



Argyle Tower: Finding Answers to Transport Problems

```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talkback loaded Ok
gimp: User: gimp@argyle: Connection to :80 broken (explicit kill or server shutdown)
gimp: User: gimp@argyle: Connection to :80 broken (explicit kill or server shutdown)
X connection to :80 broken (explicit kill or server shutdown)
X connection to :80 broken (explicit kill or server shutdown)
X connection to :80 broken (explicit kill or server shutdown)
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X connection to :80 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talkback loaded Ok
Hey : You are in QFA Shutdown
X connection to :80 broken (explicit kill or server shutdown)
```

Overview

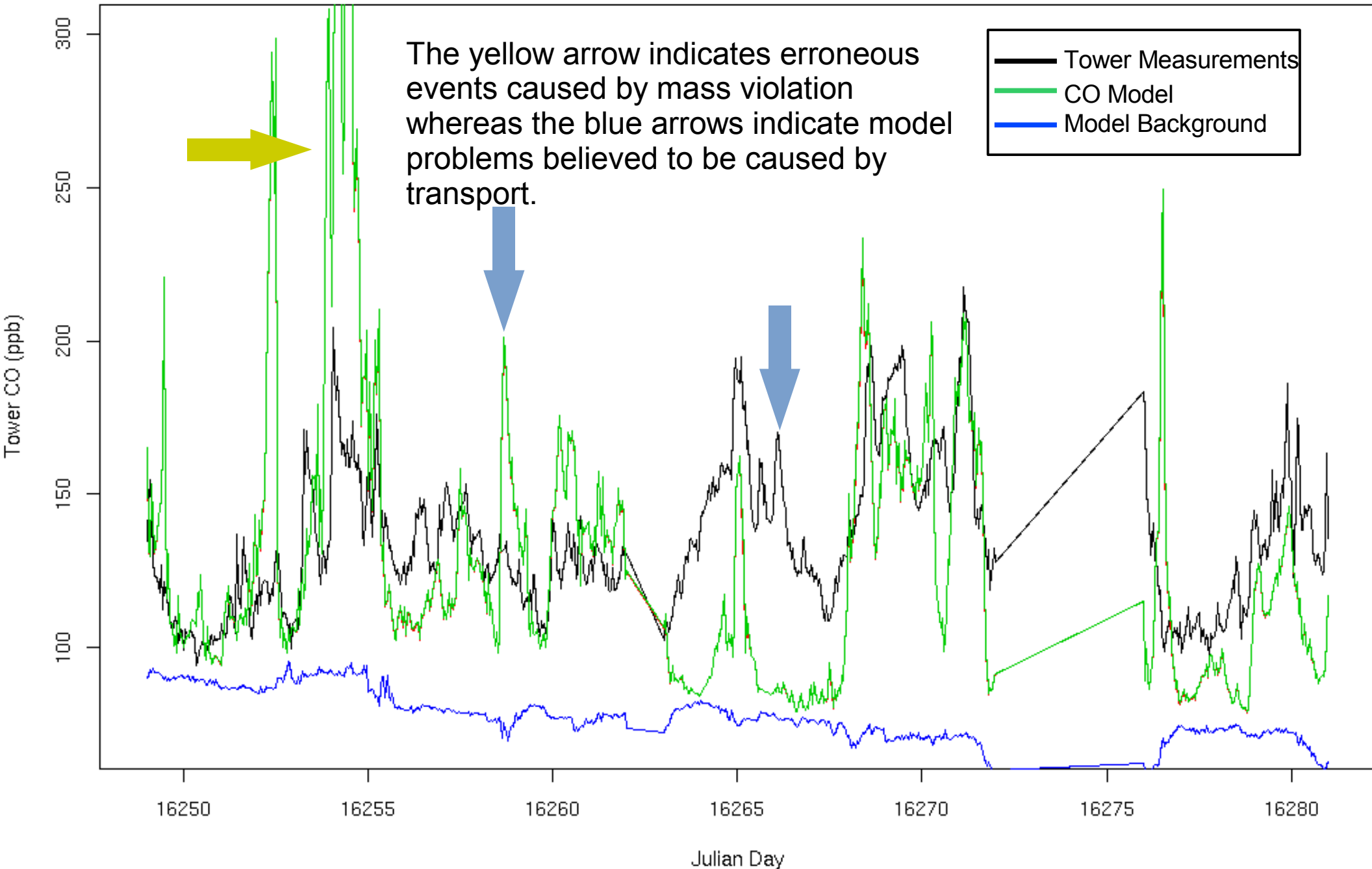


Areas to look for:

- 1) A closer look at the transport problem.
- 2) STILT data points filtered by coastal influence.
- 3) STILT data points filtered by the number of particles entering the coastal domain.

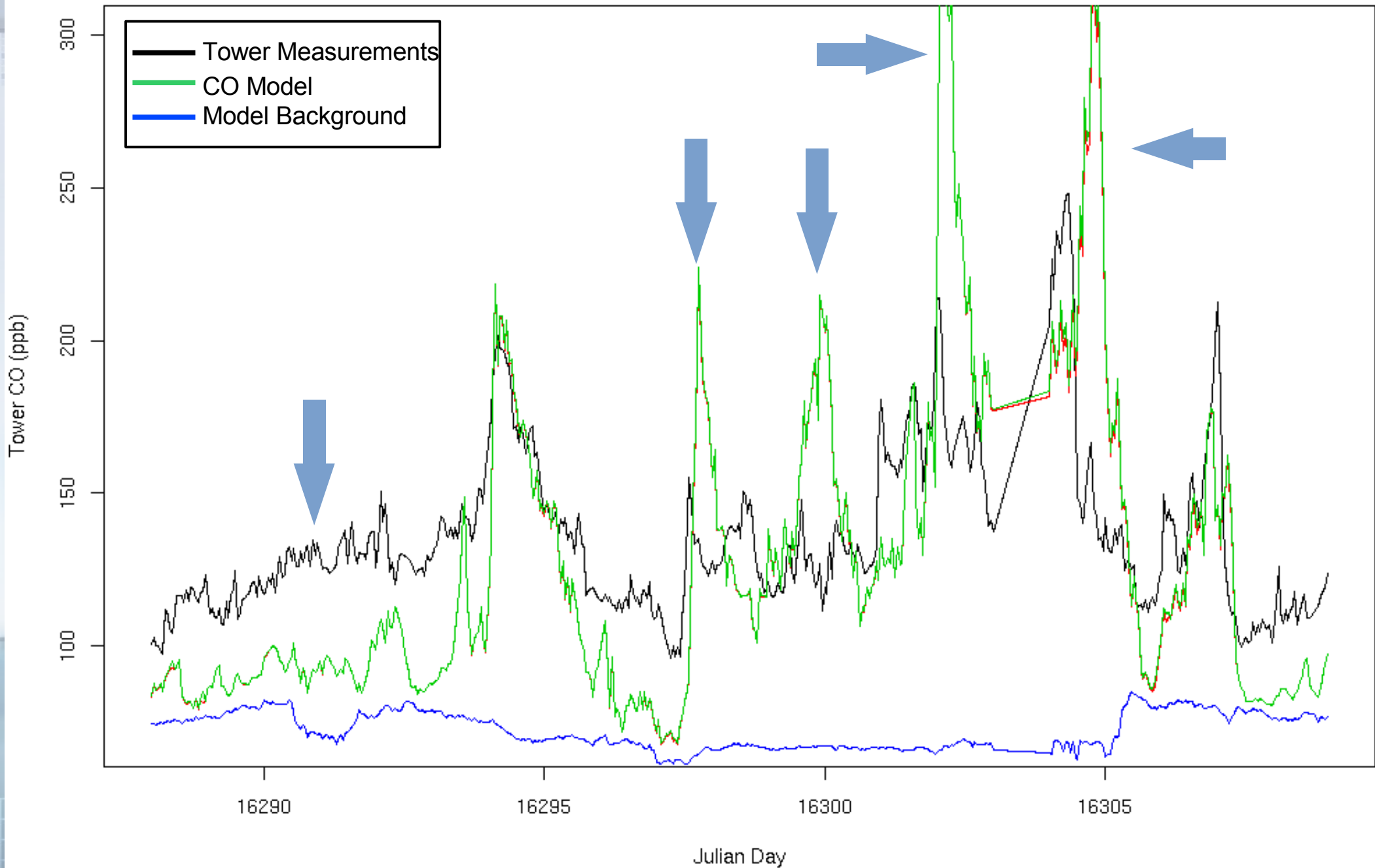
The Brams/Fnl Result, Argyle, ME, July 2004

Argyle CO (BRAMS/FNL)



The Brams/Fnl Result, Argyle, ME, Aug 2004

Argyle CO (BRAMS/FNL)



Explaining Argyle Transport Problems

Filtering Transport

Hypothesis: Filtering out model runs with significant coastal transport will remove the erroneous transport-related spikes in the Argyle model results. Without the erroneous spikes, the resulting model will show a higher correlation coefficient.

Implementation: 1) I created a coastal “curtain”. Any particle on or east of this curtain was deemed to be coastal in nature. I took the trajectory grid and set each coastal point at grid points closest to the ocean but still over land.

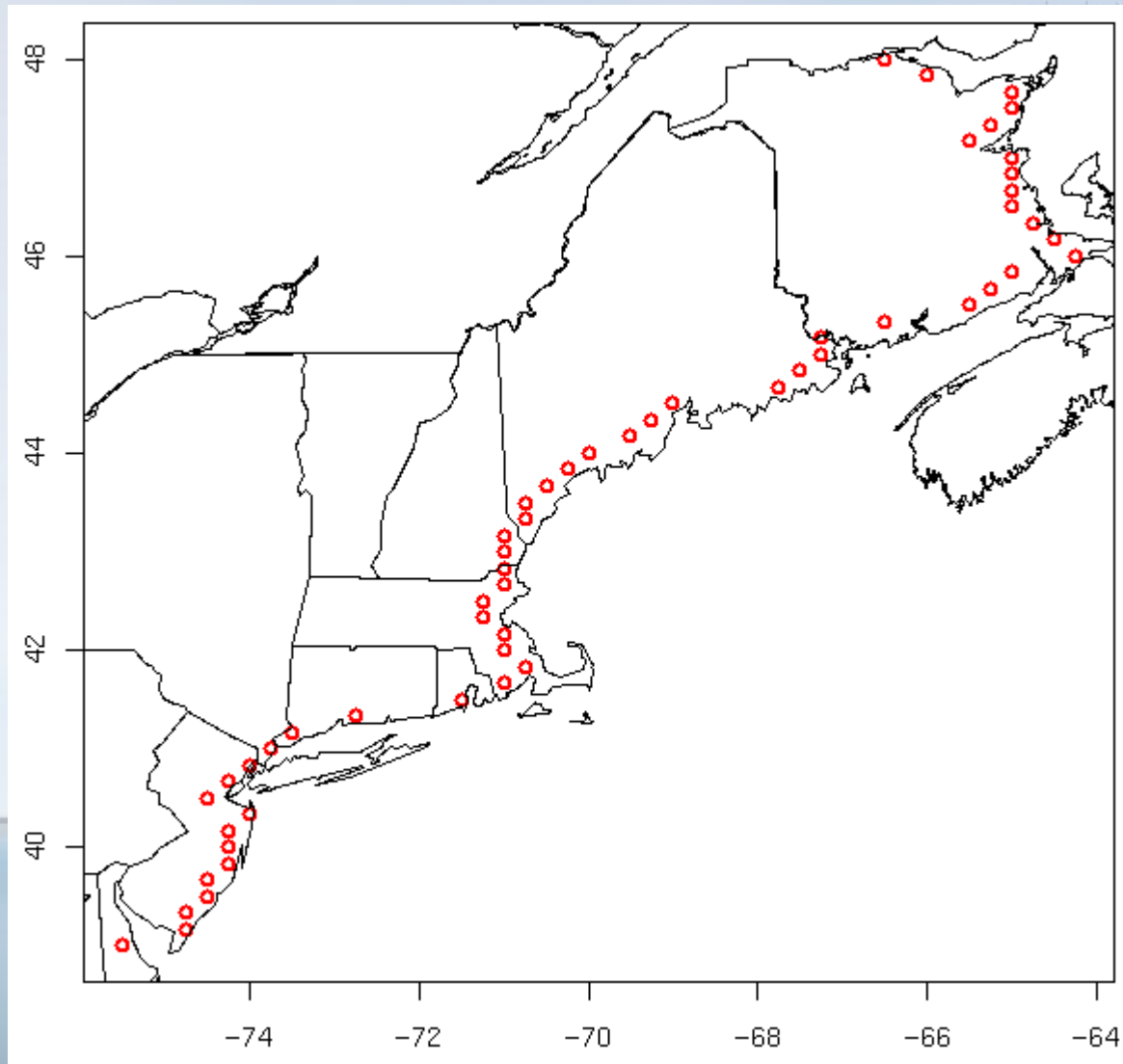
2) I analyzed the data in two ways.

a) Screening runs by coastal influence: I summed the influence of the particles over the coastal domain. Particle runs with a high coastal influence value were then removed.

b) Screening runs by percentage of points that enter coastal domain: This index may be a more accurate indicator. If coastal transport affects particle trajectories beyond the time when they are actually over the ocean, then the number of particles that enter the coastal domain may be more important than the actual influence of that domain.

Explaining Argyle Transport Problems

The Coastal Domain



```
caperunmozilla$ usrlcalnetscapemozilla-bin
MOZILLA FIVEHOME$ usrlcalnetscape
PATH$ usrlcalnetscape$ usrlcalnetscapeCool
PATH$ usrlcalnetscape$ usrlcalnetscapeCool
XPC$ HOME$ usrlcalnetscapeCool
MOZPROGRAM$ usrlcalnetscapemozilla-bin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talkback loaded Ok
4 in homevgnomegimp2patternsnoniskidpng
334 in homevgnomegimp2patternsnotilepng
100 broken (explicit kill or server shutdown)
100 broken (explicit kill or server shutdown)
100 broken (explicit kill or server shutdown)
100 broken (explicit kill or server shutdown)
100 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
caperunmozilla$ usrlcalnetscapemozilla-bin
MOZILLA FIVEHOME$ usrlcalnetscape
PATH$ usrlcalnetscape$ usrlcalnetscapeCool
PATH$ usrlcalnetscape$ usrlcalnetscapeCool
XPC$ HOME$ usrlcalnetscapeCool
MOZPROGRAM$ usrlcalnetscapemozilla-bin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talkback loaded Ok
Hey : You are in QFA Shutdown
100 broken (explicit kill or server shutdown)
```


Explaining Argyle Transport Problems

Coastal Transport

The transport problems seen in Argyle are probably a result of coastal transport. The few erroneous spikes seen in the summer 2004 STILT results for WLEF are almost certainly the result of mass violation. Below is a table of analyzed model times, whether the model was or was not accurate during this time period, a listing of whether transport appeared to be coastal for the particle run, the summed influence of coastal areas, and the number of particles that entered the coastal domain.

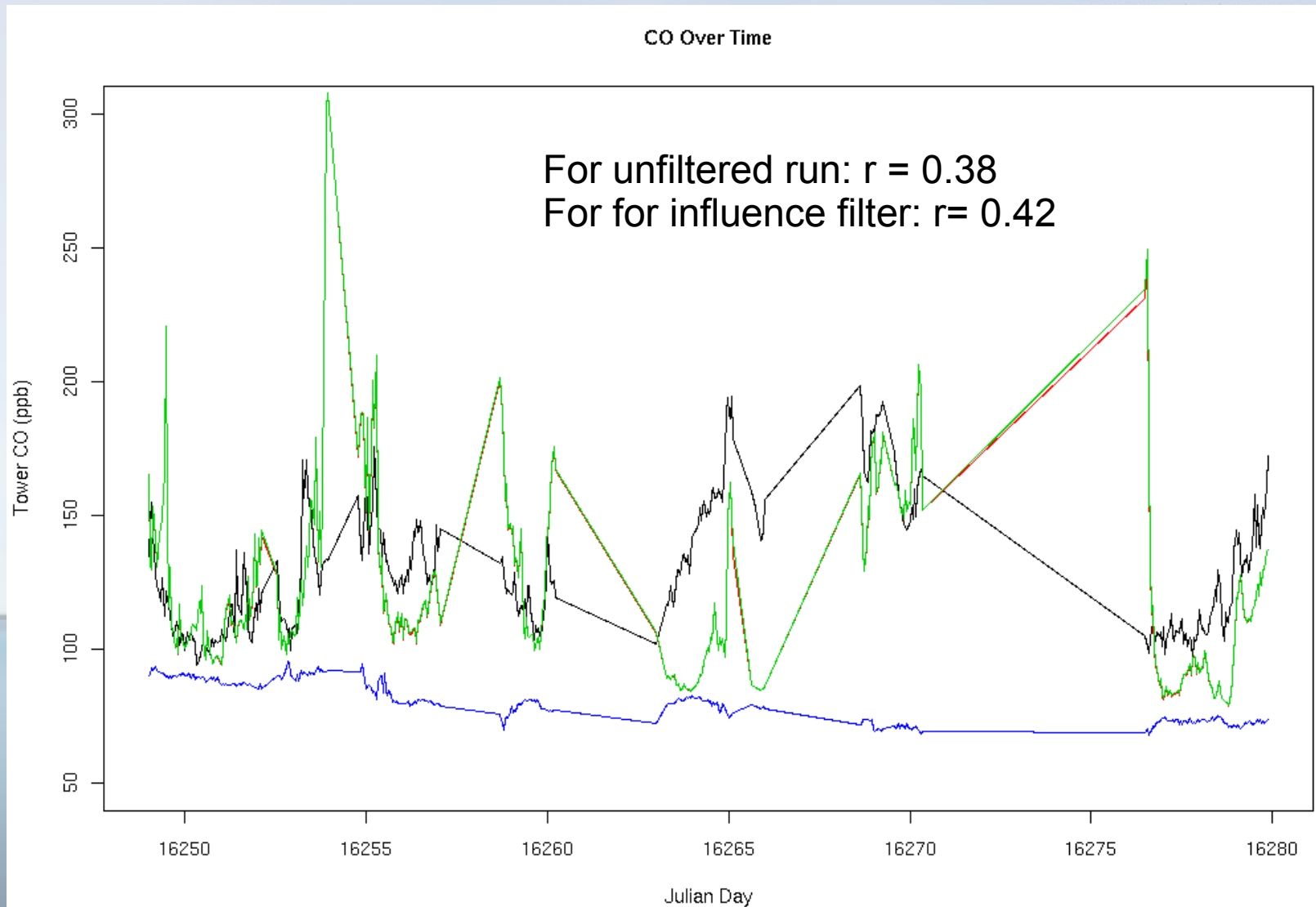
Model Particle Runs and Associated Transport

Julian day	Accuracy of model results	Is transport qualitatively coastal?	Total influence of coastal domain	Number of particles that enter coastal domain
16254.50	Poor	Yes	544	100%
16258.66	Poor	Yes	141	34%
16265.75	Poor	Yes	210	100%
16270.00	Good	No	673	38%
16291.00	Poor	Yes	293	100%
16294.33	Good	Yes	196	100%
16297.75	Poor	Yes	75	73%
16300.00	Poor	Unclear	95	73%
16302.125	Poor	Yes	534	100%
16306.875	Good	Unclear	78	53%
16304.75	Poor	Yes	448	100%

Filtered Argyle Results

Influence Filter

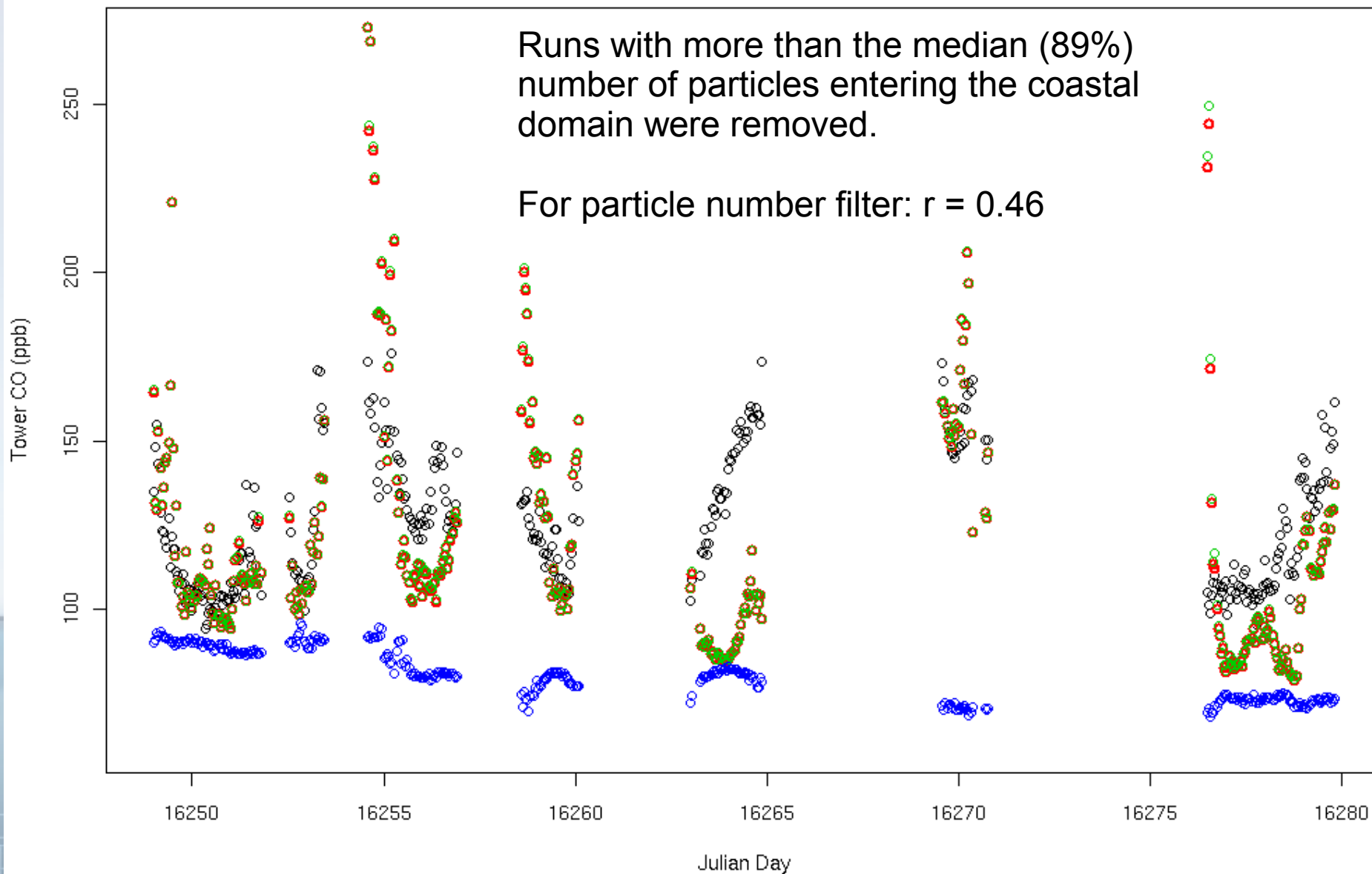
The mean coastal influence at Argyle was 223. All particle runs with influence greater than the mean were removed below.



