



Hawaii
Water Resource Region 20
HUC6 Level Watersheds

Source: U.S. Geological Survey

Hawaii
Water Resource Region 20

Watershed Name	Hydrologic Unit Code
Hawaii	200100
Maui	200200
Kahoolawe	200300
Lanai	200400
Molokai	200500
Oahu	200600
Kauai	200700
Niihau	200800

Table 1. Summary by Hydrologic Unit Code: 2012 and 2007 (continued)

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

Item	United States		H2O Hawaii		H200100	
	2012	2007	2012	2007	2012	2007
FARMS AND LAND IN FARMS						
Farms	2,109,303	2,204,792	7,000	7,521	4,282	4,650
Land in farms	914,527,657	922,095,840	1,129,317	1,121,329	686,856	683,819
LAND USE AND PRACTICES						
Total cropland	1,551,654	1,685,339	5,551	6,281	3,398	3,909
Harvested cropland	389,690,414	406,424,909	174,042	177,626	72,028	81,837
Other pasture and grazing land that could have been used for crops without additional improvement (see text)	1,288,875	1,328,004	5,293	6,044	3,229	3,762
Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed	314,964,600	309,607,601	99,031	103,120	57,807	56,310
Cropland on which all crops failed or were abandoned	141,537	404,753	204	366	143	215
Cropland on which all crops failed or were abandoned	12,802,847	35,771,154	7,538	23,493	(D)	17,072
Cropland on which all crops failed or were abandoned	381,453	360,225	719	1,021	412	626
Cropland on which all crops failed or were abandoned	36,382,032	37,968,749	60,475	44,336	(D)	6,696
Cropland in cultivated summer fallow	97,248	89,587	294	298	198	196
Cropland in cultivated summer fallow	11,395,368	7,405,898	2,410	1,846	1,874	1,249
Cropland in cultivated summer fallow	61,442	67,960	152	126	64	48
Cropland in cultivated summer fallow	14,145,567	15,671,507	4,588	4,831	536	510
Total woodland	840,399	843,294	544	572	344	410
Woodland pastured	77,012,907	75,098,603	92,734	79,041	57,747	46,137
Woodland pastured	350,761	370,297	188	171	110	120
Woodland pastured	27,999,006	28,609,690	23,766	22,570	10,823	(D)
Woodland not pastured	606,279	596,123	392	429	254	306
Woodland not pastured	49,013,901	46,488,913	68,968	56,471	46,924	(D)
Permanent pasture and rangeland, other than cropland and woodland pastured (see text)	1,176,156	1,132,606	1,866	1,706	1,232	1,130
Permanent pasture and rangeland, other than cropland and woodland pastured (see text)	415,309,280	408,832,116	770,085	738,271	505,802	485,688
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.	1,338,485	1,126,272	3,076	2,998	1,831	1,732
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.	32,515,057	31,740,212	92,456	126,391	51,279	70,157
Cropland on which no-till practices were used	278,290	(NA)	1,012	(NA)	(NA)	(NA)
Cropland on which no-till practices were used	96,476,496	(NA)	3,513	(NA)	1,154	(NA)
Cropland on which conservation tillage, excluding no till, practices were used	195,738	(NA)	385	(NA)	219	(NA)
Cropland on which conservation tillage, excluding no till, practices were used	76,639,804	(NA)	3,854	(NA)	558	(NA)
Irrigated land	296,303	301,028	2,498	2,810	1,026	1,166
Irrigated land	55,822,231	56,599,305	81,813	58,635	(D)	8,097
Harvested cropland	261,281	256,105	2,355	2,719	982	1,133
