121.64	44.74	M	3	1280	1400	1614	1934	155500	ABGR	PIPO	10	LIONSHEAD
1101	OR	-1312522	2389856	121.37	43.34	-1	1	1830	1830	1840	1975	-1	PICO	PICO	4	LOOKOUT POINT
1102	OR	-1308089	2379887	121.30	43.26	-1	1	1830	1830	1821	1976	-1	PICO	PICO	4	TIMOTHY SPRINGS
1103	OR	-1308870	2375296	121.30	43.22	-1	1	1800	1800	1821	1976	-1	PICO	PICO	4	JUNGLE SPRINGS
1201	OR	-1354644	2508195	122.13	44.33	M	2	915	1630	1160	1985	1940	ABAM	PSME	3	DEER CREEK
1202	OR	-1362657	2504485	122.23	44.28	M	3	525	1295	1140	1985	1940	TSHE	PSME	2	COOK-QUENTIN
1301	OR	-1366367	2454484	122.17	43.83	M	3	370	1600	1435	1982	11000	TSHE	PSME	2	ENTIRE AREA
1302	OR	-1366367	2454484	122.17	43.83	M	3	370	1600	1435	1982	11000	ABAM	PSME	3	ENTIRE AREA
1401	OR	-1323851	2435251	121.60	43.73	SE	2	1080	1130	1400	1900	97	PIPO/PUTR	PIPO	10	PRINGLE BUTTE
1402	OR	-1329843	2444813	121.70	43.80	-1	2	1190	1270	1600	1900	97	ABCO/CEVE	PIPO	14	LOOKOUT MTN.
1403	OR	-1284858	2402404	121.06	43.49	F	1	1190	1190	1600	1900	97	PIPO/PUTR	PIPO	10	CABIN LAKE
1501	WA	-1355397	2863053	122.92	47.48	F	1	100	100	1750	1900	7	PSME	QUGA	28	ENTIRE AREA
1601	OR	-1291028	2501537	121.33	44.36	SW	1	1140	1220	1527	1982	184	ABAM	PSME	3	HYATT SOAPGRASS
1602	OR	-1364058	2513549	122.26	44.36	N	2	1190	1190	1803	1982	48	ABAM	PSME	3	GORDON LAKES

Ref/ Site #	State	Albers-E	Albers-N	Lat.	Long.	Aspect	Slope	Elev (m) - Low	High	Year — Start	End	Area (ha)	Plant association	Community dominant	Küchler class	Site name
1603	OR	-1367609	2514784	122.31	44.36	NW	1	1250	1280	1233	1982	58	ABAM	PSME	3	GORDON MEADOWS
1604	OR	-1365563	2513646	122.28	44.36	SE	2	1140	1140	1413	1982	51	ABAM	PSME	3	SOAPGRASS MTN.
1605	OR	-1364497	2509764	122.26	44.32	NE	1	1170	1200	1482	1982	116	ABAM	PSME	3	BEAR PASS
1606	OR	-1360370	2514601	122.22	44.37	M	1	1190	1260	1150	1982	110	ABAM	PSME	3	SQUAW CREEK
1701	WA	-1279504	2778194	121.75	46.83	M	5	730	1800	1205	1978	53000	ABAM	ABAM	3	ENTIRE PARK
1702	WA	-1267175	2774323	121.58	46.82	M	5	730	1800	1205	1978	14560	ABAM	ABAM	3	OHANAPECOSH R.
1801	OR	-1309433	2388478	121.33	43.33	F	1	1800	1800	1740	1900	25	PICO	PICO	10	WICKIUP SPRING
1901	WA	-1310805	2720743	122.03	46.28	NE	2	1070	1150	1306	1985	10	ABAM	PSME	4	PARENT FOREST
1902	WA	-1309540	2728326	122.03	46.34	S	2	1160	1290	1324	1985	7	ABAM	PSME	4	BIG CREEK
1903	WA	-1313565	2722855	122.07	46.29	S	2	1110	1170	1504	1985	6	ABAM	PSME	4	UPPER CLEARWATER
2001	OR	-1369312	2353183	122.00	42.94	E	2	1830	1830	1620	1900	1	ABMA	ABMA	4	PROPHECY
2101	WA	-1210664	2966790	121.25	48.62	F	1	160	160	1721	1971	1	PSME	PICO	12	SITE 1(A)
2102	WA	-1210664	2966790	121.25	48.62	F	1	160	160	1866	1971	1	PSME	PICO	12	SITE 1(B)
2103	WA	-1201597	2976234	121.15	48.72	S	2	305	305	1566	1971	1	PSME	PICO	12	SITE 2(B)
2104	WA	-1199617	2974690	121.12	48.71	F	1	440	440	1891	1971	1	PSME	PICO	12	SITE 3
2105	WA	-1198670	2973742	121.11	48.70	F	1	520	520	1861	1971	1	PSME	PICO	12	SITE 4(A)
2106	WA	-1198670	2973742	121.11	48.70	S	2	560	560	1861	1971	1	PSME	PICO	12	SITE 4(B)
2107	WA	-1198670	2973742	121.11	48.70	NE	2	550	550	1861	1971	1	PSME	PICO	12	SITE 4(D)
2108	WA	-1198670	2973742	121.11	48.70	S	2	560	560	1864	1971	1	PSME	PICO	12	SITE 4(E)
2109	WA	-1202231	2974759	121.16	48.71	N	2	440	440	1859	1971	1	PSME	PICO	12	SITE 6
2110	WA	-1201840	2974698	121.15	48.71	NNW	2	550	550	1858	1971	1	PSME	PICO	12	SITE 8
2111	WA	-1182890	2968900	120.89	48.68	NNE	2	915	915	1896	1971	1	PSME	PICO	12	SITE 10
2112	WA	-1195878	2976529	121.08	48.73	-1	-1	-1	-1	1857	1971	1	PSME	PICO	12	SITE 12
2113	WA	-1202025	2977499	121.16	48.73	W	2	460	460	1889	1971	1	PSME	PICO	12	SITE 14
2114	WA	-1198928	2976089	121.11	48.73	W	2	550	550	1889	1971	1	PSME	PICO	12	SITE 16
2115	WA	-1198316	2975073	121.10	48.72	-1	-1	-1	-1	1860	1971	1	PSME	PICO	12	SITE 17
2116	WA	-1194388	2979998	121.06	48.77	S	1	620	620	1891	1971	1	PSME	PICO	12	SITE 18
2117	WA	-1192423	2978459	121.03	48.76	SE	1	610	610	1881	1971	1	PSME	PICO	12	SITE 19
2118	WA	-1193211	2977196	121.04	48.74	SSW	1	510	510	1837	1971	1	PSME	PICO	12	SITE 20
2119	WA	-1188344	2990463	121.00	48.87	S	1	960	960	1836	1971	1	PSME	PICO	12	SITE 22
2120	WA	-1188034	2990414	121.00	48.87	W	2	1075	1075	1866	1971	1	PSME	PICO	12	SITE 23
2121	WA	-1189415	2989645	121.02	48.86	SSE	2	530	530	1818	1971	1	PSME	PICO	12	SITE 24
2122	WA	-1189754	2987482	121.02	48.84	WNW	1	520	520	1601	1971	1	PSME	PICO	12	SITE 26
2123	WA	-1189121	2981444	121.00	48.79	SSW	2	1460	1460	1884	1971	1	PSME	PICO	12	SITE 27
2124	WA	-1191820	2980326	121.03	48.77	SSE	1	530	530	1738	1971	1	PSME	PICO	12	SITE 29
2125	WA	-1191650	2981407	121.03	48.78	-1	-1	-1	-1	1847	1971	1	PSME	PICO	12	SITE 30
2201	WA	-1332724	2693508	122.25	46.00	M	2	150	1270	1478	1932	15800	TSHE	PSME	2	ENTIRE AREA
2301	OR	-1030937	2536659	118.14	45.00	S	4	1680	1770	1552	1984	-1	ABGR/GRAS	PIPO	14	GORHAM BUTTE
2302	OR	-1031519	2533298	118.14	44.97	M	2	1680	1680	1504	1984	-1	PICO/VASC	-1	14	ANTONE
2303	OR	-1029938	2531513	118.11	44.96	SE	2	1525	1525	1554	1984	-1	PICO/VASC	PICO	14	DUTCH FLAT
2304	OR	-1024309	2521151	118.03	44.87	E	3	-1	-1	1502	1984	-1	ABGR/VAME	-1	14	HUNT MOUNTAIN
2305	OR	-1030862	2522930	118.11	44.88	SE	1	1645	1645	1701	1984	-1	ABLA/VAME	MULT	15	ROCK CREEK
2401	WA	-1053161	2956376	119.15	48.74	S	2	1370	1370	1774	1982	30	PSME/AGIN	PIPO	11	CAYUSE
2402	WA	-1056161	2934170	119.14	48.54	N	2	1100	1100	1700	1982	65	PSME	PSME	12	BAILEY MOUNTAIN
2403	WA	-1126147	2951800	120.10	48.61	S	3	1130	1220	1700	1982	75	PSME	PIPO	12	FIRST BUTTE
2404	WA	-1111033	2968094	119.93	48.77	M	2	1890	2010	1700	1982	75	ABLA/VASC	PICO	15	MEADOWS
2405	WA	-1134411	2956105	120.22	48.63	S	1	790	790	1700	1955	75	PSME/CARU	PIPO	12	EIGHTMILE
2501	WA	-1180192	2877951	120.67	47.87	SE	2	880	990	1659	1983	18	PSME/CARU	PIPO/PSME	4	SITE A
2502	WA	-1176400	2851661	120.57	47.64	N	3	875	950	1667	1980	18	PSME/CARU	PIPO/PSME	12	SITE D
2503	WA	-1195219	2850994	120.81	47.61	SW	3	840	1190	1637	1977	27	PSME/CARU	PIPO/PSME	3	SITE J

Ref/ Site #	State	Albers-E	Albers-N	Lat.	Long.	Aspect	Slope	--Elev (m) - Low	High	—Year— Start	End	Area (ha)	Plant association	Community dominant	Kuchler class	Site name
2504	WA	-1197543	2878180	120.89	47.85	S	2	840	935	1580	1980	45	PSME/CARU	PIPO/PSME	4	SITE L
2505	WA	-1183206	2876310	120.70	47.85	SE	2	770	780	1584	1983	-1	ABGR/PAMY	PIPO/PSME	4	SITE P
2506	WA	-1211684	2880092	121.08	47.84	-1	-1	-1	-1	1846	1983	-1	TSHE/PAMY	PIPO/PSME	4	SITE R
2507	WA	-1161015	2839721	120.34	47.55	S	2	1120	1140	1504	1983	18	PSME/ARTR	PIPO	12	SITE B
2508	WA	-1245578	2829433	121.42	47.34	S	2	1000	1100	1565	1983	9	PSME/PUTR	PIPO	12	SITE M
2509	WA	-1197543	2878180	120.89	47.85	S	2	840	935	1580	1980	45	PSME/CARU	PIPO/PSME	4	SITE L
2510	WA	-1176400	2851661	120.57	47.64	N	3	875	950	1667	1980	18	PSME/PUTR	PIPO	12	SITE D
2601	OR	-1305272	2568391	121.64	44.93	M	2	915	1220	1565	1957	-1	ABCO	PIPO	14	SF WARM SPRS RIV
2602	OR	-1298200	2580248	121.58	45.05	M	2	915	1220	1663	1957	-1	PIPO	PIPO	10	BUTTE CREEK
2603	OR	-1284668	2573587	121.39	45.01	M	1	790	1090	1641	1957	-1	PIPO	PIPO	10	SIMNASHO BUTTE
2604	OR	-1302621	2545759	121.56	44.73	M	2	1130	1220	1447	1957	-1	PIPO	PIPO	10	TWIN BUTTES
2701	OR	-1327205	2528136	121.83	44.54	M	2	970	2000	1518	1988	13490	ABGR	ABGR	14	ENTIRE AREA
2702	OR	-1327205	2528136	121.83	44.54	M	2	970	2000	1518	1988	13490	ABAM	ABAM	14	ENTIRE AREA
2703	OR	-1327205	2528136	121.83	44.54	M	2	970	2000	1518	1988	13490	TSME	TSME	14	ENTIRE AREA
2704	OR	-1327205	2528136	121.83	44.54	M	2	970	2000	1518	1988	13490	ABLA	ABLA	14	ENTIRE AREA
2705	OR	-1327205	2528136	121.83	44.54	M	2	970	2000	1518	1988	13490	PIAL	PIAL/TSME	14	ENTIRE AREA
2801	OR	-1313667	2512728	121.63	44.43	N	3	915	1220	1754	1903	-1	PSME	PIPO	10	B.B. - PSME
2802	OR	-1313967	2510889	121.63	44.41	N	3	1160	1525	1820	1903	-1	ABGR	ABGR	10	B.B. - ABGR
2803	OR	-1315775	2509115	121.65	44.39	SW	3	1035	1525	1720	1903	-1	PIPO	PIPO	10	B.B. - PIPO
2804	OR	-1312487	2509710	121.61	44.40	E	3	1070	1280	1818	1903	-1	CADE	PIPO	10	B.B. - CADE
2901	OR	-1260640	2414478	120.78	43.63	-1	-1	-1	-1	1800	1900	-1	PIPO	PIPO	10	WATKINS BUTTE
3001	WA	-1190966	3004838	121.07	49.00	F	1	490	490	1780	1947	1	PSME	PSME	12	ENTIRE AREA
3101	OR	-1131488	2472015	119.29	44.31	SW	2	1520	1520	1590	1992	0	PSME/CAGE	PIPO	14	SITE 1
3102	OR	-1122645	2499571	119.23	44.56	N	2	1520	1520	1600	1992	0	ABGR/VASC	PIPO	14	SITE 2
3103	OR	-1074273	2491433	118.61	44.55	SW	2	1600	1600	1640	1992	0	ABGR/CARU	PIPO	14	SITE 3
3104	OR	-1052550	2486047	118.33	44.53	N	1	1310	1310	1660	1992	0	ABGR/SPBE	PIPO	14	SITE 4
3105	OR	-1046708	2459069	118.21	44.29	E	2	1830	1830	1570	1992	0	ABGR/CARU	PIPO	14	SITE 5
3106	OR	-1101514	2556449	119.06	45.10	SW	2	1220	1220	1560	1992	0	PSME/CARU	PIPO	14	SITE 6
3107	OR	-1088612	2447822	118.71	44.15	SW	2	1520	1520	1630	1992	0	ABGR/CARU	PIPO	14	SITE 7
3108	OR	-1111433	2548478	119.17	55.01	N	2	1830	1830	1590	1992	0	ABGR/CARU	PIPO	14	SITE 8
3109	OR	-1032182	2532766	118.15	44.97	S	2	1830	1830	1760	1992	0	ABGR/CAGE	PIPO	14	SITE 9
3110	OR	-934313	2537155	116.92	45.11	S	1	1280	1280	1790	1992	0	ABGR/VAME	PIPO	14	SITE 10
3111	OR	-1045237	2511672	118.28	44.76	S	2	1615	1615	1650	1992	0	ABGR/CARU	PIPO	14	SITE 11
3112	OR	-1032893	2588317	118.24	45.46	W	1	1070	1070	1790	1992	0	PSME/CAGE	PIPO	14	SITE 12
3113	OR	-1020623	2604475	118.12	45.62	SW	2	1220	1220	1770	1992	0	ABGR/SPBE	PIPO	14	SITE 13
3114	OR	-985783	2630715	117.71	45.89	S	2	1520	1520	1730	1992	0	ABGR/SPBE	PIPO	14	SITE 14
3115	WA	-956545	2670725	117.40	46.28	E	1	1520	1520	1660	1992	0	ABGR/LIBO	PIPO	14	SITE 15
3201	WA	-1179398	2814243	120.53	47.30	SW	1	1706	1761	1690	1976	9	ABLA/CAGE	ABLA	12	SNAG
3202	WA	-1179398	2814243	120.53	47.30	SW	1	1706	1761	1870	1976	2	ABLE/CAGE	PICO	12	THICKET
3301	KS	715838	1835883	96.58	39.08	-1	-1	350	350	1862	1983	-1	QUMA	QUMA	81	KINGS CREEK
3302	KS	715838	1835883	96.58	39.08	-1	-1	350	350	1895	1983	-1	QUMA	QUMA	81	WHITE PASTURE
3303	KS	715838	1835883	96.58	39.08	-1	-1	350	350	1890	1983	-1	QUMA	QUMA	81	SHANE CREEK
3401	TX	16080	1002255	104.83	31.96	M	5	2150	2550	1554	1980	1700	PSME	MULT	18	S. MCKITTRICK CAN. WATERSHED
3501	MT	-718383	2810056	114.50	47.77	-1	-1	-1	-1	1440	1985	-1	ABLA	LAOC/PICO	15	MARY'S FROG POND
3601	ID	-887656	2950546	116.94	48.88	-1	-1	840	1830	1770	1979	90	TSHE/THPL/PASP	MULT	13	SALMO/PRIEST 3
3602	ID	-887656	2950546	116.94	48.88	-1	-1	840	1830	1700	1979	90	TSHE/THPL/PASP	MULT	13	SALMO PRIEST 5
3603	ID	-897713	2903707	117.00	48.44	-1	-1	760	1520	1860	1979	90	TSHE/THPL	MULT	13	GOOSE CREEK 6
3604	ID	-887656	2950546	116.94	48.88	-1	-1	840	1830	1771	1979	90	TSHE/THPL/PASP	MULT	13	SALMO /PRIEST 40
3605	ID	-897713	2903707	117.00	48.44	E	-1	1430	1430	-1	1979	90	ABLA/PIEN	MULT	15	GOOSE CREEK 14
3606	ID	-897713	2903707	117.00	48.44	E	-1	1430	1430	-1	1979	90	ABLA/PIEN	MULT	15	GOOSE CREEK 15

Ref/ Site #	State	Albers-E	Albers-N	Lat.	Long.	Aspect	Slope	--Elev (m) - Low	High	---Year--- Start	End	Area (ha)	Plant association	Community dominant	Küchler class	Site name
3607	ID	-897713	2903707	117.00	48.44	E	-1	1430	1430	1750	1979	90	ABLA/PIEN	MULT	15	GOOSE CREEK 16
3701	ID	-567463	2434565	112.17	44.50	-1	-1	-1	-1	1777	1854	-1	PSME/CARU	PSME/CARU	12	PLEASANT VALLEY
3702	MT	-602206	2448242	112.62	44.60	-1	-1	-1	-1	1726	1890	0	PSME/CARU	PSME/CARU	12	DUTCH HOLLOW
3703	MT	-681982	2568100	113.75	45.62	-1	-1	-1	-1	1662	1902	-1	PSME/CARU	PSME/CARU	12	BIG HOLE BATTLEFIELD
3704	MT	-550478	2489246	112.00	45.00	-1	-1	-1	-1	1734	1871	-1	PSME/CARU	PSME/CARU	12	VIGILANTE STATION AREA
3705	MT	-553810	2535941	112.08	45.42	-1	-1	-1	-1	1566	1856	0	PSME/CARU	PSME/CARU	12	CALIFORNIA CREEK
3706	MT	-433141	2472823	110.50	44.92	-1	-1	-1	-1	1718	1865	-1	PSME/CARU	PSME/CARU	12	PAPOOSE CREEK
3707	MT	-591756	2464239	112.50	44.75	-1	-1	-1	-1	1609	1894	-1	PSME/FEID	PSME/FIED	12	BASIN CREEK
3708	MT	-637664	2467717	113.08	44.75	-1	-1	-1	-1	1554	1795	-1	PSME/FEID	PSME/FIED	12	HORSE PRAIRIE CR.
3709	MT	-640603	2514493	113.17	45.17	-1	-1	-1	-1	1585	1884	-1	PSME/FEID	PSME/FIED	12	BANNACK
3710	MT	-556720	2532426	112.12	45.38	-1	-1	-1	-1	1578	1886	-1	PSME/FEID	PSME/FIED	12	SITE 12
3711	ID	-428075	2444660	110.42	44.67	-1	-1	-1	-1	1694	1862	-1	PSME/FEID	PSME/FIED	12	HENRYS LAKE
3712	MT	-588485	2473310	112.47	44.83	-1	-1	-1	-1	1588	1877	-1	PIFL/AGSP	PIFL/AGSP	12	PRICES CREEK
3801	MT	-699568	2685238	114.11	46.66	ESE	2	1097	1219	1668	1936	180	PSME/AGSP	PSME/PIPO	12	ONEHORSE VALLEY EDGE
3802	MT	-701574	2685262	114.13	46.65	E	2	1219	1859	1366	1936	180	PSME/PHMA	PSME/PIPO	12	ONEHORSE MONTANE SLOPES
3803	MT	-701185	2686152	114.13	46.66	SE	2	1250	1524	1594	1936	180	ABGR	LAOC/PICO/PSME	12	ONEHORSE MOIST CANYON
3804	MT	-703142	2685863	114.15	46.66	SE	2	1859	2195	1631	1936	180	ABLA/XETE;PSME/VAGL	PICO/PSME	12	ONEHORSE LOWER SUBALPINE SLOPES
3805	MT	-704160	2686571	114.17	46.66	SSE	2	2103	2438	1608	1936	180	ABLA/LUHI;PIAL/ABLA	PIAL/PICO	12	ONEHORSE UPPER SUBALPINE SLOPES
3806	MT	-690941	2689413	114.00	46.70	-1	-1	1158	1524	1686	1935	180	PSME/AGSP	PSME/PIPO	12	TOLAN VALLEY EDGE
3807	MT	-691349	2592897	113.90	45.83	M	5	1280	1890	1574	1935	180	PSME/PHMA	PSME/PIPO	12	TOLAN MONTANE SLOPES
3808	MT	-687742	2591256	113.85	45.82	M	5	1829	2286	1636	1935	180	ABLA/XETE;PSME/VAGL	PICO/PSME	12	TOLAN LOWER SUBALPINE SLOPES
3809	MT	-685503	2585492	113.81	45.77	M	5	2286	2073	1595	1935	180	ABLA/LUHI;PIAL/ABLA	PIAL/PICO	12	TOLAN UPPER SUBALPINE SLOPES
3810	MT	-719269	2594280	114.26	45.82	SE	1	1387	2134	1695	1948	180	PSME/AGSP	PSME/PIPO	12	WESTFORK VALLEY EDGE
3811	MT	-722086	2594225	114.29	45.82	M	5	1387	2134	1573	1948	180	PSME/PHMA	PSME/PIPO	12	WESTFORK MONTANE SLOPES
3812	MT	-724052	2594094	114.32	45.82	M	5	1829	2438	1660	1948	180	ABLA/XETE;PSME/VAGL	PICO/PSME	12	WESTFORK LOWER SUBALPINE SLOPES
3813	MT	-724300	2595665	114.32	45.83	SE	5	2134	2591	1695	1948	180	ABLA/LUHI;PIAL/ABLA	PIAL/PICO	15	WESTFORK UPPER SUBALPINE SLOPES
3901	AZ	-513307	1045501	110.54	32.22	NNW	2	2440	2600	1510	1930	10	PSME/PIPO/QUGM	MULT	19	NORTH SLOPE
3902	AZ	-514225	1043981	110.55	32.21	M	2	2400	2450	1500	1960	6	PIPO	PIPO	19	MANNING CAMP
3903	AZ	-515107	1044814	110.56	32.22	W	2	2500	2530	1580	1925	5	PIPO	PIPO	19	HELEN'S DOME
3904	AZ	-513358	1044563	110.54	32.21	SSW	2	2520	2520	1490	1960	3	PSME	PIPO	19	MICA MEADOW
3905	AZ	-513450	1044568	110.54	32.21	M	5	2190	2600	1490	1960	2000	PSME/PIPO/QUGM	MULT	19	MIKA MTN COMPOSITE OF SITES 1-4
3906	AZ	-512075	1033888	110.52	32.12	-1	2	2200	2200	1480	1930	-1	PSME/PIPO/QUGM	MULT	19	RINCON PEAK
4001	UT	-596190	1817486	112.00	39.00	-1	-1	-1	-1	1770	1904	-1	ABCO/PIEN	MULT	15	EPHRAIM CANYON
4101	ID	-746047	2541532	114.54	45.33	M	-1	914	1524	1707	1984	1215	PSME	PIPO/PSME	12	COLSON CREEK
4102	ID	-774567	2556735	114.92	45.44	M	-1	1219	1524	1730	1984	1619	PSME	PIPO/PSME	12	CHAMBERLAIN
4201	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1776	1980	122	PSME	PIPO/PSME	12	FIVEMILE CR.
4202	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1776	1980	122	PSME	PIPO/PSME	12	RAINY CR.
4203	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1697	1980	122	PSME	PIPO/PSME	12	MCCALLA CR.
4204	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1697	1980	122	PSME	PIPO/PSME	12	CUTOFF GULCH
4205	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1704	1980	122	PSME	PIPO/PSME	12	SIXMILE CR
4206	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1704	1980	122	PSME	PIPO/PSME	12	ROCK CR.
4207	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1737	1980	122	PSME	PIPO/PSME	12	GOAT MT.
4208	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1737	1980	122	PSME	PIPO/PSME	12	SLEEPING CHILD CR.
4209	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1797	1980	122	PSME	PIPO/PSME	12	FAIRVIEW
4210	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1797	1980	122	PSME	PIPO/PSME	12	DOAK CR.
4211	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1700	1980	122	PSME	PIPO/PSME	12	HAY CR.
4212	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1700	1980	122	PSME	PIPO/PSME	12	THOMPSON CR.
4213	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1772	1980	122	PSME	PIPO/PSME	12	HOUGHES CR.
4214	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1772	1980	122	PSME	PIPO/PSME	12	HOG TROUGH CR.
4215	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1710	1980	122	PSME	PIPO/PSME	12	HOG HEAVEN

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4216	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1710	1980	122	PSME	PIPO/PSME	12	N. BASSOO CR.
4217	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1695	1980	122	PSME	PIPO/PSME	12	INDIAN TREES
4218	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1695	1980	122	PSME	PIPO/PSME	12	RAILROAD CR.
4219	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1729	1980	122	PSME	PIPO/PSME	12	MCCARTNEY CR.
4220	MT	-721087	2780811	114.50	47.50	-1	-1	-1	-1	1729	1980	122	PSME	PIPO/PSME	12	TWO BEAR CR.
4301	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	PSME	MULT	12	NF15
4302	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	PSME	MULT	12	NF1
4303	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	PSME	MULT	12	NF8
4304	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	PSME	MULT	12	NF14
4305	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	PSME	MULT	12	NF2
4306	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	PSME	MULT	12	NF9
4307	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	PSME	MULT	12	NF3
4308	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	PSME	MULT	12	NF7
4309	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	NF5
4310	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	NF18
4311	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	NF17
4312	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	NF16
4313	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	NF4
4314	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	NF6
4315	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	NF19
4316	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	NF13
4317	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	NF20
4318	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	NF10
4319	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	NF11
4320	MT	-689359	2921315	114.25	48.80	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	NF12
4321	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MC34
4322	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MC35
4323	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MF1
4324	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MF3
4325	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MF10
4326	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MF4
4327	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MF7
4328	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MC8
4329	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MC43
4330	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MF8
4331	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MC23
4332	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MF6
4333	MT	-670474	2902536	113.98	48.64	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MF5
4334	MT	-649022	2881899	113.67	48.47	-1	-1	-1	-1	1650	1988	-1	ABLA	MULT	15	MC25
4335	MT	-649022	2881899	113.67	48.47	-1	-1	-1	-1	1650	1988	-1	TSHE/THPL	MULT	13	MC30
4336	MT	-649022	2881899	113.67	48.47	-1	-1	-1	-1	1650	1988	-1	TSHE/THPL	MULT	13	MC40
4337	MT	-649022	2881899	113.67	48.47	-1	-1	-1	-1	1650	1988	-1	TSHE/THPL	MULT	13	MC12
4338	MT	-649022	2881899	113.67	48.47	-1	-1	-1	-1	1650	1988	-1	TSHE/THPL	MULT	13	MC39
4339	MT	-649022	2881899	113.67	48.47	-1	-1	-1	-1	1650	1988	-1	TSHE/THPL	MULT	13	MC42
4401	CA	-1581371	2101280	124.00	40.40	S	3	175	175	1714	1955	0	SESE	SESE	6	PRN1
4402	CA	-1581371	2101280	124.00	40.40	S	3	175	175	1714	1966	0	SESE	SESE	6	PRN2
4403	CA	-1581371	2101280	124.00	40.40	-1	-1	175	175	1714	1973	0	SESE	SESE	6	PRC2
4404	CA	-1581371	2101280	124.00	40.40	-1	-1	175	175	1715	1968	0	SESE	SESE	6	PRC5
4405	CA	-1581371	2101280	124.00	40.40	-1	-1	175	175	1715	1985	0	SESE	SESE	6	PRC7
4406	CA	-1581371	2101280	124.00	40.40	-1	-1	175	175	1715	1938	0	SESE	SESE	6	PRC8