Filtered Argyle Results

Particle Number Filter

CO Over Time



ozilabin
escape
apeCool
apeCool
apeCool
apeCool
apeCool
apeCool
TOOLKIT
debug0
debugger
initialize
Startup
aded Ok
skidpng
artlepng
(tdown)
(tdown)
(tdown)
(tdown)
(tdown)
(tdown)
(tdown)
(tdown)
ozilabin
escape
apeCool
apeCool
apeCool
apeCool
apeCool
TOOLKIT
debug0
debugger
initialize
Startup
aded Ok
(tdown)

What Does It All Mean?

Conclusions



- Filtering out coastal points did not substantially improve the model performance.
- The transport errors are probably coastal-related because they don't exist at WLEF.
- Eliminating coastal points probably did not improve model performance because the filter removed many good points as well as bad ones.

Appendix

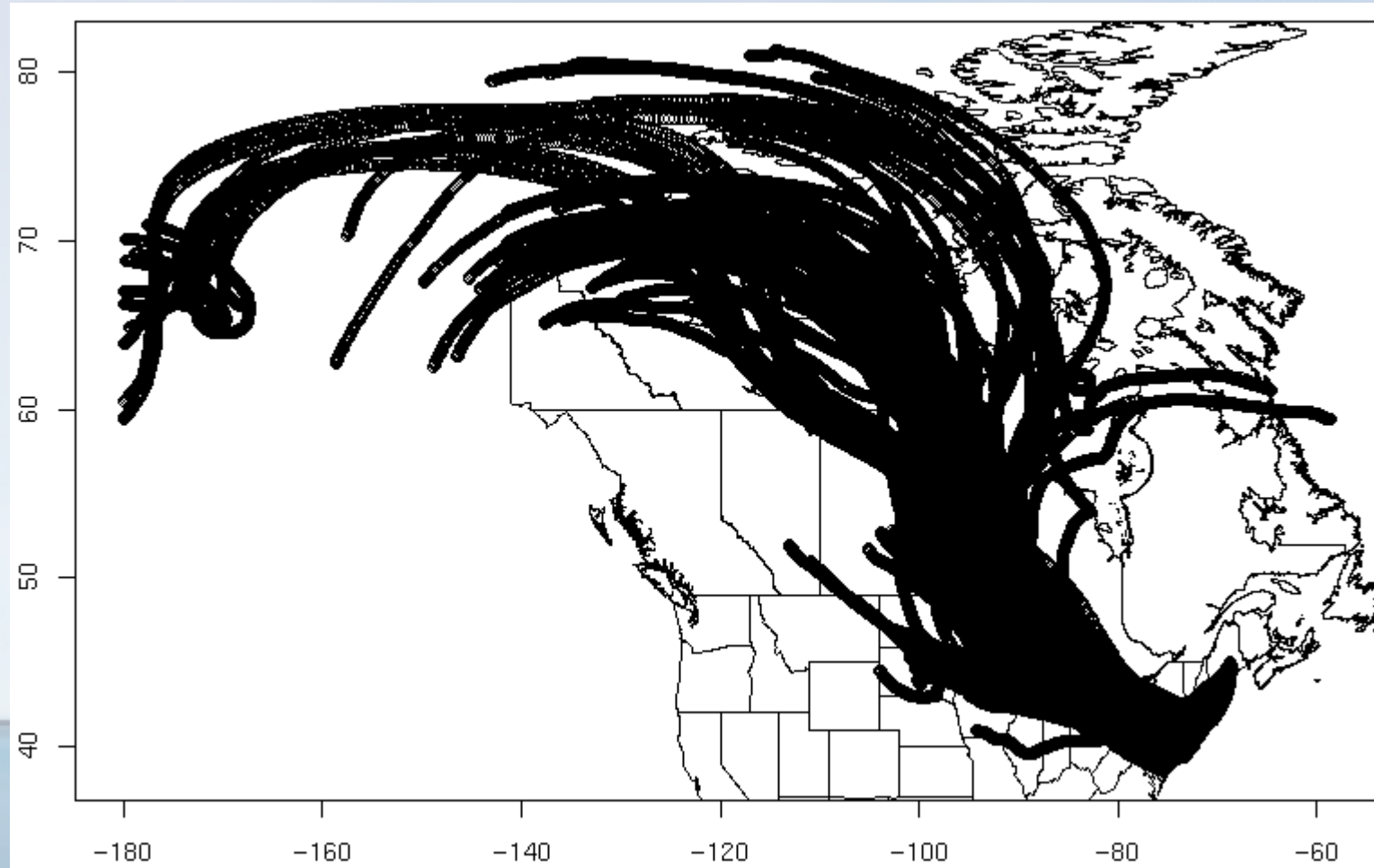
Case Studies

The following slides are a closer look at all of the points listed in the table on slide 7. They are appended in case anyone wants to make an attempt at discerning transport or meteorological trends that I might have missed. Many of the erroneous points were characterized not only by coastal transport but also by a front close to or over the receptor. It appears unlikely that the presence of fronts would be the cause of transport problems because passing fronts don't appear to cause problems in the summer 2004 WLEF model runs.

```
usrlocalnetscaperunmozilla usrlocalnetscapemozilla  
MOZILLAHOMEusrlocalnetscape  
LIBRARYPATHusrlocalnetscape/usrlocalnetscapeCool  
LIBPATHusrlocalnetscape/usrlocalnetscapeCool  
SHLIBPATHusrlocalnetscape/usrlocalnetscapeCool  
XPCSHOMEusrlocalnetscapeCool  
MOZPROGRAMusrlocalnetscapemozilla  
MOZTOOLKIT  
mozdebug0  
mozdebugger  
I am inside the initialize  
Hey : You are in QFA Startup  
loaded Ok  
gimp: Unkown powerline: error: could not find image: imagepartition.png  
kiddpng  
epng  
(server shutdown)  
(server shutdown)  
(server shutdown)  
(server shutdown)  
(server shutdown)  
X connection to :00 broken (explicit kill or server shutdown)  
are in QFA Shutdown  
usrlocalnetscape/usrlocalnetscapemozilla  
usrlocalnetscape/usrlocalnetscapeCool  
LIBRARYPATHusrlocalnetscape/usrlocalnetscapeCool  
LIBPATHusrlocalnetscape/usrlocalnetscapeCool  
SHLIBPATHusrlocalnetscape/usrlocalnetscapeCool  
XPCSHOMEusrlocalnetscapeCool  
MOZPROGRAMusrlocalnetscapemozilla  
MOZTOOLKIT  
mozdebug0  
mozdebugger  
I am inside the initialize  
Hey : You are in QFA Startup  
(QFA)Talkback loaded Ok  
Hey : You are in QFA Shutdown  
X connection to :00 broken (explicit kill or server shutdown)
```

Appendix

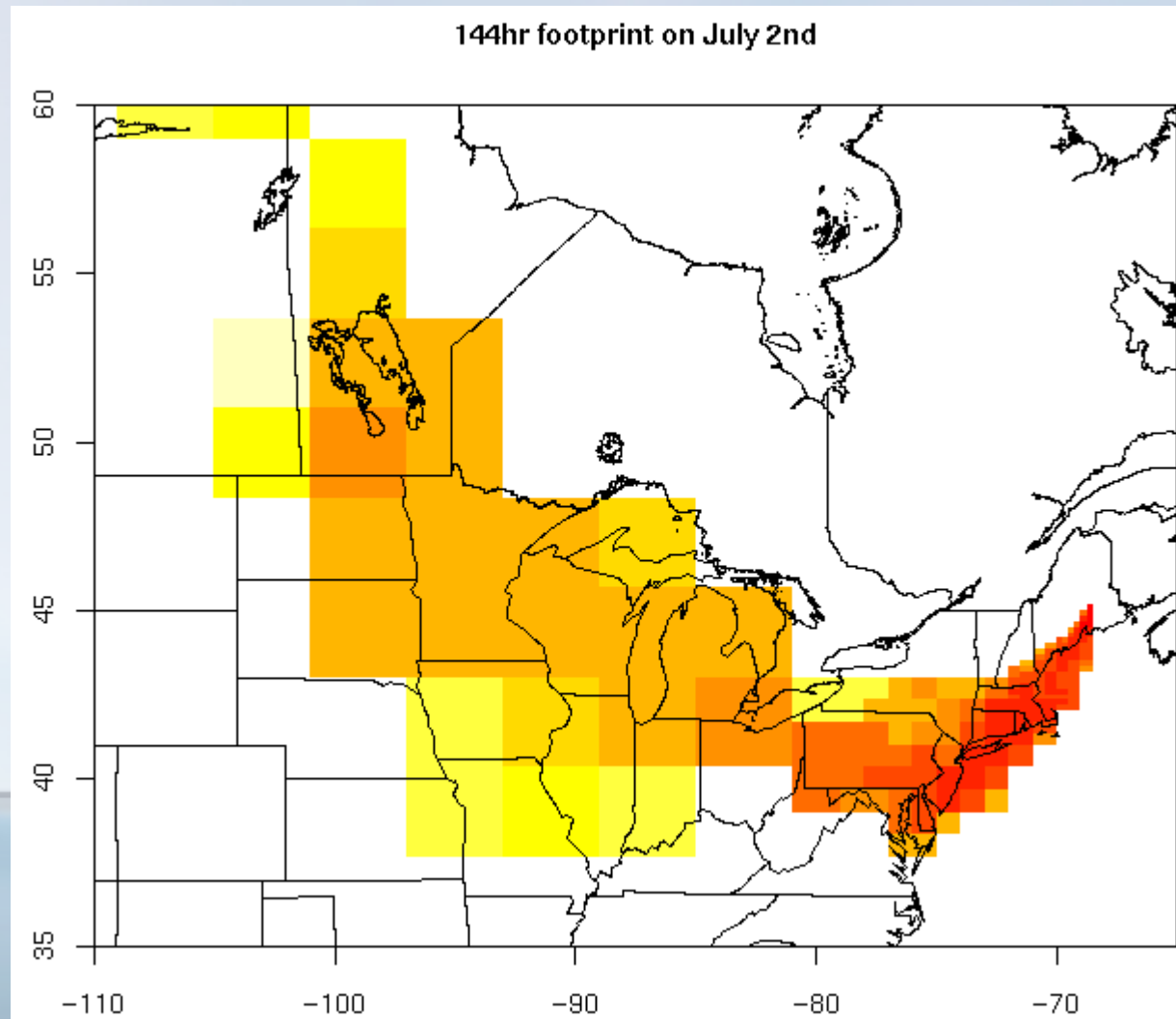
Julian Day 16254.50



This is one of the erroneous spikes most likely caused by mass violation from the fnl metdriver.

Appendix

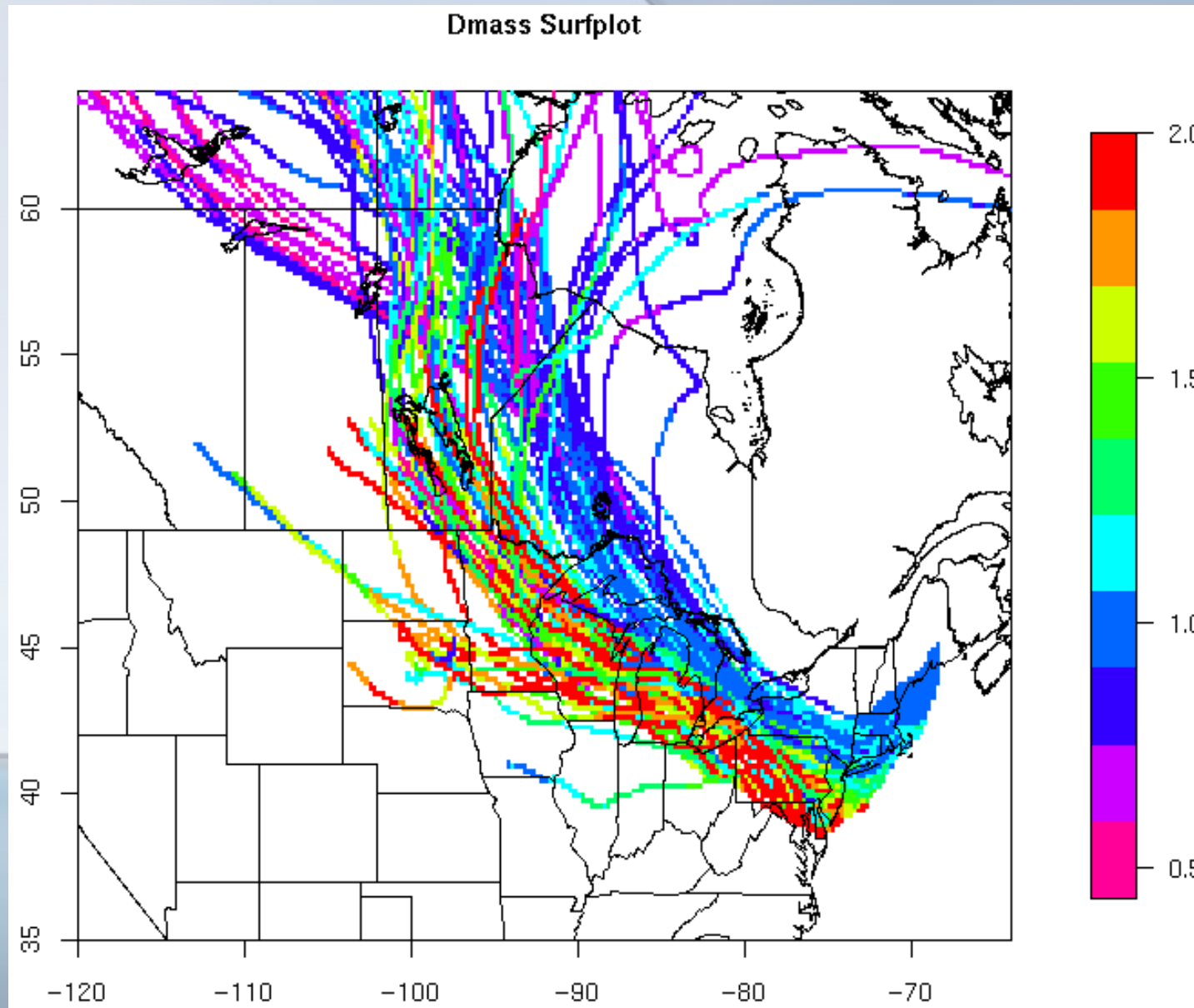
Julian Day 16254.50



```
usrlocalnetscapermozilla$ usrlocalnetscapemozillabin
MOZILLA_FIVE_HOMEusrlocalnetscape
rlocalnetscape:usrlocalnetscapeCool
rlocalnetscape:usrlocalnetscapeCool
rlocalnetscape:usrlocalnetscapeCool
XPC5HOMEusrlocalnetscapeCool
ZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
nevgnomegimpipatternsnonskipng
omevgnomegimpipatternsmottlepng
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ten (explicit kill or server shutdown)
ten (explicit kill or server shutdown)
ten (explicit kill or server shutdown)
ten (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
mozilla$ usrlocalnetscapemozillabin
MOZILLA_FIVE_HOMEusrlocalnetscape
rlocalnetscape:usrlocalnetscapeCool
rlocalnetscape:usrlocalnetscapeCool
rlocalnetscape:usrlocalnetscapeCool
XPC5HOMEusrlocalnetscapeCool
ZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
ten (explicit kill or server shutdown)
```


Appendix

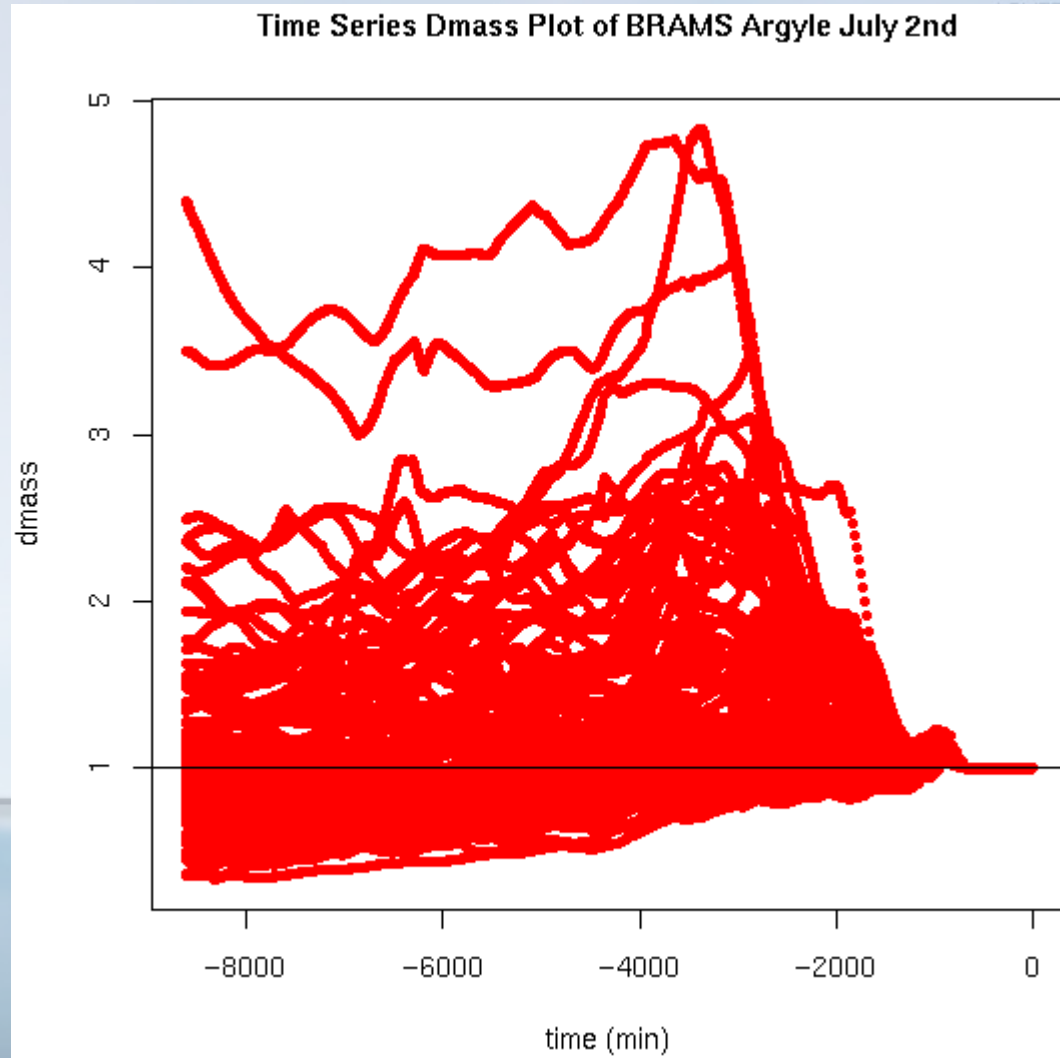
Julian Day 16254.50



```
usrlocalnetscapemozilla  
RIVEHOMEusrlocalnetscape  
scape:usrlocalnetscapeCool  
scape:usrlocalnetscapeCool  
HOMEusrlocalnetscapeCool  
usrlocalnetscapemozilla  
MOZTOOLKIT  
mozdebug0  
mozdebugger  
I am inside the initialize  
ey : You are in QFR Startup  
(QFR)Talk-back loaded Ok  
egimp@patternsnonskidpng  
egimp@patternsnottlepng  
cit kill or server shutdown)  
cit kill or server shutdown)  
cit kill or server shutdown)  
cit kill or server shutdown)  
cit kill or server shutdown)  
; You are in QFR Shutdown  
usrlocalnetscapemozilla  
RIVEHOMEusrlocalnetscape  
scape:usrlocalnetscapeCool  
scape:usrlocalnetscapeCool  
scape:usrlocalnetscapeCool  
HOMEusrlocalnetscapeCool  
usrlocalnetscapemozilla  
MOZTOOLKIT  
mozdebug0  
mozdebugger  
I am inside the initialize  
ey : You are in QFR Startup  
(QFR)Talk-back loaded Ok  
; You are in QFR Shutdown  
cit kill or server shutdown)
```

