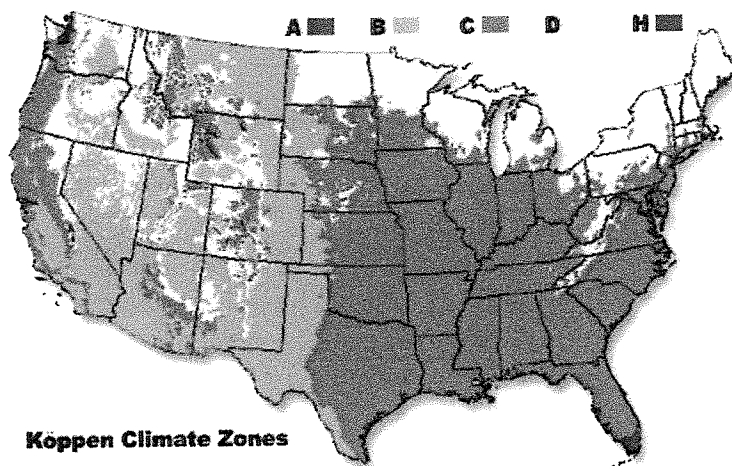


The map (below) shows where these major categories occur in the mainland United States.

#2



The major Köppen zones in the U.S.

Take it to the MAX! Learn about further sub-divisions (climate_max) of these climate zones.

The classical length of record to determine the climate for any particular place is 30 years, as defined by the World Meteorological Organization (WMO). The quantities most often observed are temperature, precipitation, and wind.

<https://www.weather.gov/jetstream/climates>

ESTIMATION OF VALUATION TAX SHIFT
DUE TO HB 1039

8/25/10

County	Projected Crop Acres Changed	Projected % Crop Acres Changed	Change Value	Bare Ag Land Assessed Value - Productivity Value	Projected Assessed Value - Actual Use	Change in Assessed Value due to HB 1039	% Change in Value	Change in Taxable Value due to HB 1039	Average Ag Levy - Payable 2021	Projected Tax Dollars Shifted due to HB 1039
BENNETT	16,650	3.00	12,785,714	231,032,139	243,817,853	12,785,714	5.53	12,312,643	11.401	\$ 140,376
BUTTE	(88,550)	(7.11)	(67,585,667)	369,355,483	301,769,816	(67,585,667)	(18.30)	(57,447,817)	10.091	\$ (579,706)
CORSON	(86,011)	(8.87)	(78,999,074)	526,440,124	447,441,050	(78,999,074)	(15.01)	(67,149,213)	7.582	\$ (509,125)
CUSTER	(122,789)	(25.48)	(80,285,345)	179,491,192	99,205,847	(80,285,345)	(44.73)	(68,242,543)	9.921	\$ (677,034)
DEWEY	(174,656)	(28.64)	(175,770,744)	356,716,007	180,945,263	(175,770,744)	(49.27)	(149,405,132)	7.074	\$ (1,056,892)
FALL RIVER	(3,739)	(0.47)	(2,675,885)	149,394,540	146,718,654	(2,675,885)	(1.79)	(2,274,502)	11.113	\$ (25,277)
GREGORY	(1,321)	(0.21)	(1,717,302)	520,756,374	519,039,072	(1,717,302)	(0.33)	(1,459,706)	9.732	\$ (14,206)
HAAKON	(16,163)	(1.40)	(12,748,012)	479,972,656	467,224,644	(12,748,012)	(2.66)	(10,835,810)	6.753	\$ (73,174)
HARDING	(13,169)	(0.83)	(9,421,954)	367,884,376	358,462,422	(9,421,954)	(2.56)	(8,008,661)	10.180	\$ (81,528)
JACKSON	(184,377)	(26.32)	(128,260,422)	323,236,740	194,976,317	(128,260,422)	(39.68)	(114,793,078)	7.110	\$ (816,179)
JONES	(35,797)	(5.80)	(27,820,570)	354,350,522	326,529,952	(27,820,570)	(7.85)	(23,647,484)	6.427	\$ (151,982)
LAWRENCE	(15,526)	(8.83)	(13,555,266)	72,142,020	58,586,754	(13,555,266)	(18.79)	(11,969,300)	10.871	\$ (130,118)
LYMAN	(108,569)	(10.41)	(122,788,411)	894,750,631	771,962,220	(122,788,411)	(13.72)	(104,370,150)	6.908	\$ (720,989)
MEADE	(377,417)	(18.14)	(270,574,979)	890,790,455	620,215,476	(270,574,979)	(30.37)	(229,988,732)	10.412	\$ (2,394,643)
MELLETTE	(92,057)	(17.07)	(62,756,749)	257,264,000	194,507,251	(62,756,749)	(24.39)	(53,343,237)	8.161	\$ (435,334)
OGLALA LAKOTA	(43,935)	(21.85)	(31,439,531)	67,350,682	35,911,151	(31,439,531)	(46.68)	(26,723,601)	10.994	\$ (293,799)
PENNINGTON	(38,200)	(3.94)	(28,055,928)	314,838,748	286,782,820	(28,055,928)	(8.91)	(23,847,539)	10.897	\$ (259,867)
PERKINS	(232,629)	(13.70)	(156,755,026)	693,747,510	536,992,483	(156,755,026)	(22.60)	(133,241,772)	7.810	\$ (1,040,618)
STANLEY	(83,430)	(10.05)	(55,078,677)	362,267,706	307,189,029	(55,078,677)	(15.20)	(46,816,876)	8.932	\$ (418,168)
TODD	(137,533)	(33.95)	(105,632,022)	243,917,041	138,285,019	(105,632,022)	(43.31)	(89,787,219)	9.214	\$ (827,299)
TRIPP	(210,151)	(20.50)	(211,498,056)	1,053,817,264	842,319,208	(211,498,056)	(20.07)	(179,773,348)	7.811	\$ (1,404,210)
ZIEBACH	(133,675)	(19.39)	(124,890,017)	359,993,840	235,103,824	(124,890,017)	(34.69)	(106,156,514)	7.197	\$ (764,008)
TOTAL	(2,183,045)	(33.33)	(1,755,523,923)	9,069,510,047	7,313,986,124	(1,755,523,923)	(19.36)	(1,496,969,592)		\$ (12,533,781)

