



MAP DISCLAIMER:
 A GPS unit was used to approximate the location of livestock noted on this map. Refer to attached narrative for description of data and techniques.

Livestock Windshield Survey

Version 2




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2005 Livestock Assessment Narrative
Whatcom Conservation District
Prepared for the Washington Conservation Commission

The Whatcom Conservation District conducted a "windshield survey" as a way to survey the presence of livestock throughout the county.

MAP & DATA DISCLAIMER:

The presence of livestock noted on the map reflects roadside observations, as well as known numbers of dairy cows based on District records. For data other than dairy related, Whatcom Conservation District staff used a GPS unit to note location of livestock. For each GPS point, corresponding data was recorded, including livestock type, estimate of numbers, and any other noteworthy information, such as field conditions. This information was entered into a database and produced the results summarized below. Due to limitations of what can be seen from roadside observations (i.e. not all properties are visible from the road) it is likely that livestock presence is underrepresented by this method. The points on this map represent the location from which District staff observed livestock or the facilities that house the animals (i.e. dairy barn, commercial horse stable, etc.) and also the known number and location of dairy cows.

Windshield Survey Results:

Data points: **1349** data points collected and entered into the database

The following livestock numbers are estimations based on roadside observations. Due to limitations of what can be seen from roadside observations (i.e. not all properties are visible from the road), it is likely that livestock presence is underrepresented by this method.

Horses	2,288
Cattle (dairy & beef)	87,669
Sheep	316
Swine	14
Goat	279
Llama/Alpaca	230

Livestock Survey Results

<i>Group Name</i>	<i>Watershed</i>	<i>#</i>	<i>Horse</i>	<i>Cattle</i>	<i>Sheep</i>	<i>Swine</i>	<i>Goat</i>	<i>Llama-Alpaca</i>
<i>Bellingham Bay</i>								
	Baker	4	3	208	0	0	0	0
	Lower Squalicum	2	0	0	0	0	2	2
	McCormick	28	84	192	0	0	0	0
	Spring	29	79	37	3	0	34	4
	Upper Squalicum	1	0	3	0	0	0	0
<i>Birch Bay</i>								
	Cherry Point	1	0	30	0	0	0	0
	Fingalson	10	10	206	0	0	0	30
	Lake Terrell	33	54	255	7	0	7	7
	Semiahmoo	12	42	55	12	0	0	0
<i>Drayton Harbor</i>								
	Blaine	20	52	93	4	0	0	0
	California	111	212	4022	24	3	12	3
	Haynie	4	9	0	0	0	0	2
	Lower Dakota	43	46	116	17	0	39	24
	North Fork Dakota	31	68	52	15	0	18	0
	South Fork Dakota	44	101	6940	2	0	4	0
<i>Lower Nooksack Subbasin</i>								
	Bertrand	105	112	10707	18	0	5	1
	Deer	34	56	124	9	0	2	53
	Fazon	23	48	216	25	0	6	0
	Fishtrap	73	59	9737	6	0	10	8
	Fourmile	42	84	2800	11	0	8	0
	Kamm	65	93	5731	21	0	3	0
	Lower Anderson	31	53	193	13	3	6	0
	Nooksack Deming to Everson	18	16	2629	5	4	0	0
	Schneider	46	82	224	9	0	51	4
	Scott	64	105	6233	22	2	21	0
	Silver	34	43	225	40	0	0	13
	Smith	9	4	225	2	0	0	0
	Ten Mile	134	230	3557	11	0	18	9
	Wiser Lake/Cougar Creek	64	133	4016	0	0	13	12

<i>Group Name</i>	<i>Watershed</i>	<i>#</i>	<i>Horse</i>	<i>Cattle</i>	<i>Sheep</i>	<i>Swine</i>	<i>Goat</i>	<i>Llama-Alpaca</i>
<i>Lummi Bay Watershed</i>								
	Jordan	52	84	903	7	2	7	47
	Lummi Peninsula West	3	3	363	0	0	0	0
	Sandy Point	3	6	2	17	0	0	0
	Schell	3	22	0	0	0	0	0
<i>Middle Fork Subbasin</i>								
	Lower Middle Fork Nooksack	6	11	21	4	0	0	0
<i>North Fork Subbasin</i>								
	Bells	1	0	1	0	0	0	0
	Canyon Lake	2	2	3	0	0	0	0
	Hamilton	3	3	2	0	0	0	0
	Kendall	9	60	41	0	0	0	0
<i>Skagit River</i>								
	Skagit River	3	2	15	0	0	0	0
<i>South Fork Subbasin</i>								
	Black Slough	22	62	513	3	0	8	4
	Hutchinson	2	3	0	0	0	0	0
	Lower South Fork Nooksack	18	25	680	0	0	0	0
	South Acme Area	2	0	855	0	0	0	0
<i>Sumas River Subbasin</i>								
	Breckenridge	31	28	8271	0	0	0	0
	Dale	5	0	3406	0	0	0	0
	Johnson	54	86	9872	9	0	5	7
	Saar	13	12	3894	0	0	0	0
	Sumas City	2	2	1	0	0	0	0
		1349	2289	87669	316	14	279	230