

Canine and Equine SAR



Search Crucials

- Search is an Emergency
- Search is a classic mystery
- **Search for clues not just the subject**
- Know if the subject leaves the search area
- **Close grid search as a last resort**
- Manage by objectives
- Search management is information management

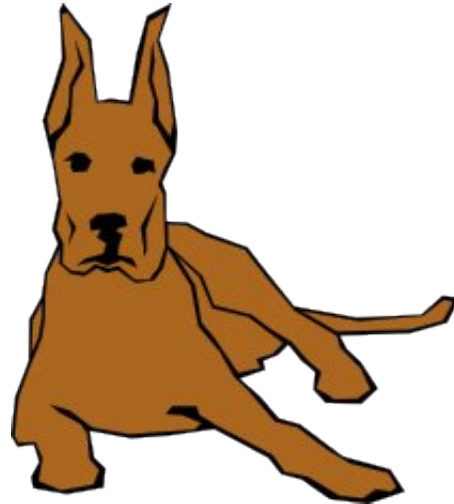
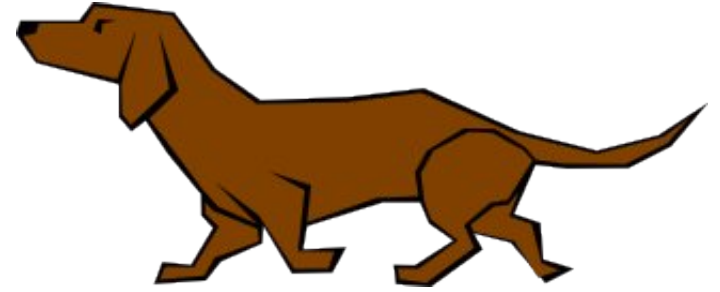
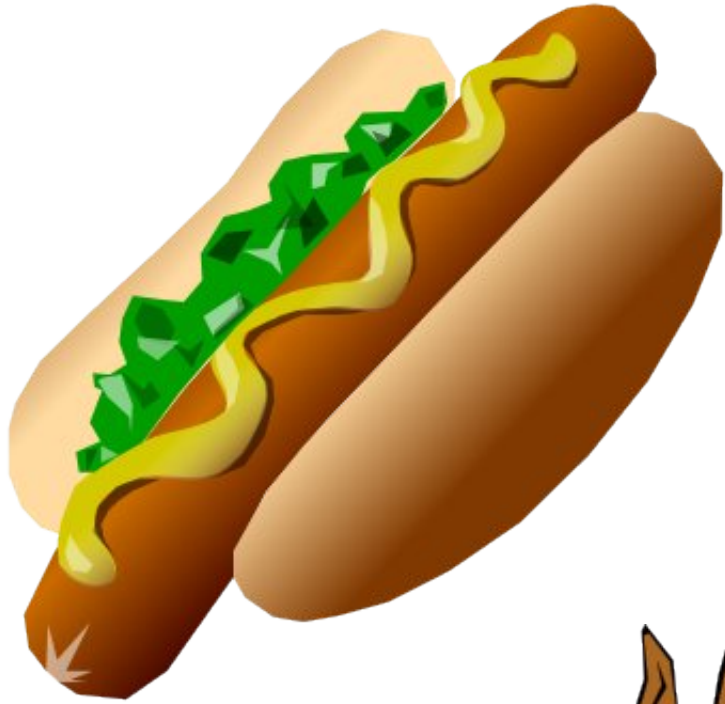
Instincts

- Dog – Predator
- Horse – Prey



Call out the dogs!





FEMA Typed Canine SAR (ESF-9) Resources

- Canine Search and Rescue Team – Wilderness Air Scent
 - Type I, Type II, Type III, Type IV
- Canine Search and Rescue Team – Wilderness Tracking/Trailing
 - Type I, Type II, Type III, Type IV
- Canine Search and Rescue Team – Land Cadaver Air Scent
 - Type I – disaster, Type II - disaster
 - Type III – non-disaster, Type IV – non-disaster
- Canine Search and Rescue Team – Water Air Scent
 - Type I, Type II, Type III, Type IV
- Canine Search and Rescue Team – Avalanche Snow Air Scent
 - Type I, Type II
- Canine Search and Rescue Team – Disaster Response
 - Type I, Type II, Type III, Type IV

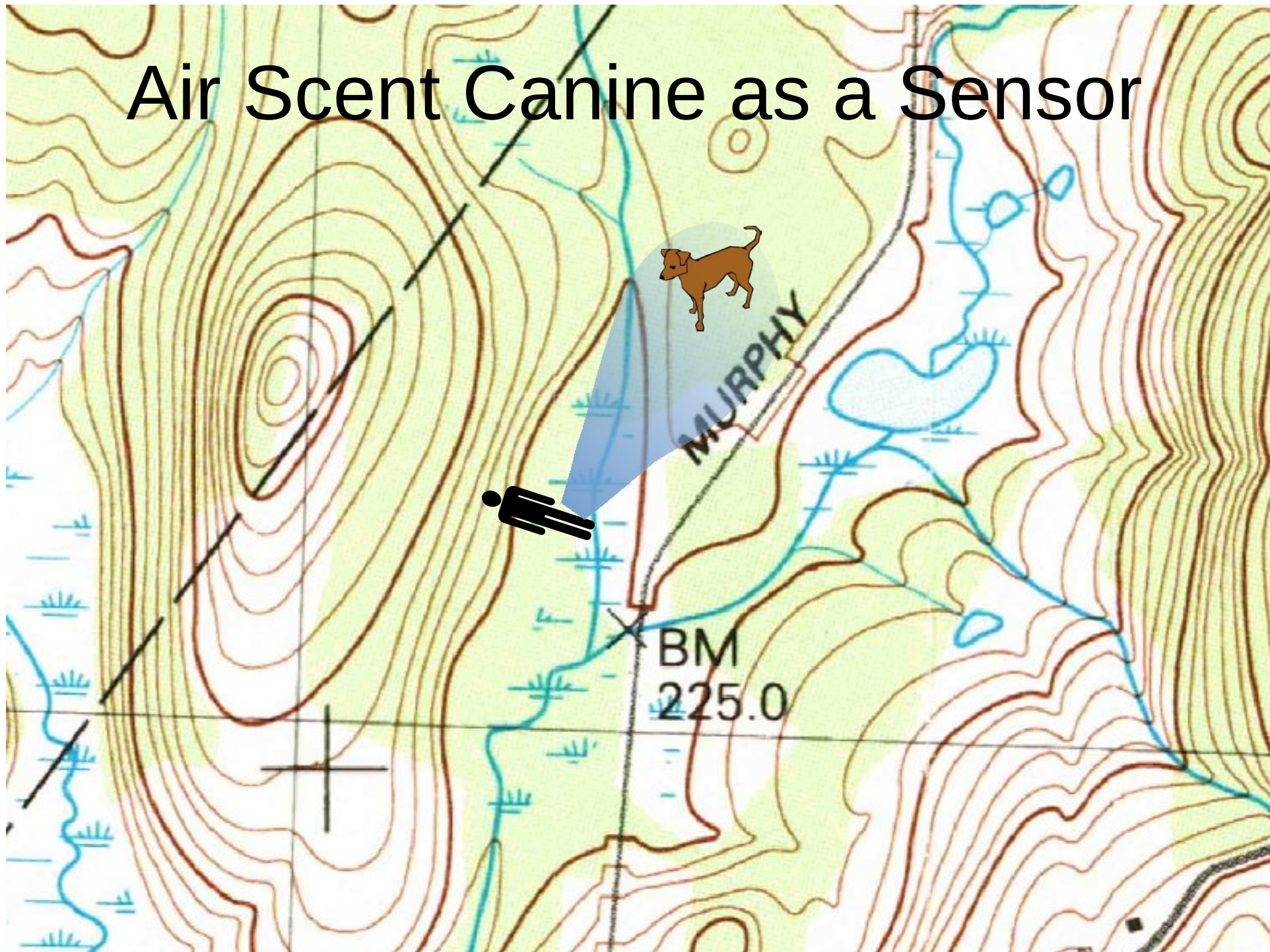
Some Canine Resource Types

- Wilderness Air Scent
- Tracking/Trailing
- Cadaver/HRD
- Water Search
- Article
- Avalanche
- Disaster: Live Find
- Disaster: Cadaver/HRD
- Patrol (ESF-13)

