

ReadMe and reference file for Active Layer Water Table 03-17.xlsx file

Water Table measured in wells at sites marked in IsoGenieSite AL_WTD_MapsVisualNotes 200310.pdf

Active layer measured by inserting a metal rod into the surface. The original instruction page is included (p.3) in the pdf

all depths in centimeters (cm) below peat surface (i.e. peat or *Sphagnum* spp vegetation surface =0). Blank data in the Palsa or water table column means no water table observed

Staff gauge added July 2006 at the edge of a small pond in the fen visible from the shack palsa

reported in meters

all other measures are in cm

usually updated by N. Rakos or site technician 2015 updated by Carrie McCalley Prepared by P.Crill (patrick.crill@geo.su.se)

Water Table and Active Layer Depth Sampling

every 1-2 days measure the depth to the top of the water table (or depth of the overlying water) close to the labelled green spots on the previous page (6 places) revisit the SAME spot every time – boardwalk accessible is best

for water table it is probably best to make a small hole that you can revisit. Use the folding meter stick found in the shack.

for active layer depth use the probe. Just push it in until it cannot penetrate deeper.

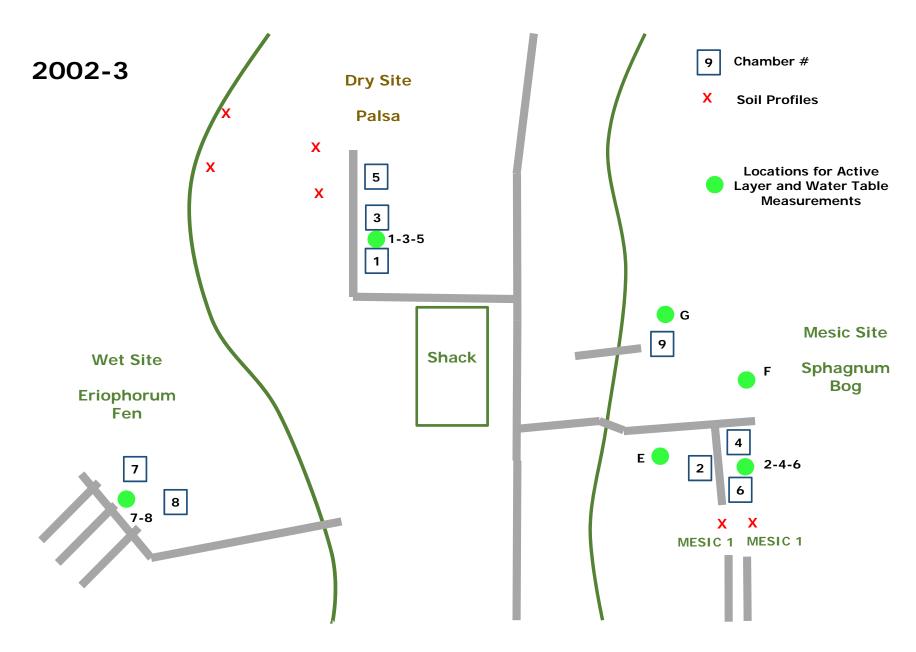
(usually left leaning outside the shack)

For both WT and AL depth cases, measure relative to the vegetation surface.

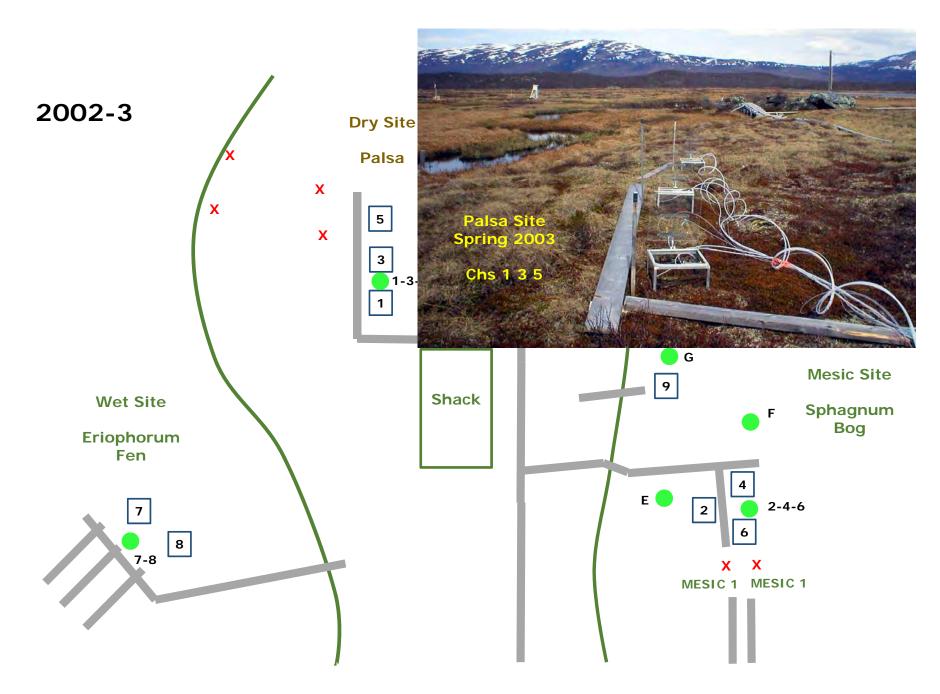
WRITE down the depths in the shack log book in ink NOT pencil. cross out mistakes so that the mistake is still legible