Appendix

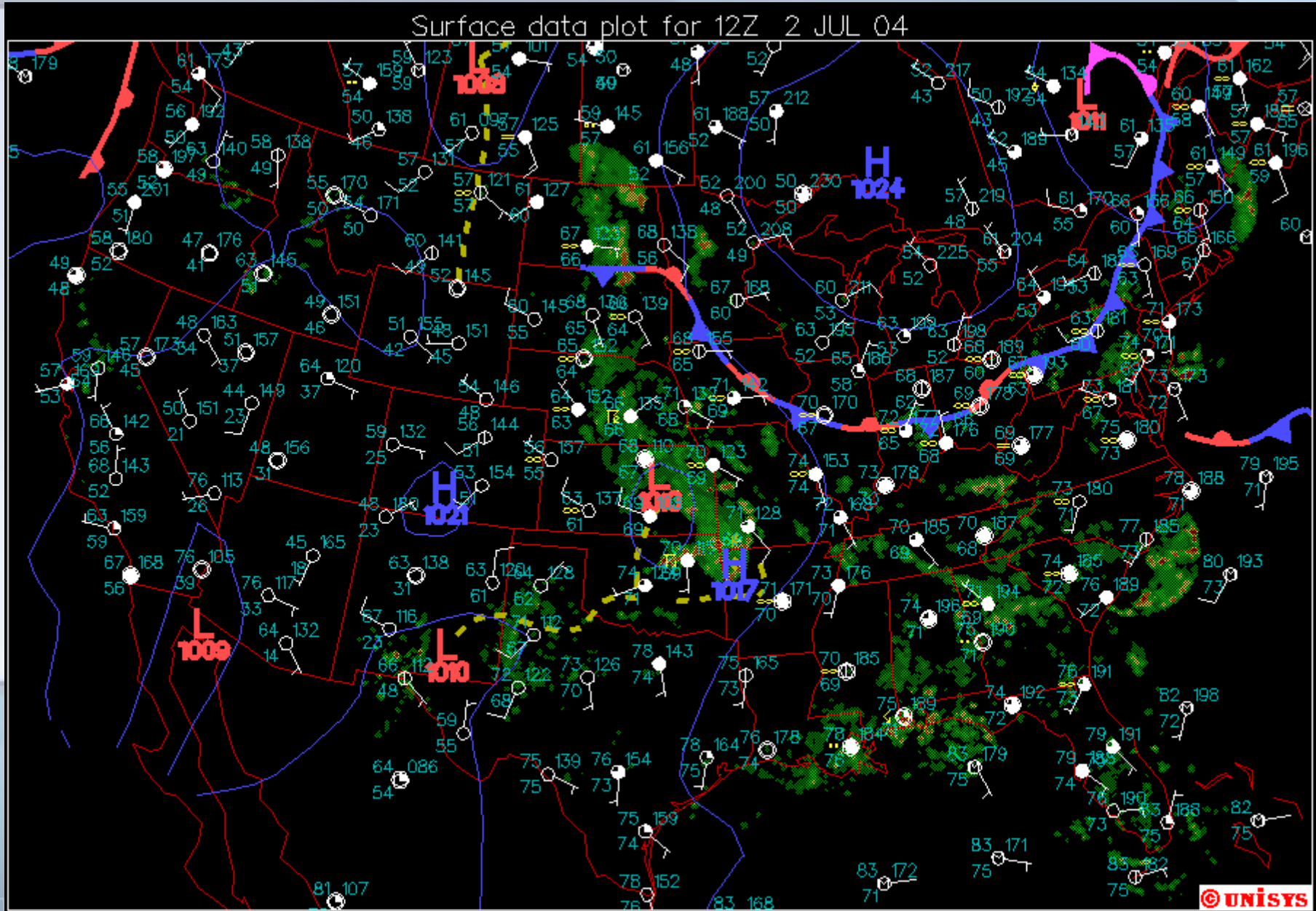
Julian Day 16254.50



```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
RYPATHusrlocalnetscape/usrlocalnetscapeCool
IBPATHusrlocalnetscape/usrlocalnetscapeCool
IBPATHusrlocalnetscape/usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
834 in homevgnomegimpipatternsnonskip.png
5834 in homevgnomegimpipatternsmottlep.png
0 :00 broken (explicit kill or server shutdown)
0 :00 broken (explicit kill or server shutdown)
0 :00 broken (explicit kill or server shutdown)
0 :00 broken (explicit kill or server shutdown)
0 :00 broken (explicit kill or server shutdown)
0 :00 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
scaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
RYPATHusrlocalnetscape/usrlocalnetscapeCool
IBPATHusrlocalnetscape/usrlocalnetscapeCool
IBPATHusrlocalnetscape/usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
0 :00 broken (explicit kill or server shutdown)
```

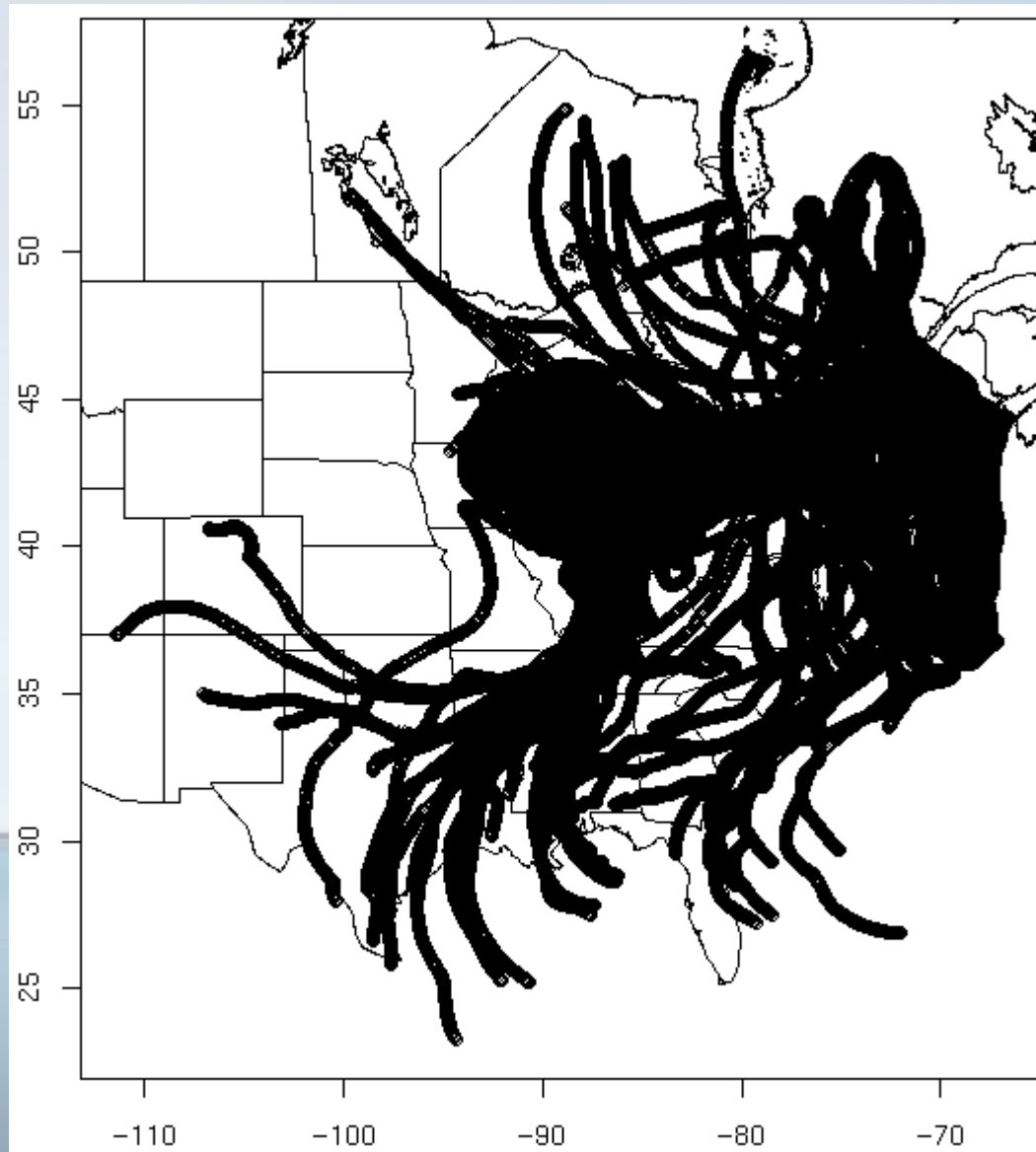
Appendix

Julian Day 16254.50



Appendix

Julian Day 16258.66

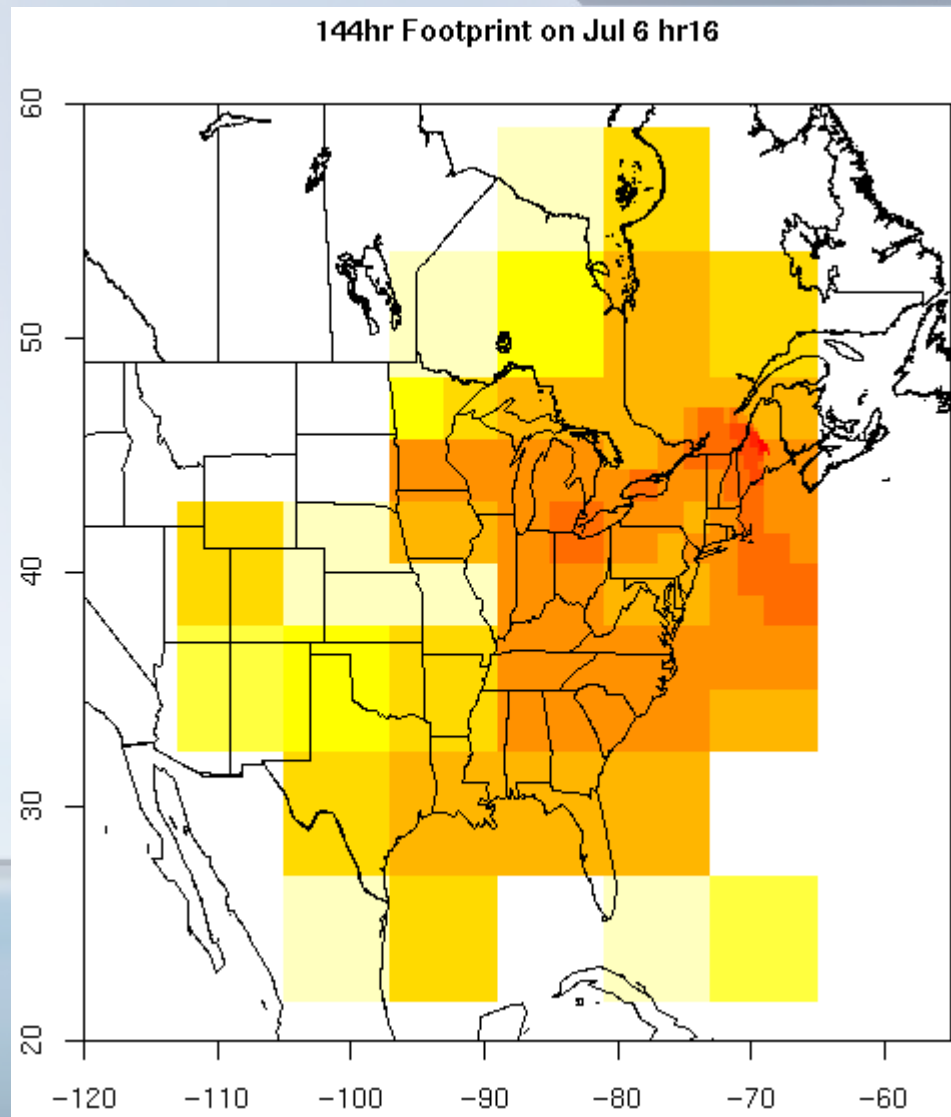


This case study comes from a particle run with erroneous results most likely produced by transport error.

```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape/usrlocalnetscapeCool
LIBPATHusrlocalnetscape/usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape/usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded OK
Hey : You are in QFA Shutdown
X connection to :00 broken (explicit kill or server shutdown)
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape/usrlocalnetscapeCool
LIBPATHusrlocalnetscape/usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape/usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded OK
Hey : You are in QFA Shutdown
X connection to :00 broken (explicit kill or server shutdown)
```


Appendix

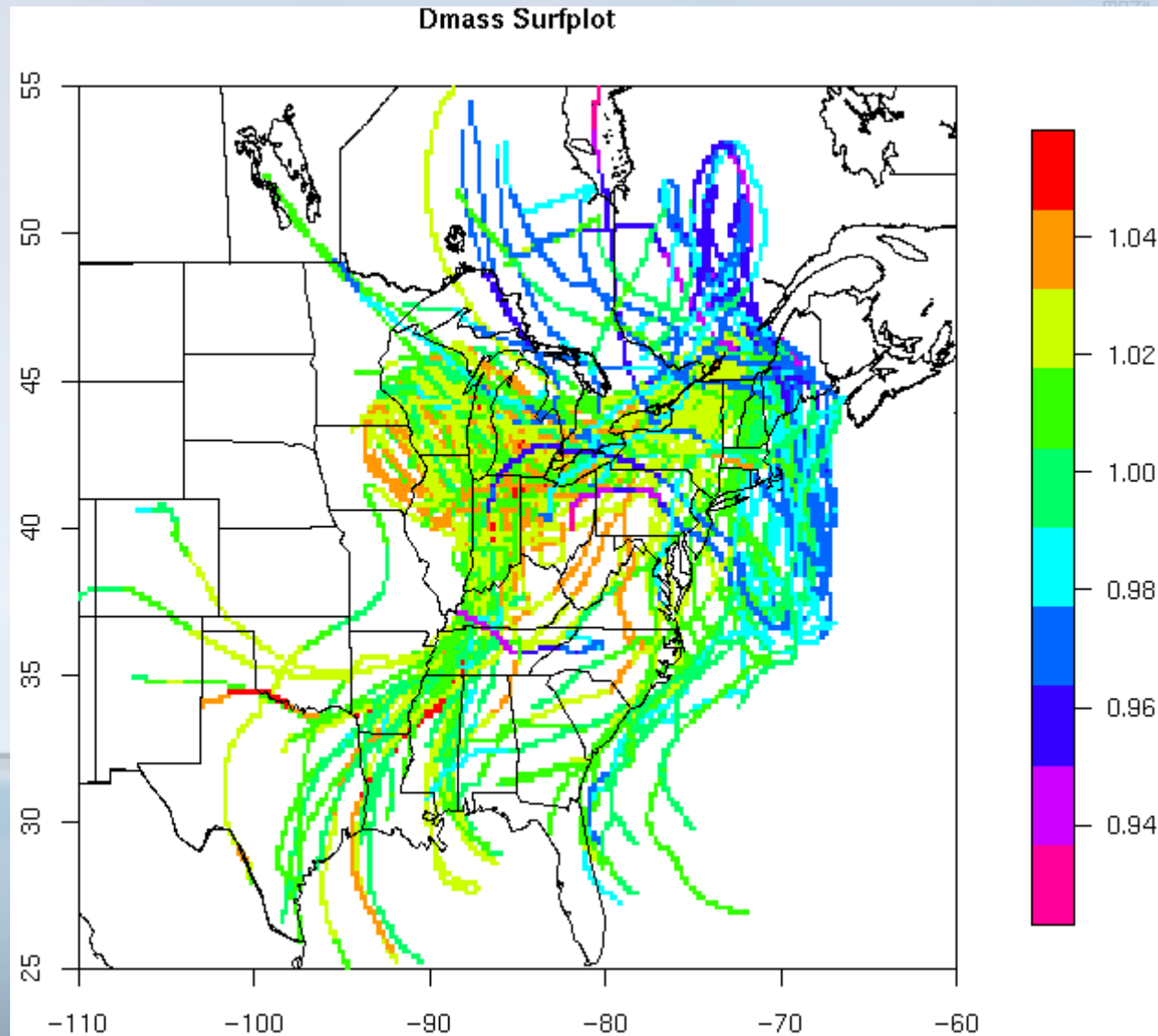
Julian Day 16258.66



```
alnetscaperunmozillash usrlocalnetscapemozillabin  
MOZILLAHOMEusrlocalnetscape  
LIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool  
LIBPATHusrlocalnetscape:usrlocalnetscapeCool  
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool  
XPCSHOMEusrlocalnetscapeCool  
MOZPROGRAMusrlocalnetscapemozillabin  
MOZTOOLKIT  
mozdebug0  
mozdebugger  
I am inside the initialize  
Hey : You are in QFA Startup  
(QFA)Talk-back loaded Ok  
1765834 in homevgnomegimpipatternsnonskipng  
1765834 in homevgnomegimpipatternsmottlepng  
ion to :00 broken (explicit kill or server shutdown)  
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ion to :00 broken (explicit kill or server shutdown)  
Hey : You are in QFA Shutdown  
alnetscaperunmozillash usrlocalnetscapemozillabin  
MOZILLAHOMEusrlocalnetscape  
LIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool  
LIBPATHusrlocalnetscape:usrlocalnetscapeCool  
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool  
XPCSHOMEusrlocalnetscapeCool  
MOZPROGRAMusrlocalnetscapemozillabin  
MOZTOOLKIT  
mozdebug0  
mozdebugger  
I am inside the initialize  
Hey : You are in QFA Startup  
(QFA)Talk-back loaded Ok  
Hey : You are in QFA Shutdown  
ion to :00 broken (explicit kill or server shutdown)
```

