

RLC STATE AND REGIONAL BOUNDARIES FOR THE FORMER SOVIET UNION

Summary:

This data set of state and regional boundaries was derived from the 1:3 million scale administrative boundaries (ESRI 1998) for the land area of the Former Soviet Union (FSU). There are 162 administrative regions distinguished in this data set. The vector map of state and regional boundaries for the FSU is in ArcView shapefile format. A graphic map depicting the administrative boundaries is also included (Figure 1).

FSU Administrative Boundaries



Projection:
Lambert Azimuthal Equal Area

Figure 1. State and Regional Boundaries for the Former Soviet Union. Scale 1:3,000,000.

Data Citation:

Cite this data set as follows:

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1. Data Set Overview:

Data Set Contents:

This data set is derived from 1:3 million scale administrative boundaries (ESRI 1998) for the land area of the FSU.

Related Data Sets:

See other Russian Land Cover data sets.

Title of Investigation:

Measuring Changes to Russian Forest Over the Last 25 Years

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Variable	Description	Units	Instrument	Range
ADMINISTRATIVE DIVISIONS	Administrative regions spatially distinguished	Unitless	Analysis	Not applicable

ADMINISTRATIVE DIVISIONS footnote: English

ADMINISTRATIVE DISTRICT	Kamchatka	Odes'ka
	Karachay-Cherkessia	Omsk
	Karaganda	Orel
	Karakalpakstan	Orenburg
Abkhazia	Karelia	Osh
Adygea	Kashkadar'ya	Pavlodar
Ajaria	Kemerovo	Penza
Aktyubinsk	Khabarovsk	Perm'
Alma-Ata	Khakassia	Poltavs'ka
Altay	Kharkivs'ka	Primor'ye
Amur	Khersons'ka	Pskov
Andizhan	Khmel'nyts'ka	Rivnens'ka
Arkhangel'sk	Khorezm	Rostov
Armenia	Khudzhand	Ryazan'
Ashkhabad	Kirov	Sakhalin
Astrakhan'	Kirovohrads'ka	Samara
Baku	Kokchetav	Samarkand
Bashkortostan	Komi	Saratov
Belgorod	Kostroma	Semipalatinsk
Bishkek	Krasnodar	Smolensk
Brest	Krasnovodsk	St. Petersburg
Bryansk	Krasnoyarsk	Stavropol'
Bukhara	Krym	Sums'ka
Buryatia	Kulyab	Surkhandar'ya
Chardzhou	Kurgan	Sverdlovsk
Checheno-Ingushetia	Kurgan Tyube	Syrdar'ya
Chelyabinsk	Kursk	Talas
Cherkas'ka	Kustanay	Taldy Kurgan
Chernihivs'ka	Kyyivs'ka	Tambov
Chernivets'ka	Kzyl-Orda	Tashauz
Chimkent	Latvia	Tashkent
Chita	Lipetsk	Tatarstan
Chuvashia	Lithuania	T'bilisi
Dagestan	Luhans'ka	Ternopil's'ka
Dnipropetrovs'ka	L'vivs'ka	Toms'k
Donets'ka	Magadan	Tselinograd
Dushanbe	Mangyshlak	Tula
Dzhambul	Mari El	Turgay
Dzhezkazgan	Mary	Tuva
Dzhizak	Minsk	Tver'
East Kazakhstan	Mogilev	Tyumen'
Estonia	Moldova	Udmurtia
Fergana Gomel'	Mordvinia	Ul'yanovsk
Gorno-Altay	Moscow	Ural'sk
Grodno	Murmansk	Vinnyts'ka
Gur'yev	Mykolayivs'ka	Vitebsk
Irkutsk	Nakhichevan	Vladimir
Issyk-Kul'	Namangan	Volgograd
Ivano-Frankivs'ka	Naryn	Vologda
Ivanovo	Navoi	Volyns'ka
Kabardino-Balkaria	Nizhny Novgorod	Voronezh
Kaliningrad	North Kazakhstan	Yakutia
Kalmykia	North Ossetia	Yaroslavl'
Kaluga	Novgorod	Zakarpats'ka
	Novosibirsk	Zaporiz'ka
		Zhytomyrs'ka