write in the log book EVERY time you visit the shack:
initials of the visitors
general weather conditions (sunny, warm, rainy, cloudy, etc)
impressions or observations of the AC system and site
ANYTHING you do or observe (animals, birds, people on the Mire, etc)

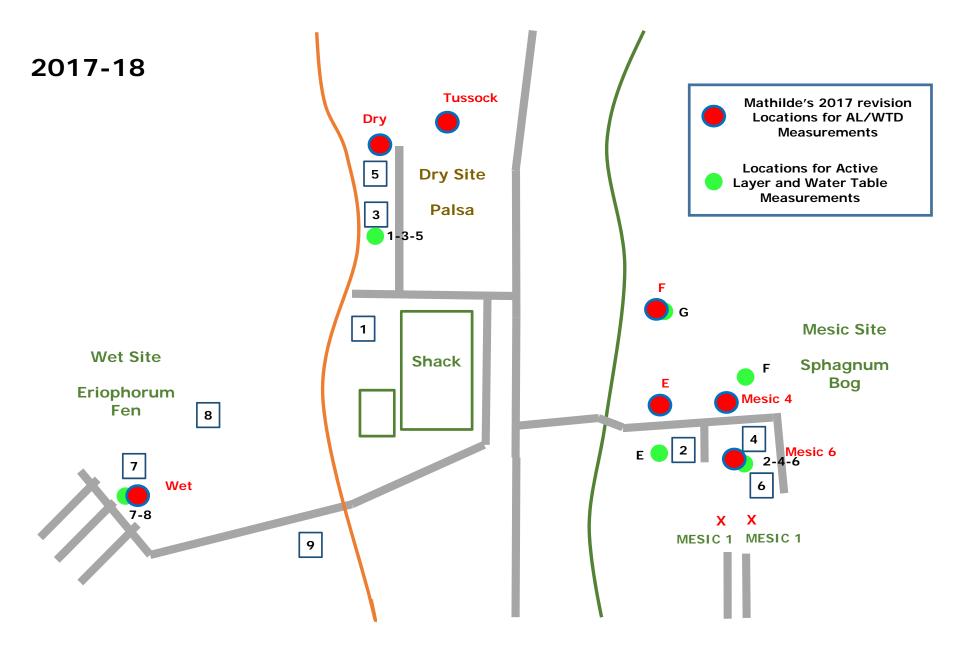
you can't write too much



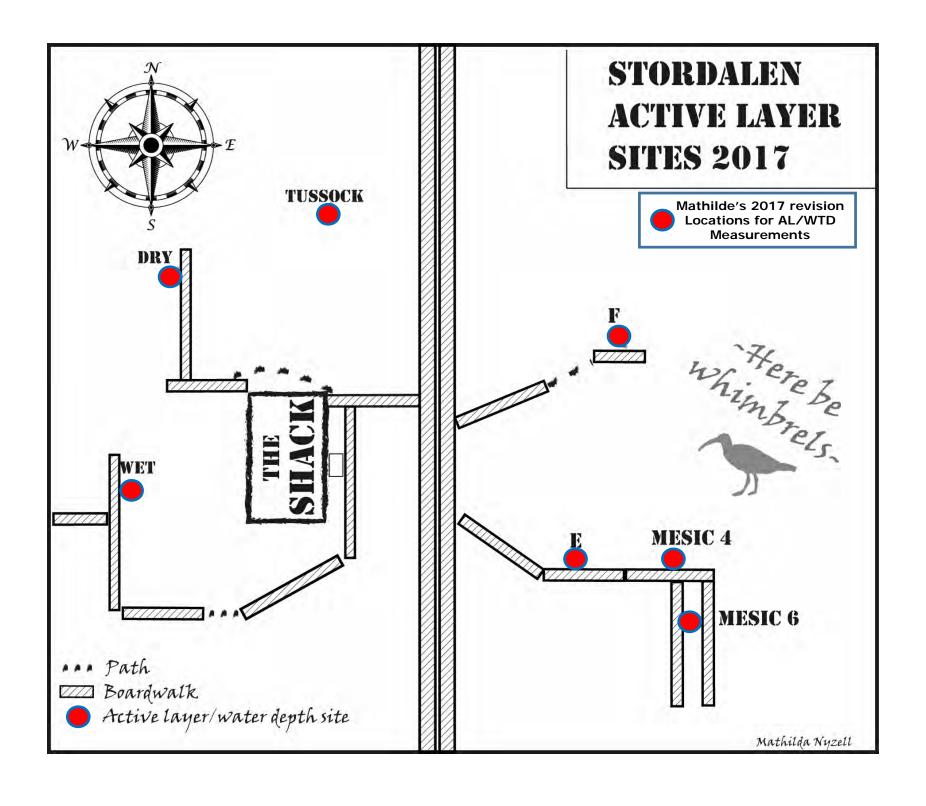
Approximate Locations of Shack, Boardwalk and Old Chambers 2002-2012
And Active Layer and Water Table Measurements
(these have rmained roughly the same)

