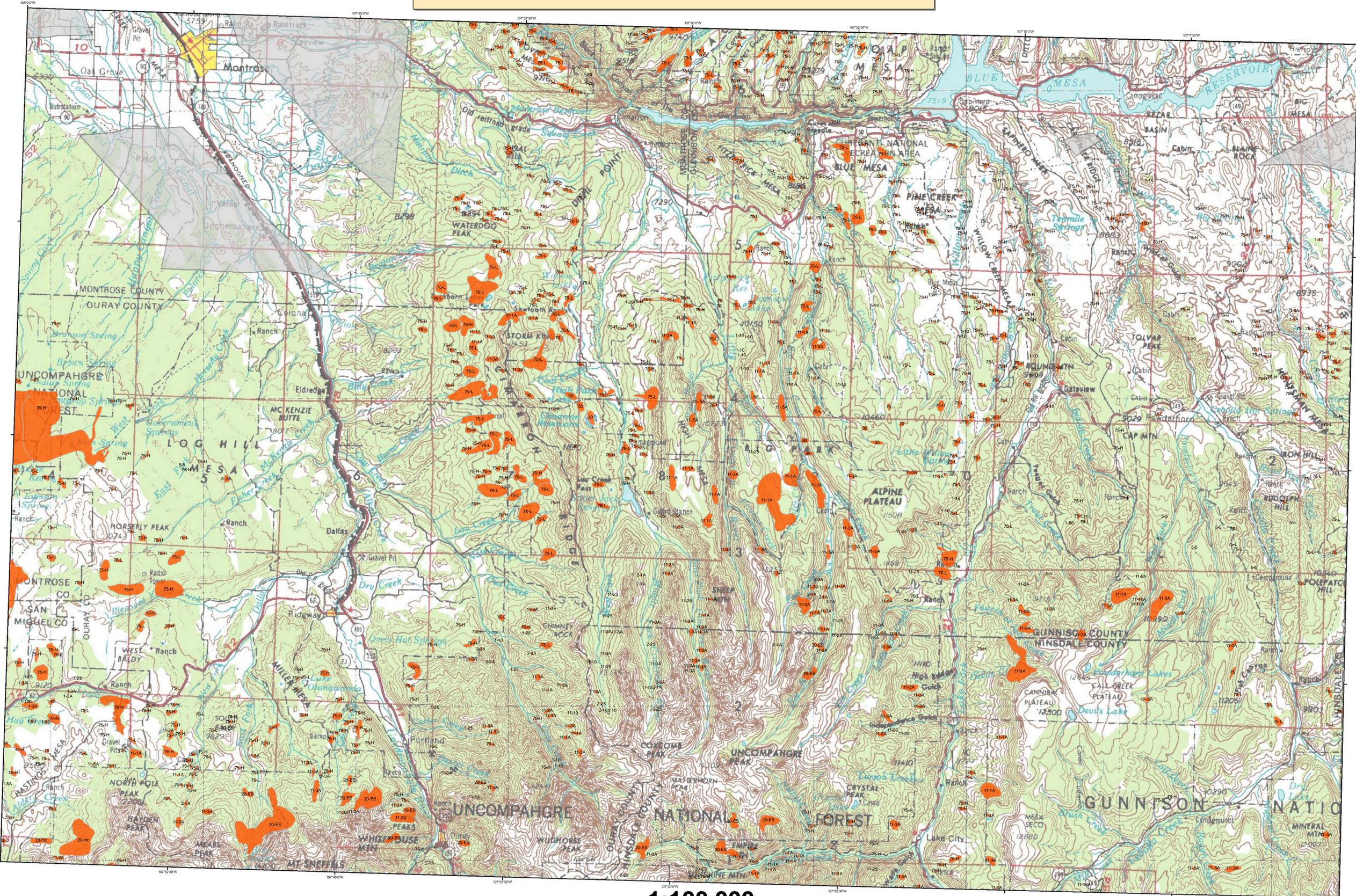


2008 Aerial Insect and Disease Survey Montrose, Colorado USGS 100K TOPO!: 38107-A1

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1:100,000

Legend		Causal Agent(s)		Not Flown	
<p>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 Light, Moderate, or 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: 5-125A = 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: 5-5A = 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.</p>					
Code	Causal Agent	Code	Causal Agent	Code	Causal Agent
1	Douglas-fir beetle	42	Anoplophora	107	fall webworm
2	Engelmann Spruce Beetle	50	White pine blister rust	108	dead oak
3	Mountain pine beetle	51	Aspen sawfly	109	pinewood nematode
4	Mountain pine beetle	52	Ectyroloma	110	oak wilt
5	Western pine beetle	53	Inclusus #05, 05 & 05	111	oak wilt
6	White fir	54	Aspen sawfly	112	oak wilt
7	Fire Engulfer	55	Chemical damage	113	oak wilt
8	Douglas-fir engraver beetle	56	Lophodermium annotinum	114	anthracnose leaf blotch
9	Subline fir	57	Rhabdocline pseudotsugae	115	Diabrotica
10	Unidentified bark beetle	58	Lophodermium arcutum	116	Diabrotica
11	Pine engraver	59	Lophodermium arcutum	117	Diabrotica
12	Pine engraver	60	Lophodermium concolor	118	Herpetodes
13	Pine engraver	61	Dactyloctenium	119	Flagging
14	Pine engraver	62	Needle cast (Hypodermaceae)	120	Aspen tortrix
15	Lodgepole pine needle miner	63	Needle cast (Hypodermaceae)	121	Marsdenia Blight
16	Lodgepole pine needle miner	64	Unidentified disease	200	Diabrotica (ash)
17	Jack pine budworm	65	Winter damage light	201	Diabrotica (cottonwood)
18	Jack pine budworm, light defol.	66	Winter damage medium	202	Diabrotica (hardwood)
19	Jack pine budworm, heavy defol.	67	Winter damage heavy	203	Diabrotica (oak)
20	Pine butterfly	68	Winter damage light	204	Diabrotica (oak)
21	Pine butterfly	69	Winter damage medium	210	Mortality (oak cottonwood)
22	Douglas-fir tussock moth	70	Winter damage heavy	211	Mortality (eastern cedar)
23	Pine looper	71	Winter damage light	212	Mortality (hardwood)
24	Pine looper	72	Winter damage medium	213	Mortality (oak)
25	Pine tortrix	73	Winter damage heavy	214	Mortality (oak)
26	Tent caterpillars	74	Winter damage light	215	Mortality (oak)
27	Leaf beetles	75	Winter damage medium	220	Discoloration (ash)
28	Oak leaf miner	76	Winter damage heavy	221	Discoloration (cottonwood)
29	Pine needle-needle miner	77	Winter damage light	222	Discoloration (cottonwood)
30	Pine needle-needle miner	78	Winter damage medium	223	Discoloration (eastern cedar)
31	Pine needle-needle miner	79	Winter damage heavy	224	Discoloration (hardwood)
32	Cantharid	80	Winter damage light	225	Discoloration (oak)
33	Variable oak leaf scald	81	Winter damage medium	226	Discoloration (oak)
34	Unidentified defolator	82	Winter damage heavy	230	Discoloration (oak)
35	Hemlock-miner (Pezomachus)	83	Winter damage light	231	Discoloration (oak)
36	Armillaria ostoyae (Armillaria mellea)	84	Winter damage medium	232	Discoloration (oak)
37	Polyporus schweinitzii	85	Winter damage heavy	233	Discoloration (oak)
38	Phytophthora	86	Winter damage light	234	Discoloration (oak)
39	Cytospora	87	Winter damage medium	235	Discoloration (oak)
40	Western gall rust	88	Winter damage heavy	240	Unidentified defolator (cottonwood)
41	Comandra rust	89	Winter damage light	241	Unidentified defolator (oak)