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4407	CA	-1581371	2101280	124.00	40.40	-1	-1	175	175	1716	1947	0	SESE	SESE	6	PRC9
4408	CA	-1581371	2101280	124.00	40.40	-1	-1	175	175	1714	1969	0	SESE	SESE	6	PRC11
4409	CA	-1581371	2101280	124.00	40.40	-1	-1	175	175	1714	1954	0	SESE	SESE	6	PRC14
4410	CA	-1581371	2101280	124.00	40.40	-1	-1	175	175	1714	1985	0	SESE	SESE	6	PRC16
4411	CA	-1581371	2101280	124.00	40.40	-1	-1	175	175	1714	1953	0	SESE	SESE	6	PRC17
4412	CA	-1581371	2101280	124.00	40.40	-1	-1	175	175	1714	1985	0	SESE	SESE	6	PRC18
4413	CA	-1581371	2101280	124.00	40.40	-1	-1	175	175	1714	1985	4	SESE	SESE	6	COMPOSITE
4501	ID	-948352	2258054	116.69	42.62	-1	-1	1826	1826	1690	1950	260	JUOC	JUOC/ARTR	24	INDIAN MEADOWS
4502	ID	-796773	2242174	114.82	42.62	-1	-1	1826	1826	1710	1950	260	JUOC	JUOC/ARTR	24	MUDD FLAT
4503	ID	-955881	2281484	116.82	42.82	-1	-1	1826	1826	1650	1950	260	JUOC	JUOC/ARTR	24	COMBINATION RIDGE
4504	ID	-844834	2211206	115.37	42.30	-1	-1	1826	1826	1700	1950	260	JUOC	JUOC/ARTR	24	JUNIPER MOUNTAIN
4601	CO	-48815	1952371	105.58	40.38	-1	-1	2682	3292	1605	1974	-1	ABLA/PIEN	PICO	15	EAST SIDE OF PARK
4701	CA	-1512410	1801554	122.58	37.89	M	-1	134	134	1670	1969	11	PSME/SESE	SESE	6	SITE A: MUIR WOODS
4702	CA	-1511973	1802051	122.58	37.90	F	-1	134	134	1670	1969	10	PSME/SESE	SESE	6	SITE B: MUIR WOODS
4801	MT	-671860	2874591	113.96	48.39	-1	-1	1000	1140	1602	1976	-1	PSME	LAOC/PSME	12	VALLEYS
4802	MT	-671860	2874591	113.96	48.39	-1	-1	1200	1650	1602	1976	-1	PSME	PSME	12	MONTANE SLOPES
4803	MT	-671860	2874591	113.96	48.39	-1	-1	1575	1800	1602	1976	-1	ABLA/PSME	PSME	15	LOWER SUPALPINE SLOPES
4804	MT	-671860	2874591	113.96	48.39	-1	-1	1800	1910	1602	1976	-1	ABLA/PSME	MULT	15	UPPER SUBALPINE SLOPES
4805	MT	-671860	2874591	113.96	48.39	M	5	1006	1911	1602	1976	2984	ABLA/PSME	MULT	15	ENTIRE CORAM FOREST
4901	AZ	-599453	1394512	111.71	35.26	SSE	1	2249	2249	1694	1976	-1	PIPO	PIPO	19	1
4902	AZ	-596791	1394150	111.69	35.26	SSW	1	2239	2239	-1	1976	-1	PIPO	PIPO	19	2
4903	AZ	-596793	1394118	111.68	35.26	SSW	1	2237	2237	1577	1976	-1	PIPO	PIPO	19	3
4904	AZ	-596808	1393900	111.69	35.26	SSW	1	2233	2233	1673	1976	-1	PIPO	PIPO	19	4
4905	AZ	-596808	1393900	111.68	35.26	SSW	1	2233	2233	-1	1976	-1	PIPO	PIPO	19	5
4906	AZ	-596866	1394375	111.69	35.26	SSE	1	2245	2245	1667	1873	-1	PIPO	PIPO	19	6
4907	AZ	-596674	1394583	111.68	35.26	SSW	1	2263	2263	1440	1976	-1	PIPO	PIPO	19	7
4908	AZ	-596866	1394375	111.69	35.26	S	1	2233	2263	1440	1976	17	PIPO	PIPO	19	ENTIRE AREA
5001	AZ	-367164	1126588	109.00	33.00	M	2	2682	2774	1608	1978	166	PIPU/PIEN/SECA	ABCO/PSME	20	SOUTH THOMAS CREEK
5101	AZ	-601035	1280030	111.65	34.25	-1	-1	2103	2103	1722	1980	41	PIPO	PIPO	19	LIMESTONE FLATS
5102	CO	-260053	1650485	108.00	37.67	-1	-1	-1	-1	1750	1975	-1	QUGM	PIPO/QUGM	19	SAN JUAN NATIONAL FOREST
5201	AZ	-663591	1290423	112.35	34.30	-1	-1	1524	1615	1736	1870	-1	PIPO	PIPO	19	STEM 1
5202	AZ	-663591	1290423	112.35	34.30	-1	-1	1524	1615	1775	1870	-1	PIPO	PIPO	19	STEM 2
5203	AZ	-663591	1290423	112.35	34.30	-1	-1	1554	1554	1713	1875	-1	PIPO	PIPO	19	STEM 4
5204	AZ	-663591	1290423	112.35	34.30	-1	-1	1554	1554	1722	1860	-1	PIPO	PIPO	19	STEM 5
5205	AZ	-663591	1290423	112.35	34.30	-1	-1	1554	1554	1700	1890	-1	PIPO	PIPO	19	STEM 6
5206	AZ	-663591	1290423	112.35	34.30	-1	-1	1554	1554	1760	1863	-1	PIPO	PIPO	19	STEM 7
5207	AZ	-663591	1290423	112.35	34.30	-1	-1	1554	1554	1755	1861	-1	PIPO	PIPO	19	STEM 8
5301	AZ	-601035	1280030	111.65	34.25	-1	-1	2103	2103	1669	1968	0	PIPO	PIPO	19	ENTIRE AREA
5401	CA	-1060139	1171765	116.56	32.94	-1	-1	1073	1985	1750	1900	-1	CADE	PILA/LIDE	5	CUYAMACA RANCHO STATE PARK
5501	CA	-1561328	1888596	123.32	38.58	SW	2	61	274	1540	1988	200	SESE/PIMU/CADE	SESE	6	SALT POINT -NORTH
5502	CA	-1560741	1887503	123.31	38.57	SW	2	61	274	1650	1988	200	SESE/PIMU/CADE	SESE	6	SALT POINT - SOUTH
5503	CA	-1559618	1887938	123.29	38.57	M	5	61	274	1200	1988	200	SESE/PIMU/CADE	SESE	6	SALT POINT -EAST
5601	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1630	1860	0	SESE	SESE	6	A
5602	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1509	1860	0	SESE	SESE	6	B
5603	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1400	1860	0	SESE	SESE	6	C
5604	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1366	1860	0	SESE	SESE	6	D
5605	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1406	1860	0	SESE	SESE	6	E
5606	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1520	1860	0	SESE	SESE	6	F
5607	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1579	1860	0	SESE	SESE	6	G
5608	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1645	1860	0	SESE	SESE	6	H

Ref/ Site #	State	Albers-E	Albers-N	Lat.	Long.	Aspect	Slope	Elev (m) - Low	Elev (m) - High	Year Start	Year End	Area (ha)	Plant association	Community dominant	Kilchler class	Site name
5609	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1681	1860	0	SESE	SESE	6	I
5610	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1780	1860	0	SESE	SESE	6	J
5611	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1616	1860	0	SESE	SESE	6	K
5612	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1541	1860	0	SESE	SESE	6	L
5613	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1376	1860	0	SESE	SESE	6	M
5614	CA	-1504823	1861259	122.61	38.43	-1	-1	-1	-1	1769	1860	0	SESE	SESE	6	N
5701	NM	-116145	1430863	106.31	35.75	-1	-1	-1	-1	-1	1977	-1	PIPO	PIPO	19	BANDELIER NATIONAL MONUMENT
5801	MT	-666239	2804797	113.81	47.76	-1	-1	1036	1036	1859	1905	0	ABLA/CLUN	PICO	15	STAND 1
5802	MT	-667023	2803637	113.82	47.75	-1	-1	1006	1006	1839	1905	0	ABLA/CLUN	PICO	15	STAND 10
5803	MT	-665293	2801647	113.79	47.73	-1	-1	1097	1097	1839	1905	0	ABLA/CLUN	PICO	15	STAND 15
5804	MT	-663769	2797219	113.77	47.69	-1	-1	1128	1128	1867	1905	0	ABLA/CLUN	PICO	15	STAND 17
5805	MT	-666970	2796265	113.81	47.68	-1	-1	1036	1036	1839	1905	0	ABLA/CLUN	PICO	15	STAND 58
5806	MT	-662964	2796845	113.76	47.69	-1	-1	1128	1128	1758	1905	0	ABLA/CLUN	PICO	15	STAND 52
5807	MT	-656550	2792617	113.67	47.66	-1	-1	1097	1097	1670	1905	0	ABLA/ABGR/PSME	PIPO	14	STAND 21
5808	MT	-661205	2789788	113.73	47.63	-1	-1	1097	1097	1768	1905	0	ABLA/ABGR/PSME	PIPO	14	STAND 48
5809	MT	-663134	2789491	113.75	47.63	-1	-1	1097	1097	1768	1905	0	ABLA/ABGR/PSME	PIPO	14	STAND 23
5810	MT	-660191	2786477	113.71	47.60	-1	-1	1158	1158	1652	1905	0	ABLA/ABGR/PSME	PIPO	14	STAND 27
5811	MT	-660191	2786477	113.71	47.60	-1	-1	1158	1158	1652	1905	0	ABLA/ABGR/PSME	PIPO	14	STAND 29
5812	MT	-660191	2786477	113.71	47.60	-1	-1	1158	1158	1812	1905	0	ABLA/ABGR/PSME	PIPO	14	STAND 31
5813	MT	-660191	2786477	113.71	47.60	-1	-1	1158	1158	1770	1905	0	ABLA/ABGR/PSME	PIPO	14	STAND 35
5814	MT	-660191	2786477	113.71	47.60	-1	-1	1158	1158	1758	1905	0	ABLA/ABGR/PSME	PIPO	14	STAND 36
5815	MT	-660191	2786477	113.71	47.60	-1	-1	1158	1158	1815	1905	0	ABLA/ABGR/PSME	PIPO	14	STAND 40
5816	MT	-657784	2777981	113.67	47.53	-1	-1	1158	1158	1710	1905	0	ABLA/ABGR/PSME	PIPO	14	STAND 44
5901	MN	746114	2748544	95.21	47.19	M	5	429	517	1650	1922	12972	ACSA/TIAM	MULT	99	ENTIRE AREA
6001	CA	-1565801	2147529	123.92	40.83	-1	-1	-1	-1	928	1928	12	SESE	SESE	6	HUMBOLDT COUNTY
6101	MT	-613252	2759796	113.06	47.39	M	5	1430	2000	1835	1944	-1	PSME/LIBO	PICO	12	NORTH OF RAPID CREEK
6102	MT	-613560	2752937	113.06	47.33	M	5	1430	2000	1749	1944	-1	PSME/LIBO	PICO	12	SOUTH OF RAPID CREEK
6103	MT	-612667	2757508	113.05	47.37	M	5	1430	2000	1844	1926	33000	PSME/LIBO	PICO	12	ENTIRE AREA UNDER 2,000 M ELEV.
6104	MT	-612667	2757508	113.05	47.37	M	5	2000	2400	1785	1936	-1	ABLA	ABLA	15	ENTIRE AREA OVER 2,000 M ELEV.
6201	CO	-5213	1773467	105.06	38.79	M	-1	1981	4312	1846	1904	20445	PIEN	MULT	15	ENTIRE PIKES PEAK RESERVE
6202	CO	-5213	1773467	105.06	38.79	M	-1	1981	4312	1846	1904	-1	PIEN	ABMA	15	SOUTHERN BORDER OF RESERVE
6301	CO	-37675	1914764	105.45	40.04	M	5	2375	2685	1721	1949	600	PSME	MULT	12	FOURMILE CANYON
6401	CA	-1417575	1624390	121.18	36.48	NNW	3	402	402	1866	1982	-1	ADFA/ARGL/CEIN	MULT	33	VISITOR CENTER
6402	CA	-1421981	1627504	121.23	36.50	M	5	488	695	1845	1982	-1	ADFA/ARGL/CEIN	MULT	33	WEST BOUNDARY MONUMENT
6403	CA	-1460093	1697732	121.79	37.06	M	-1	-1	-1	1844	1982	-1	PSME	MULT	29	SANTA CRUZ MTS.
6404	CA	-1460093	1697732	121.79	37.06	M	-1	-1	-1	1888	1982	-1	PSME	MULT	29	EAST BOUNDARY SANTA CRUZ CO
6405	CA	-1460093	1697732	121.79	37.06	M	-1	-1	-1	1708	1982	-1	PSME	MULT	29	E. BDRY SANTA CRUZ COUNTY #2
6406	CA	-1494463	1717709	122.21	37.19	M	-1	-1	-1	1420	1982	-1	PSME	MULT	-1	SANTA CRUZ COUNTY
6407	CA	-1494463	1717709	122.21	37.19	M	-1	73	683	1420	1982	-1	SESE	MULT	6	BIG BASIN STATE PARK-PINE
6408	CA	-1494463	1717709	122.21	37.19	M	-1	73	683	-1	1982	-1	PSME	MULT	29	BIG BASIN ST. PK.-XERIC CONIFER
6409	CA	-1494463	1717709	122.21	37.19	M	-1	73	683	-1	1982	-1	ACMA	MULT	25	BIG BASIN STATE PARK-RIPARIAN
6410	CA	-1494463	1717709	122.21	37.19	M	-1	73	683	-1	1982	-1	SESE	MULT	6	BIG BASIN ST PK-MESIC CONIFER
6411	CA	-1494463	1717709	122.21	37.19	M	-1	73	683	-1	1982	-1	ADFA/ARGL/CEIN	MULT	33	BIG BASIN STATE PARK-CHAPARRAL
6412	CA	-1494463	1717709	122.21	37.19	M	-1	73	683	-1	1982	-1	SESE	SESE	6	BIG BASIN STATE PARK-REDWOOD
6501	ID	-786654	2700233	115.25	46.72	N	1	848	909	1613	1982	41	THPL/PASP	THPL	13	KELLY FORKS CAMPGROUND
6502	ID	-801055	2683150	115.42	46.55	W	2	848	848	1769	1982	41	THPL/PASP	THPL	13	DORIS CREEK
6503	ID	-798118	2693048	115.39	46.64	N	1	727	727	1700	1982	41	THPL/PASP	THPL	13	FAWN CREEK
6504	ID	-794525	2683417	115.33	46.56	N	3	727	848	1736	1982	41	THPL/PASP	THPL	13	FORTH OF JULY PACKBRIDGE
6505	ID	-778868	2698534	115.15	46.71	N	4	1212	1212	1772	1982	41	THPL/PASP	THPL	13	SLICK CREEK
6506	ID	-793910	2689534	115.33	46.61	N	2	1455	1455	1795	1982	41	THPL/PASP	THPL	13	DAVIS CREEK

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6507	ID	-786953	2681732	115.23	46.55	NW	2	1000	1000	1736	1982	41	THPL/PASP	THPL	13	WINDY PACKBRIDGE
6508	ID	-807250	2671014	115.48	46.44	NW	1	727	727	1736	1982	41	THPL/PASP	THPL	13	WEITAS CAMPGROUND
6509	ID	-789544	2701449	115.29	46.73	NW	2	848	848	1736	1982	41	THPL/PASP	THPL	13	HIGH CREEK
6510	ID	-800060	2694480	115.42	46.65	N	1	788	848	1819	1982	41	THPL/PASP	THPL	13	CUB CREEK
6511	ID	-795886	2689115	115.36	46.61	W	5	788	788	1749	1982	41	THPL/PASP	THPL	13	JOHNNY PACKBRIDGE
6512	ID	-789682	2693125	115.28	46.65	S	3	1515	1545	1680	1982	41	ABGR/PASP	ABGR	14	CANYON CREEK
6513	ID	-802262	2685745	115.44	46.57	W	2	1152	1152	1834	1982	41	ABGR/PASP	ABGR	14	COOK ROAD#1
6514	ID	-778331	2697709	115.14	46.70	W	3	970	1030	1842	1982	41	ABGR/PASP	ABGR	14	SLICK RIDGE SOUTH
6515	ID	-799014	2685724	115.39	46.58	N	2	1303	1303	1772	1982	41	ABGR/PASP	ABGR	14	COOK ROAD #3
6516	ID	-802769	2685333	115.44	46.57	SW	2	1000	1000	1808	1982	41	ABGR/PASP	ABGR	14	COOK ROAD #2
6517	ID	-786516	2699293	115.25	46.71	N	3	909	1091	1848	1982	41	ABGR/PASP	ABGR	14	JUNCTION PACKTRAIL
6518	ID	-800853	2685138	115.42	46.57	N	3	909	1152	1842	1982	41	ABGR/PASP	ABGR	14	DORIS RIDGE
6519	ID	-790341	2695044	115.29	46.67	NW	1	1970	1970	1680	1982	41	ABLA-TSME	MULT	15	COOK MOUNTAIN NORTH
6520	ID	-785114	2686986	115.22	46.60	W	5	2061	2061	1786	1982	41	ABLA-TSME	MULT	15	LOOKOUT PEAK
6521	ID	-791331	2683622	115.29	46.56	SW	1	1848	1848	1796	1982	41	ABLA-TSME	MULT	15	CRATER MEADOWS NORTH
6522	ID	-789851	2696848	115.29	46.68	SW	2	1848	1848	1736	1982	41	ABLA-TSME	MULT	15	JUNCTION LOOKOUT WEST
6523	ID	-785133	2686802	115.22	46.60	SW	5	1818	1818	1766	1982	41	ABLA-TSME	MULT	15	LOOKOUT PEAK SOUTH
6524	ID	-783896	2692239	115.21	46.65	SW	1	1667	1667	1740	1982	41	ABLA-TSME	MULT	15	PARADISE MEADOWS
6525	ID	-791178	2683606	115.29	46.56	SW	1	1909	1909	1799	1982	41	ABLA-TSME	MULT	15	CRATER MEADOWS EAST
6526	ID	-785680	2681296	115.22	46.55	S	2	1818	1818	1794	1982	41	ABLA-TSME	MULT	15	MONROE BUTTE NORTH
6527	ID	-788535	2696098	115.27	46.68	SW	5	1879	1879	1796	1982	41	ABLA-TSME	MULT	15	JUNCTION LAKE POINT
6528	ID	-791291	2685564	115.29	46.58	S	1	1970	1970	1799	1982	41	ABLA-TSME	MULT	15	COOK MTN. SOUTH
6601	WY	-446148	2330087	110.57	43.63	E	-1	2088	2088	1879	1971	0	PSME	POTR	12	1A
6602	WY	-446148	2330087	110.57	43.63	W	-1	2088	2088	1879	1971	0	PSME	POTR	12	1B
6603	WY	-424599	2319774	110.29	43.55	E	-1	2271	2271	1872	1971	0	PSME	POTR	12	3
6604	WY	-417685	2322997	110.21	43.58	SW	-1	2378	2378	1850	1971	0	PSME	POTR	12	4A
6605	WY	-417685	2322997	110.21	43.58	N	-1	2378	2378	1850	1971	0	PSME	POTR	12	4B
6606	WY	-430990	2342032	110.39	43.75	-1	-1	2329	2329	1850	1971	0	PSME	POTR	12	5A
6607	WY	-430990	2342032	110.39	43.75	-1	-1	2329	2329	1850	1971	0	PSME	POTR	12	5B
6608	WY	-430990	2342032	110.39	43.75	-1	-1	2329	2329	1850	1971	0	PSME	POTR	12	5C
6609	WY	-449799	2338218	110.62	43.70	-1	-1	2104	2104	1856	1971	0	PSME	POTR	12	6A
6610	WY	-449799	2338218	110.62	43.70	-1	-1	2104	2104	1856	1971	0	PSME	POTR	12	6B
6611	WY	-439547	2361914	110.51	43.92	-1	-1	2256	2256	1880	1971	0	PSME	POTR	12	7A
6612	WY	-454939	2291350	110.65	43.28	-1	-1	1890	1890	1872	1971	0	PSME	POTR	12	8A
6613	WY	-454939	2291350	110.65	43.28	-1	-1	1890	1890	1872	1971	0	PSME	POTR	12	8B
6701	MT	-714963	2622207	114.23	46.08	SSE	2	1384	1384	1648	1900	0	PSME/CARU	PIPO	12	PHOTOPOINT 3
6702	MT	-714963	2622207	114.23	46.08	SSE	2	1372	1372	1724	1900	0	PSME/CARU	PIPO	12	PHOTOPOINT 2
6703	MT	-714963	2622207	114.23	46.08	SE	2	1356	1356	1617	1900	0	PSME/CARU	PIPO	12	PHOTOPOINT 1
6704	MT	-714963	2622207	114.23	46.08	SSE	2	1372	1372	1838	1900	0	PSME/CARU	PIPO	12	PHOTOPOINT 6-LIVE TREE
6705	MT	-714963	2622207	114.23	46.08	SSE	2	1372	1372	1752	1900	0	PSME/CARU	PIPO	12	PHOTOPOINT 6-DEAD TREE
6706	MT	-714963	2622207	114.23	46.08	NE	2	1344	1344	1428	1900	0	PSME/CARU	PIPO	12	PHOTOPOINT 8
6707	MT	-714963	2622207	114.23	46.08	M	2	1372	1372	1428	1900	130	PSME/CARU	PIPO	12	ENTIRE STUDY AREA
6801	MN	1029066	2870971	91.33	48.00	M	-1	366	640	1542	1972	215000	ACSA/FAGR/TSCA	MULT	95	BOUNDARY WATERS CANOE AREA
6901	WY	-471719	2487988	111.00	45.03	-1	-1	1500	1800	1664	1970	-1	AGSP/FEID	MULT	50	SITE A
6902	WY	-448144	2475496	110.69	44.93	-1	-1	2200	2300	1653	1970	-1	AGSP/FEID	MULT	50	SITE B
6903	WY	-433672	2474709	110.51	44.93	-1	-1	2200	2300	1505	1970	-1	AGSP/FEID	MULT	50	SITE C
6904	WY	-432646	2482089	110.50	45.00	-1	-1	2200	2300	1626	1970	-1	AGSP/FEID	MULT	50	SITE D
6905	WY	-422773	2470416	110.37	44.90	-1	-1	2200	2300	1564	1970	-1	AGSP/FEID	MULT	50	SITE E
6906	WY	-411581	2470150	110.23	44.90	-1	-1	2200	2300	1485	1970	-1	AGSP/FEID	MULT	50	SITE F

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6907	WY	-425565	2466844	110.40	44.87	-1	-1	2200	2300	1716	1970	-1	AGSP/FEID	MULT	50	SITE G
6908	WY	-448144	2475496	110.69	44.93	-1	-1	2200	2300	1776	1970	0	AGSP/FEID	MULT	50	SITE B1
6909	WY	-442346	2473320	110.62	44.92	-1	-1	2200	2300	1603	1970	0	AGSP/FEID	MULT	50	SITE C1
6910	WY	-433672	2474709	110.51	44.93	-1	-1	2200	2300	1693	1970	0	AGSP/FEID	MULT	50	SITE C2
6911	WY	-433042	2474675	110.50	44.93	-1	-1	2200	2300	1706	1970	0	AGSP/FEID	MULT	50	SITE C3
6912	WY	-440957	2485790	110.61	45.03	-1	-1	2200	2300	1646	1970	0	AGSP/FEID	MULT	50	SITE D1
6913	WY	-425565	2466844	110.40	44.87	-1	-1	2200	2300	1773	1970	0	AGSP/FEID	MULT	50	SITE G1
7001	CA	-1512256	1801941	122.58	37.90	NE	2	61	402	1436	1850	0	SESE	SESE	6	SITE 1 - STUMPS 1-20
7002	CA	-1512256	1801941	122.58	37.90	NE	2	61	402	1612	1850	0	SESE	SESE	6	SITE 2- STUMPS 1-22
7101	CA	-1165351	1590112	118.28	36.50	NW	1	3330	3330	1729	1991	0	PICO	PICO	8	LB1
7102	CA	-1165351	1590112	118.28	36.50	WNW	1	3340	3340	1578	1991	0	PICO	PICO	8	LB2
7103	CA	-1165351	1590112	118.28	36.50	WNW	1	3350	3350	1729	1991	0	PIBL	PIBL	8	FB1
7104	CA	-1165351	1590112	118.28	36.50	SW	2	3330	3330	1737	1991	0	PIBL	PIBL	8	FB2
7105	CA	-1165351	1590112	118.28	36.50	WNW	2	3345	3345	1729	1991	0	PIBL/PICO	PIBL/PICO	8	MB1
7106	CA	-1165351	1590112	118.28	36.50	S	1	3355	3355	1826	1991	0	PIBL/PICO	PIBL/PICO	8	MB2
7201	CA	-1143961	2156149	118.91	41.50	M	-1	1850	1850	1597	1939	6	CADE/PILA	CADE/PILA	5	BEARSKIN CREEK PLOT 1
7202	CA	-1143961	2156149	118.91	41.50	-1	-1	1850	1850	1654	1939	16	PILA/ABCO/CADE	MULT	5	BEARSKIN CREEK PLOT 2
7203	CA	-1143961	2156149	118.91	41.50	-1	-1	1850	1850	1700	1939	3	PILA/ABCO/CADE	MULT	5	BEARSKIN CREEK PLOT 3
7204	CA	-1143961	2156149	118.91	41.50	SW	-1	1850	1850	1700	1939	-1	CADE/ABCO	SEGI	5	REDWOOD CREEK-W
7205	CA	-1143961	2156149	118.91	41.50	SE	-1	1850	1850	1700	1939	-1	ABCO	SEGI	5	REDWOOD CREEK - E
7206	CA	-1143961	2156149	118.91	41.50	M	-1	1850	1850	1700	1939	1030	ABCO	SEGI	5	REDWOOD CREEK - ENTIRE AREA
7207	CA	-1143961	2156149	118.91	41.50	M	-1	1850	1850	1700	1939	770	ABCO/CADE	MULT	5	BEARSKIN CREEK - ENTIRE AREA
7208	CA	-1143961	2156149	118.91	41.50	M	-1	1850	1850	1700	1939	1800	ABCO/CADE	MULT	5	ENTIRE AREA
7301	MN	791716	2778894	94.58	47.42	M	-1	1280	1375	1808	1931	486	ACSA/TIAM	MULT	99	STAR ISLAND
7401	CO	-47265	1990521	105.57	40.71	M	5	2500	2800	1708	1973	50	PIPO	PIPO	16	ENTIRE AREA
7402	CO	-47265	1990521	105.57	40.71	S	-1	2500	2800	1708	1973	-1	PIPO	PIPO	16	SOUTH ASPECTS
7403	CO	-47265	1990521	105.57	40.71	N	-1	2500	2800	1708	1973	-1	PIPO	PIPO	16	NORTH ASPECTS
7404	CO	-47265	1990521	105.57	40.71	-1	-1	2500	2600	1708	1973	-1	PIPO	PIPO	16	LOWER THIRD
7405	CO	-47265	1990521	105.57	40.71	-1	-1	2600	2700	1708	1973	-1	PIPO	PIPO	16	MIDDLE THIRD
7406	CO	-47265	1990521	105.57	40.71	-1	-1	2700	2800	1708	1973	-1	PIPO	PIPO	16	UPPER THIRD
7501	UT	-695841	1627639	112.99	37.26	-1	2	2195	2195	1501	1980	146	PIPO/QUGM	PIPO	19	CHURCH MESA
7502	UT	-695380	1642554	113.00	37.39	NNE	2	2225	2225	1501	1980	1	ABCO/PSME	PIPO	20	HORSE PASTURE CLUSTER 2
7503	UT	-695625	1640528	113.00	37.37	SE	1	2240	2240	1501	1980	1	PIPO/QUGM	PIPO	19	HORSE PASTURE CLUSTER 8
7504	UT	-696347	1639104	113.01	37.36	WSW	2	2208	2208	1501	1980	1	PIPO/QUGM	PIPO	19	HORSE PASTURE CLUSTER 10
7505	UT	-697145	1638947	113.02	37.36	W	1	2243	2243	1501	1980	1	PIPO/QUGM	PIPO	19	HORSE PASTURE CLUSTER 11
7506	UT	-695493	1639983	113.00	37.37	S	2	2065	2065	1501	1980	1	PIPO/QUGM	PIPO	19	HORSE PASTURE CLUSTER 12
7507	UT	-695505	1639826	113.00	37.37	SE	2	2018	2018	1501	1980	1	PIPO/QUGM	PIPO	19	HORSE PASTURE CLUSTER 13
7508	UT	-695916	1637906	113.00	37.35	NNE	2	2210	2210	1501	1980	1	PIPO/QUGM	PIPO	19	HORSE PASTURE CLUSTER 15
7509	UT	-694383	1637410	112.98	37.35	NE	2	2051	2051	1501	1980	1	PIPO/QUGM	PIPO	19	HORSE PASTURE CLUSTER 16
7510	UT	-694305	1636176	112.98	37.34	NNE	1	2021	2021	1501	1980	1	PIPO/QUGM	PIPO	19	HORSE PASTURE CLUSTER 17
7511	UT	-694467	1635213	112.98	37.33	F	1	2432	2432	1501	1980	1	PIPO/QUGM	PIPO	19	HORSE PASTURE CLUSTER 20
7512	UT	-694166	1632325	112.98	37.30	SE	2	2140	2140	1501	1980	1	PIPO/QUGM	QUGM	19	HORSE PASTURE CLUSTER 22
7513	UT	-693936	1630797	112.97	37.29	NNE	1	2134	2134	1501	1980	1	PIPO/QUGM	PIPO	19	HORSE PASTURE CLUSTER 23
7514	UT	-693861	1630634	112.97	37.29	N	1	2155	2155	1501	1980	1	PIPO/QUGM	PIPO	19	HORSE PASTURE CLUSTER 24
7601	ID	-898282	2539272	116.46	45.17	S	3	2073	2073	1814	1987	-1	ABLA/CARU	PSME	15	1
7602	ID	-898947	2539689	116.47	45.17	N	2	1915	1915	1889	1987	-1	ABLA/VAGL	LAOC	15	2
7603	ID	-899476	2539903	116.48	45.17	SW	3	1964	1964	1752	1987	-1	ABLA/CARU	LAOC	15	3
7604	ID	-899567	2540504	116.48	45.18	N	4	1661	1661	1752	1987	-1	ABGR/VAGL	LAOC	14	4
7605	ID	-899603	2540882	116.48	45.18	NW	2	1530	1530	1752	1987	-1	ABGR/VAGL	LAOC	14	5
7606	ID	-897721	2540049	116.46	45.18	NE	2	2109	2109	1814	1987	-1	ABLA/VAGL	PICO	15	6

