

Section: M331A

Yellowstone Highlands

LANDUSE			GEOLOGIC MATERIAL		
Landcover Type:	Acres:	Percent Comp:	Parent Material Unit:	Acres:	Percent Comp:
FOREST-CONIFER	5241344.7	62.2	VOLCANICS	3270085.6	38.8
RANGELAND	1390427.2	16.5	SHALE-ASSOCIATE	1418387.5	16.8
ALPINE	1276680.5	15.2			
			ALLUVIUM	986820.7	11.7
WATER	139223.4	1.7			
CROP,PASTURE	110964.7	1.3	CALC-SILICATES	898130.6	10.7
FOREST-MIXED	95753.7	1.1	GNEISS,SCHIST	501963	6
WETLAND	59047	0.7	SANDSTONE	317309.9	3.8
BARREN	60785.3	0.7			
			CARBONATES	310306.8	3.7
FOREST-DECID	30093.2	0.4			
SNOW,ICE	7092.3	0.1	GLACIAL-SED	176611.1	2.1
URBAN	6900.7	0.1	GRANITICS	170739.5	2
MINES,QUARRIES	621.7	0	SOFT-SED.	143022.3	1.7
AGRICULTURAL	360.5	0			
			WATER	131688.9	1.6
			MASS-WASTED	92781.6	1.1
			WIND-DEP-SED	5467.5	0.1

SOIL TEMP. GROUPS			SLOPES		
Soil Temperature Regime:	Acres:	Percent Comp:	Slope Classes:	Acres:	Percent Comp:
CRYIC	7848775.5	93.2	1	2966432.3	35.2
FRIGID	472735.1	5.6	2	2956865.5	35.1
			3	1700802.3	20.2
MESIC	101804.2	1.2	4	799215	9.5

SOIL MOISTURE GROUPS			RELIEF			
Soil Moisture Regime:	Acres:	Percent Comp:	Minimum	Maximum	Mean	Relief
TYPIC-USTIC	5245969.2	62.3	3960	12988.8	7967.6	10.4
UDIC	2267929.5	26.9				
ARIDIC-USTIC	326102.7	3.9				
UDIC-USTIC	278974.4	3.3				
USTIC-ARIDIC	204702.2	2.4				
TYPIC-XERIC	99636.7	1.2				

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Overthrust Mountains

LANDUSE			GEOLOGIC MATERIAL		
Landcover Type:	Acres:	Percent Comp:	Parent Material Unit:	Acres:	Percent Comp:
FOREST-CONIFER	2479365.6	43.2	SHALE-ASSOCIATE	1507713.1	26.3
RANGELAND	1808970.7	31.5	CARBONATES	1080371.4	18.8
FOREST-MIXED	688236.6	12	SANDSTONE	914417.9	15.9
CROP,PASTURE	334727.5	5.8	ALLUVIUM	826145.5	14.4
ALPINE	196202.9	3.4	VOLCANICS	368883	6.4
WETLAND	71675.2	1.3	GLACIAL-SED	360309.2	6.3
BARREN	50540.5	0.9	MASS-WASTED	271319.4	4.7
WATER	52217	0.9	SOFT-SED.	224319.5	3.9
FOREST-DECID	32202.9	0.6	GNEISS,SCHIST	73547.9	1.3
URBAN	11360.8	0.2	WATER	71689.1	1.3
MINES,QUARRIES	7202.6	0.1	GRANITICS	30533.6	0.5
AGRICULTURAL	473	0	CALC-SILICATES	3974.9	0.1
SNOW,ICE	474.5	0	LOESS	715.7	0

SOIL TEMP. GROUPS

Soil Temperature Regime:	Acres:	Percent Comp:	Slope Classes:	Acres:	Percent Comp:
CRYIC	5439141.2	94.9	2	2294734.3	40
FRIGID	294799.2	5.1	1	2130950.2	37.2
			3	994782.4	17.3
			4	313437.6	5.5