County	DOR Projected Crop Acres	Actual Crop Land Acres Census of	HB 1039 DOR Projected Percent Change Ranchers/Growers will convert cropland to Grassland
Bennett	16,650	216,552	7.6 Percent..... Of Growers in Bennett County will convert their cropland into grassland
Butte	88,550	150,159	55 Percent..... Of Growers in Butte County will convert their cropland into grassland
Corson	86,011	399,127	21.572%..... Of Growers in Corson County will convert their cropland into grassland
Custer	122,789	48,944	250%..... NOTE 79,534 are woodland add actual cropland 48,944 = 128,478 total...Same tax rate
Dewey	174,656	193,216	91%.....Of Growers in Dewey County will convert their cropland into grassland
Fall River	3,739	71,846	05.2%.....Of Growers in Fall River County will convert their cropland into grassland
Gregory	1,321	224,834	.005%Of Growers in Gregory County will convert their cropland into grassland
Haakon	16,163	324,148	.05%.....Of all growers in Haakon County will convert their cropland into grassland
Harding	13,169	176,132	.074%.....Of growers in Harding county will convert their cropland into grassland
Jackson	184,377	186,599	99%...Of growers in Jackson County will convert their cropland into grassland
Jones	35,797	235,018	15%....Of growers in Jones County will convert their cropland into grassland
Lawrence	15,526	33,002	47%....Of growers in Lawrence County will convert their cropland into grassland
Lyman	108,569	438,350	24.7%....Of growers in Lyman County will convert their cropland into grassland
Meade	377,417	399,755	94.5%....Of Growers in Meade County will convert their cropland into grassland
Mellette	92,057	127,936	72%...Of Growers in Mellette County will convert their cropland into grassland
Oglala Lakota	43,935	89,293	49%....Of growers in Oglala Lakota County will convert their cropland into grassland
Pennington	38,200	206,385	18%....Of growers in Pennington County will convert their cropland into grassland
Perkins	232,629	344,338	67.6%...Of growers in Perkins County will convert their cropland into grassland
Stanley	83,430	194,915	42.6%...Of growers in Stanley County will convert their cropland into grassland
Todd	137,533	114,406	119% of growers in Todd County will turn all cropland PLUS INTO GRASSLAND???
Tripp	210,151	435,391	48.1%....Of growers in Tripp County will convert their cropland into grassland
Ziebach	133,675	232,174	57.5%....Of growers in Ziebach County will convert their cropland into grassland
	2,216,344	4,842,520	

TRIBAL TRUST LAND ACRES

PINE RIDGE	2,100,000
CHEYENNE RIVER	1,450,644
CROW CREEK	125,591
LOWER BRULE	156,917
ROSEBUD	922,759
STANDING ROCK (TOTAL ACRES 2,286,000 MINUS 1/3 ND/EAST RIVER	1,531.62
TOTAL TRIBAL TRUST ACRES	4,757,443
minus 10% rangeland/grassland	4,281,699

DR. RANKIN, PRESIDENT OF SCHOOL OF MINES
AND PRES. DUNN, NOTED THAT THE WEST
RIVER TRIBES PLUS CROW CREEK WOULD BE
AROUND 90% RANGELAND/GRASSLAND
AND 10% CROPLAND

TOPOGRAPHY OF SOUTH DAKOTA