Ref/ Site #	State	Albers-E	Albers-N	Lat.	Long.	Aspect	Slope	--Elev (m) - Low	High	—Year— Start	End	Area (ha)	Plant association	Community dominant	Küchler class	Site name
7607	ID	-896957	2540524	116.45	45.18	E	3	2076	2076	1913	1987	-1	ABLA/VAGL	PICO	15	7
7608	ID	-896940	2540677	116.45	45.18	NE	3	2064	2064	1913	1987	-1	ABLA/VAGL	PICO	15	8
7609	ID	-896631	2541327	116.45	45.19	N	3	2036	2036	1913	1987	-1	ABLA/VAGL	PICO	15	9
7610	ID	-893702	2543520	116.41	45.21	NW	2	2109	2109	1714	1987	-1	ABLA/CAGE	PICO	15	10
7611	ID	-895451	2543404	116.43	45.21	S	3	1818	1818	1817	1987	-1	PSME/AGSP	PICO	14	11
7612	ID	-895980	2543618	116.44	45.21	N	3	1721	1721	1817	1987	-1	ABGR/VAGL	ABGR	14	12
7613	ID	-896147	2543543	116.44	45.21	S	2	1721	1721	1817	1987	-1	ABGR/SPBE	PIPO	14	13
7614	ID	-896285	2543714	116.44	45.21	S	2	1770	1770	1817	1987	-1	ABGR/SPBE	PIPO	14	14
7615	ID	-892069	2545422	116.39	45.23	SW	2	2109	2109	1817	1987	-1	ABLA/CAGE	PICO	15	15
7616	ID	-892232	2545377	116.40	45.23	SW	2	2085	2085	1817	1987	-1	ABLA/CAGE	PICO	15	16
7617	ID	-893242	2546236	116.41	45.24	SW	4	1733	1733	1785	1987	-1	ABGR/VAGL	LAOC	14	17
7618	ID	-893875	2546213	116.42	45.23	NW	3	1879	1879	1857	1987	-1	ABGR/VAGL	LAOC	14	18
7619	ID	-893960	2546160	116.42	45.23	NW	2	1721	1721	1814	1987	-1	ABGR/VAGL	LAOC	14	19
7620	ID	-894337	2546327	116.42	45.24	NE	2	1606	1606	1814	1987	-1	PSME/PHMA	PIPO	14	20
7621	ID	-895391	2546786	116.44	45.24	S	2	1503	1503	1752	1987	-1	PSME/PHMA	PIPO	14	21
7622	ID	-895466	2546110	116.44	45.23	N	3	1321	1321	1913	1987	-1	ABGR/COOC	LAOC	14	22
7623	ID	-895910	2545663	116.44	45.23	SW	2	1267	1267	1752	1987	-1	ABGR/SPBE	PIPO	14	23
7624	ID	-895600	2543482	116.44	45.21	S	5	1503	2073	1752	1987	-1	MULT	MULT	14	5 SOUTH EXPOSURE STANDS
7625	ID	-895597	2543513	116.44	45.21	M	5	1321	2109	1752	1987	-1	MULT	MULT	14	18 NORTH EXPOSURE STANDS
7701	CA	-1080456	1318738	116.97	34.21	M	5	1500	2700	-1	1974	-1	PIPO	PIPO	5	SAN BERNARDINO MTS-LOW ELEV
7702	CA	-1080456	1318738	116.97	34.21	M	5	2700	3500	-1	1974	-1	PIPO	PIJE	5	SAN BERNARDINO MTS. - HIGH ELEV.
7801	CA	-1080456	1318738	116.97	34.21	M	5	1500	2700	1797	1965	-1	PIPO	PIPO	5	SAN BERNARDINO MTS-LOW ELEV.
7802	CA	-1080456	1318738	116.97	34.21	M	5	2700	3500	1797	1965	-1	PIPO	PIJE	5	SAN BERNARDINO MTS. - HIGH ELEV.
7901	CA	-1377534	1938149	121.29	39.28	-1	1	500	500	1681	1982	5	QUDO	QUDO	30	KOCH
8001	MT	-714550	2641493	114.25	46.25	M	5	1260	1400	1680	1980	-1	ABGR/PIEN/ABLA	MULT	15	BITTERROOT CANYONS
8101	MT	-673093	2715853	113.80	46.95	NE	2	2061	2061	1500	1981	-1	ABLA	PIAL	15	1
8102	MT	-672938	2715871	113.80	46.95	E	3	2000	2000	1834	1981	-1	ABLA	PIAL/PICO	15	2
8103	MT	-672701	2715943	113.79	46.95	SW	1	1988	1988	1541	1981	-1	ABLA	PIAL	15	3
8104	MT	-672627	2715906	113.79	46.95	SSE	2	1976	1976	1834	1981	-1	ABLA	PIAL	15	4
8105	MT	-672635	2715814	113.79	46.95	E	2	1927	1927	1834	1981	-1	ABLA	PICO	15	5
8106	MT	-672556	2715838	113.79	46.95	SW	2	1909	1909	1757	1981	-1	ABLA	PIAL	15	6
8107	MT	-672554	2715869	113.79	46.95	SSW	2	1939	1939	1757	1981	-1	ABLA	PIAL	15	7
8108	MT	-672556	2715838	113.79	46.95	SE	2	1906	1906	1772	1981	-1	ABLA	PSME	15	8
8109	MT	-672472	2715924	113.79	46.95	SE	3	1939	1939	1757	1981	-1	ABLA	PSME	15	9
8110	MT	-671961	2715603	113.78	46.95	E	2	1758	1758	1500	1981	-1	ABLA	LAOC	15	10
8201	CO	-49935	1917955	105.59	40.07	S	2	3231	3353	1362	1962	54	ABLA/PIEN	ABLA	15	LONG LAKE
8301	TX	164104	698235	103.29	29.25	-1	-1	2075	2075	1780	1940	-1	CUAR/ACGR	MULT	31	BOOT SPRINGS
8302	TX	164104	698235	103.29	29.25	-1	-1	2075	2075	-1	1940	-1	CUAR/ACGR	CUAR/POIN	31	EMORY PEAK
8303	TX	164104	698235	103.29	29.25	-1	-1	2033	2033	1780	1940	-1	CUAR/ACGR	CUAR/ACGR	31	BOOT ROCK
8304	TX	164104	698235	103.29	29.25	-1	-1	2075	2075	-1	1940	-1	CUAR/ACGR	MULT	31	CORRAL
8305	TX	164104	698235	103.29	29.25	-1	-1	2075	2075	1733	1940	-1	CUAR/ACGR	PICE/MUEM	31	SOUTH RIM
8306	TX	164104	698235	103.29	29.25	-1	-1	2075	2075	1733	1940	-1	CUAR/ACGR	PICE/MUEM	31	EAST RIM
8307	TX	164104	698235	103.29	29.25	-1	-1	2075	2075	1900	1940	-1	CUAR/ACGR	PICE/MUEM	31	LOST MINE TRAIL
8308	TX	164104	698235	103.29	29.25	-1	-1	2075	2075	1773	1940	-1	CUAR/ACGR	PICE/MUEM	31	ENTIRE AREA
8401	WY	-357137	2457968	109.53	44.82	-1	5	2300	2800	1595	1988	750	ABLA	PIAL/ABLA	15	RUSSELL PEAK
8501	WY	-459240	2358795	110.75	43.88	-1	-1	-1	-1	1765	1890	-1	PSME	PICO/PSME	15	TIMBERED ISLAND
8502	WY	-459240	2358795	110.75	43.88	-1	-1	-1	-1	1865	1890	-1	PSME	PICO/PSME	15	OXBOW
8503	WY	-459240	2358795	110.75	43.88	-1	-1	-1	-1	1879	1890	-1	PSME	PICO/PSME	15	JACKSON LAKE MORRAINE
8504	WY	-459240	2358795	110.75	43.88	-1	-1	-1	-1	1890	1890	-1	PSME	PICO/PSME	15	BURNT RIDGE

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8601	CA	-1197257	1587783	118.64	36.44	N	3	2680	2680	1700	1979	1	ABMA/PIMO	ABMA/PIMO	7	MINERAL KING PLOT 1
8602	CA	-1197332	1587887	118.64	36.44	N	3	2480	2480	1700	1979	0	ABMA/PIMO	MULT	7	MINERAL KING PLOT 2
8603	CA	-1196027	1587681	118.63	36.44	N	2	2660	2660	1700	1979	0	ABMA/PIMO	ABMA/PIMO	7	MINERAL KING PLOT 3
8604	CA	-1196550	1587751	118.63	36.44	N	-1	2480	2680	1700	1979	30	ABMA/PIMO	ABMA/PIMO	7	MINERAL KING ENTIRE AREA
8701	CA	-1263931	1719461	119.60	37.52	-1	-1	1950	1950	450	1880	-1	ABCO	SEGI	5	MARIPOSA GROVE
8801	ID	-842602	2686549	115.96	46.54	-1	-1	-1	-1	1782	1935	8	ABGR	PIMO	14	OROFINO PLOT
8901	CA	-1565164	2021006	123.64	39.73	M	5	579	640	1819	1950	19	SESE	SESE	6	BARNWELL CREEK
9001	TX	14689	1000061	104.84	31.94	M	5	2210	2644	1859	1909	-1	PIPO/PIFL	PIPO	19	ENTIRE AREA
9101	WY	-469384	2427270	110.93	44.49	M	-1	2300	2500	1630	1932	2540	ABLA/PIEN	PICO	15	PICO NORTHEAST
9102	WY	-472471	2423320	110.96	44.45	M	-1	2450	2650	1630	1949	3610	ABLA/PIEN	ABLA	15	ABLA-SOUTHWEST
9103	WY	-470436	2425561	110.94	44.47	M	-1	2300	2650	1630	1949	7320	ABLA/PIEN	PICO	15	ENTIRE AREA
9201	CO	-50077	1951284	105.60	40.37	-1	-1	2597	2597	1617	1940	-1	PSME	PIPO	18	TUXEDO PARK
9202	CO	-50077	1951284	105.60	40.37	-1	-1	2597	2597	1492	1940	-1	PSME	PIPO	18	EAGLE PEAK
9203	CO	-50077	1951284	105.60	40.37	-1	-1	2597	2597	1740	1940	-1	PSME	PIPO	18	BEAVER MEADOWS
9204	CO	-50077	1951284	105.60	40.37	-1	-1	2597	2597	1734	1940	-1	PSME	PIPO	18	BIGHORN RS- HORSESHOE PARK
9205	CO	-50077	1951284	105.60	40.37	-1	-1	2597	2597	1523	1940	-1	PSME	PIPO	18	S. LAT. MORAINE-HOLLOWELL PK
9206	CO	-50077	1951284	105.60	40.37	-1	-1	2597	2597	1621	1940	-1	PSME	PIPO	18	LILLY MT.
9207	CO	-50077	1951284	105.60	40.37	-1	-1	2597	2597	1561	1940	-1	PSME	PIPO	18	LUMPY RIDGE
9208	CO	-50077	1951284	105.60	40.37	-1	-1	2597	2597	1746	1940	-1	PSME	PIPO	18	THOMPSON PARK
9209	CO	-50077	1951284	105.60	40.37	-1	-1	2597	2597	1750	1940	-1	PSME	PIPO	18	DEER MT.
9210	CO	-50077	1951284	105.60	40.37	-1	-1	2597	2597	1658	1940	-1	PSME	PIPO	18	DEER RIDGE
9301	NM	-351888	1444436	108.97	35.82	M	1	2700	2700	1392	1986	6500	PIPO	PIPO	19	ENTIRE AREA
9401	MN	956722	2717773	92.52	46.71	F	1	384	384	1620	1890	-1	ACSA	PIRE	99	CLOQUET FOR EXP STN
9501	CA	-1065770	1274398	116.75	33.83	-1	-1	2500	3324	1652	1955	1100	ABCO	PIPO	5	ENTIRE AREA
9601	MT	-694344	2921704	114.32	48.80	M	5	1067	1280	1706	1973	7130	ABLA/PSME	ABLA	15	ENTIRE AREA
9602	MT	-694344	2921704	114.32	48.80	M	5	1067	1280	1706	1973	-1	PSME	PSME	12	STAND 1
9603	MT	-694344	2921704	114.32	48.80	M	5	1067	1280	1706	1973	-1	PSME	PSME	12	STAND 2
9604	MT	-694344	2921704	114.32	48.80	M	5	1067	1280	1706	1973	-1	PSME	PSME	12	STAND 3
9701	CO	-48868	1942986	105.58	40.29	M	5	3048	4267	1703	1968	9238	ABLA/PIEN	PICO	15	LONGS PEAK STUDY AREA
9801	MT	-673226	2877066	113.98	48.41	SW	-1	1050	1050	1735	1944	-1	ABLA	ABLA	15	A
9802	MT	-673226	2877066	113.98	48.41	WSW	-1	1000	1000	1735	1946	-1	ABLA	ABLA	15	B
9803	MT	-673226	2877066	113.98	48.41	SW	-1	1425	1425	1735	1976	-1	ABLA	ABLA	15	C1
9804	MT	-673226	2877066	113.98	48.41	M	-1	1275	1275	1735	1955	-1	ABLA	ABLA	15	C2
9805	MT	-673226	2877066	113.98	48.41	SW	-1	1500	1500	1735	-1	-1	ABLA	ABLA	15	C3
9806	MT	-673226	2877066	113.98	48.41	S	-1	1275	1275	1735	1976	-1	ABLA	ABLA	15	D1
9807	MT	-673226	2877066	113.98	48.41	NE	-1	1200	1200	1735	1976	-1	PSME/PHMA	PSME	12	D2
9808	MT	-673226	2877066	113.98	48.41	M	-1	1125	1125	1735	1945	-1	PSME/PHMA	PSME	12	D3
9809	MT	-673226	2877066	113.98	48.41	M	-1	1125	1275	1735	1944	-1	PSME/PHMA	PSME	12	E
9810	MT	-673226	2877066	113.98	48.41	M	-1	1125	1350	1710	1976	-1	ABLA	ABLA	15	F
9811	MT	-673226	2877066	113.98	48.41	ENE	-1	1125	1200	1735	1945	-1	ABLA	ABLA	15	G
9812	MT	-673226	2877066	113.98	48.41	M	-1	1125	1350	1735	1974	-1	ABLA	ABLA	15	H
9813	MT	-673226	2877066	113.98	48.41	SE	-1	1425	1425	1718	1976	-1	ABLA	ABLA	15	I1
9814	MT	-673226	2877066	113.98	48.41	M	-1	1350	1500	1735	1974	-1	ABLA	ABLA	15	I2
9815	MT	-673226	2877066	113.98	48.41	M	-1	1425	1500	1735	1976	-1	ABLA	ABLA	15	J
9816	MT	-673226	2877066	113.98	48.41	ENE	-1	1725	1725	1735	1976	-1	ABLA/XETE	ABLA	15	K
9817	MT	-673226	2877066	113.98	48.41	M	-1	1575	1650	1735	1976	-1	ABLA	ABLA	15	L1
9818	MT	-673226	2877066	113.98	48.41	M	-1	1650	1650	1735	1970	-1	ABLA	ABLA	15	L2
9819	MT	-673226	2877066	113.98	48.41	NE	-1	1800	1875	1735	1976	-1	ABLA/XETE	ABLA	15	M1
9820	MT	-673226	2877066	113.98	48.41	-1	-1	1875	1875	1735	1976	-1	ABLA/XETE	ABLA	15	M2
9821	MT	-673226	2877066	113.98	48.41	NE	-1	1725	1725	1735	1976	-1	ABLA/XETE	ABLA	15	M3

Ref/ Site #	State	Albers-E	Albers-N	Lat.	Long.	Aspect	Slope	–Elev (m) – Low	High	—Year— Start	End	Area (ha)	Plant association	Community dominant	Küchler class	Site name
9822	MT	-673226	2877066	113.98	48.41	-1	-1	-1	-1	1735	1962	-1	ABLA	ABLA	15	N
9823	MT	-673226	2877066	113.98	48.41	-1	-1	-1	-1	1735	1968	-1	ABLA	ABLA	15	O
9824	MT	-673226	2877066	113.98	48.41	-1	-1	-1	-1	1735	1965	-1	ABLA	ABLA	15	P
9825	MT	-673226	2877066	113.98	48.41	-1	-1	-1	-1	1735	1968	-1	ABLA	ABLA	15	Q
9826	MT	-673226	2877066	113.98	48.41	-1	-1	-1	-1	1735	1965	-1	ABLA	ABLA	15	R
9827	MT	-673226	2877066	113.98	48.41	-1	-1	-1	-1	1735	1960	-1	ABLA	ABLA	15	S
9828	MT	-673226	2877066	113.98	48.41	-1	-1	-1	-1	1735	1952	-1	ABLA/LIBO	ABLA	15	T
9901	MN	744899	2749229	95.23	47.19	-1	-1	457	457	1714	1951	-1	ACSA	PIBA	95	SECTION 16
10001	ID	-869458	2389832	115.90	43.86	-1	-1	1402	1402	1685	1892	-1	PSME	PSME	11	SAMPLE SITE 1
10002	ID	-871895	2382785	115.92	43.80	-1	-1	1774	1774	1764	1892	-1	PSME	PSME	11	SAMPLE SITE 2
10003	ID	-866985	2390412	115.87	43.87	-1	-1	1524	1524	1832	1892	-1	PSME	PSME	11	SAMPLE SITE 3
10004	ID	-865789	2390317	115.85	43.87	-1	-1	1516	1516	1643	1932	-1	PSME	PSME	11	SAMPLE SITE 4
10005	ID	-871168	2384331	115.91	43.81	-1	-1	1715	1715	1783	1932	-1	PSME	PSME	11	SAMPLE SITE 5
10006	ID	-866176	2389702	115.86	43.87	-1	-1	1478	1478	1737	1932	-1	PSME	PSME	11	SAMPLE SITE 6
10007	ID	-871032	2384098	115.91	43.81	-1	-1	1707	1707	1602	1895	-1	PSME	PSME	11	SAMPLE SITE 7
10101	UT	-625477	1661862	112.21	37.61	-1	-1	2469	2469	1636	1980	-1	PIPO	PIPO	10	WHITMAN SPRING
10102	UT	-451011	1650552	110.20	37.60	-1	-1	-1	-1	1599	1980	-1	PIPO	PIPO	10	SEILER MILL
10103	UT	-678535	1646074	112.81	37.43	-1	-1	2134	2134	1519	1968	-1	PIPO	PIPO	10	STRAIGHT CANYON
10201	CA	-1205467	1602055	118.75	36.56	NW	1	2104	2104	1518	1863	2	ABCO	SEGI	5	CATTEL CABIN
10301	CA	-1591956	2088428	124.10	40.27	S	-1	-1	-1	1726	1940	368	SESE	SESE	6	HARPER CREEK
10302	CA	-1591956	2088428	124.10	40.27	S	-1	-1	-1	1726	1940	337	SESE	SESE	6	CALF CREEK
10303	CA	-1591956	2088428	124.10	40.27	SE	-1	-1	-1	1726	1940	397	SESE	SESE	6	WEST COW CREEK
10304	CA	-1591956	2088428	124.10	40.27	M	-1	-1	-1	1726	1940	433	SESE	SESE	6	EAST COW CREEK
10305	CA	-1591956	2088428	124.10	40.27	NE	-1	-1	-1	1726	1940	286	SESE	SESE	6	TEPEE CREEK
10306	CA	-1591956	2088428	124.10	40.27	N	-1	-1	-1	1726	1940	190	SESE	SESE	6	CONNICK CREEK
10307	CA	-1591956	2088428	124.10	40.27	N	-1	-1	-1	1726	1940	223	SESE	SESE	6	MILLER CREEK
10308	CA	-1591956	2088428	124.10	40.27	NW	-1	-1	-1	1726	1940	261	SESE	SESE	6	LOWER E. SQUAW CREEK
10309	CA	-1591956	2088428	124.10	40.27	M	-1	-1	-1	1726	1940	410	SESE	SESE	6	UPPER E. SQUAW CREEK
10310	CA	-1591956	2088428	124.10	40.27	M	-1	-1	-1	1726	1940	257	SESE	SESE	6	LOWER W. SQUAW CREEK
10311	CA	-1591956	2088428	124.10	40.27	M	-1	-1	-1	1726	1940	348	SESE	SESE	6	UPPER W. SQUAW CREEK
10312	CA	-1591956	2088428	124.10	40.27	M	-1	-1	-1	1330	1940	3510	SESE	SESE	6	ENTIRE AREA
10401	NM	-315968	1152067	108.45	33.24	M	5	2354	2354	1616	1980	41	PIPO	PIPO	19	MCKENNA PARK
10402	NM	-321539	1155237	108.51	33.27	M	1	2438	2438	1570	1980	47	PIPO	PIPO	19	LANGSTROTH MESA
10403	NM	-324497	1173039	108.55	33.43	S	1	2500	2500	1640	1980	41	PIPO	PIPO	19	GILITA RIDGE
10501	CA	-1264211	1719343	119.60	37.52	M	-1	1829	2076	553	1980	259	ABAM	SEGI	5	MARIPOSA GROVE
10601	AZ	-399784	1014541	109.30	32.00	M	5	2073	2103	1604	1924	65	PSME	PIPO	19	UPPER CANYON
10602	AZ	-400593	1015202	109.31	32.00	M	5	1859	1981	1606	1924	32	PSME	PIPO	19	MIDDLE CANYON
10603	AZ	-402896	1015706	109.34	32.01	M	5	1646	1859	1632	1924	8	PSME	PIPO	19	LOWER CANYON
10604	AZ	-400593	1015202	109.31	32.00	M	5	1646	2103	1604	1924	356	PSME	PIPO	19	WHOLE CANYON
10701	CA	-1444452	1591357	121.42	36.16	N	-1	1788	1788	1743	1977	0	PILA/PICU/QUCH	MULT	34	JUNIPERO SERRA PEAK PLOT 3
10702	CA	-1444452	1591357	121.42	36.16	N	-1	1788	1788	1688	1977	0	PILA/PICU/QUCH	MULT	34	JUNIPERO SERRA PEAK PLOT 5
10703	CA	-1444452	1591357	121.42	36.16	N	-1	1788	1788	1640	1977	0	PILA/PICU/QUCH	MULT	34	JUNIPERO SERRA PEAK PLOT 6
10704	CA	-1444452	1591357	121.42	36.16	N	-1	1788	1788	1795	1977	0	PILA/PICU/QUCH	MULT	34	JUNIPERO SERRA PEAK PLOT 8
10705	CA	-1444452	1591357	121.42	36.16	N	-1	1788	1788	1671	1977	0	PILA/PICU/QUCH	MULT	34	JUNIPERO SERRA PEAK PLOT 10
10706	CA	-1444452	1591357	121.42	36.16	N	-1	1788	1788	1812	1977	0	PILA/PICU/QUCH	MULT	34	JUNIPERO SERRA PEAK PLOT 12
10707	CA	-1444452	1591357	121.42	36.16	N	-1	1788	1788	1640	1977	0	PILA/PICU/QUCH	MULT	34	ENTIRE AREA
10801	WY	-428563	2435381	110.42	44.58	-1	-1	2438	2500	1665	1966	-1	ABLA	PICO	15	ENTIRE AREA
10901	CA	-1342972	2064061	121.12	40.43	W	1	1963	1963	1740	1985	3	ABMA	ABMA	34	PLOT 1
10902	CA	-1342972	2064061	121.12	40.43	E	1	1954	1954	1797	1985	3	ABMA	ABMA	34	PLOT 2
10903	CA	-1342972	2064061	121.12	40.43	M	-1	1958	1958	1740	1985	400	ABMA	ABMA	34	ENTIRE AREA

Ref/ Site #	State	Albers-E	Albers-N	Lat.	Long.	Aspect	Slope	--Elev (m) - Low	High	---Year--- Start	End	Area (ha)	Plant association	Community dominant	Küchler class	Site name
11001	CA	-1342972	2064061	121.12	40.43	NNW	1	1970	1970	1740	1990	1	ABCO	ABMA	7	PLOT 1
11002	CA	-1342972	2064061	121.12	40.43	E	1	1910	1910	1668	1990	0	ABCO	ABMA	7	PLOT 2
11101	CA	-1560673	2254825	124.10	41.78	W	-1	76	107	1880	1880	1	SESE	SESE	6	MILL CREEK
11201	CA	-1561125	2226457	124.04	41.53	F	-1	76	76	972	1972	1	SESE	SESE	6	PLOT 1
11202	CA	-1561125	2226457	124.04	41.53	N	-1	46	46	973	1973	1	SESE	SESE	6	PLOT 2
11203	CA	-1561125	2226457	124.04	41.53	SW	-1	152	152	971	1971	1	SESE	SESE	6	PLOT 3
11204	CA	-1561125	2226457	124.04	41.53	WSW	-1	31	30	972	1972	1	SESE	SESE	6	PLOT 4
11205	CA	-1561125	2226457	124.04	41.53	SSW	-1	61	61	974	1974	1	SESE	SESE	6	PLOT 7
11206	CA	-1561125	2226457	124.04	41.53	WNW	-1	61	61	974	1974	1	SESE	SESE	6	PLOT 8
11207	CA	-1561125	2226457	124.04	41.53	SW	-1	31	30	977	1977	1	SESE	SESE	6	PLOT 9
11208	CA	-1561125	2226457	124.04	41.53	W	-1	76	76	976	1976	1	SESE	SESE	6	PLOT 12
11209	CA	-1561125	2226457	124.04	41.53	S	-1	152	152	977	1977	1	SESE	SESE	6	PLOT 13
11301	CA	-1194916	1627275	118.67	36.79	M	5	1370	1400	1775	1909	160	PIPO/PIJE	PIPO	5	CEDAR GROVE
11401	AZ	-462027	1260147	110.10	34.14	SSE	1	1850	1850	1790	1949	0	PIPO	PIPO	19	FORESTDALE
11402	AZ	-432126	1214644	109.75	33.75	SW	1	2402	2402	1838	1950	0	PSME	PIPO	18	HEAD OF CORN CREEK
11403	AZ	-421633	1211026	109.63	33.73	-1	-1	2499	2499	1837	1950	0	PSME	PIPO	18	ODART BUTTE
11404	AZ	-416706	1076143	109.52	32.54	-1	-1	2225	2225	1830	1950	0	PSME	PIPO	18	MCDONALD RIDGE
11405	AZ	-630771	1561309	112.20	36.72	N	-1	2353	2353	1629	1950	0	PSME	PIPO	18	JACOBS LAKE
11501	CA	-1509207	2181505	123.32	41.22	N	3	900	900	1740	1987	-1	PSME	MULT	5	SITE 1
11502	CA	-1510517	2179836	123.33	41.20	N	3	980	980	1740	1987	-1	PSME	MULT	5	SITE 2
11503	CA	-1512389	2181125	123.36	41.21	N	3	975	975	1740	1987	-1	PSME	MULT	5	SITE 3
11504	CA	-1510020	2182603	123.33	41.23	N	3	952	952	1740	1987	-1	PSME	MULT	5	ENTIRE AREA
11601	CA	-1317092	2139276	120.95	41.13	-1	-1	1350	1430	1645	1855	250	JUOC	JUOC	23	JUNIPER HILL

APPENDIX D: LISTING OF THE REGIME FILE (FHREGIME.DB)

(-1 indicates no data).