SLOPES

SOIL MOISTURE GROUPS

Soil Moisture Regime:	Acres:	Percent Comp:	RELIEF			
			Minimum	Maximum	Mean	Relief
UDIC	2514909.1	43.9	4996.7	12529.5	7780.5	12.8
UDIC-USTIC	1866487.9	32.6				
TYPIC-USTIC	1026220.1	17.9				
TYPIC-XERIC	228607.5	4				
USTIC-ARIDIC	93531.2	1.6				
XERIC-ARIDIC	3372.2	0.1				
TYPIC-ARIDIC	812.4	0				

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Wind River Mountains

LANDUSE			GEOLOGIC MATERIAL		
Landcover Type:	Acres:	Percent Comp:	Parent Material Unit:	Acres:	Percent Comp:
FOREST-CONIFER	628926.1	44.2	GNEISS,SCHIST	403182	28.4
ALPINE	419375.5	29.5	CALC-SILICATES	287238.6	20.2
RANGELAND	188282.5	13.2	GRANITICS	283217.6	19.9
FOREST-MIXED	110734.5	7.8	GLACIAL-SED	168319.6	11.8
WATER	30970.2	2.2	CARBONATES	150088.4	10.6
BARREN	16750.2	1.2	SHALE-ASSOCIATE	40989	2.9
SNOW,ICE	12664	0.9	SANDSTONE	39716.7	2.8
FOREST-DECID	8909.1	0.6	ALLUVIUM	18097.4	1.3
WETLAND	3706.7	0.3	METASEDIMENTS	9904.2	0.7
MINES,QUARRIES	518.9	0	GLACIAL-ICE	8931	0.6
URBAN	242.9	0	MASS-WASTED	4534.7	0.3
CROP,PASTURE	269.7	0	WATER	4971.7	0.3
AGRICULTURAL	8.9	0	VOLCANICS	2263.3	0.2

SOIL TEMP. GROUPS			SLOPES		
Soil Temperature Regime:	Acres:	Percent Comp:	Slope Classes:	Acres:	Percent Comp:
CRYIC	1418465.8	99.8	2	652941	45.9
FRIGID	2988.3	0.2	1	407103.4	28.6
			3	247252.5	17.4
			4	114156.7	8

SOIL MOISTURE GROUPS			RELIEF			
Soil Moisture Regime:	Acres:	Percent Comp:	Minimum	Maximum	Mean	Relief
UDIC	1322066.7	93	5797.2	13618.8	9694	29.6
TYPIC-USTIC	96399.1	6.8				
USTIC-ARIDIC	2988.3	0.2				

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Belt Mountains

LANDUSE			GEOLOGIC MATERIAL		
Landcover Type:	Acres:	Percent Comp:	Parent Material Unit:	Acres:	Percent Comp:
RANGELAND	3033425.9	51.4	VOLCANICS	1618906.1	27.4
FOREST-CONIFER	1905782.3	32.3	SOFT-SED.	1017726.6	17.3
CROP,PASTURE	788678	13.4	CARBONATES	725743.9	12.3
ALPINE	76269.7	1.3	ALLUVIUM	635092	10.8
WATER	46736.1	0.8	CALC-SILICATES	621856.1	10.5
URBAN	31039.5	0.5	METASEDIMENTS	512906.1	8.7
MINES,QUARRIES	3753.1	0.1	SHALE-ASSOCIATE	387948.1	6.6
WETLAND	4697.4	0.1	SANDSTONE	206861.5	3.5
SLIVER	3871.4	0.1	GNEISS,SCHIST	101778.6	1.7
UNK	1106.3	0	WATER	32929.9	0.6
FOREST-MIXED	811.9	0	GRANITICS	21668.1	0.4
FOREST-DECID	279.3	0	GLACIAL-SED	14146	0.2
AGRICULTURAL	1458.4	0		1275.5	0
BARREN	929	0			

SOIL TEMP. GROUPS			SLOPES		
Soil Temperature Regime:	Acres:	Percent Comp:	Slope Classes:	Acres:	Percent Comp:
FRIGID	4021744.2	68.2	1	3258150.3	55.2
CRYIC	1877094.0	31.8	2	1893838.3	32.1
			3	612742.7	10.4
			4	134151.6	2.3