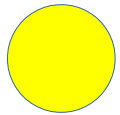
Wilderness Air Scent



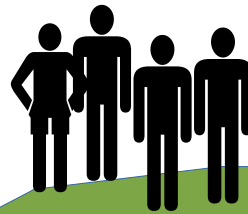
Air Scent Canine as a Sensor

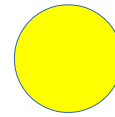


Low Sun Angle, Overcast Light Breeze, Night



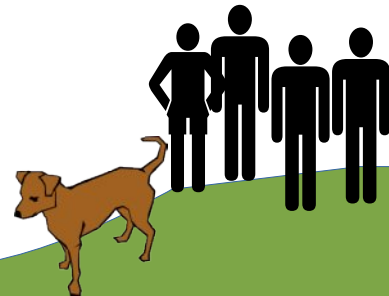
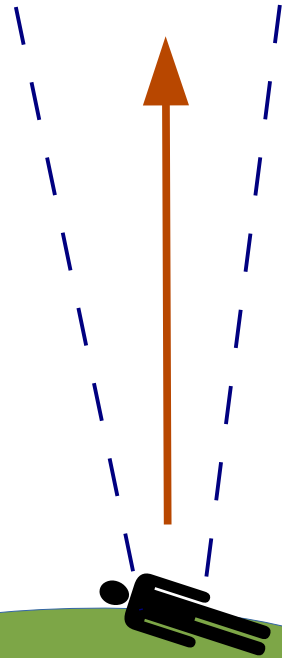
Scent Plume



