http://akenergyinventory.org/metadata/BIO2007-1.faq.html

**Fairbanks Timber Sales**

Metadata also available as - [[Parseable text](http://akenergyinventory.org/metadata/BIO2007-1.txt)] - [[XML](http://akenergyinventory.org/metadata/BIO2007-1.xml)]

**Frequently-anticipated questions:**

* [What does this data set describe?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#what)
  1. [How should this data set be cited?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#what.1)
  2. [What geographic area does the data set cover?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#what.2)
  3. [What does it look like?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#what.3)
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* [Who produced the data set?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#who)
  1. [Who are the originators of the data set?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#who.1)
  2. [Who also contributed to the data set?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#who.2)
  3. [To whom should users address questions about the data?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#who.3)
* [Why was the data set created?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#why)
* [How was the data set created?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#how)
  1. [From what previous works were the data drawn?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#how.1)
  2. [How were the data generated, processed, and modified?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#how.2)
  3. [What similar or related data should the user be aware of?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#how.3)
* [How reliable are the data; what problems remain in the data set?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#quality)
  1. [How well have the observations been checked?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#quality.1)
  2. [How accurate are the geographic locations?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#quality.2)
  3. [How accurate are the heights or depths?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#quality.3)
  4. [Where are the gaps in the data? What is missing?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#quality.4)
  5. [How consistent are the relationships among the data, including topology?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#quality.5)
* [How can someone get a copy of the data set?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#getacopy)
  1. [Are there legal restrictions on access or use of the data?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#getacopy.0)
  2. [Who distributes the data?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#getacopy.1)
  3. [What's the catalog number I need to order this data set?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#getacopy.2)
  4. [What legal disclaimers am I supposed to read?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#getacopy.3)
  5. [How can I download or order the data?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#getacopy.4)
* [Who wrote the metadata?](http://akenergyinventory.org/metadata/BIO2007-1.faq.html#metaref)

**What does this data set describe?**

*Title:* Fairbanks Timber Sales

*Abstract:*

Timber sales sold by the State of Alaska, Department of Natural Resources, Division of Forestry, Fairbanks Area, between 1963 and 2007.

1. **How should this data set be cited?**

Department of Natural Resources, Division of Forestry, 2007, Fairbanks Timber Sales: Biomass Energy BIO 2007-1, State of Alaska, Department of Commerce, Community & Economic Development, Alaska Energy Authority, Anchorage, AK.

Online Links:

* + [<http://akenergyinventory.org/data>](http://akenergyinventory.org/data)

1. **What geographic area does the data set cover?**

*West\_Bounding\_Coordinate:* -150.198432

*East\_Bounding\_Coordinate:* -146.278152

*North\_Bounding\_Coordinate:* 65.157394

*South\_Bounding\_Coordinate:* 64.168100

1. **What does it look like?**
2. **Does the data set describe conditions during a particular time period?**

Beginning\_Date: 04-Jan-1963

Ending\_Date: 16-May-2007

*Currentness\_Reference:* ground condition

1. **What is the general form of this data set?**

*Geospatial\_Data\_Presentation\_Form:* vector digital data

1. **How does the data set represent geographic features?**
   * **How are geographic features stored in the data set?**

This is a Vector data set. It contains the following vector data types (SDTS terminology):

* + - G-polygon (897)
  + **What coordinate system is used to represent geographic features?**

*Grid\_Coordinate\_System\_Name:* Universal Transverse Mercator

*Universal\_Transverse\_Mercator:*

*UTM\_Zone\_Number:* 6

*Transverse\_Mercator:*

*Scale\_Factor\_at\_Central\_Meridian:* 0.999600

*Longitude\_of\_Central\_Meridian:* -147.000000

*Latitude\_of\_Projection\_Origin:* 0.000000

*False\_Easting:* 500000.000000

*False\_Northing:* 0.000000

Planar coordinates are encoded using coordinate pair  
Abscissae (x-coordinates) are specified to the nearest 0.001024  
Ordinates (y-coordinates) are specified to the nearest 0.001024  
Planar coordinates are specified in meters

The horizontal datum used is North American Datum of 1983.  
The ellipsoid used is Geodetic Reference System 80.  
The semi-major axis of the ellipsoid used is 6378137.000000.  
The flattening of the ellipsoid used is 1/298.257222.

