



**Souris-Red-Rainy  
Water Resource Region 09  
HUC6 Level Watersheds**

Source: U.S. Geological Survey

**Souris-Red-Rainy  
Water Resource Region 09**

Watershed Name	Hydrologic Unit Code
Souris	090100
Upper Red	090201
Devils Lake-Sheyenne	090202
Lower Red	090203
Rainy	090300

**Table 1. Summary by Hydrologic Unit Code: 2007 and 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	US		H09 Souris-Red-Rainy		H090100		
	2007	2002	2007	2002	2007	2002	
Farms .....	farms	2,204,792	2,128,982	30,330	29,115	4,480	4,282
Land in farms .....	acres	922,095,840	938,279,056	24,995,606	24,738,957	5,207,689	5,162,133
Land use:							
Total cropland .....	farms	1,685,339	1,751,450	27,941	27,311	4,149	4,044
	acres	406,424,909	434,164,946	20,862,502	20,600,961	3,992,021	3,906,460
Harvested cropland .....	farms	1,328,004	1,362,608	17,950	18,978	2,940	3,064
	acres	309,607,601	302,697,252	17,046,358	16,414,721	3,290,467	3,072,975
Cropland used only for pasture or grazing .....	farms	404,753	716,202	3,981	4,761	513	692
	acres	35,771,154	60,557,805	500,002	526,859	94,181	154,010
Cropland on which all crops failed or were abandoned .....	farms	89,587	119,642	2,527	4,063	212	445
	acres	7,405,898	17,069,564	378,440	827,064	29,445	84,179
Cropland idle or used for cover crops or soil improvement but not harvested and not pastured or grazed .....	farms	360,225	380,300	12,963	12,188	1,907	1,654
	acres	37,968,749	37,281,096	2,668,681	2,463,167	499,617	423,052
Cropland in cultivated summer fallow .....	farms	67,960	72,335	2,360	2,662	521	820
	acres	15,671,507	16,559,229	269,021	369,150	78,311	172,244
Total woodland .....	farms	843,294	818,105	7,961	7,274	440	351
	acres	75,098,603	75,878,213	736,573	772,278	71,689	72,293
Woodland pastured .....	farms	370,297	379,795	3,027	3,013	258	211
	acres	28,609,690	31,128,955	219,215	264,790	37,572	40,111
Woodland not pastured .....	farms	596,123	568,956	6,195	5,665	238	208
	acres	46,488,913	44,749,258	517,358	507,488	34,117	32,182
Permanent pasture and rangeland, other than cropland and woodland pastured .....	farms	1,132,606	850,913	9,510	7,971	2,064	1,861
	acres	408,832,116	395,278,829	2,219,576	2,179,928	916,145	916,190
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc. ....	farms	1,126,272	1,165,564	16,813	16,402	2,433	2,487
	acres	31,740,212	32,957,068	1,176,955	1,185,790	227,834	267,190
Irrigated land .....	farms	301,028	299,583	619	498	45	34
	acres	56,599,305	55,311,236	160,493	166,314	10,518	7,851
Harvested cropland .....	farms	256,105	258,030	607	477	44	34
	acres	51,537,104	50,334,022	159,149	164,434	(D)	7,851
Pastureland and other land .....	farms	72,585	69,568	31	24	1	-
	acres	5,062,201	4,977,214	1,344	1,880	(D)	-
Land used for organic production .....	farms	20,437	7,254	147	71	11	4
	acres	2,577,418	562,486	41,398	28,550	3,406	1,892
Fertilizers and chemicals:							