ADMINISTRATIVE DIVISIONS footnote: Russian

АДМИНИСТРАТИВНЫЕ ЕДИНИЦЫ	Каракалпакия	Ровненская область
Абхазия	Карачаево-	Ростовская область
Аджария	Черкесская АО	Рязанская область
Адыгея	Карелия	Самаркандская
Актыубинская область	Кашкардарьинская	область
Алма-Атинская область	область	Самарская область
Алтайский край	Кемеровская	Саратовская
Амурская область	область	область
Андижанская область	Кзыл-Ординская	Сахалинская
Армения	область	областьСаха-Якутия
Архангельская область	Киевская область	Свердловская
Астраханская область	область	область
Ашхабадская область	Кировоградская	Северная Осетия
Бакинская область	область	Северо-
Башкортостан	Кировская область	Казахстанская
Белгородская область	Кокчетавская	область
Бишкекский район	область	Семипалатинская
Брестская область	КомиКостромская	область
Брянская область	область	Смоленская
Бурятия	Красноводская	область
Бухарская область	область	Ставропольский
Винницкая область	область	край
Витебская область	Красноярский Край	Сумская область
Владимирская область	Крымская область	Сурхандарьинская
Волгоградская область	Кулябская область	область
Вологодская область	Сырдарьинская	область
Волынская область	Курганская область	область
Воронежская область	Курган-Тюбинская	Таласский район
Восточно-	область	Талды-Курганская
Казахстанская область	Курская область	область
Гомельская область	Кустанайская	Тамбовская область
Горно-Алтайская АО	область	Татарстан
Гродненская область	Латвия	Ташаузская область
Гурьевская область	Ленинградская	Ташкентская
Дагестан	область	область
Джамбульская область	Липетская область	Тбилисская область
Джезказганская	Литва	Тверская область
область	Луганская область	Тернопольская
Джизакская область	Львовская область	область
Днепропетровская	Магаданская	Томская область
область	область	Тува
Донецкая область	Мангышлакская	Тульская область
Душанбинский район	область	Тургайская область
Житомирская область	Мари Эл	Тюменская область
Закарпатская область	Марьйская область	Удмуртия
Запорожская область	Минская область	Ульяновская
Ивановская область	Могилевская	область
Ивано-Франковская	область	Уральская область
область	Молдова	Ферганская область
Иркутская область	Мордовия	Хабаровский Край
Иссык-Кульская	Московская	Хакассия
	область	Харьковская
	Мурманская	область

область Кабардино-Балкария Калининградская область Калмыкия Калужская область Камчатская область Карагандинская область	область Навоийская область Наманганская область Нарынская область Нахичевань Нижегородская область Николаевская область Новгородская область Новосибирская область Одесская область Омская область Оренбургская область Орловская область Ошская область Павлодарская область Пензенская область Пермская область Полтавская область Приморский край Псковская область	Херсонская область Хмельницкая область Хорезмская область Худжандская область Целиноградская область Чарджоуская область Челябинская область Черкасская область Черниговская область Черновицкая область Чечено-Ингушетия Чимкентская область Читинская область Чувашия Эстония Ярославльская область
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Future Modifications and Plans:

Variable	Description	Units	Instrument	Range
ADMINISTRATIVE DIVISIONS	Administrative regions spatially distinguished	Unitless	Analysis	Not applicable

ADMINISTRATIVE DIVISIONS footnote: See English and Russian Administrative Districts above.

2. Data Characteristics:

Study Area:

Spatial Coverage:

Min. X: -4737113

Max. X: 3474887

Min. Y: -1595781

Max. Y: 2952219

In meters from 104.5 degrees E, 56.5 degrees N

Spatial Resolution:

1:3 million

Projection:

Lambert Azimuthal Equal Area and Geographic (decimal degrees)

Grid Description:

Temporal Coverage:

Not applicable

Parameter or Variable:

Data Organization:

Please read all companion documentation before using these files:

ftp://daac.ornl.gov/data/russian_land_cover/admin_boundaries/comp/fsuadm_readme.txt and
ftp://daac.ornl.gov/data/russian_land_cover/admin_boundaries/comp/fsuadm_projection.txt.

