

ORIGINAL SENATE  
FILE NO. SF0017

ENROLLED ACT NO. 1, SENATE

SIXTY-SEVENTH LEGISLATURE OF THE STATE OF WYOMING  
2024 BUDGET SESSION

AN ACT relating to the plane coordinates system; updating the plane coordinates system for Wyoming; providing for the use of other datums, systems and networks for the system; providing definitions; making conforming amendments; repealing provisions related to obsolete coordinate standards; and providing for an effective date.

*Be It Enacted by the Legislature of the State of Wyoming:*

**Section 1.** W.S. 34-25-109 is created to read:

**34-25-109. Definitions.**

(a) As used in this chapter:

(i) "Metadata" means data that describes other data including utilized geodetic reference system data, applicable epoch, statement or relative accuracy data and date of observation data;

(ii) "NGS" means the national ocean service's national geodetic survey of the national oceanic and atmospheric administration, United States department of commerce or its successor;

(iii) "NSRS" means the national spatial reference system or its successor;

(iv) "Wyoming Plane Coordinate System" means the system of plane coordinates under this chapter that is identical to the state plane coordinate system as defined for the state of Wyoming by NGS.

**Section 2.** W.S. 34-25-101(a), 34-25-102, 34-25-103 and 34-25-105 through 34-25-108 are amended to read:

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**34-25-101. System of plane coordinates adopted.**

(a) ~~The system~~ most recent version of the state plane ~~coordinates which coordinate system for the state of~~ Wyoming that has been established by the office of National ~~Geodetic Survey, or its successors~~ NGS, based on the NSRS ~~for defining and stating the positions or locations of~~ points on the surface of the earth within the state of ~~Wyoming is adopted and hereafter shall be known and~~ designated as the "Wyoming Plane Coordinate System." NAD ~~1983." The Wyoming Plane Coordinate System shall be named,~~ and in any land description in which it is used it shall be ~~designated, the "Wyoming Plane Coordinate System" and the~~ zone used shall be specified.

**34-25-102. Designation of coordinates.**

The plane coordinates of a point on the earth's surface, to be used in expressing the position or location of such point in the appropriate zone of this system, shall consist of two (2) ~~linear distances, expressed in feet and decimals of a foot, or meters to the nearest millimeter and decimals of a meter.~~ One (1) of these distances, to be known as the "east x-coordinate" or "east coordinate," shall give the position in an distance east and west direction of the Y axis; the other, to be known as the "north y-coordinate" or "north coordinate," shall give the position in a north and south direction. These coordinates shall depend upon and conform to the coordinates, on the Wyoming Coordinate System NAD 1983 of the National Geodetic Survey, or its successors, within the state of Wyoming, as those coordinates have been determined by the survey. distance north of the X axis. The Y axis of any zone shall be parallel with the central meridian of that zone. The X axis

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of any zone shall be at right angles to the central meridian of that zone. One (1) foot shall equal three thousand forty-eight ten-thousandths (0.3048) of one (1) meter and shall be used as the standard unit of measurement for the Wyoming Plane Coordinate System. The official geodetic datums to which geodetic coordinates are referenced within the state of Wyoming including latitude, longitude, ellipsoid height, orthometric height or dynamic height shall be defined by the NSRS. Height is the coordinate value of the vertical elements of the NSRS expressed in feet and identified as ellipsoid height or orthometric height.

**34-25-103. Land extending into other zones.**

When any tract of land to be defined by a single description extends from one (1) zone into a ~~second of the coordinate other~~ zones, ~~specified in W.S. 34-25-101,~~ the positions of all the points on its boundaries ~~may~~ shall be referred to ~~either of the two (2)~~ as only one (1) of the zones, ~~and~~ the zone which is used shall be specifically named in the description and the metadata of the observations shall be included in the description.

**34-25-105. Recording coordinates.**

~~No~~ Coordinates based on the Wyoming Plane Coordinate System, NAD 1983, purporting to define the position of a point on a land boundary, ~~shall~~ may be presented to be recorded in any public land records or deed records in the office of a county clerk. ~~unless a record and report of survey of the actual survey to establish the plane coordinates of the point has been filed with the county surveyor, the county engineer or the county clerk and in conformity with the standards prescribed in W.S. 34-25-104.~~

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When acceptable satellite survey techniques are employed, a minimum of two (2) independent observing sessions shall be executed and shall agree to not less than one (1) part in one hundred thousand (100,000) of the distance between the points. The procedures and results shall conform with the standards in W.S. 34-25-104. The method and source for establishing coordinates shall be described in the land or deed record. In all instances where reference has been made to coordinates in land surveys or deeds, the combined factors shall be stated for the survey lines used in computing ground distances and areas and the metadata of observations shall be included in the record.

**34-25-106. Reference to system on maps.**

The use of the term "Wyoming Plane Coordinate System" ~~NAD 1983~~ on any map, report of survey or other document, shall be limited to plane coordinates based on the Wyoming Plane Coordinate System ~~NAD 1983~~ as defined in this chapter.

**34-25-107. Description in other surveys; conflicts.**

Wherever coordinates based on the Wyoming Plane Coordinate System ~~NAD 1983~~ are used to describe any tract of land which in the same document is also described by reference to any subdivision, line or corner of the United States public land surveys, the description by plane coordinates shall be construed as supplemental to the basic description of ~~such~~ the subdivision, line or corner contained in the official plats and field notes filed of record, and in the event of any conflict, the description by reference to the subdivision, line or corner of the United States public land surveys shall prevail over the description by plane coordinates. Every recorded map, survey or conveyance, or other instrument affecting title to real property which

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delineates, describes or refers to such property or any part thereof by reference to coordinates based upon the Wyoming Plane Coordinate System NAD—1983 shall also describe the property by reference and tie to a controlling corner monument of the United States public land surveys, if applicable.

**34-25-108. Application.**

(a) Nothing contained in this chapter shall require any purchaser or mortgagee to rely on a description, any part of which depends exclusively upon the Wyoming Plane Coordinate System. NAD 1983.

(b) The provisions of this chapter shall not be construed to:

(i) Prohibit the appropriate use of other datums, other geodetic reference networks or systems or other plane coordinate systems;

(ii) Require the revision of any survey, deed, record or other document prepared or recorded before July 1, 2024 that uses the Wyoming Coordinate System NAD 1983 or any other coordinate system previously authorized under this chapter.

**Section 3.** W.S. 34-25-101(b) and 34-25-104 are repealed.


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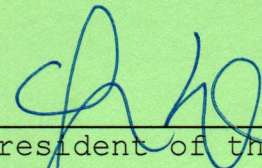
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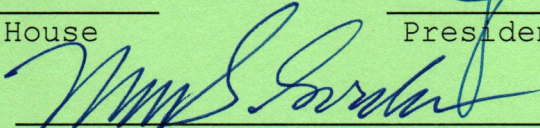
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**Section 4.** This act is effective July 1, 2024.

(END)

  
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Speaker of the House

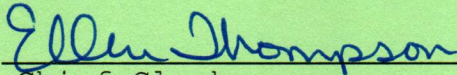
  
\_\_\_\_\_  
President of the Senate

  
\_\_\_\_\_  
Governor

TIME APPROVED: 8:14

DATE APPROVED: 1 March 2024

I hereby certify that this act originated in the Senate.

  
\_\_\_\_\_  
Chief Clerk