Harvested cropland	52,092,384	51,537,104	41,960	47,825	(D)	6,559
Pastureland and other land	60,330	72,585	204	173	70	67
Pastureland and other land	3,729,847	5,062,201	39,853	10,810	(D)	1,538
FERTILIZER AND CHEMICALS						
Commercial fertilizer, lime, and soil conditioners	877,907	1,022,036	3,450	4,785	2,193	3,077
Commercial fertilizer, lime, and soil conditioners	247,802,465	265,995,497	109,503	116,530	43,806	48,729
Manure used	275,420	307,073	634	705	374	428
Manure used	22,072,968	22,096,315	5,165	3,859	3,301	2,121
Acres treated to control -						
Insects	361,286	354,357	2,349	2,012	1,424	1,179
Insects	100,719,008	90,947,822	30,417	33,474	10,701	15,378
Weeds, grass, or brush	794,320	703,884	3,299	3,053	2,091	2,100
Weeds, grass, or brush	285,510,954	226,295,783	114,713	98,108	43,662	45,872
Nematodes	58,865	34,992	379	253	205	143
Nematodes	14,454,000	7,560,158	4,089	6,889	1,566	400
Diseases in crops and orchards	121,682	97,333	963	836	539	450
Diseases in crops and orchards	35,006,868	22,693,212	9,143	9,716	3,531	3,152
Chemicals used to control growth, thin fruit, ripen, or defoliate	53,200	44,638	338	255	197	159
Chemicals used to control growth, thin fruit, ripen, or defoliate	13,136,568	12,125,799	19,000	15,677	(D)	759
SELECTED CROPS HARVESTED						
Corn, all	376,179	375,631	16	14	1	-
Corn, all	94,609,673	92,228,203	5,668	3,115	(D)	-
Soybeans for beans	302,963	279,110	2	-	-	-
Soybeans for beans	76,104,780	63,915,821	(D)	-	-	-
Small grains (wheat, oats, barley, rye)	184,481	201,413	-	-	-	-
Small grains (wheat, oats, barley, rye)	53,668,136	56,231,436	-	-	-	-
Cotton, all	18,155	18,605	-	-	-	-
Cotton, all	9,384,080	10,493,238	-	-	-	-
Rice	5,591	6,084	-	-	-	-
Rice	2,693,759	2,758,792	-	-	-	-
Vegetables harvested for sale	72,045	69,172	960	901	323	294
Vegetables harvested for sale	4,180,891	4,356,880	8,269	6,243	1,537	975
Land in orchards	106,488	115,935	3,488	4,443	2,520	3,124
Land in orchards	5,199,729	5,039,476	35,832	36,652	(D)	28,580
Nursery, greenhouse, floriculture, and sod	54,557	41,708	1,457	1,311	625	620
Nursery, greenhouse, floriculture, and sod	892,089	721,458	3,576	2,762	1,660	1,454
All other crops (other than those listed above)	931,925	986,391	2,295	2,916	1,288	1,612
All other crops (other than those listed above)	72,024,554	79,856,490	45,718	54,810	(D)	25,331
LIVESTOCK AND POULTRY						
Cattle and calves inventory	913,246	963,669	1,314	1,142	917	762
Cattle and calves inventory	89,994,614	96,347,858	133,957	151,479	98,059	108,093
Hogs and pigs inventory	63,246	75,442	231	225	70	89
Hogs and pigs inventory	66,026,785	67,786,318	11,441	14,933	931	1,350
Sheep and lambs inventory	88,338	83,134	353	394	296	325
Sheep and lambs inventory	5,364,844	5,819,162	21,921	22,376	(D)	(D)
Total horses and ponies inventory	504,795	575,942	669	842	401	510
Total horses and ponies inventory	3,621,348	4,028,827	5,114	6,547	2,667	3,274
Goats, all inventory	128,456	144,466	420	343	173	164
Goats, all inventory	2,621,514	3,140,529	12,996	9,169	4,109	3,024
Chickens, all inventory	221,779	166,680	571	383	342	258
Chickens, all inventory	1,974,854,740	2,058,223,629	298,844	(D)	(D)	(D)