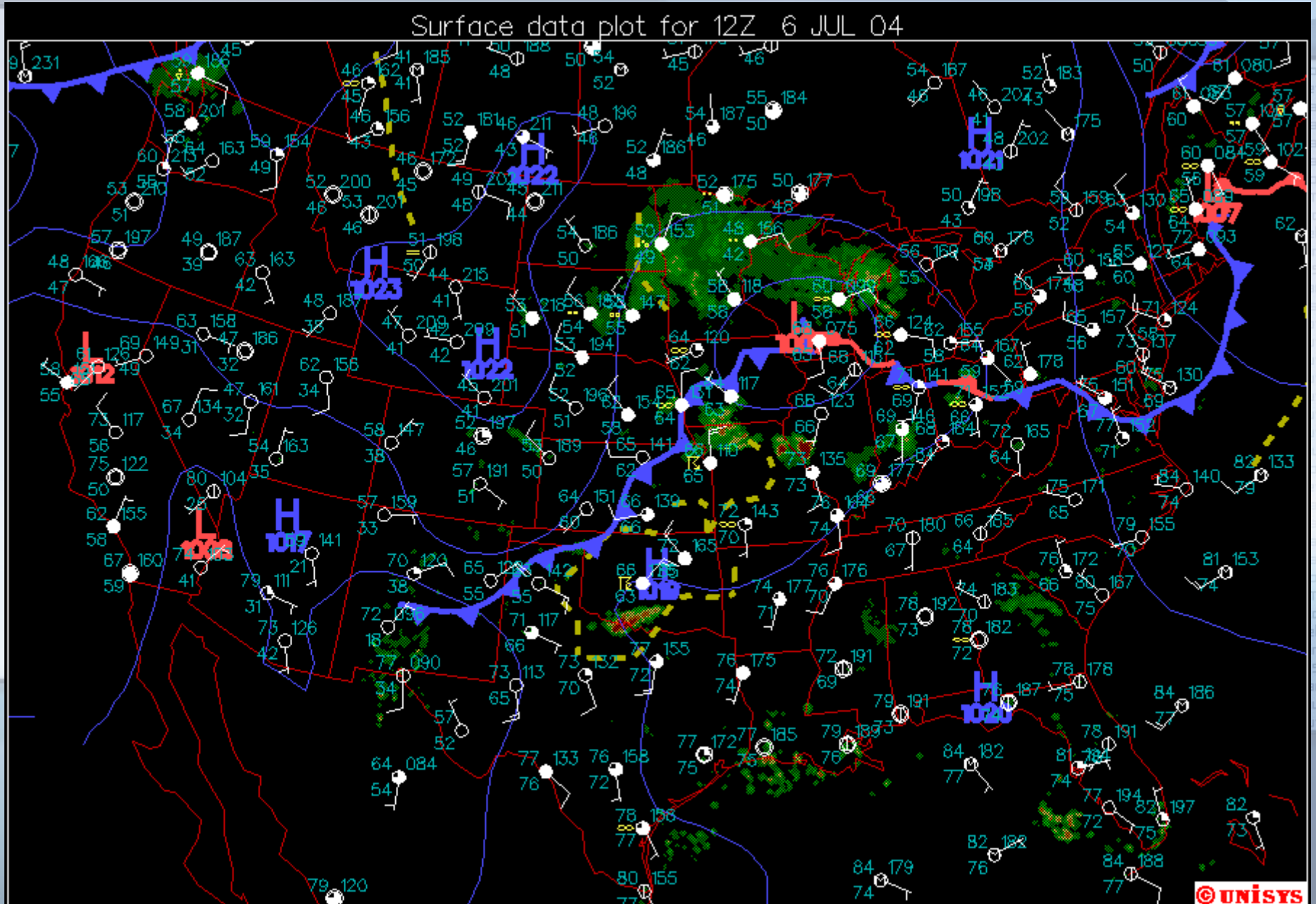

Appendix

Julian Day 16258.66



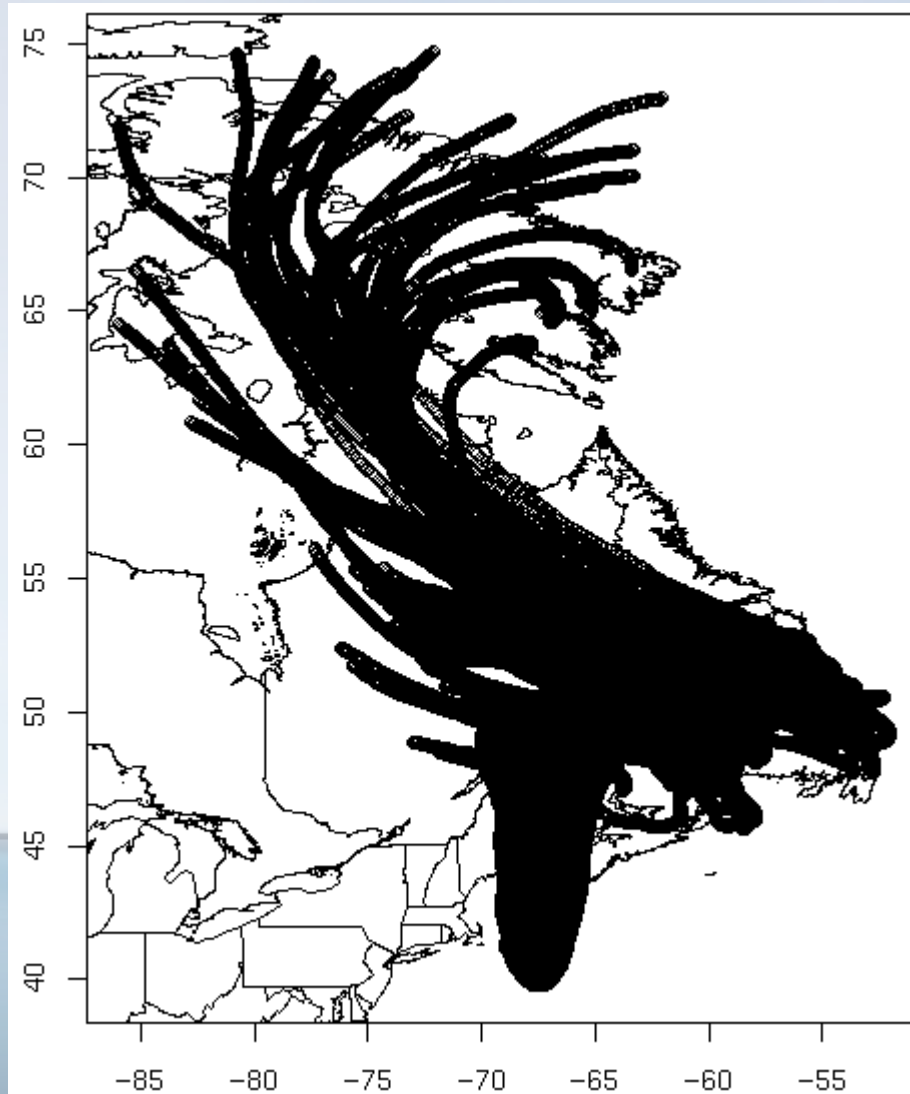
Appendix

Julian Day 16258.66



Appendix

Julian Day 16265.75

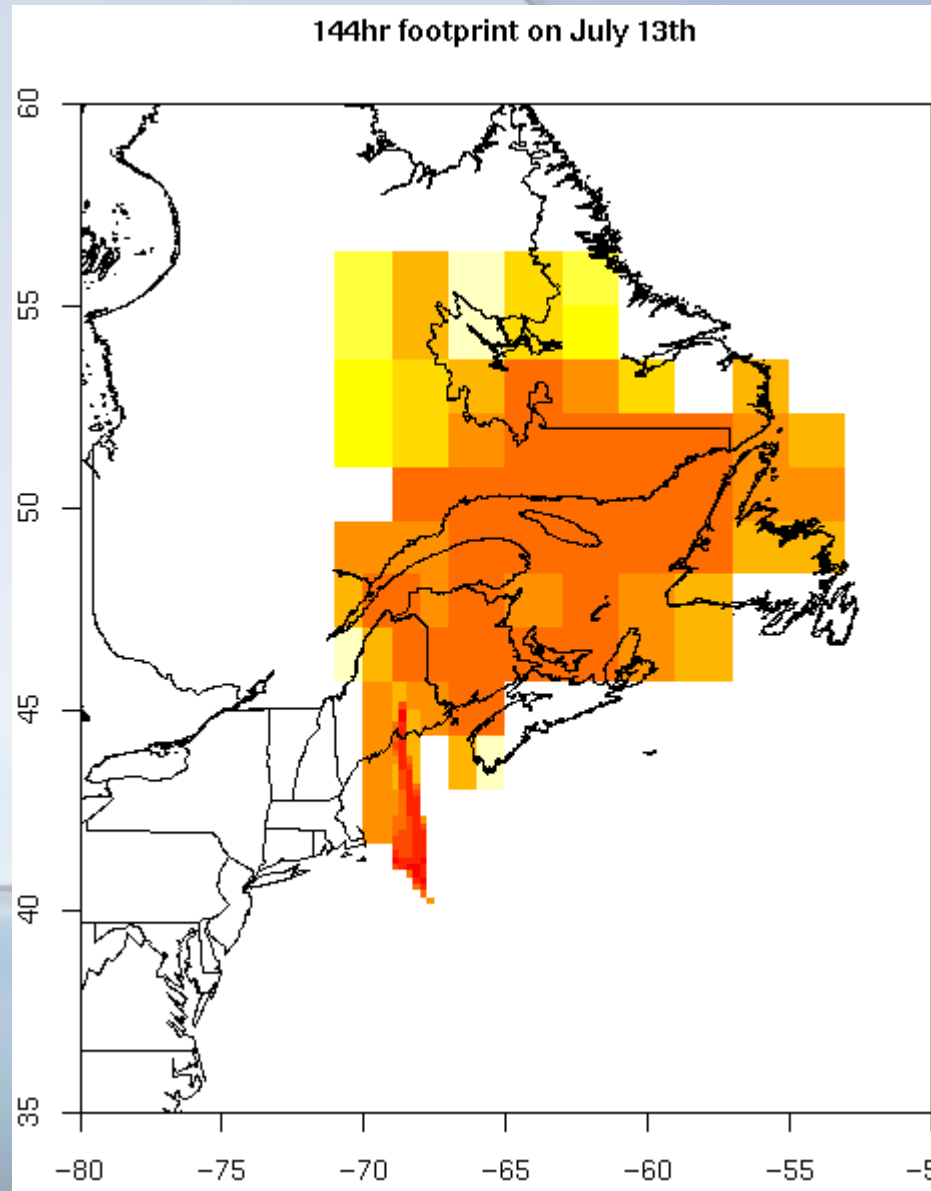


This case study comes from a particle run with erroneous results most likely produced by transport error.

```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talkback loaded Ok
known pattern format version 218765834 in homevgnomegimpipatternsnonskippng
unknown pattern format version 218765834 in homevgnomegimpipatternsnottlepng
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talkback loaded Ok
Hey : You are in QFA Shutdown
X connection to :00 broken (explicit kill or server shutdown)
```

Appendix

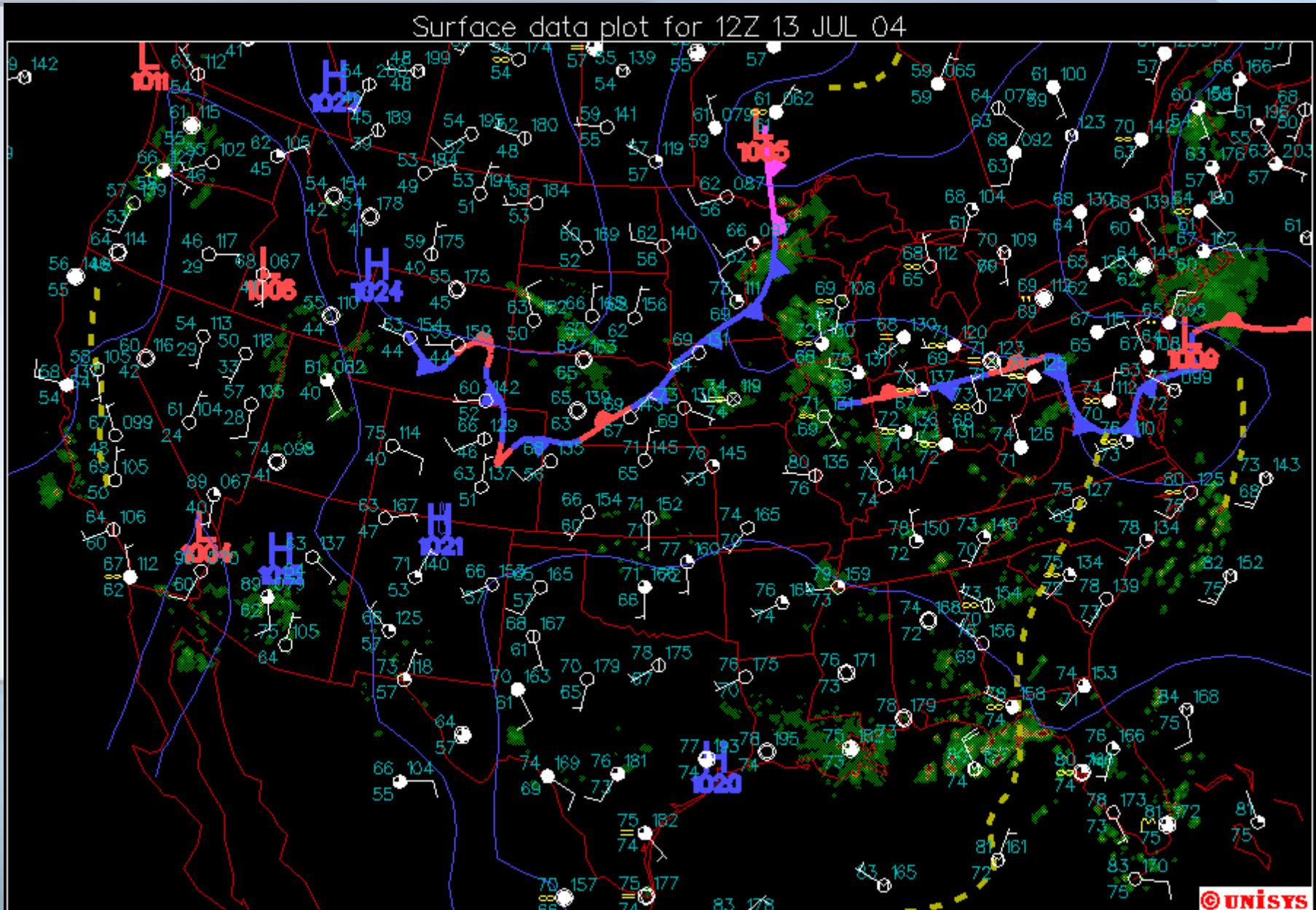
Julian Day 16265.75



```
alnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
IBRARYPATHusrlocalnetscape/usrlocalnetscapeCool
LIBPATHusrlocalnetscape/usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape/usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
1765834 in homevgnomegimpipatternsnonskip.png
1765834 in homevgnomegimpipatternsmottie.png
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Hey : You are in QFA Shutdown
alnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
IBRARYPATHusrlocalnetscape/usrlocalnetscapeCool
LIBPATHusrlocalnetscape/usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape/usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
ion to :00 broken (explicit kill or server shutdown)
```

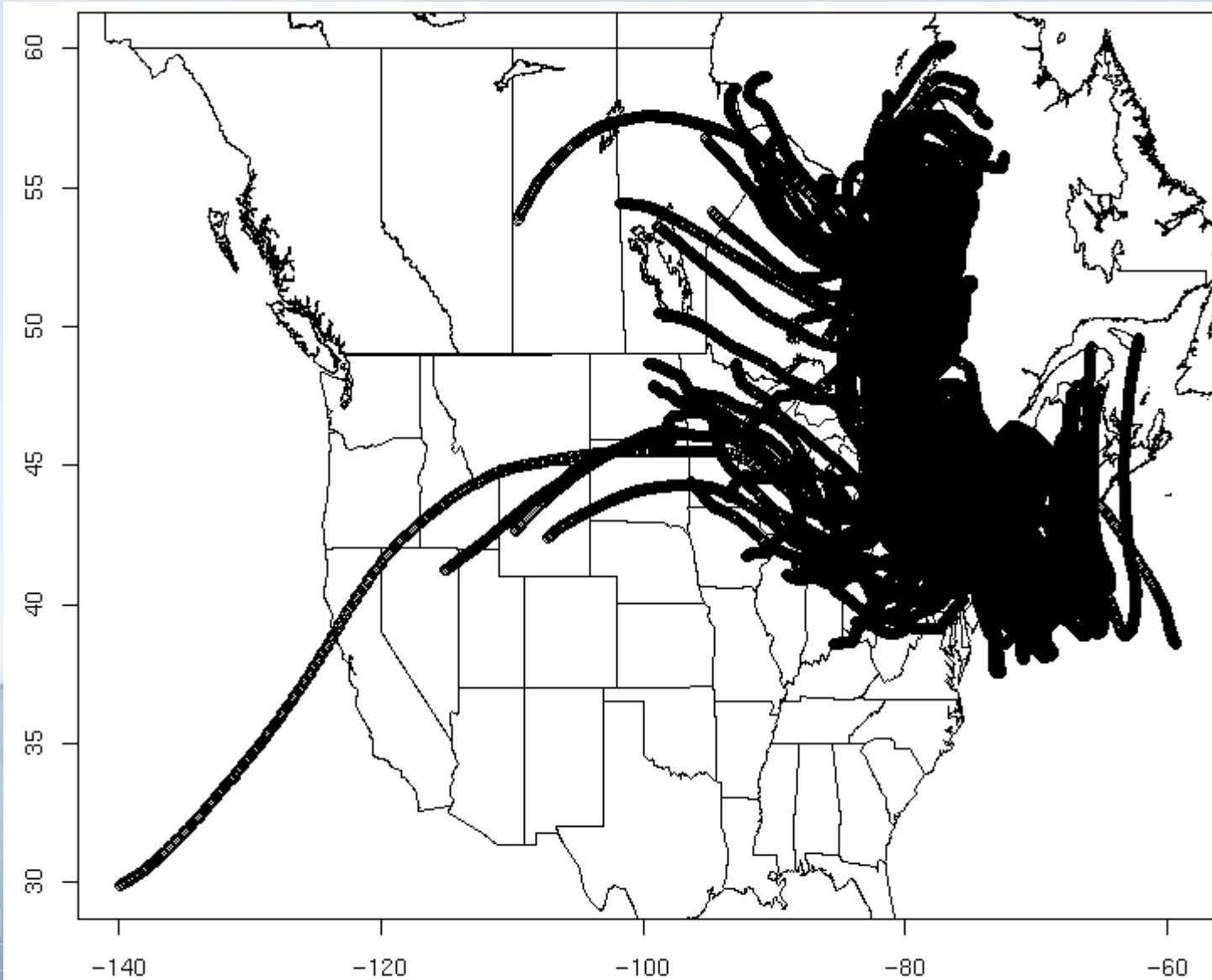

Appendix

Julian Day 16265.75



Appendix

Julian Day 16270.00

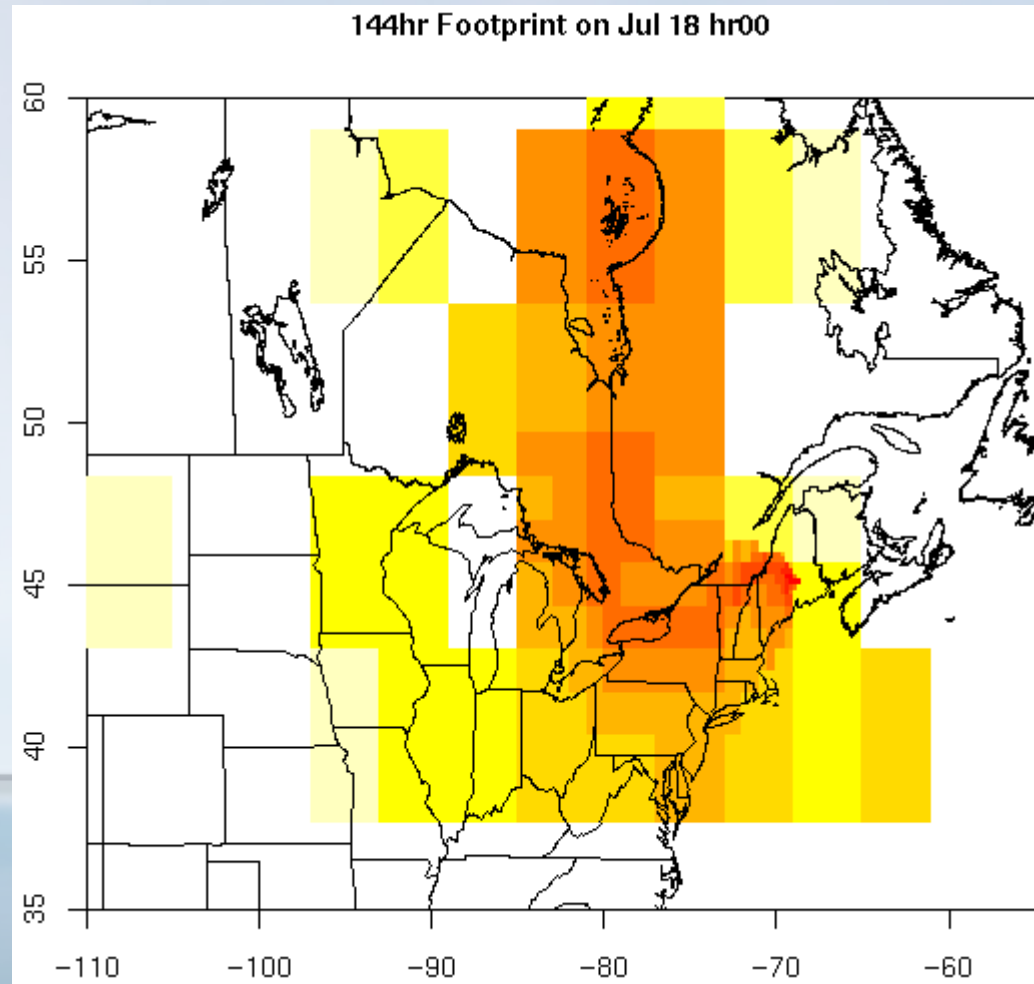


This particle run was coastal but still produced accurate results.

```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAFIVEHOMEusrlocalnetscape
RRYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
HLIBPATHusrlocalnetscape:usrlocalnetscapeCool
MOZTOOLKIT
mozdebug0
ger
ize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
5834 in homevgnomegimpipatternsnonskidpng
65834 in homevgnomegimpipatternsnottlepng
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
scaperunmozillash usrlocalnetscapemozillabin
MOZILLAFIVEHOMEusrlocalnetscape
RRYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
HLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
to :00 broken (explicit kill or server shutdown)
```

Appendix

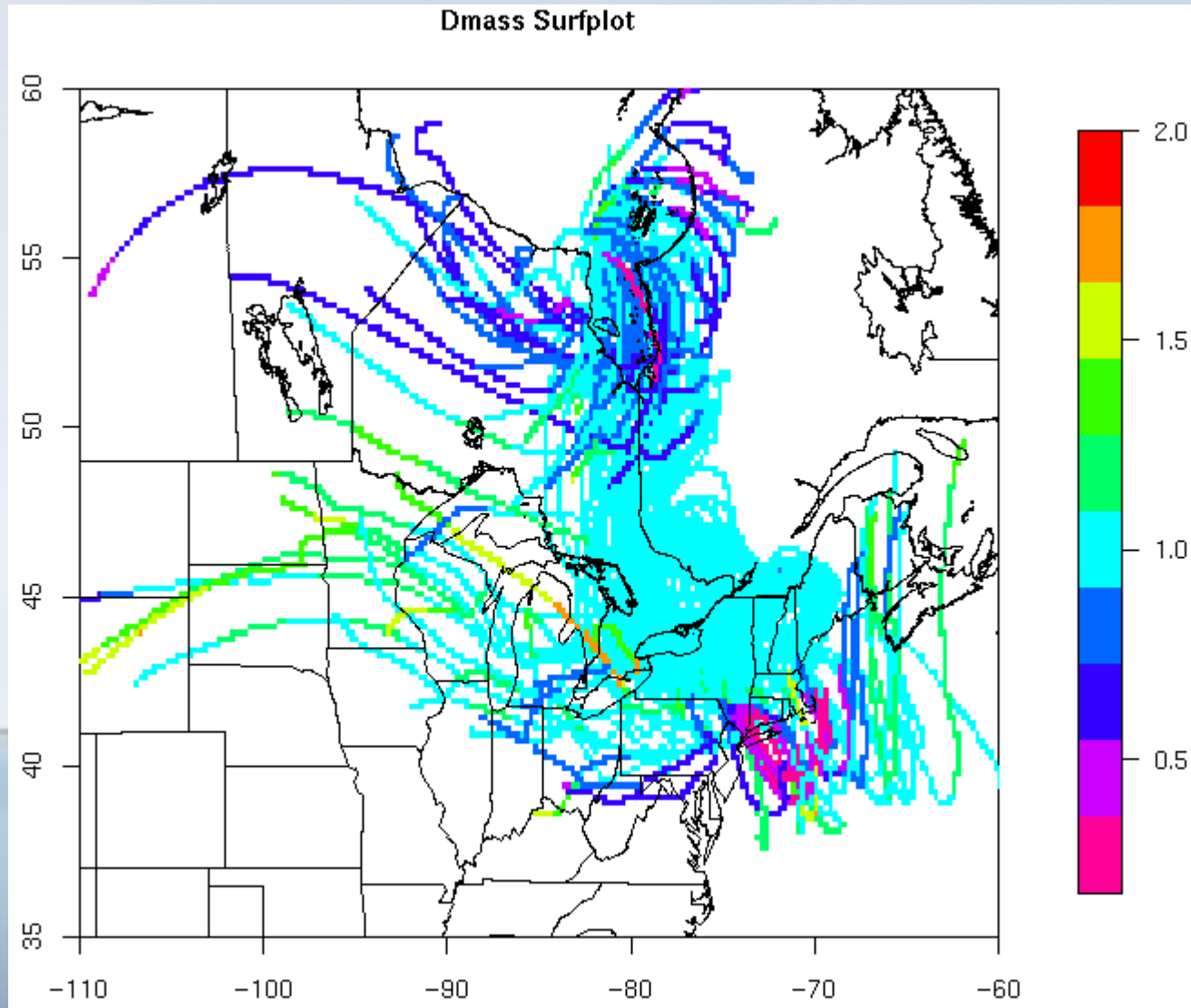
Julian Day 16270.00



```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LOCALIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
1834 in homevgnomegimpipatternsnonskidpng
55834 in homevgnomegimpipatternsmottlepng
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
tscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
RYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
to :00 broken (explicit kill or server shutdown)
```