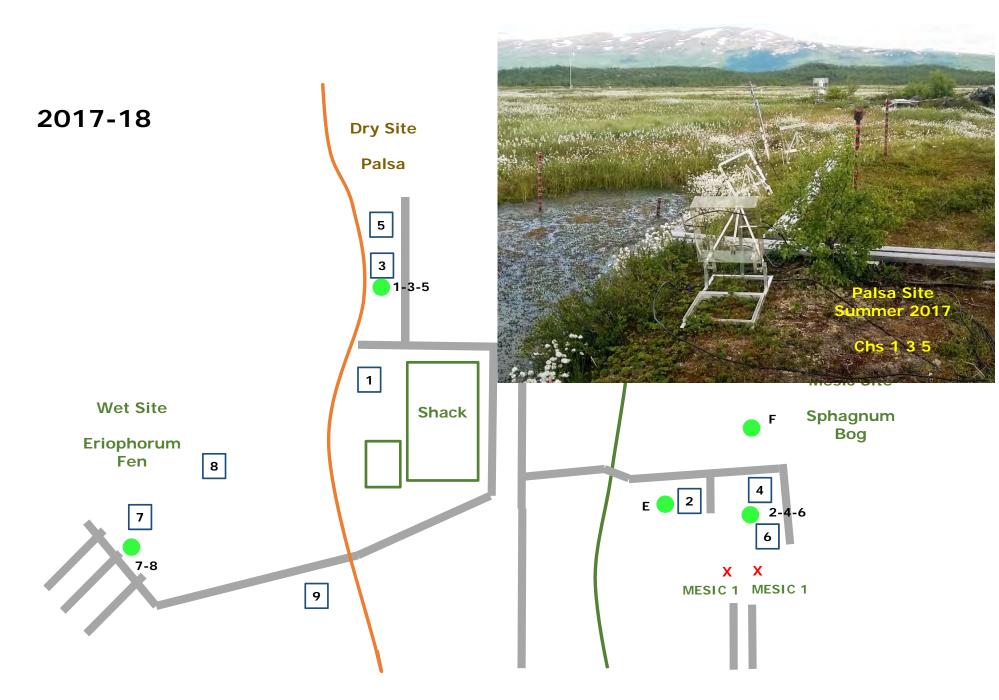


Approximate Locations of Shack, Boardwalk and Old Chambers 2002-20012
And Active Layer and Water Table Measurements
(these have rmained roughly the same)



Approximate Locations of Shack, Boardwalk and Old Chambers 2012-2018
And Active Layer and Water Table Measurements
(these have remained roughly the same)





Approximate Locations of Shack, Boardwalk and Old Chambers 2012-2018
And Active Layer and Water Table Measurements
(these have remained roughly the same)









21 Sept 2006





Photo by Niklas Rakos