Site #	—Year— Start	End	Regime (severity)	Regime (char.)	Fire freq. (yrs)	Frequency computat.	Fire evidence	Cross-dated?	# of Trees	# of Fires
101	1730	1800	MOD	3	113	NFR	ORIGIN	NO	9	2
201	1520	1900	HIGH	5	1042	NFR	ORIGIN	NO	-1	9
301	1763	1904	LOW	2	9	P	SCAR	NO	1	11
401	1650	1930	MOD	3	37	NFR	BOTH	NO	-1	-1
402	1650	1930	MOD	3	43	NFR	BOTH	NO	-1	-1
403	1650	1930	MOD	3	61	NFR	BOTH	NO	-1	-1
404	1650	1930	MOD	3	64	NFR	BOTH	NO	-1	-1
405	1400	1500	MOD	3	100	NFR	BOTH	NO	-1	1
405	1500	1600	MOD	3	-1	NFR	BOTH	NO	-1	0
405	1600	1700	MOD	3	81	NFR	BOTH	NO	-1	2
405	1700	1800	MOD	3	93	NFR	BOTH	NO	-1	3
405	1800	1900	MOD	3	34	NFR	BOTH	NO	-1	7
405	1480	1900	MOD	3	67	NFR	BOTH	NO	-1	13
406	1760	1900	MOD	2	16	CFI(2)	BOTH	NO	13	8
501	1573	1985	MOD	3	182	NFR	BOTH	NO	-1	5
502	1573	1985	MOD	3	107	NFR	BOTH	NO	-1	9
503	1573	1985	MOD	3	97	NFR	BOTH	NO	-1	4
504	1573	1985	MOD	3	65	NFR	BOTH	NO	-1	14
505	1573	1985	MOD	3	120	NFR	BOTH	NO	-1	5
506	1600	1699	MOD	3	100	NFR	BOTH	NO	-1	1
506	1700	1799	MOD	3	208	NFR	BOTH	NO	-1	3
506	1800	1899	MOD	3	60	NFR	BOTH	NO	-1	16
506	1900	1985	MOD	3	103	NFR	BOTH	NO	-1	8
506	1573	1985	MOD	3	100	NFR	BOTH	NO	-1	29
507	1573	1985	MOD	3	52	MFRI	BOTH	NO	-1	-1
508	1573	1985	MOD	3	76	MFRI	BOTH	NO	-1	-1
509	1573	1985	MOD	3	93	MFRI	BOTH	NO	-1	-1
510	1573	1985	MOD	3	137	MFRI	BOTH	NO	-1	-1
511	1573	1985	HIGH	5	108	MFRI	BOTH	NO	-1	-1
512	1573	1985	HIGH	5	137	MFRI	BOTH	NO	-1	-1
513	1573	1985	HIGH	5	109	MFRI	BOTH	NO	-1	-1
601	1748	1902	LOW	2	6	MFRI	SCAR	NO	18	25
602	1748	1902	LOW	2	9	MFRI	SCAR	NO	20	19
603	1748	1902	LOW	2	9	MFRI	SCAR	NO	10	16
701	1650	1980	MOD	3	96	MFRI	ORIGIN	NO	-1	18
702	1530	1980	MOD	3	111	MFRI	ORIGIN	NO	-1	11
703	1657	1980	MOD	3	118	MFRI	ORIGIN	NO	-1	9
704	1566	1980	MOD	3	94	MFRI	ORIGIN	NO	-1	7
705	1581	1980	MOD	3	104	MFRI	ORIGIN	NO	-1	4
706	1530	1980	MOD	3	144	MFRI	ORIGIN	NO	-1	5
801	1790	1900	LOW	2	9	P	SCAR	NO	1	11
901	1300	1969	HIGH	5	-1	-1	ORIGIN	NO	-1	4
1001	1601	1960	LOW	2	17	P	SCAR	NO	75	-1
1002	1509	1959	LOW	2	14	P	SCAR	NO	123	-1
1003	1540	1941	LOW	2	25	P	SCAR	NO	64	-1
1004	1614	1934	LOW	2	30	P	SCAR	NO	43	-1
1101	1840	1900	HIGH	4	10	CFI()	SCAR	YES	-1	3
1102	1821	1900	HIGH	4	-1	-1	SCAR	YES	-1	2
1103	1821	1900	HIGH	4	-1	-1	SCAR	YES	-1	1
1201	1200	1900	MOD	3	97	NFR	BOTH	NO	404	11
1202	1150	1900	MOD	5	115	NFR	BOTH	NO	577	18
1301	1435	1900	MOD	5	81	MFRI	BOTH	NO	-1	25
1302	1435	1900	MOD	3	63	MFRI	BOTH	NO	-1	26
1401	1560	1900	LOW	2	14	P	SCAR	YES	35	25
1402	1600	1900	LOW	2	26	P	SCAR	YES	48	12
1403	1780	1900	LOW	2	12	P	SCAR	YES	31	11
1501	1750	1900	LOW	2	20	CFI(7)	SCAR	YES	-1	8
1601	1527	1900	MOD	5	-1	-1	BOTH	NO	40	6
1602	1803	1900	MOD	5	-1	-1	BOTH	NO	5	3
1603	1233	1900	MOD	5	-1	-1	BOTH	NO	13	5
1604	1413	1900	MOD	5	-1	-1	BOTH	NO	-1	3
1605	1482	1900	HIGH	6	-1	-1	BOTH	NO	-1	1
1606	1150	1900	HIGH	6	-1	-1	BOTH	NO	-1	1

Site #	—Year— Start	End	Regime (severity)	Regime (char.)	Fire freq. (yrs)	Frequency computat.	Fire evidence	Cross-dated?	# of Trees	# of Fires
1701	1205	1900	HIGH	6	383	NFR	ORIGIN	NO	556	14
1701	1200	1299	HIGH	6	213	NFR	ORIGIN	NO	-1	1
1701	1300	1399	HIGH	6	882	NFR	ORIGIN	NO	-1	1
1701	1400	1499	HIGH	6	386	NFR	ORIGIN	NO	-1	1
1701	1500	1599	HIGH	6	388	NFR	ORIGIN	NO	-1	1
1701	1600	1699	HIGH	6	307	NFR	ORIGIN	NO	-1	2
1701	1700	1799	HIGH	6	1033	NFR	ORIGIN	NO	-1	1
1701	1800	1899	HIGH	6	323	NFR	ORIGIN	NO	-1	6
1702	1205	1978	HIGH	6	435	NFR	ORIGIN	NO	-1	-1
1801	1740	1900	MOD	3	80	CFI(25)	BOTH	NO	17	2
1901	1306	1900	MOD	3	90	CFI(10)	SCAR	YES	6	6
1902	1324	1900	MOD	3	80	CFI(7)	SCAR	YES	20	7
1903	1504	1900	MOD	3	60	CFI(6)	SCAR	YES	8	5
2001	1628	1902	MOD	3	35	CFI(1)	SCAR	NO	11	7
2101	1721	1900	HIGH	4	88	CFI(1)	ORIGIN	NO	9	3
2102	1866	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	3	1
2103	1566	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	1	1
2104	1891	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	4	1
2105	1861	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	5	1
2106	1860	1900	HIGH	4	30	CFI(1)	ORIGIN	NO	2	2
2107	1860	1900	HIGH	4	20	CFI(1)	ORIGIN	NO	2	2
2108	1864	1900	HIGH	4	17	CFI(1)	ORIGIN	NO	7	3
2109	1859	1900	HIGH	4	12	CFI(1)	ORIGIN	NO	6	2
2110	1858	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	2	1
2111	1896	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	7	1
2112	1857	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	4	1
2113	1889	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	3	1
2114	1889	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	4	1
2115	1860	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	1	1
2116	1891	1900	HIGH	4	-1	CFI(1)	ORGIN	NO	2	1
2117	1881	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	1	1
2118	1837	1900	HIGH	4	22	CFI(1)	ORIGIN	NO	4	2
2119	1836	1900	HIGH	4	25	CFI(1)	ORIGIN	NO	2	2
2120	1866	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	1	1
2121	1818	1900	HIGH	4	20	CFI(1)	ORIGIN	NO	2	2
2122	1601	1900	HIGH	4	285	CFI(1)	ORIGIN	NO	2	2
2123	1884	1900	HIGH	4	-1	CFI(1)	ORIGIN	NO	2	1
2124	1738	1900	HIGH	4	144	CFI(1)	ORIGIN	NO	6	2
2125	1847	1900	HIGH	4	42	CFI(1)	ORIGIN	NO	6	2
2201	1800	1902	MOD	3	-1	-1	ORIGIN	NO	80	4
2301	1552	1900	MOD	3	95	P	BOTH	NO	6	5
2302	1504	1900	MOD	3	150	P	BOTH	NO	2	3
2303	1554	1900	MOD	3	66	P	BOTH	NO	1	6
2304	1502	1900	MOD	3	125	P	BOTH	NO	6	5
2305	1701	1900	MOD	3	45	P	BOTH	NO	3	5
2401	1774	1900	LOW	2	8	CFI(30)	SCAR	NO	10	22
2402	1700	1900	LOW	2	-1	-1	SCAR	NO	12	15
2403	1700	1900	LOW	2	-1	-1	SCAR	NO	24	-1
2404	1700	1900	HIGH	5	-1	-1	SCAR	NO	27	0
2405	1700	1900	LOW	2	-1	-1	SCAR	NO	7	-1
2501	1715	1915	LOW	2	8	CFI(18)	SCAR	NO	10	25
2502	1715	1915	LOW	2	9	CFI(18)	SCAR	NO	9	22
2503	1715	1915	LOW	2	11	CFI(27)	SCAR	NO	10	18
2504	1715	1915	LOW	2	7	CFI(45)	SCAR	NO	8	28
2505	1715	1915	MOD	3	100	CFI()	SCAR	NO	2	2
2506	1715	1915	MOD	3	100	CFI()	SCAR	NO	2	2
2507	1715	1915	LOW	2	17	CFI(18)	SCAR	NO	10	12
2508	1715	1915	LOW	2	8	CFI(9)	SCAR	NO	10	26
2509	1715	1915	LOW	2	33	CFI(45)	SCAR	NO	2	6
2510	1715	1915	LOW	1	67	CFI(18)	SCAR	NO	1	3
2601	1565	1900	MOD	3	48	P	SCAR	NO	1	6
2602	1663	1900	LOW	2	15	P	SCAR	NO	1	14
2603	1641	1900	LOW	2	12	P	SCAR	NO	1	18

Site #	—Year— Start	End	Regime (severity)	Regime (char.)	Fire freq. (yrs)	Frequency computat.	Fire evidence	Cross-dated?	# of Trees	# of Fires
2604	1447	1900	LOW	2	18	P	SCAR	NO	1	15
2701	1518	1900	HIGH	5	490	NFR	ORIGIN	NO	-1	6
2702	1518	1900	HIGH	5	2010	NFR	ORIGIN	NO	-1	7
2703	1518	1900	HIGH	5	450	NFR	ORIGIN	NO	-1	10
2704	1518	1900	HIGH	5	472	NFR	ORIGIN	NO	-1	8
2705	1518	1900	HIGH	5	764	NFR	ORIGIN	NO	-1	4
2801	1754	1903	LOW	2	21	P	SCAR	NO	10	5
2802	1820	1903	MOD	2	17	P	SCAR	NO	17	4
2803	1720	1903	LOW	2	14	P	SCAR	NO	23	5
2804	1818	1903	MOD	2	18	P	SCAR	NO	8	5
2901	1800	1900	LOW	2	13	CFI()	SCAR	YES	90	6
3001	1800	1900	LOW	2	6	CFI(1)	SCAR	NO	7	14
3101	1590	1900	LOW	2	11	MFRI	SCAR	YES	4	13
3102	1600	1900	LOW	2	16	MFRI	SCAR	YES	4	11
3103	1640	1900	LOW	3	49	MFRI	SCAR	YES	3	4
3104	1660	1900	LOW	2	14	MFRI	SCAR	YES	4	7
3105	1570	1900	LOW	3	43	MFRI	SCAR	YES	4	7
3106	1560	1900	LOW	2	10	MFRI	SCAR	YES	4	13
3107	1630	1900	LOW	2	18	MFRI	SCAR	YES	4	4
3108	1590	1900	LOW	2	19	MFRI	SCAR	YES	4	10
3109	1760	1900	LOW	2	16	MFRI	SCAR	YES	4	3
3110	1790	1900	LOW	2	11	MFRI	SCAR	YES	4	11
3111	1650	1900	LOW	2	28	MFRI	SCAR	YES	4	4
3112	1790	1900	LOW	2	31	MFRI	SCAR	YES	3	5
3113	1770	1900	LOW	2	25	MFRI	SCAR	YES	2	5
3114	1730	1900	LOW	2	18	MFRI	SCAR	YES	4	9
3115	1660	1900	LOW	2	9	MFRI	SCAR	YES	4	12
3201	1690	1900	MOD	4	-1	CFI(9)	SCAR	YES	7	3
3202	1870	1900	MOD	4	-1	CFI(2)	SCAR	YES	4	2
3301	1862	1900	LOW	2	17	CFI()	SCAR	NO	6	3
3302	1895	1900	LOW	2	2	CFI()	SCAR	NO	7	4
3303	1890	1900	LOW	2	10	CFI()	SCAR	NO	6	1
3401	1554	1842	LOW	2	-1	CFI(1700)	SCAR	YES	48	61
3501	1440	1904	MOD	3	155	CFI()	BOTH	NO	27	4
3601	1770	1900	MOD	3	-1	CFI(90)	SCAR	NO	2	2
3602	1700	1900	MOD	3	-1	CFI(90)	SCAR	NO	3	2
3603	1860	1900	MOD	3	-1	CFI(90)	BOTH	NO	4	2
3604	1771	1900	MOD	3	-1	CFI(90)	SCAR	NO	1	1
3605	-1	1900	MOD	3	-1	CFI(90)	BOTH	NO	-1	0
3606	-1	1900	MOD	3	-1	CFI(90)	BOTH	NO	-1	0
3607	1750	1900	MOD	3	-1	CFI(90)	BOTH	NO	-1	2
3701	1777	1854	LOW	2	22	CFI()	SCAR	NO	2	5
3702	1726	1890	LOW	1	55	P	SCAR	NO	1	4
3703	1662	1902	LOW	1	34	CFI()	SCAR	NO	2	8
3704	1734	1871	LOW	1	27	CFI()	SCAR	NO	5	6
3705	1566	1856	LOW	1	58	P	SCAR	NO	1	6
3706	1718	1865	LOW	1	49	CFI()	SCAR	NO	2	4
3707	1609	1894	LOW	1	32	CFI()	SCAR	NO	2	10
3708	1554	1795	LOW	1	48	CFI()	SCAR	NO	2	6
3709	1585	1884	LOW	1	60	CFI()	SCAR	NO	3	6
3710	1578	1886	LOW	1	31	CFI()	SCAR	NO	2	11
3711	1694	1862	LOW	1	56	CFI()	SCAR	NO	3	4
3712	1588	1877	LOW	1	74	P	SCAR	NO	1	5
3801	1668	1910	MOD	-1	18	CFI()	BOTH	NO	11	36
3801	1735	1900	MOD	2	-1	CFI(180)	BOTH	NO	11	28
3801	1668	1910	MOD	-1	6	CFI(30)	BOTH	NO	11	36
3801	1668	1910	MOD	-1	9	CFI(5)	BOTH	NO	11	36
3801	1668	1910	MOD	-1	23	P	BOTH	NO	11	36
3802	1366	1910	MOD	-1	23	CFI()	BOTH	NO	46	59
3802	1366	1910	MOD	-1	-1	CFI(162)	BOTH	NO	46	59
3802	1735	1900	MOD	2	-1	CFI(180)	BOTH	NO	46	33
3802	1366	1910	MOD	-1	13	CFI(30)	BOTH	NO	46	59
3802	1366	1910	MOD	-1	20	CFI(5)	BOTH	NO	46	59

Site #	—Year— Start	End	Regime (severity)	Regime (char.)	Fire freq. (yrs)	Frequency computat.	Fire evidence	Cross-dated?	# of Trees	# of Fires
3802	1366	1910	MOD	-1	24	P	BOTH	NO	46	59
3803	1594	1910	MOD	-1	51	CFI()	BOTH	NO	7	19
3803	1735	1900	MOD	2	-1	CFI(180)	BOTH	NO	7	11
3803	1594	1910	MOD	-1	18	CFI(30)	BOTH	NO	7	19
3803	1594	1910	MOD	-1	28	CFI(5)	BOTH	NO	7	19
3803	1594	1910	MOD	-1	54	P	BOTH	NO	7	19
3804	1631	1910	MOD	-1	-1	CFI(162)	BOTH	NO	9	17
3804	1735	1900	MOD	2	-1	CFI(180)	BOTH	NO	9	12
3804	1631	1910	MOD	-1	22	CFI(30)	BOTH	NO	9	17
3804	1631	1910	MOD	-1	32	CFI(5)	BOTH	NO	9	17
3804	1631	1910	MOD	-1	51	P	BOTH	NO	9	17
3805	1735	1900	MOD	1	-1	CFI(180)	BOTH	NO	3	4
3805	1608	1910	MOD	-1	57	CFI(30)	BOTH	NO	3	6
3806	1686	1910	MOD	-1	12	CFI()	BOTH	NO	4	19
3806	1735	1900	MOD	2	-1	CFI(180)	BOTH	NO	4	15
3806	1686	1910	MOD	-1	12	CFI(5)	BOTH	NO	4	19
3806	1686	1910	MOD	-1	11	P	BOTH	NO	4	19
3807	1574	1910	MOD	-1	20	CFI()	BOTH	NO	11	29
3807	1574	1910	MOD	-1	-1	CFI(162)	BOTH	NO	11	29
3807	1735	1900	MOD	2	-1	CFI(180)	BOTH	NO	11	19
3807	1574	1910	MOD	-1	20	CFI(30)	BOTH	NO	11	29
3807	1574	1910	MOD	-1	23	P	BOTH	NO	11	29
3808	1636	1910	MOD	-1	42	CFI()	BOTH	NO	16	20
3808	1636	1910	MOD	-1	-1	CFI(162)	BOTH	NO	16	20
3808	1735	1900	MOD	2	-1	CFI(180)	BOTH	NO	16	12
3808	1636	1910	MOD	-1	34	CFI(30)	BOTH	NO	16	20
3808	1636	1910	MOD	-1	36	CFI(5)	BOTH	NO	16	20
3808	1636	1910	MOD	-1	44	P	BOTH	NO	16	20
3809	1595	1910	MOD	-1	72	CFI()	BOTH	NO	12	14
3809	1735	1900	MOD	2	-1	CFI(180)	BOTH	NO	12	11
3809	1595	1910	MOD	-1	64	CFI(5)	BOTH	NO	12	14
3809	1595	1910	MOD	-1	54	P	BOTH	NO	12	14
3810	1695	1910	MOD	-1	19	CFI()	BOTH	NO	7	17
3810	1735	1900	MOD	2	-1	CFI(180)	BOTH	NO	7	16
3810	1695	1910	MOD	-1	12	CFI(30)	BOTH	NO	7	17
3810	1695	1910	MOD	-1	19	CFI(5)	BOTH	NO	7	17
3810	1695	1910	MOD	-1	21	P	BOTH	NO	7	17
3811	1573	1910	MOD	-1	31	CFI()	BOTH	NO	23	34
3811	1573	1910	MOD	-1	-1	CFI(162)	BOTH	NO	23	34
3811	1735	1900	MOD	2	-1	CFI(180)	BOTH	NO	23	24
3811	1573	1910	MOD	-1	32	CFI(30)	BOTH	NO	23	34
3811	1573	1910	MOD	-1	30	CFI(5)	BOTH	NO	23	34
3811	1573	1910	MOD	-1	32	P	BOTH	NO	23	34
3812	1660	1910	MOD	-1	51	CFI()	BOTH	NO	17	15
3812	1660	1910	MOD	-1	-1	CFI(162)	BOTH	NO	17	15
3812	1735	1900	MOD	2	-1	CFI(180)	BOTH	NO	17	12
3812	1660	1910	MOD	-1	53	CFI(5)	BOTH	NO	17	15
3812	1660	1910	MOD	-1	60	P	BOTH	NO	17	15
3813	1695	1910	MOD	-1	94	CFI()	BOTH	NO	10	17
3813	1695	1910	MOD	-1	-1	CFI(162)	BOTH	NO	10	17
3813	1735	1900	MOD	2	-1	CFI(180)	BOTH	NO	10	14
3813	1695	1910	MOD	-1	61	CFI(30)	BOTH	NO	10	17
3813	1695	1910	MOD	-1	106	P	BOTH	NO	10	17
3901	1748	1886	LOW	2	10	CFI(10)	SCAR	YES	4	-1
3902	1684	1886	LOW	2	7	CFI(6)	SCAR	YES	7	-1
3903	1631	1879	LOW	2	7	CFI(5)	SCAR	YES	4	-1
3904	1729	1890	LOW	2	7	CFI(3)	SCAR	YES	4	-1
3905	1657	1893	LOW	2	-1	CFI(2000)	SCAR	YES	50	-1
3906	1534	1722	MOD	2	10	CFI()	SCAR	YES	5	-1
4001	1770	1864	MOD	-1	-1	CFI()	SCAR	NO	-1	9
4101	1707	1900	LOW	2	-1	CFI(1215)	SCAR	NO	197	59
4102	1730	1900	MOD	2	-1	CFI(1619)	BOTH	NO	185	18
4201	1776	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1

Site #	—Year— Start	End	Regime (severity)	Regime (char.)	Fire freq. (yrs)	Frequency computat.	Fire evidence	Cross-dated?	# of Trees	# of Fires
4202	1776	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4203	1697	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4204	1697	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4205	1704	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4206	1704	1860	LOW	2	-1	CFI(122)	SCAR	NO	12	-1
4207	1737	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4208	1737	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4209	1797	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4210	1797	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4211	1700	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4212	1700	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4213	1772	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4214	1772	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4215	1710	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4216	1710	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4217	1695	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4218	1695	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4219	1729	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4220	1729	1860	LOW	2	-1	CFI(162)	SCAR	NO	6	-1
4301	1650	1935	MOD	1	28	NFR	BOTH	NO	-1	6
4302	1650	1935	MOD	1	29	NFR	BOTH	NO	-1	10
4303	1650	1935	MOD	1	29	NFR	BOTH	NO	-1	10
4304	1650	1935	MOD	1	30	NFR	BOTH	NO	-1	10
4305	1650	1935	MOD	1	36	NFR	BOTH	NO	-1	7
4306	1650	1935	MOD	1	37	NFR	BOTH	NO	-1	8
4307	1650	1935	MOD	1	46	NFR	BOTH	NO	-1	4
4308	1650	1935	MOD	1	52	NFR	BOTH	NO	-1	6
4309	1650	1935	MOD	1	24	NFR	BOTH	NO	-1	10
4310	1650	1935	MOD	1	25	NFR	BOTH	NO	-1	7
4311	1650	1935	MOD	1	26	NFR	BOTH	NO	-1	11
4312	1650	1935	MOD	1	32	NFR	BOTH	NO	-1	9
4313	1650	1935	MOD	1	41	NFR	BOTH	NO	-1	6
4314	1650	1935	MOD	1	44	NFR	BOTH	NO	-1	6
4315	1650	1935	MOD	1	45	NFR	BOTH	NO	-1	4
4316	1650	1935	MOD	1	52	NFR	BOTH	NO	-1	5
4317	1650	1935	MOD	1	61	NFR	BOTH	NO	-1	5
4318	1650	1935	MOD	1	64	NFR	BOTH	NO	-1	5
4319	1650	1935	MOD	1	64	NFR	BOTH	NO	-1	5
4320	1650	1935	MOD	1	76	NFR	BOTH	NO	-1	4
4321	1650	1935	HIGH	3	131	NFR	BOTH	NO	-1	-1
4322	1650	1935	HIGH	3	150	NFR	BOTH	NO	-1	-1
4323	1650	1935	HIGH	3	149	NFR	BOTH	NO	-1	-1
4324	1650	1935	HIGH	3	149	NFR	BOTH	NO	-1	3
4325	1650	1935	HIGH	3	169	NFR	BOTH	NO	-1	-1
4326	1650	1935	HIGH	3	187	NFR	BOTH	NO	-1	-1
4327	1650	1935	HIGH	3	190	NFR	BOTH	NO	-1	-1
4328	1650	1935	HIGH	3	191	NFR	BOTH	NO	-1	-1
4329	1650	1935	HIGH	3	201	NFR	BOTH	NO	-1	-1
4330	1650	1935	HIGH	3	237	NFR	BOTH	NO	-1	-1
4331	1650	1935	HIGH	3	252	NFR	BOTH	NO	-1	-1
4332	1650	1935	HIGH	3	253	NFR	BOTH	NO	-1	-1
4333	1650	1935	HIGH	3	332	NFR	BOTH	NO	-1	-1
4334	1650	1935	HIGH	3	145	NFR	BOTH	NO	-1	-1
4335	1650	1935	HIGH	3	164	NFR	BOTH	NO	-1	-1
4336	1650	1935	HIGH	3	206	NFR	BOTH	NO	-1	2
4337	1650	1935	HIGH	3	255	NFR	BOTH	NO	-1	-1
4338	1650	1935	HIGH	3	344	NFR	BOTH	NO	-1	-1
4339	1650	1935	HIGH	3	450	NFR	BOTH	NO	-1	-1
4401	1714	1881	MOD	2	17	P	SCAR	YES	1	11
4402	1714	1881	MOD	1	33	P	SCAR	YES	1	6
4403	1714	1881	MOD	1	28	P	SCAR	YES	1	7
4404	1714	1881	MOD	2	19	P	SCAR	YES	1	10
4405	1714	1881	MOD	1	33	P	SCAR	YES	1	6

Site #	—Year— Start	End	Regime (severity)	Regime (char.)	Fire freq. (yrs)	Frequency computat.	Fire evidence	Cross-dated?	# of Trees	# of Fires
4406	1714	1881	MOD	2	24	P	SCAR	YES	1	8
4407	1714	1881	MOD	1	33	P	SCAR	YES	1	6
4408	1714	1881	MOD	2	21	P	SCAR	YES	1	9
4409	1714	1881	MOD	-1	-1	P	SCAR	YES	1	1
4410	1714	1881	MOD	2	24	P	SCAR	YES	1	8
4411	1714	1881	MOD	1	56	P	SCAR	YES	1	4
4412	1714	1881	MOD	1	56	P	SCAR	YES	1	4
4413	1714	1881	MOD	2	6	CFI(4)	SCAR	YES	12	28
4501	1690	1850	MOD	1	-1	CFI(260)	SCAR	NO	-1	6
4502	1710	1860	MOD	1	-1	CFI(260)	SCAR	NO	-1	6
4503	1650	1870	MOD	2	-1	CFI(260)	SCAR	NO	-1	11
4504	1700	1870	MOD	2	-1	CFI(260)	SCAR	NO	-1	13
4601	1605	1864	HIGH	3	88	P	ORIGIN	NO	-1	14
4701	1670	1900	MOD	-1	-1	-1	BOTH	NO	-1	1
4702	1670	1900	MOD	-1	-1	-1	BOTH	NO	-1	1
4801	1735	1910	MOD	3	-1	CFI()	BOTH	NO	15	-1
4802	1735	1910	MOD	3	121	CFI()	BOTH	NO	88	-1
4803	1735	1910	MOD	3	146	CFI()	BOTH	NO	15	-1
4804	1735	1910	MOD	3	-1	CFI()	BOTH	NO	8	-1
4805	1735	1910	MOD	3	-1	CFI(2984)	BOTH	NO	126	-1
4901	1758	1876	LOW	2	11	P	SCAR	YES	1	11
4902	1754	1876	LOW	2	8	P	SCAR	YES	1	16
4903	1769	1876	LOW	2	6	P	SCAR	YES	1	18
4904	1809	1861	LOW	2	17	P	SCAR	YES	1	3
4905	1824	1876	LOW	2	9	P	SCAR	YES	1	6
4906	1785	1873	LOW	2	4	P	SCAR	YES	1	20
4907	1540	1876	LOW	2	11	P	SCAR	YES	1	31
4908	1540	1876	LOW	2	5	CFI(17)	SCAR	YES	7	68
4908	1754	1876	LOW	2	2	CFI(17)	SCAR	YES	7	68
4908	1800	1876	LOW	2	2	CFI(17)	SCAR	YES	7	68
4908	1820	1876	LOW	2	2	CFI(17)	SCAR	YES	7	68
4908	1824	1869	LOW	2	2	CFI(17)	SCAR	YES	7	68
4908	1850	1865	LOW	2	1	CFI(17)	SCAR	YES	7	68
5001	1608	1900	MOD	2	22	P	SCAR	YES	31	10
5101	1790	1900	LOW	2	2	CFI(40)	SCAR	YES	10	61
5101	1810	1860	LOW	2	1	CFI(40)	SCAR	YES	10	-1
5101	1810	1841	LOW	2	1	CFI(40)	SCAR	YES	9	25
5102	1750	1900	LOW	2	4	CFI()	SCAR	YES	10	38
5102	1815	1900	LOW	2	3	CFI()	SCAR	YES	10	25
5102	1840	1890	LOW	2	2	CFI()	SCAR	YES	10	22
5201	1736	1863	LOW	2	12	P	SCAR	YES	1	11
5202	1775	1863	LOW	2	5	P	SCAR	YES	1	19
5203	1713	1863	LOW	2	7	P	SCAR	YES	1	23
5204	1722	1863	LOW	2	7	P	SCAR	YES	1	19
5205	1700	1863	LOW	2	7	P	SCAR	YES	1	25
5206	1760	1863	LOW	2	5	P	SCAR	YES	1	19
5207	1755	1861	LOW	2	5	P	SCAR	YES	1	22
5301	1722	1900	LOW	2	4	P	SCAR	YES	1	41
5401	1750	1900	MOD	1	18	P	SCAR	NO	2	-1
5501	1540	1860	MOD	1	-1	CFI(200)	SCAR	NO	19	-1
5501	1540	1860	MOD	1	12	P	SCAR	NO	19	-1
5502	1650	1860	MOD	1	-1	CFI(200)	SCAR	NO	20	-1
5502	1650	1860	MOD	1	9	P	SCAR	NO	20	-1
5503	1200	1860	MOD	1	-1	CFI(200)	SCAR	NO	15	-1
5503	1200	1860	MOD	1	10	P	SCAR	NO	15	-1
5601	1630	1847	MOD	2	6	P	SCAR	NO	1	36
5602	1509	1785	MOD	2	23	P	SCAR	NO	1	12
5603	1400	1813	MOD	2	11	P	SCAR	NO	1	40
5604	1366	1825	MOD	2	21	P	SCAR	NO	1	22
5605	1406	1754	MOD	2	17	P	SCAR	NO	1	20
5606	1520	1830	MOD	2	14	P	SCAR	NO	1	22
5607	1579	1807	MOD	2	10	P	SCAR	NO	1	24
5608	1645	1825	MOD	2	14	P	SCAR	NO	1	14