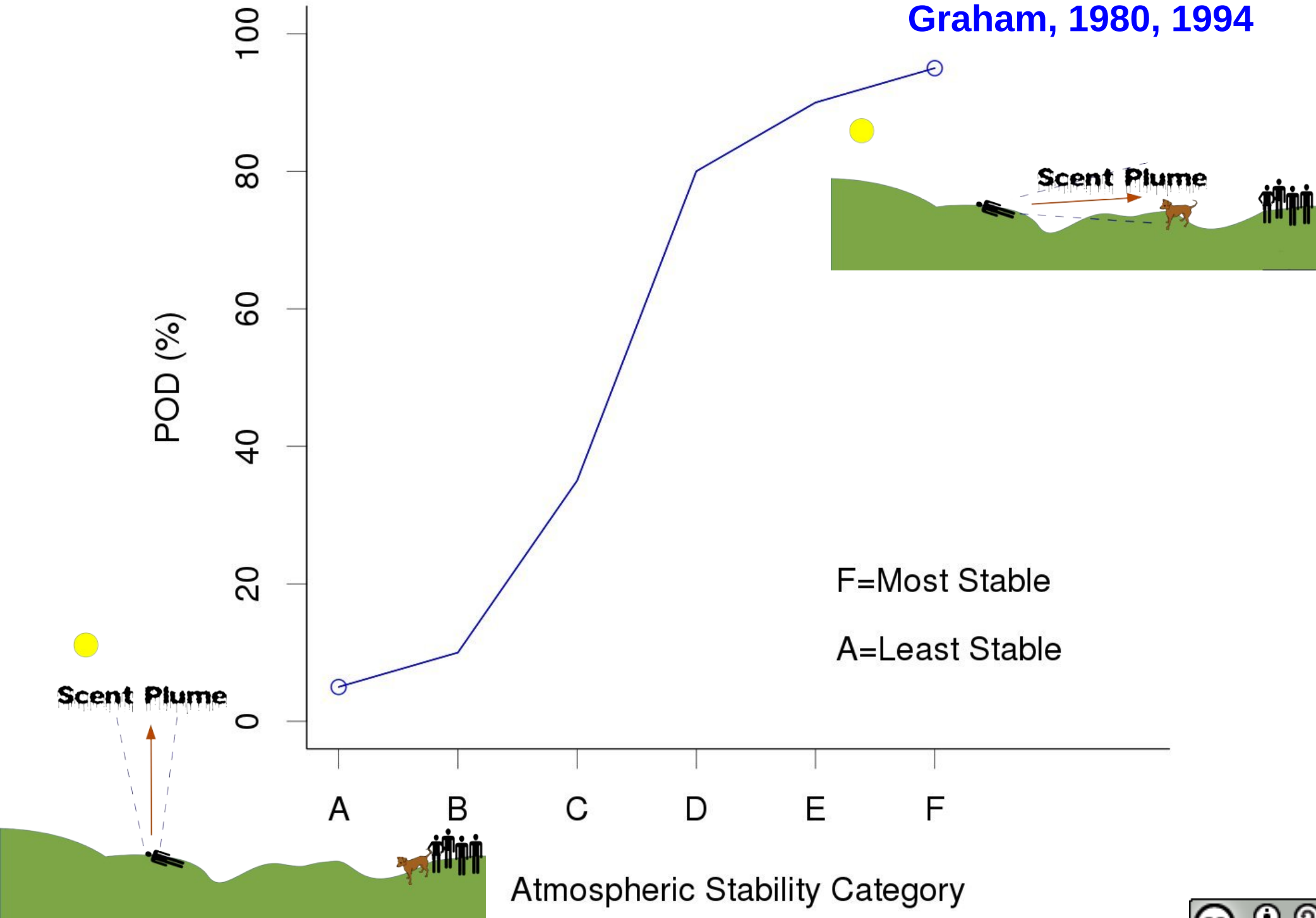


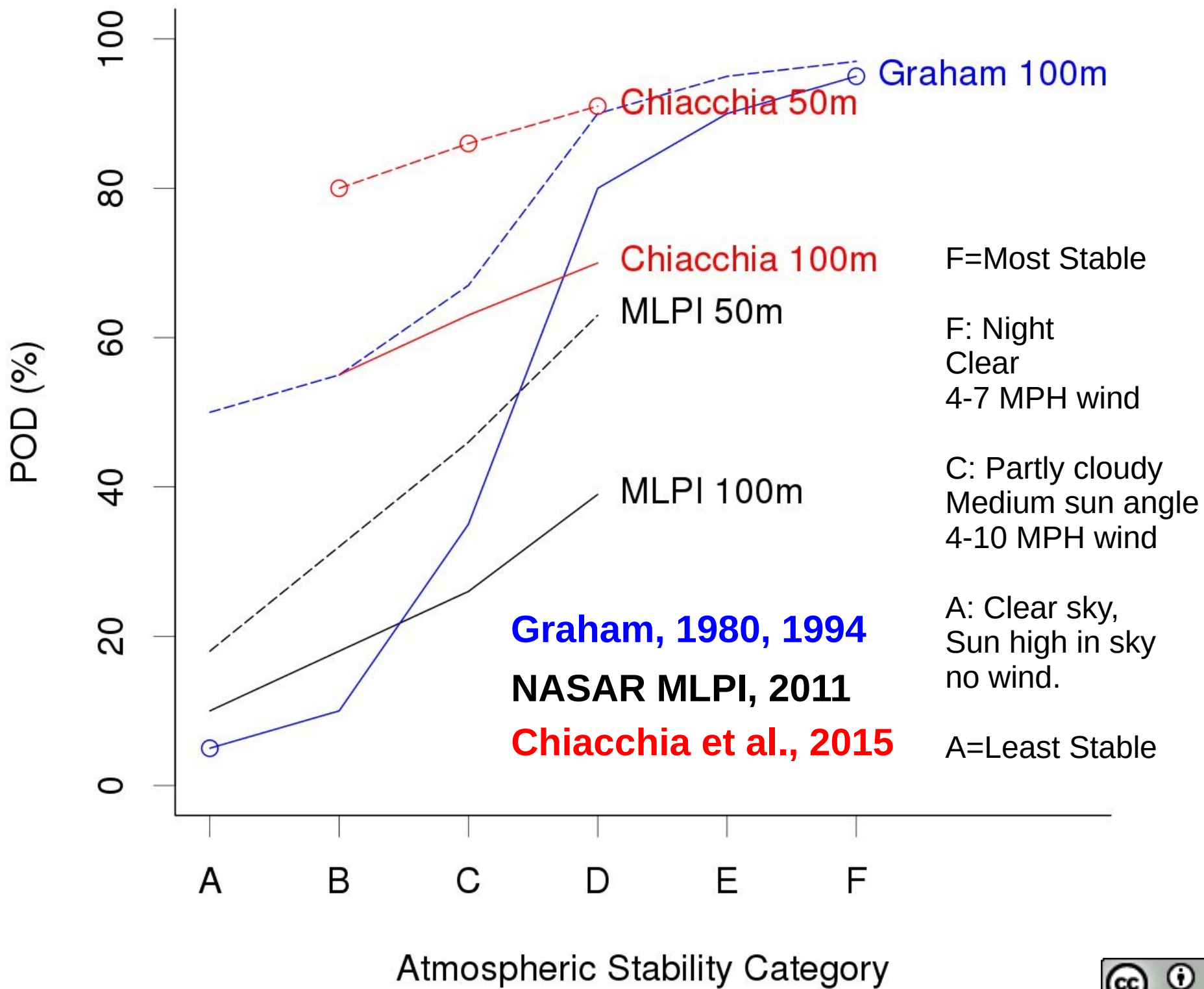
Bright, Calm, Clear, Sunny Day

Scent Plume



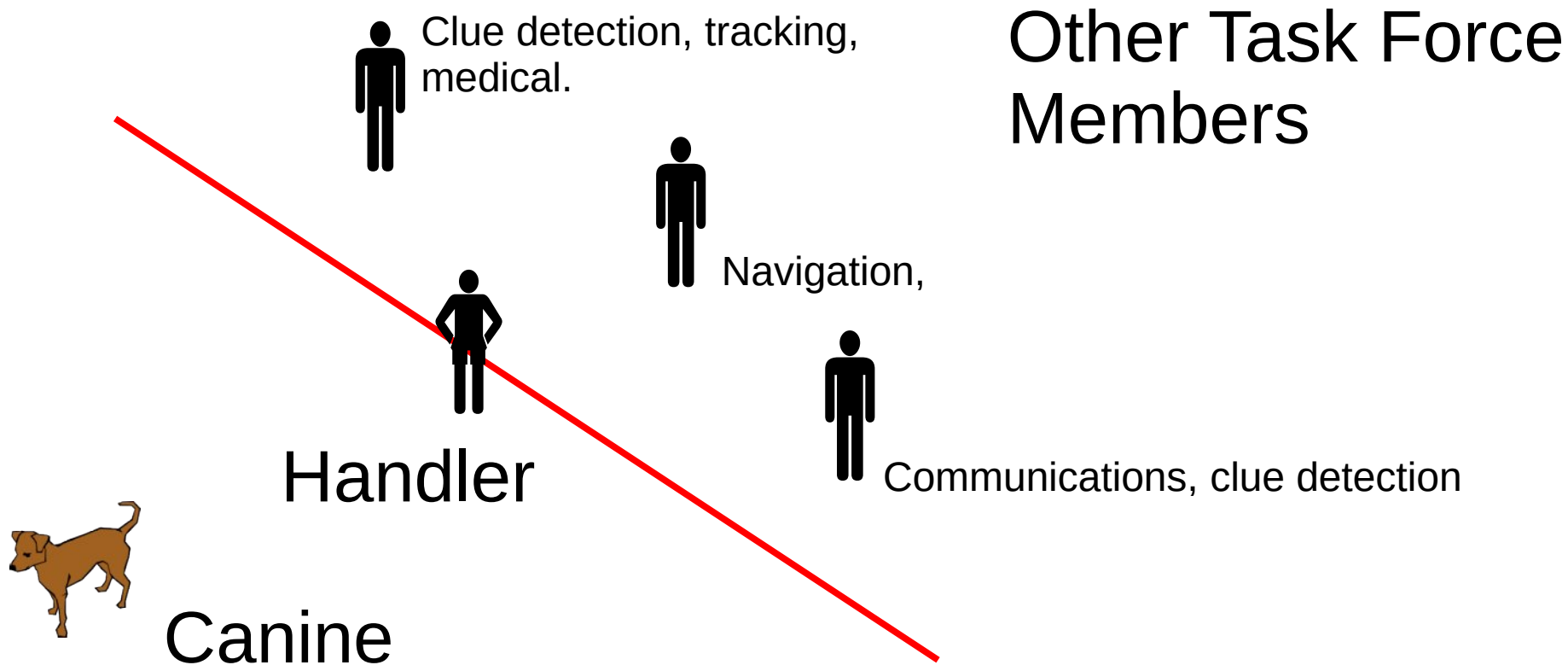
Graham, 1980, 1994







Working with a Canine Task



Keep behind the handler.
Follow the handler's instructions.

Don't pet, feed, or play with
the dog.



Confined Space
Training Area
Constructed through the generous
support of the following:

HEATH LUMBER - ENVIRONMENTALS
PSE&O - MERCER COUNTY D.O.T.
PRINCETON TWP. D.P.W.