Commercial fertilizer, lime, and soil conditioners .....	farms	1,022,036	1,078,435	14,262	14,449	2,211	2,235
	acres	265,995,497	248,060,293	14,609,567	14,131,091	2,853,142	2,661,810
Manure .....	farms	307,073	347,585	3,302	3,735	481	495
	acres	22,096,315	22,749,251	229,248	234,356	27,413	25,070
Acres treated with chemicals to control -							
Insects .....	farms	354,357	357,274	4,630	3,873	606	714
	acres	90,947,822	65,697,023	3,263,790	1,725,402	485,080	343,198
Weeds, grass, or brush .....	farms	703,884	708,252	13,231	11,773	2,106	1,993
	acres	226,295,783	193,968,317	14,012,060	11,865,938	2,588,599	2,183,087
Nematodes .....	farms	34,992	35,877	244	192	11	6
	acres	7,560,158	5,936,346	133,849	97,948	5,940	3,468
Diseases in crops and orchards .....	farms	97,333	92,334	3,694	2,290	535	186
	acres	22,693,212	12,392,352	2,999,103	1,550,058	482,421	126,670
Chemicals used to control growth, thin fruit, or defoliate .....	farms	44,638	44,725	955	540	119	74
	acres	12,125,799	10,874,350	500,266	262,691	81,630	(D)
Selected crops:							
Corn, all .....	farms	375,631	387,317	6,217	4,822	438	318
	acres	92,228,203	74,914,518	2,397,842	1,230,891	(D)	38,348
Soybeans, all .....	farms	279,110	317,611	8,044	7,761	207	189
	acres	63,915,821	72,399,844	3,763,048	3,589,780	60,544	(D)
Small grains (wheat, oats, barley, rye) .....	farms	201,413	228,541	11,139	12,331	2,099	2,307
	acres	56,231,436	51,817,912	6,666,977	7,114,996	1,924,620	1,704,102
Cotton, all .....	farms	18,605	24,805	-	-	-	-
	acres	10,493,238	12,456,162	-	-	-	-
Rice, all .....	farms	6,084	8,046	-	-	-	-
	acres	2,758,792	3,197,641	-	-	-	-
Vegetables and melons harvested for sale .....	farms	69,172	60,217	328	398	13	14
	acres	4,356,880	4,791,666	95,095	119,355	(D)	(D)
Fruit and tree nuts .....	farms	115,935	113,649	85	49	5	-
	acres	5,039,476	5,330,439	212	105	12	-
Nursery, greenhouse, floriculture, and sod .....	farms	41,708	44,090	84	72	9	6
	acres	721,458	678,188	559	371	51	5
All other crops (other than those listed above) .....	farms	986,391	1,021,836	13,195	14,776	2,577	2,749
	acres	79,856,490	82,907,623	4,138,586	4,388,610	1,230,329	1,297,433
Livestock (Inventory on December 31)							
Cattle and calves .....	farms	963,669	1,018,359	6,734	7,814	1,352	1,495
	number	96,347,858	95,497,994	755,039	807,370	191,819	209,074
Hogs and pigs .....	farms	75,442	78,895	360	516	40	49
	number	67,786,318	60,405,103	266,232	204,491	12,776	8,195
Sheep and lambs .....	farms	83,134	73,814	467	594	76	92
	number	5,819,162	6,341,799	43,399	59,790	6,494	10,422
Horses and ponies .....	farms	575,942	542,223	4,039	3,637	829	635
	number	4,028,827	3,644,278	29,073	29,691	6,585	7,854
Goats, all inventory .....	farms	144,466	91,462	326	225	34	22
	number	3,140,529	2,530,466	6,319	2,652	499	259
Chickens, all inventory .....	farms	166,680	125,649	692	593	69	46
	number	2,058,223,629	1,818,596,652	1,271,582	1,613,400	2,482	1,815

