

Standard Projections for the state of Idaho

[State Plane Projection](#) offers county data sets by respective zones: 3751 ([West](#)); 3726 ([Central](#)); and 3701 ([East](#)).

[IDTM 83](#) and [IDTM 27](#) offer statewide data sets based on differing false northings and eastings, as well as datums.

IDTM Projections (Statewide Data)

Idaho Transverse Mercator (IDTM83)

Projection Name	Transverse
Units	Meters
Datum	NAD83
Scale Factor at Central Meridian	0.99960
Central Meridian	-114 00 00
Latitude of Origin	42 00 00
False Easting	2500000
False Northing	1200000

Idaho Transverse Mercator (IDTM27)

Projection Name	Transverse
Units	Meters
Datum	NAD27
Scale Factor at Central Meridian	0.99960
Central Meridian	-114 00 00
Latitude of Origin	42 00 00
False Easting	500000
False Northing	100000

Idaho State Plane Projection

(County Data)

State Plane ([West – County List](#))

Projection Name	Transverse Mercator
Units	U.S.foot
Datum	NAD83
Scale Factor at Central Meridian	0.999933
Central Meridian	-115.750000
Latitude of Origin	41.666667
False Easting	2624666.666667
False Northing	0.000000
Zone	3751

State Plane ([Central – County List](#))

Projection Name	Transverse Mecator
Units	U.S.foot
Datum	NAD83
Scale Factor at Central Meridian	0.999947
Central Meridian	-114.000000
Latitude of Origin	41.666667
False Easting	1640416.666667
False Northing	0.000000
Zone	3726

State Plane ([East – County List](#))

Projection Name	Transverse Mercator
Units	U.S.foot
Datum	NAD83
Scale Factor at Central Meridian	0.999947
Central Meridian	-112.166667
Latitude of Origin	41.666667
False Easting	656166.666667
False Northing	0.000000
Zone	3701

Counties List by State Plane Zone

West – Zone 3751

Ada
Adams
Benewah
Boise
Bonner
Boundary
Canyon
Clearwater
Elmore
Gem
Idaho
Kootenai
Latah
Lewis
Nez Perce
Owyhee
Payette
Shoshone
Valley
Washington

East – Zone 3701

Bannock
Bear Lake
Bingham
Bonneville
Caribou
Clark
Franklin
Fremont
Jefferson
Madison
Oneida
Power
Teton

Central – Zone 3726

Blaine
Butte
Camas
Cassia
Custer
Gooding
Jerome
Lemhi
Lincoln
Minidoka
Twin Falls