SOIL MOISTURE GROUPS			RELIEF			
Soil Moisture Regime:	Acres:	Percent Comp:	Minimum	Maximum	Mean	Relief
TYPIC-USTIC	3803117.2	64.5	3399	11177.8	5406.1	14.2
ARIDIC-USTIC	1679025.7	28.5				
UDIC	416695.3	7.1				

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Beaverhead Mountains

LANDUSE			GEOLOGIC MATERIAL		
Landcover Type:	Acres:	Percent Comp:	Parent Material Unit:	Acres:	Percent Comp:
RANGELAND	3943102.2	54	SOFT-SED.	1703217	23.3
FOREST-CONIFER	2414243.4	33.1	ALLUVIUM	1309194.9	17.9
CROP,PASTURE	510441.3	7	CALC-SILICATES	777563	10.7
ALPINE	133028.9	1.8	VOLCANICS	761145.1	10.4
WETLAND	125208.5	1.7	GNEISS,SCHIST	670597.6	9.2
FOREST-MIXED	54096.6	0.7	SANDSTONE	578282.4	7.9
BARREN	26319.5	0.4	METASEDIMENTS	508134.1	7
FOREST-DECID	21727.4	0.3	CARBONATES	467722.8	6.4
MINES,QUARRIES	18364.7	0.3	SHALE-ASSOCIATE	365563.3	5
WATER	24138	0.3	GLACIAL-SED	122854.1	1.7
URBAN	22801.7	0.3	WATER	22122.5	0.3
SLIVER	5236.8	0.1	QUARTZITES	5545.6	0.1
AGRICULTURAL	1313.4	0	GRANITICS	8079.9	0.1

SOIL TEMP. GROUPS			SLOPES		
Soil Temperature Regime:	Acres:	Percent Comp:	Slope Classes:	Acres:	Percent Comp:
CRYIC	5630543.5	77.1	1	3571858.2	48.9
FRIGID	1669478.8	22.9	2	2621837.9	35.9
			3	869779.6	11.9
			4	236543	3.2

SOIL MOISTURE GROUPS			RELIEF			
Soil Moisture Regime:	Acres:	Percent Comp:	Minimum	Maximum	Mean	Relief
TYPIC-USTIC	4473415.2	61.3	3799.2	11397.6	6893.1	12.6
ARIDIC-USTIC	1668007	22.8				
UDIC	525757.4	7.2				
TYPIC-XERIC	491244.4	6.7				
XERIC-ARIDIC	141598.4	1.9				

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Big Horn Basin

LANDUSE			GEOLOGIC MATERIAL			
Landcover Type:	Acres:	Percent Comp:	Parent Material Unit:	Acres:	Percent Comp:	
RANGELAND	390122.2	76.6	SHALE-ASSOCIATE	172103.1	33.8	
FOREST-CONIFER	66434.1	13	SANDSTONE	147959.1	29	
CROP,PASTURE	37995.5	7.5	ALLUVIUM	94191.5	18.5	
WATER	6572.9	1.3	MASS-WASTED	63081.9	12.4	
FOREST-MIXED	3508.7	0.7	VOLCANICS	17764.3	3.5	
URBAN	2222.9	0.4	GLACIAL-SED	5614	1.1	
FOREST-DECID	1071	0.2	WATER	4521.2	0.9	
WETLAND	401.2	0.1	CARBONATES	4293.7	0.8	
BARREN	705.2	0.1				
ALPINE	358.7	0.1				
AGRICULTURAL	109.2	0				
SOIL TEMP. GROUPS			SLOPES			
Soil Temperature Regime:	Acres:	Percent Comp:	Slope Classes:	Acres:	Percent Comp:	
FRIGID	376905.2	74.0	1	318725.1	62.6	
CRYIC	123229.2	24.2	2	168739.5	33.1	
			3	19347.1	3.8	
MESIC	9394.4	1.8	4	2702.4	0.5	
SOIL MOISTURE GROUPS			RELIEF			
Soil Moisture Regime:	Acres:	Percent Comp:	Minimum	Maximum	Mean	Relief
USTIC-ARIDIC	386299.7	75.8	5193.6	9849.1	6572.6	21.2
TYPIC-USTIC	112449.3	22.1				
UDIC	10448.6	2.1				
ARIDIC-USTIC	331.3	0.1				