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**Table 1. Summary by Hydrologic Unit Code: 2007 and 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	H090201		H090202		H090203	
	2007	2002	2007	2002	2007	2002
Farms.....farms	9,364	8,816	5,732	5,316	9,831	9,595
Land in farms.....acres	6,125,661	6,081,905	6,222,290	5,941,017	7,163,760	7,185,998
Land use:						
Total cropland.....farms	8,486	8,203	5,371	5,010	9,149	9,057
.....acres	5,283,886	5,297,211	5,248,363	4,944,235	6,183,740	6,228,623
Harvested cropland.....farms	5,637	5,922	3,474	3,399	5,288	5,791
.....acres	4,597,081	4,630,404	4,159,770	3,935,699	4,889,967	4,656,411
Cropland used only for pasture or grazing.....farms	1,167	1,435	669	717	1,450	1,511
.....acres	111,977	102,633	94,883	113,271	185,998	134,692
Cropland on which all crops failed or were abandoned.....farms	878	923	723	777	626	1,709
.....acres	113,055	141,261	142,008	173,610	87,547	389,667
Cropland idle or used for cover crops or soil improvement but not harvested and not pastured or grazed.....farms	3,505	3,286	2,848	2,573	4,486	4,422
.....acres	425,240	404,473	759,988	641,853	963,600	960,861
Cropland in cultivated summer fallow.....farms	397	278	502	494	797	911
.....acres	36,533	18,440	91,714	79,802	56,628	86,992
Total woodland.....farms	2,730	2,438	616	481	3,499	3,250
.....acres	200,287	205,129	37,308	35,511	356,536	370,502
Woodland pastured.....farms	1,020	1,007	220	198	1,213	1,263
.....acres	56,069	61,512	15,494	17,885	94,494	120,827
Woodland not pastured.....farms	2,149	1,892	470	348	2,816	2,602
.....acres	144,218	143,617	21,814	17,626	262,042	249,675
Permanent pasture and rangeland, other than cropland and woodland pastured.....farms	2,700	2,083	2,050	1,849	2,264	1,838
.....acres	339,800	305,961	638,364	653,965	292,345	274,635
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.....farms	5,406	5,022	3,162	2,998	5,239	5,168
.....acres	301,688	273,604	298,255	307,306	331,139	312,238
Irrigated land.....farms	279	209	125	92	142	130
.....acres	69,327	76,269	39,714	36,607	40,738	44,157
Harvested cropland.....farms	273	199	120	92	142	122
.....acres	68,465	75,946	39,341	(D)	(D)	43,142
Pastureland and other land.....farms	17	12	9	1	2	8
.....acres	862	323	373	(D)	(D)	1,015
Land used for organic production.....farms	52	27	18	13	56	19
.....acres	15,652	6,699	5,337	5,190	16,250	14,522
Fertilizers and chemicals:						
Commercial fertilizer, lime, and soil conditioners.....farms	4,603	4,583	2,873	2,845	4,302	4,524
.....acres	3,619,644	3,538,647	3,682,492	3,468,874	4,404,454	4,396,469
Manure.....farms	1,289	1,470	605	683	783	923
.....acres	106,970	115,840	36,581	33,990	54,137	54,430
Acres treated with chemicals to control -						
Insects.....farms	1,705	1,053	756	767	1,529	1,311
.....acres	986,801	381,498	524,866	326,821	1,261,403	666,599
Weeds, grass, or brush.....farms	4,286	3,874	2,784	2,513	3,931	3,310
.....acres	3,766,940	3,266,040	3,656,262	3,145,393	3,972,028	3,240,442
Nematodes.....farms	76	58	31	26	126	102
.....acres	35,740	21,241	18,367	10,568	73,802	62,671
Diseases in crops and orchards.....farms	804	500	774	386	1,564	1,198
.....acres	488,904	259,509	537,321	217,064	1,479,729	940,314
Chemicals used to control growth, thin fruit, or defoliate.....farms	171	85	274	109	387	267
.....acres	66,999	49,101	156,666	63,856	194,591	121,737
Selected crops:						
Corn, all.....farms	3,279	2,725	1,532	1,059	956	704
.....acres	1,386,082	823,301	(D)	271,409	253,838	96,804
Soybeans, all.....farms	3,504	3,705	1,947	1,716	2,351	2,139
.....acres	1,665,604	1,782,518	1,105,668	984,613	922,294	790,607
Small grains (wheat, oats, barley, rye).....farms	2,965	3,527	2,404	2,524	3,538	3,799
.....acres	961,893	1,346,159	1,580,075	1,760,515	2,177,097	2,278,116
Cotton, all.....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
Rice, all.....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
Vegetables and melons harvested for sale.....farms	79	91	30	33	167	234
.....acres	12,577	19,742	(D)	8,833	74,371	87,881
Fruit and tree nuts.....farms	38	22	16	2	23	14
.....acres	111	(D)	33	(D)	52	(D)
Nursery, greenhouse, floriculture, and sod.....farms	34	26	5	8	26	22
.....acres	137	(D)	3	(D)	354	(D)
All other crops (other than those listed above).....farms	3,444	3,892	2,424	2,665	4,175	4,704
.....acres	574,120	673,867	792,615	916,609	1,465,683	1,410,038
Livestock (Inventory on December 31)						
Cattle and calves.....farms	2,095	2,451	1,292	1,384	1,694	2,061
.....number	232,988	240,477	170,621	178,581	147,763	162,834
Hogs and pigs.....farms	146	223	68	76	82	121
.....number	140,733	119,245	59,987	35,829	52,338	40,613
Sheep and lambs.....farms	165	215	95	110	96	134
.....number	22,962	27,411	7,899	11,098	5,180	9,665
Horses and ponies.....farms	1,152	1,114	765	586	1,005	959
.....number	7,429	7,261	5,920	5,584	7,233	6,682
Goats, all inventory.....farms	116	99	51	23	96	48
.....number	2,066	1,652	851	142	2,482	445
Chickens, all inventory.....farms	252	200	73	61	172	168
.....number	964,732	1,110,136	(D)	(D)	(D)	(D)