Granule Name or Description:

fsuadm.tar.gz

Data Format:

Vector map of state and regional boundaries for the FSU in ArcView shapefile format (compressed). Contains five files: fsuadm.shp, fsuadm.shx, fsuadm.dbf, fsuadm.sbx, and fsuadm.sbn. This shapefile is in a geographic (lat/lon) projection (some would say it is unprojected).

Sample Data Record:

Not applicable

Granule Name or Description:

fsuadmla.tar.gz

Data Format:

Vector map of state and regional boundaries for the FSU in ArcView shapefile format (compressed). Contains five files: fsuadmla.shp, fsuadmla.shx, fsuadmla.dbf, fsuadmla.sbx, and fsuadmla.sbn. This shapefile is in a Lambert Azimuthal Equal Area projection.

Sample Data Record:

Not applicable

3. Application and Derivation:

Typical Application of Data:

Regional-, national-, and sub-national-level forest and land use change assessments.

Theory of Measurements:

Not available

Derivation Techniques and Algorithms:

Formulae:

Not applicable

Processing Steps:

The vector data in this data set were subset from the ADMIN.SHP file on the ArcWorld Supplemental CDROM (ESRI 1998) using ArcView v. 3.0a. Data in the file FSUADMLA.SHP were reprojected from the original Geographic projection (using FSUADMG.SHP) to Lambert Azimuthal Equal Area projection using ArcInfo for NT v.7.2.1 using the PROJECT command.

Processing Changes:

Projection: Lambert Azimuthal Equal Area

Datum : none

Ellipsoid : Sphere

Radius of sphere: 6370997.0000

Longitude of Central Meridian : 104.5

Latitude of True Scale: 0.0

False Easting: 0.0

False Northing: 0.0

Special Corrections/Adjustments:

Not applicable

Calculated Variables:

Not applicable

Graphs and Plots Used in Analysis:

Not applicable

4. Quality Assessment:

Data Usage Guidance:

Errors and Limitations:

Not available

Error Sources:

Not available

Limitations of the Data:

Not available

Known Problems with the Data:

Not available

Quality Assessment Activities:

Not available

Other Relevant Information about the Study:

Not available

5. Acquisition Materials and Methods:

Source or Platform Collection Environment:

The source data were subset from the ADMIN shapefile theme on the ArcWorld Supplemental CD-ROM available from ESRI in ArcView 3.0a software format.

Source or Platform Program Management:

Not available

Source or Platform Mission Objectives:

Coverage Information:

Not available

Attitude Characteristics:

Not available

Data Collection System:

Not available

Communication Links:

Not available

List of Sensors or Instruments:

Analysis

Ground Segment Information:

Data Acquisition and Processing:

Not available

Latitude Crossing Times:

Not available

Sensor or Instrument Descriptions

Key Variables:

Not available

Principles of Operation:

Not available

Sensor or Instrument Measurement Geometry:

Not available

Manufacturer of Sensor or Instrument:

Not available

Calibration:

Specifications:

Not applicable

Tolerance:

Not applicable

Frequency of Calibration:

Not applicable

Other Calibration Information:

Not applicable

Data Acquisition Methods:

The source data were subset from the ADMIN shapefile theme on the ArcWorld Supplemental CDROM available from ESRI in ArcView 3.0a software format.

Observations

Data Notes:

Not applicable

6. Data Description and Access:

Data Access:

This data set is available from the Oak Ridge National Laboratory (ORNL) Distributed Active Archive Center (DAAC).

Data Archive Center:

Contact for Data Center Access Information:

E-mail: uso@daac.ornl.gov

Telephone: +1 (865) 241-3952

FAX: +1 (865) 574-4665

Product Availability:

Data can be obtained electronically on the ORNL DAAC's anonymous FTP site or from the DAAC's search and order system. Data files are also available by request from uso@daac.ornl.gov.

Reading the Media:

Not available

Software and Analyses Tools:

Not available

7. References:

The published reference for the source data is:

ESRI. 1998. ArcWorld Supplemental CDROM.

8. Glossary and Acronyms:

Glossary

Acronyms

Acronym Definition

ASCII American Standard Code for Information Interchange

ESRI Environmental Systems Research Institute

GIF Graphics Interchange Format

9. Document Information:

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