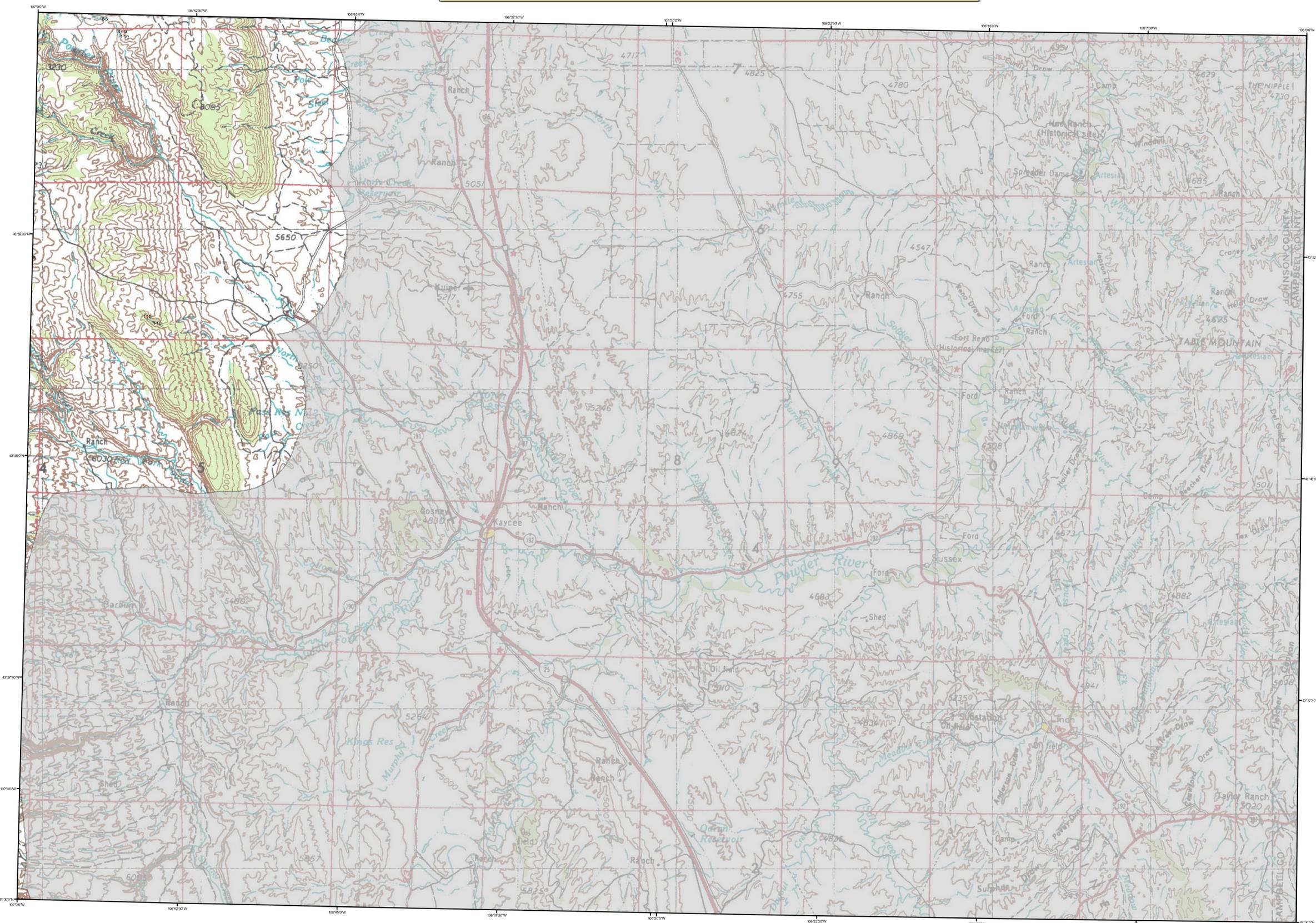


2010 Aerial Insect and Disease Survey Kaycee, Wyoming USGS 100K TOPO!: 43106-E1



1:100,000

Legend		Causal Agent(s)		Not Flown	
Use of the Number System					
Example: 5-25 = The first number before the dash is the causal agent code. The number after the dash is the number of dead "fader" trees in the polygon or point. When recent dead trees are not counted, an intensity code of L=light, M=moderate, and H=high may be used after the causal agent code. Periodically, trees per acreage estimates are used after the causal agent code instead of number of dead "fader" trees (or an intensity code). For example: 5-10A = The first number before the dash is the causal agent code. The number after the dash is an estimation of the number of dead "fader" trees in the polygon per acre. In this case it would be an estimation that, on the average, one tree per every two acres would be a dead "fader" tree. In another example: 5-3A = that on the average, an estimated three trees per acre are dead "fader" trees. A "7" is used as a separator when a point polygon has more than one causal agent code.					
Code	Causal Agent	Primary Most	Code	Causal Agent	Primary Most
1	Douglas-fir beetle	Douglas-fir	49	Atropellid	Lodgepole Pine
2	Engelmann Spruce Beetle	Engelmann Spruce	50	White pine blister rust	White Pine
3	Mountain pine beetle	Ponderosa Pine	51	Dwarf mistletoe	Softwoods
4	Mountain pine beetle	Lodgepole Pine	52	Elytridemia	Ponderosa Pine
5	Mountain pine beetle	White Fir	53	Inclusus #55, 05 & 05	All Tree Species
6	Western pine beetle	Ponderosa Pine	54	Ar pollinators	All Tree Species
7	Pine engraver	White Fir	55	Chemical sprague	All Tree Species
8	Douglas-fir engraver beetle	Douglas-fir	56	Lophodermium pinastri	Softwoods
9	Western balsam bark beetle	Subalpine Fir	57	Rhadinocarpus coccinelliformis	Softwoods
10	Unidentified bark beetle	Softwoods	58	Lophodermium arcutum	Softwoods
11	Pine engraver	Lodgepole Pine	59	Leucosticte alacuta	Softwoods
12	Pine engraver	Ponderosa Pine	60	Lophodermium concolor	Softwoods
13	Ponderosa pine needle miner	Lodgepole Pine	61	Dobsonia pini	Softwoods
