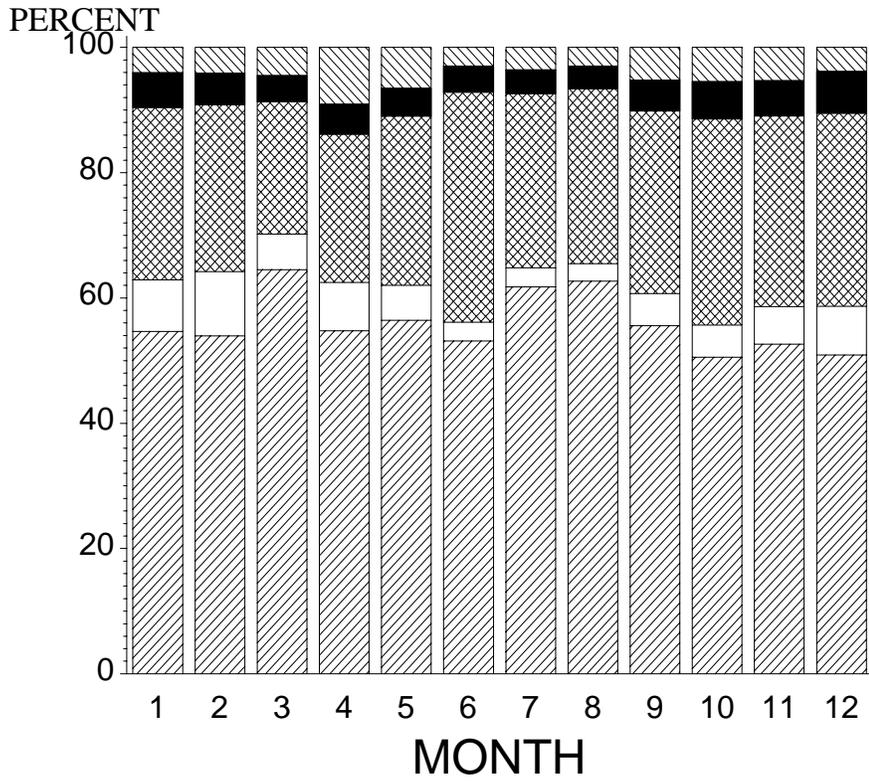
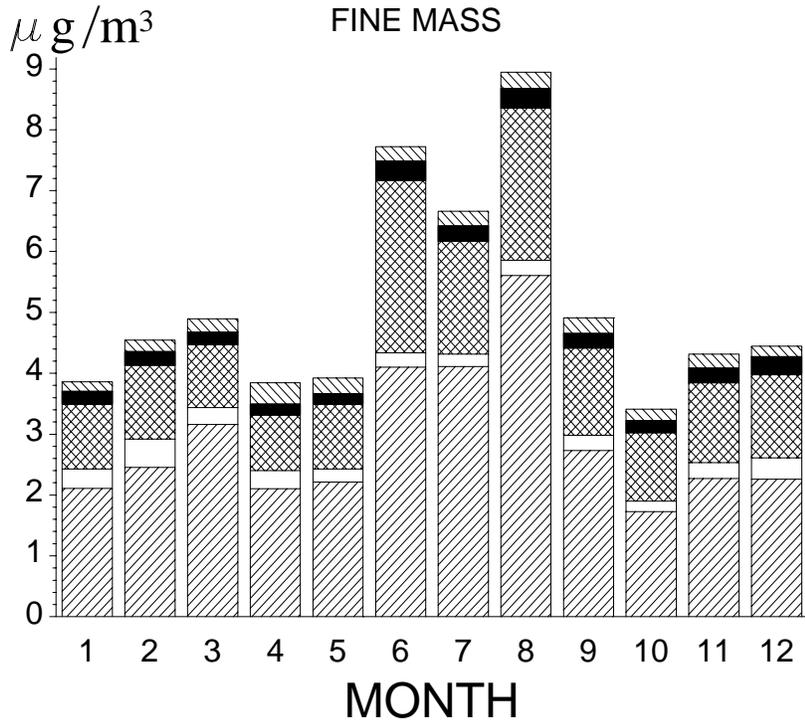


APPENDIX E

MONTHLY RECONSTRUCTED FINE MASS AND BUDGETS FROM THE IMPROVE NETWORK – MARCH 1996 THROUGH FEBRUARY 1999

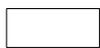
ACADIA NP FINE MASS



SULFATE



NITRATE



ORGANIC



LAC



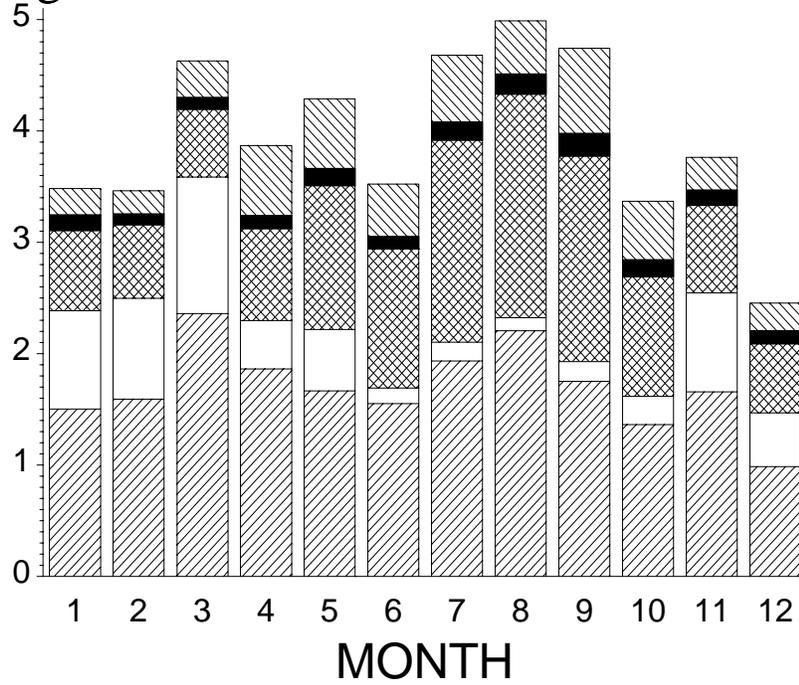
SOIL



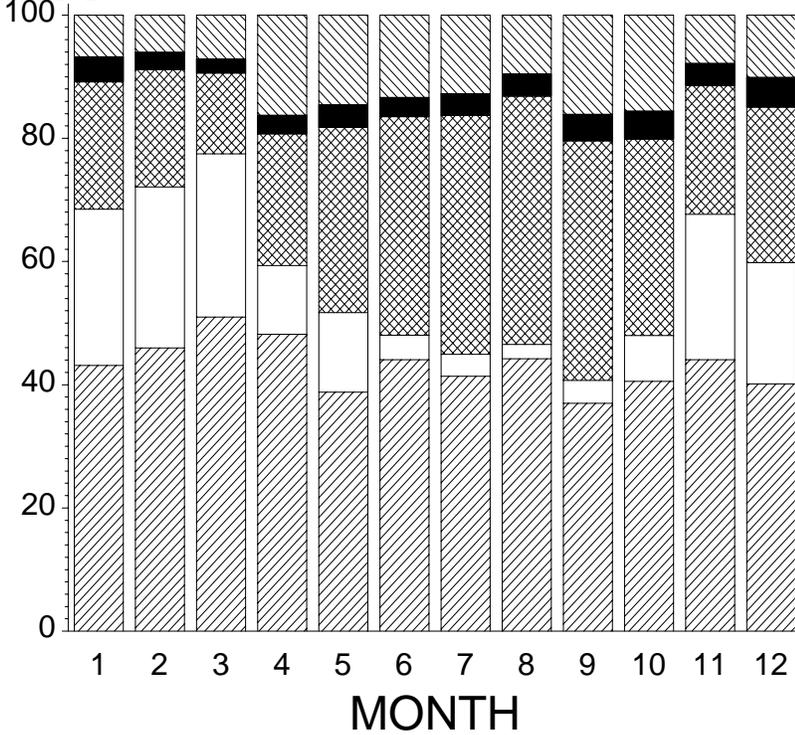
BADLANDS NP

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE



NITRATE



ORGANIC



LAC



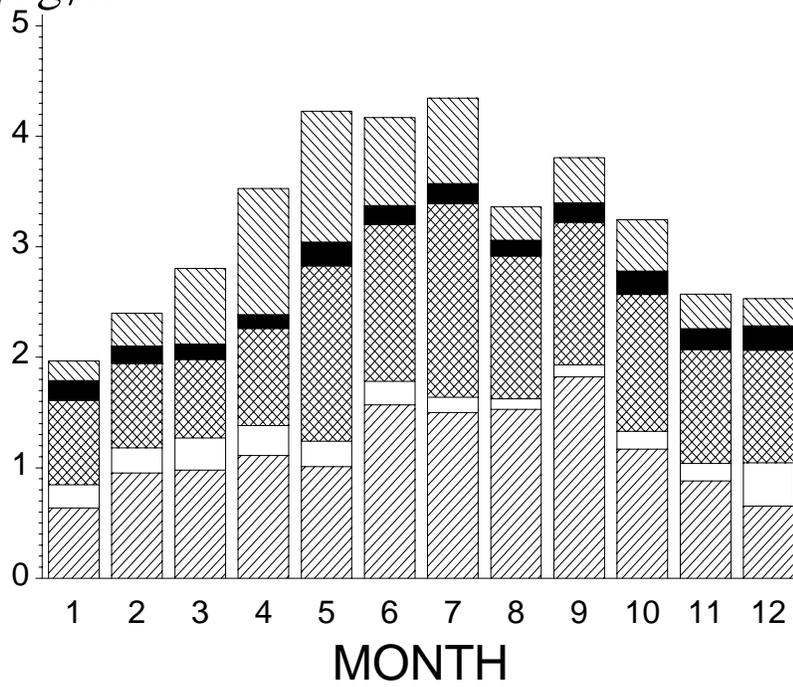
SOIL



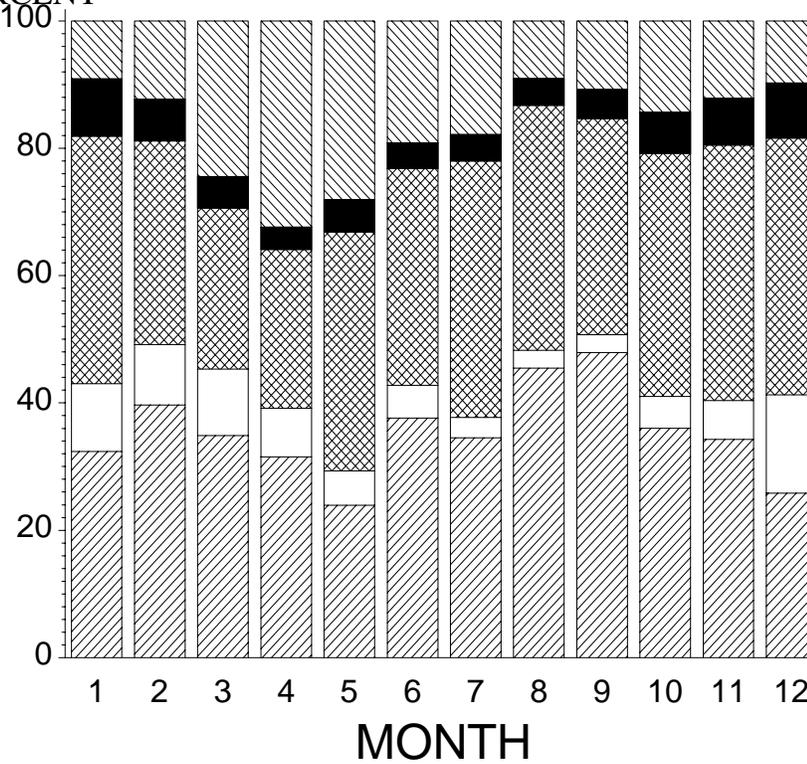
BANDELIER NM

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE



NITRATE



ORGANIC



LAC

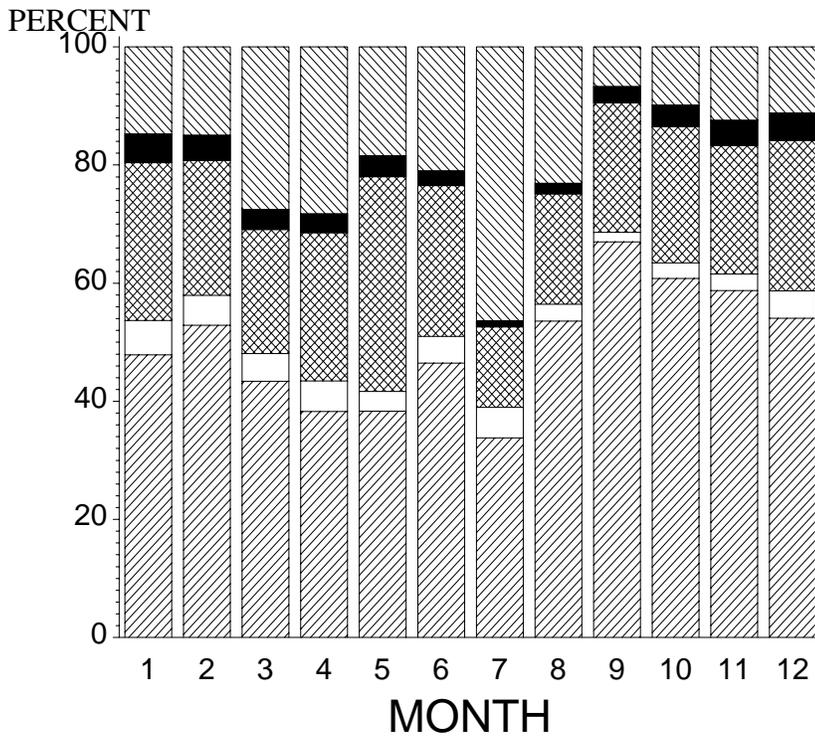
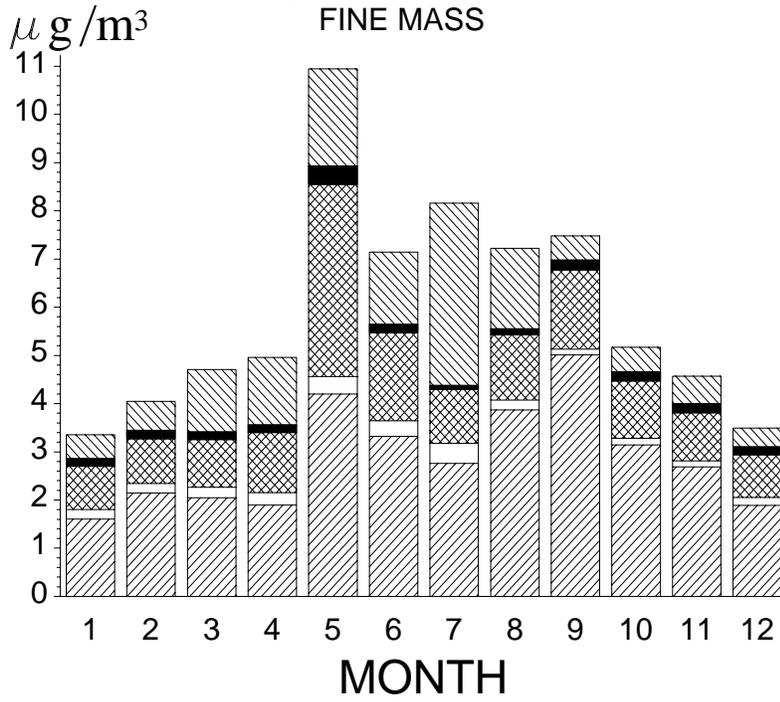


SOIL



BIG BEND NP

FINE MASS



SULFATE



NITRATE



ORGANIC



LAC



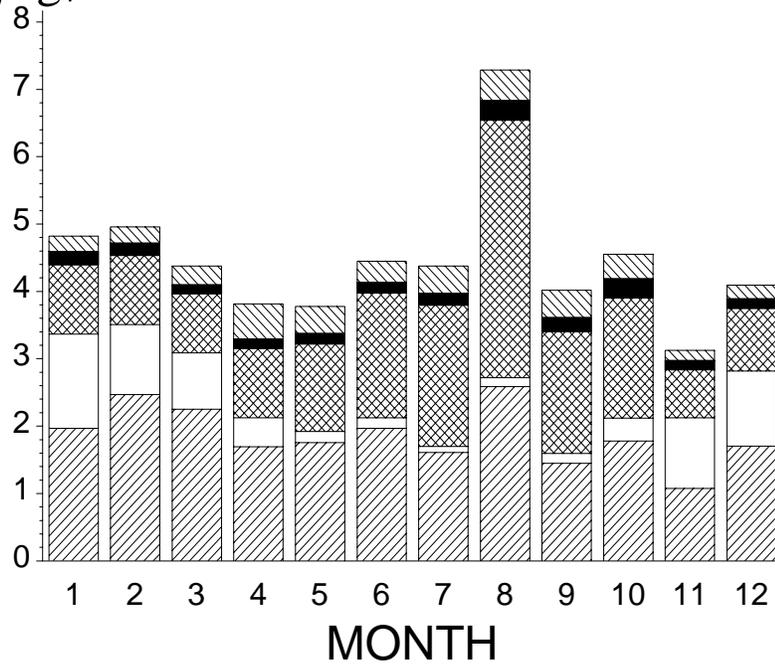
SOIL



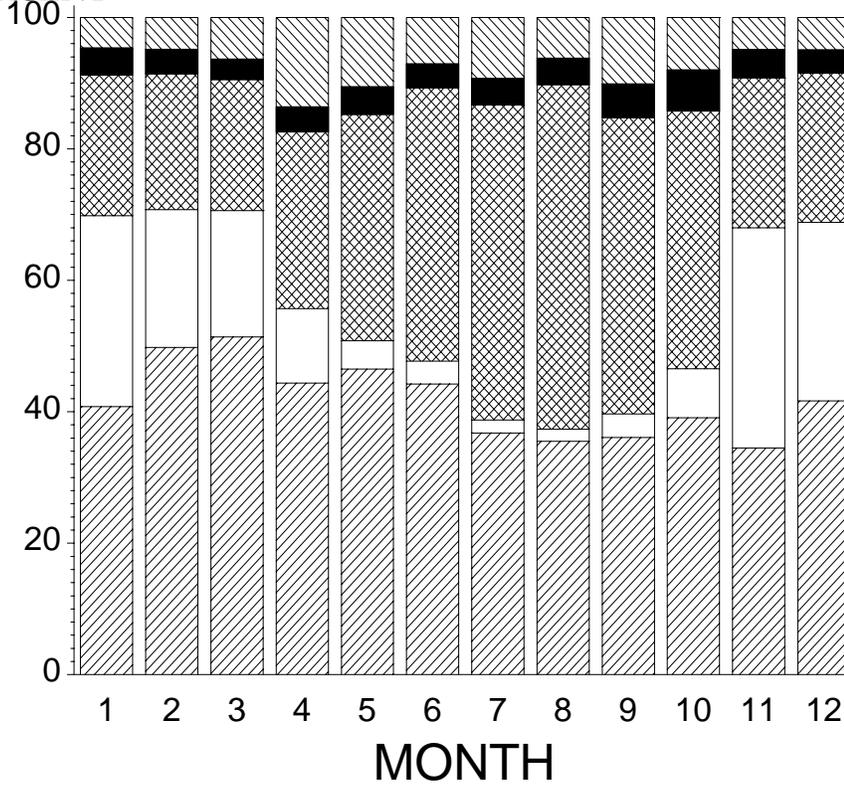
BOUNDARY WATERS CA

$\mu\text{g}/\text{m}^3$

FINE MASS



PERCENT



SULFATE



NITRATE



ORGANIC



LAC

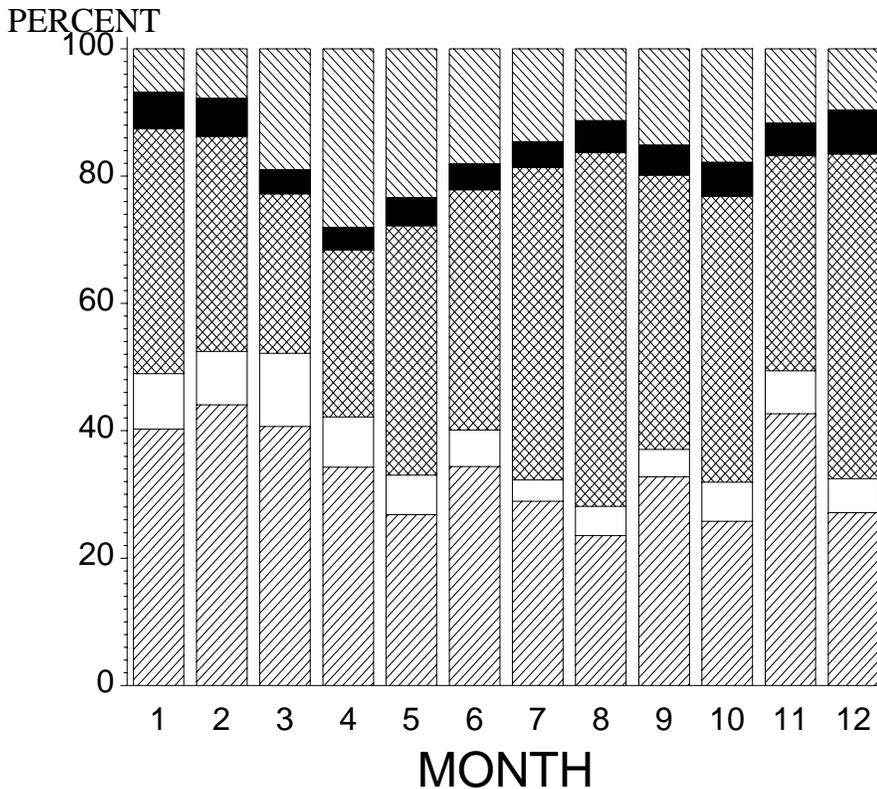
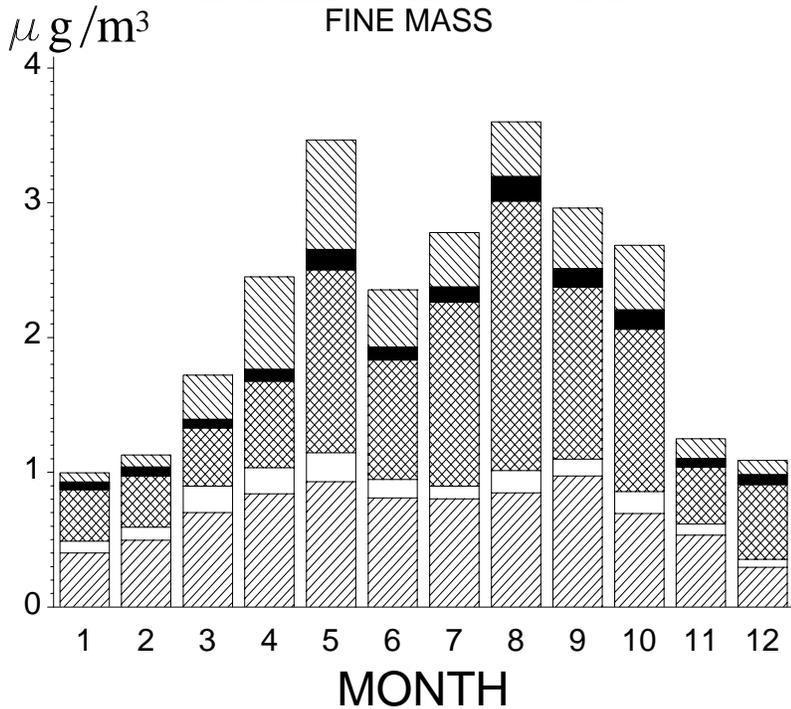