SEARCH
AND
RESCUE

SEARCH
AND
RESCUE

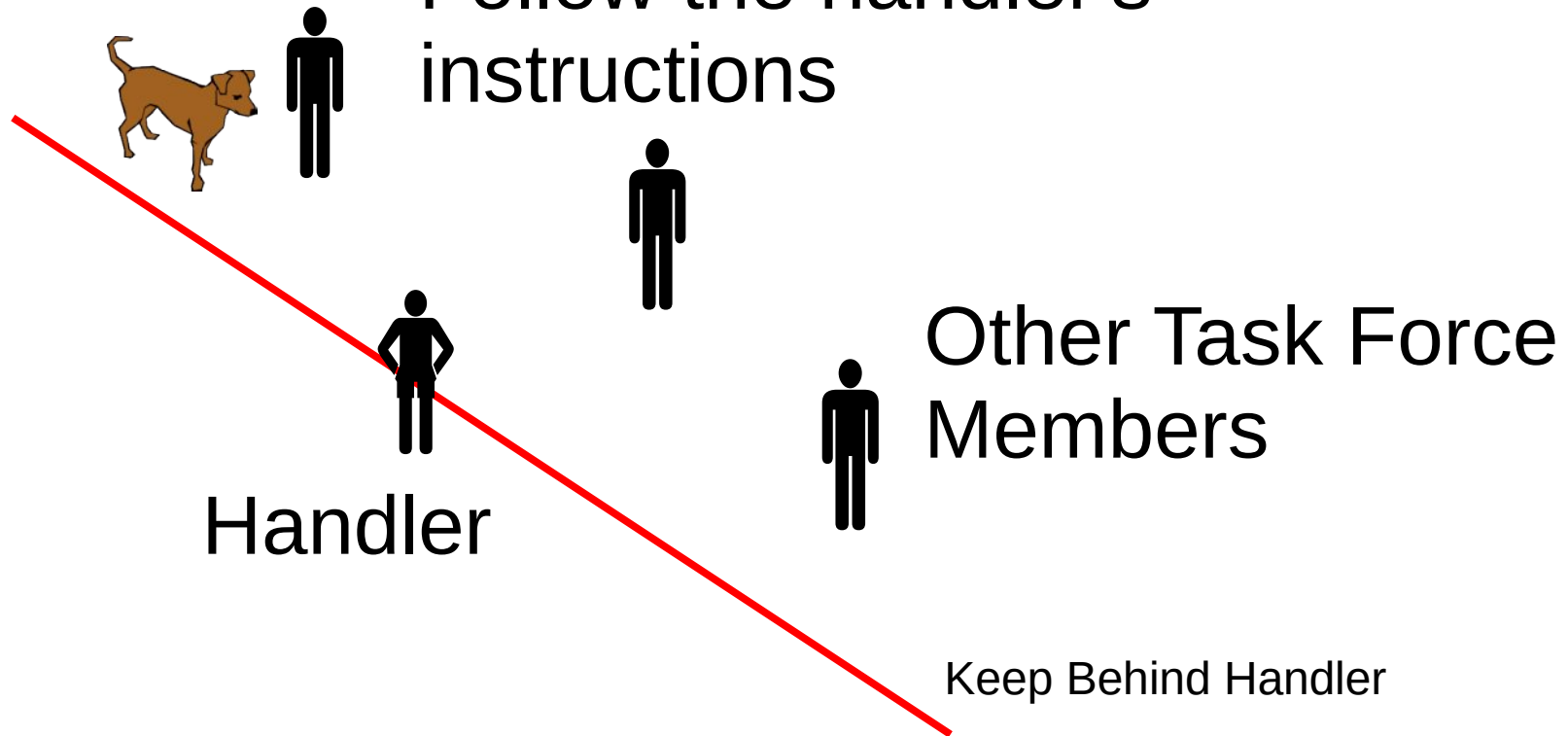
SEARCH
AND
RESCUE

SEARCH
AND
RESCUE

The dog may check your scent

Don't pay the dog any particular attention.

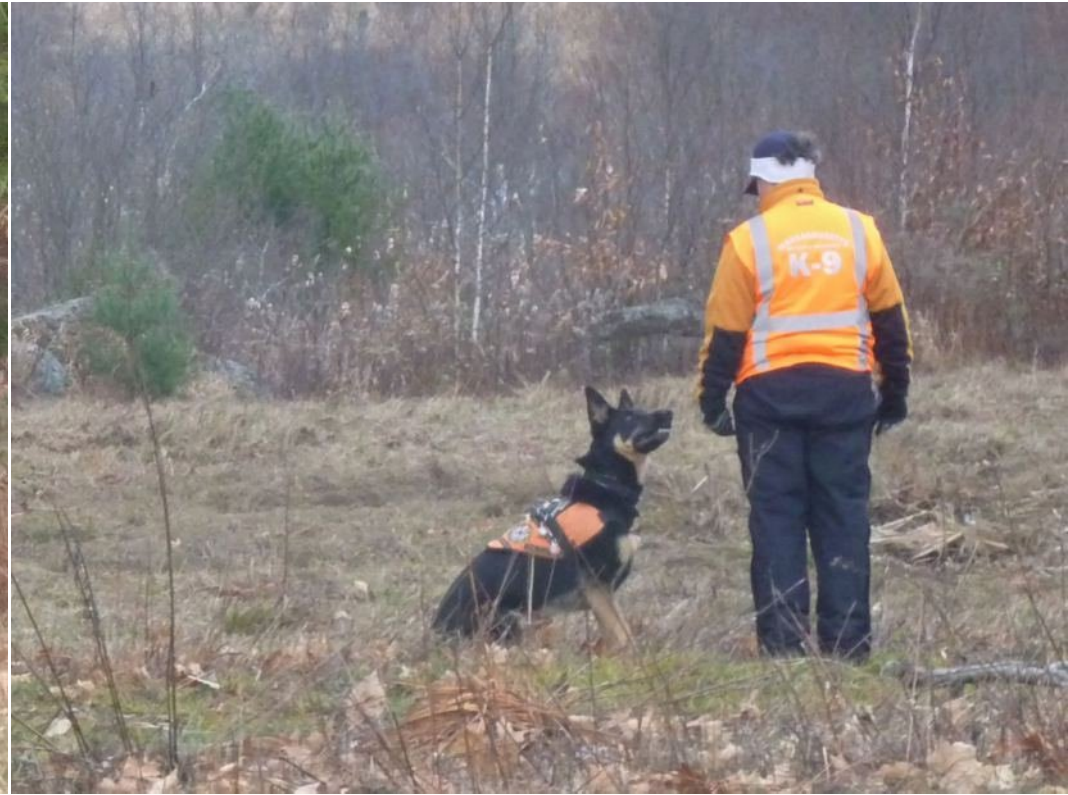
Follow the handler's instructions





Untrained Alert Behaviors

Trained Indication



Wilderness Air Scent: Refind



Find

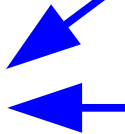


Alert

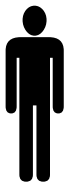
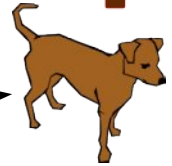