1. **How does the data set describe geographic features?**

**fairbanks\_timber\_sales**

Object type is vector, there are 897 rows associated with this entity, and the entity values refer to timber sales sold by the State of Alaska, Department of Natural Resources, Division of Forestry, Fairbanks Area, between 1963 and 2007. (Source: Alaska Division of Forestry)

**SALE\_NUMBE**

State Division of Forestry internal record keeping number. (Source: Alaska Division of Forestry)

*Internal sales number kept by the Division of Forestry; NC-9999, where 9999 is a unique record number.*

**SALE\_UNIT**

Number used when timber sale is comprised of more than one timber stand. (Source: Alaska Division of Forestry)

*Sale number combined with unit number; NC-9999-99, where 9999-99 is the unique sales number followed by the stand number.*

**ADL\_NUMBER**

Reference number used for Alaska Division of Lands filing system. (Source: Alaska Division of Lands)

*Internal reference number, in this case between 0 and 417830.*

**PURCHASER**

Name of purchaser of timber sale. (Source: Alaska Division of Forestry)

*Proper name of individual or group associated with the sale.*

**TOWNSHIP**

Legal description of timber sale. Refers to the township number and directionality. (Source: Alaska Division of Forestry)

*T (assumed) 7S, where T means "township", the number is the township identifier, and S is the directionality (Township 7 South in this example).*

**RANGE**

Legal description of timber sale. Refers to the range number and directionality. (Source: Alaska Division of Forestry)

*R (assumed) 3W, where R means "range", the number is the range identifier, and W is the directionality (Range 3 West in this example).*

**SECTIONS**

Legal description of timber sale. Refers to the township and range section number. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 1 |
| **Maximum:** | 36 |
| **Units:** | section |

**DATE\_SOLD**

Timber sale sold date. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 1/4/1963 |
| **Maximum:** | 5/16/2007 |
| **Units:** | calendar date |

**EXPIRATION**

Timber sale contract expiration date. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 5/21/1971 |
| **Maximum:** | 5/31/2010 |
| **Units:** | calendar date |

**TERM\_DATE**

Actual timber sale termination date. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 5/21/1972 |
| **Maximum:** | 3/15/2007 |
| **Units:** | calendar date |

**NEGOTIATED**

Whether or not the timber sale has been negotiated by any means other than a bid sale. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Value** | **Definition** |
| N | Timber sale was negotiated by a bid sale. |
| Y | Timber sale was not negotiated by a bid sale. |

**AVG\_VAL\_SC**

Average value in cash of the sawtimber component in dollars per hundred cubic feet of volume. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 80 |
| **Units:** | dollars per hundred cubic feet of volume |

**AVG\_VAL\_FC**

Average value in cash of the fuelwood component in dollars per hundred cubic feet of volume. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 778 |
| **Units:** | dollars per hundred cubic feet of volume |

**SAW\_CCF**

Timber sale volume of sawtimber in hundred cubic feet. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 17529 |
| **Units:** | hundred cubic feet |

**FUEL\_CCF**

Timber sale volume of fuelwood in hundred cubic feet. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 5084 |
| **Units:** | hundred cubic feet |

**SAW\_CCF\_AC**

Average volume of sawtimber per acre in hundred cubic feet. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 57.8 |
| **Units:** | hundred cubic feet per acre |

**FUEL\_CCF\_A**

Average volume of fuelwood per acre in hundred cubic feet. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 30 |
| **Units:** | hundred cubic feet per acre |

**SALE\_VOL\_C**

Total timber volume of sale in hundred cubic feet. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 37756.21 |
| **Units:** | hundred cubic feet |