SOIL



BRIDGER WA

FINE MASS



SULFATE



NITRATE



ORGANIC



LAC



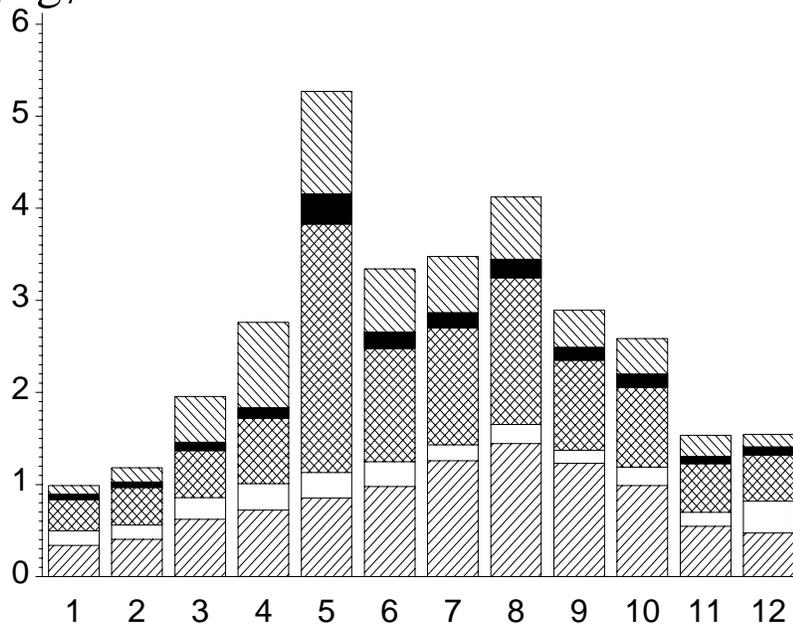
SOIL



BRYCE CANYON NP

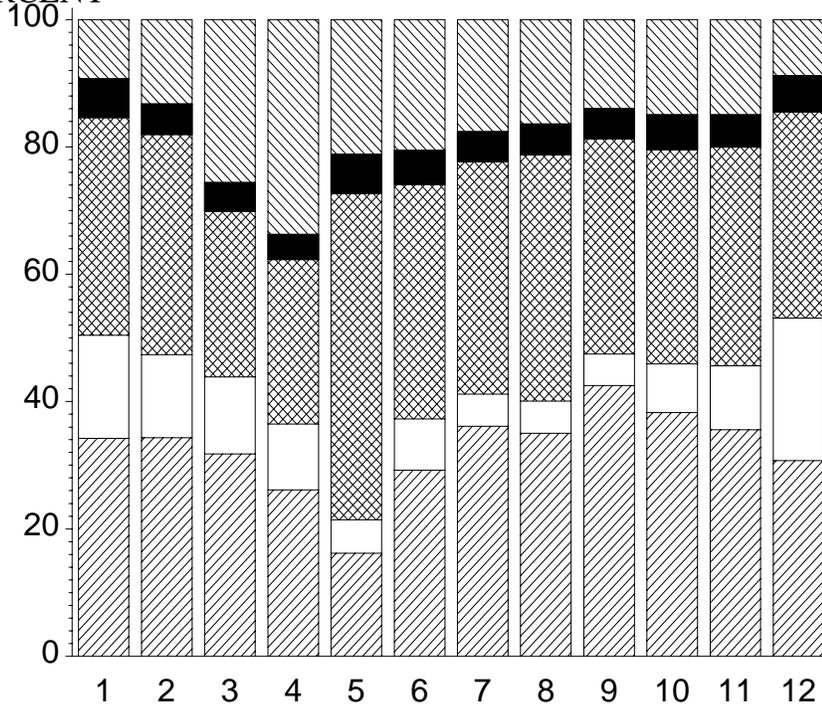
FINE MASS

$\mu\text{g}/\text{m}^3$



MONTH

PERCENT



MONTH

SULFATE



NITRATE



ORGANIC



LAC



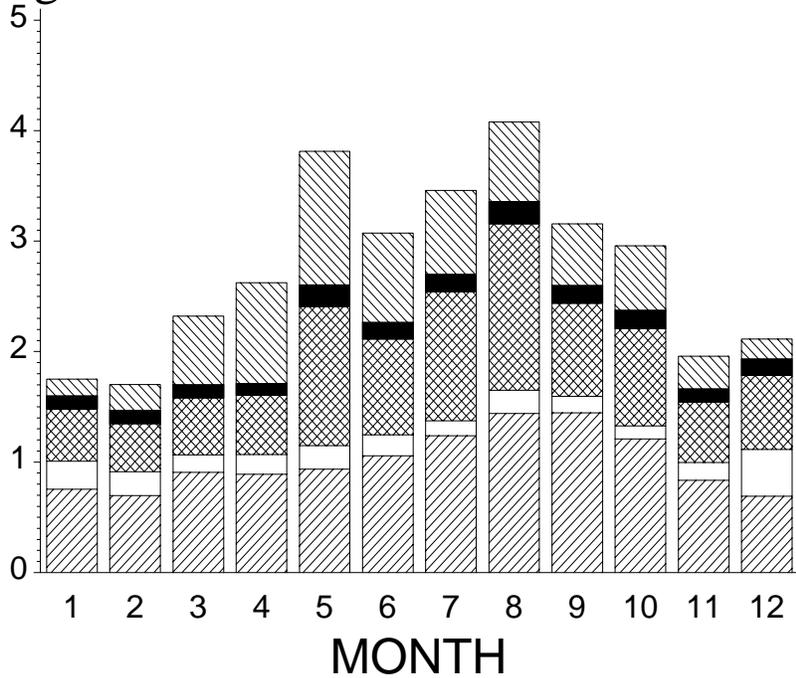
SOIL



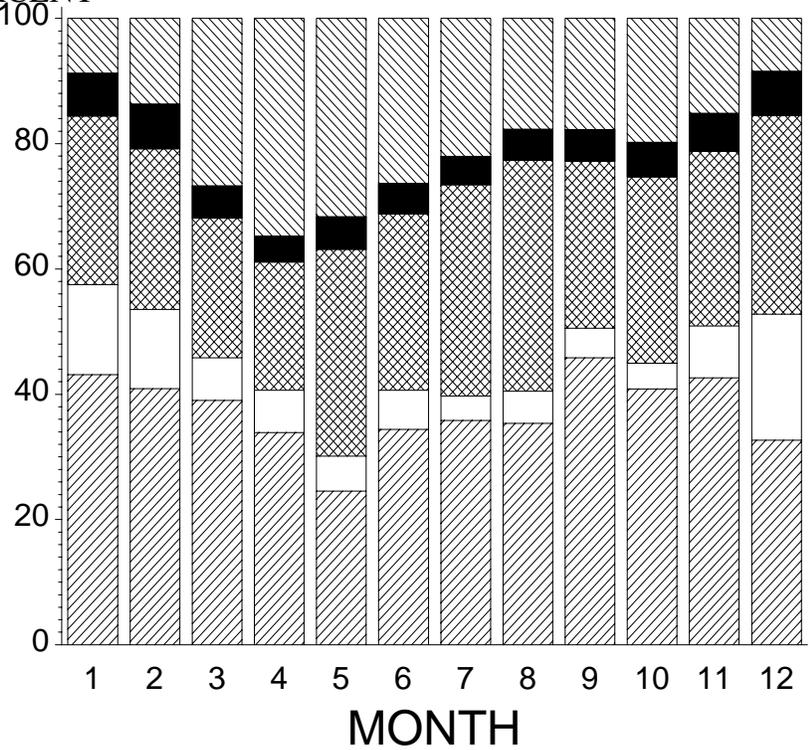
CANYONLANDS NP

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE



NITRATE



ORGANIC



LAC

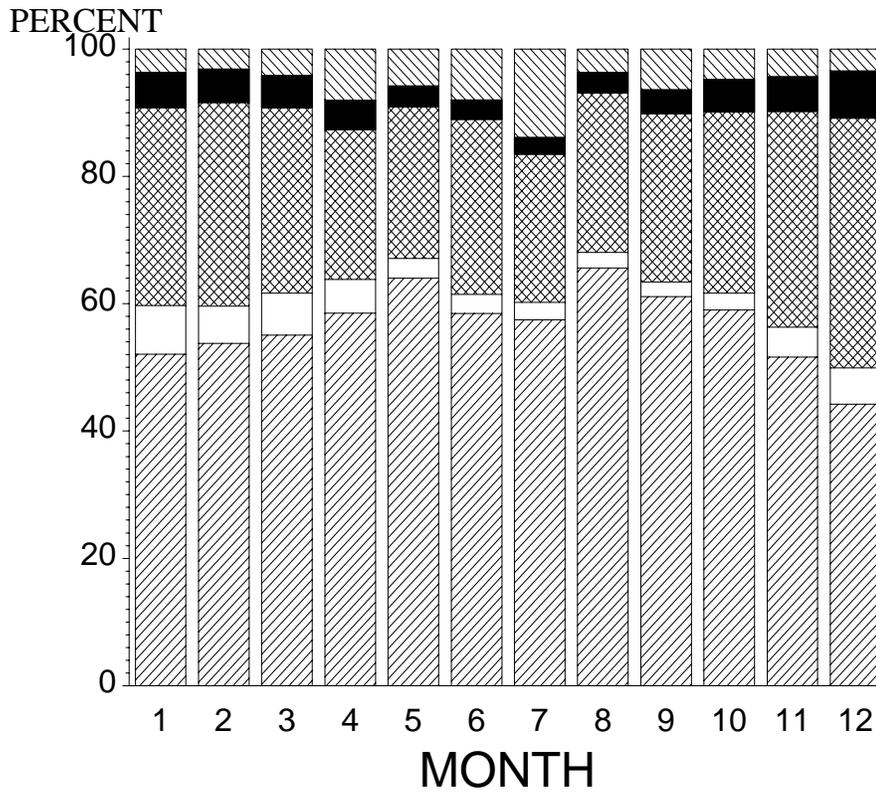
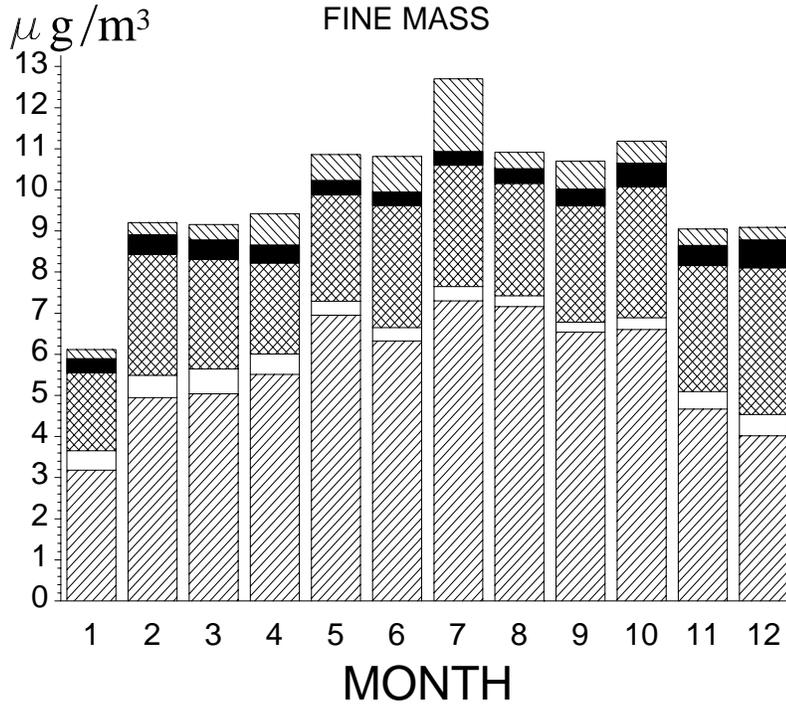


SOIL



CAPE ROMAIN NWR

FINE MASS



SULFATE



NITRATE



ORGANIC



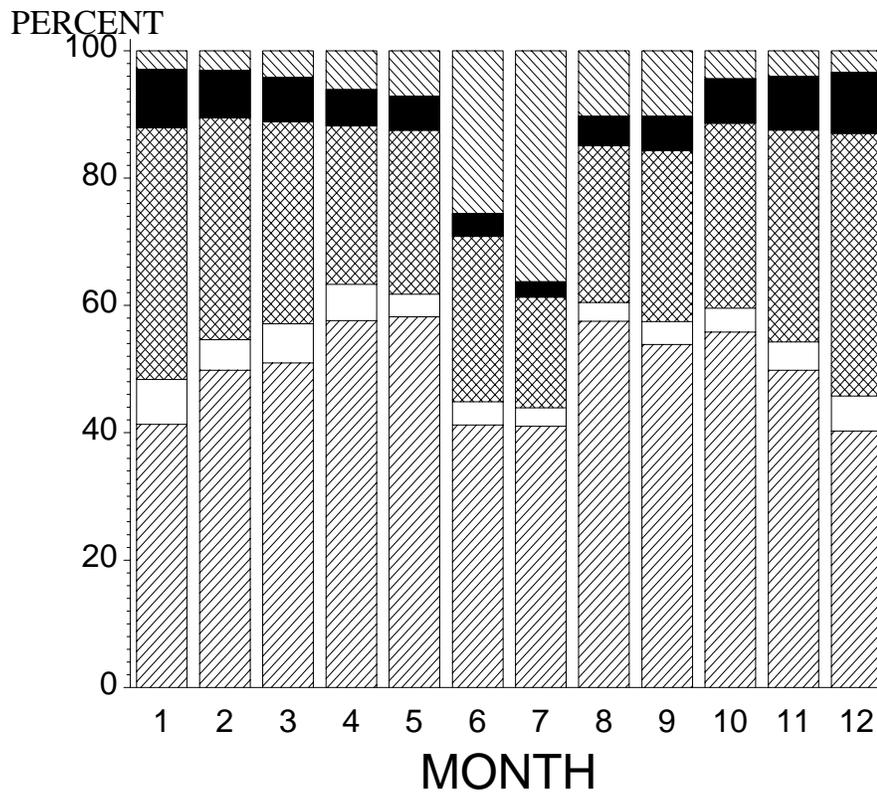
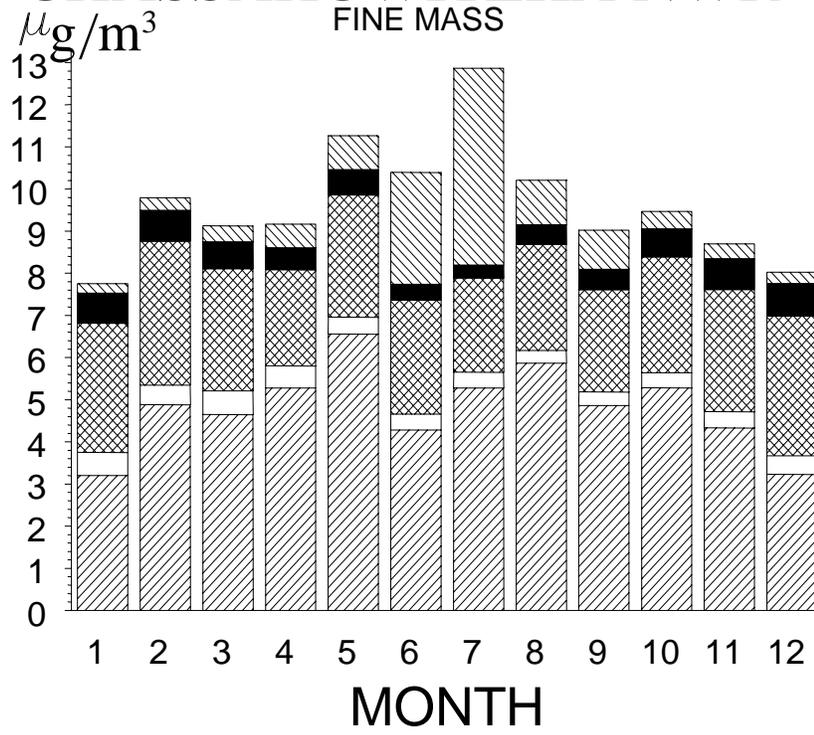
LAC



SOIL



CHASSAHOWITZKA NWR



SULFATE

NITRATE

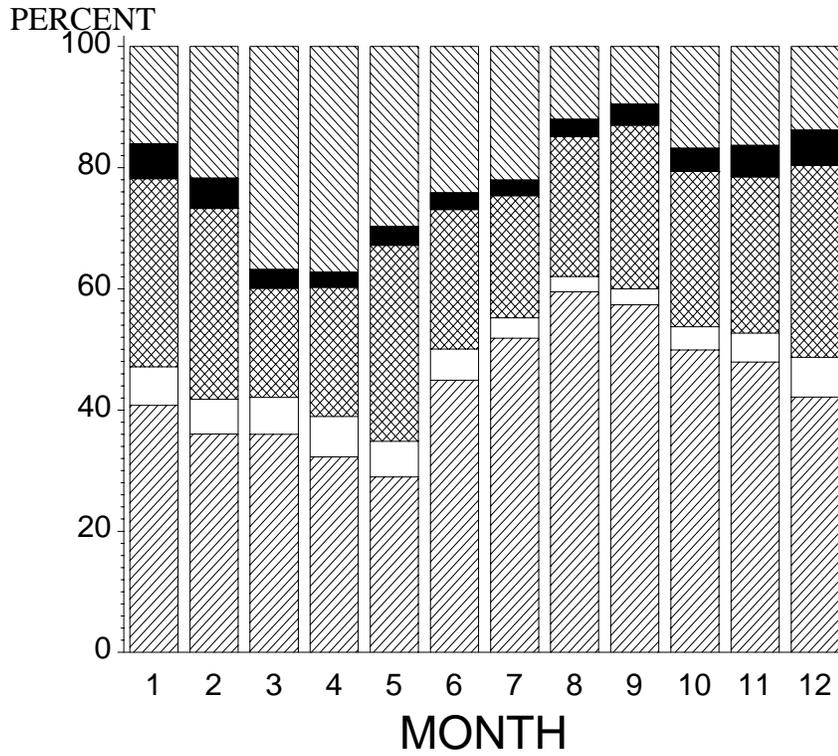
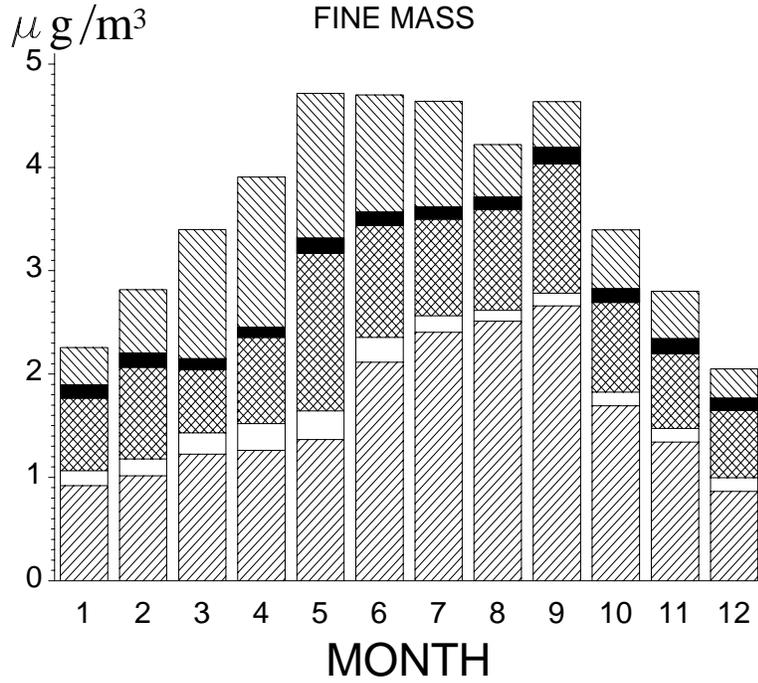
ORGANIC

LAC

SOIL

CHIRICAHUA NM

FINE MASS



SULFATE



NITRATE



ORGANIC



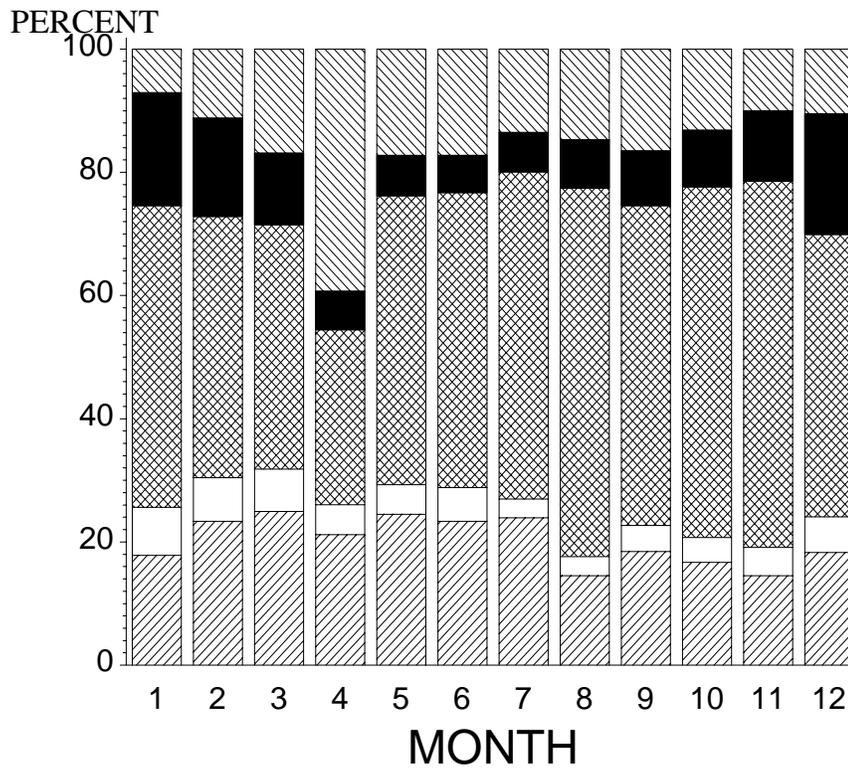
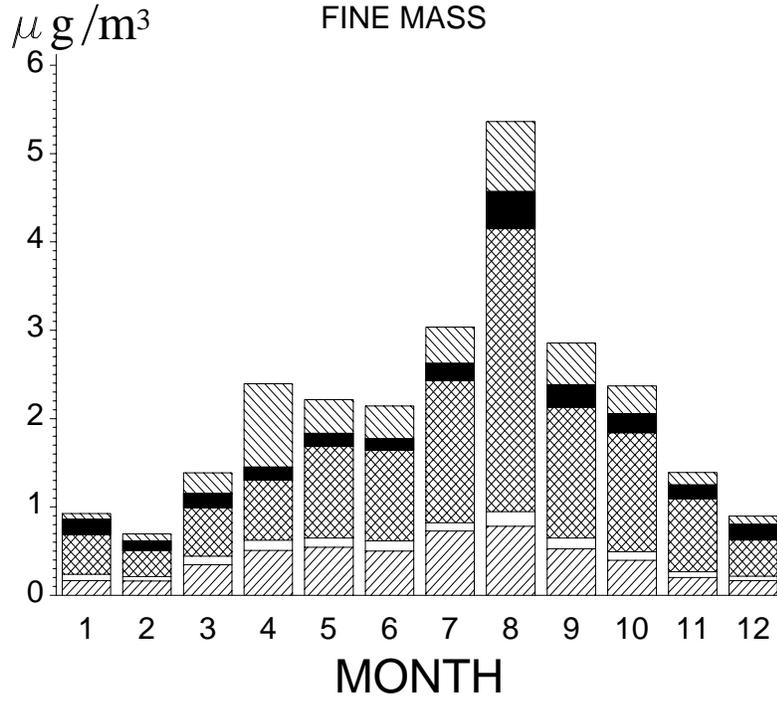
LAC