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Table 1. Summary by Hydrologic Unit Code: 2012 and 2007 (continued)

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

Item	H200200		H200300		H200400	
	2012	2007	2012	2007	2012	2007
FARMS AND LAND IN FARMS						
Farms	894	880	-	-	32	57
Land in farms	150,733	158,079	-	-	1,705	6,419
LAND USE AND PRACTICES						
Total cropland	739	754	-	-	28	50
Harvested cropland	45,850	50,285	-	-	114	261
Other pasture and grazing land that could have been used for crops without additional improvement (see text)	701	722	-	-	26	50
Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed	22,178	24,553	-	-	(D)	170
Cropland on which all crops failed or were abandoned	34	74	-	-	-	4
Cropland in cultivated summer fallow	(D)	2,186	-	-	-	24
Cropland on which all crops failed or were abandoned	83	99	-	-	3	16
Cropland in cultivated summer fallow	(D)	(D)	-	-	(D)	41
Cropland on which all crops failed or were abandoned	29	25	-	-	3	4
Cropland in cultivated summer fallow	120	211	-	-	13	(D)
Cropland on which all crops failed or were abandoned	27	17	-	-	1	4
Cropland on which all crops failed or were abandoned	407	(D)	-	-	(D)	(D)
Total woodland	73	51	-	-	3	3
Woodland pastured	15,659	9,301	-	-	(D)	(D)
Woodland not pastured	26	11	-	-	1	1
Permanent pasture and rangeland, other than cropland and woodland pastured (see text)	(D)	(D)	-	-	(D)	(D)
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.	58	41	-	-	2	3
Cropland on which no-till practices were used	(D)	(D)	-	-	(D)	(D)
Cropland on which conservation tillage, excluding no till, practices were used	231	215	-	-	5	11
Irrigated land	82,478	84,847	-	-	(D)	(D)
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.	464	367	-	-	15	36
Cropland on which no-till practices were used	6,746	13,646	-	-	53	98
Cropland on which conservation tillage, excluding no till, practices were used	225	(NA)	-	(NA)	11	(NA)
Irrigated land	855	(NA)	-	(NA)	16	(NA)
Harvested cropland	46	(NA)	-	(NA)	1	(NA)
Pastureland and other land	338	(NA)	-	(NA)	(D)	(NA)
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.	467	464	-	-	26	42
Harvested cropland	(D)	23,899	-	-	142	193
Pastureland and other land	442	450	-	-	22	42
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.	(D)	22,458	-	-	54	133
Harvested cropland	34	32	-	-	4	3
Pastureland and other land	(D)	1,441	-	-	88	60
FERTILIZER AND CHEMICALS						
Commercial fertilizer, lime, and soil conditioners	405	534	-	-	21	39
Manure used	38,881	39,952	-	-	280	(D)
Acres treated to control -	110	84	-	-	5	8
Insects	363	284	-	-	17	37
Weeds, grass, or brush	269	218	-	-	15	13
Nematodes	3,434	4,070	-	-	(D)	62
Diseases in crops and orchards	382	269	-	-	17	16
Chemicals used to control growth, thin fruit, ripen, or defoliate	43,390	26,477	-	-	271	(D)
Commercial fertilizer, lime, and soil conditioners	46	43	-	-	2	7
Manure used	578	(D)	-	-	(D)	19
Acres treated to control -	136	123	-	-	6	10
Insects	922	1,239	-	-	16	32
Weeds, grass, or brush	53	20	-	-	7	2
Nematodes	(D)	(D)	-	-	11	(D)
Diseases in crops and orchards	SELECTED CROPS HARVESTED					
Corn, all	1	-	-	-	-	-
Soybeans for beans	(D)	-	-	-	-	-
Small grains (wheat, oats, barley, rye)	-	-	-	-	-	-
Cotton, all	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Vegetables harvested for sale	174	153	-	-	9	17
Land in orchards	1,231	599	-	-	(D)	71
Nursery, greenhouse, floriculture, and sod	400	459	-	-	20	43
All other crops (other than those listed above)	(D)	(D)	-	-	33	70
Cattle and calves inventory	262	197	-	-	11	9
Goats, all inventory	585	389	-	-	9	11
Chickens, all inventory	312	409	-	-	10	35
LIVESTOCK AND POULTRY						
Cattle and calves inventory	(D)	(D)	-	-	(D)	18
Cattle and calves inventory	132	130	-	-	1	7
Hogs and pigs inventory	14,495	20,915	-	-	(D)	(D)
Sheep and lambs inventory	48	38	-	-	1	-
Total horses and ponies inventory	1,920	2,786	-	-	(D)	-
Goats, all inventory	22	31	-	-	-	-
Chickens, all inventory	649	503	-	-	-	-
Cattle and calves inventory	73	125	-	-	1	4
Goats, all inventory	448	941	-	-	(D)	30
Chickens, all inventory	91	66	-	-	6	3
Cattle and calves inventory	5,811	2,372	-	-	(D)	269
Goats, all inventory	92	62	-	-	1	8
Chickens, all inventory	3,907	1,230	-	-	(D)	220

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Table 1. Summary by Hydrologic Unit Code: 2012 and 2007 (continued)