**BIRCH\_VOL**

Total birch timber volume of sale in hundred cubic feet. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 2327 |
| **Units:** | hundred cubic feet |

**SP\_FUEL\_VO**

Total spruce fuelwood timber volume of sale in hundred cubic feet. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 1005.09 |
| **Units:** | hundred cubic feet |

**ASPEN\_VOL**

Total aspen timber volume of sale in hundred cubic feet. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 780 |
| **Units:** | hundred cubic feet |

**SOLD\_FOR**

Revenue in dollars returned to the state from sale of timber. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 1164558 |
| **Units:** | dollars |

**TOTAL\_VALU**

Total sale value equals selling value plus road development and other improvements. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 1164558 |
| **Units:** | dollars |

**IMPROVE\_**

Value of road development and other improvements. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 231472.41 |
| **Units:** | dollars |

**SALE\_BOND**

Payment by purchaser to bond the sale. Returned to purchaser upon successful sale completion. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 56908.6 |
| **Units:** | dollars |

**ROAD\_BOND**

Payment by purchaser to bond road construction for the sale. Returned to purchaser upon successful road completion. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 164000 |
| **Units:** | dollars |

**SALE\_NAME**

Name of timber sale (Source: Alaska Division of Forestry)

*Name for the sale, commonly derived from a local geographic feature.*

**HARVEST\_TY**

Type of harvest such as partial cut, clearcut, seed tree cut etc. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Value** | **Definition** |
| Ag salvage | All trees cut within the sale area which will be cleared for agricultural use |
| Clear ROW for birch | All trees cut in the right of way |
| Clearcut | All trees cut within the sale area |
| Fire salvage | All trees cut which have been burned |
| Partial cut for birch | All birch trees cut above a certain diameter limit or marked on the ground to be cut |
| Partial cut for spruce | All spruce and birch trees cut above a certain diameter limit or marked on the ground to be cut |
| Partial cut for spruce and birch | All spruce and birch trees cut above a certain diameter limit or marked on the ground to be cut |
| Partial cut for spruce, birch, and aspen | All spruce, birch and aspen trees cut above a certain diameter limit or marked on the ground to be cut |
| Partial cut for dead & dying spruce only | All dead and dying spruce trees cut above a certain diameter limit or marked on the ground to be cut |
| Partial cut/diameter limit | Trees cut above a certain diameter limit or marked on the ground to be cut |
| Partial cut/leave tree birch 50' spacing | All birch trees cut above a certain diameter limit, but leave one birch standing every 50 feet |
| River salvage | All trees cut which have been killed by flooding |
| Salvage | All trees cut which have been killed by fire or flooding |
| Select cut for aspen | All aspen trees cut that have been marked on the ground |
| Select cut for birch | All birch trees cut that have been marked on the ground |
| Select cut for birch and aspen | All birch and aspen trees cut that have been marked on the ground |
| Select cut for Br & As | All aspen trees cut that have been marked on the ground |
| Select cut for spruce | All spruce trees cut that have been marked on the ground |
| Select cut for spruce and cottonwood | All spruce and cottonwood trees cut that have been marked on the ground |
| Select cut for spruce, fuel from ROW | All spruce trees cut that have been marked on the ground, all trees less than 9 inches diameter cut within right of way |
| Select cut for spruce, rest ROW | All spruce trees cut that have been marked on the ground, all trees cut within right of way |
| Select cut sp in some and br in others | All spruce and birch trees cut that have been marked on the ground |
| Select for birch | All birch trees cut that have been marked on the ground |
| Select cut for br, rest ROW | All birch trees cut that have been marked on the ground, all trees cut within right of way |
| Select for sp, br in ROW | All spruce trees cut that have been marked on the ground, all birch trees cut within right of way |
| Select for sp, fuel in ROW | All spruce trees cut that have been marked on the ground, all trees less than 9 inches diameter cut within right of way |
| Select for sp, others select for br | All spruce and birch trees cut that have been marked on the ground |