Site #	—Year— Start	End	Regime (severity)	Regime (char.)	Fire freq. (yrs)	Frequency computat.	Fire evidence	Cross-dated?	# of Trees	# of Fires
5609	1681	1793	MOD	2	10	P	SCAR	NO	1	11
5610	1780	1860	MOD	2	6	P	SCAR	NO	1	14
5611	1616	1824	MOD	2	10	P	SCAR	NO	1	21
5612	1541	1789	MOD	2	8	P	SCAR	NO	1	34
5613	1376	1860	MOD	2	11	P	SCAR	NO	1	46
5614	1769	1860	MOD	2	7	P	SCAR	NO	1	15
5701	-1	1893	MOD	2	17	-1	SCAR	NO	-1	-1
5801	1859	1905	MOD	3	23	CFI()	BOTH	NO	-1	2
5802	1839	1905	MOD	3	22	CFI()	BOTH	NO	-1	4
5803	1839	1905	MOD	3	22	CFI()	BOTH	NO	-1	4
5804	1867	1905	MOD	3	19	CFI()	BOTH	NO	-1	3
5805	1839	1905	MOD	3	33	CFI()	BOTH	NO	-1	3
5806	1758	1905	MOD	3	21	CFI()	BOTH	NO	-1	8
5807	1670	1905	LOW	1	21	CFI()	BOTH	NO	-1	11
5808	1768	1905	LOW	1	27	CFI()	BOTH	NO	-1	5
5809	1768	1905	LOW	1	23	CFI()	BOTH	NO	-1	6
5810	1652	1905	LOW	1	25	CFI()	BOTH	NO	-1	9
5811	1652	1905	LOW	1	25	CFI()	BOTH	NO	-1	10
5812	1812	1905	LOW	1	31	CFI()	BOTH	NO	-1	3
5813	1770	1905	LOW	1	23	CFI()	BOTH	NO	-1	6
5814	1758	1905	LOW	1	16	CFI()	BOTH	NO	-1	9
5815	1815	1905	LOW	1	23	CFI()	BOTH	NO	-1	4
5816	1710	1905	LOW	1	33	CFI()	BOTH	NO	-1	6
5901	1650	1922	MOD	2	28	NFR	BOTH	NO	82	31
5901	1650	1922	MOD	2	23	P	SCAR	NO	23	-1
6001	928	1928	MOD	3	25	CFI(12)	SCAR	NO	100	45
6101	1835	1900	MOD	2	-1	-1	BOTH	NO	21	7
6102	1749	1900	MOD	4	-1	-1	BOTH	NO	-1	23
6103	1844	1926	MOD	2	175	NFR	BOTH	NO	-1	9
6104	1785	1936	HIGH	3	-1	-1	BOTH	NO	-1	49
6201	1846	1904	MOD	-1	-1	-1	BOTH	NO	3500	1
6202	1846	1904	MOD	3	-1	-1	BOTH	NO	-1	2
6301	1721	1859	MOD	2	-1	CFI(600)	BOTH	YES	-1	5
6301	1721	1949	MOD	1	-1	CFI(600)	BOTH	YES	-1	15
6301	1721	1949	MOD	1	69	P	SCAR	YES	-1	8
6401	1866	1908	LOW	2	21	P	SCAR	NO	-1	3
6402	1845	1900	LOW	1	28	P	SCAR	NO	-1	3
6403	1844	1919	LOW	2	7	P	SCAR	NO	6	10
6404	1888	1895	LOW	2	7	P	SCAR	NO	-1	2
6405	1708	1884	LOW	1	29	P	SCAR	NO	-1	7
6406	1420	1631	LOW	1	50	P	SCAR	NO	2	5
6407	1420	1982	LOW	2	20	CFI()	SCAR	NO	-1	-1
6408	-1	1982	LOW	2	24	CFI()	SCAR	NO	-1	-1
6409	-1	1982	LOW	1	30	CFI()	SCAR	NO	-1	-1
6410	-1	1982	MOD	3	51	CFI()	SCAR	NO	-1	-1
6411	-1	1982	MOD	3	53	CFI()	SCAR	NO	-1	-1
6412	-1	1982	MOD	3	71	CFI()	SCAR	NO	-1	-1
6501	1613	1919	MOD	3	77	CFI(41)	BOTH	NO	-1	5
6502	1769	1919	MOD	3	75	CFI(41)	BOTH	NO	-1	3
6503	1700	1919	MOD	3	73	CFI(41)	BOTH	NO	-1	4
6504	1736	1919	MOD	3	61	CFI(41)	BOTH	NO	-1	4
6505	1772	1919	MOD	3	49	CFI(41)	BOTH	NO	-1	4
6506	1795	1919	MOD	3	41	CFI(41)	BOTH	NO	-1	4
6507	1736	1919	MOD	3	38	CFI(41)	BOTH	NO	-1	6
6508	1736	1919	MOD	3	37	CFI(41)	BOTH	NO	-1	6
6509	1736	1919	MOD	3	26	CFI(41)	BOTH	NO	-1	8
6510	1819	1919	MOD	3	25	CFI(41)	BOTH	NO	-1	5
6511	1749	1919	MOD	3	24	CFI(41)	BOTH	NO	-1	8
6512	1680	1910	MOD	3	46	CFI(41)	BOTH	NO	-1	6
6513	1834	1919	MOD	3	43	CFI(41)	BOTH	NO	-1	3
6514	1842	1919	MOD	3	26	CFI(41)	BOTH	NO	-1	4
6515	1772	1919	MOD	3	25	CFI(41)	BOTH	NO	-1	7
6516	1808	1919	MOD	2	22	CFI(41)	BOTH	NO	-1	6

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6517	1848	1910	MOD	2	21	CFI(41)	BOTH	NO	-1	4
6518	1842	1919	MOD	2	19	CFI(41)	BOTH	NO	-1	5
6519	1680	1919	MOD	3	48	CFI(41)	BOTH	NO	-1	6
6520	1786	1919	MOD	3	44	CFI(41)	BOTH	NO	-1	4
6521	1796	1919	MOD	3	44	CFI(41)	BOTH	NO	-1	6
6522	1736	1919	MOD	3	44	CFI(41)	BOTH	NO	-1	5
6523	1766	1919	MOD	3	38	CFI(41)	BOTH	NO	-1	5
6524	1740	1919	MOD	3	36	CFI(41)	BOTH	NO	-1	6
6525	1799	1919	MOD	3	30	CFI(41)	BOTH	NO	-1	5
6526	1794	1919	MOD	3	25	CFI(41)	BOTH	NO	-1	6
6527	1796	1919	MOD	2	25	CFI(41)	BOTH	NO	-1	6
6528	1799	1919	MOD	2	20	CFI(41)	BOTH	NO	-1	7
6601	1879	1895	MOD	3	16	CFI()	BOTH	NO	-1	2
6602	1879	1895	MOD	3	16	CFI()	BOTH	NO	-1	2
6603	1872	1972	MOD	-1	-1	CFI()	BOTH	NO	-1	1
6604	1850	1850	MOD	-1	-1	CFI()	BOTH	NO	-1	1
6605	1850	1850	MOD	-1	-1	CFI()	BOTH	NO	-1	1
6606	1850	1890	MOD	3	40	CFI()	BOTH	NO	-1	2
6607	1850	1890	MOD	3	40	CFI()	BOTH	NO	-1	2
6608	1850	1890	MOD	3	40	CFI()	BOTH	NO	-1	2
6609	1856	1879	MOD	3	23	CFI()	BOTH	NO	-1	2
6610	1856	1879	MOD	3	23	CFI()	BOTH	NO	-1	2
6611	1880	1880	MOD	-1	-1	CFI()	BOTH	NO	-1	1
6612	1872	1880	MOD	3	8	CFI()	BOTH	NO	-1	1
6613	1872	1880	MOD	3	8	CFI()	BOTH	NO	-1	1
6701	1744	1900	LOW	2	16	P	SCAR	NO	1	10
6702	1776	1900	LOW	2	10	P	SCAR	NO	1	12
6703	1707	1900	LOW	2	14	P	SCAR	NO	1	14
6704	1838	1900	LOW	2	10	P	SCAR	NO	1	6
6705	1752	1900	LOW	2	9	P	SCAR	NO	1	16
6706	1444	1900	LOW	2	14	P	SCAR	NO	1	33
6707	1444	1900	LOW	2	-1	CFI(130)	SCAR	NO	6	47
6707	1600	1900	LOW	2	-1	CFI(130)	SCAR	NO	6	42
6801	1542	1727	MOD	2	21	NFR	BOTH	NO	-1	10
6801	1727	1868	MOD	2	4	NFR	BOTH	NO	-1	33
6801	1868	1910	MOD	2	2	NFR	BOTH	NO	-1	18
6801	1542	1972	MOD	2	6	NFR	BOTH	NO	178	71
6901	1664	1890	LOW	1	58	P	SCAR	NO	3	-1
6902	1653	1890	LOW	1	62	P	SCAR	NO	2	-1
6903	1505	1890	LOW	1	44	P	SCAR	NO	12	28
6904	1626	1890	LOW	1	70	P	SCAR	NO	2	-1
6905	1564	1890	LOW	1	56	P	SCAR	NO	5	11
6906	1485	1890	LOW	1	50	P	SCAR	NO	6	22
6907	1716	1890	LOW	1	32	P	SCAR	NO	4	-1
6908	1776	1890	LOW	2	25	CFI()	SCAR	NO	2	-1
6909	1603	1890	LOW	2	17	CFI()	SCAR	NO	3	-1
6910	1693	1890	LOW	2	20	CFI()	SCAR	NO	2	-1
6911	1706	1890	LOW	2	26	CFI()	SCAR	NO	2	-1
6912	1646	1890	LOW	2	41	CFI()	SCAR	NO	2	-1
6913	1773	1890	LOW	2	20	CFI()	SCAR	NO	2	-1
7001	1436	1850	MOD	3	27	P	SCAR	NO	20	-1
7002	1612	1850	MOD	2	22	P	SCAR	NO	22	-1
7101	1729	1892	LOW	1	163	CFI()	SCAR	YES	-1	2
7102	1578	1729	LOW	1	151	CFI()	SCAR	YES	-1	2
7103	1729	1900	LOW	-1	*	CFI()	SCAR	YES	1	1
7104	1737	1900	LOW	-1	*	CFI()	SCAR	YES	2	1
7105	1729	1900	LOW	-1	*	CFI()	SCAR	YES	2	1
7106	1826	1900	LOW	-1	*	CFI()	SCAR	YES	2	1
7201	1700	1875	MOD	2	13	CFI(1)	SCAR	NO	21	23
7201	1500	1699	MOD	2	13	CFI(1)	SCAR	NO	2	4
7201	1700	1799	MOD	2	10	CFI(1)	SCAR	NO	21	14
7201	1800	1875	MOD	2	14	CFI(1)	SCAR	NO	21	9
7201	1700	1875	MOD	2	5	CFI(10)	SCAR	NO	58	23

Site #	—Year— Start	End	Regime (severity)	Regime (char.)	Fire freq. (yrs)	Frequency computat.	Fire evidence	Cross-dated?	# of Trees	# of Fires
7201	1700	1875	MOD	2	24	P	SCAR	NO	17	23
7202	1700	1875	MOD	2	15	CFI(1)	SCAR	NO	13	21
7202	1700	1799	MOD	2	16	CFI(1)	SCAR	NO	13	11
7202	1800	1875	MOD	2	14	CFI(1)	SCAR	NO	13	10
7202	1700	1875	MOD	2	6	CFI(10)	SCAR	NO	77	21
7202	1700	1875	MOD	2	23	P	SCAR	NO	16	21
7203	1700	1875	MOD	2	17	CFI(1)	SCAR	NO	2	10
7203	1700	1799	MOD	2	13	CFI(1)	SCAR	NO	2	4
7203	1800	1875	MOD	2	19	CFI(1)	SCAR	NO	2	6
7203	1700	1875	MOD	2	9	CFI(10)	SCAR	NO	18	10
7203	1700	1875	MOD	2	21	P	SCAR	NO	7	10
7204	1700	1875	MOD	2	9	CFI(1)	SCAR	NO	10	21
7204	1500	1699	MOD	2	10	CFI(1)	SCAR	NO	1	0
7204	1700	1799	MOD	2	8	CFI(1)	SCAR	NO	10	15
7204	1800	1875	MOD	2	12	CFI(1)	SCAR	NO	10	6
7204	1700	1875	MOD	2	13	P	SCAR	NO	9	21
7205	1700	1875	MOD	2	16	CFI(1)	SCAR	NO	8	21
7205	1700	1799	MOD	2	14	CFI(1)	SCAR	NO	8	11
7205	1800	1875	MOD	2	20	CFI(1)	SCAR	NO	8	10
7205	1700	1875	MOD	2	22	P	SCAR	NO	5	21
7206	1700	1875	MOD	2	2	CFI()	SCAR	NO	37	-1
7207	1700	1875	MOD	2	2	CFI()	SCAR	NO	183	-1
7301	1813	1872	MOD	2	-1	CFI(486)	BOTH	NO	-1	5
7401	1708	1973	MOD	1	46	P	SCAR	YES	20	-1
7401	1708	1840	MOD	1	66	P	SCAR	YES	20	-1
7401	1840	1905	MOD	1	18	P	SCAR	YES	20	-1
7401	1905	1973	MOD	1	27	P	SCAR	YES	20	-1
7401	1708	1973	MOD	1	130	P	SCAR	YES	20	-1
7402	1708	1973	MOD	1	35	P	SCAR	YES	-1	-1
7403	1708	1973	MOD	1	64	P	SCAR	YES	-1	-1
7404	1708	1973	MOD	1	38	P	SCAR	YES	-1	-1
7405	1708	1973	MOD	1	36	P	SCAR	YES	-1	-1
7406	1708	1973	MOD	1	38	P	SCAR	YES	-1	-1
7501	1757	1813	LOW	2	-1	CFI(146)	SCAR	NO	9	-1
7502	1801	1863	LOW	2	21	CFI(1)	SCAR	NO	4	-1
7503	1801	1863	LOW	2	16	CFI(1)	SCAR	NO	2	-1
7504	1801	1863	LOW	2	13	CFI(1)	SCAR	NO	2	-1
7505	1801	1863	LOW	2	32	CFI(1)	SCAR	NO	3	-1
7506	1801	1863	LOW	2	13	CFI(1)	SCAR	NO	3	-1
7507	1801	1863	LOW	2	13	CFI(1)	SCAR	NO	4	-1
7508	1801	1863	LOW	2	16	CFI(1)	SCAR	NO	2	-1
7509	1801	1863	LOW	2	16	CFI(1)	SCAR	NO	2	-1
7510	1801	1863	LOW	2	6	CFI(1)	SCAR	NO	3	-1
7511	1801	1863	LOW	2	16	CFI(1)	SCAR	NO	4	-1
7512	1801	1863	LOW	2	9	CFI(1)	SCAR	NO	2	-1
7513	1801	1863	LOW	2	9	CFI(1)	SCAR	NO	2	-1
7514	1801	1863	LOW	2	5	CFI(1)	SCAR	NO	5	-1
7601	1814	1889	MOD	3	75	CFI()	BOTH	NO	-1	2
7602	1889	1889	MOD	3	-1	CFI()	BOTH	NO	-1	1
7603	1752	1814	MOD	3	67	CFI()	BOTH	NO	-1	2
7604	1752	1814	HIGH	3	62	CFI()	ORIGIN	NO	-1	2
7605	1752	1814	HIGH	3	62	CFI()	ORIGIN	NO	-1	2
7606	1814	1814	MOD	3	-1	CFI()	BOTH	NO	-1	1
7607	1913	1913	HIGH	3	-1	CFI()	ORIGIN	NO	-1	1
7608	1913	1913	MOD	3	-1	CFI()	BOTH	NO	-1	1
7609	1913	1913	MOD	3	-1	CFI()	BOTH	NO	-1	1
7610	1814	1814	MOD	3	-1	CFI()	BOTH	NO	-1	2
7611	1814	1913	MOD	3	99	CFI()	BOTH	NO	-1	2
7612	1814	1814	HIGH	3	-1	CFI()	ORIGIN	NO	-1	1
7613	1814	1913	MOD	3	68	CFI()	BOTH	NO	-1	2
7614	1814	1913	MOD	3	43	CFI()	BOTH	NO	-1	2
7615	1814	1913	MOD	3	68	CFI()	BOTH	NO	-1	2
7616	1814	1913	MOD	3	68	CFI()	BOTH	NO	-1	2

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7617	1785	1814	HIGH	3	29	CFI()	ORIGIN	NO	-1	2
7618	1785	1814	HIGH	3	29	CFI()	ORIGIN	NO	-1	2
7619	1814	1913	HIGH	3	68	CFI()	ORIGIN	NO	-1	2
7620	1814	1913	MOD	3	99	CFI()	BOTH	NO	-1	2
7621	1752	1913	MOD	3	55	CFI()	BOTH	NO	-1	2
7622	1913	1913	HIGH	3	-1	CFI()	ORIGIN	NO	-1	2
7623	1752	1913	MOD	3	45	CFI()	BOTH	NO	-1	2
7624	1752	1913	MOD	3	55	CFI()	BOTH	NO	-1	1
7625	1752	1913	HIGH	3	125	CFI()	BOTH	NO	-1	2
7701	-1	1860	LOW	2	10	P	SCAR	NO	-1	-1
7701	1860	1904	LOW	2	14	P	SCAR	NO	-1	-1
7702	-1	1860	LOW	2	14	P	SCAR	NO	-1	-1
7702	1860	1974	LOW	2	19	P	SCAR	NO	-1	-1
7801	1797	1904	LOW	2	10	P	SCAR	NO	26	-1
7802	1797	1904	LOW	2	12	P	SCAR	NO	31	-1
7901	1681	1848	MOD	3	25	CFI(5)	BOTH	NO	9	6
8001	1680	1910	HIGH	3	58	VW	ORIGIN	NO	427	-1
8101	1500	1919	HIGH	3	419	CFI()	ORIGIN	NO	-1	1
8102	1834	1919	MOD	3	85	CFI()	SCAR	NO	-1	2
8103	1541	1919	MOD	3	95	CFI()	SCAR	NO	-1	4
8104	1834	1914	MOD	3	80	CFI()	SCAR	NO	-1	2
8105	1834	1919	HIGH	3	85	CFI()	ORIGIN	NO	-1	1
8106	1757	1919	MOD	3	81	CFI()	SCAR	NO	-1	2
8107	1757	1919	MOD	3	81	CFI()	SCAR	NO	-1	2
8108	1772	1919	MOD	3	74	CFI()	SCAR	NO	-1	2
8109	1757	1919	MOD	3	81	CFI()	SCAR	NO	-1	2
8110	1500	1919	HIGH	3	209	CFI()	ORIGIN	NO	-1	2
8201	1362	1962	-1	-1	-1	-1	ORIGIN	NO	40	1
8301	1780	1940	MOD	3	63	CFI()	SCAR	NO	-1	4
8302	-1	1940	MOD	3	50	CFI()	SCAR	NO	-1	3
8303	1780	1940	MOD	3	83	CFI()	SCAR	NO	-1	3
8304	-1	1940	MOD	3	111	CFI()	SCAR	NO	-1	3
8305	1733	1940	MOD	3	59	CFI()	SCAR	NO	-1	4
8306	1733	1940	MOD	3	71	CFI()	SCAR	NO	-1	4
8307	1900	1940	MOD	3	71	CFI()	SCAR	NO	-1	2
8308	1773	1940	MOD	3	-1	CFI()	SCAR	NO	-1	16
8401	1595	1900	MOD	3	-1	CFI(750)	SCAR	YES	14	9
8401	1595	1875	MOD	3	29	P	SCAR	YES	14	-1
8501	1765	1890	HIGH	3	-1	-1	ORIGIN	NO	-1	2
8502	1865	1890	HIGH	3	-1	-1	ORIGIN	NO	-1	1
8503	1879	1890	HIGH	3	-1	-1	BOTH	NO	-1	1
8504	1890	1890	HIGH	3	-1	-1	ORIGIN	NO	-1	1
8601	1700	1863	MOD	3	83	CFI(1)	BOTH	NO	6	2
8602	1700	1863	MOD	3	83	CFI()	BOTH	NO	5	2
8603	1700	1863	MOD	3	56	CFI()	BOTH	NO	5	3
8604	1700	1863	MOD	3	40	CFI(30)	BOTH	NO	16	3
8701	1622	1862	LOW	2	20	CFI()	SCAR	NO	15	13
8701	450	1862	LOW	1	109	CFI()	SCAR	NO	15	14
8801	1782	1852	MOD	2	18	CFI(8)	SCAR	NO	12	5
8901	1827	1885	MOD	2	11	CFI(19)	SCAR	NO	10	5
9001	1859	1909	MOD	3	50	CFI()	SCAR	NO	-1	2
9101	1630	1900	MOD	3	-1	CFI(2540)	BOTH	NO	-1	9
9102	1630	1900	MOD	3	-1	CFI(3610)	BOTH	NO	-1	6
9103	1630	1900	MOD	3	-1	CFI(7320)	BOTH	NO	44	12
9201	1617	1915	MOD	3	98	P	SCAR	NO	2	8
9202	1492	1915	MOD	3	63	P	SCAR	NO	4	15
9203	1740	1915	MOD	3	37	P	SCAR	NO	3	11
9204	1734	1915	MOD	3	67	P	SCAR	NO	3	6
9205	1523	1915	MOD	3	108	P	SCAR	NO	5	9
9206	1621	1915	MOD	3	147	P	SCAR	NO	1	2
9207	1561	1915	MOD	3	71	P	SCAR	NO	1	4
9208	1746	1915	MOD	3	28	P	SCAR	NO	1	4
9209	1750	1915	MOD	3	165	P	SCAR	NO	1	1

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9210	1658	1915	MOD	3	129	P	SCAR	NO	1	2
9301	1660	1830	LOW	2	-1	CFI(6500)	SCAR	YES	16	61
9401	1620	1890	LOW	2	15	P	SCAR	NO	-1	6
9501	1652	1886	MOD	-1	-1	-1	SCAR	YES	60	25
9601	1706	1973	MOD	3	123	NFR	SCAR	NO	-1	32
9601	1706	1900	MOD	2	5	P	SCAR	NO	-1	12
9601	1706	1973	MOD	3	36	P	SCAR	NO	-1	-1
9601	1706	1973	MOD	3	29	P	SCAR	NO	-1	-1
9601	1706	1973	MOD	3	51	P	SCAR	NO	-1	-1
9602	1706	1973	MOD	2	15	P	SCAR	NO	-1	-1
9603	1706	1973	MOD	2	11	P	SCAR	NO	-1	-1
9604	1706	1973	MOD	2	10	P	SCAR	NO	-1	-1
9701	1703	1832	LOW	-1	-1	CFI(9238)	SCAR	YES	-1	7
9801	1735	1910	HIGH	3	58	CFI()	BOTH	NO	8	5
9802	1735	1910	HIGH	3	175	CFI()	BOTH	NO	7	2
9803	1735	1910	HIGH	3	88	CFI()	BOTH	NO	7	2
9804	1735	1910	HIGH	3	88	CFI()	BOTH	NO	3	2
9805	1735	1910	HIGH	3	175	CFI()	BOTH	NO	5	1
9806	1735	1910	HIGH	3	175	CFI()	BOTH	NO	6	1
9807	1735	1910	HIGH	3	175	CFI()	BOTH	NO	6	1
9808	1735	1910	HIGH	3	44	CFI()	BOTH	NO	6	4
9809	1735	1910	HIGH	3	175	CFI()	BOTH	NO	17	1
9810	1735	1910	HIGH	3	29	CFI()	BOTH	NO	35	7
9811	1735	1910	HIGH	3	175	CFI()	BOTH	NO	7	1
9812	1735	1910	HIGH	3	44	CFI()	BOTH	NO	20	4
9813	1735	1910	HIGH	3	88	CFI()	BOTH	NO	11	3
9814	1735	1910	HIGH	3	175	CFI()	BOTH	NO	17	1
9815	1735	1910	HIGH	3	175	CFI()	BOTH	NO	9	1
9816	1735	1910	HIGH	3	88	CFI()	BOTH	NO	11	1
9817	1735	1910	HIGH	3	175	CFI()	BOTH	NO	13	1
9818	1735	1910	HIGH	3	175	CFI()	BOTH	NO	13	1
9819	1735	1910	HIGH	3	88	CFI()	BOTH	NO	11	1
9820	1735	1910	HIGH	3	175	CFI()	BOTH	NO	9	0
9821	1735	1910	HIGH	3	175	CFI()	BOTH	NO	3	1
9822	1735	1910	HIGH	3	88	CFI()	BOTH	NO	6	4
9823	1735	1910	HIGH	3	44	CFI()	BOTH	NO	2	5
9824	1735	1910	HIGH	3	88	CFI()	BOTH	NO	2	2
9825	1735	1910	HIGH	3	88	CFI()	BOTH	NO	3	2
9826	1735	1910	HIGH	3	175	CFI()	BOTH	NO	5	3
9827	1735	1910	HIGH	3	88	CFI()	BOTH	NO	2	1
9828	1735	1910	HIGH	3	175	CFI()	BOTH	NO	4	3
9901	1714	1894	LOW	1	30	P	BOTH	NO	1	6
10001	1700	1895	LOW	2	10	P	SCAR	YES	2	19
10002	1700	1895	LOW	2	16	P	SCAR	YES	2	9
10003	1700	1895	LOW	2	10	P	SCAR	YES	2	7
10004	1700	1895	LOW	2	18	P	SCAR	YES	2	14
10005	1700	1895	LOW	2	11	P	SCAR	YES	2	11
10006	1700	1895	LOW	2	13	P	SCAR	YES	2	15
10007	1700	1895	LOW	2	22	P	SCAR	YES	2	11
10101	1688	1911	MOD	2	16	CFI()	SCAR	YES	5	15
10102	1671	1892	MOD	2	20	CFI()	SCAR	YES	5	12
10103	1644	1902	MOD	2	16	CFI()	SCAR	YES	4	17
10201	1518	1863	MOD	3	20	CFI(2)	SCAR	NO	109	18
10301	1726	1875	MOD	3	-1	CFI(368)	BOTH	NO	-1	-1
10302	1726	1875	MOD	3	-1	CFI(337)	BOTH	NO	-1	-1
10303	1726	1875	MOD	3	-1	CFI(397)	BOTH	NO	-1	-1
10304	1726	1875	MOD	3	-1	CFI(433)	BOTH	NO	-1	-1
10305	1726	1875	MOD	3	-1	CFI(286)	BOTH	NO	-1	-1
10306	1726	1875	MOD	3	-1	CFI(190)	BOTH	NO	-1	-1
10307	1726	1875	MOD	3	-1	CFI(223)	BOTH	NO	-1	-1
10308	1726	1875	MOD	3	-1	CFI(261)	BOTH	NO	-1	-1
10309	1726	1875	MOD	3	-1	CFI(410)	BOTH	NO	-1	-1
10310	1726	1875	MOD	3	-1	CFI(257)	BOTH	NO	-1	-1