42	Shalobine rust	90	Winter damage medium	242	Unidentified defolator (hardwood)
43	Shalobine rust	91	Winter damage heavy	300	Mortality (pine)
44	Shalobine rust	92	Winter damage light		
45	Shalobine rust	93	Winter damage medium		
46	Shalobine rust	94	Winter damage heavy		
47	Shalobine rust	95	Winter damage light		
48	Shalobine rust	96	Winter damage medium		
49	Shalobine rust	97	Winter damage heavy		
50	Shalobine rust	98	Winter damage light		
51	Shalobine rust	99	Winter damage medium		
52	Shalobine rust	100	Winter damage heavy		
53	Shalobine rust	101	Winter damage light		
54	Shalobine rust	102	Winter damage medium		
55	Shalobine rust	103	Winter damage heavy		
56	Shalobine rust	104	Winter damage light		
57	Shalobine rust	105	Winter damage medium		
58	Shalobine rust	106	Winter damage heavy		
59	Shalobine rust	107	Winter damage light		
60	Shalobine rust	108	Winter damage medium		
61	Shalobine rust	109	Winter damage heavy		
62	Shalobine rust	110	Winter damage light		
63	Shalobine rust	111	Winter damage medium		
64	Shalobine rust	112	Winter damage heavy		
65	Shalobine rust	113	Winter damage light		
66	Shalobine rust	114	Winter damage medium		
67	Shalobine rust	115	Winter damage heavy		
68	Shalobine rust	116	Winter damage light		
69	Shalobine rust	117	Winter damage medium		
70	Shalobine rust	118	Winter damage heavy		
71	Shalobine rust	119	Winter damage light		
72	Shalobine rust	120	Winter damage medium		
73	Shalobine rust	121	Winter damage heavy		
74	Shalobine rust	122	Winter damage light		
75	Shalobine rust	123	Winter damage medium		
76	Shalobine rust	124	Winter damage heavy		
77	Shalobine rust	125	Winter damage light		
78	Shalobine rust	126	Winter damage medium		
79	Shalobine rust	127	Winter damage heavy		
80	Shalobine rust	128	Winter damage light		
81	Shalobine rust	129	Winter damage medium		
82	Shalobine rust	130	Winter damage heavy		
83	Shalobine rust	131	Winter damage light		
84	Shalobine rust	132	Winter damage medium		
85	Shalobine rust	133	Winter damage heavy		
86	Shalobine rust	134	Winter damage light		
87	Shalobine rust	135	Winter damage medium		
88	Shalobine rust	136	Winter damage heavy		
89	Shalobine rust	137	Winter damage light		
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93	Shalobine rust	141	Winter damage medium		
94	Shalobine rust	142	Winter damage heavy		
95	Shalobine rust	143	Winter damage light		
96	Shalobine rust	144	Winter damage medium		
97	Shalobine rust	145	Winter damage heavy		
98	Shalobine rust	146	Winter damage light		
99	Shalobine rust	147	Winter damage medium		
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101	Shalobine rust	149	Winter damage light		
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135	Shalobine rust	183	Winter damage medium		
136	Shalobine rust	184	Winter damage heavy		
137	Shalobine rust	185	Winter damage light		
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164	Shalobine rust	212	Winter damage light		
165	Shalobine rust	213	Winter damage medium		
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184	Shalobine rust	232	Winter damage heavy		
185	Shalobine rust	233	Winter damage light		
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203	Shalobine rust	251	Winter damage light		
204	Shalobine rust	252	Winter damage medium		
205	Shalobine rust	253	Winter damage heavy		
206	Shalobine rust	254	Winter damage light		
207	Shalobine rust	255			