Refind

Type II Canine Search Navigation



Guide on Center





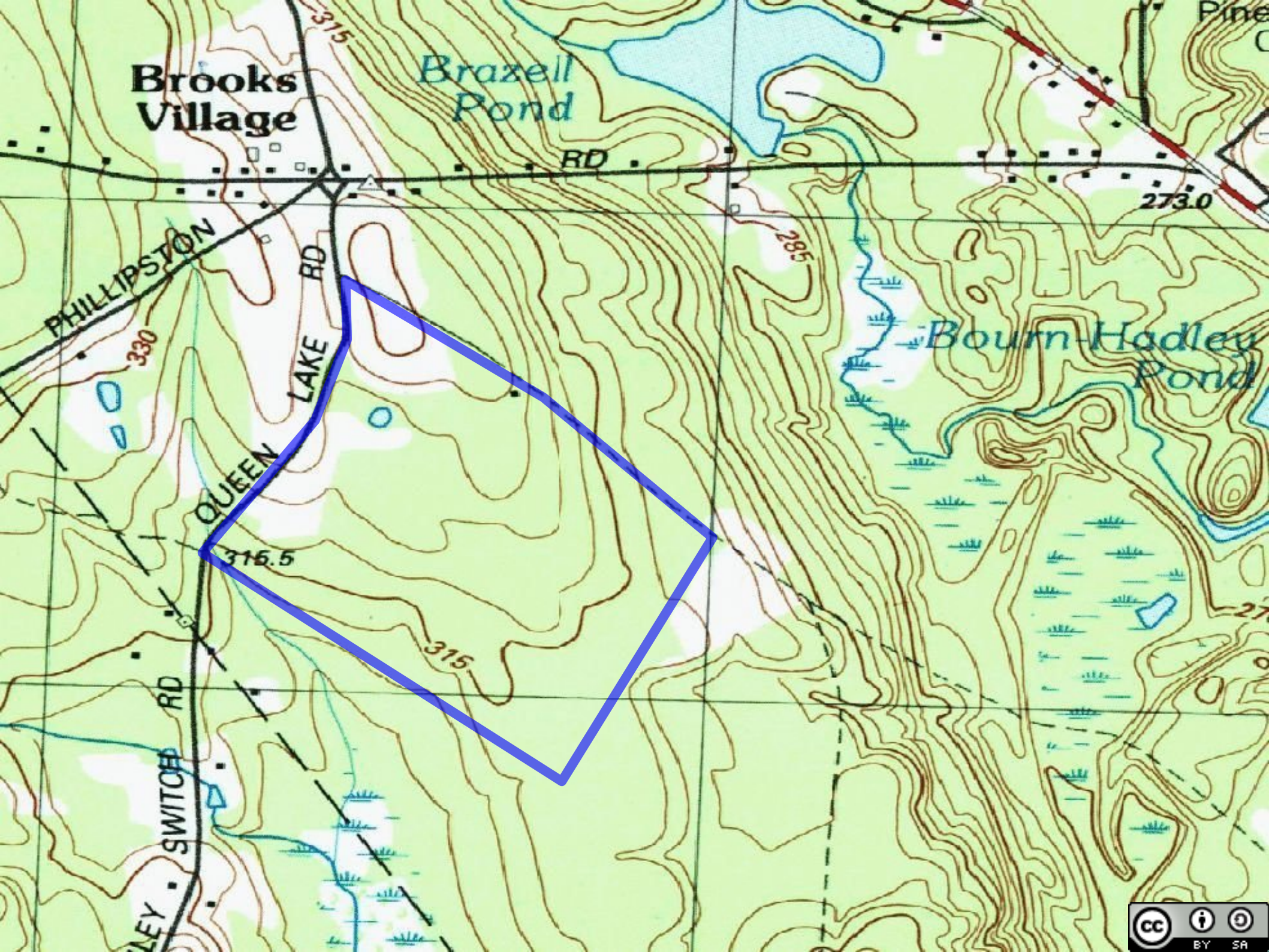
Wilderness Air Scent



Route Search



Area Search



Brooks Village

Brazell Pond

Bourn Hadley Pond

PHILLIPSTON

QUEEN LAKE RD

SWITCH RD

RD

273.0

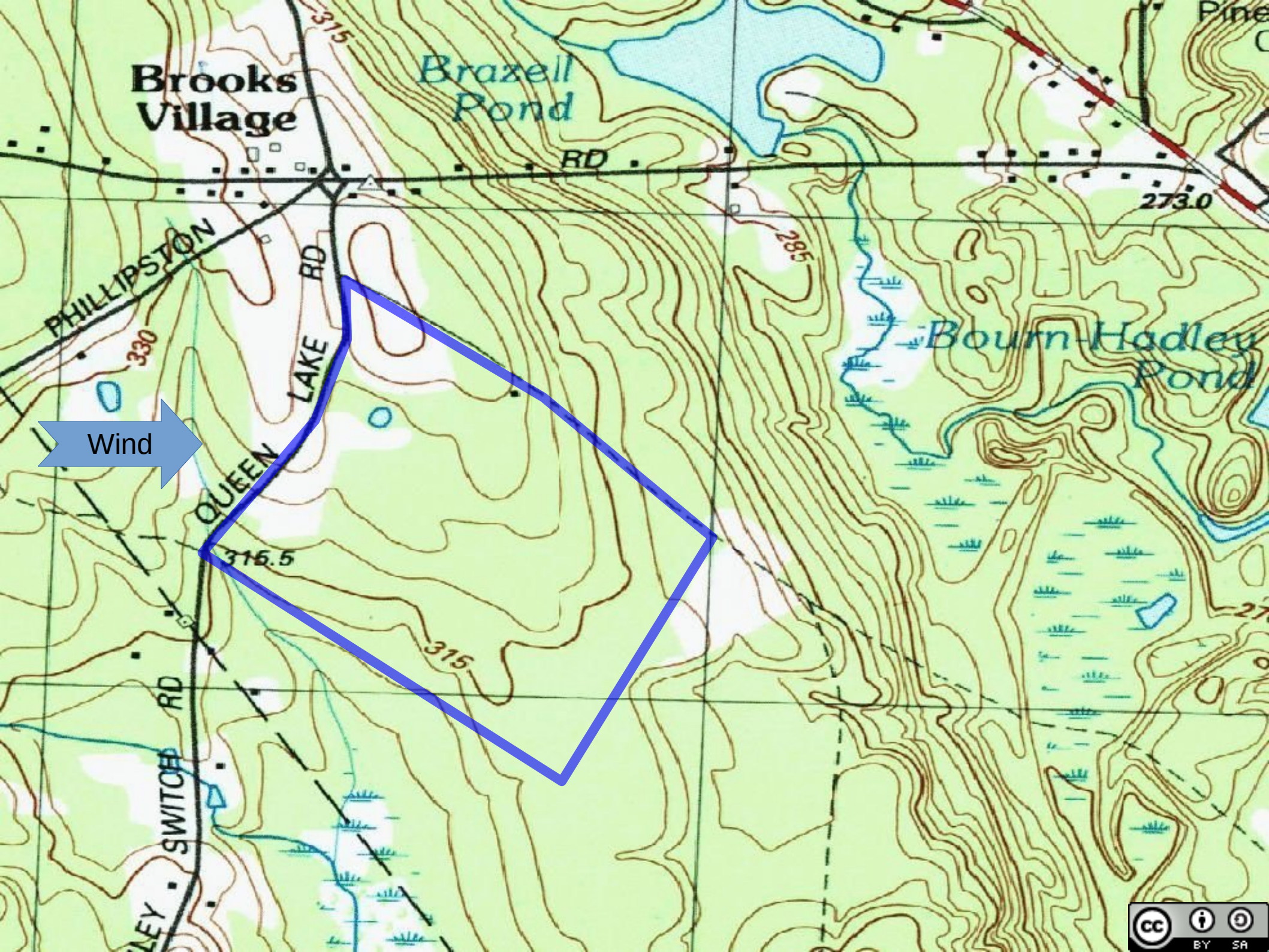