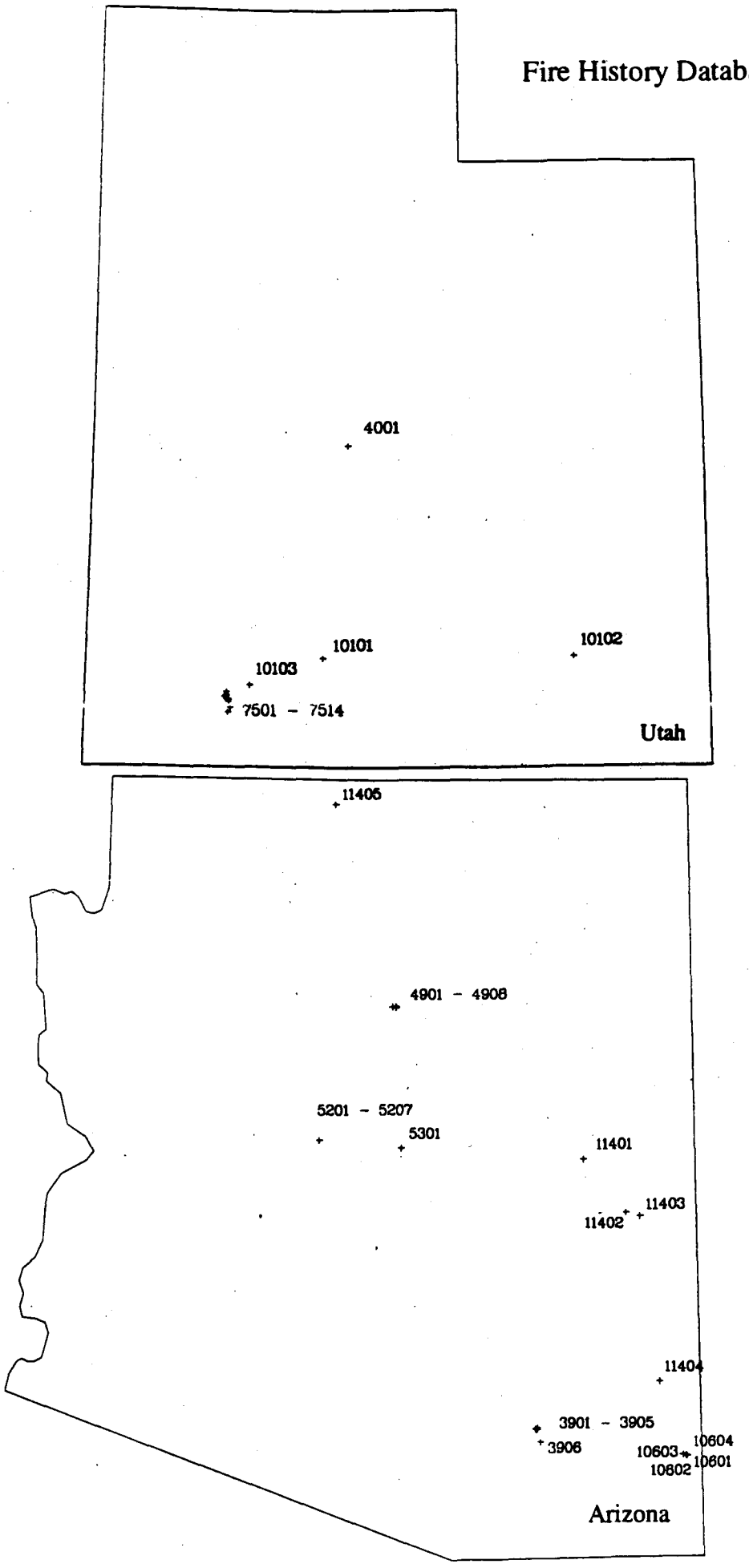
Site #	—Year— Start	End	Regime (severity)	Regime (char.)	Fire freq. (yrs)	Frequency computat.	Fire evidence	Cross-dated?	# of Trees	# of Fires
10311	1726	1875	MOD	3	-1	CFI(348)	BOTH	NO	-1	-1
10312	1726	1875	MOD	3	-1	CFI(3510)	BOTH	NO	-1	-1
10401	1633	1801	LOW	2	4	CFI(40)	SCAR	YES	11	-1
10401	1801	1904	LOW	2	6	CFI(40)	SCAR	YES	16	-1
10401	1837	1904	LOW	2	6	CFI(40)	SCAR	YES	16	-1
10402	1635	1801	LOW	2	-1	CFI(47)	SCAR	YES	5	-1
10402	1801	1904	LOW	2	-1	CFI(47)	SCAR	YES	18	-1
10402	1837	1904	LOW	2	-1	CFI(47)	SCAR	YES	18	-1
10403	1650	1803	LOW	2	17	CFI(40)	SCAR	YES	6	-1
10403	1803	1907	LOW	2	5	CFI(40)	SCAR	YES	10	-1
10403	1837	1907	LOW	2	4	CFI(40)	SCAR	YES	10	-1
10501	850	899	MOD	2	-1	CFI(259)	SCAR	YES	12	9
10501	900	949	MOD	2	-1	CFI(259)	SCAR	YES	14	10
10501	950	999	MOD	2	-1	CFI(259)	SCAR	YES	14	7
10501	1000	1049	MOD	2	-1	CFI(259)	SCAR	YES	14	11
10501	1050	1099	MOD	2	-1	CFI(259)	SCAR	YES	15	11
10501	1100	1149	MOD	2	-1	CFI(259)	SCAR	YES	15	13
10501	1150	1199	MOD	2	-1	CFI(259)	SCAR	YES	15	13
10501	1200	1249	MOD	2	-1	CFI(259)	SCAR	YES	16	15
10501	1250	1299	MOD	2	-1	CFI(259)	SCAR	YES	16	12
10501	1300	1349	MOD	2	-1	CFI(259)	SCAR	YES	17	11
10501	1350	1399	MOD	2	-1	CFI(259)	SCAR	YES	17	13
10501	1400	1449	MOD	2	-1	CFI(259)	SCAR	YES	17	13
10501	1450	1499	MOD	2	-1	CFI(259)	SCAR	YES	17	14
10501	1500	1549	MOD	2	-1	CFI(259)	SCAR	YES	18	9
10501	1550	1599	MOD	2	-1	CFI(259)	SCAR	YES	18	9
10501	1600	1649	MOD	2	-1	CFI(259)	SCAR	YES	17	10
10501	1650	1699	MOD	2	-1	CFI(259)	SCAR	YES	17	11
10501	1700	1749	MOD	2	-1	CFI(259)	SCAR	YES	17	17
10501	1750	1799	MOD	2	-1	CFI(259)	SCAR	YES	16	17
10501	1800	1849	MOD	2	-1	CFI(259)	SCAR	YES	12	12
10501	1850	1899	MOD	2	-1	CFI(259)	SCAR	YES	9	2
10601	1604	1801	LOW	2	-1	CFI(65)	SCAR	YES	-1	20
10601	1801	1851	LOW	-1	-1	CFI(65)	SCAR	YES	-1	0
10601	1851	1876	LOW	2	-1	CFI(65)	SCAR	YES	-1	3
10601	1604	1876	LOW	2	-1	CFI(65)	SCAR	YES	-1	23
10602	1606	1801	LOW	2	11	CFI(32)	SCAR	YES	-1	19
10602	1801	1851	LOW	2	25	CFI(32)	SCAR	YES	-1	1
10602	1851	1876	LOW	2	9	CFI(32)	SCAR	YES	-1	6
10602	1606	1894	LOW	2	12	CFI(32)	SCAR	YES	-1	26
10603	1632	1801	LOW	2	11	CFI(8)	SCAR	YES	-1	16
10603	1801	1851	LOW	2	10	CFI(8)	SCAR	YES	-1	4
10603	1852	1882	LOW	2	6	CFI(8)	SCAR	YES	-1	6
10603	1604	1876	LOW	2	10	CFI(8)	SCAR	YES	-1	26
10604	1604	1801	LOW	2	-1	CFI(356)	SCAR	YES	-1	32
10604	1801	1851	LOW	2	-1	CFI(356)	SCAR	YES	-1	5
10604	1851	1894	LOW	2	-1	CFI(356)	SCAR	YES	-1	13
10604	1604	1894	LOW	2	-1	CFI(356)	SCAR	YES	-1	50
10701	1640	1907	LOW	1	79	P	SCAR	NO	1	3
10702	1640	1907	LOW	2	18	P	SCAR	NO	2	13
10703	1640	1907	LOW	2	15	P	SCAR	NO	1	18
10704	1640	1907	LOW	1	27	P	SCAR	NO	3	5
10705	1640	1907	LOW	2	23	P	SCAR	NO	2	11
10706	1640	1907	LOW	2	18	P	SCAR	NO	2	6
10707	1640	1907	LOW	2	21	P	SCAR	NO	11	13
10801	1665	1910	-1	-1	-1	-1	ORIGIN	NO	-1	3
10901	1836	1924	MOD	2	15	CFI(3)	BOTH	YES	13	7
10902	1797	1933	MOD	2	19	CFI(3)	BOTH	YES	17	8
10903	1740	1850	MOD	2	-1	CFI(400)	BOTH	YES	14	-1
10903	1851	1934	MOD	2	-1	CFI(400)	BOTH	YES	70	-1
11001	1740	1882	MOD	3	71	CFI(1)	BOTH	NO	494	3
11002	1882	1879	MOD	3	29	CFI()	BOTH	NO	555	3
11101	1880	1880	-1	-1	-1	-1	BOTH	NO	-1	1

Site #	—Year— Start	End	Regime (severity)	Regime (char.)	Fire freq. (yrs)	Frequency computat.	Fire evidence	Cross-dated?	# of Trees	# of Fires
11201	972	1972	MOD	3	250	CFI(1)	BOTH	NO	-1	4
11202	973	1973	MOD	3	333	CFI(1)	BOTH	NO	-1	3
11203	971	1971	MOD	3	286	CFI(1)	BOTH	NO	-1	3
11204	972	1972	MOD	3	333	CFI(1)	BOTH	NO	-1	3
11205	974	1974	MOD	3	167	CFI(1)	BOTH	NO	-1	6
11206	974	1974	MOD	3	154	CFI(1)	BOTH	NO	-1	6
11207	977	1977	MOD	3	-1	CFI(1)	BOTH	NO	-1	-1
11208	976	1976	MOD	3	125	CFI(1)	BOTH	NO	-1	8
11209	977	1977	MOD	3	-1	CFI(1)	BOTH	NO	-1	-1
11301	1775	1909	LOW	2	-1	CFI(160)	SCAR	NO	10	38
11301	1775	1909	LOW	2	11	P	SCAR	NO	10	65
11401	1831	1899	LOW	2	6	P	SCAR	NO	1	11
11402	1846	1906	LOW	2	7	P	SCAR	NO	1	9
11403	1851	1913	LOW	2	5	P	SCAR	NO	1	13
11404	1847	1898	LOW	2	6	P	SCAR	NO	1	10
11405	1708	1885	LOW	2	10	P	SCAR	NO	1	18
11501	1740	1849	MOD	1	15	CFI()	BOTH	YES	-1	12
11501	1740	1987	MOD	1	11	W	BOTH	YES	-1	12
11502	1740	1987	MOD	1	10	CFI()	BOTH	YES	-1	20
11502	1740	1987	MOD	1	7	W	BOTH	YES	-1	20
11503	1740	1987	MOD	1	10	CFI()	BOTH	YES	-1	14
11503	1740	1987	MOD	1	12	W	BOTH	YES	-1	14
11504	1740	1987	MOD	1	4	CFI()	BOTH	YES	-1	46
11504	1740	1987	MOD	1	4	W	BOTH	YES	-1	46
11601	1645	1855	MOD	3	-1	CFI(250)	SCAR	NO	28	7

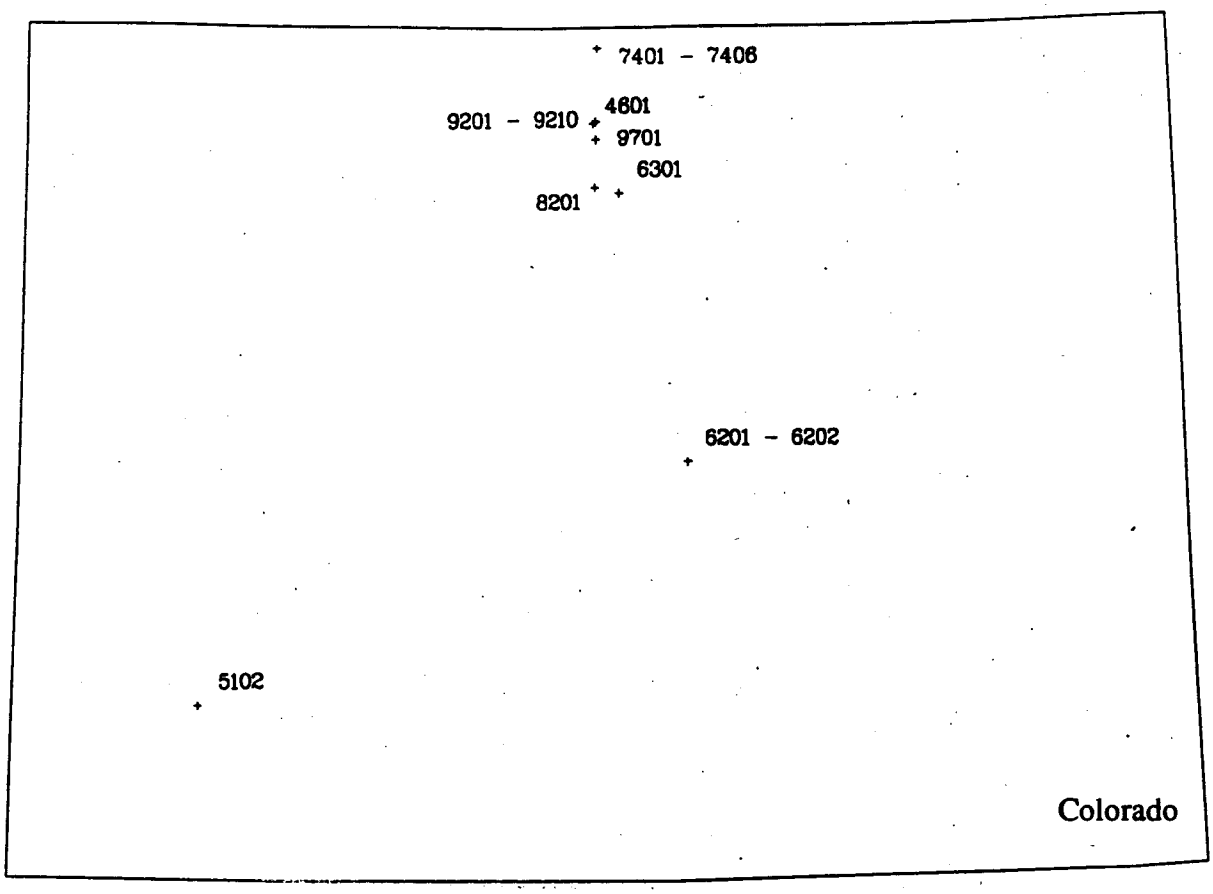
APPENDIX E: MAPS OF SITE LOCATION BY STATE

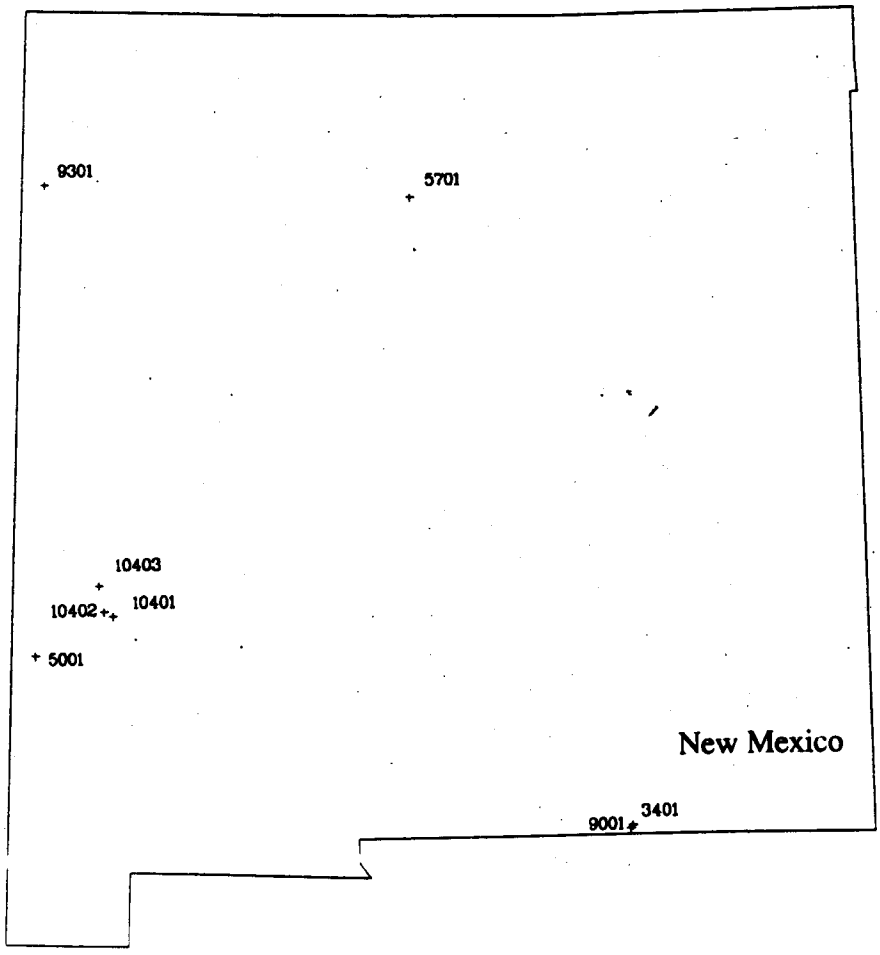
The locations of the sites in the database are mapped on the following pages by state. The data labels are the combined reference and site numbers (e.g. the second site from the fortieth reference has a reference/site number of 4002). (See also figure 1 above for site locations mapped for the entire western U.S. without reference/site number labels).