Appendix

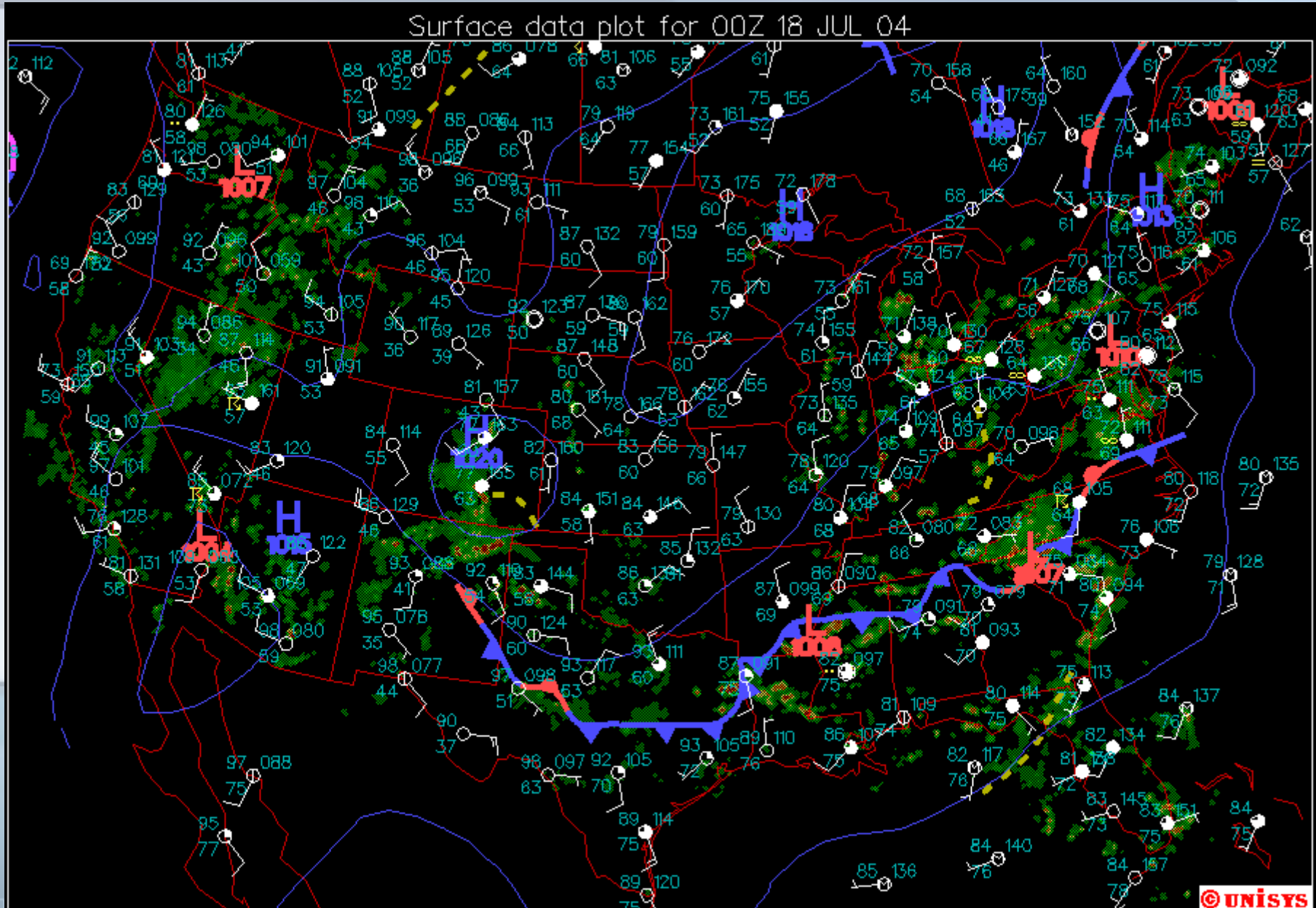
Julian Day 16270.00



```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
usrlocalnetscapeCool
usrlocalnetscapeCool
usrlocalnetscapeCool
C$HOMEusrlocalnetscapeCool
usrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFR Startup
(QFR)Talk-back loaded Ok
megimpipatternsnonskipng
omegimpipatternsnottlepng
licit kill or server shutdown)
licit kill or server shutdown)
licit kill or server shutdown)
licit kill or server shutdown)
licit kill or server shutdown)
licit kill or server shutdown)
Hey : You are in QFR Shutdown
usrlocalnetscapemozillabin
LAFIVEHOMEusrlocalnetscape
usrlocalnetscapeCool
usrlocalnetscapeCool
usrlocalnetscapeCool
C$HOMEusrlocalnetscapeCool
usrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFR Startup
(QFR)Talk-back loaded Ok
Hey : You are in QFR Shutdown
licit kill or server shutdown)
```

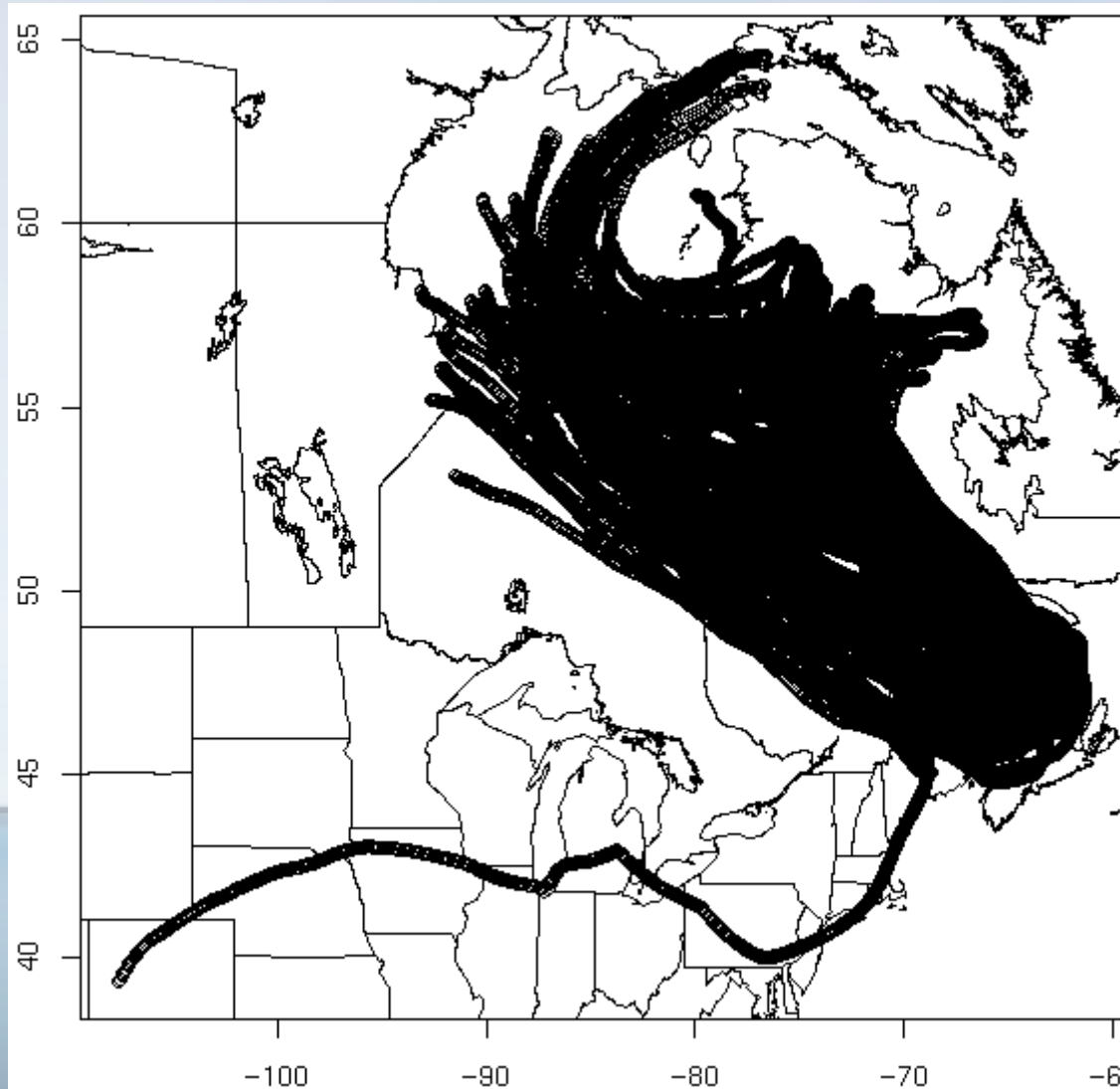
Appendix

Julian Day 16270.00



Appendix

Julian Day 16291.00

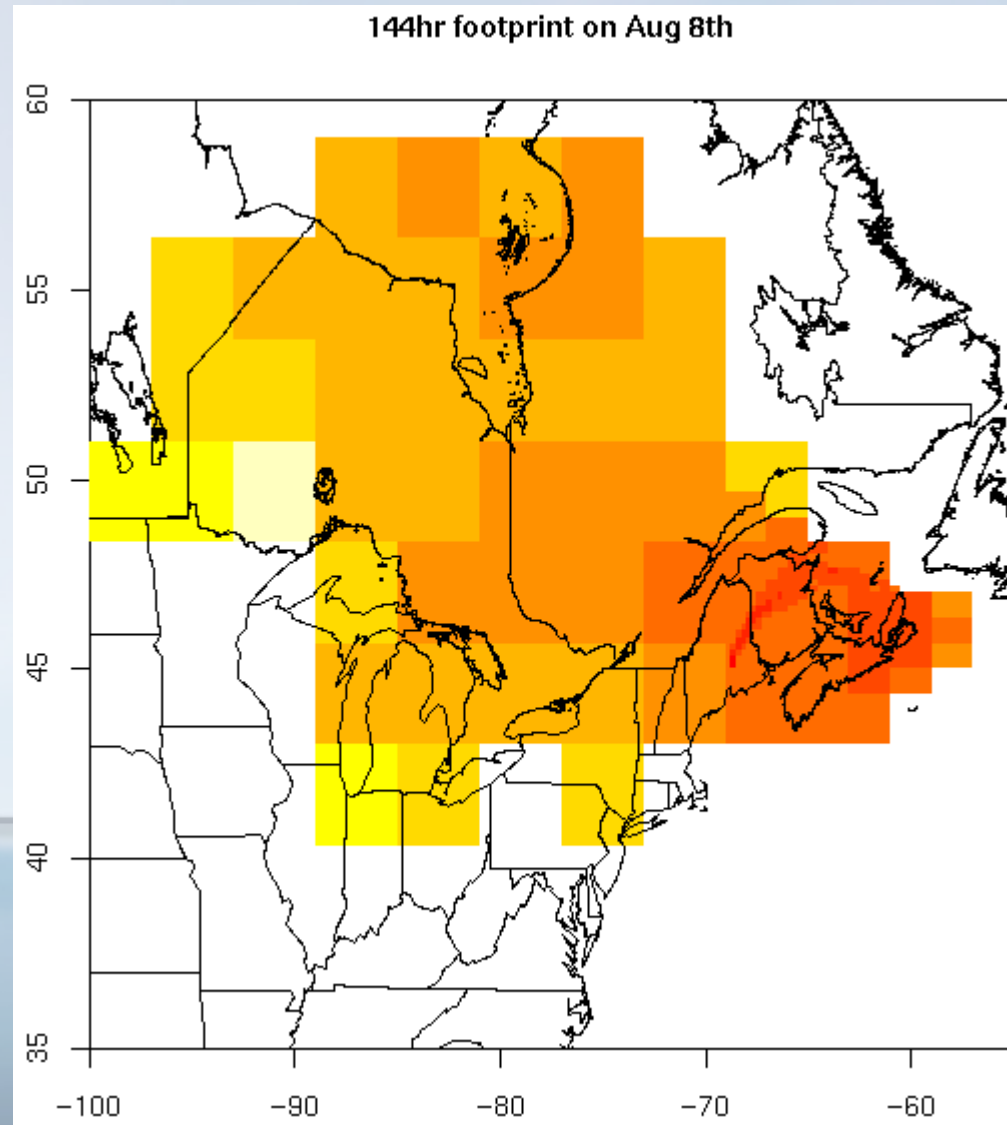


This particle run produced inaccurate results.

```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
mat version 218765834 in homevgnomegimpipatternsnonskippng
mat version 218765834 in homevgnomegimpipatternsnottlepng
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
X connection to :00 broken (explicit kill or server shutdown)
```


Appendix

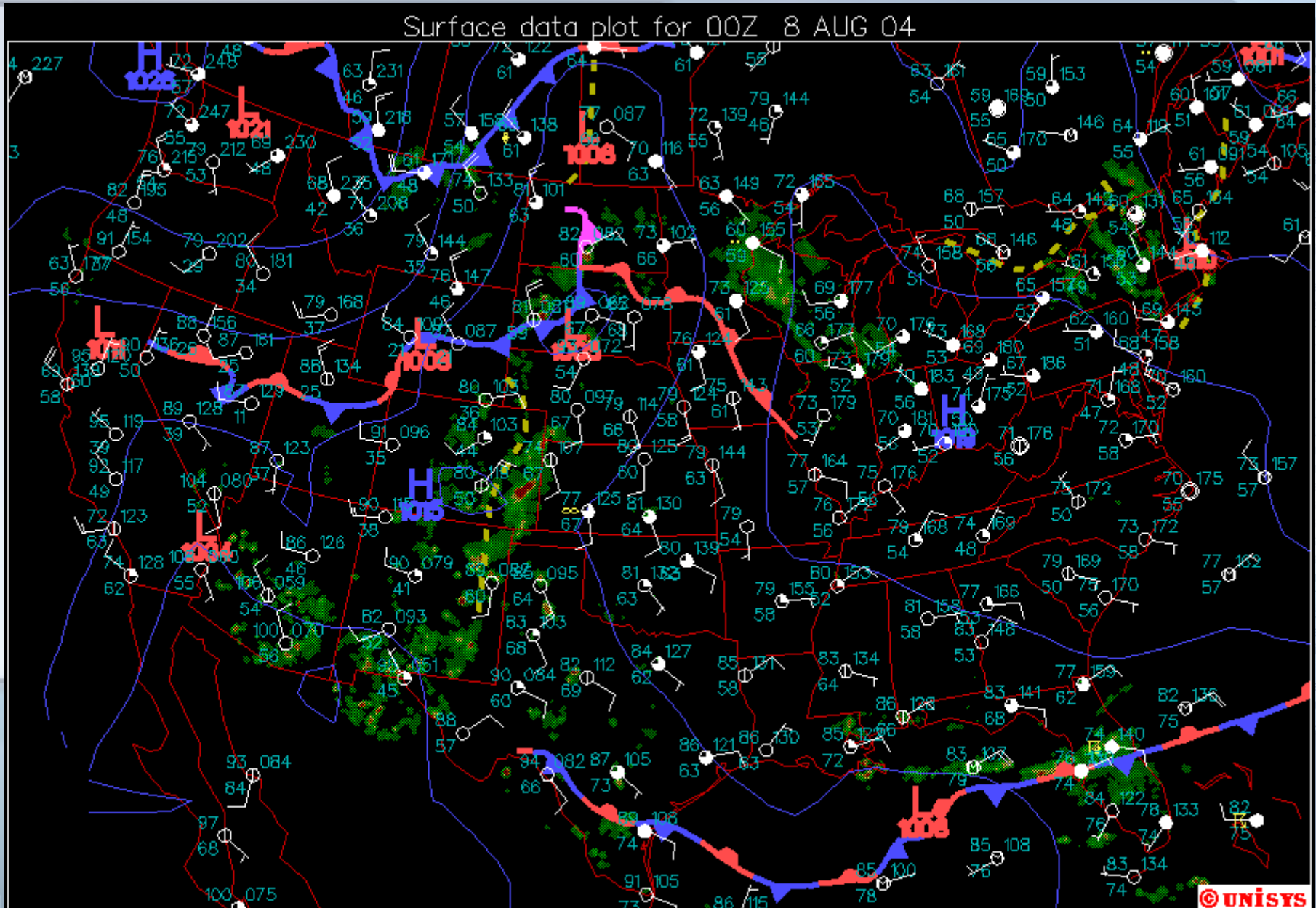
Julian Day 16291.00



```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
1765834 in homevgnomegimpipatternsnonskipng
1765834 in homevgnomegimpipatternsmottlepng
on to :00 broken (explicit kill or server shutdown)
on to :00 broken (explicit kill or server shutdown)
on to :00 broken (explicit kill or server shutdown)
on to :00 broken (explicit kill or server shutdown)
on to :00 broken (explicit kill or server shutdown)
on to :00 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
alnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
on to :00 broken (explicit kill or server shutdown)
```

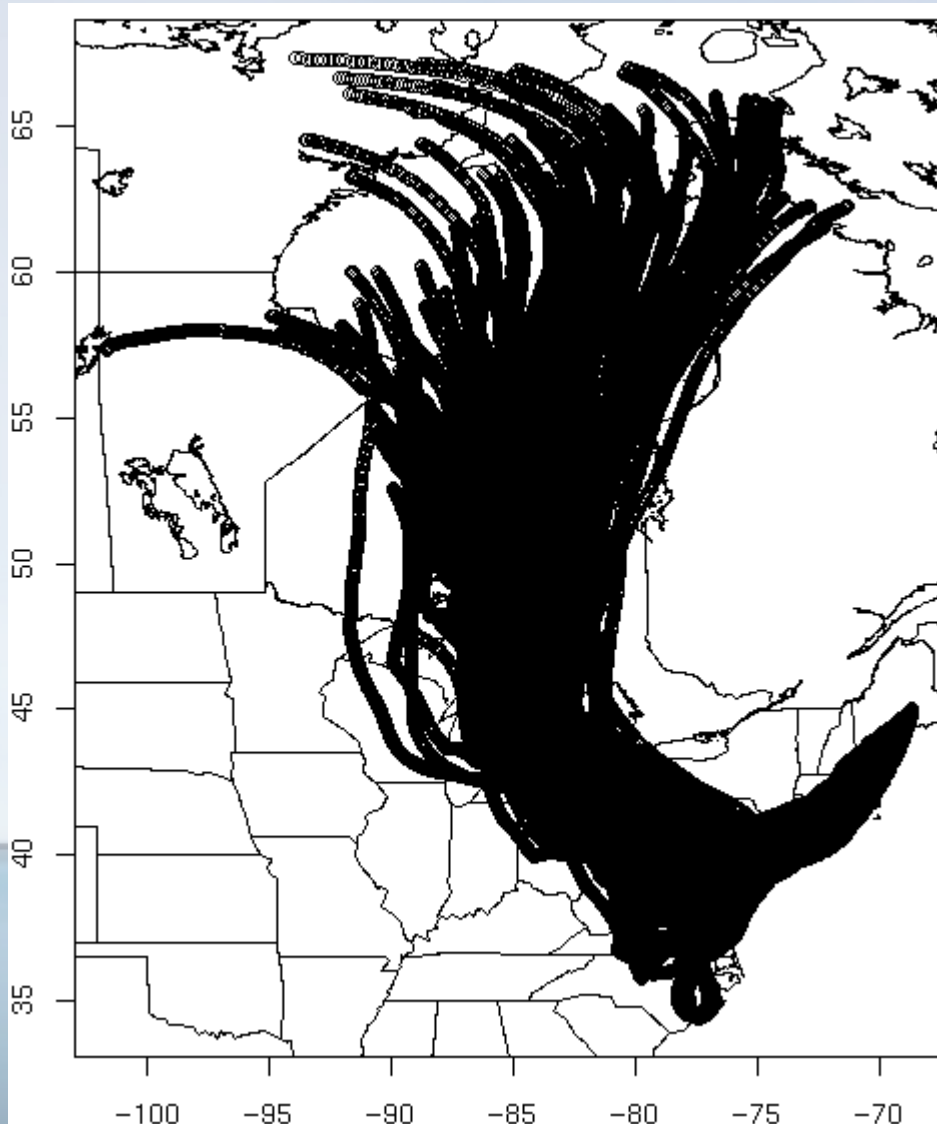
Appendix

Julian Day 16291.00



Appendix

Julian Day 16294.33

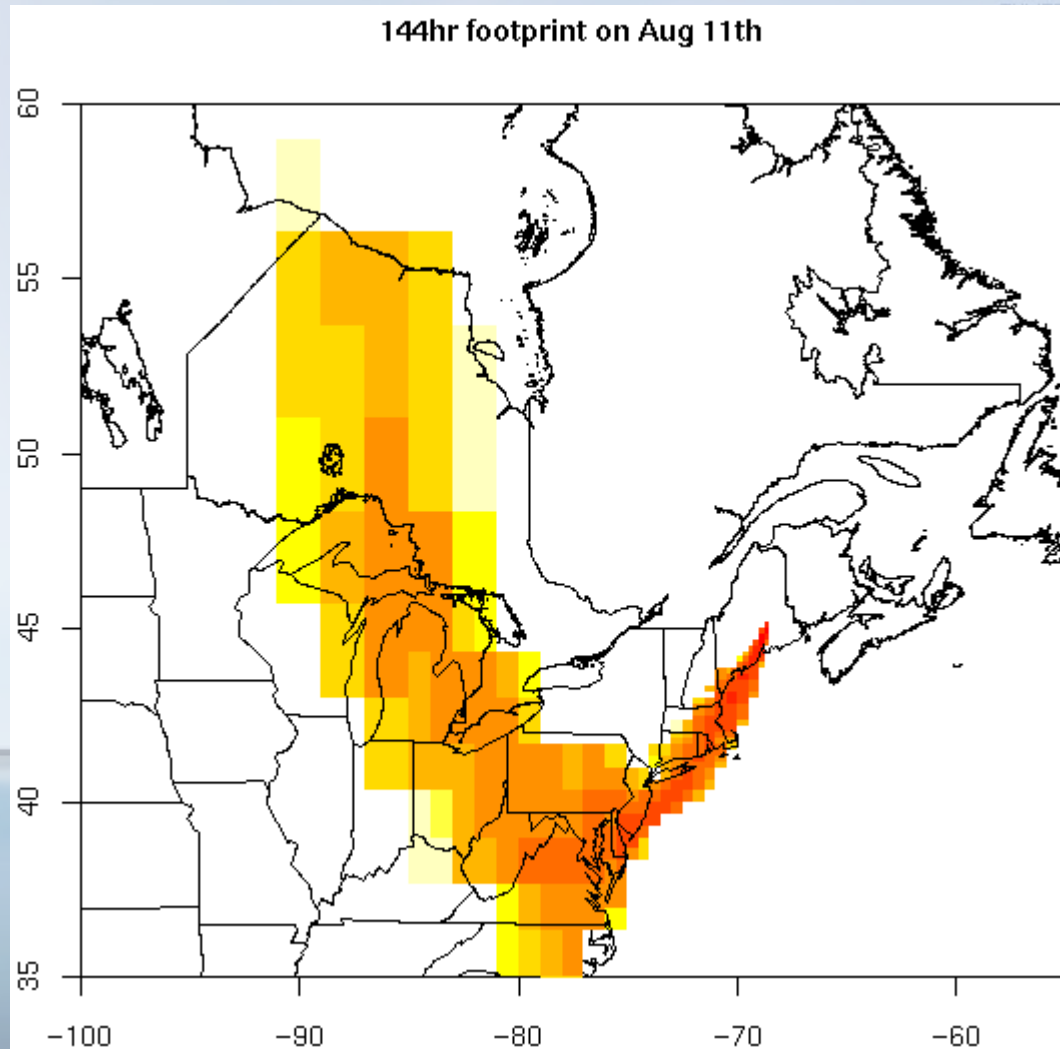


This particle run produced accurate results.

```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Unknown pattern format version 218765834 in homevgnomegimp2patternsnoniskidpng
Unknown pattern format version 218765834 in homevgnomegimp2patternsnottlepng
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
X connection to :00 broken (explicit kill or server shutdown)
```