SOIL



CRATER LAKE NP



SULFATE



NITRATE



ORGANIC



LAC

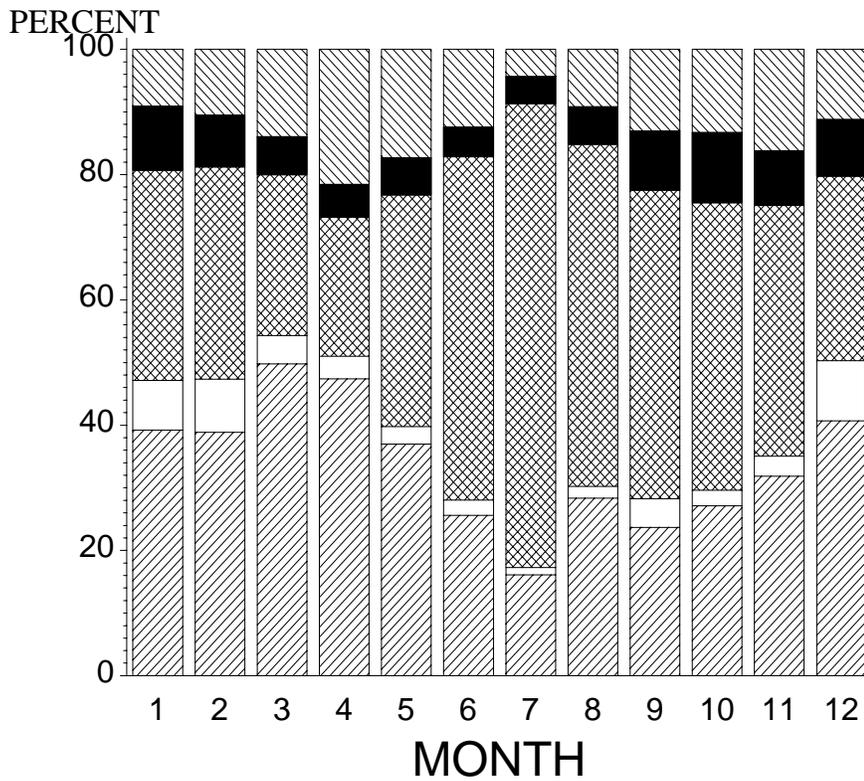
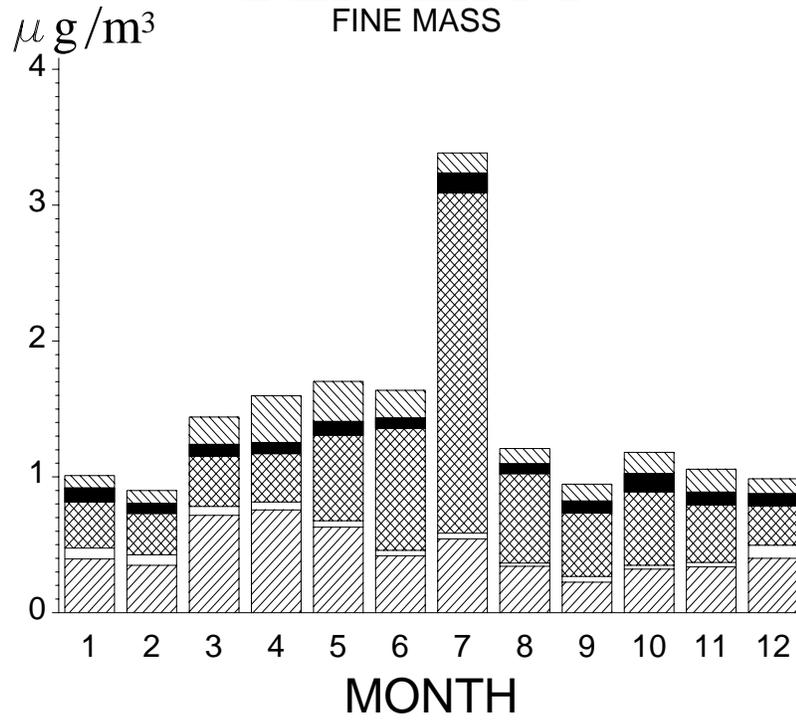


SOIL



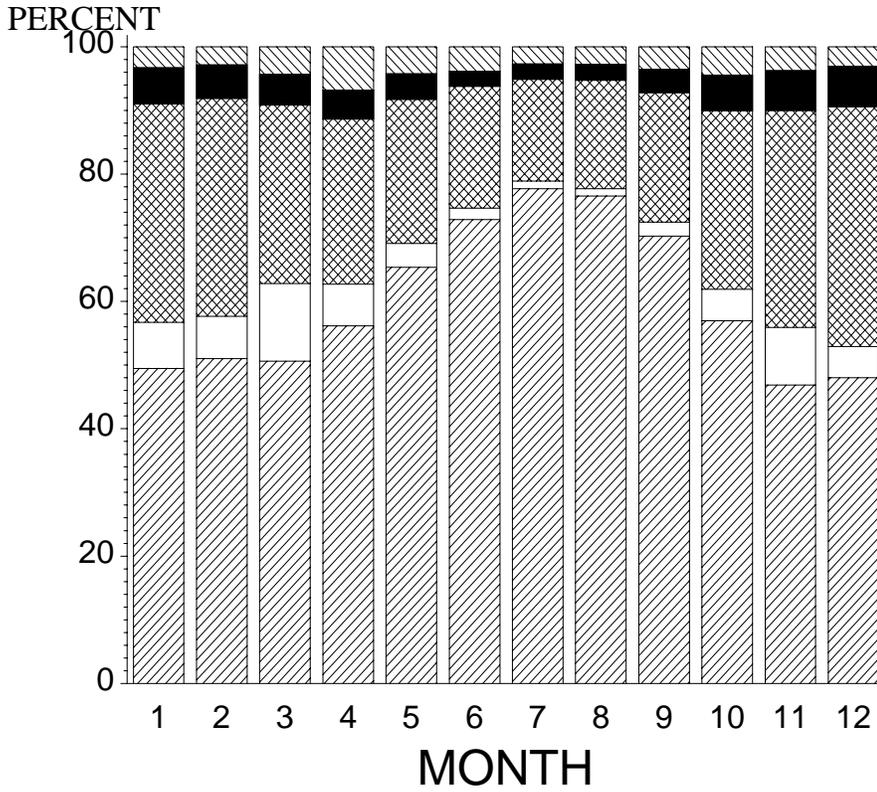
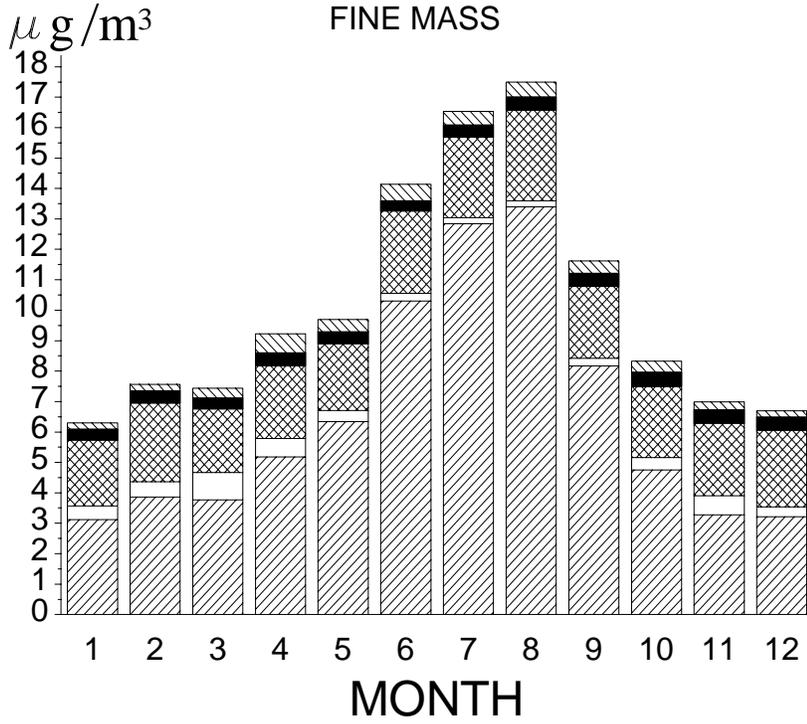
DENALI NP

FINE MASS



DOLLY SODS WA

FINE MASS



SULFATE



NITRATE



ORGANIC



LAC

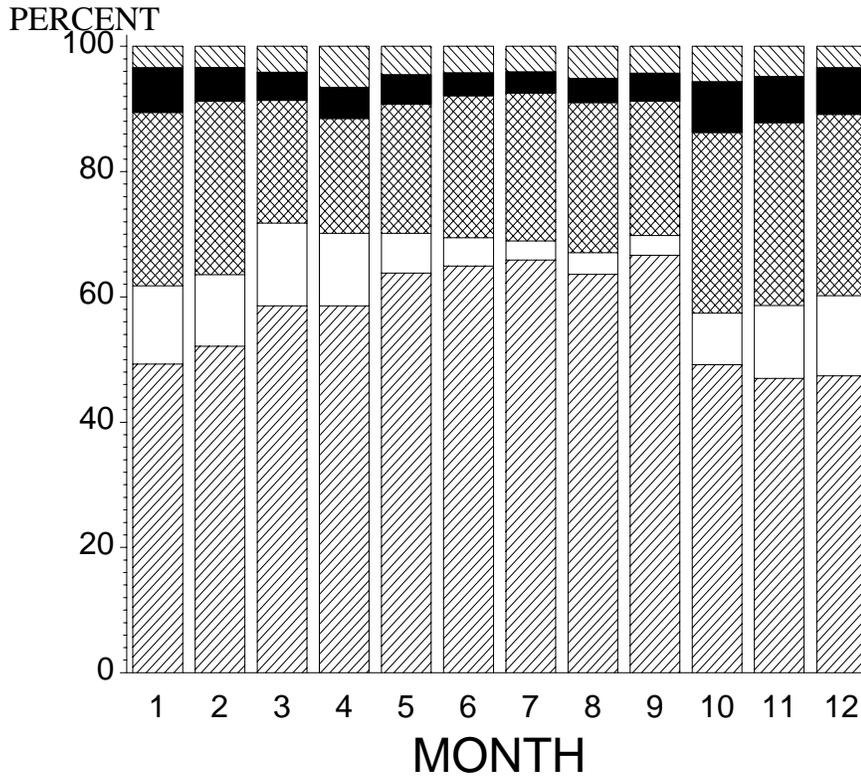
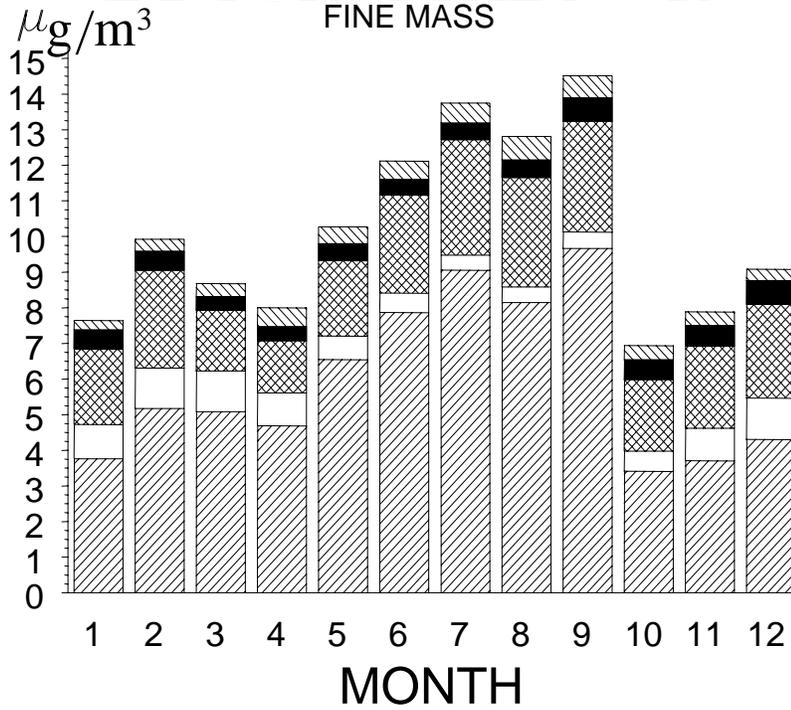


SOIL



E B FORSYTHE NWR

FINE MASS



SULFATE



NITRATE



ORGANIC



LAC



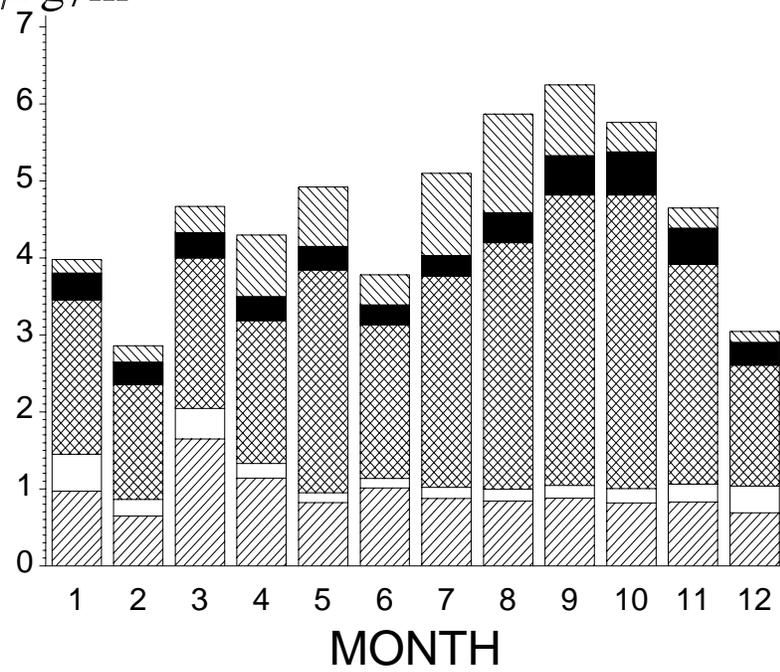
SOIL



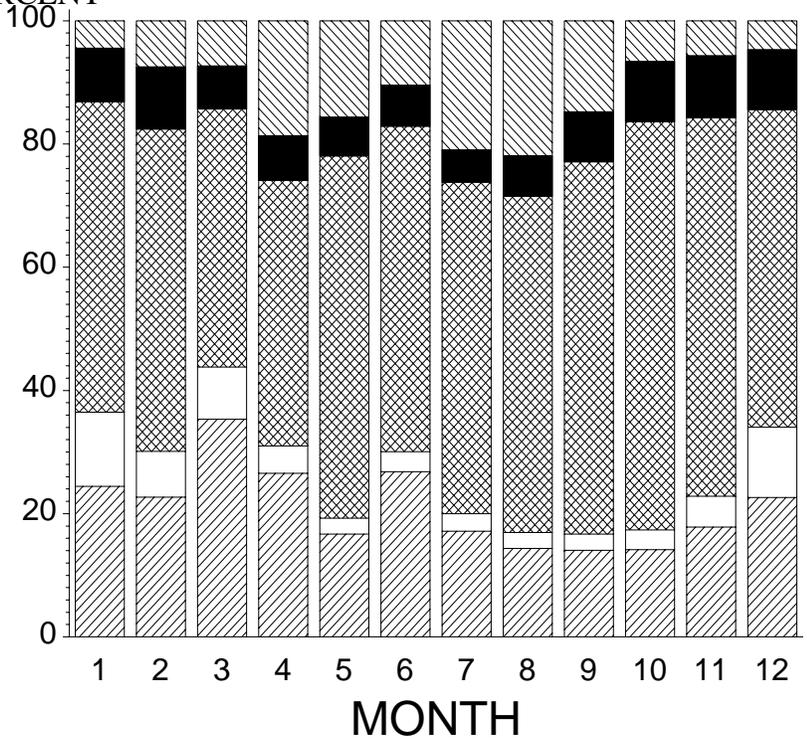
GLACIER NP

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE



NITRATE



ORGANIC



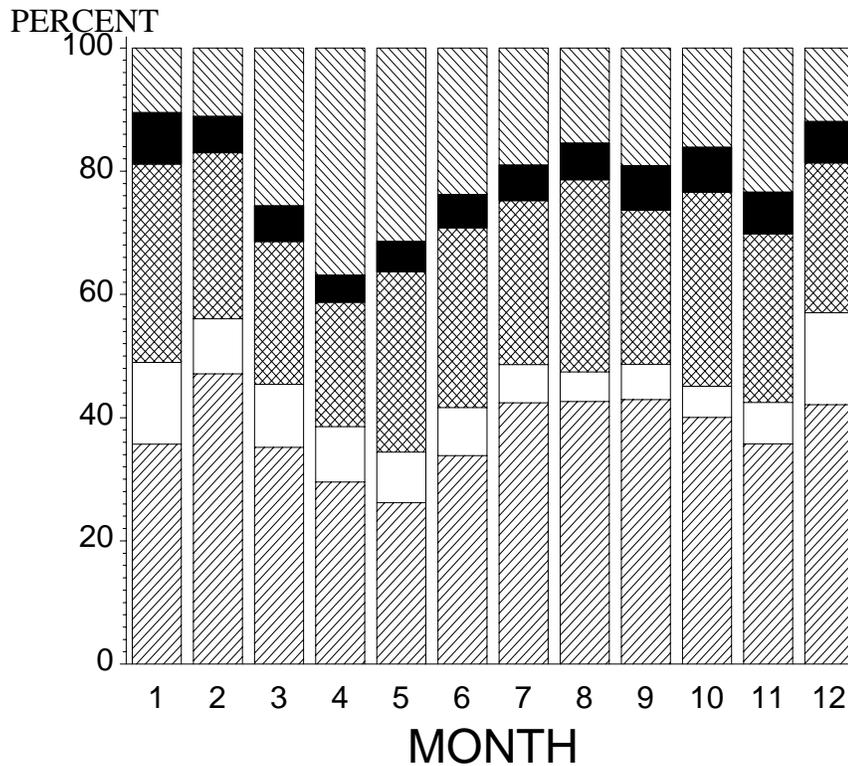
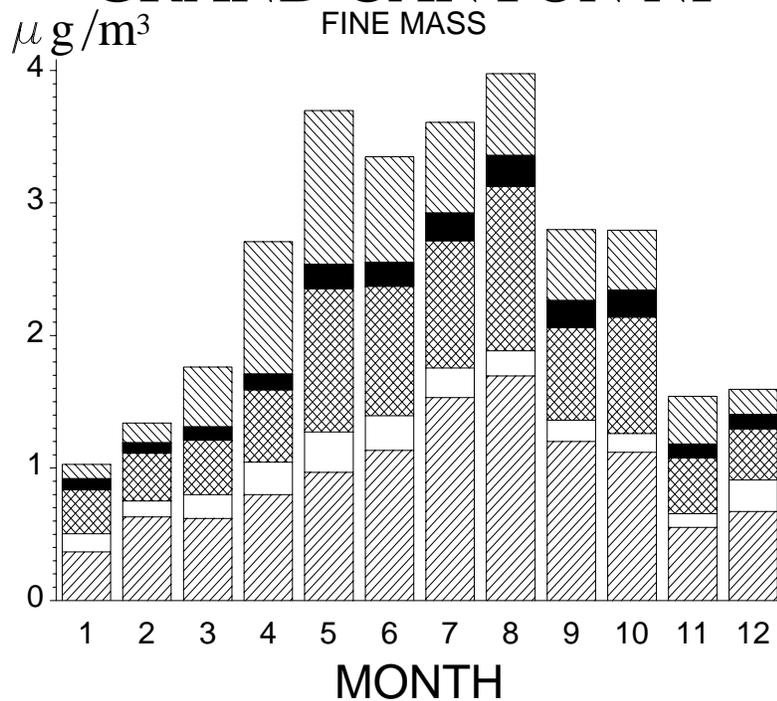
LAC



SOIL



GRAND CANYON NP



SULFATE


NITRATE


ORGANIC

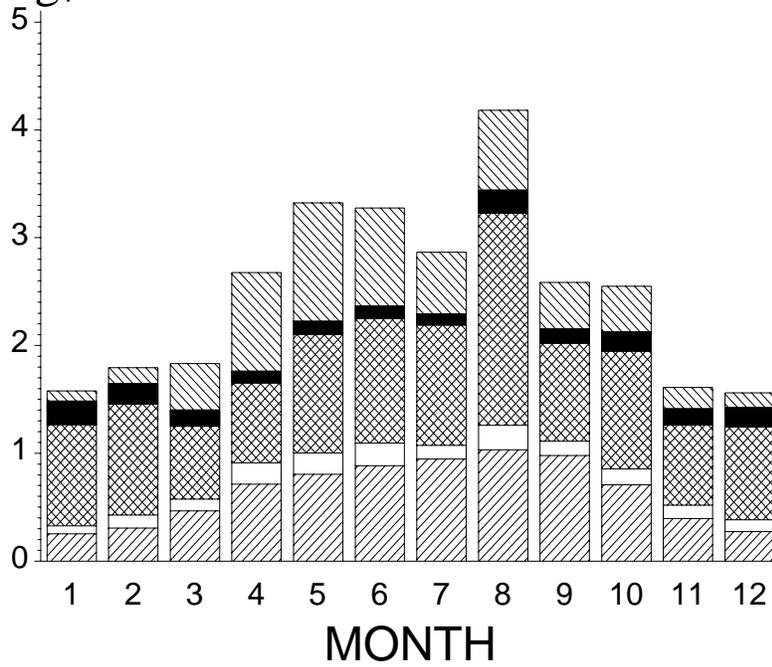

LAC


SOIL

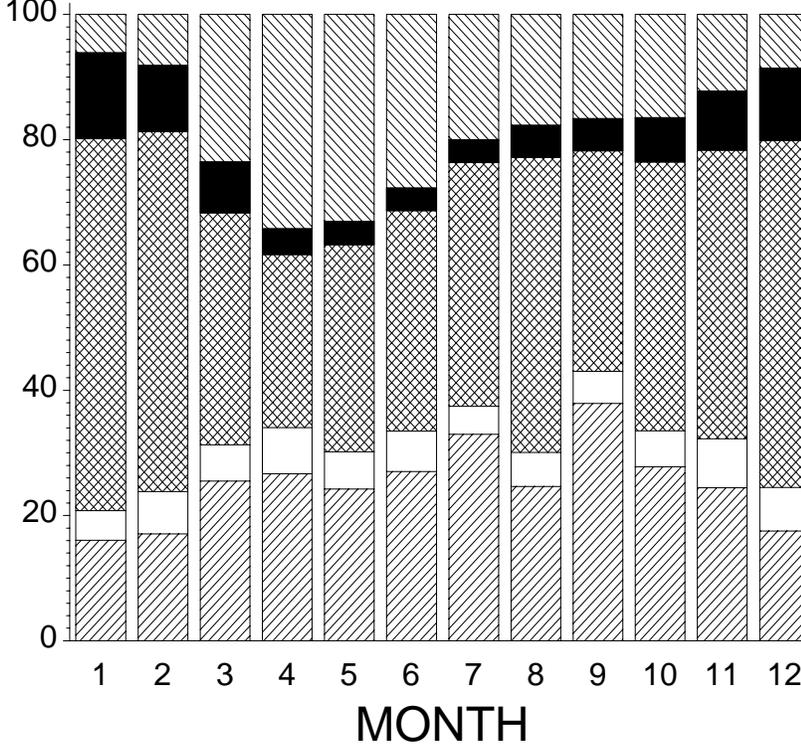

GREAT BASIN NP

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE



NITRATE



ORGANIC



LAC



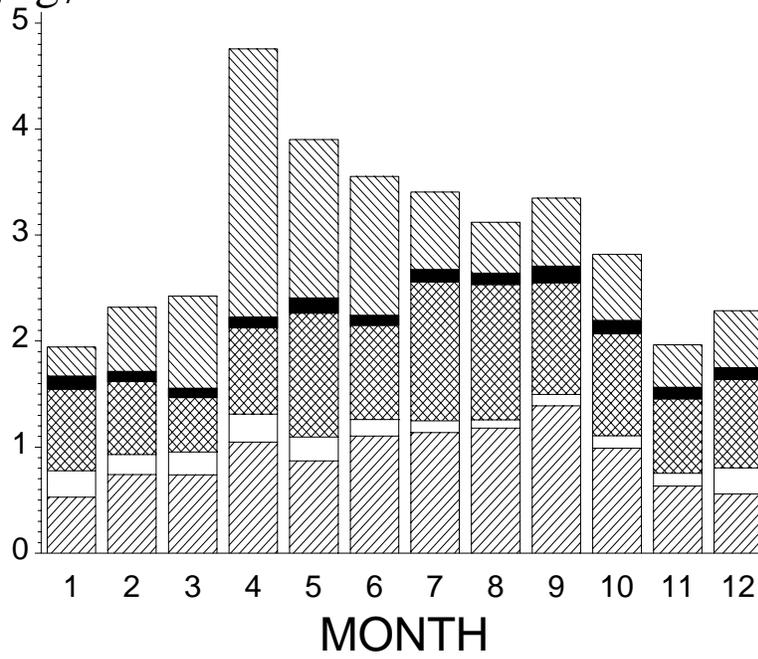
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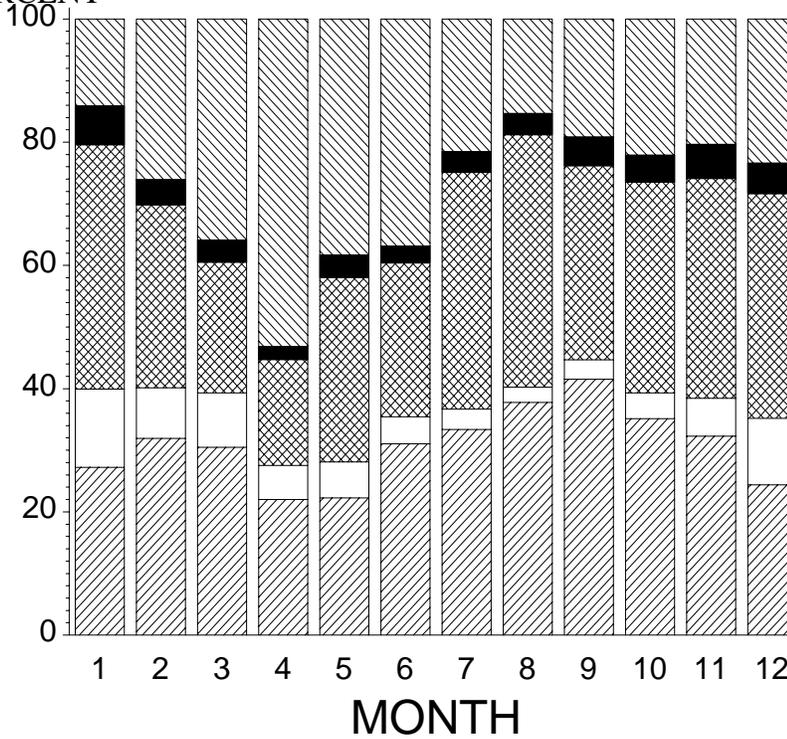
GREAT SAND DUNES NM