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Snake River Basalts

LANDUSE			GEOLOGIC MATERIAL		
Landcover Type:	Acres:	Percent Comp:	Parent Material Unit:	Acres:	Percent Comp:
RANGELAND	631883.9	49.7	VOLCANICS	963158.3	75.8
CROP,PASTURE	498421.9	39.2	ALLUVIUM	248857.6	19.6
FOREST-CONIFER	61576.7	4.8	WIND-DEP-SED	38100.9	3
BARREN	22943	1.8	CARBONATES	7582.4	0.6
FOREST-MIXED	20144.3	1.6	WATER	4865.7	0.4
WETLAND	18576	1.5	SANDSTONE	2258	0.2
FOREST-DECID	6195.1	0.5	SHALE-ASSOCIATE	2213.6	0.2
WATER	5616.6	0.4	GLACIAL-SED	2061.7	0.2
URBAN	3201.3	0.3	SOFT-SED.	1201.4	0.1
AGRICULTURAL	879.1	0.1	MASS-WASTED	420.9	0
MINES,QUARRIES	463.5	0			

SOIL TEMP. GROUPS			SLOPES		
Soil Temperature Regime:	Acres:	Percent Comp:	Slope Classes:	Acres:	Percent Comp:
FRIGID	844533.1	66.5	1	1203378.2	94.7
CRYIC	426187.4	33.5	2	58183.1	4.6
			3	8230.8	0.6
			4	966.6	0.1

SOIL MOISTURE GROUPS			RELIEF			
Soil Moisture Regime:	Acres:	Percent Comp:	Minimum	Maximum	Mean	Relief
TYPIC-XERIC	908377.7	71.5	4780.2	8966.5	5664.4	12.4
XERIC-ARIDIC	214737.5	16.9				
UDIC	133546.4	10.5				
UDIC-USTIC	14058.9	1.1				

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Green River Basin

LANDUSE			GEOLOGIC MATERIAL		
Landcover Type:	Acres:	Percent Comp:	Parent Material Unit:	Acres:	Percent Comp:
RANGELAND	691242.8	71.1	ALLUVIUM	575190.4	59.2
CROP,PASTURE	178587.6	18.4	SHALE-ASSOCIATE	258010.7	26.5
WETLAND	55070.3	5.7	GLACIAL-SED	106176.1	10.9
FOREST-MIXED	12466.4	1.3	SANDSTONE	20559.9	2.1
WATER	10372.9	1.1	WATER	8356.5	0.9
FOREST-CONIFER	9368	1	GRANITICS	2007	0.2
URBAN	7633.6	0.8	CARBONATES	1163.4	0.1
FOREST-DECID	3762.3	0.4	MASS-WASTED	205	0
BARREN	2413.7	0.2	GNEISS,SCHIST	412.4	0
MINES,QUARRIES	835.6	0.1			
ALPINE	79	0			
AGRICULTURAL	198.2	0			

SOIL TEMP. GROUPS			SLOPES		
Soil Temperature Regime:	Acres:	Percent Comp:	Slope Classes:	Acres:	Percent Comp:
FRIGID	559428.3	57.5	1	920458.7	94.7
CRYIC	412653.2	42.5	2	49150.7	5.1
			3	2251	0.2
			4	205.5	0

SOIL MOISTURE GROUPS			RELIEF			
Soil Moisture Regime:	Acres:	Percent Comp:	Minimum	Maximum	Mean	Relief
TYPIC-USTIC	334644.9	34.4	6660.1	8654.9	7390.9	7.7
TYPIC-ARIDIC	295974.2	30.4				
USTIC-ARIDIC	263454.1	27.1				
UDIC	78008.3	8				