285

330

315.5

315

27



Brooks Village

Brazell Pond

Bourn Hadley Pond

Wind

PHILLIPSTON

LAKE RD

QUEEN

SWITCH RD

VALEY

315

330

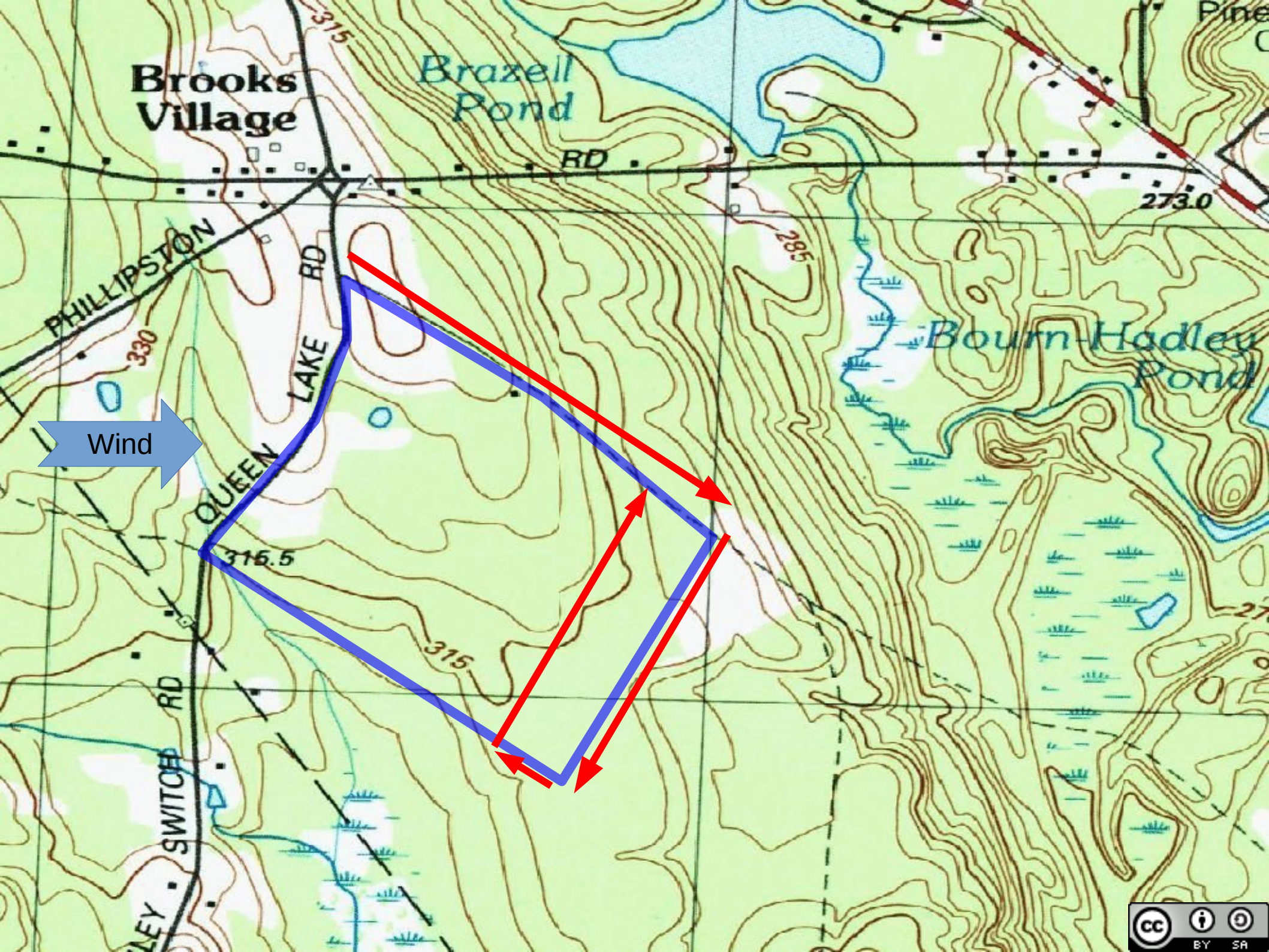
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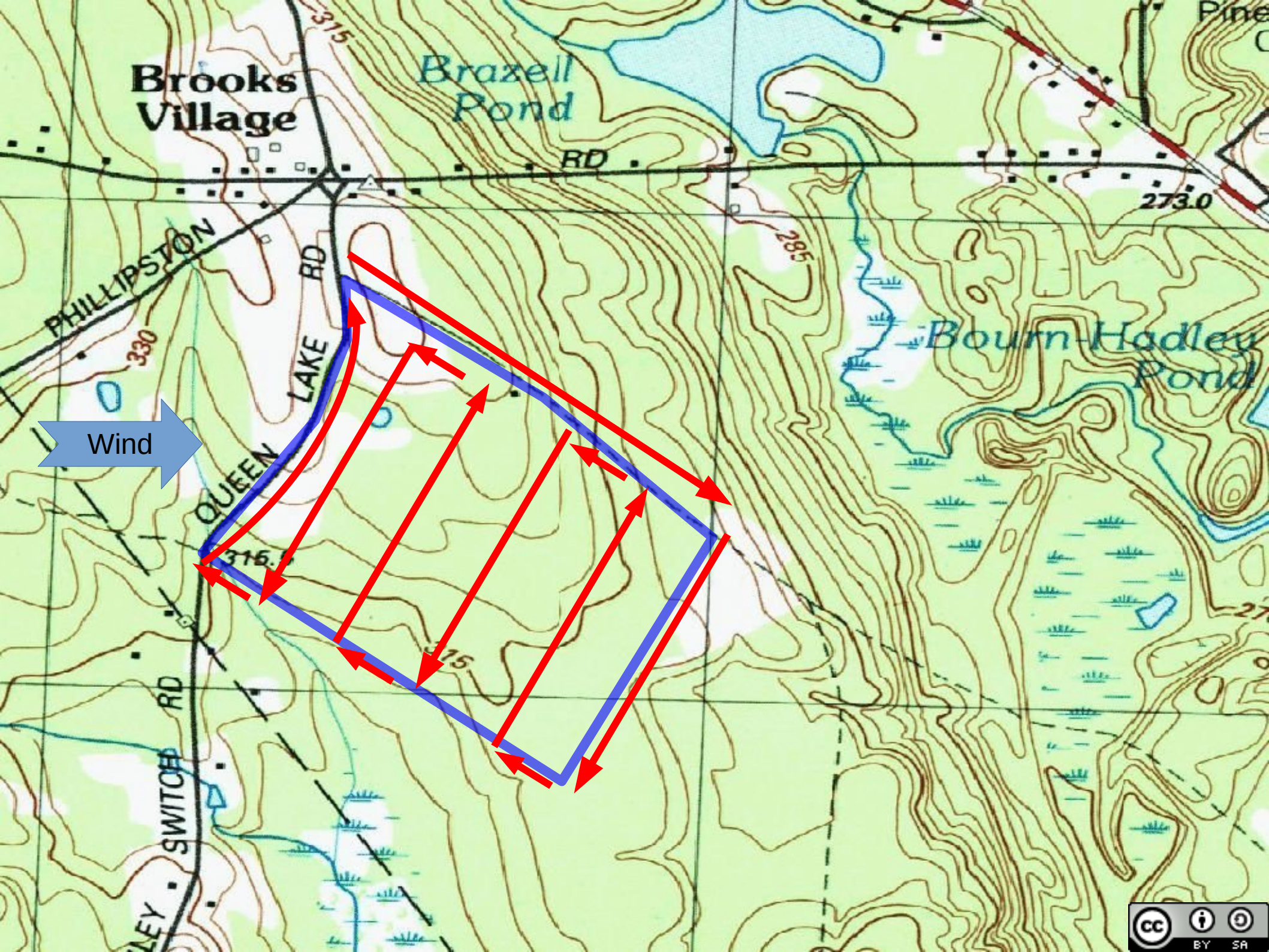