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**Table 1. Summary by Hydrologic Unit Code: 2007 and 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	H090300	
	2007	2002
Farms .....	923	1,106
Land in farms .....	276,206	367,904
Land use:		
Total cropland .....	786	997
Harvested cropland .....	154,492	224,432
farms .....	611	802
acres .....	109,073	119,232
Cropland used only for pasture or grazing .....	182	406
farms .....	12,963	22,253
acres .....		
Cropland on which all crops failed or were abandoned .....	88	209
farms .....	6,385	38,347
acres .....		
Cropland idle or used for cover crops or soil improvement but not harvested and not pastured or grazed .....	217	253
farms .....	20,236	32,928
acres .....	143	159
Cropland in cultivated summer fallow .....	5,835	11,672
farms .....	676	754
acres .....	70,753	88,843
Woodland pastured .....	316	334
farms .....	15,586	24,455
acres .....	522	615
Woodland not pastured .....	55,167	64,388
farms .....		
acres .....		
Permanent pasture and rangeland, other than cropland and woodland pastured .....	432	340
farms .....	32,922	29,177
acres .....		
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc. ....	573	727
farms .....	18,039	25,452
acres .....		
Irrigated land .....	28	33
farms .....	196	1,430
acres .....	28	30
Harvested cropland .....	(D)	(D)
farms .....	2	3
Pastureland and other land .....	(D)	(D)
farms .....		
acres .....		
Land used for organic production .....	10	8
farms .....	753	247
acres .....		
Fertilizers and chemicals:		
Commercial fertilizer, lime, and soil conditioners .....	273	262
farms .....	49,835	65,291
acres .....	144	164
Manure .....	4,147	5,026
farms .....		
acres .....		
Acres treated with chemicals to control -		
Insects .....	34	28
farms .....	5,640	7,286
acres .....	124	83
Weeds, grass, or brush .....	28,231	30,976
farms .....	-	-
acres .....	-	-
Nematodes .....	17	20
farms .....	10,728	6,501
acres .....		
Diseases in crops and orchards .....		
farms .....	4	5
acres .....	380	(D)
Chemicals used to control growth, thin fruit, or defoliate .....		
farms .....		
acres .....		
Selected crops:		
Corn, all .....	12	16
farms .....	626	1,029
acres .....	35	12
Soybeans, all .....	8,938	(D)
farms .....	133	174
acres .....	23,292	26,104
Cotton, all .....	-	-
farms .....	-	-
acres .....	-	-
Rice, all .....	-	-
farms .....	-	-
acres .....	-	-
Vegetables and melons harvested for sale .....	39	26
farms .....	362	(D)
acres .....	3	11
Fruit and tree nuts .....	5	12
farms .....	10	10
acres .....	13	2
Nursery, greenhouse, floriculture, and sod .....	575	766
farms .....	75,838	90,662
acres .....		
All other crops (other than those listed above) .....		
farms .....		
acres .....		
Livestock (Inventory on December 31)		
Cattle and calves .....	301	423
farms .....	11,848	16,404
number .....	24	47
Hogs and pigs .....	398	609
farms .....	35	43
number .....	864	1,194
Sheep and lambs .....	288	343
farms .....	1,906	2,310
number .....	29	33
Horses and ponies .....	421	154
farms .....	126	118
number .....	5,499	5,997
number .....		

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