Appendix

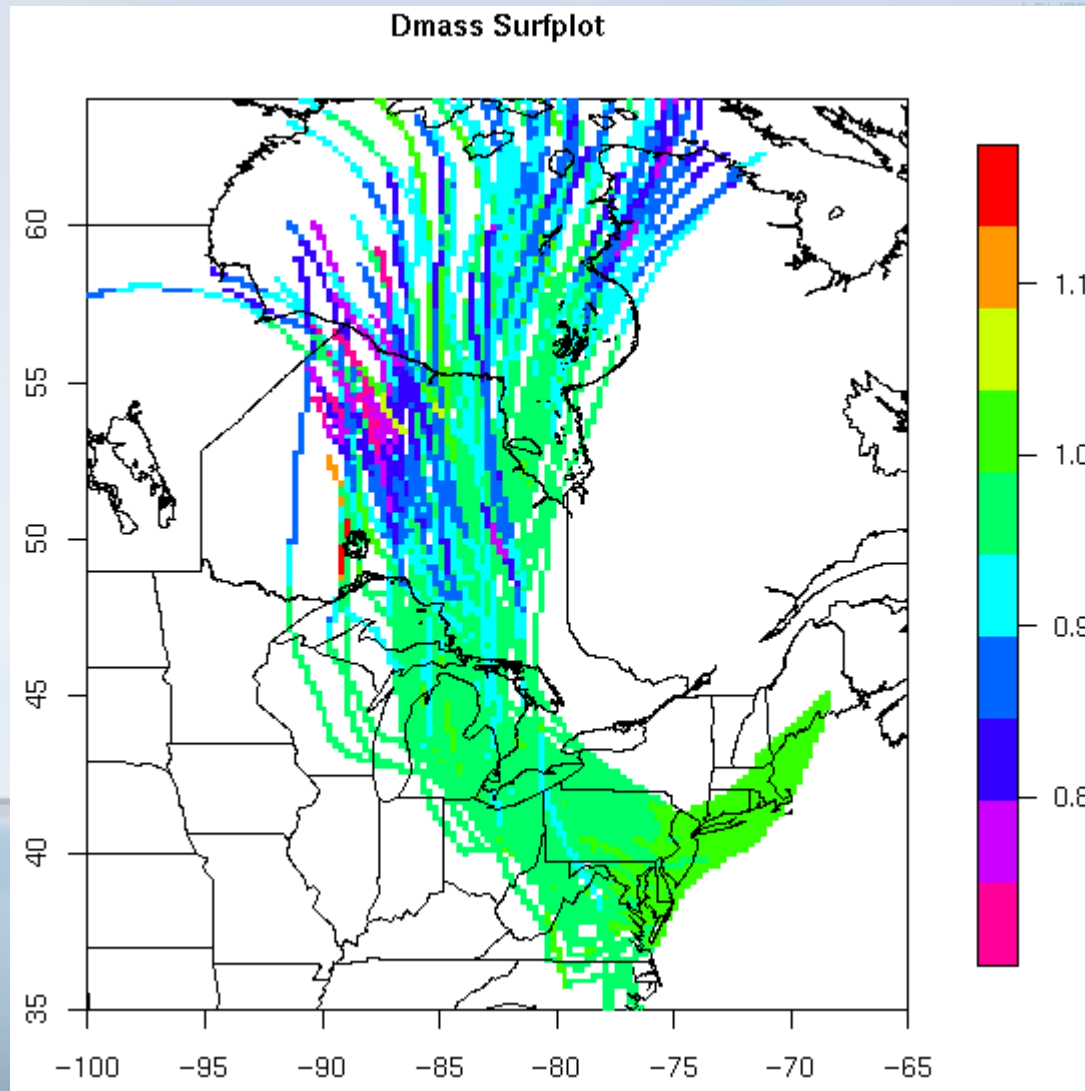
Julian Day 16294.33



```
usrlocalnetscaperrunmozillash usrlocalnetscapemozillabin
MOZIL LAFIVEHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
THusrlocalnetscape:usrlocalnetscapeCool
XPC5HOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
n homevgnomegimpipatternsnonskippng
in homevgnomegimpipatternsmottlepng
broken (explicit kill or server shutdown)
broken (explicit kill or server shutdown)
broken (explicit kill or server shutdown)
broken (explicit kill or server shutdown)
broken (explicit kill or server shutdown)
broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
erunmozillash usrlocalnetscapemozillabin
MOZIL LAFIVEHOMEusrlocalnetscape
THusrlocalnetscape:usrlocalnetscapeCool
THusrlocalnetscape:usrlocalnetscapeCool
THusrlocalnetscape:usrlocalnetscapeCool
XPC5HOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
broken (explicit kill or server shutdown)
```


Appendix

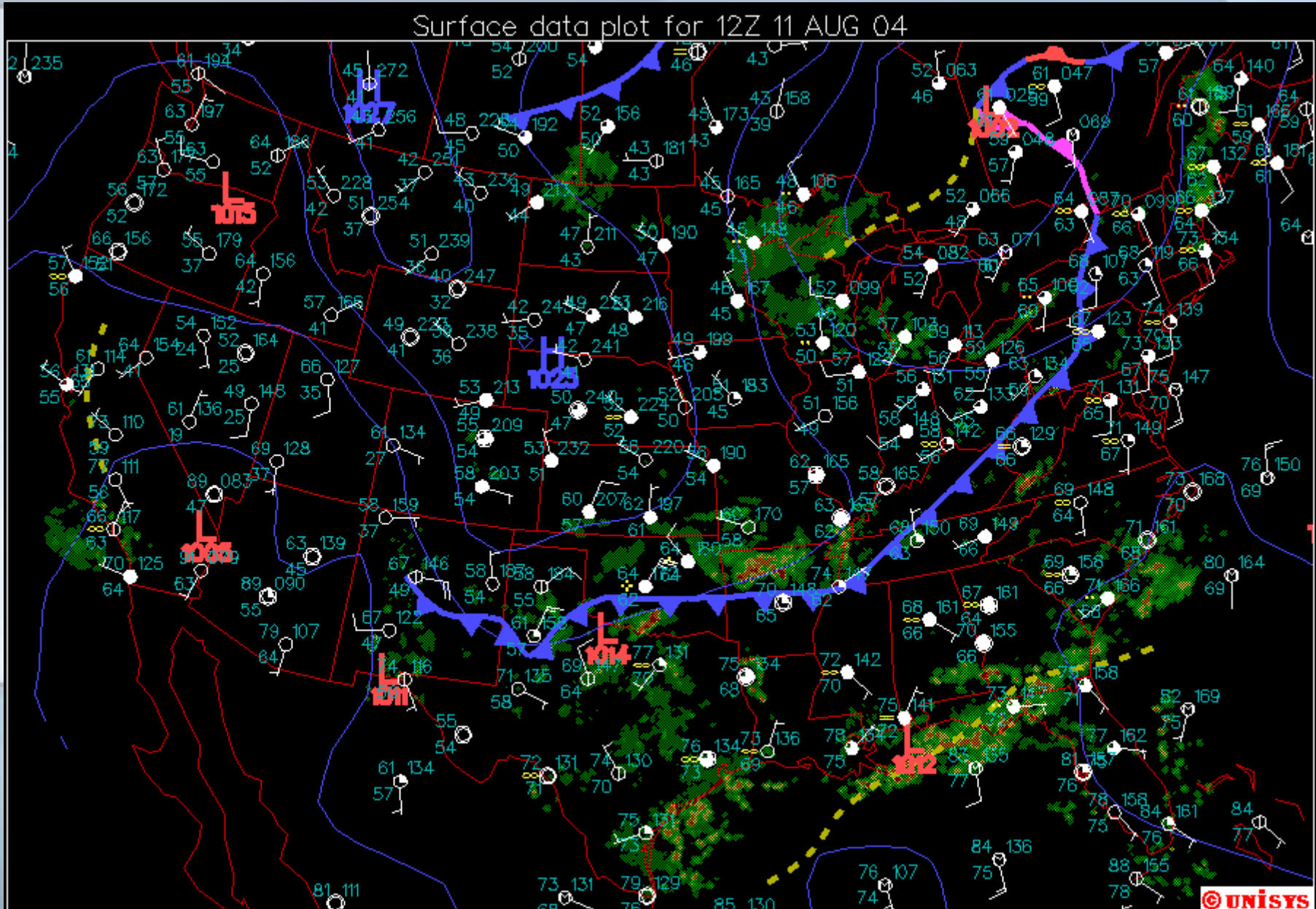
Julian Day 16294.33



```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZIL LAFIVEHOMEusrlocalnetscape
RYPATHusrlocalnetscape:usrlocalnetscapeCool
IBPATHusrlocalnetscape:usrlocalnetscapeCool
IBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
334 in homevgnomegimpipatternsnonskidpng
5334 in homevgnomegimpipatternsmottlepng
o :00 broken (explicit kill or server shutdown)
o :00 broken (explicit kill or server shutdown)
o :00 broken (explicit kill or server shutdown)
o :00 broken (explicit kill or server shutdown)
o :00 broken (explicit kill or server shutdown)
o :00 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
scaperunmozillash usrlocalnetscapemozillabin
MOZIL LAFIVEHOMEusrlocalnetscape
RYPATHusrlocalnetscape:usrlocalnetscapeCool
IBPATHusrlocalnetscape:usrlocalnetscapeCool
IBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
o :00 broken (explicit kill or server shutdown)
```

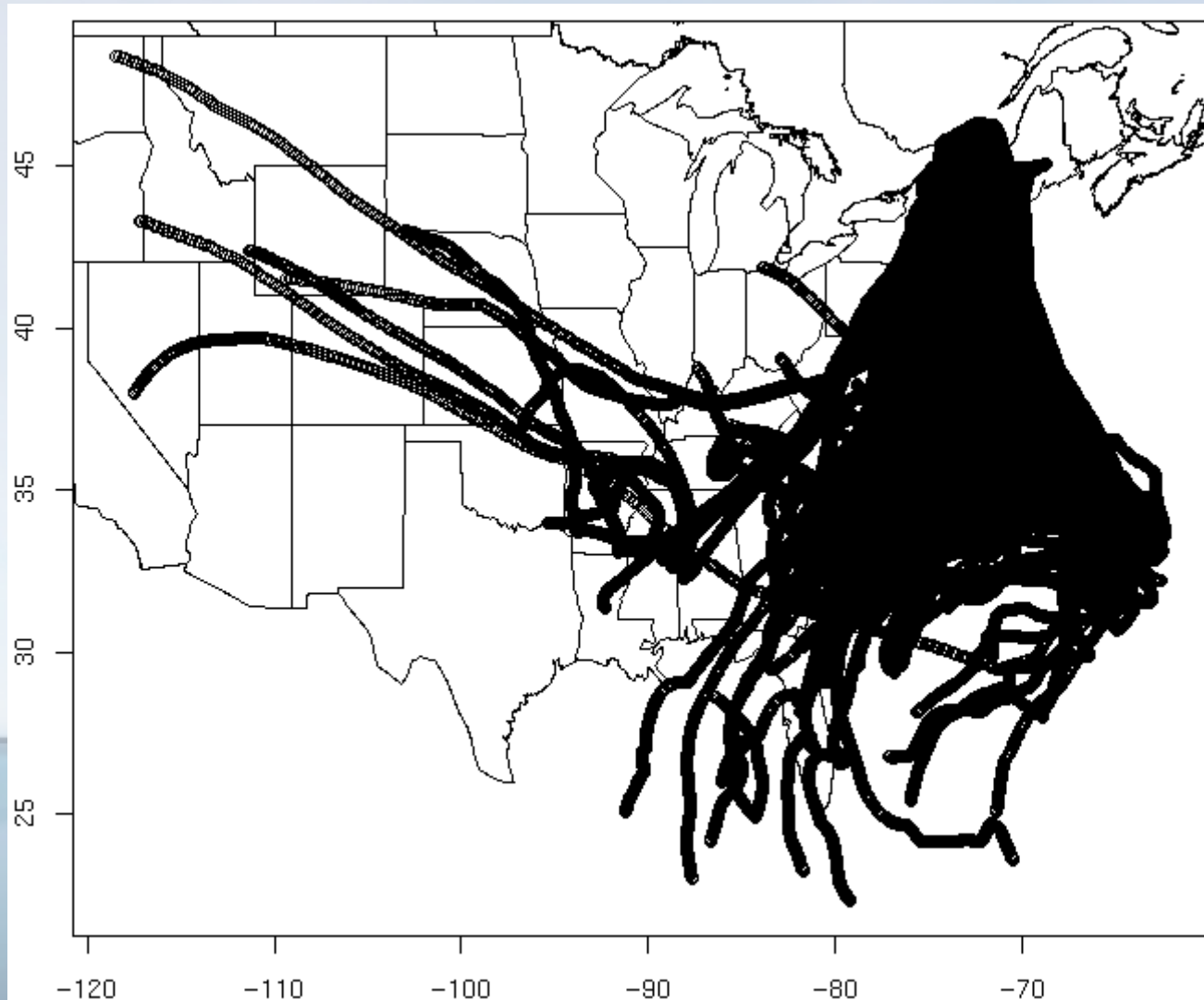
Appendix

Julian Day 16294.33



Appendix

Julian Day 16297.75



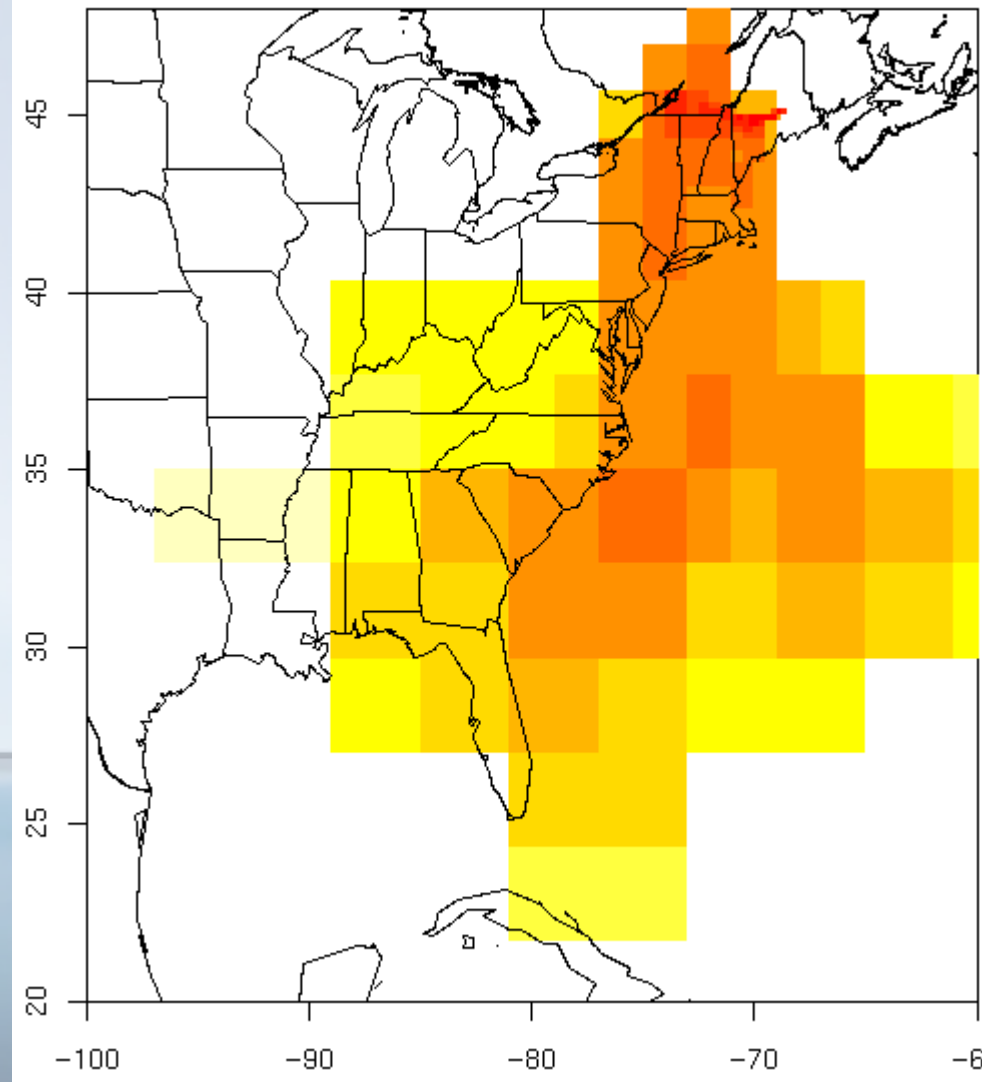
```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talkback loaded OK
version
connection to :80 broken (explicit kill or server shutdown)
connection to :80 broken (explicit kill or server shutdown)
connection to :80 broken (explicit kill or server shutdown)
connection to :80 broken (explicit kill or server shutdown)
connection to :80 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talkback loaded OK
Hey : You are in QFA Shutdown
connection to :80 broken (explicit kill or server shutdown)
```

This particle run produced inaccurate results.

Appendix

Julian Day 16297.75

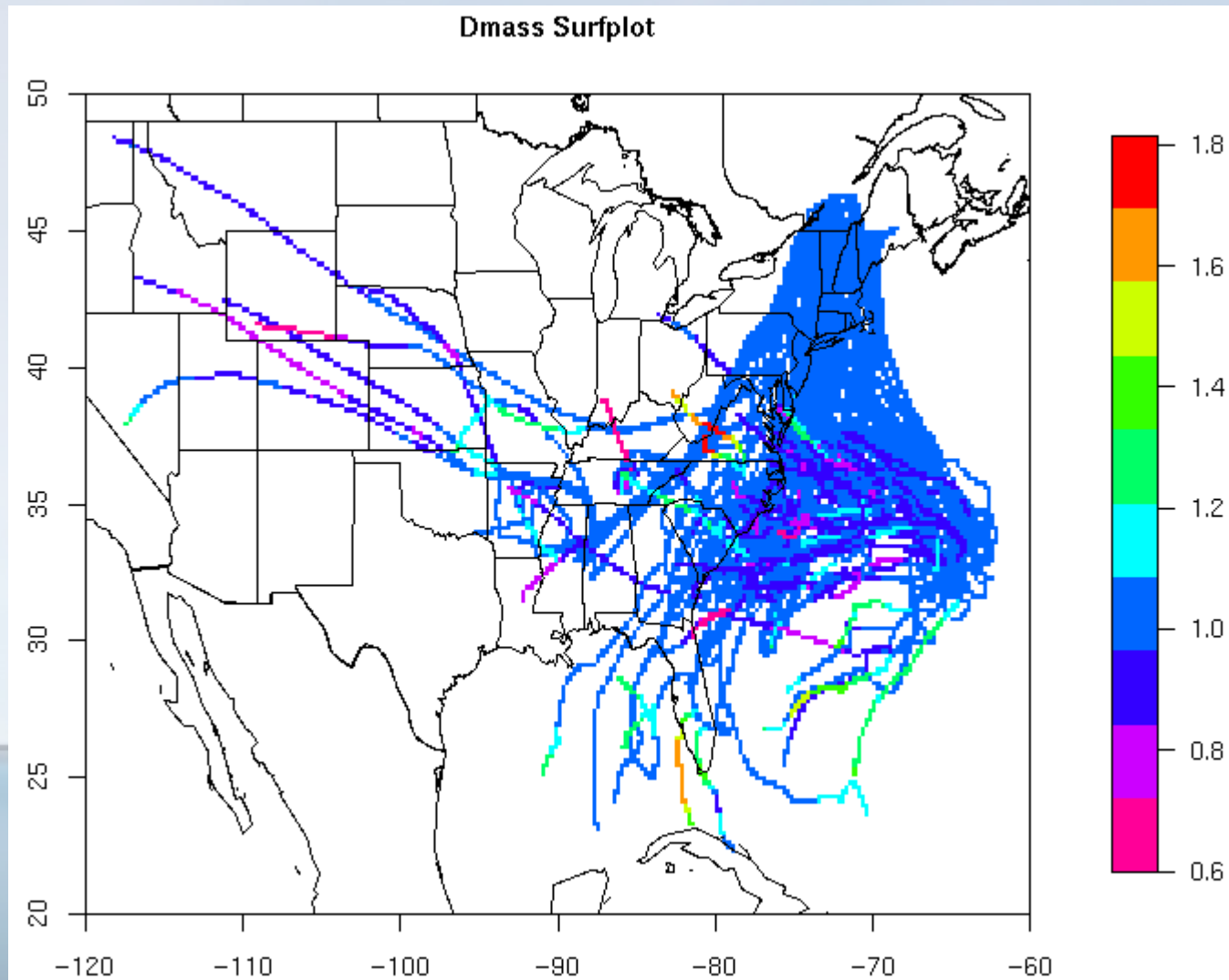
144hr Footprint on Aug 14, hr 18



```
scaperunmozillash usrlocalnetscapemozillabin  
MOZILLAHOMEusrlocalnetscape  
RYPATHusrlocalnetscapeusrlocalnetscapeCool  
IBPATHusrlocalnetscapeusrlocalnetscapeCool  
XPCSHOMEusrlocalnetscapeCool  
MOZPROGRAMusrlocalnetscapemozillabin  
MOZTOOLKIT  
mozdebug0  
mozdebugger  
I am inside the initialize  
Hey : You are in QFA Startup  
(QFA)Talk-back loaded Ok  
834 in homevgnomegimpipatternsnonskidpng  
5834 in homevgnomegimpipatternsmottlepng  
:00 broken (explicit kill or server shutdown)  
:00 broken (explicit kill or server shutdown)  
:00 broken (explicit kill or server shutdown)  
:00 broken (explicit kill or server shutdown)  
:00 broken (explicit kill or server shutdown)  
:00 broken (explicit kill or server shutdown)  
Hey : You are in QFA Shutdown  
scaperunmozillash usrlocalnetscapemozillabin  
MOZILLAHOMEusrlocalnetscape  
RYPATHusrlocalnetscapeusrlocalnetscapeCool  
IBPATHusrlocalnetscapeusrlocalnetscapeCool  
IBPATHusrlocalnetscapeusrlocalnetscapeCool  
XPCSHOMEusrlocalnetscapeCool  
MOZPROGRAMusrlocalnetscapemozillabin  
MOZTOOLKIT  
mozdebug0  
mozdebugger  
I am inside the initialize  
Hey : You are in QFA Startup  
(QFA)Talk-back loaded Ok  
Hey : You are in QFA Shutdown  
:00 broken (explicit kill or server shutdown)
```