Brooks Village

Brazell Pond

Bourn Hadley Pond

Wind

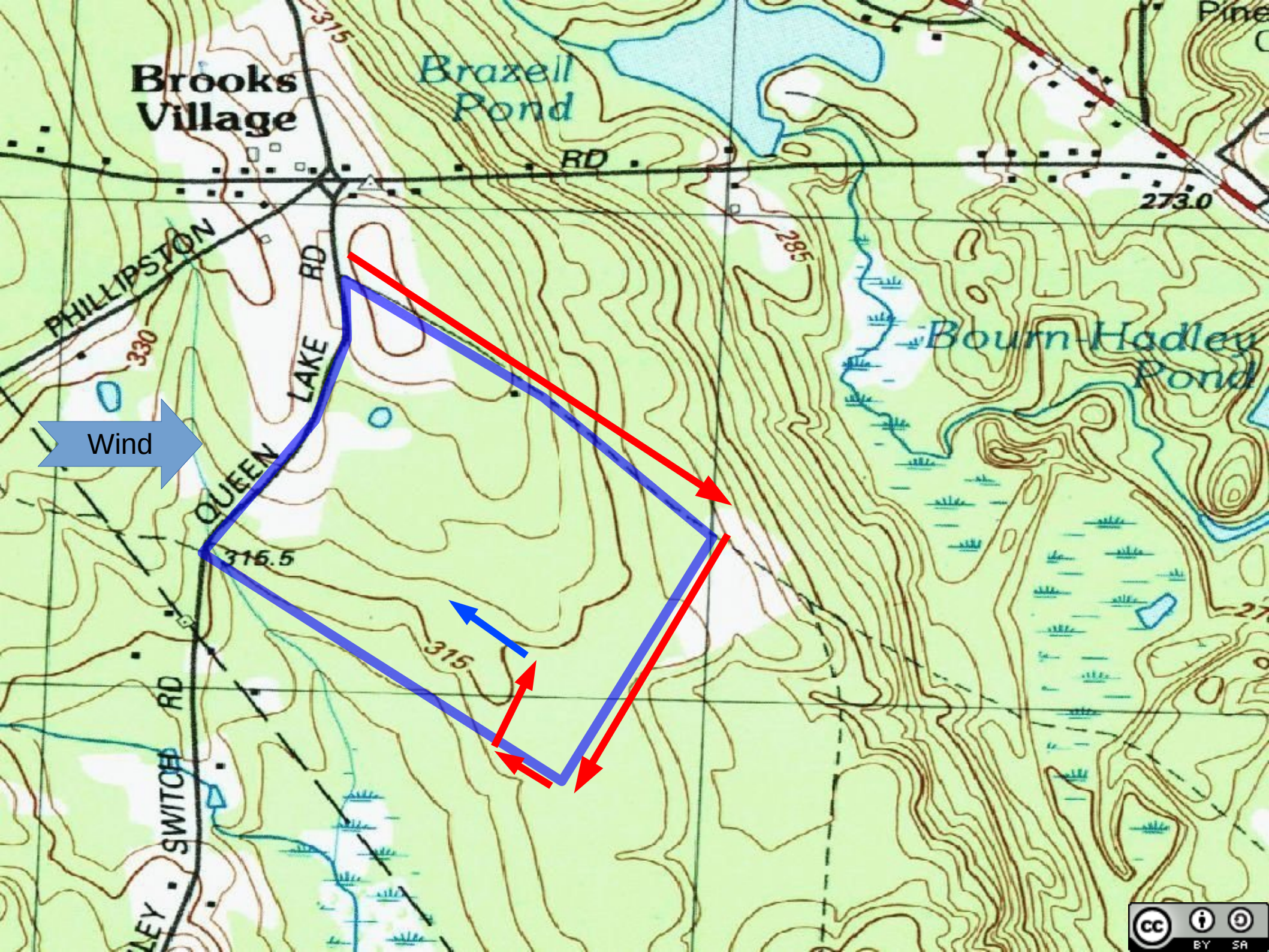


Brooks Village

Brazell Pond

Bourn Hadley Pond

Wind



Brooks Village

Brazell Pond

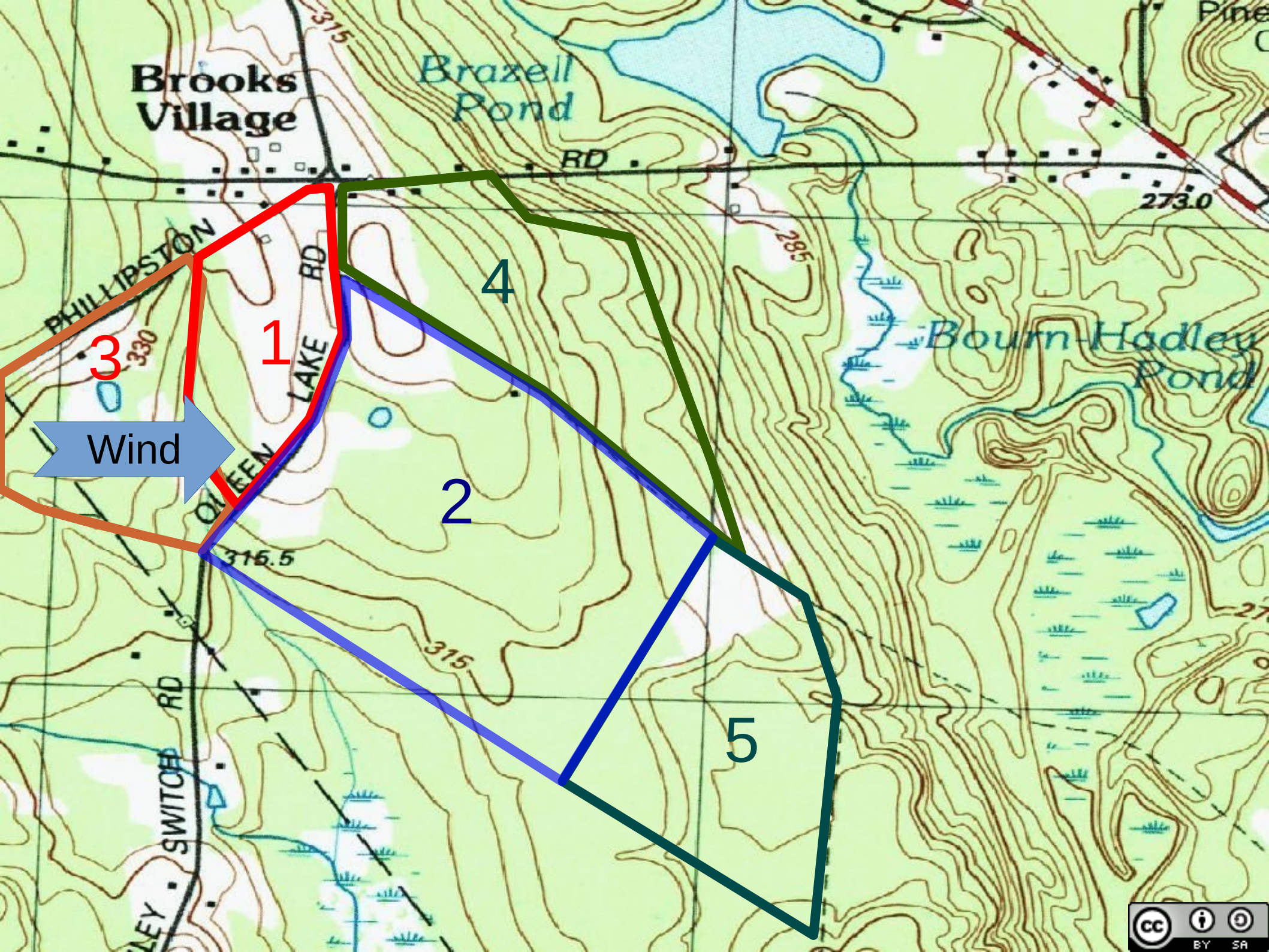
Bourn Hadley Pond

Wind

PHILLIPSTON

QUEEN LAKE RD

SWITCH RD



Tracking/Trailing





Brooks Village

IPP



Brazell Pond

RD

273.0

285

Bourn Hadley Pond

LAKE RD

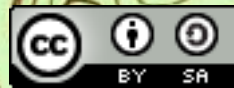
QUEEN

315.5

315

SWITCH RD

VALEY



Scent Articles



"We've got the subject's pillowcase".....