Fire History Database Site Locations

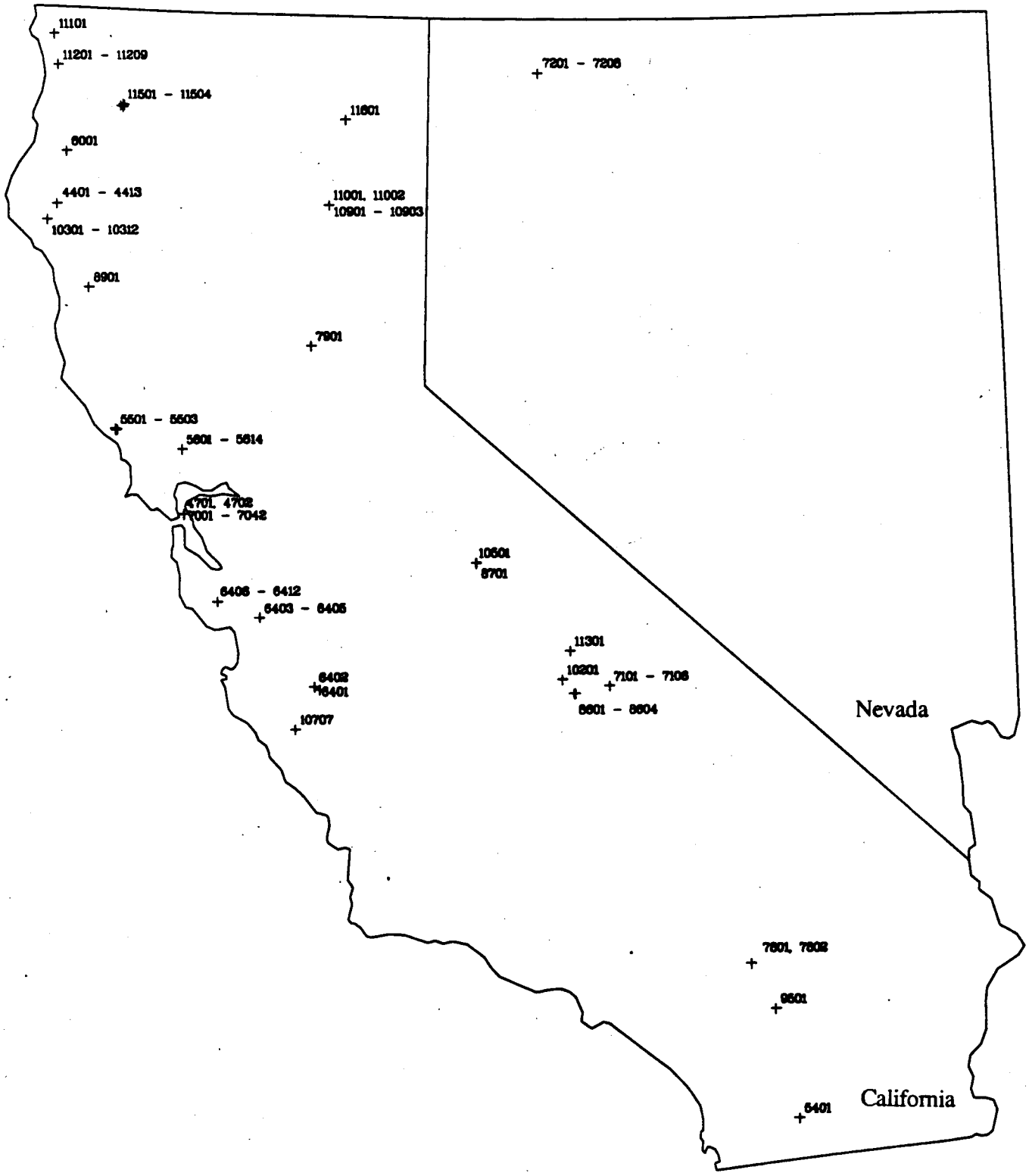


Fire History Database Site Locations

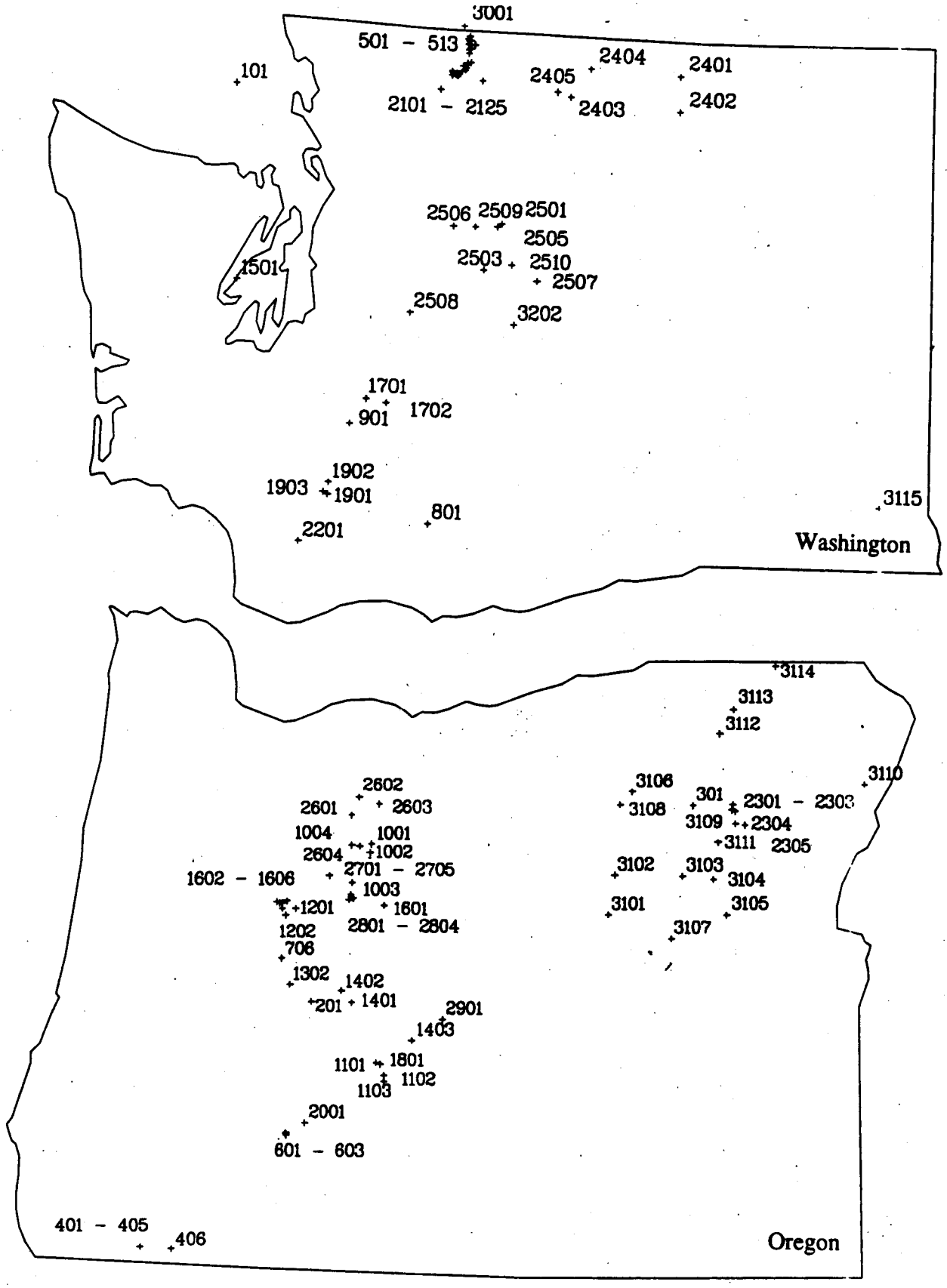




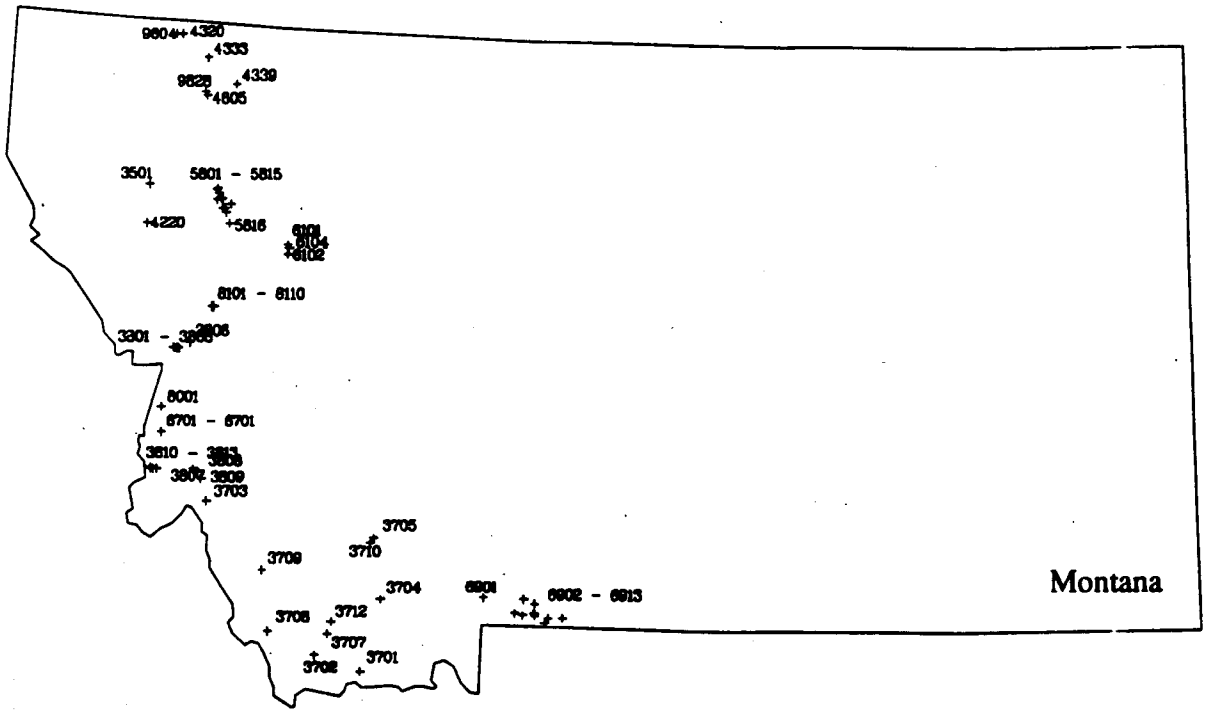
Fire History Database Site Locations

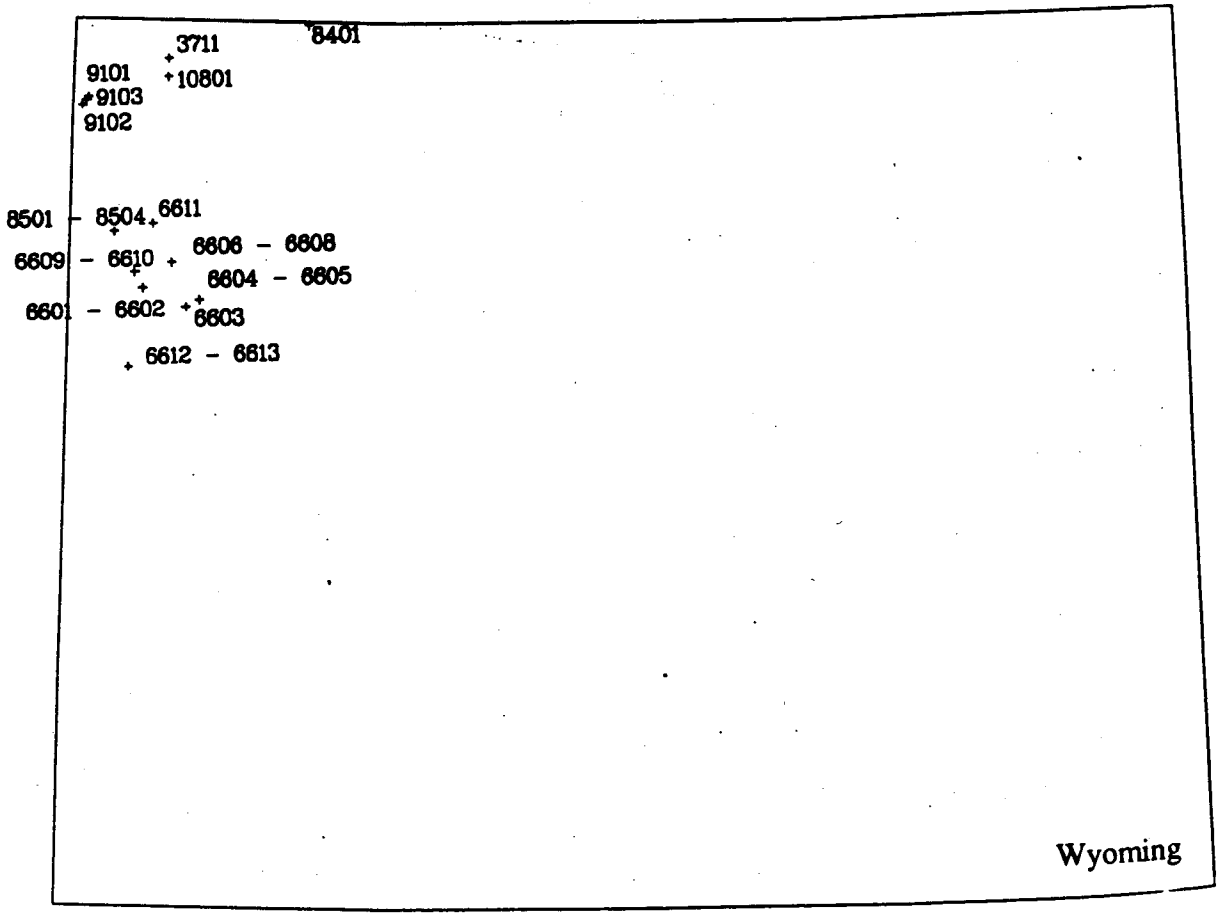


Fire History Database Site Locations

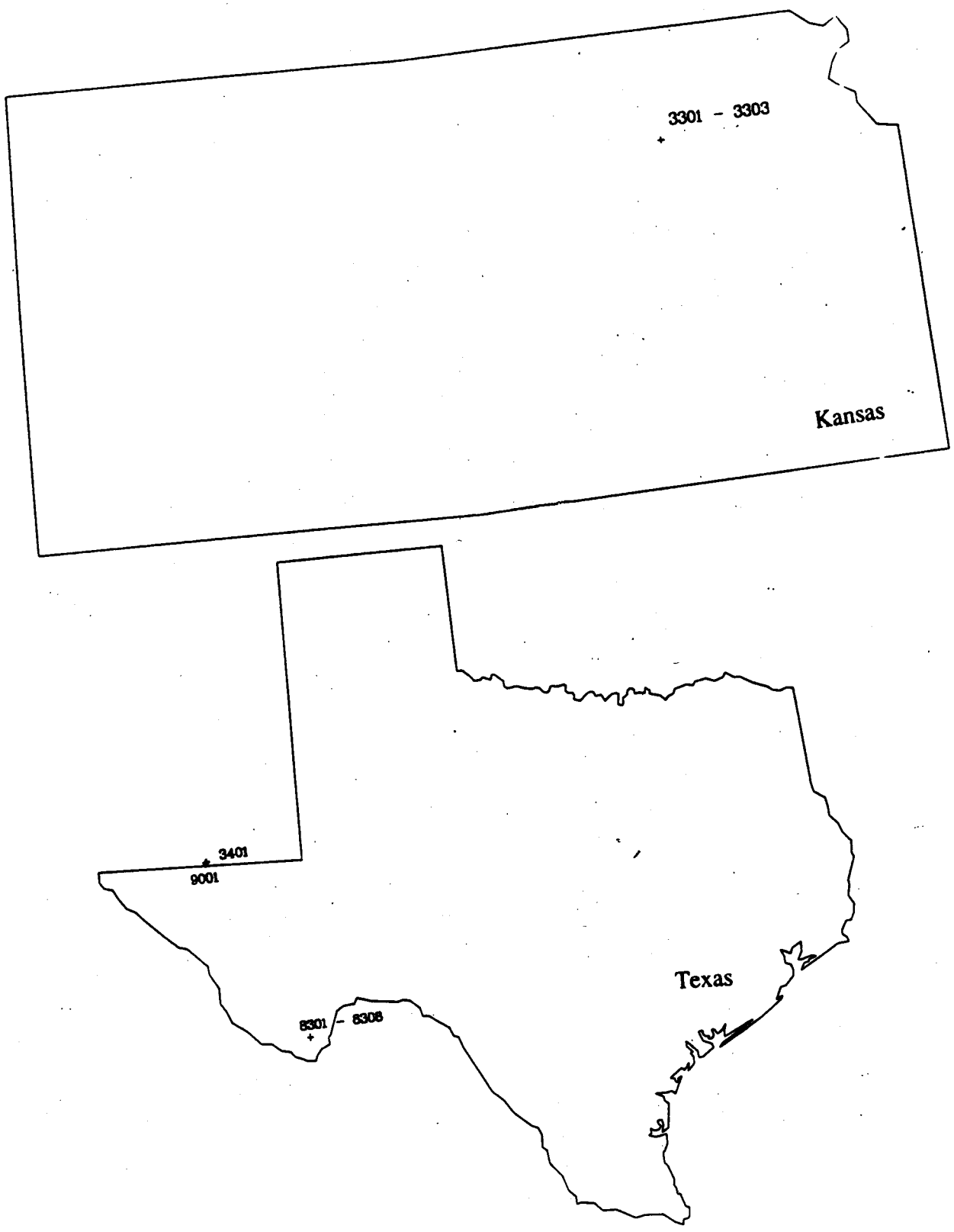


Fire History Database Site Locations

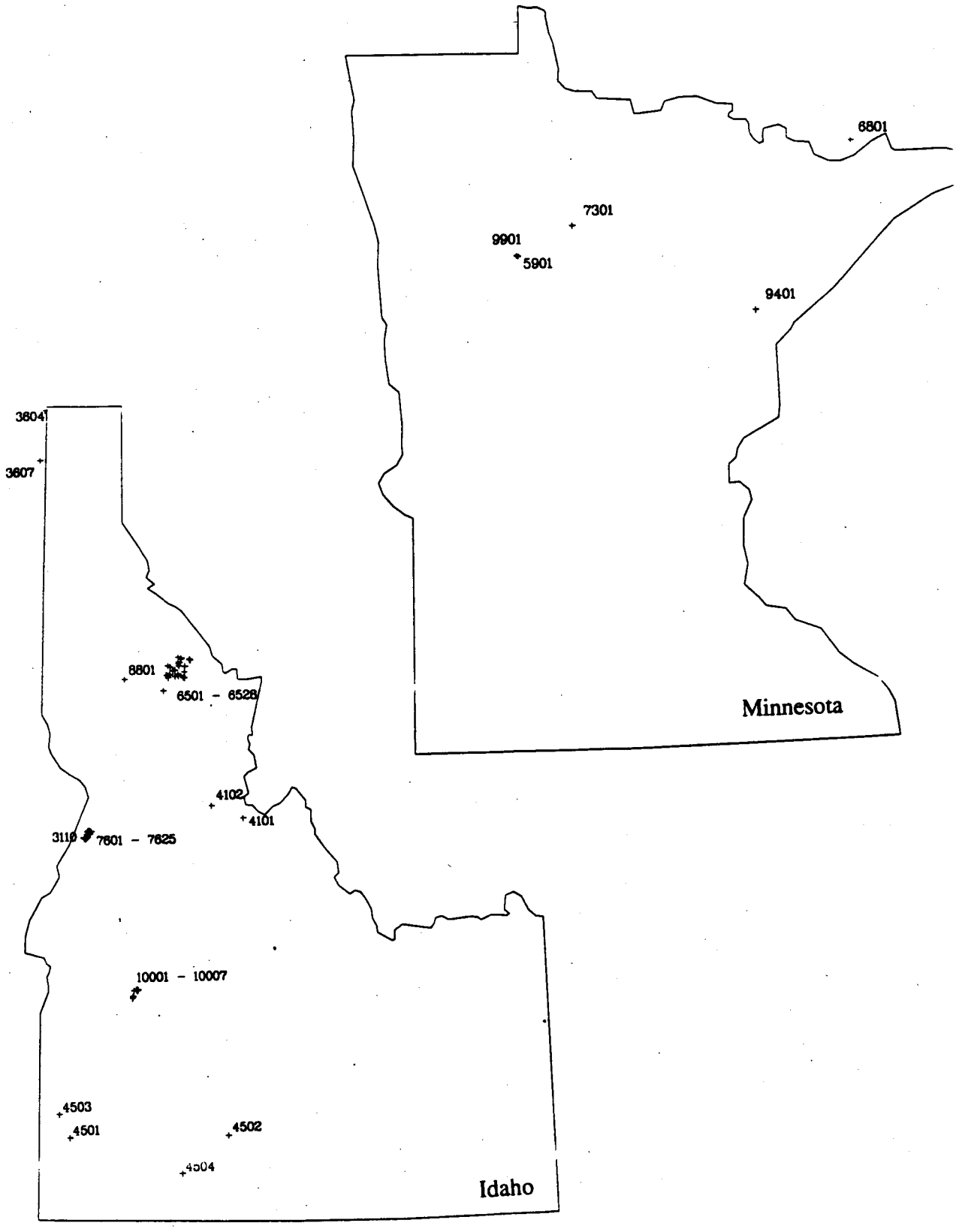




Fire History Database Site Locations



Fire History Database Site Locations

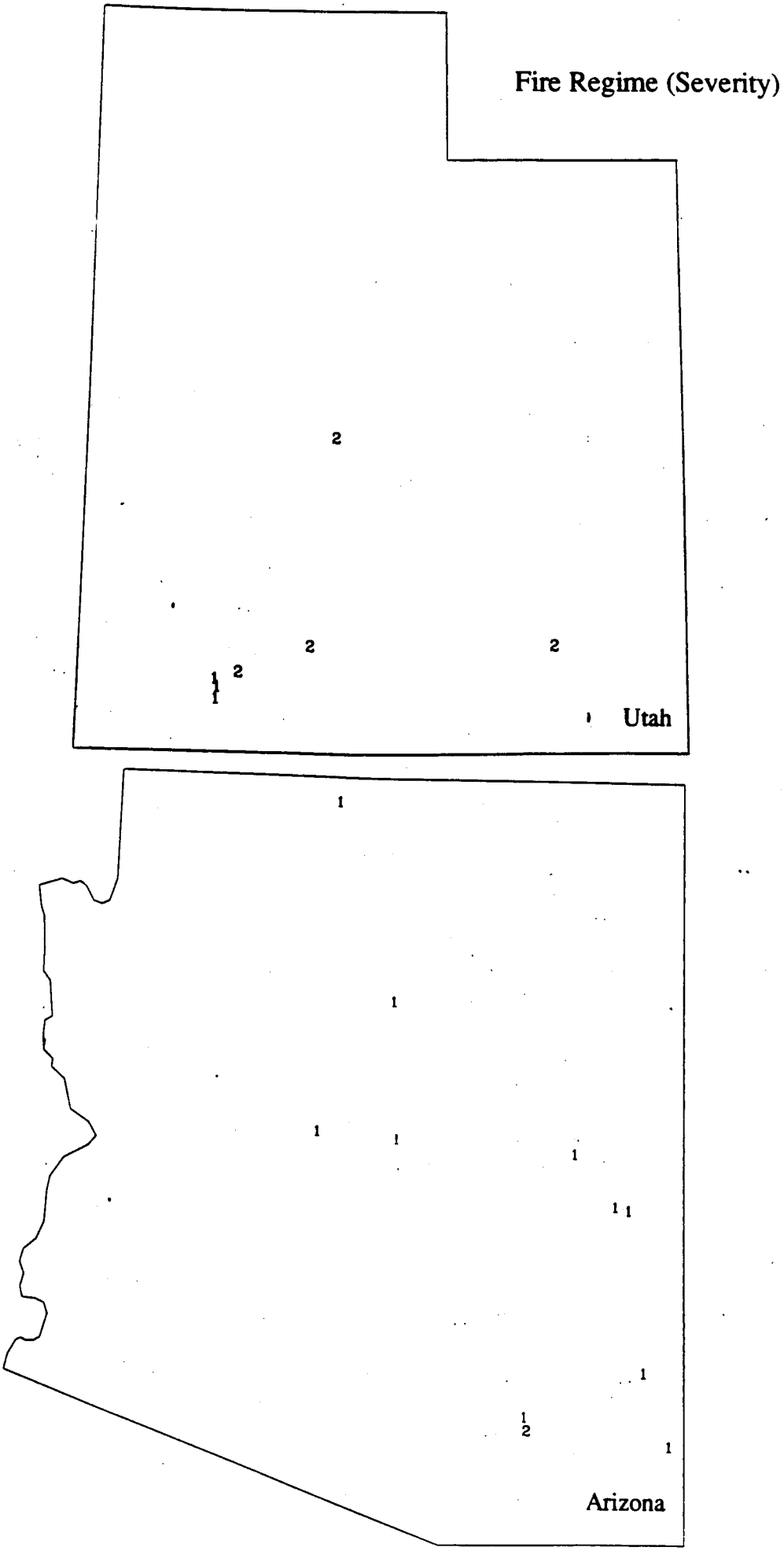


APPENDIX F: MAPS OF FIRE REGIME (SEVERITY) BY STATE

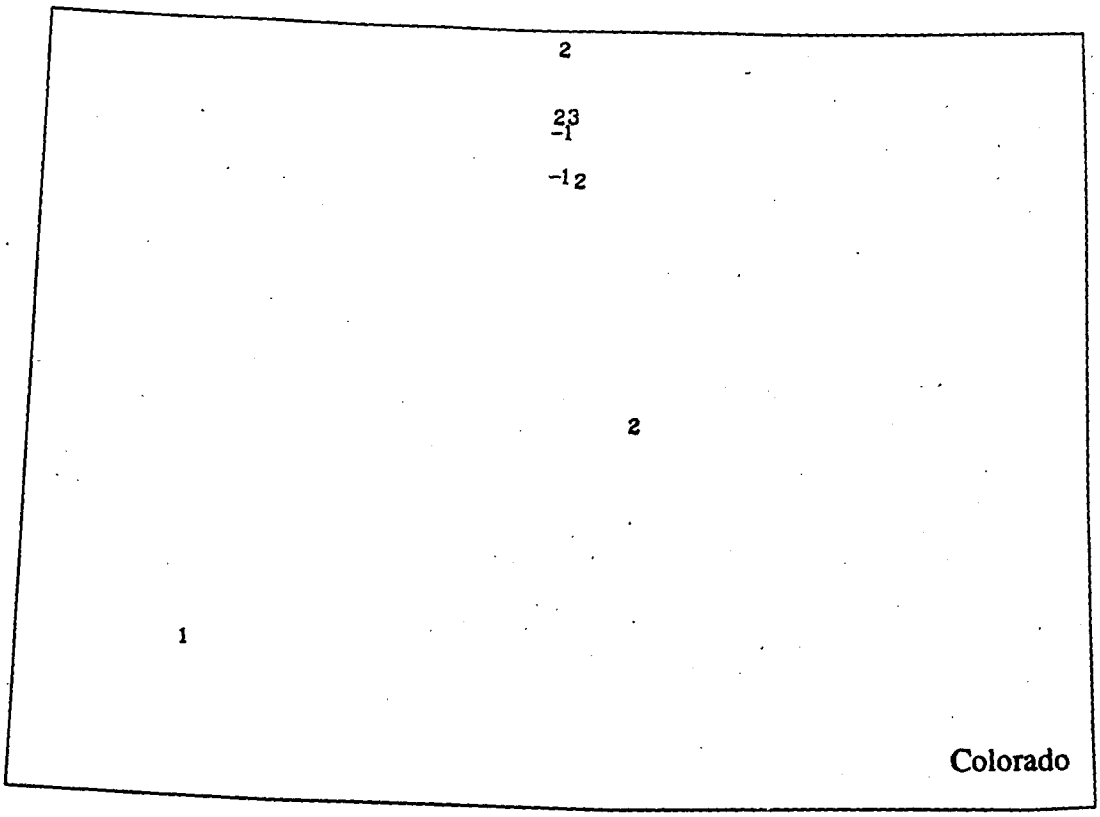
The maps in this appendix display fire regimes based on fire severity.

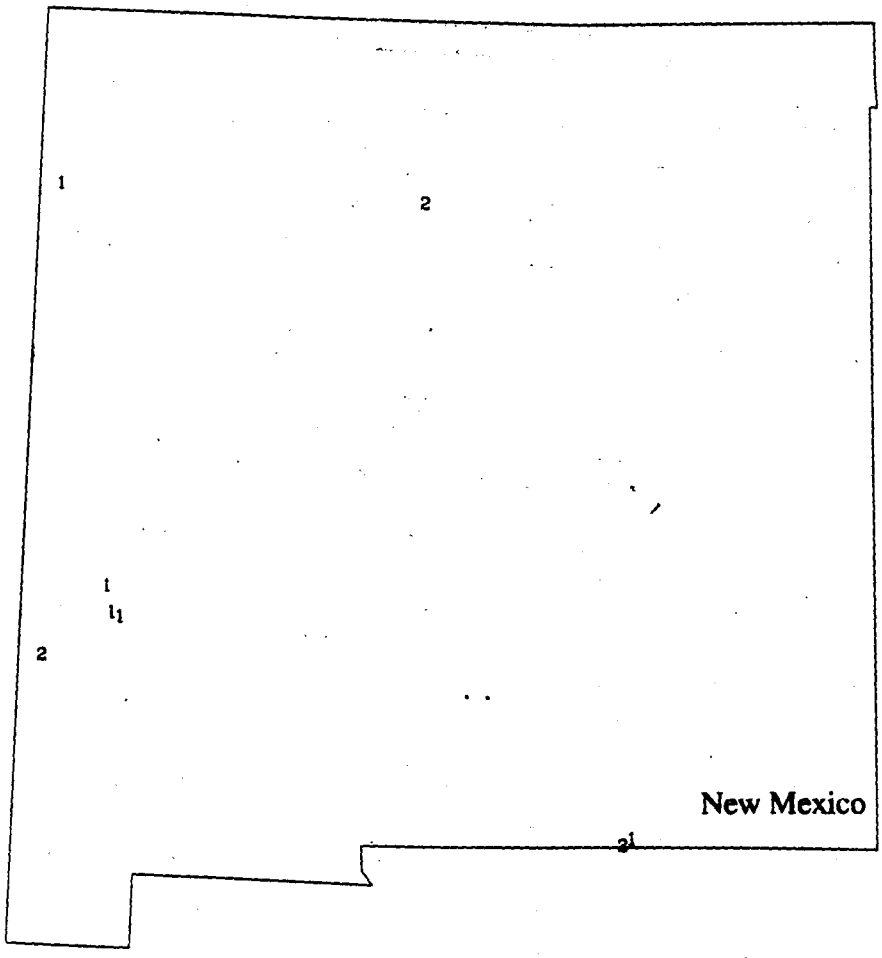
Explanation of map symbols:

-1	No data
1	Low severity
2	Moderate severity
3	High severity


Fire Regime (Severity)
Utah
Arizona

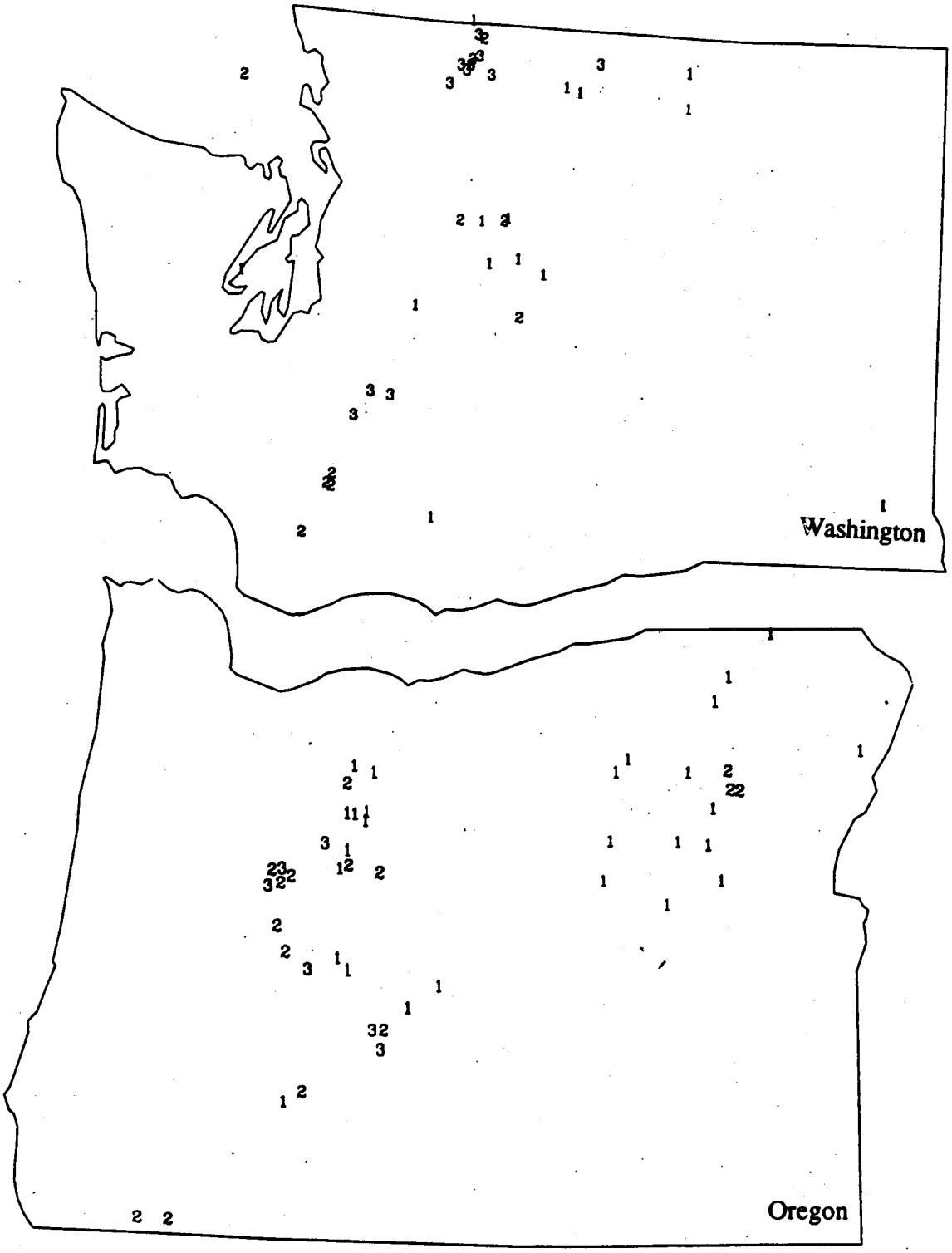
Fire Regime (Severity)



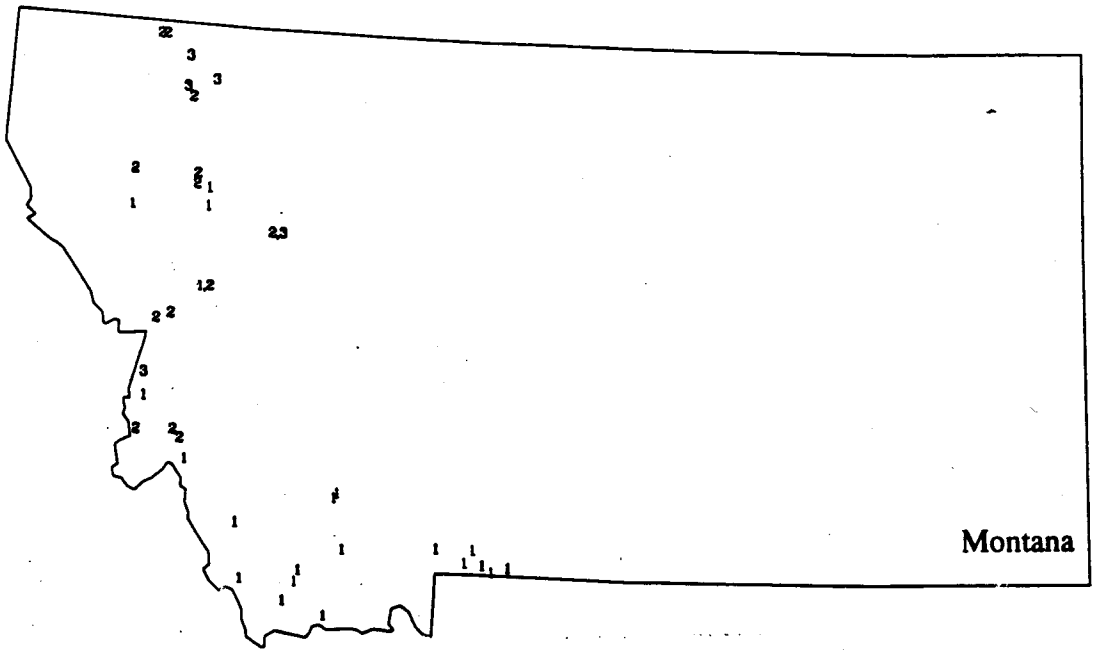


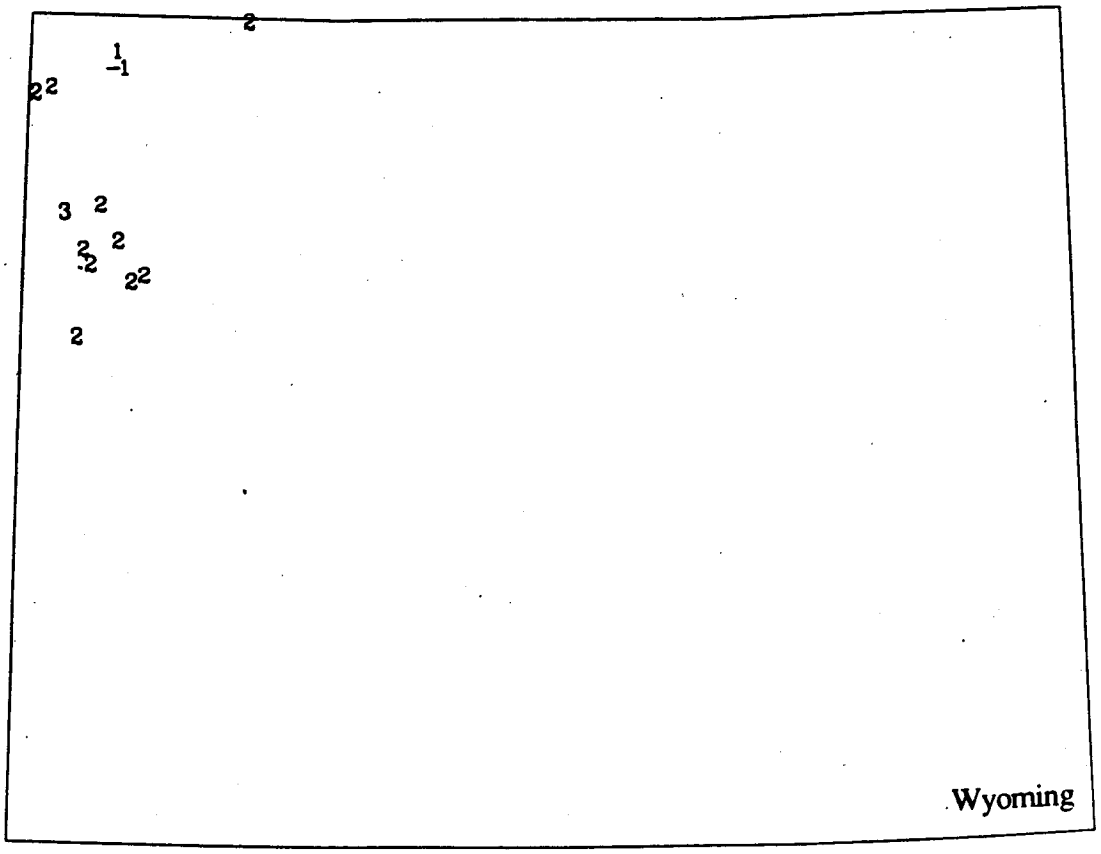
Fire Regime (Severity)

Fire Regime (Severity)

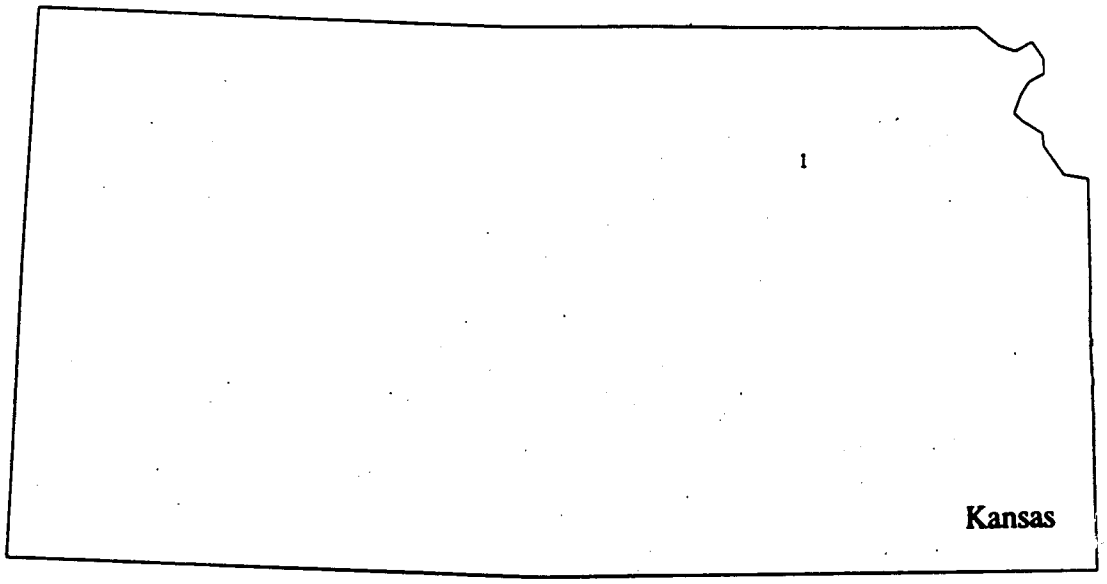


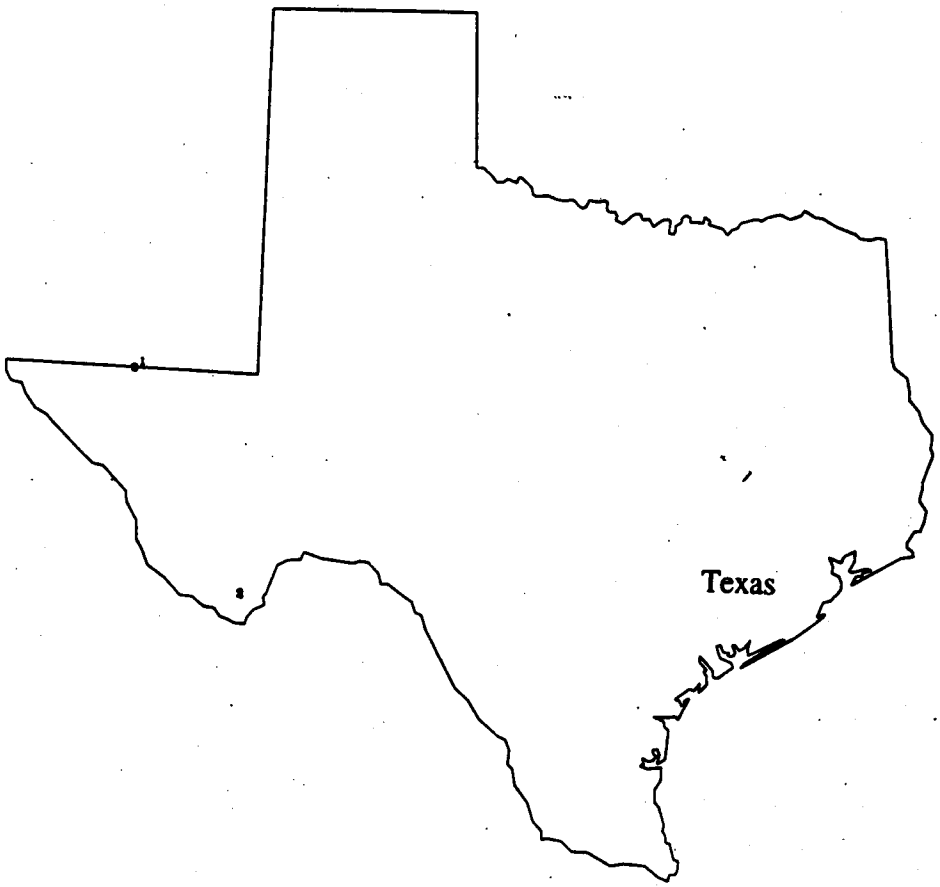
Fire Regime (Severity)