$\mu\text{g}/\text{m}^3$

FINE MASS



PERCENT



SULFATE



NITRATE



ORGANIC



LAC



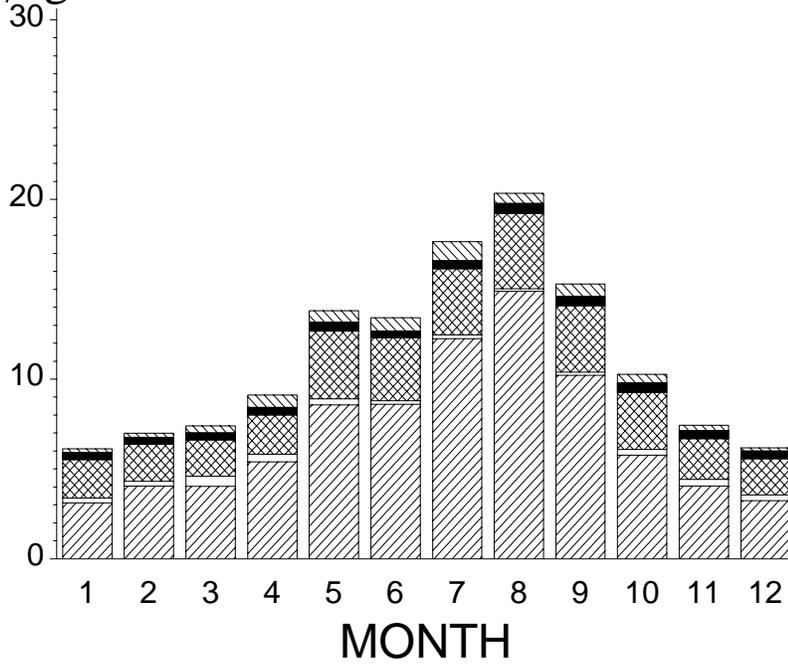
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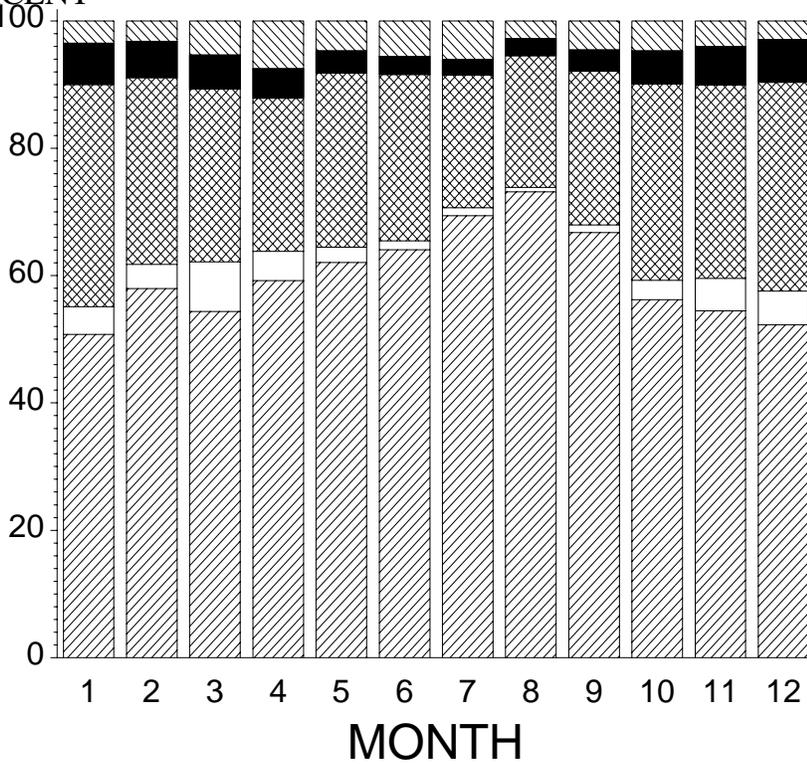
GREAT SMOKY MOUNTAINS NP

$\mu\text{g}/\text{m}^3$

FINE MASS



PERCENT



SULFATE



NITRATE



ORGANIC



LAC



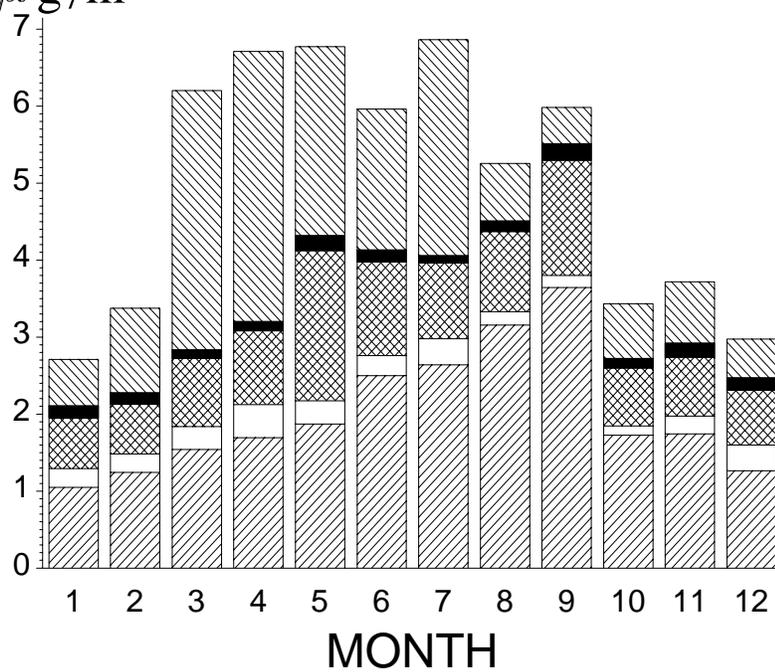
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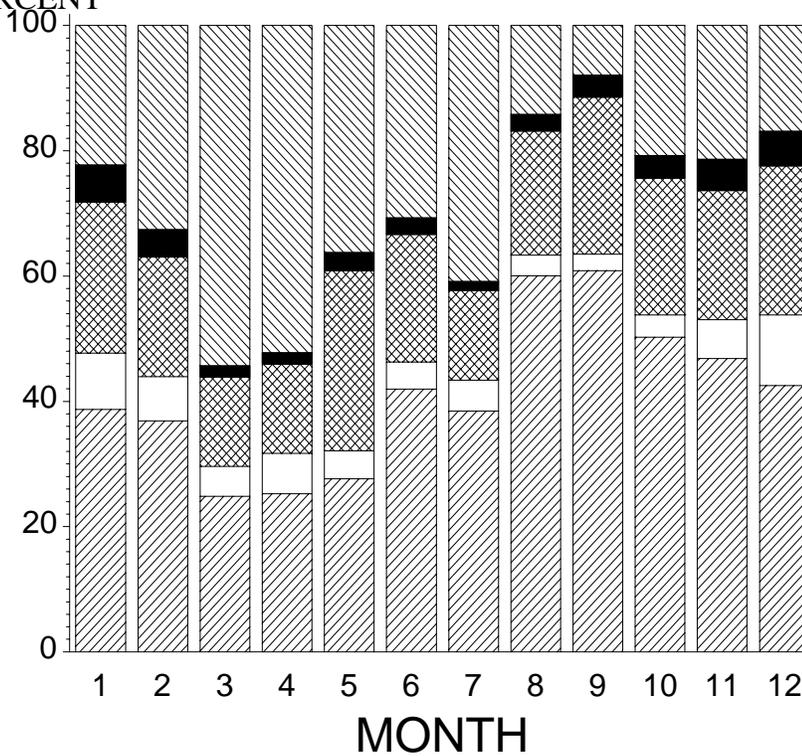
GUADALUPE MOUNTAIN NP

$\mu\text{g}/\text{m}^3$

FINE MASS



PERCENT



SULFATE



NITRATE



ORGANIC



LAC

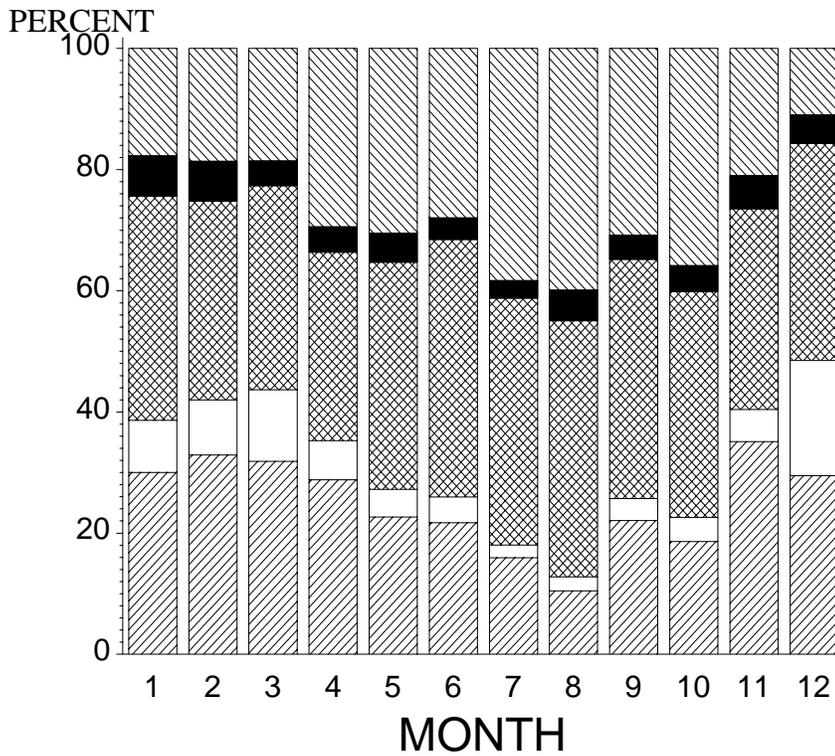
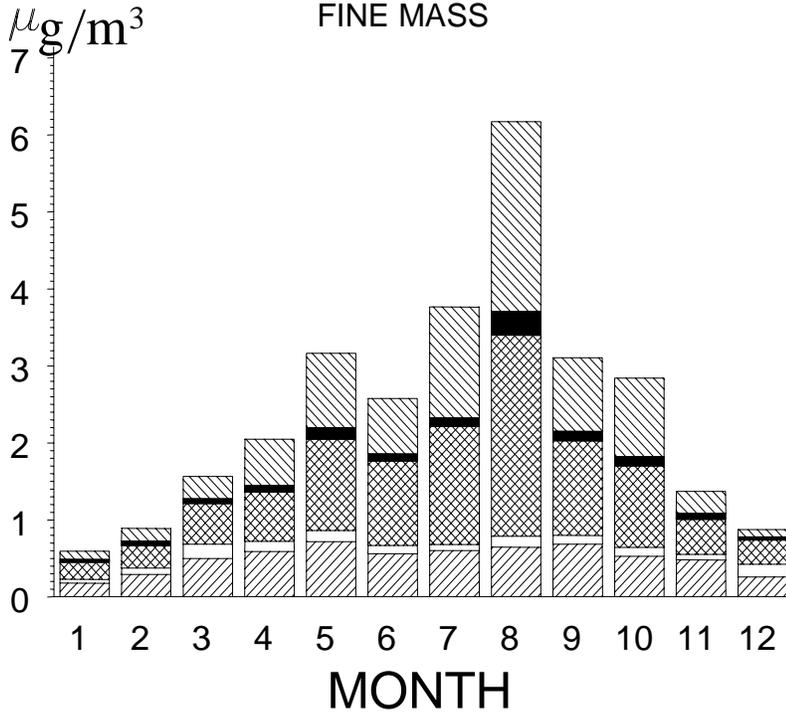