14	Lodgepole pine needle miner	Ponderosa Pine	62	Needle cast (trypodematocae)	Softwoods
15	Jack pine budworm	Jack Pine	63	Root Rot	All Tree Species
16	Spruce budworm, light defol.	Douglas-fir	64	Unidentified disease	Softwoods
17	Spruce budworm, medium defol.	Douglas-fir	65	Winter damage light	All Tree Species
18	Spruce budworm, heavy defol.	Douglas-fir	66	Winter damage medium	All Tree Species
19	Douglas-fir bark moth	Douglas-fir	67	Winter damage heavy	All Tree Species
20	Pine butterfly	Ponderosa Pine	68	Windthrow	Softwoods
21	Pine looper	Ponderosa Pine	69	Pinon black stain	Common Pinon
22	Pine tortrix	Ponderosa Pine	70	Fire	All Tree Species
23	Leaf skeletonizer	Hardwoods	71	Flaccid	Softwoods
24	Leaf beetles	Hardwoods	72	Windthrow	All Tree Species
25	Oak leaf roller	Hardwoods	73	High water damage	All Tree Species
26	Pine needle-bark miner	Ponderosa Pine	74	Avalanche	All Tree Species
27	Pine sawflies	Ponderosa Pine	75	Aspen decline-multiple agents)	Quaking Aspen
28	Pine sawflies	Ponderosa Pine	76	Pinon mortality	Common Pinon
29	Cankworms	Hardwoods	77	Juniper mortality-unknown agents)	Juniper
30	Variable oak leaf caterpillar	Hardwoods	78	Quercus oak decline-unknown agents)	Quercus Oak
31	Unidentified defoliator	All Tree Species	79	Limber pine decline-multiple agents)	Limber Pine
32	Halimolobos anisum (Fomes annosus)	Softwoods	80	Hail damage	All Tree Species
33	Amelara rotator (Amelara rotator)	Softwoods	81	Unknown polygon	Unknown
34	Polyphorus schweinfurthii	Softwoods	82	100 old pinon mortality	Common Pinon
35	Pinegrass	Softwoods	83	101 old pinon mortality	Lodgepole Pine
36	Cytospora	All Tree Species	84	102 dutch elm disease	Elm
37	Western gall rust	Unknown	103	103 dislodged	Ponderosa Pine
38	Campanula rust	Unknown	104	104 fox horsetail	Spruce White Spruce
39	Shilachne rust	Lodgepole Pine	105	drought killed narrow leaf cottonwood	Narrowleaf Cottonwood
100	for squirrel tagging	Cottonwood Poplar	107	fall lightning	Softwoods
101	road salt	Softwoods	108	road salt	Softwoods
102	pinewood nematode	Softwoods	109	pinewood nematode	Softwoods
110	oak wilt	Oak	111	rot disease	All Tree Species
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