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

Item	H200500		H200600	
	2012	2007	2012	2007
FARMS AND LAND IN FARMS				
Farms	202	219	999	967
Land in farms	76,728	61,070	(D)	(D)
LAND USE AND PRACTICES				
Total cropland	135	171	835	793
Harvested cropland	3,614	4,011	22,200	18,896
Other pasture and grazing land that could have been used for crops without additional improvement (see text)	125	156	821	778
Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed	1,608	(D)	10,554	9,518
Cropland on which all crops failed or were abandoned	7	18	4	13
Cropland in cultivated summer fallow	65	173	(D)	1,672
Woodland pastured	26	35	122	135
Woodland not pastured	(D)	551	8,958	(D)
Permanent pasture and rangeland, other than cropland and woodland pastured (see text)	13	10	28	36
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.	79	(D)	228	287
Cropland on which no-till practices were used	9	8	28	31
Cropland on which conservation tillage, excluding no till, practices were used	(D)	1,454	(D)	(D)
Irrigated land	19	15	46	29
Harvested cropland	7,631	11,237	(D)	(D)
Pastureland and other land	11	6	14	9
Commercial fertilizer, lime, and soil conditioners	(D)	(D)	2,561	(D)
Manure used	11	9	32	23
Acres treated to control -	(D)	(D)	(D)	4,920
Insects	97	80	96	96
Weeds, grass, or brush	60,203	43,507	(D)	(D)
Nematodes	112	102	412	411
Diseases in crops and orchards	5,280	2,315	(D)	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate	42	(NA)	336	(NA)
Corn, all	210	(NA)	1,116	(NA)
Soybeans for beans	16	(NA)	54	(NA)
Small grains (wheat, oats, barley, rye)	(D)	(NA)	1,995	(NA)
Cotton, all	110	144	603	607
Rice	1,158	3,935	10,776	8,437
Vegetables harvested for sale	95	131	571	587
Land in orchards	936	(D)	8,942	7,476
Nursery, greenhouse, floriculture, and sod	22	16	43	28
All other crops (other than those listed above)	222	(D)	1,834	961
FERTILIZER AND CHEMICALS				
Commercial fertilizer, lime, and soil conditioners	65	117	518	603
Manure used	1,762	2,159	12,247	9,798
Acres treated to control -	18	25	59	91
Insects	(D)	74	406	1,002
Weeds, grass, or brush	44	46	481	417
Nematodes	935	1,434	9,473	9,680
Diseases in crops and orchards	70	61	516	383
Chemicals used to control growth, thin fruit, ripen, or defoliate	2,437	(D)	11,754	9,334
Corn, all	13	8	93	29
Soybeans for beans	268	(D)	1,612	(D)
Small grains (wheat, oats, barley, rye)	32	22	199	167
Cotton, all	709	486	2,115	3,198
Rice	7	14	52	38
Vegetables harvested for sale	37	49	(D)	(D)
SELECTED CROPS HARVESTED				
Corn, all	2	2	7	6
Soybeans for beans	(D)	(D)	1,897	(D)
Small grains (wheat, oats, barley, rye)	-	-	-	-
Cotton, all	-	-	-	-
Rice	-	-	-	-
Vegetables harvested for sale	-	-	-	-
Land in orchards	38	40	318	287
Nursery, greenhouse, floriculture, and sod	296	307	5,040	4,167
All other crops (other than those listed above)	61	96	264	330
Cattle and calves inventory	502	604	1,141	(D)
Hogs and pigs inventory	61	43	354	317
Sheep and lambs inventory	134	61	831	732
Total horses and ponies inventory	65	103	371	382
Goats, all inventory	(D)	(D)	1,658	(D)
LIVESTOCK AND POULTRY				
Cattle and calves inventory	71	53	60	61
Hogs and pigs inventory	(D)	3,534	4,708	5,961
Sheep and lambs inventory	32	19	60	57
Total horses and ponies inventory	(D)	174	6,265	8,551
Goats, all inventory	2	2	20	16
Chickens, all inventory	(D)	(D)	403	211
Ducks, all inventory	38	46	80	77
Poultry, all inventory	(D)	(D)	832	1,057
Swine, all inventory	34	17	45	35
Cattle and calves inventory	520	(D)	720	1,285
Hogs and pigs inventory	17	5	62	25
Sheep and lambs inventory	210	135	(D)	356,788

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Table 1. Summary by Hydrologic Unit Code: 2012 and 2007 (continued)