Appendix

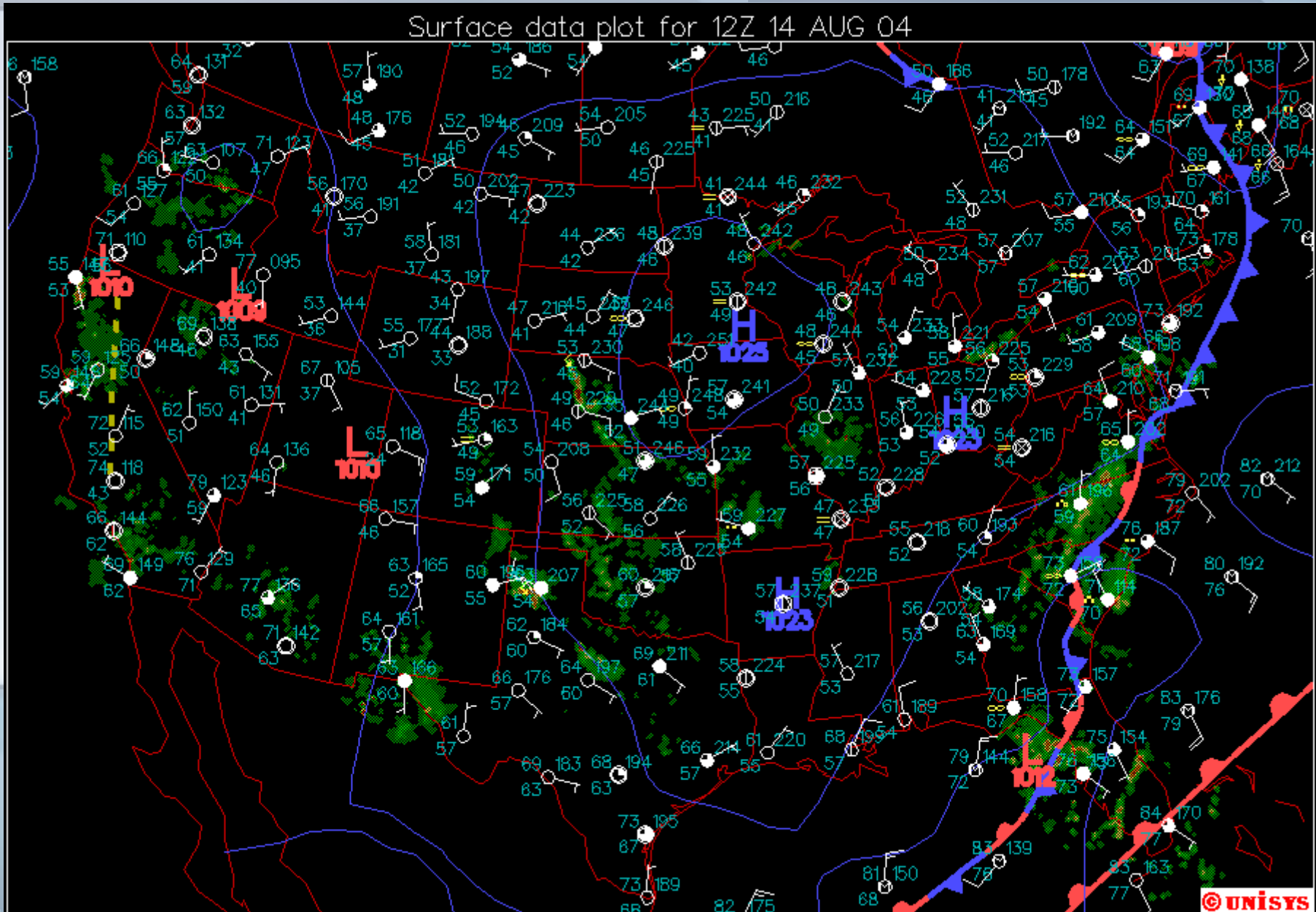
Julian Day 16297.75



```
usrlocalnetscape\run\mozilla\usrlocalnetscape\mozillabin
MOZILLA\FIVEHOME\usrlocalnetscape
ocalnetscape\usrlocalnetscape\Cool
ocalnetscape\usrlocalnetscape\Cool
ocalnetscape\usrlocalnetscape\Cool
XPC5HOME\usrlocalnetscape\Cool
PROGRAM\usrlocalnetscape\mozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
evgnomegimp\patterns\nonskip.png
evgnomegimp\patterns\nottle.png
en (explicit kill or server shutdown)
en (explicit kill or server shutdown)
en (explicit kill or server shutdown)
en (explicit kill or server shutdown)
en (explicit kill or server shutdown)
en (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
mozilla\usrlocalnetscape\mozillabin
MOZILLA\FIVEHOME\usrlocalnetscape
ocalnetscape\usrlocalnetscape\Cool
ocalnetscape\usrlocalnetscape\Cool
ocalnetscape\usrlocalnetscape\Cool
XPC5HOME\usrlocalnetscape\Cool
PROGRAM\usrlocalnetscape\mozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
en (explicit kill or server shutdown)
```

Appendix

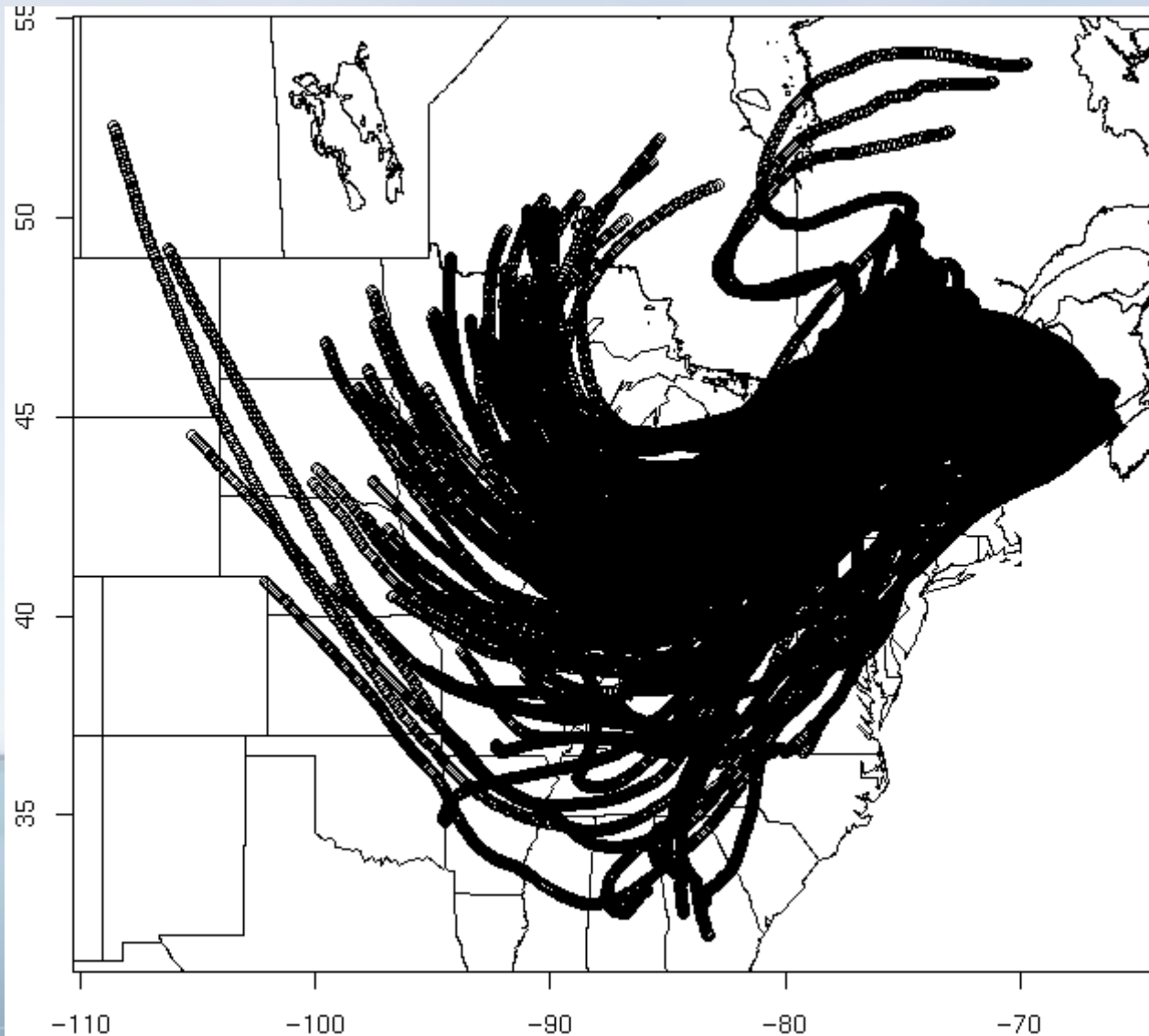
Julian Day 16297.75



```
gemozillabin  
alnetscape  
tscapeCool  
tscapeCool  
tscapeCool  
tscapeCool  
gemozillabin  
moztoolKIT  
mozdebug0  
mozdebugger  
the initialize  
qFR Startup  
loaded Ok  
nonskidpng  
emotilepng  
(shutdown)  
(shutdown)  
(shutdown)  
(shutdown)  
(shutdown)  
(Shutdown  
gemozillabin  
alnetscape  
tscapeCool  
tscapeCool  
tscapeCool  
gemozillabin  
moztoolKIT  
mozdebug0  
mozdebugger  
the initialize  
qFR Startup  
loaded Ok  
(Shutdown  
(shutdown)
```

Appendix

Julian Day 16300.00

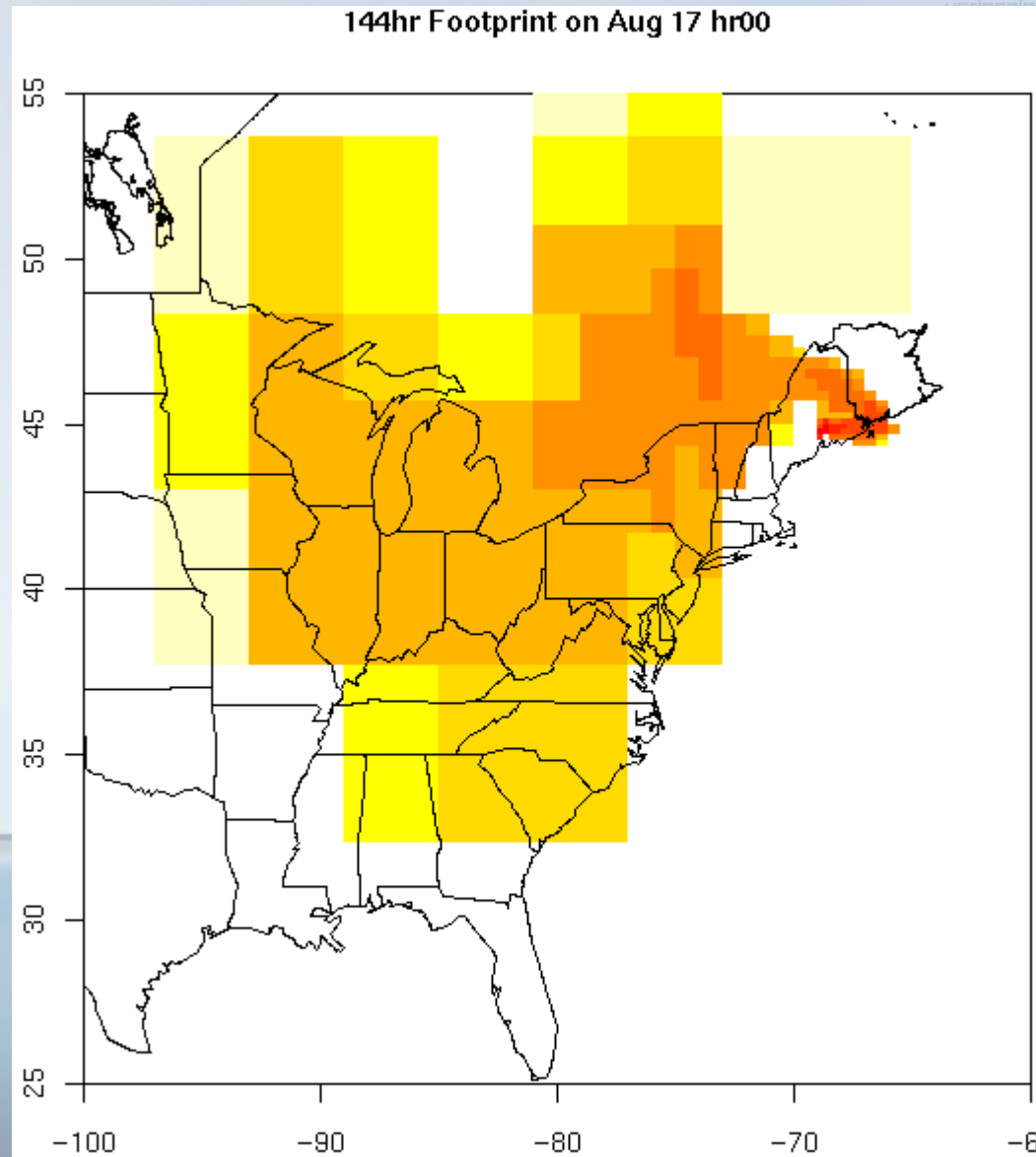


This particle run produced inaccurate results.

```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
X connection to :00 broken (explicit kill or server shutdown)
```

Appendix

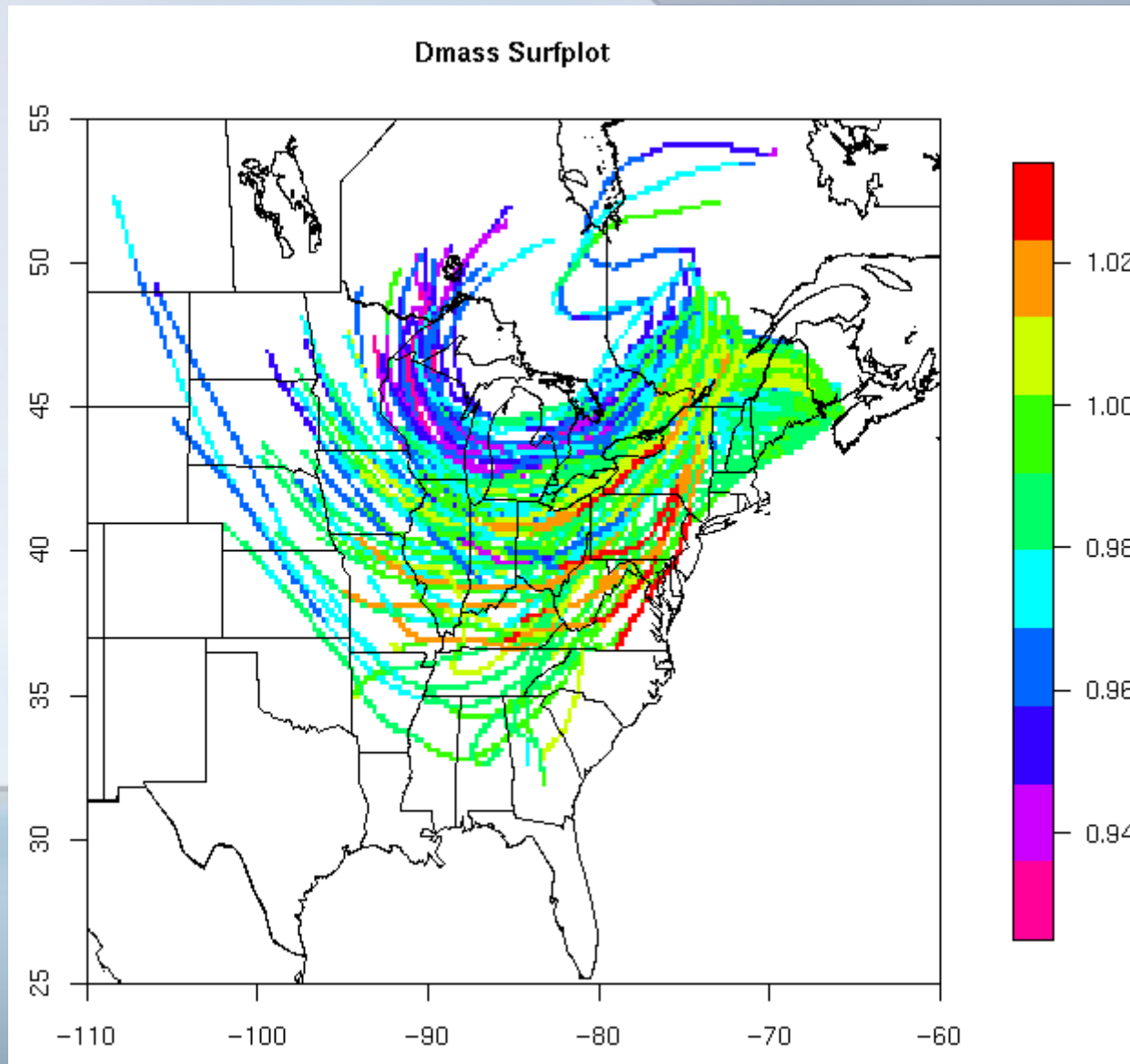
Julian Day 16300.00



```
tscape\run\mozillash\usrlocal\netscape\mozillabin
MOZILLA\FIVEHOME\usrlocal\netscape
ARY\PATH\usrlocal\netscape\usrlocal\netscape\Cool
LIB\PATH\usrlocal\netscape\usrlocal\netscape\Cool
XPC5HOME\usrlocal\netscape\Cool
MOZPROGRAM\usrlocal\netscape\mozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
5834 in home\vg\home\gimp\ipatterns\nons\kid.png
65834 in home\vg\home\gimp\ipatterns\nottle.png
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
to :00 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
tscape\run\mozillash\usrlocal\netscape\mozillabin
MOZILLA\FIVEHOME\usrlocal\netscape
ARY\PATH\usrlocal\netscape\usrlocal\netscape\Cool
LIB\PATH\usrlocal\netscape\usrlocal\netscape\Cool
XPC5HOME\usrlocal\netscape\Cool
MOZPROGRAM\usrlocal\netscape\mozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
to :00 broken (explicit kill or server shutdown)
```


Appendix

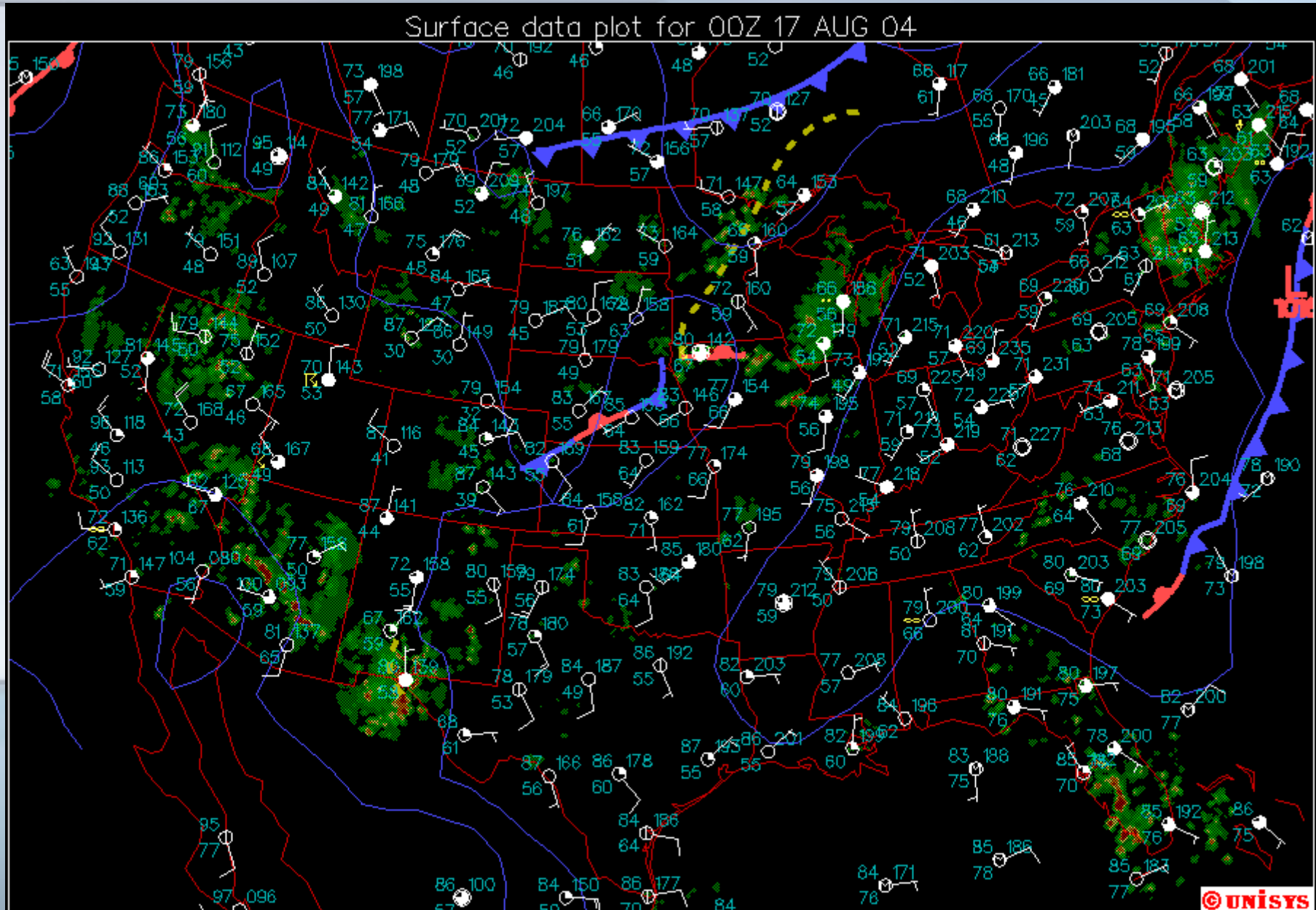
Julian Day 16300.00



```
mozilla$ cd /usr/local/netscape/mozilla/bin
MOZILLA_FIVE_HOME=/usr/local/netscape/
rlocalnetscape:/usr/local/netscape/Cool
rlocalnetscape:/usr/local/netscape/Cool
rlocalnetscape:/usr/local/netscape/Cool
XPC5HOME=/usr/local/netscape/Cool
PROGRAM=/usr/local/netscape/mozilla/bin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
nevgnomegimp|@patternsnonskidpng
omevgnomegimp|@patternsnottlepng
ien (explicit kill or server shutdown)
ien (explicit kill or server shutdown)
ien (explicit kill or server shutdown)
ien (explicit kill or server shutdown)
ien (explicit kill or server shutdown)
ien (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
mozilla$ cd /usr/local/netscape/mozilla/bin
MOZILLA_FIVE_HOME=/usr/local/netscape/
rlocalnetscape:/usr/local/netscape/Cool
rlocalnetscape:/usr/local/netscape/Cool
rlocalnetscape:/usr/local/netscape/Cool
XPC5HOME=/usr/local/netscape/Cool
PROGRAM=/usr/local/netscape/mozilla/bin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
ien (explicit kill or server shutdown)
```