SOIL



JARBIDGE WA

FINE MASS



SULFATE

NITRATE

ORGANIC

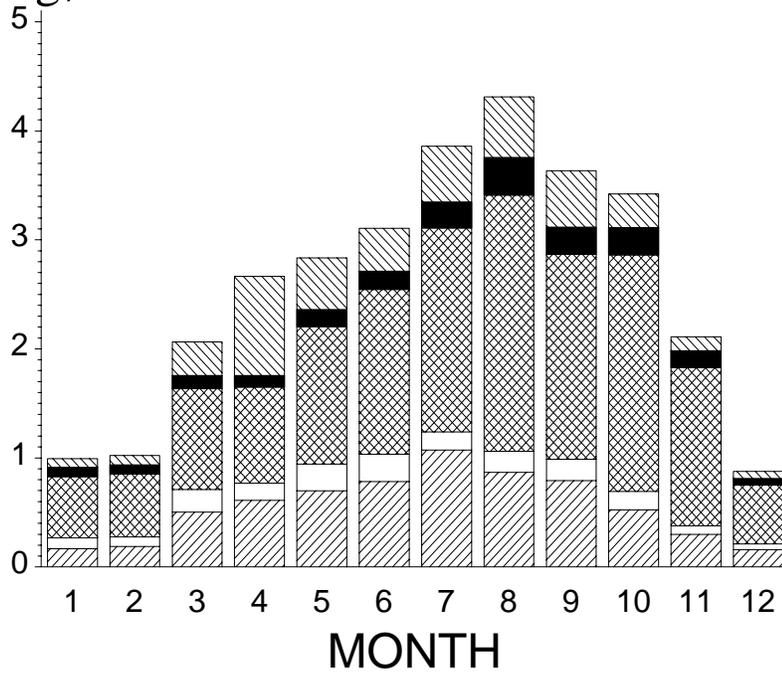
LAC

SOIL

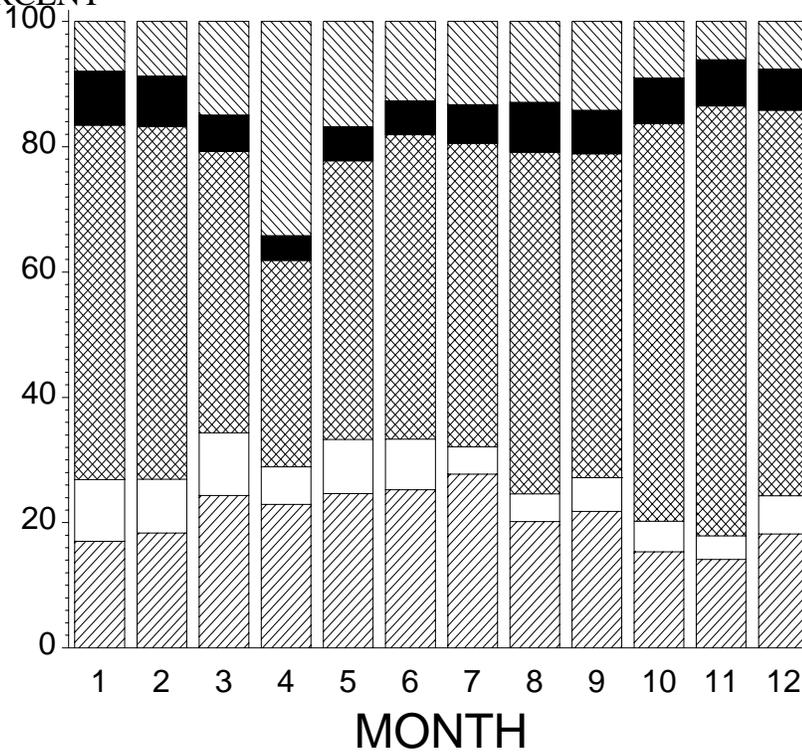
LASSEN VOLCANIC NP

$\mu\text{g}/\text{m}^3$

FINE MASS



PERCENT



SULFATE



NITRATE



ORGANIC



LAC



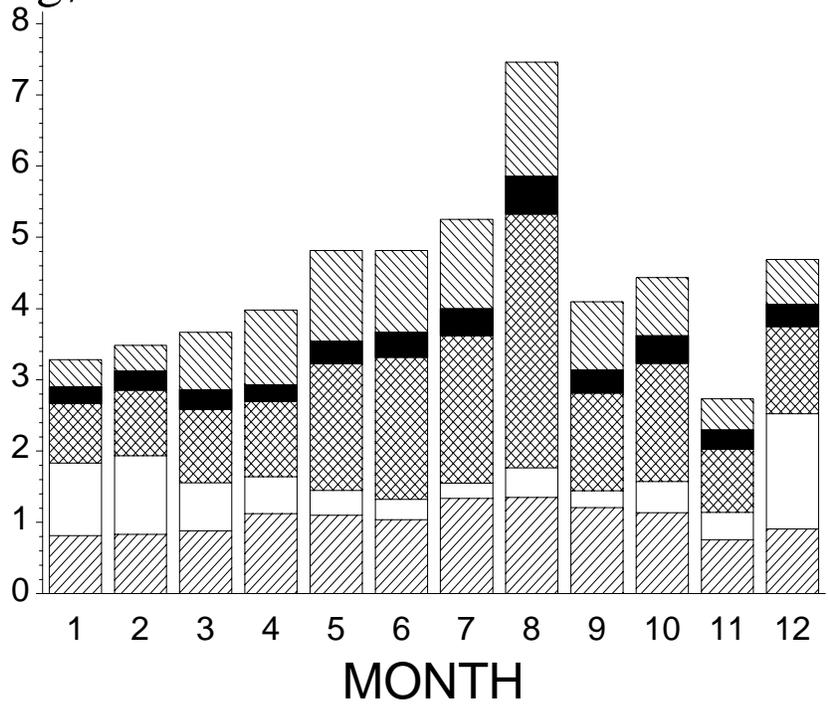
SOIL



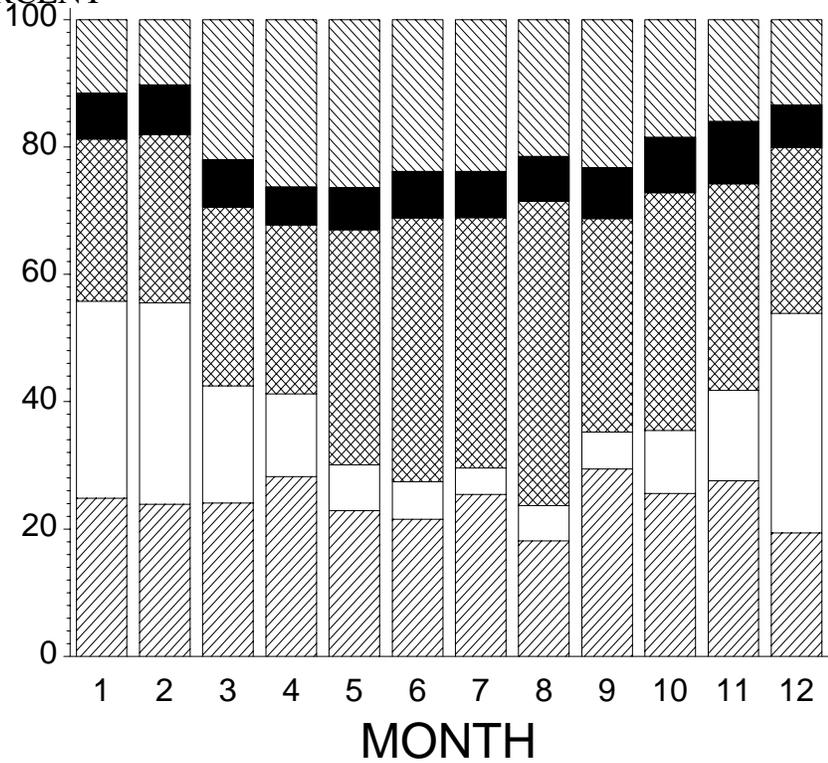
LONE PEAK WA

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE



NITRATE



ORGANIC



LAC



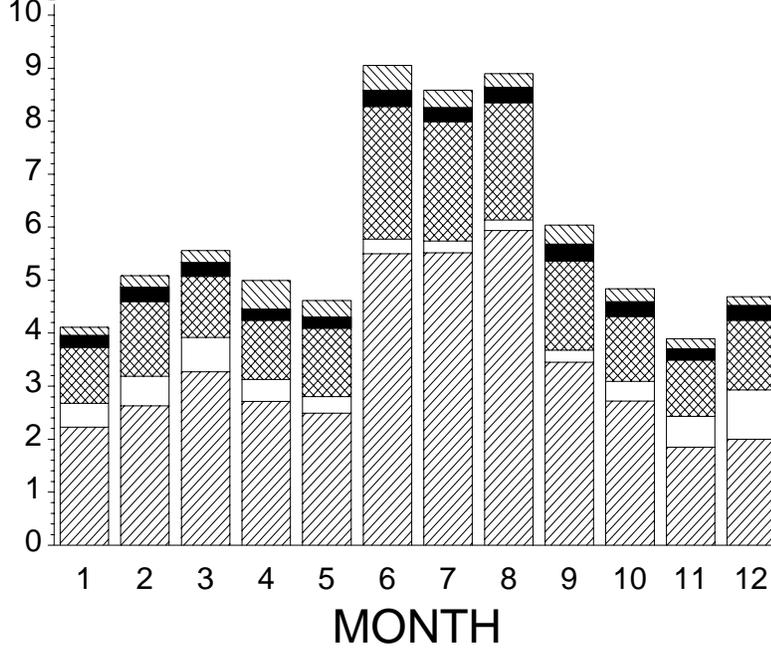
SOIL



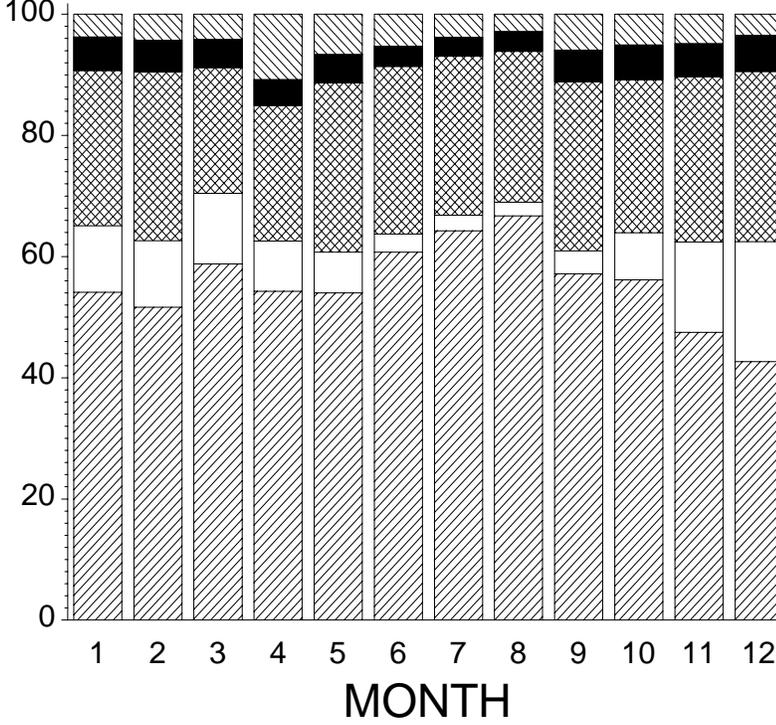
LYE BROOK WA

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE



NITRATE



ORGANIC



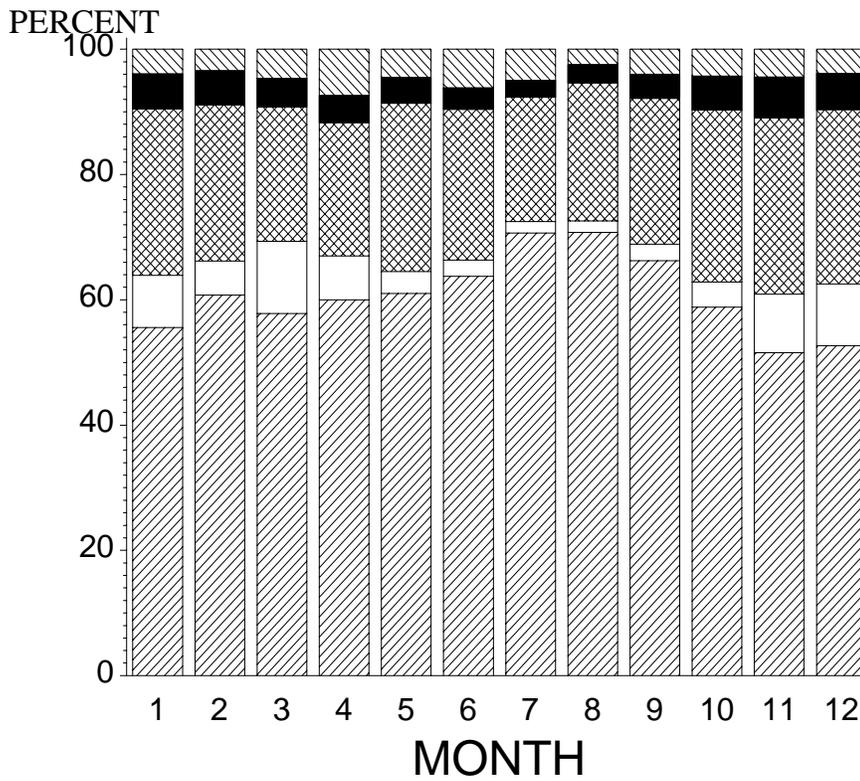
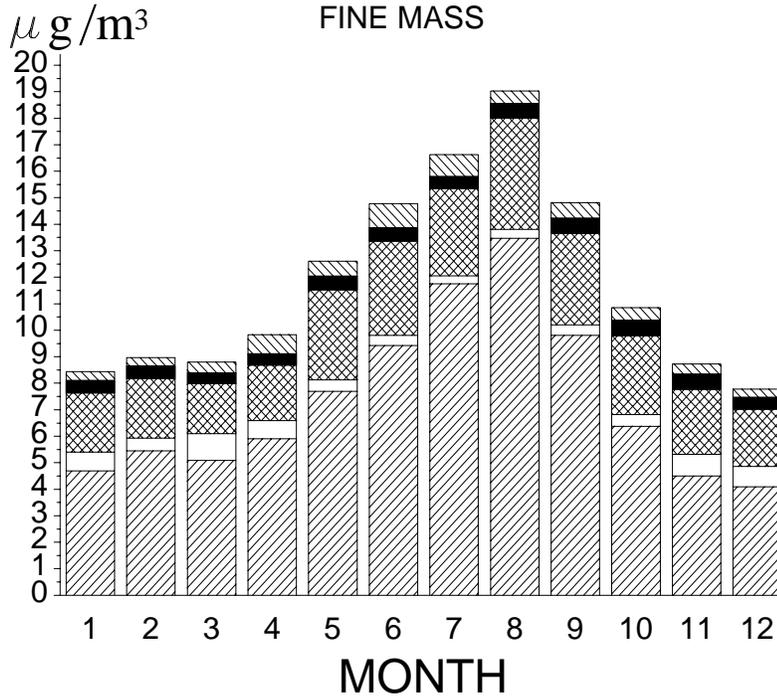
LAC



SOIL



MAMMOTH CAVE NP



SULFATE



NITRATE



ORGANIC



LAC



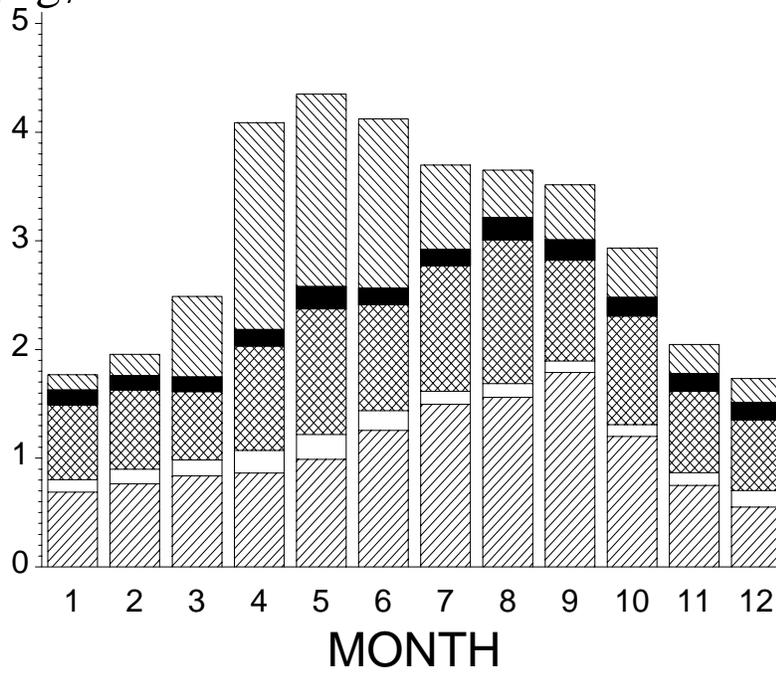
SOIL



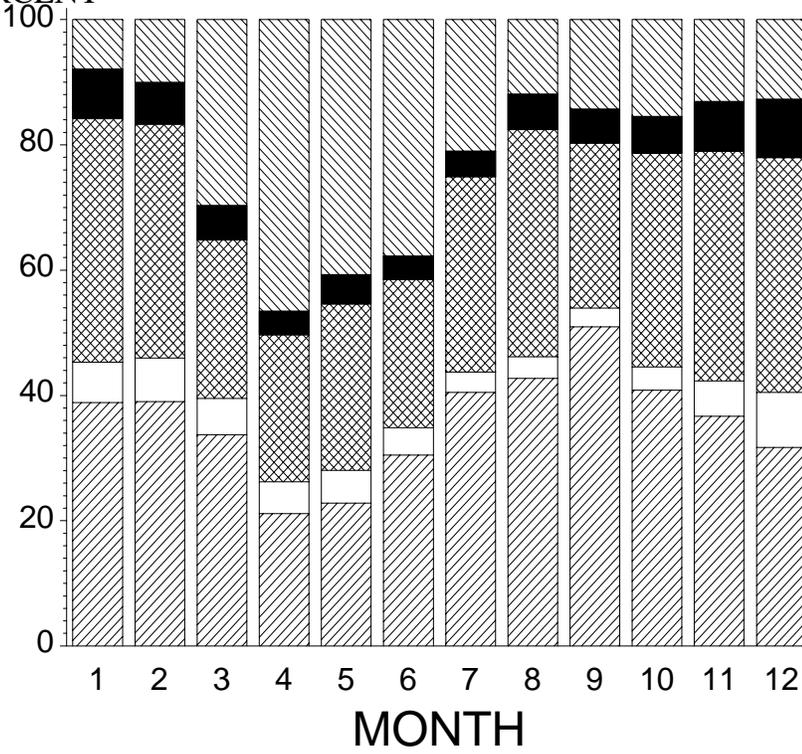
MESA VERDE NP

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE



NITRATE



ORGANIC



LAC



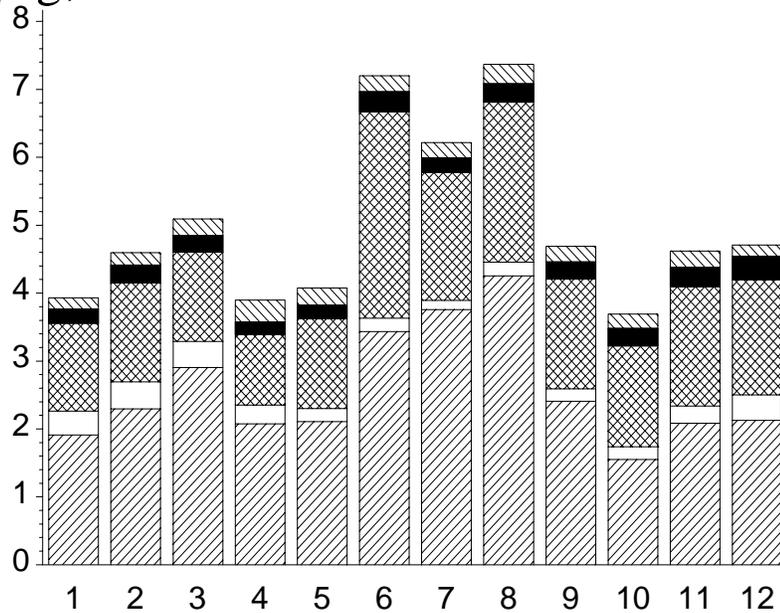
SOIL



MOOSEHORN NWR

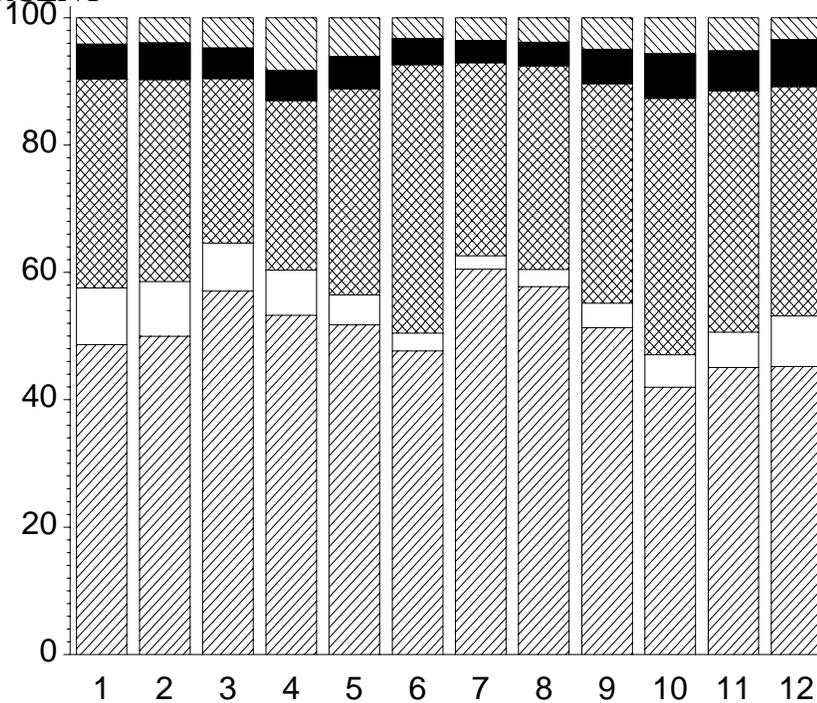
FINE MASS

$\mu\text{g}/\text{m}^3$



MONTH

PERCENT



MONTH

SULFATE



NITRATE



ORGANIC



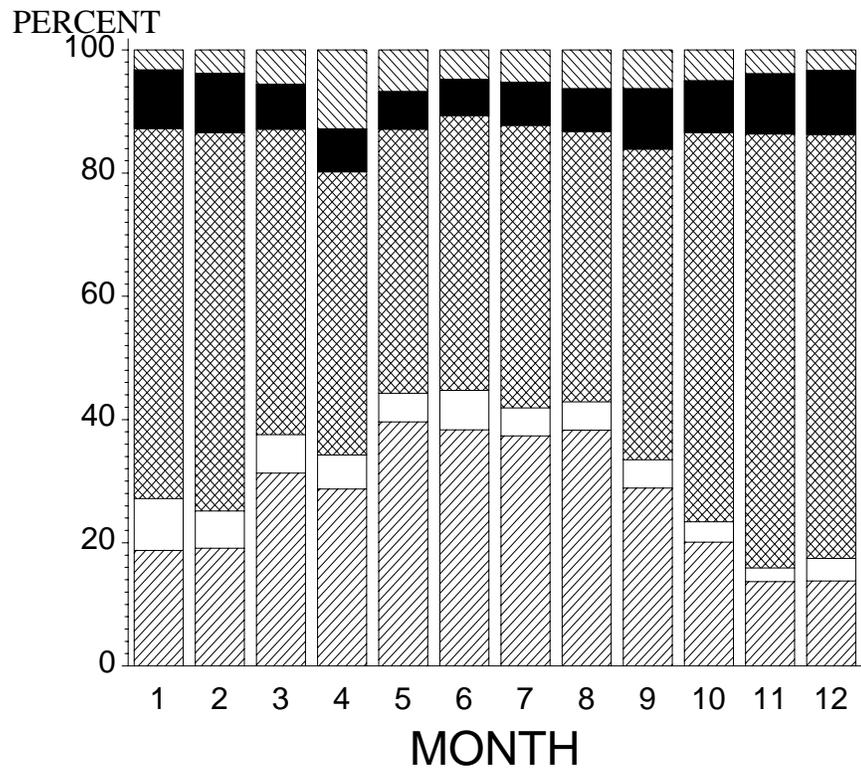
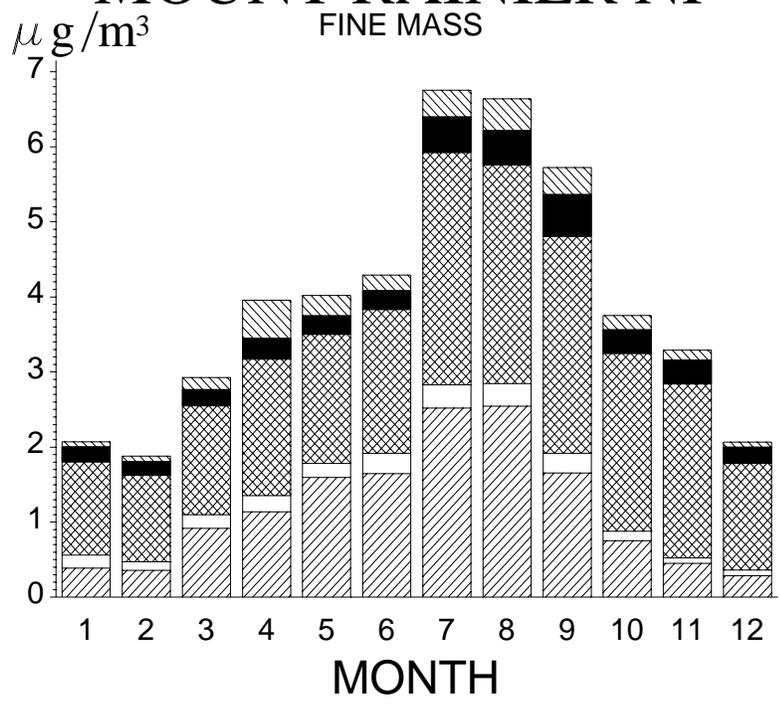
LAC



SOIL

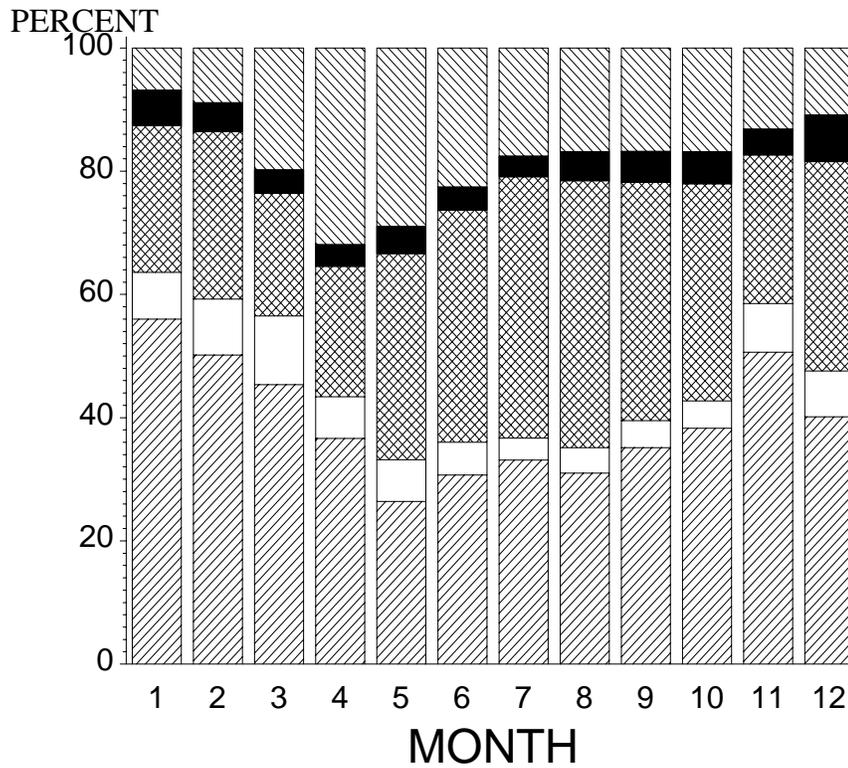
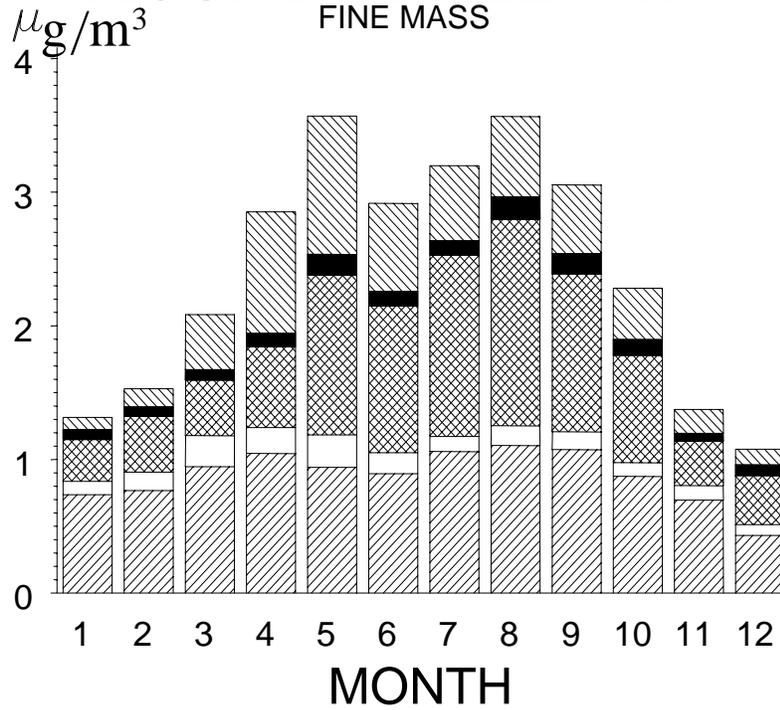


MOUNT RAINIER NP

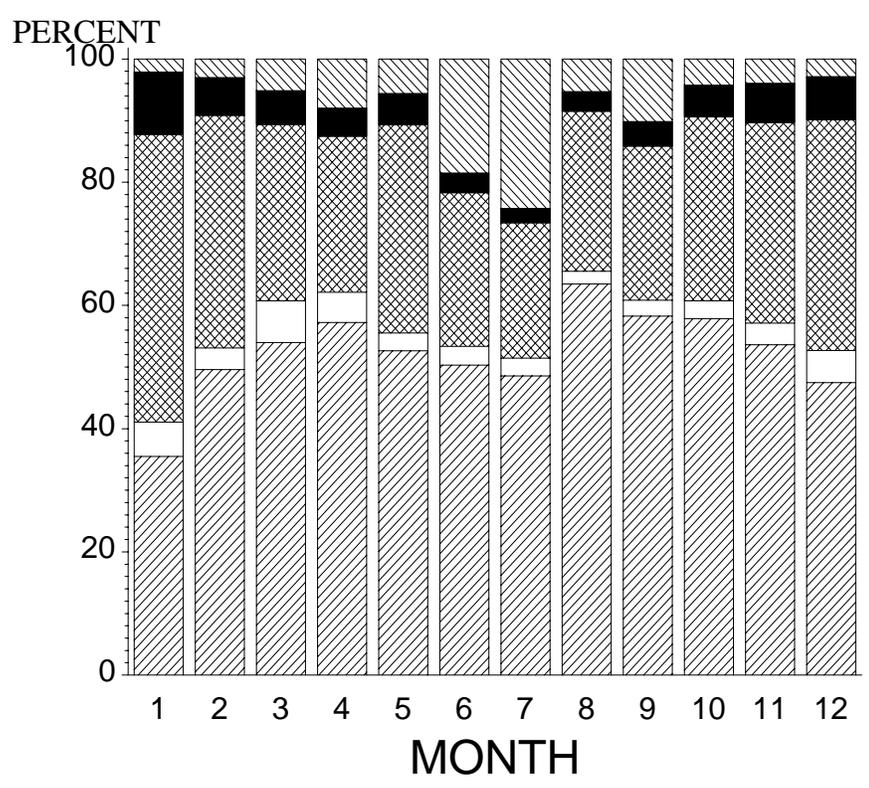
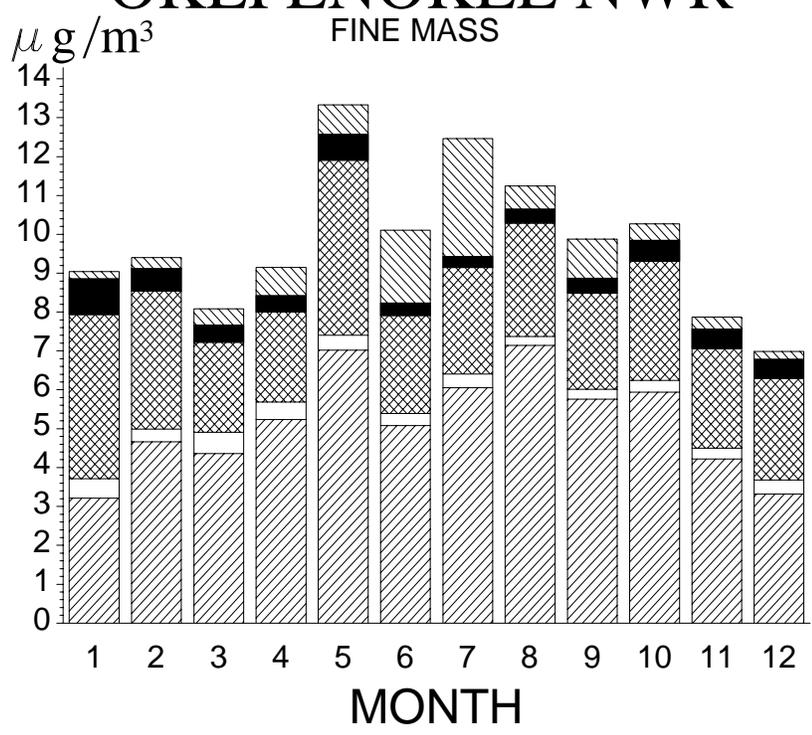