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

Item	H200700		H200800	
	2012	2007	2012	2007
FARMS AND LAND IN FARMS				
Farms	584	732	7	16
Land in farms	98,012	105,282	(D)	(D)
LAND USE AND PRACTICES				
Total cropland	410	591	6	13
Harvested cropland	30,217	22,306	19	30
Other pasture and grazing land that could have been used for crops without additional improvement (see text)	387	563	4	13
Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed	6,793	10,741	(D)	(D)
Cropland on which all crops failed or were abandoned	14	42	2	-
Cropland in cultivated summer fallow	1,520	2,366	(D)	-
Total woodland	73	108	-	2
Woodland pastured	21,416	8,984	-	(D)
Woodland not pastured	23	26	-	1
Permanent pasture and rangeland, other than cropland and woodland pastured (see text)	96	52	-	(D)
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.	23	18	-	-
Cropland on which no-till practices were used	392	163	-	-
Cropland on which conservation tillage, excluding no till, practices were used	56	63	3	1
Irrigated land	6,941	5,657	31	(D)
Harvested cropland	24	23	2	1
Pastureland and other land	346	100	(D)	(D)
Commercial fertilizer, lime, and soil conditioners	34	47	1	-
Manure used	6,595	5,557	(D)	-
Acres treated to control -	200	172	5	2
Insects	52,421	48,170	(D)	(D)
Weeds, grass, or brush	238	342	4	8
Nematodes	8,433	29,149	(D)	(D)
Diseases in crops and orchards	70	(NA)	-	(NA)
Chemicals used to control growth, thin fruit, ripen, or defoliate	162	(NA)	-	(NA)
Corn, all	49	(NA)	-	(NA)
Soybeans for beans	58	(NA)	-	(NA)
Small grains (wheat, oats, barley, rye)	266	379	-	8
Cotton, all	22,523	14,059	-	15
Rice	243	368	-	8
Vegetables harvested for sale	(D)	(D)	-	15
Land in orchards	31	27	-	-
Nursery, greenhouse, floriculture, and sod	(D)	(D)	-	-
All other crops (other than those listed above)	(D)	(D)	-	-
FERTILIZER AND CHEMICALS				
Commercial fertilizer, lime, and soil conditioners	243	413	5	2
Manure used	12,478	15,746	49	(D)
Acres treated to control -	66	69	2	-
Insects	(D)	341	(D)	-
Weeds, grass, or brush	115	139	1	-
Nematodes	5,818	2,850	(D)	-
Diseases in crops and orchards	220	220	3	4
Chemicals used to control growth, thin fruit, ripen, or defoliate	13,196	14,479	3	7
Corn, all	20	23	-	-
Soybeans for beans	(D)	228	-	-
Small grains (wheat, oats, barley, rye)	51	64	-	-
Cotton, all	1,850	1,609	-	-
Rice	22	22	-	-
Vegetables harvested for sale	33	(D)	-	-
SELECTED CROPS HARVESTED				
Corn, all	5	6	-	-
Soybeans for beans	2,267	1,634	-	-
Small grains (wheat, oats, barley, rye)	2	-	-	-
Cotton, all	(D)	-	-	-
Rice	-	-	-	-
Vegetables harvested for sale	-	-	-	-
Land in orchards	98	110	-	-
Nursery, greenhouse, floriculture, and sod	(D)	125	-	-
All other crops (other than those listed above)	221	384	2	7
Cattle and calves inventory	3,616	4,074	(D)	(D)
Hogs and pigs inventory	141	125	3	-
Sheep and lambs inventory	354	115	2	-
Total horses and ponies inventory	248	364	1	11
Goats, all inventory	385	4,803	(D)	17
Chickens, all inventory	385	4,803	(D)	17
LIVESTOCK AND POULTRY				
Cattle and calves inventory	130	126	3	3
Hogs and pigs inventory	13,732	11,636	(D)	(D)
Sheep and lambs inventory	20	22	-	-
Total horses and ponies inventory	1,480	2,072	-	-
Goats, all inventory	12	18	1	2
Chickens, all inventory	1,040	629	(D)	(D)
Commercial fertilizer, lime, and soil conditioners	73	76	3	4
Manure used	567	610	(D)	(D)
Acres treated to control -	68	56	3	2
Insects	1,145	1,931	(D)	(D)
Weeds, grass, or brush	55	25	2	-
Nematodes	2,491	462	(D)	-
Diseases in crops and orchards	2,491	462	(D)	-
Chemicals used to control growth, thin fruit, ripen, or defoliate	2,491	462	(D)	-