Fire Regime (Severity)





Fire Regime (Severity)

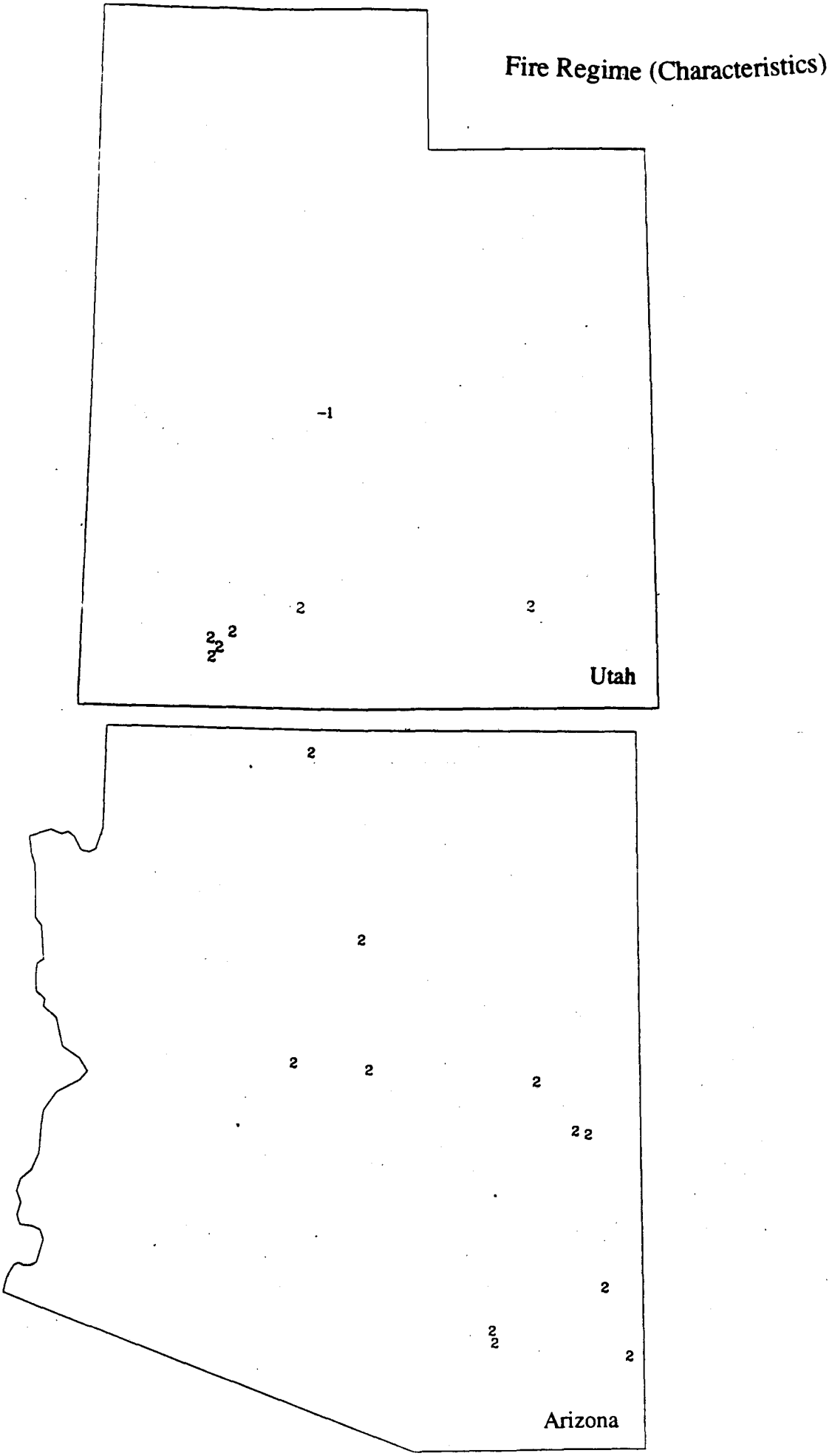
APPENDIX G: MAPS OF FIRE REGIME (CHARACTERISTICS) BY STATE

The maps in this appendix display fire regimes based on frequency and severity characteristics (Heinselman 1973).

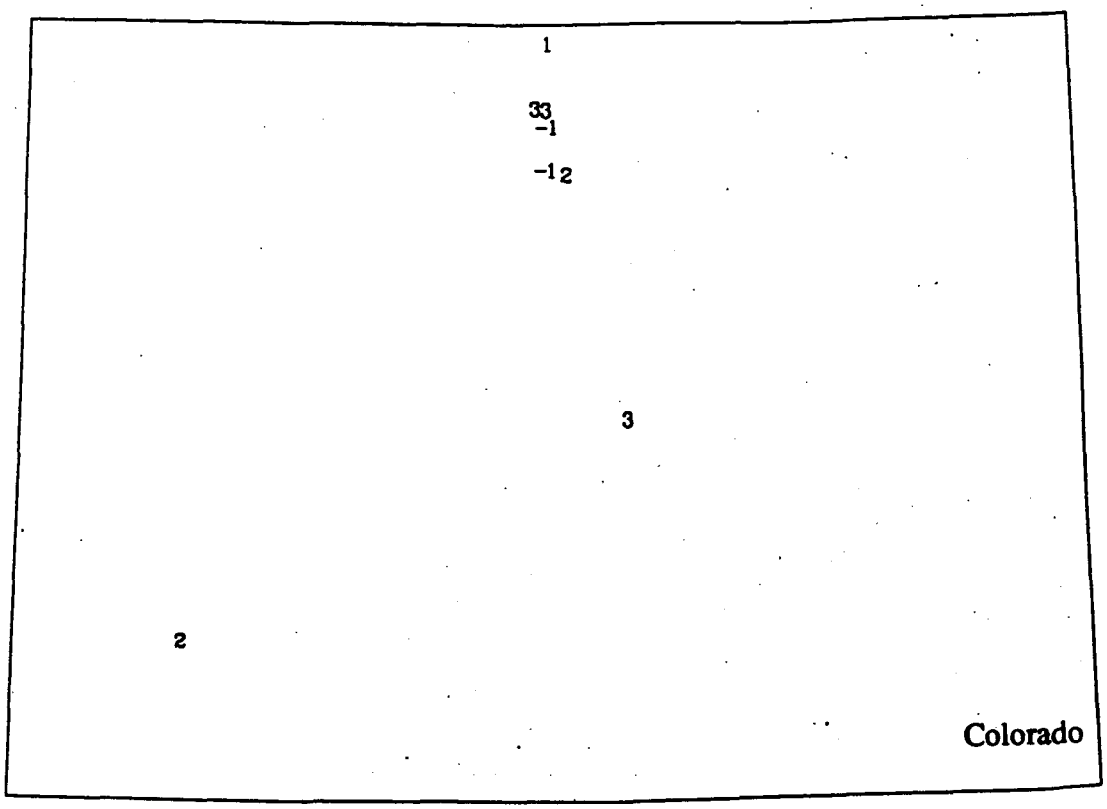
Explanation of map symbols:

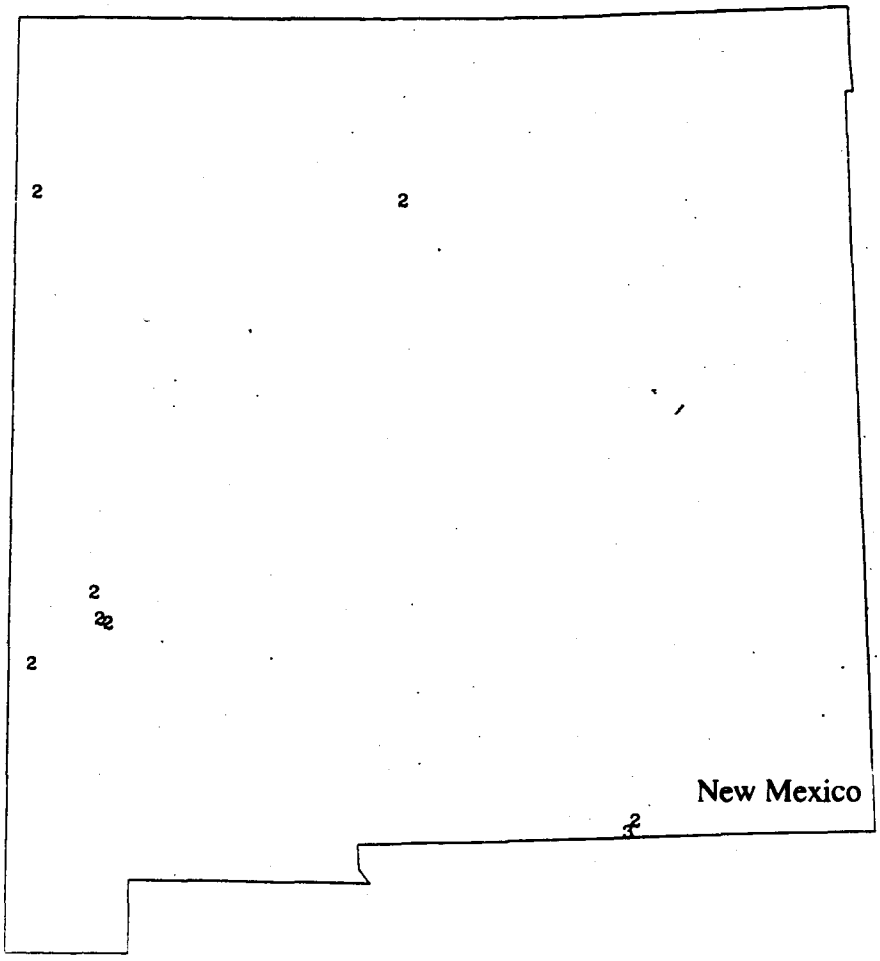
Fire regime number	Description of the regime
-1	No data
0	No natural fire (or very little)
1	Infrequent light surface fires (more than 25 year intervals)
2	Frequent light surface fires (1-25 year return intervals)
3	Infrequent, severe surface fires (more than 25 year return intervals)
4	Short return interval crown fires (25-100 year return intervals)
5	Long return interval crown fires + severe surface fires (100-300 yr return intervals)
6	Very long return interval crown fires+severe surface fires (> 300 yr return intervals)

Fire Regime (Characteristics)

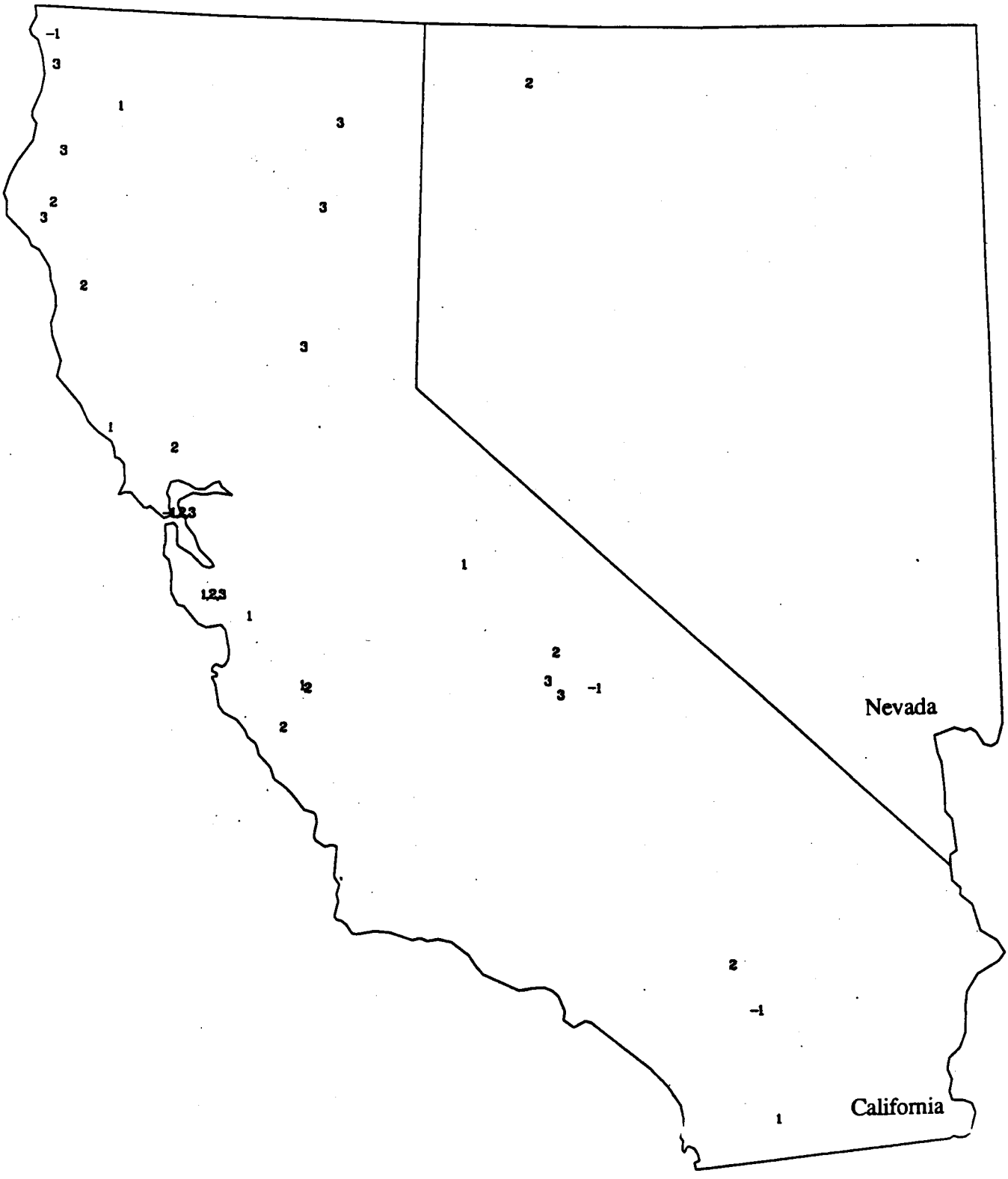


Fire Regime (Characteristics)

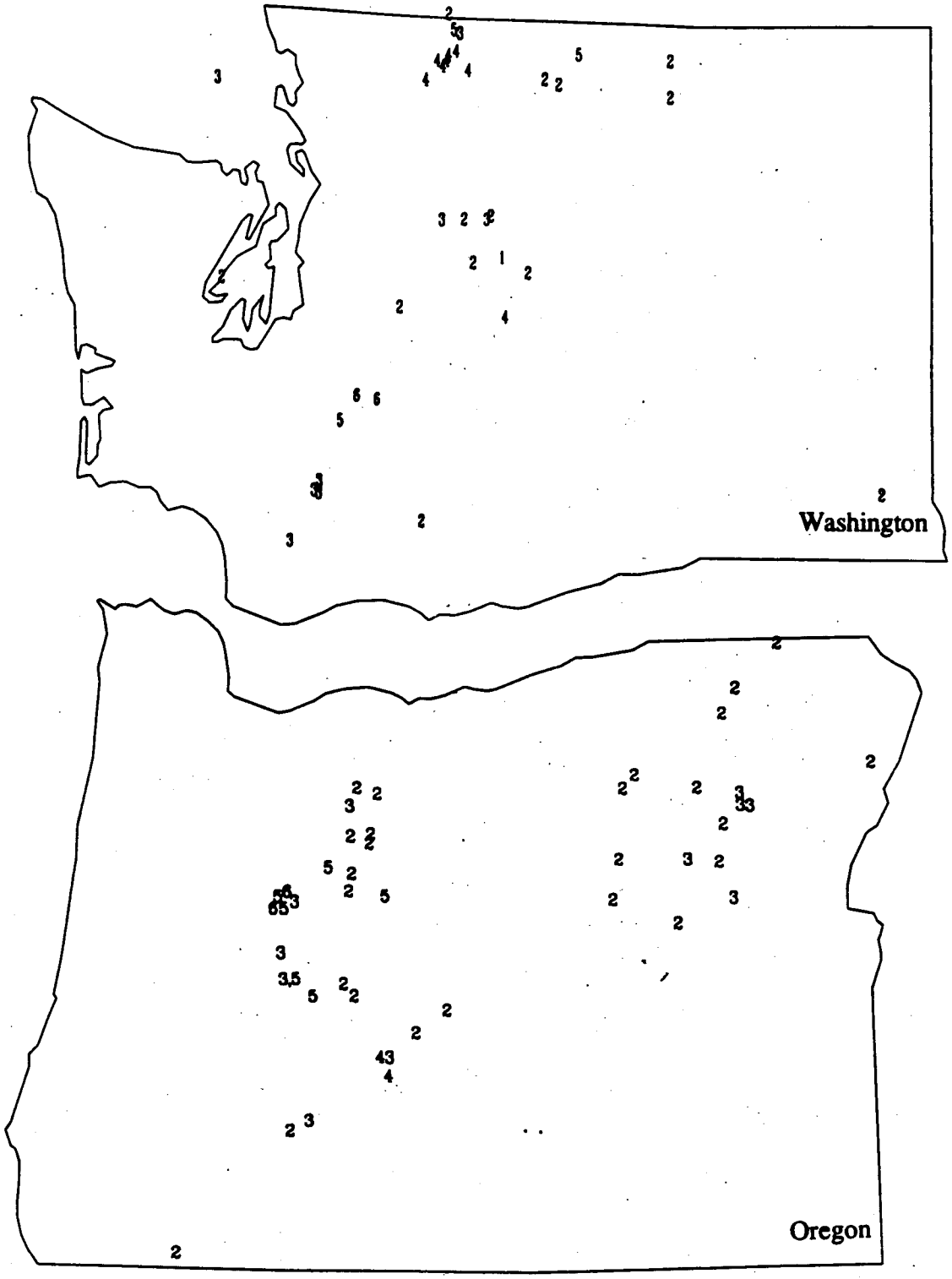




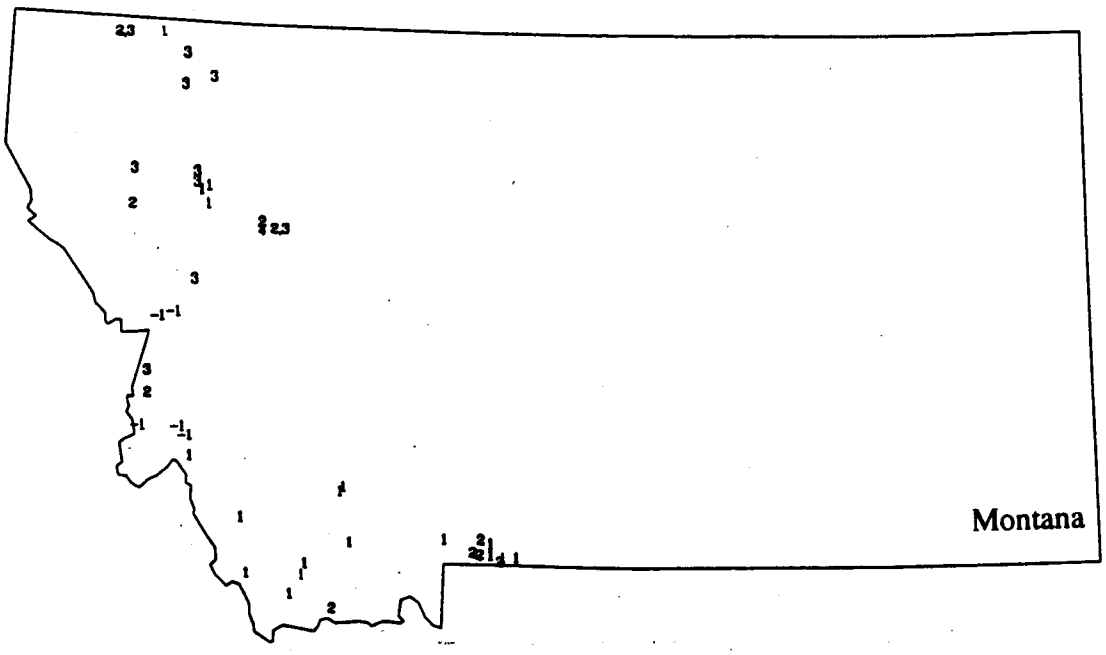
Fire Regime (Characteristics)

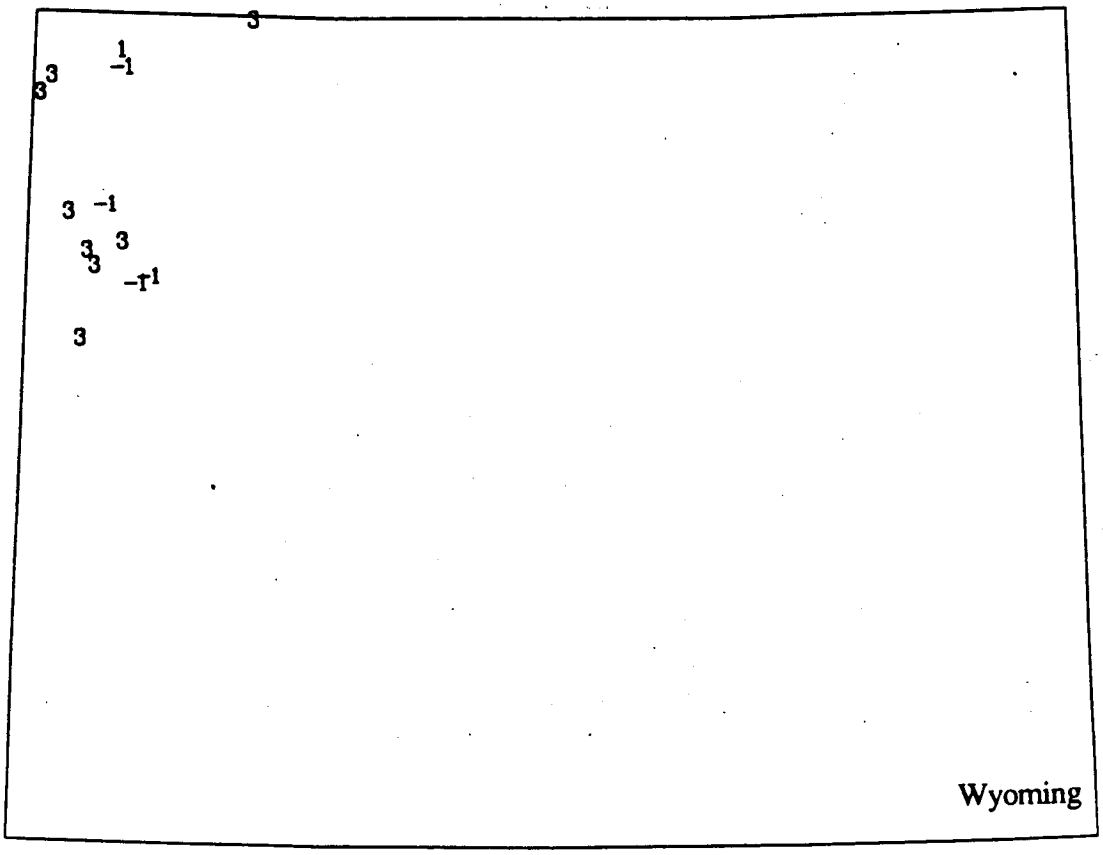


Fire Regime (Characteristics)

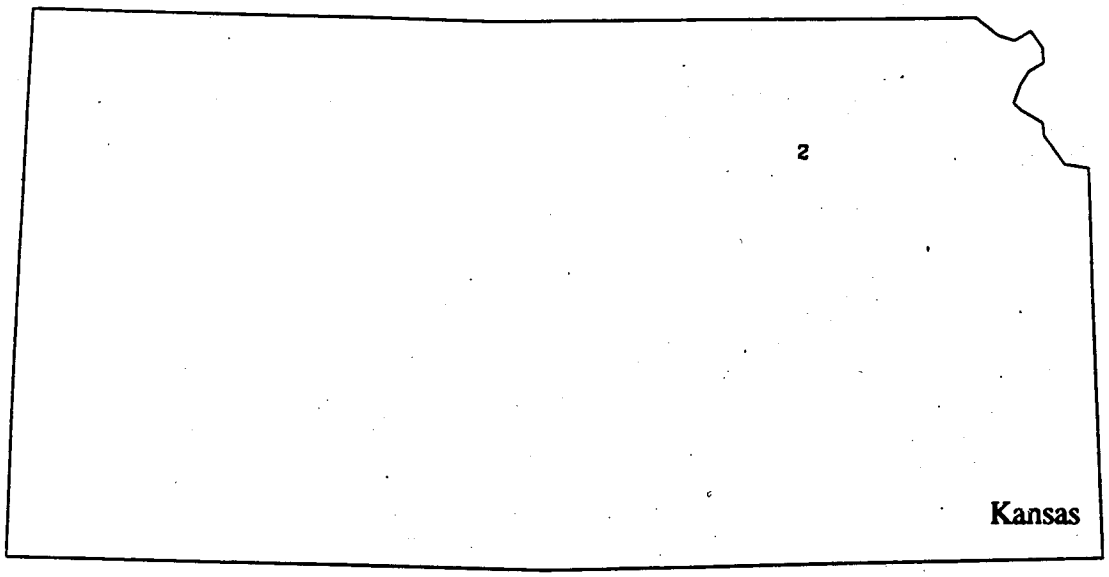


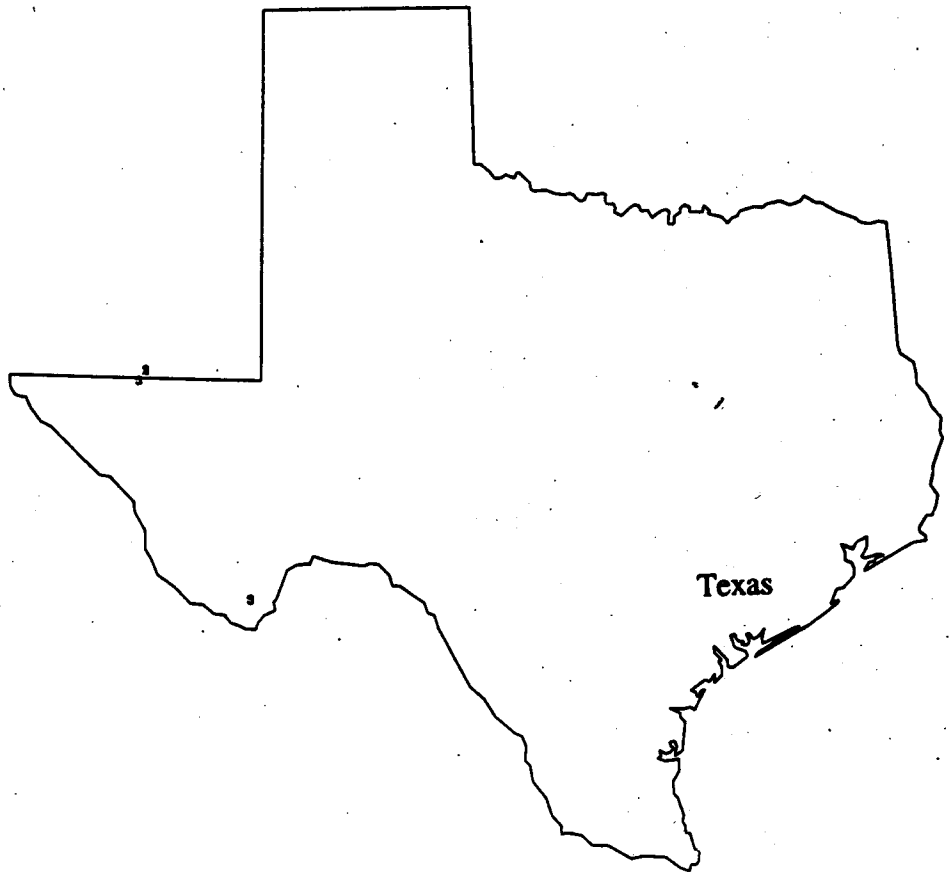
Fire Regime (Characteristics)





Fire Regime (Characteristics)





Fire Regime (Characteristics)