MOUNT ZIRKEL WA

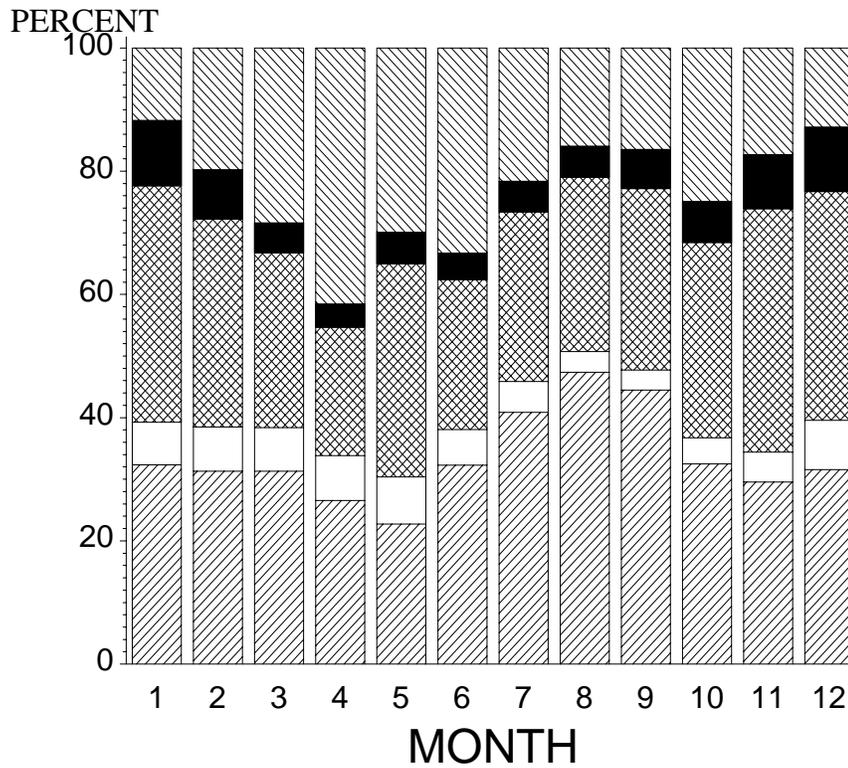
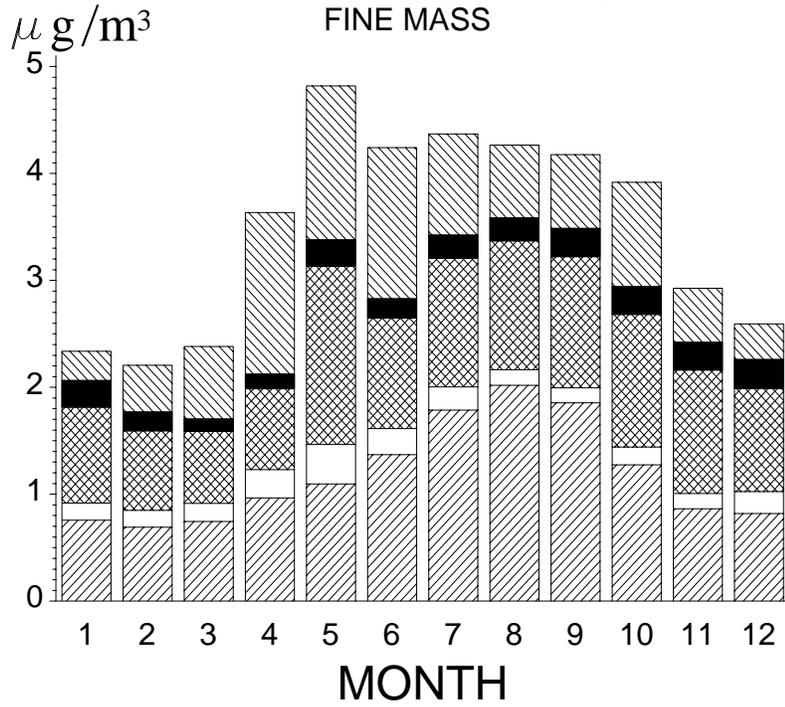
FINE MASS



OKEFENOKEE NWR



PETRIFIED FOREST NP



SULFATE

NITRATE

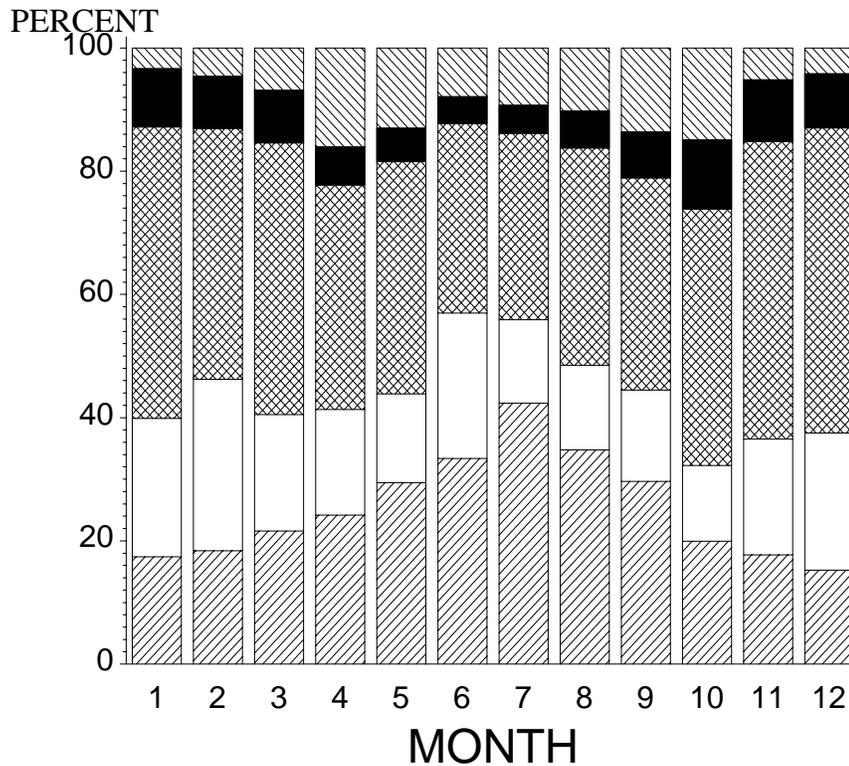
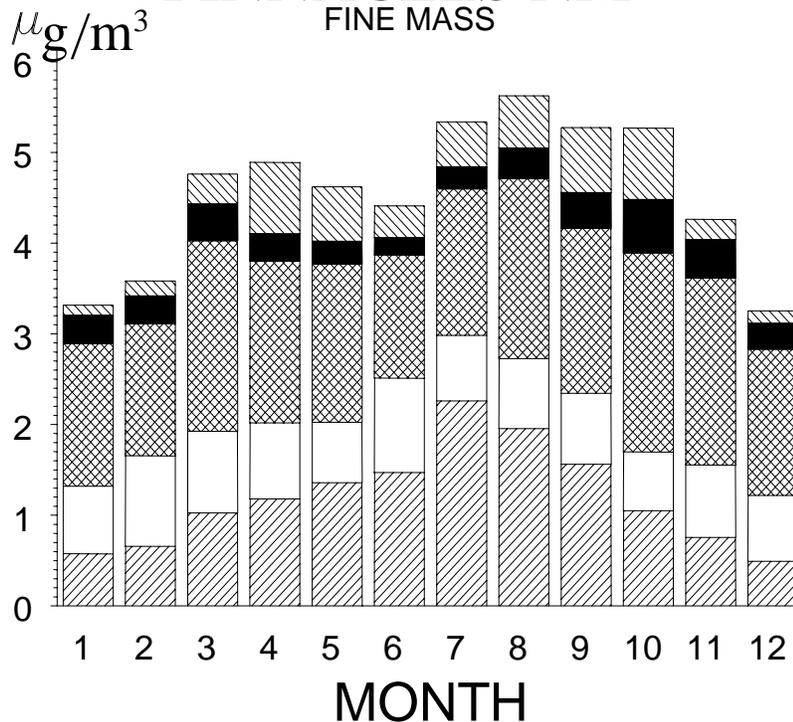
ORGANIC

LAC

SOIL

PINNACLES NM

FINE MASS



SULFATE



NITRATE



ORGANIC



LAC

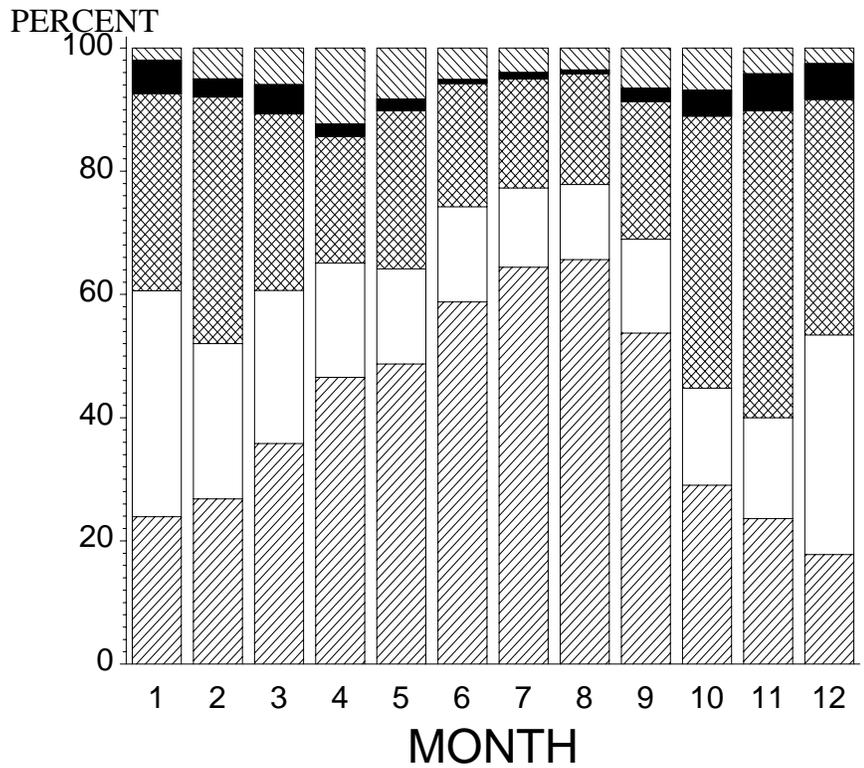
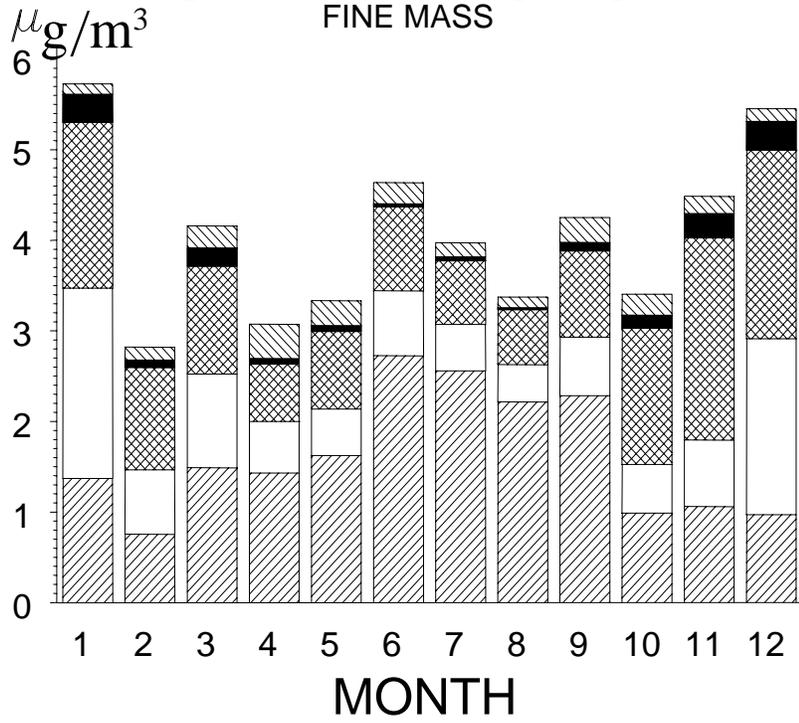


SOIL



POINT REYES NS

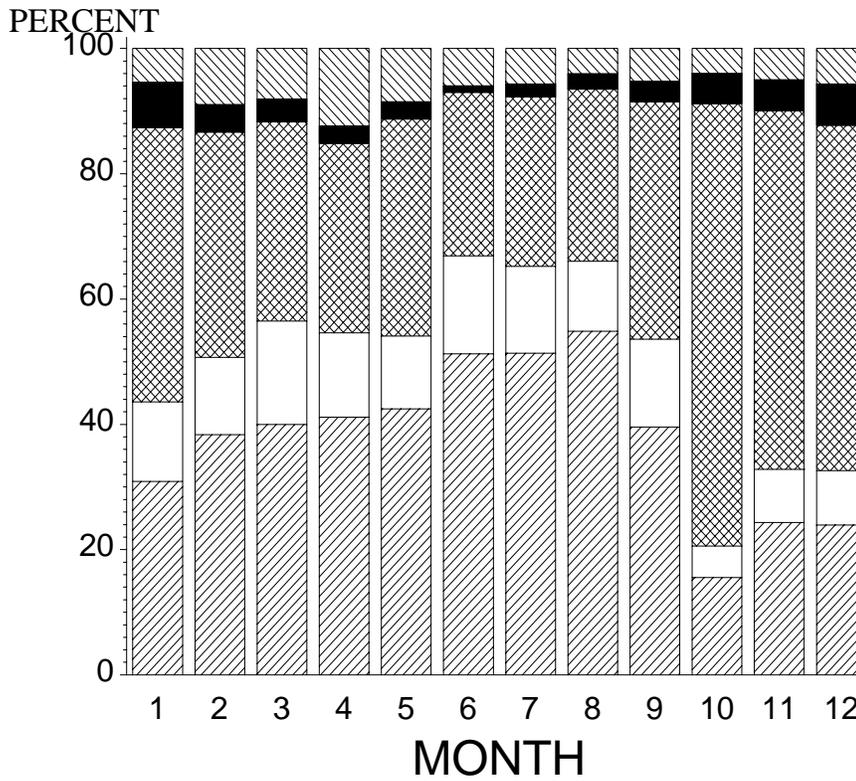
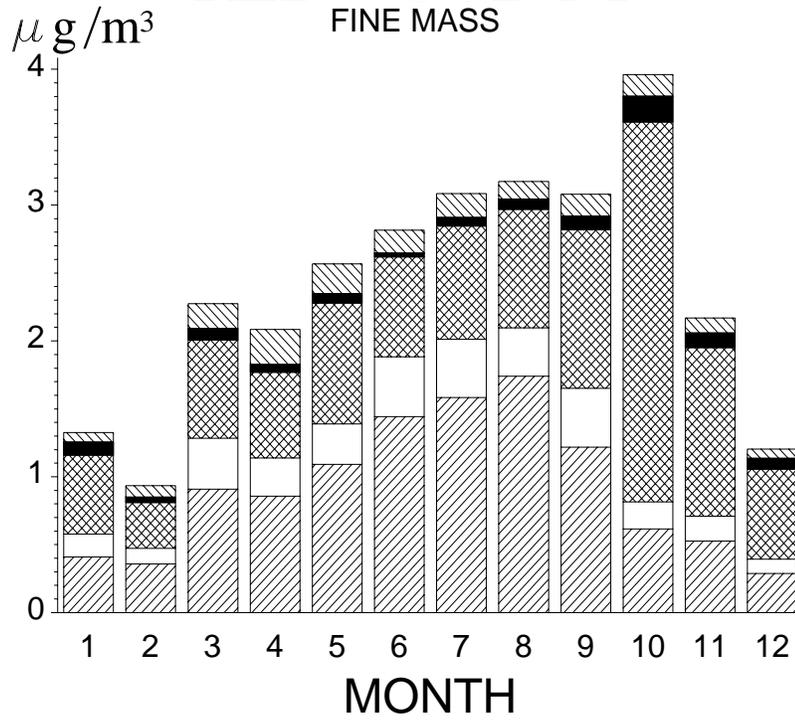
FINE MASS



SULFATE 
 NITRATE 
 ORGANIC 
 LAC 
 SOIL 

REDWOOD NP

FINE MASS



SULFATE


NITRATE

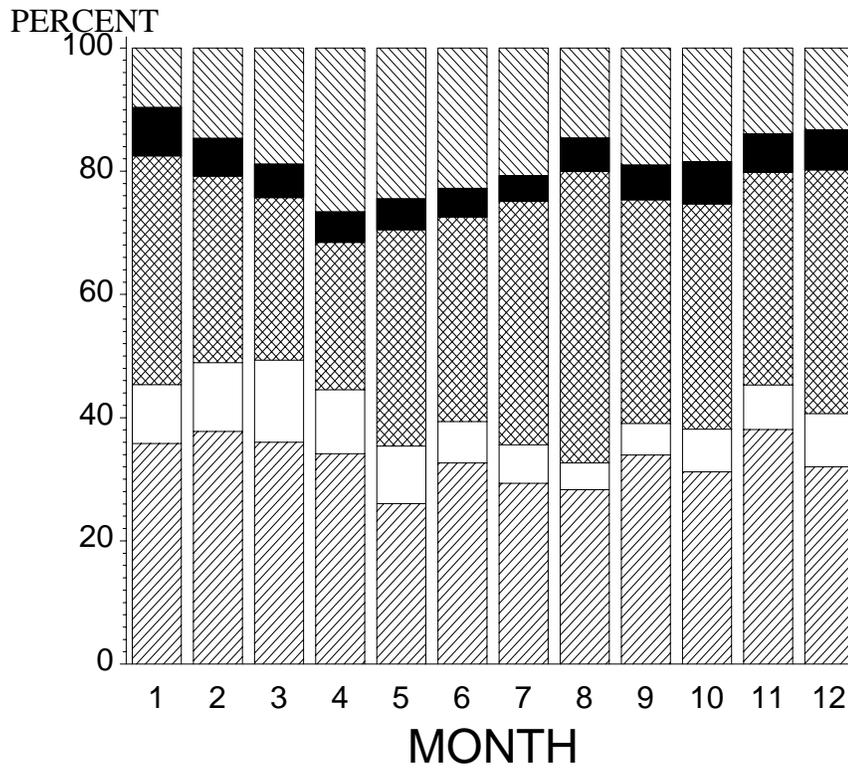
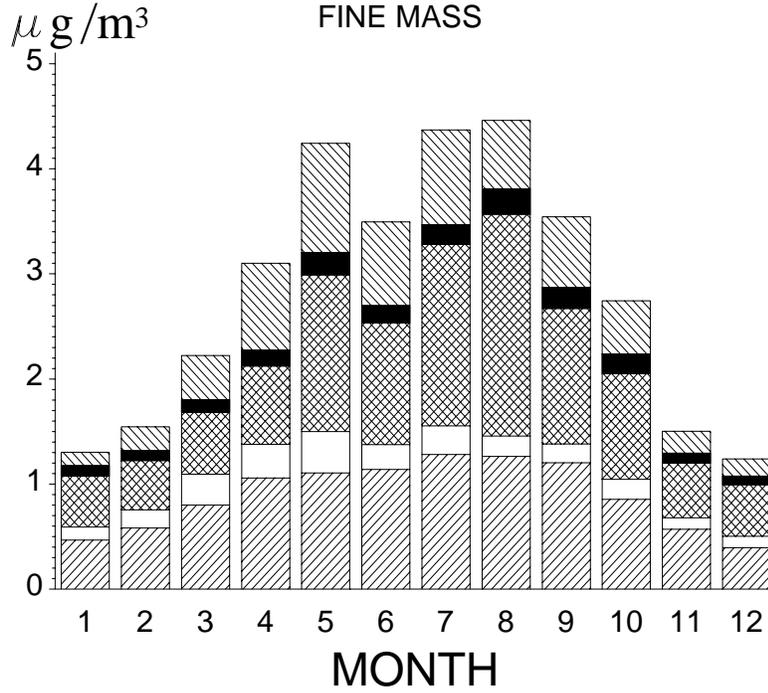

ORGANIC


LAC


SOIL


ROCKY MOUNTAIN NP

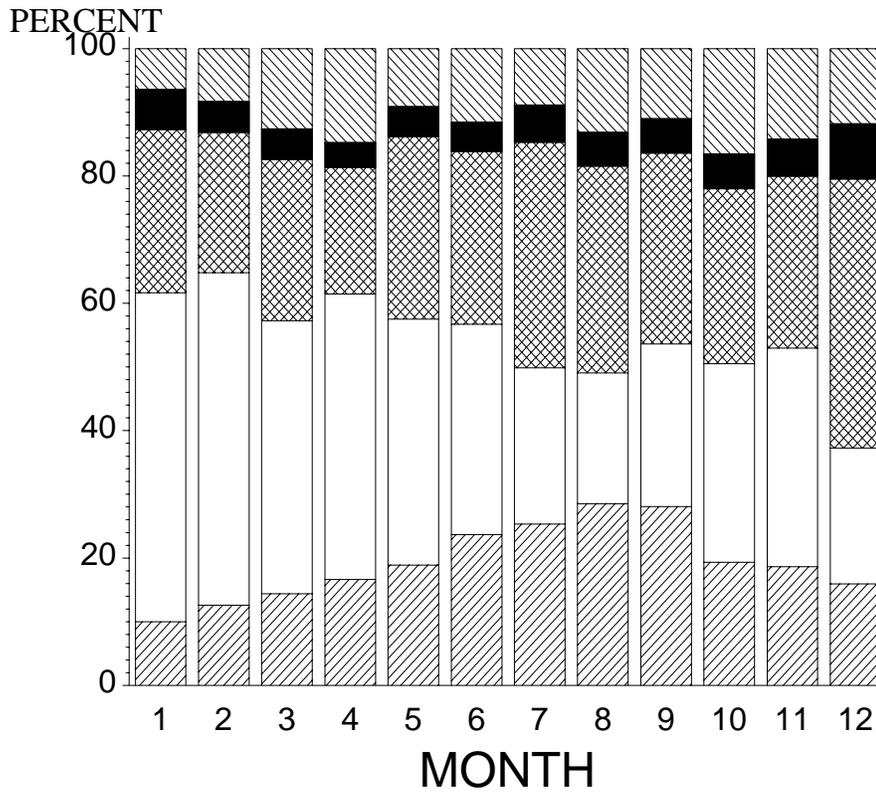
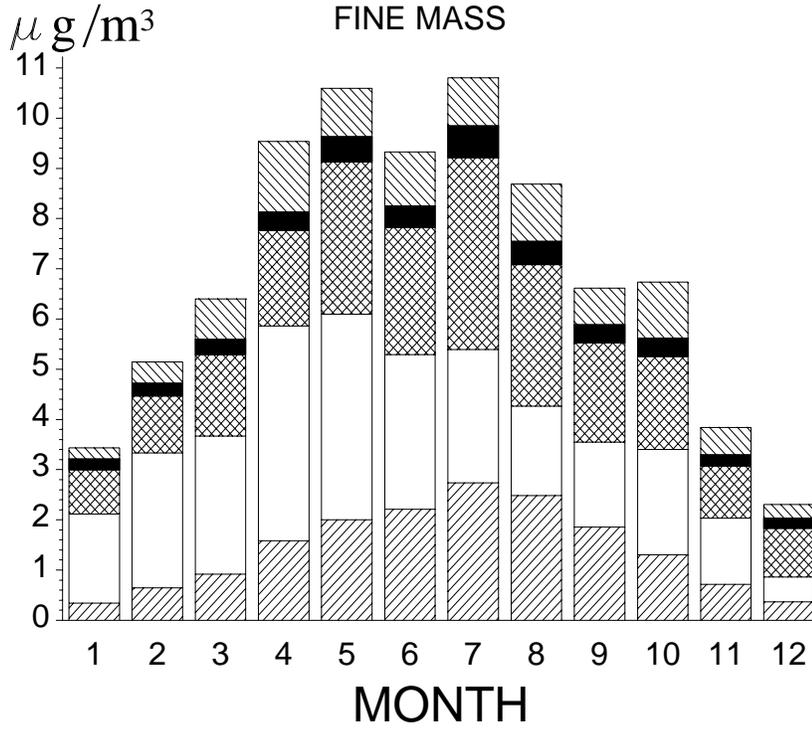
FINE MASS