**Unit**

Number used when timber sale is comprised of more than one timber stand. (Source: Alaska Division of Forestry)

*Unit number for multi-stand sale, in this case 0-48.*

**STATUS**

Description of current status such as whether the sale is active, terminated, proposed or unsold. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Value** | **Definition** |
| Active | The timber sale is currently under contract |
| Offered | The timber has been offered for sale and remains available over the counter |
| Proposed | The timber sale is proposed to be sold |
| Terminated | The timber sale contract is terminated and closed out |
| Unsold | The timber has been offered for sale and is not available over the counter |

**Acreage**

Area in acres of individual units for each sale. (Source: Alaska Division of Forestry)

|  |  |
| --- | --- |
| **Range of values** | |
| **Minimum:** | 0 |
| **Maximum:** | 1521.53525133 |
| **Units:** | acres |

**Who produced the data set?**

1. **Who are the originators of the data set?** (may include formal authors, digital compilers, and editors)
   * Department of Natural Resources, Division of Forestry
2. **Who also contributed to the data set?**
3. **To whom should users address questions about the data?**

Douglas Hanson  
State of Alaska, Department of Natural Resources, Division of Forestry  
Resource Management Forester  
3700 Airport Way  
Fairbanks, Alaska 99709  
USA

907-451-2602 (voice)  
907-451-2690 (FAX)  
douglas.hanson@alaska.gov

*Hours\_of\_Service:* 8:00-4:30 Monday-Friday

**Why was the data set created?**

The Division of Forestry has been selling timber for many years in the Fairbanks area. The purpose of this map, is to compile all the timber sales in one data set to allow querying of data through time. It allows state resource managers the ability to track timber sales across the landscape to aid in forest management. It provides the public with documentation of timber sales on state land and a basis to comment on future sales.

**How was the data set created?**

1. **From what previous works were the data drawn?**
2. **How were the data generated, processed, and modified?**

Date: Oct-2006 (process 1 of 2)

Timber sale attributes were researched from individual timber sale files. Timber sale boundaries digitized from paper contract files were re-positioned to align to timber sale cut boundaries that appear on SPOT satellite imagery.

Date: 30-Jun-2008 (process 2 of 2)

Metadata updated by Ken Papp (Metadata Manager, Alaska Energy Data Inventory Project Manager, Alaska Division of Geological & Geophysical Surveys). Significant additions were made to the "Entity\_and\_Attribute\_Information" to provide better descriptions of attributes and enumerated values. Metadata was also validated by the USGS Metadata Parser, mp.

1. **What similar or related data should the user be aware of?**

**How reliable are the data; what problems remain in the data set?**

1. **How well have the observations been checked?**

Location of timber sales was determined by digitizing old contract paper maps. Newer timber sale boundaries are created from GPS ground data.

1. **How accurate are the geographic locations?**
2. **How accurate are the heights or depths?**
3. **Where are the gaps in the data? What is missing?**

Small negotiated timber sales do not appear in the data set.

1. **How consistent are the relationships among the observations, including topology?**

Polygon topology present and clean on appropriate data.

**How can someone get a copy of the data set?**

**Are there legal restrictions on access or use of the data?**

*Access\_Constraints:*

This report, map, and/or data set have been published as part of the Alaska Energy Data Inventory (AEDI) project. The vector layers may be accessed and downloaded at the user's convenience. This data set is also available directly from the State of Alaska, Department of Natural Resources, Division of Forestry. It is available on an internet mapping web site at [<http://katmai.dnr.state.ak.us/mox5/fairbanks2.cfm?&action=mox5\_if\_frameset>](http://katmai.dnr.state.ak.us/mox5/fairbanks2.cfm?&action=mox5_if_frameset) and is contained within the Forest Resources layer under the Timber Sales folder. The Internet Explorer web browser is required to view the map interface.