Let the handler
collect them

Public Domain.
U.S. Marine Corps photo by Cpl. Joshua W. Brown

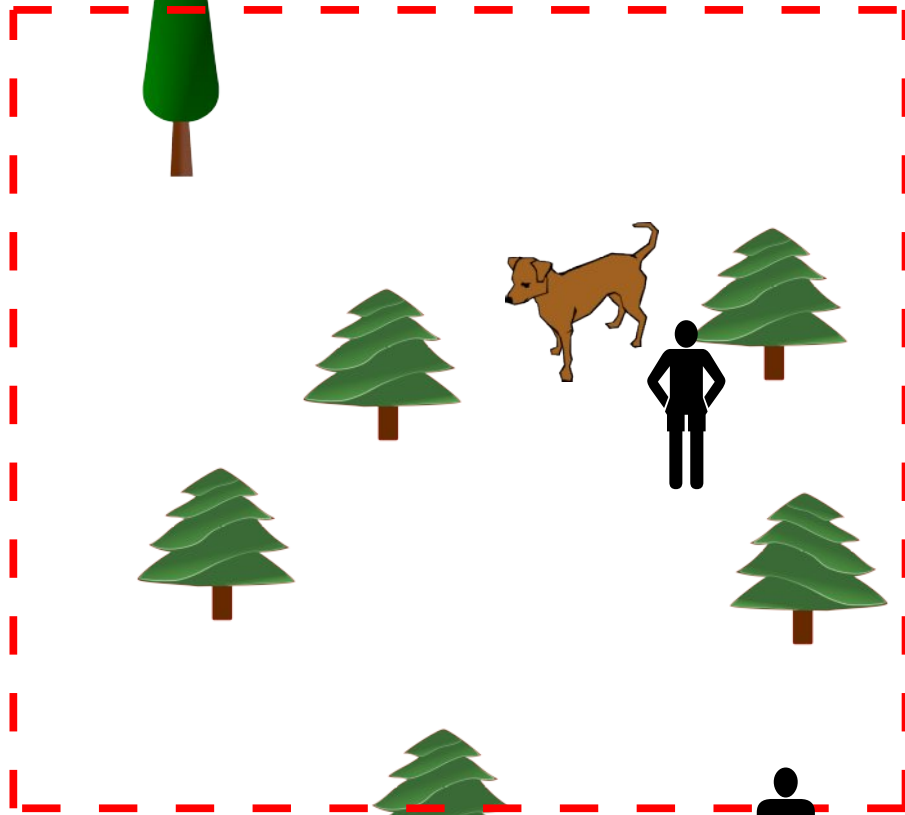


HRD



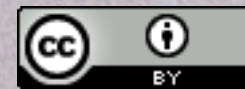
Trained Indication



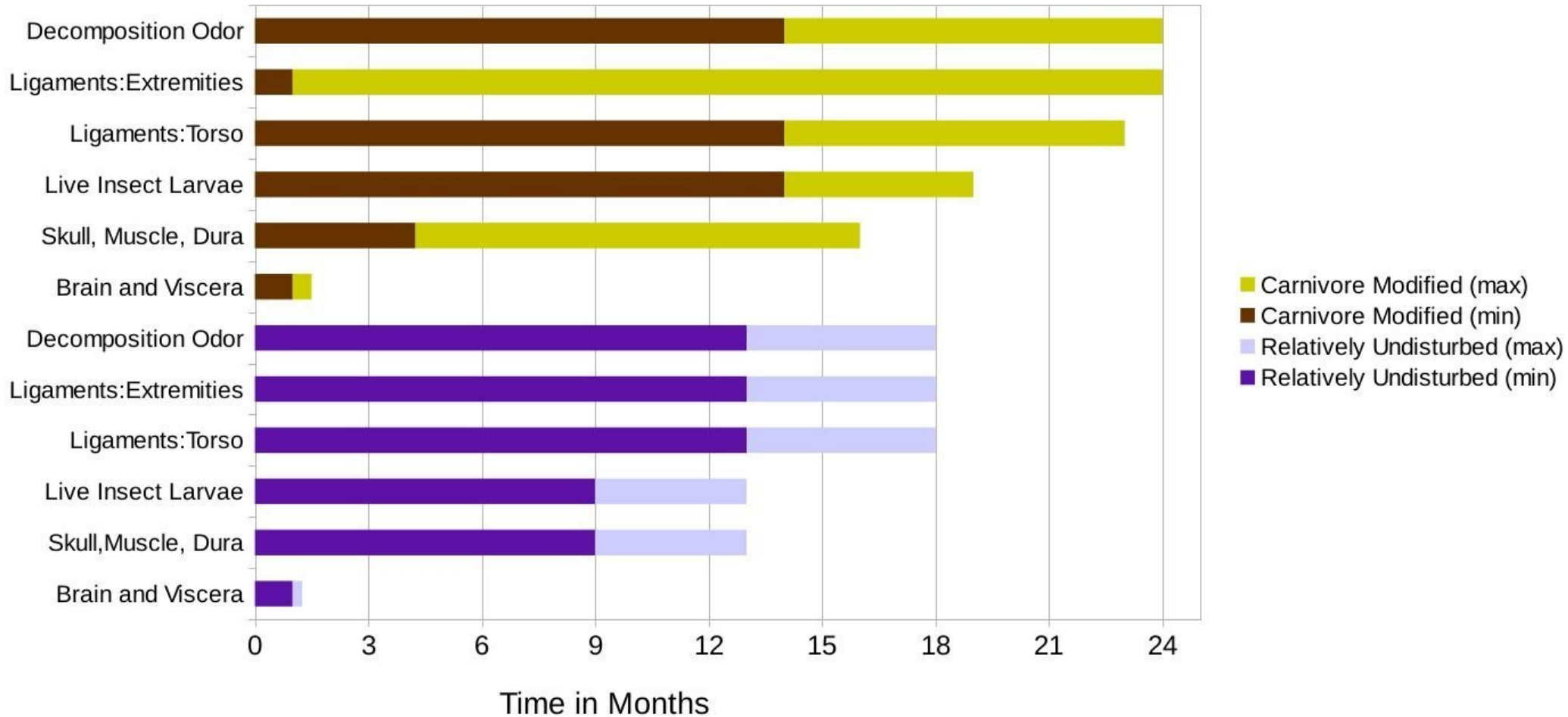




Human Remains, Choeung Ek Genocide Center, Cambodia
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Condition and Postmortem Intevals, Northeast, 36 Cases



Sorg, David, & Rebmann, 1998. Cadaver Dogs, Taphonomy and Postmortem Interval in the Northeast – 36 cases, 21 carnivore modified, 15 relatively undisturbed.

Equines



Image: © 2016 Attribution Some Rights Reserved by VA State Park Staff

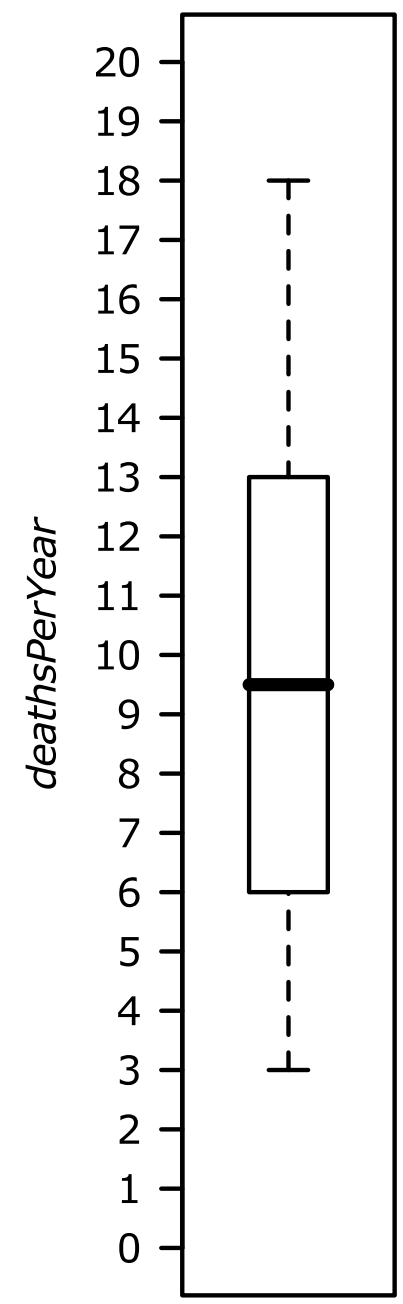


Hooves





Deaths by horsekick in Prussian cavalry corps, 1875-94



Reading Ears



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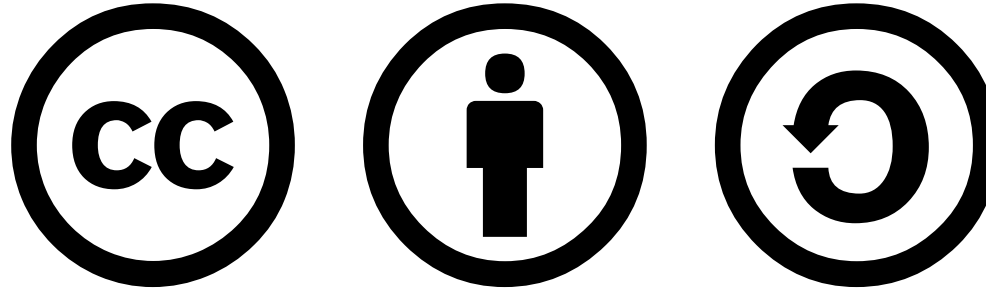






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