SULFATE 
 NITRATE 
 ORGANIC 
 LAC 
 SOIL 

SAN GORGONIO WA

FINE MASS



SULFATE



NITRATE



ORGANIC



LAC

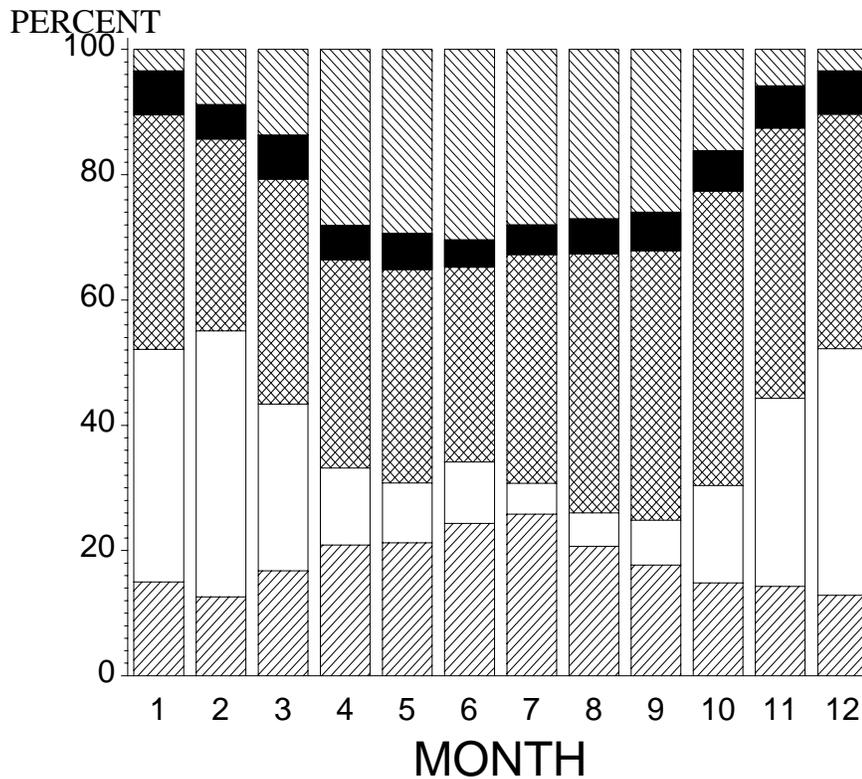
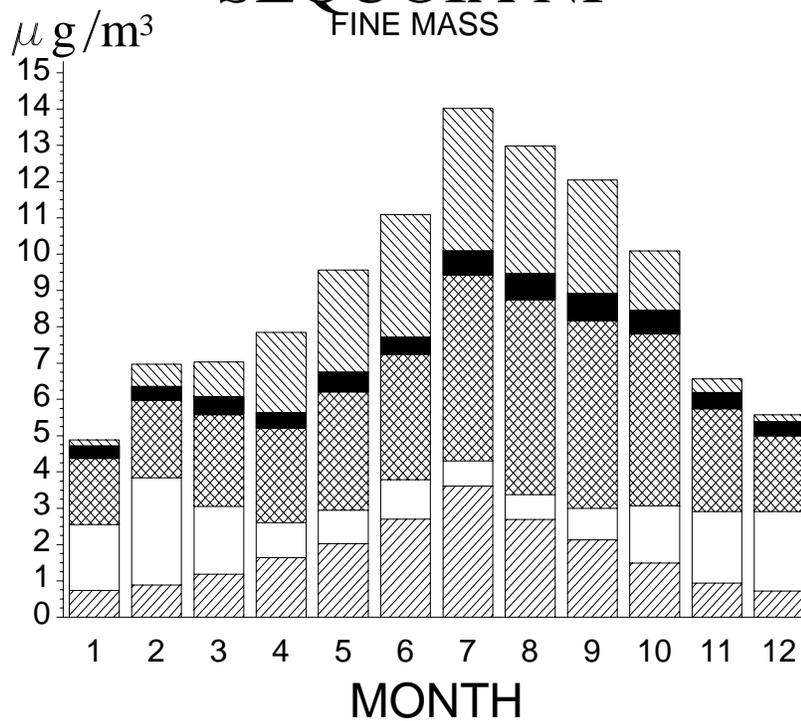


SOIL



SEQUOIA NP

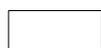
FINE MASS



SULFATE



NITRATE



ORGANIC



LAC

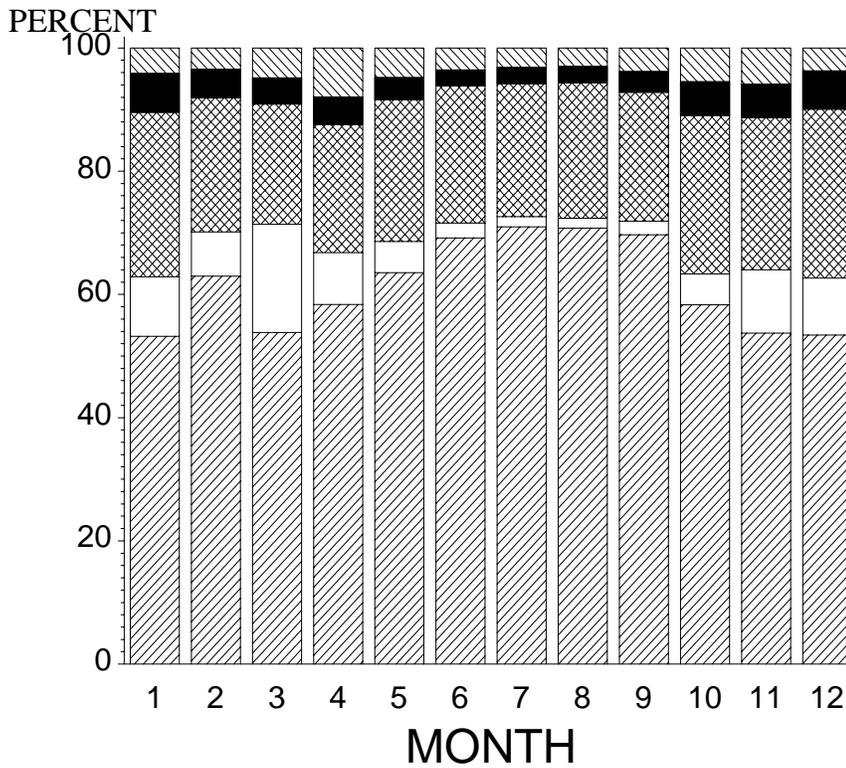
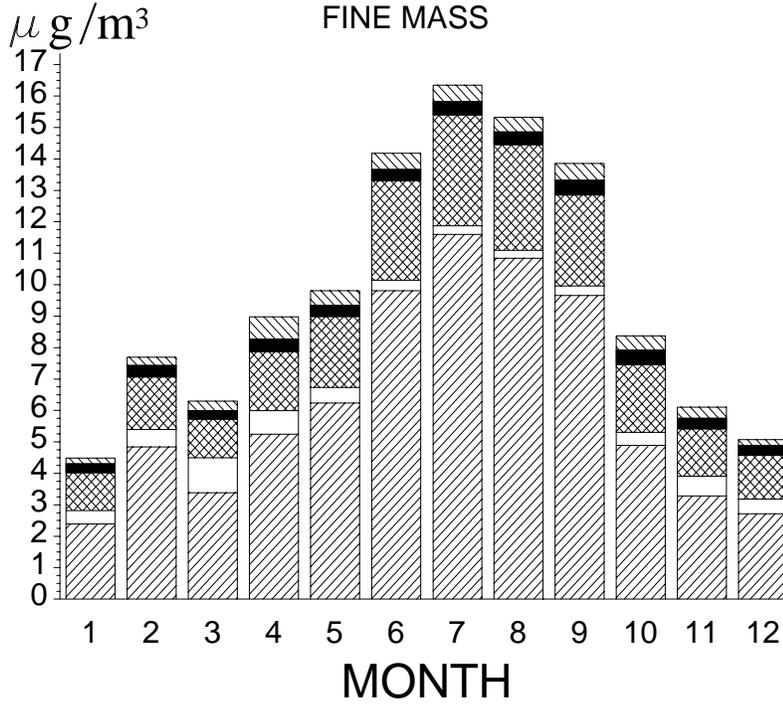


SOIL



SHENANDOAH NP

FINE MASS



SULFATE


NITRATE

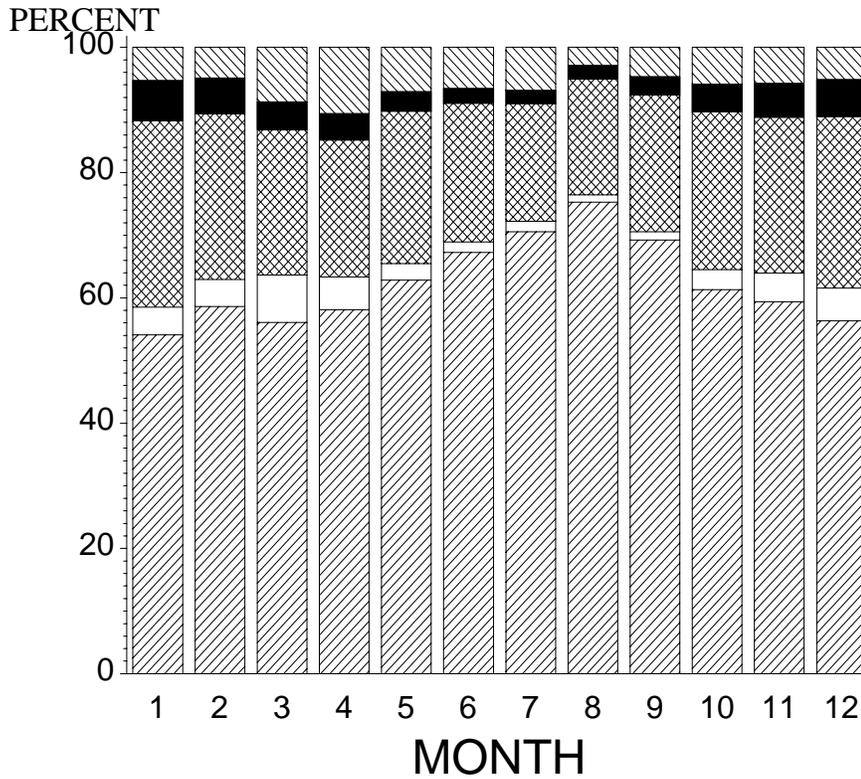
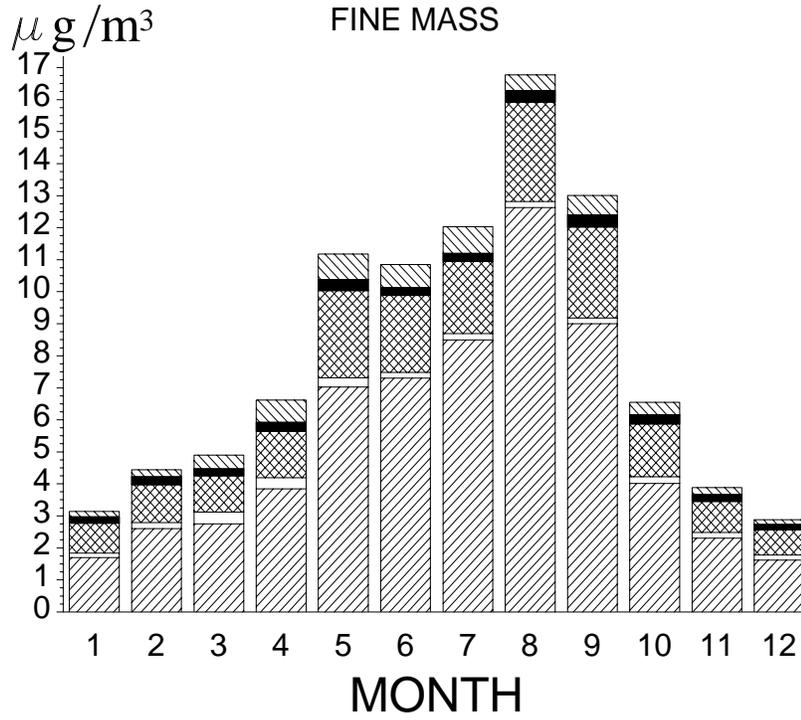

ORGANIC


LAC


SOIL

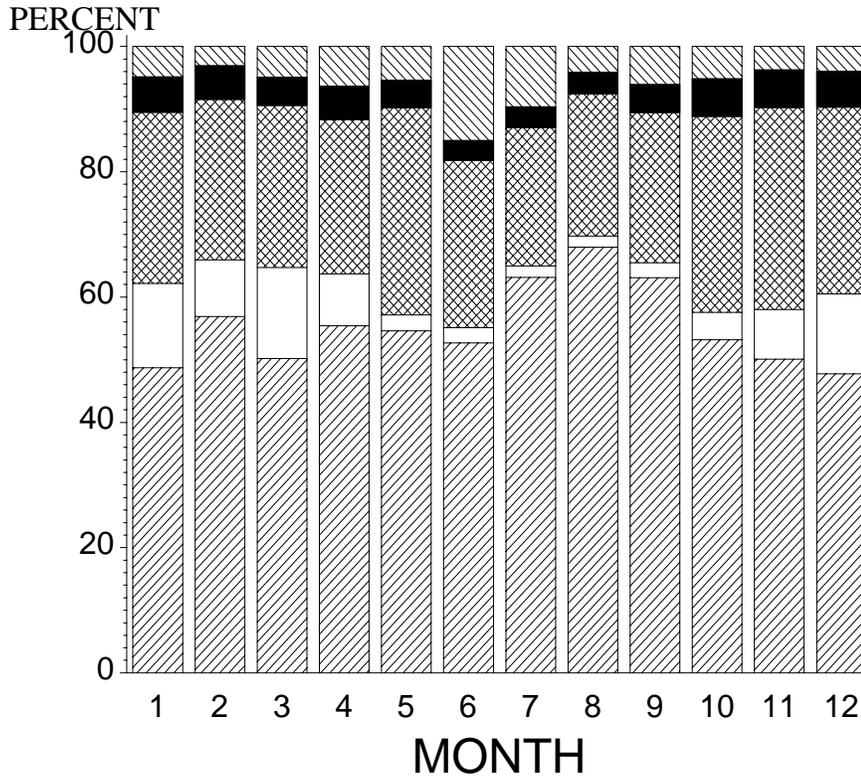
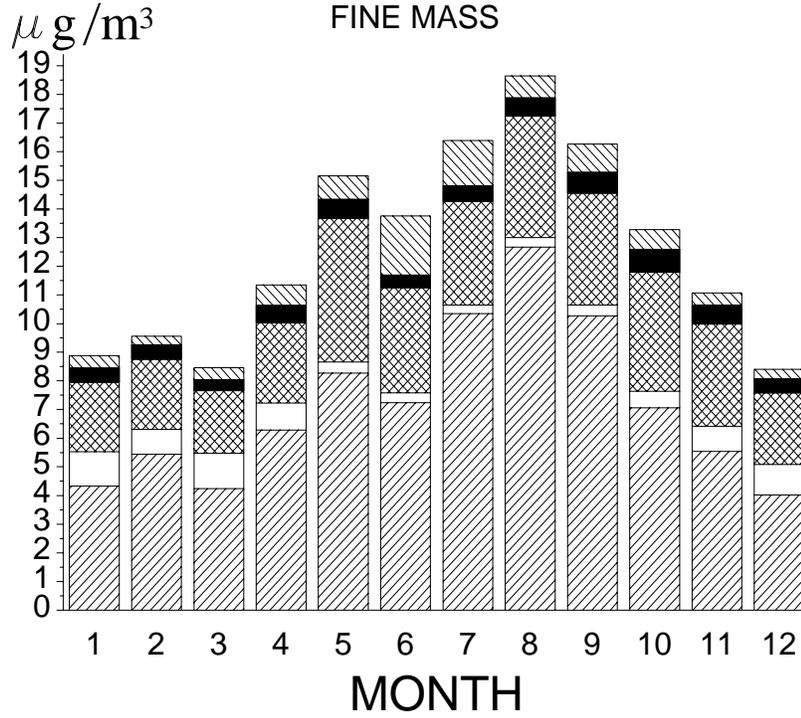