*Use\_Constraints:*

Any hard copies or published datasets utilizing these datasets shall clearly indicate their source. If the user has modified the data in any way, the user is obligated to describe the types of modifications the user has made. User specifically agrees not to misrepresent these datasets, nor to imply that changes made by the user were approved by the State of Alaska, Department of Natural Resources, Division of Forestry.

1. **Who distributes the data set?** (Distributor 1 of 1)

State of Alaska, Department of Commerce, Community & Economic Development, Alaska Energy Authority  
Renewable Energy Program Manager  
813 W. Northern Lights Blvd.  
Anchorage, AK 99504  
USA

907-771-3039 (voice)  
907-771-3044 (FAX)  
pcrimp@aidea.org

*Hours\_of\_Service:* 8 am to 4:30 pm, Monday through Friday, except State holidays

*Contact\_Instructions:*

Please view our web site ([<http://akenergyinventory.org>](http://akenergyinventory.org/)) for the latest information on available data. Please contact us using the e-mail address provided above when possible.

1. **What's the catalog number I need to order this data set?**

Biomass Energy 2007-1

1. **What legal disclaimers am I supposed to read?**

The State of Alaska makes no express or implied warranties (including warranties of merchantability and fitness) with respect to the character, function, or capabilities of the electronic services or products or their appropriateness for any user's purposes. In no event will the State of Alaska be liable for any incidental, indirect, special, consequential, or other damages suffered by the user or any other person or entity whether from the use of the electronic services or products, any failure thereof, or otherwise, and in no event will the State of Alaska's liability to the requester or anyone else exceed the fee paid for the electronic service or product.

1. **How can I download or order the data?**
   * **Availability in digital form:**

|  |  |
| --- | --- |
| **Data format:** | Google Earth KML (version KML Version 2.2) |
| **Network links:** | [<http://akenergyinventory.org/data>](http://akenergyinventory.org/data) |

|  |  |
| --- | --- |
| **Data format:** | ArcGIS Shapefile (version ESRI ArcGIS 9.x) |
| **Network links:** | [<http://akenergyinventory.org/data>](http://akenergyinventory.org/data) |

|  |  |
| --- | --- |
| **Data format:** | ArcGIS Shapefile (version ESRI ArcGIS 9.x) |
| **Network links:** | [<http://katmai.dnr.state.ak.us/mox5/fairbanks2.cfm?&action=mox5\_if\_frameset>](http://katmai.dnr.state.ak.us/mox5/fairbanks2.cfm?&action=mox5_if_frameset) |

* + **Cost to order the data:**

No fees apply. The data can be downloaded free of charge from the URL listed in "Standard\_Order\_Process | Network\_Resource\_Name." Scanned images, GIS shapefiles, and Google Earth files of these products may be viewed online or downloaded for free from the Alaska Energy Data Inventory website.

1. **What hardware or software do I need in order to use the data set?**

ESRI ArcGIS 9.+, MapInfo, and/or Google Earth. Please check the MapInfo web site ([<http://www.mapinfo.com/>](http://www.mapinfo.com/)) for the latest documentation on importing ESRI shape files.

**Who wrote the metadata?**

Dates:

Last modified: 26-Jun-2009  
Last Reviewed: 26-Jun-2009  
To be reviewed: 20-Jun-2010

Metadata author:

State of Alaska, Department of Commerce, Community & Economic Development, Alaska Energy Authority  
Energy Data Project Manager  
813 W. Northern Lights Blvd.  
Anchorage, AK 99504  
USA

907-771-3049 (voice)  
907-451-5050 (FAX)  
kpapp@aidea.org

*Hours\_of\_Service:* 8 am to 4:30 pm, Monday through Friday, except State holidays.

*Contact\_Instructions:*

Please contact us through the e-mail address above whenever possible.

Metadata standard:

FGDC Content Standard for Digital Geospatial Metadata (FGDC-STD-001-1998)

Generated by [mp](http://geology.usgs.gov/tools/metadata/tools/doc/mp.html) version 2.9.8 on Fri Jun 26 20:14:02 2009