SHINING ROCK WA

FINE MASS



SIPSEY WA

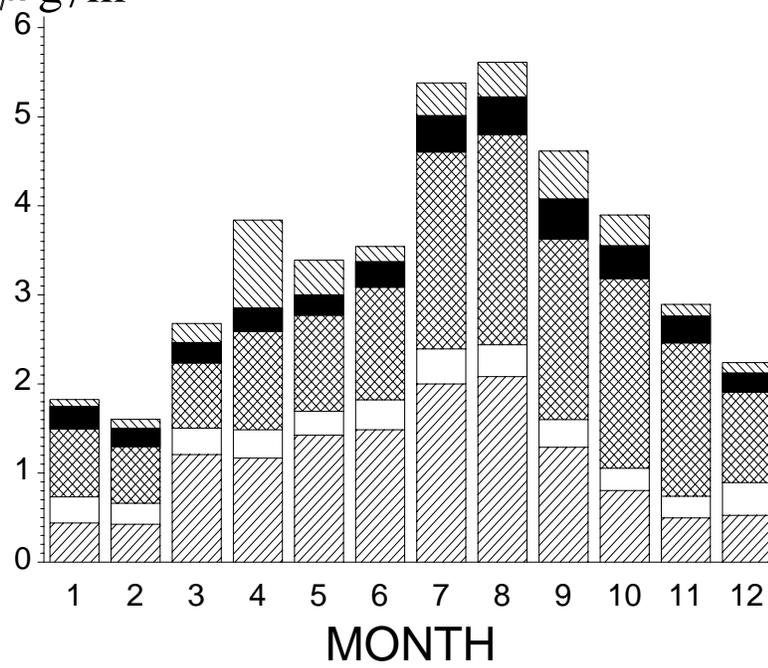
FINE MASS



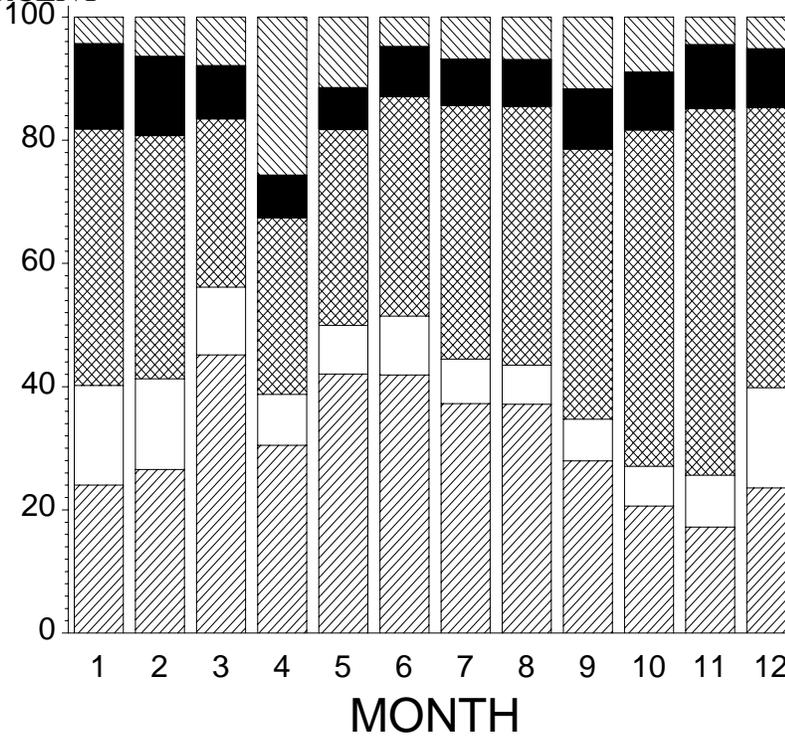
SNOQUALMIE PASS WA

$\mu\text{g}/\text{m}^3$

FINE MASS



PERCENT



SULFATE



NITRATE



ORGANIC



LAC



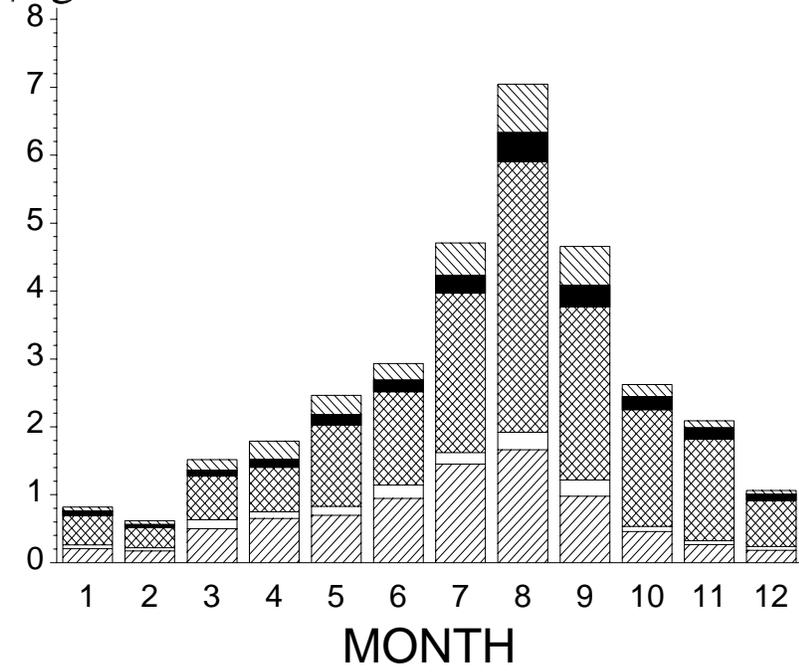
SOIL



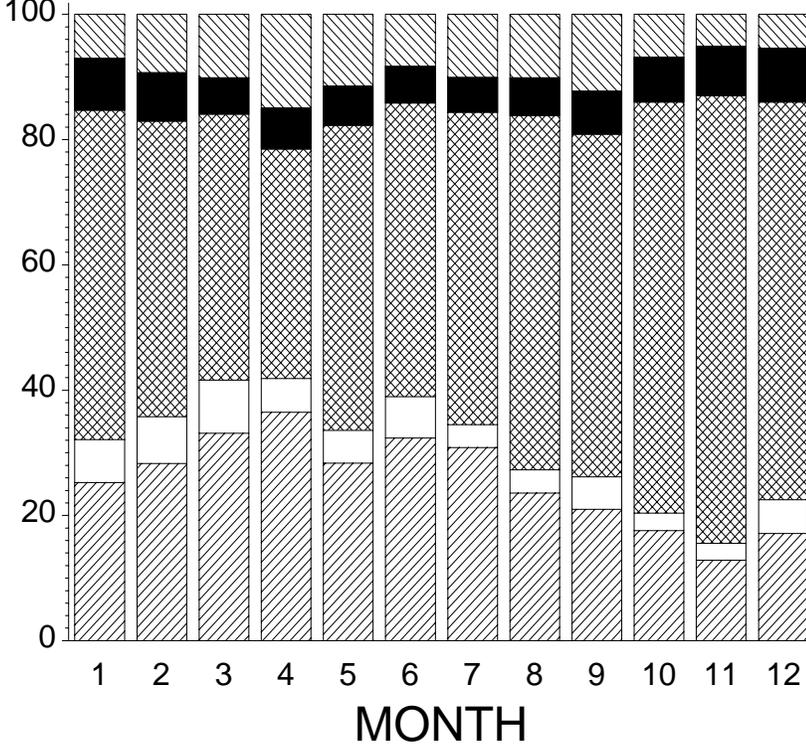
THREE SISTERS WA

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE



NITRATE



ORGANIC



LAC



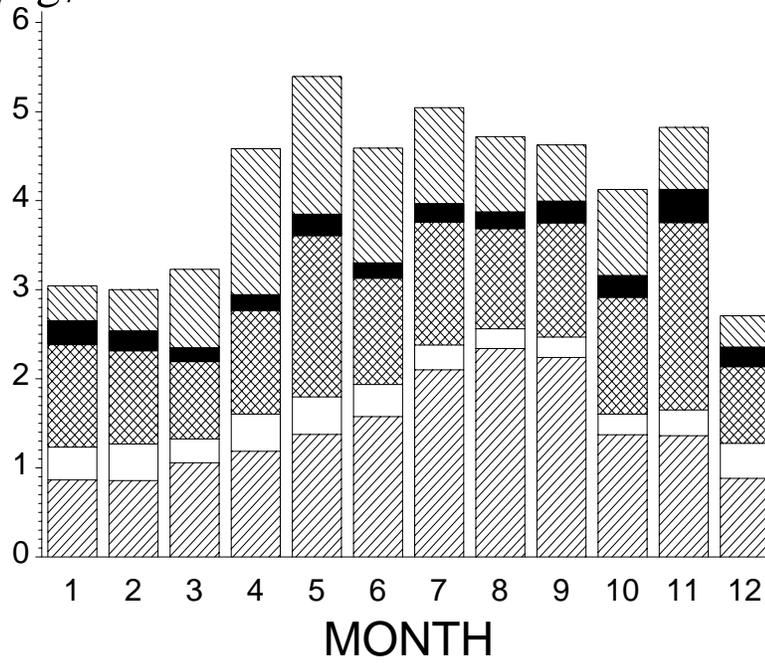
SOIL



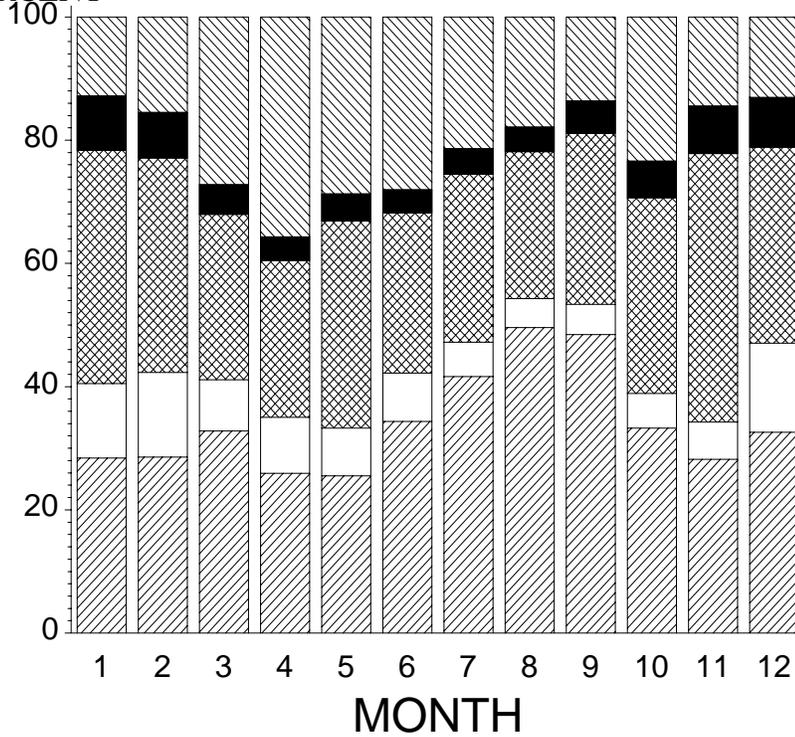
TONTO NM

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE


NITRATE


ORGANIC

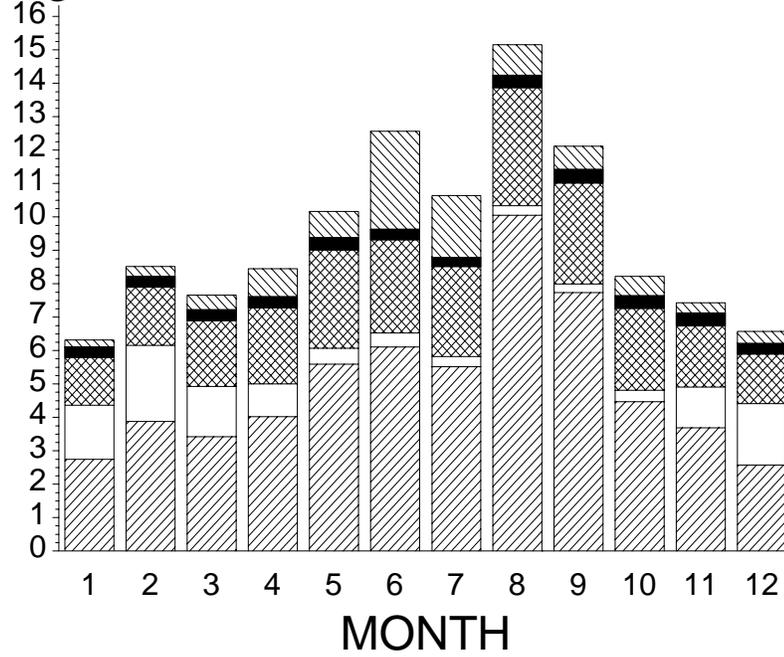

LAC


SOIL

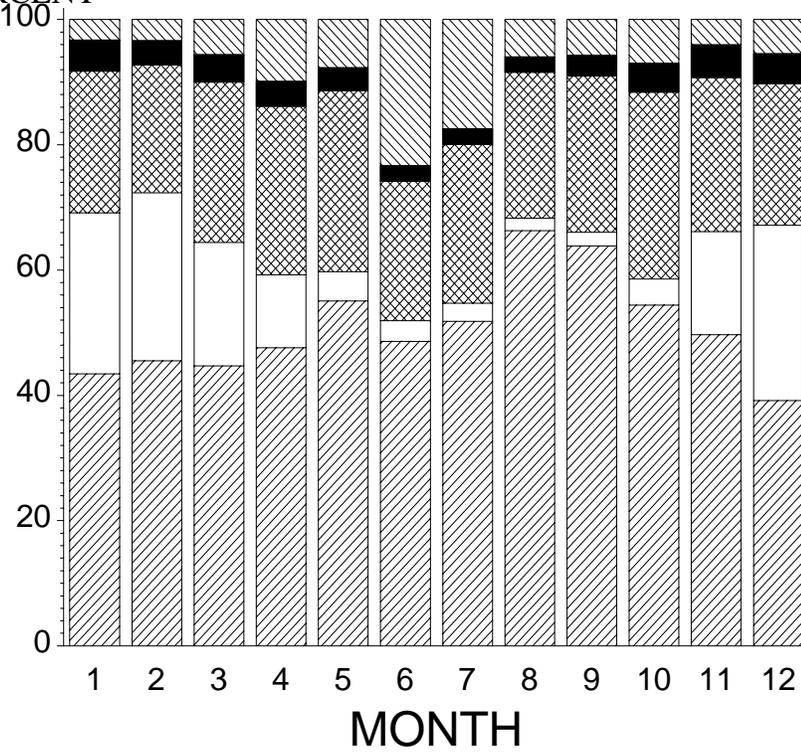

UPPER BUFFALO WA

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE



NITRATE



ORGANIC



LAC

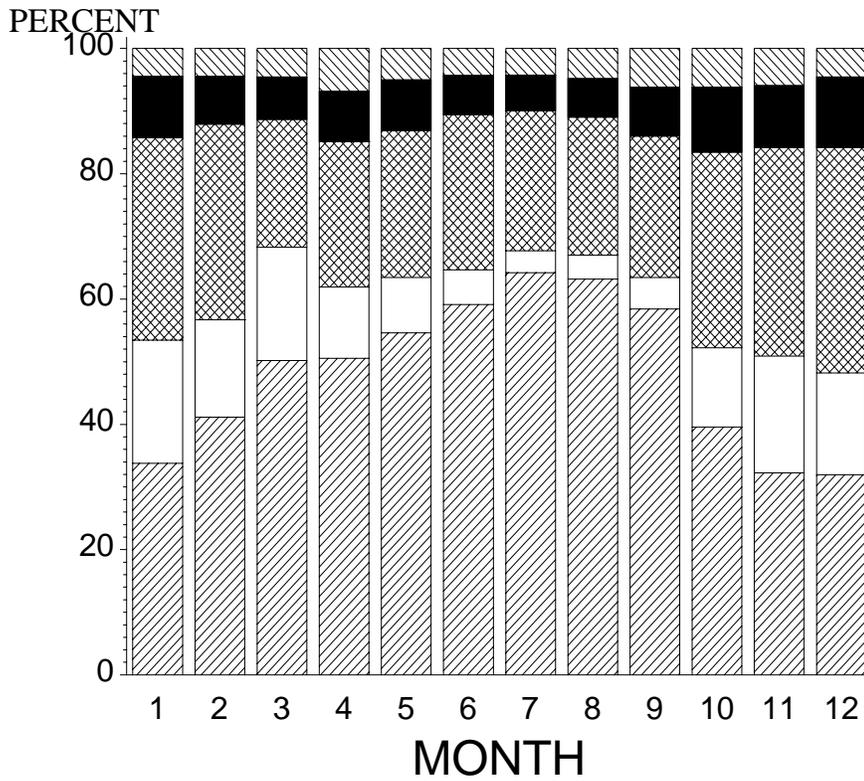
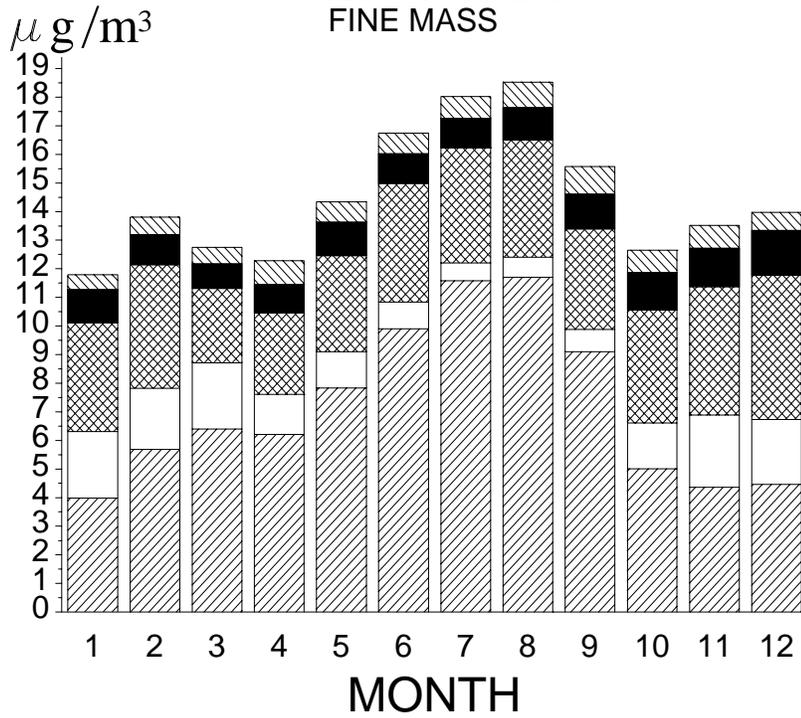


SOIL



WASHINGTON DC

FINE MASS



SULFATE


NITRATE


ORGANIC

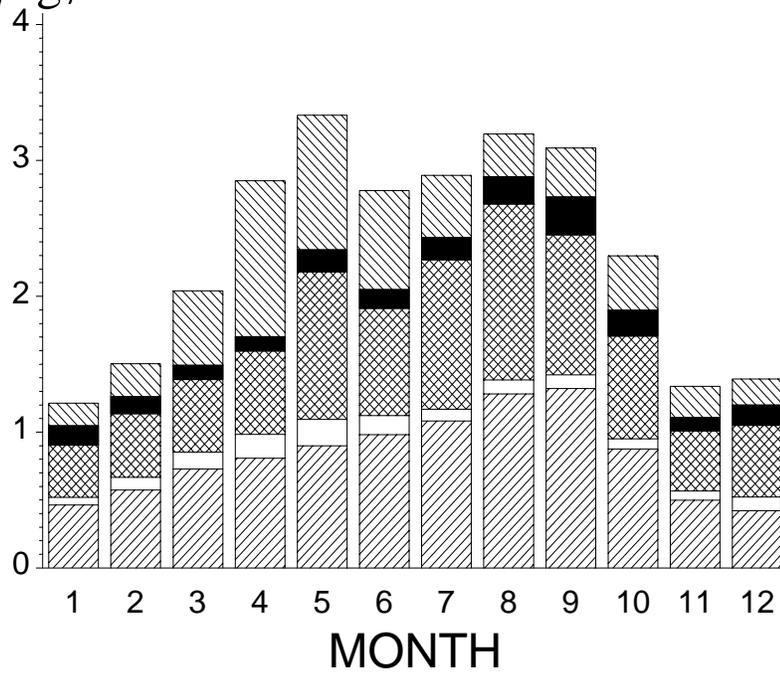

LAC


SOIL

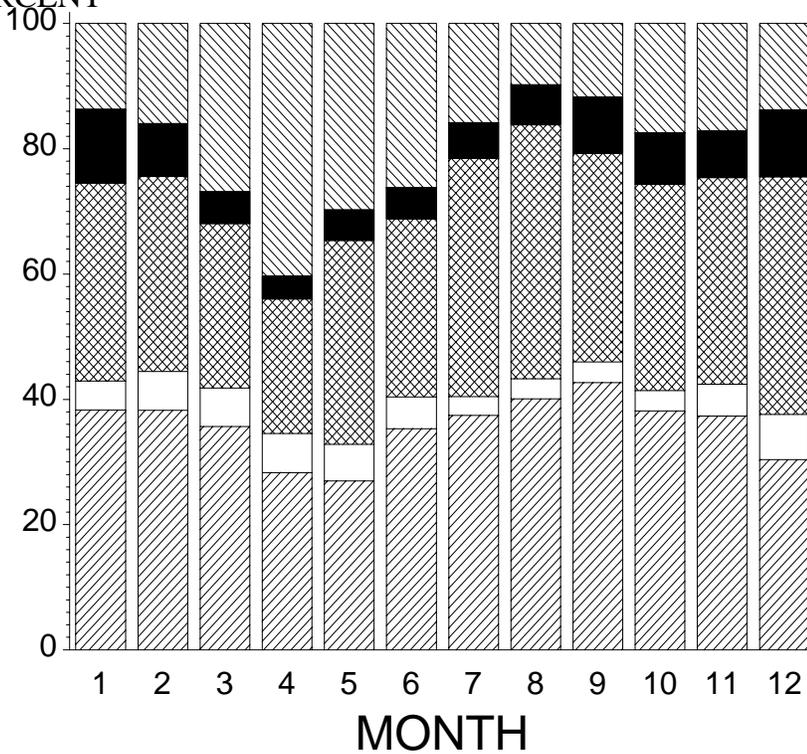

WEMINUICHE WA

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE



NITRATE



ORGANIC



LAC



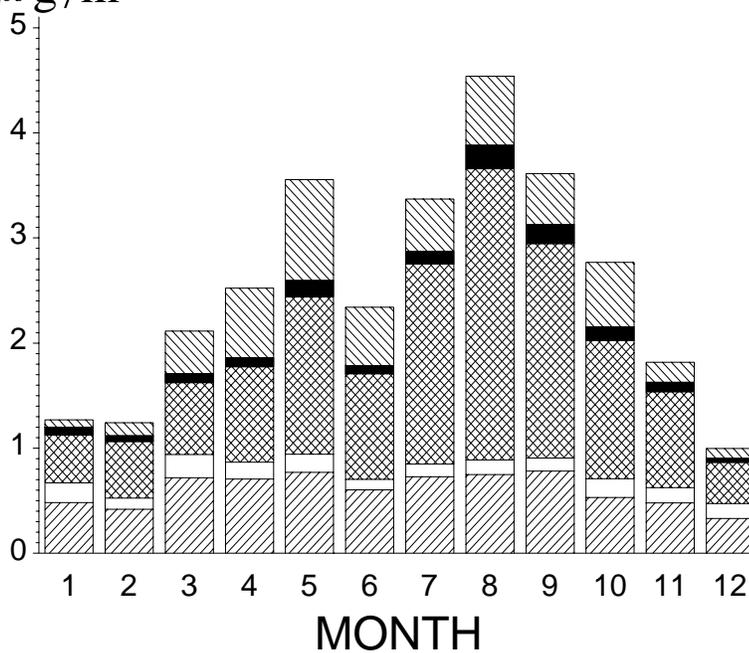
SOIL



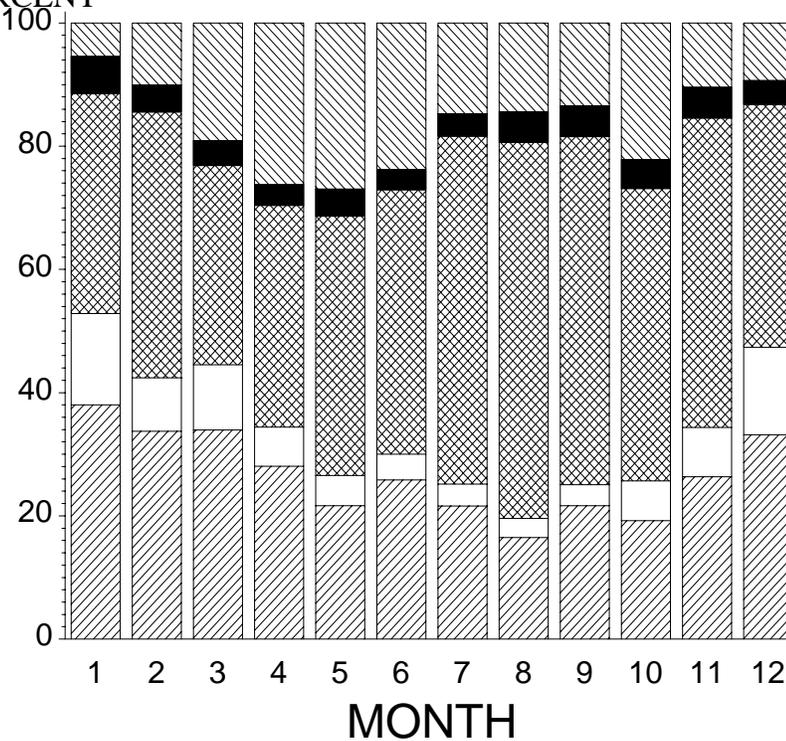
YELLOWSTONE NP

FINE MASS

$\mu\text{g}/\text{m}^3$



PERCENT



SULFATE



NITRATE



ORGANIC



LAC

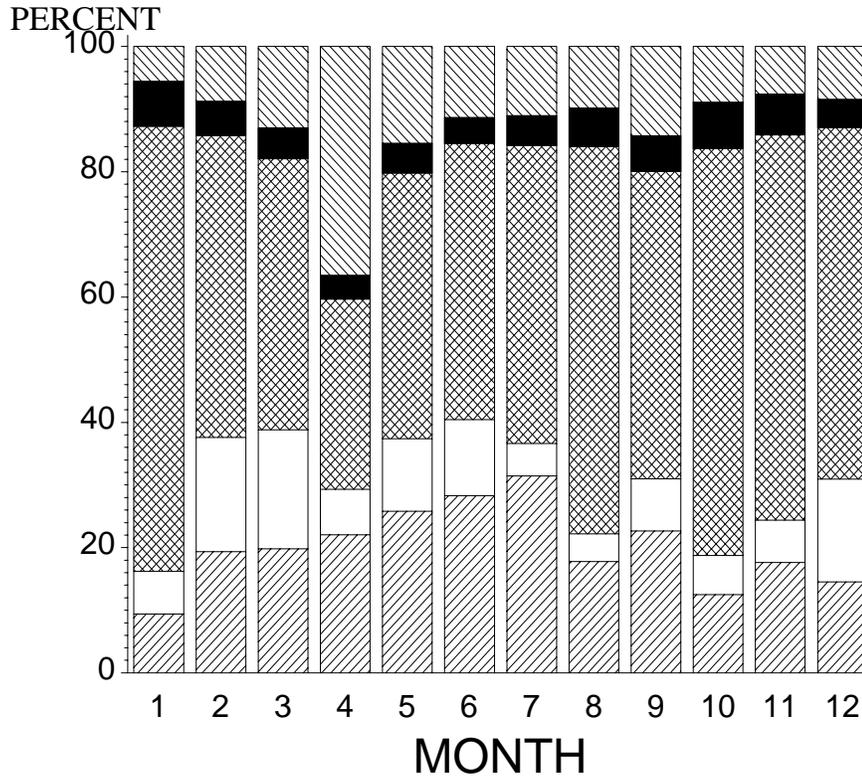
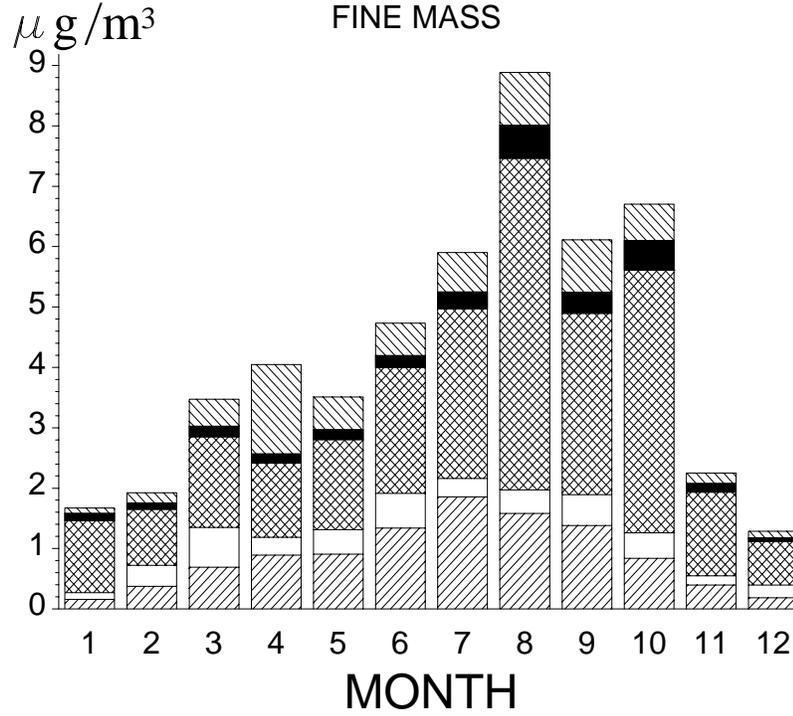


SOIL



YOSEMITE NP

FINE MASS



SULFATE



NITRATE



ORGANIC



LAC



SOIL