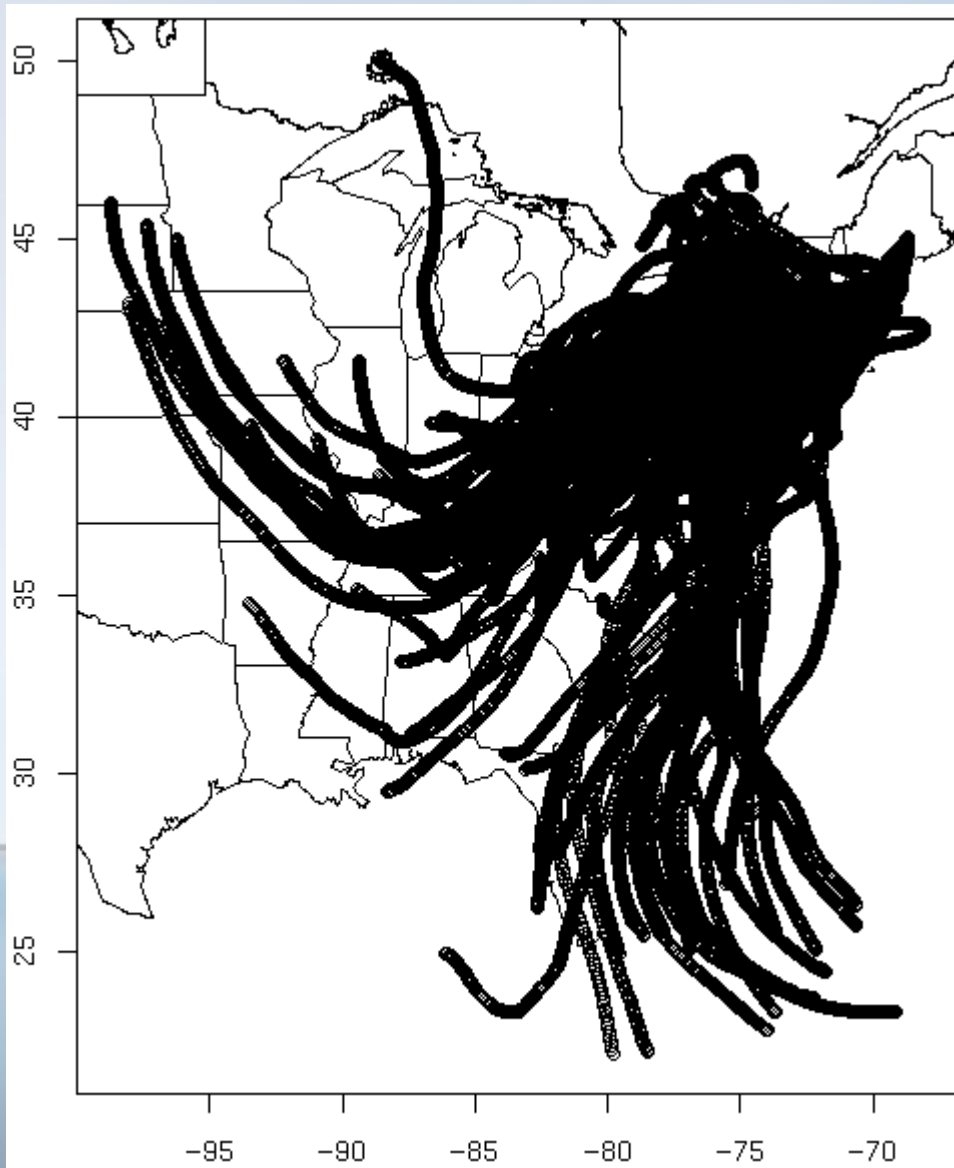
Appendix

Julian Day 16300.00



Appendix

Julian Day 16302.125

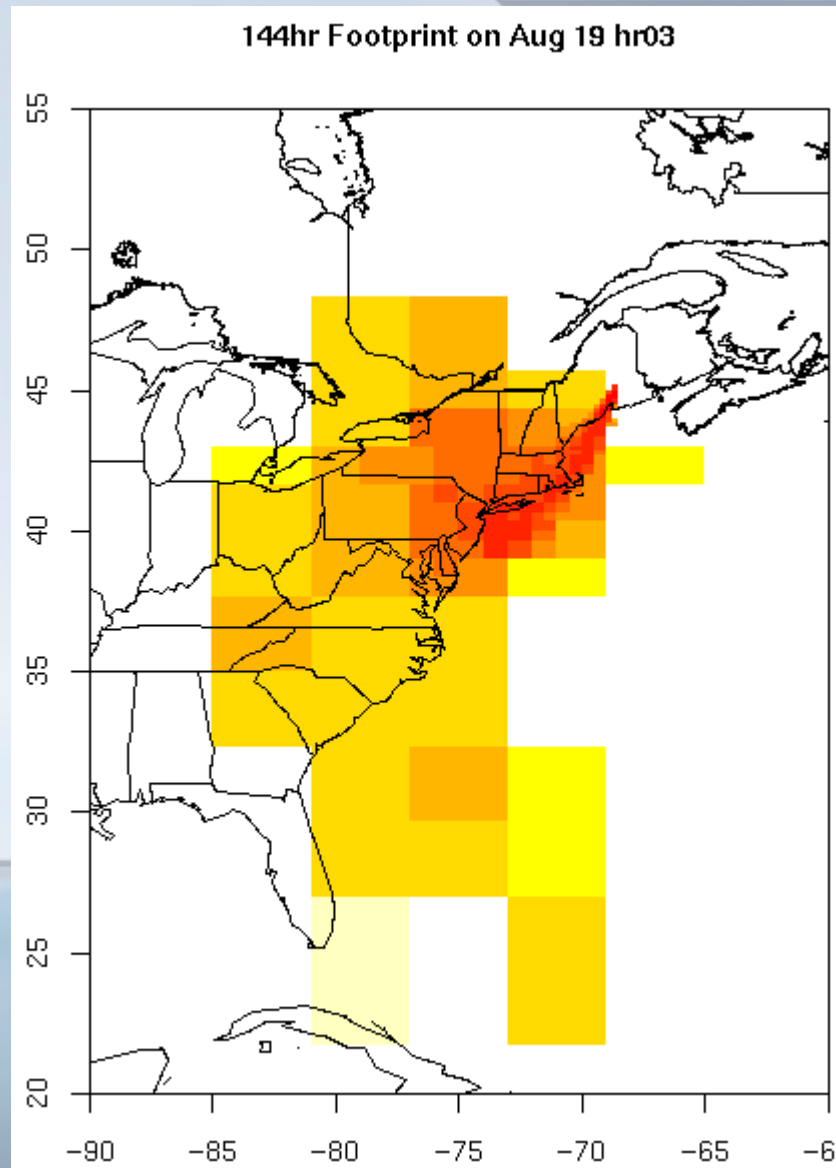


This particle run produced inaccurate results.

```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
format version 218765834 in homevgnomegimpipatternsnonskippng
n format version 218765834 in homevgnomegimpipatternsmottlepng
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
X connection to :00 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
X connection to :00 broken (explicit kill or server shutdown)
```

Appendix

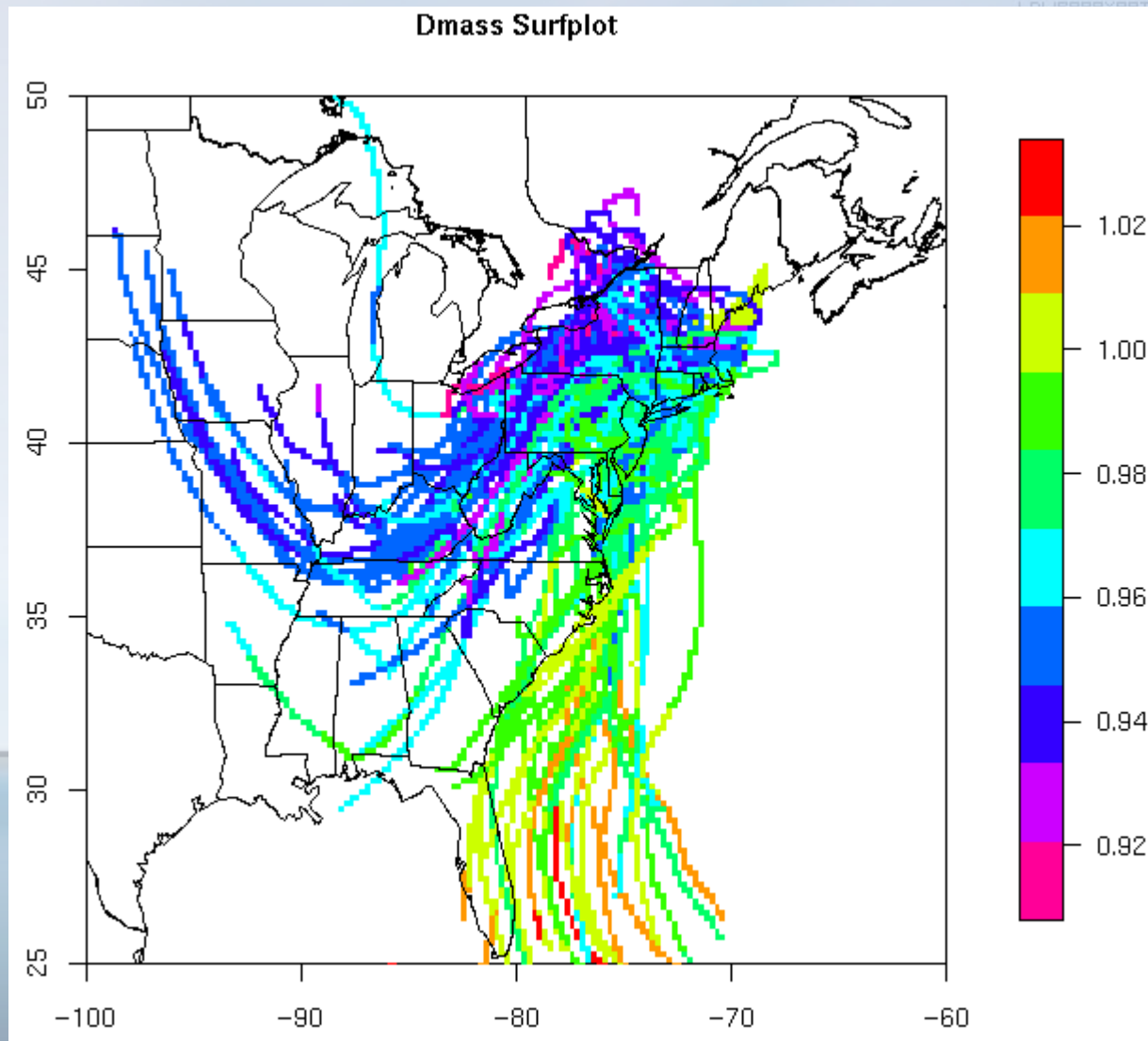
Julian Day 16302.125



```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
n 218765834 in homevgnomegimpipatternsnonskidpng
ion 218765834 in homevgnomegimpipatternsmottlepng
nection to :00 broken (explicit kill or server shutdown)
nection to :00 broken (explicit kill or server shutdown)
nection to :00 broken (explicit kill or server shutdown)
nection to :00 broken (explicit kill or server shutdown)
nection to :00 broken (explicit kill or server shutdown)
nection to :00 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LDLIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
nection to :00 broken (explicit kill or server shutdown)
```


Appendix

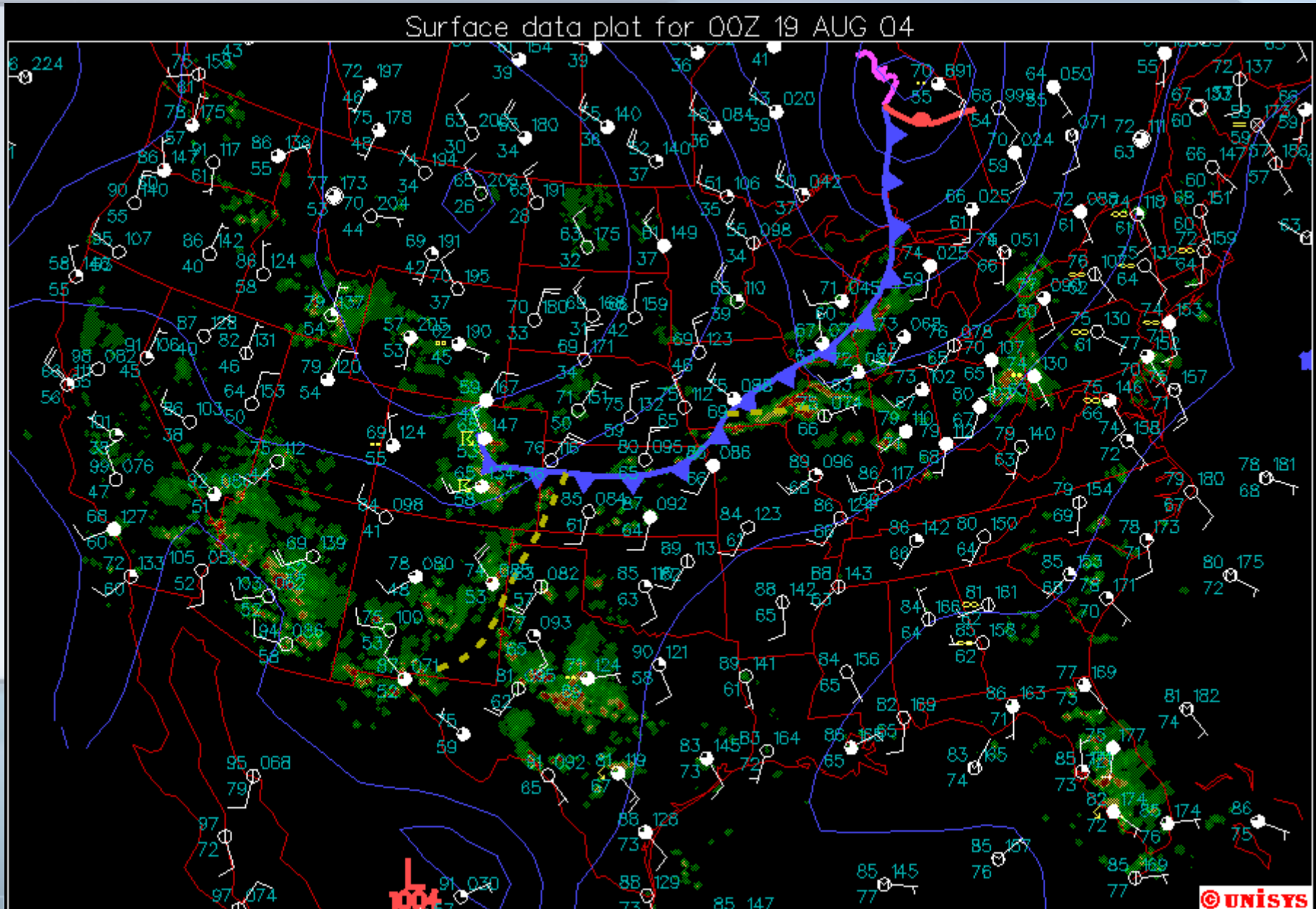
Julian Day 16302.125



```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLA.FIVEHOMEusrlocalnetscape
usrlocalnetscape:usrlocalnetscapeCool
usrlocalnetscape:usrlocalnetscapeCool
usrlocalnetscape:usrlocalnetscapeCool
XPC5HOMEusrlocalnetscapeCool
DZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
homevgnomegimpipatternsnonskipng
homevgnomegimpipatternsmottlepng
oken (explicit kill or server shutdown)
oken (explicit kill or server shutdown)
oken (explicit kill or server shutdown)
oken (explicit kill or server shutdown)
oken (explicit kill or server shutdown)
oken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
unmozillash usrlocalnetscapemozillabin
MOZILLA.FIVEHOMEusrlocalnetscape
usrlocalnetscape:usrlocalnetscapeCool
usrlocalnetscape:usrlocalnetscapeCool
usrlocalnetscape:usrlocalnetscapeCool
XPC5HOMEusrlocalnetscapeCool
DZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
oken (explicit kill or server shutdown)
```

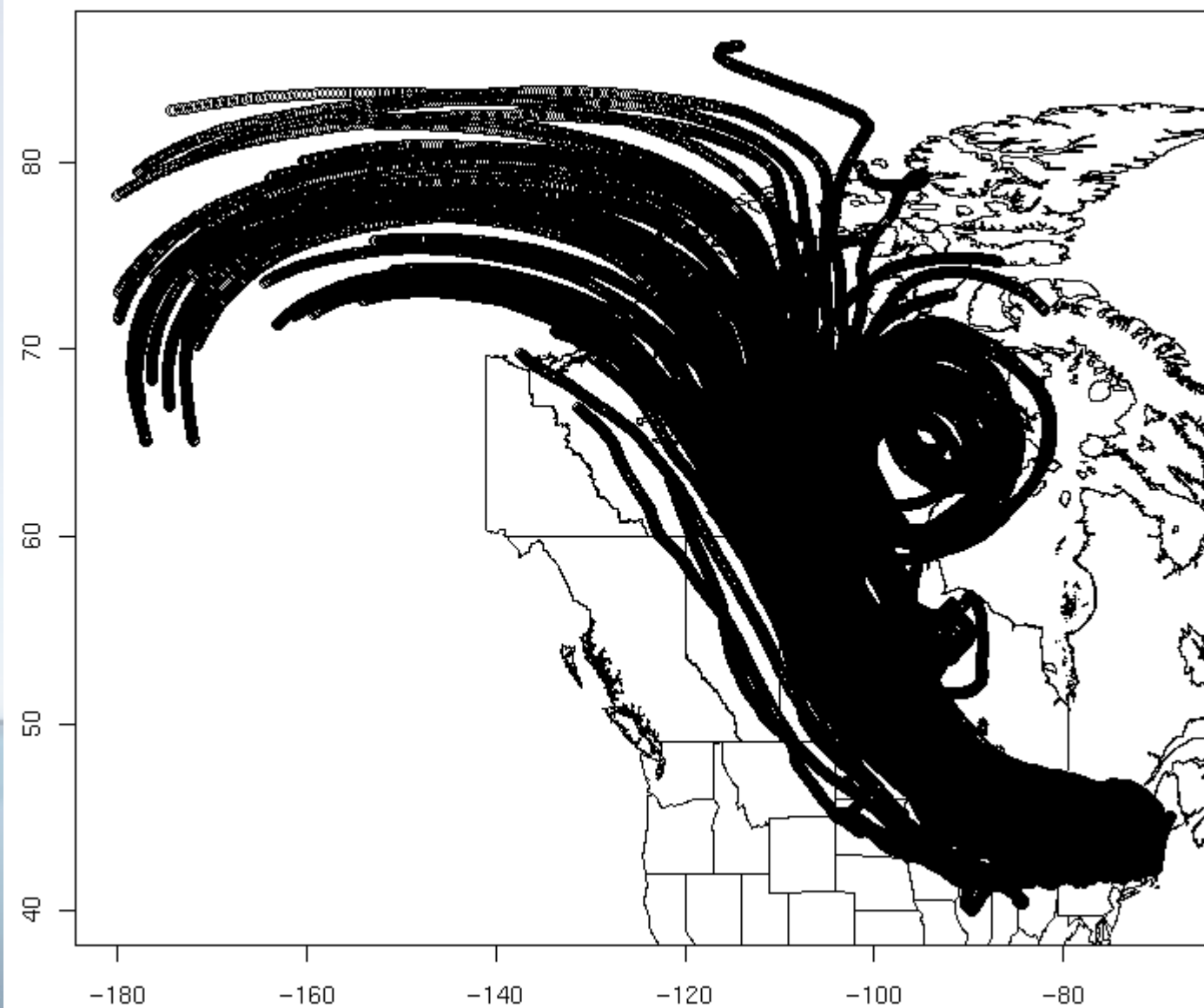
Appendix

Julian Day 16302.125



Appendix

Julian Day 16306.875

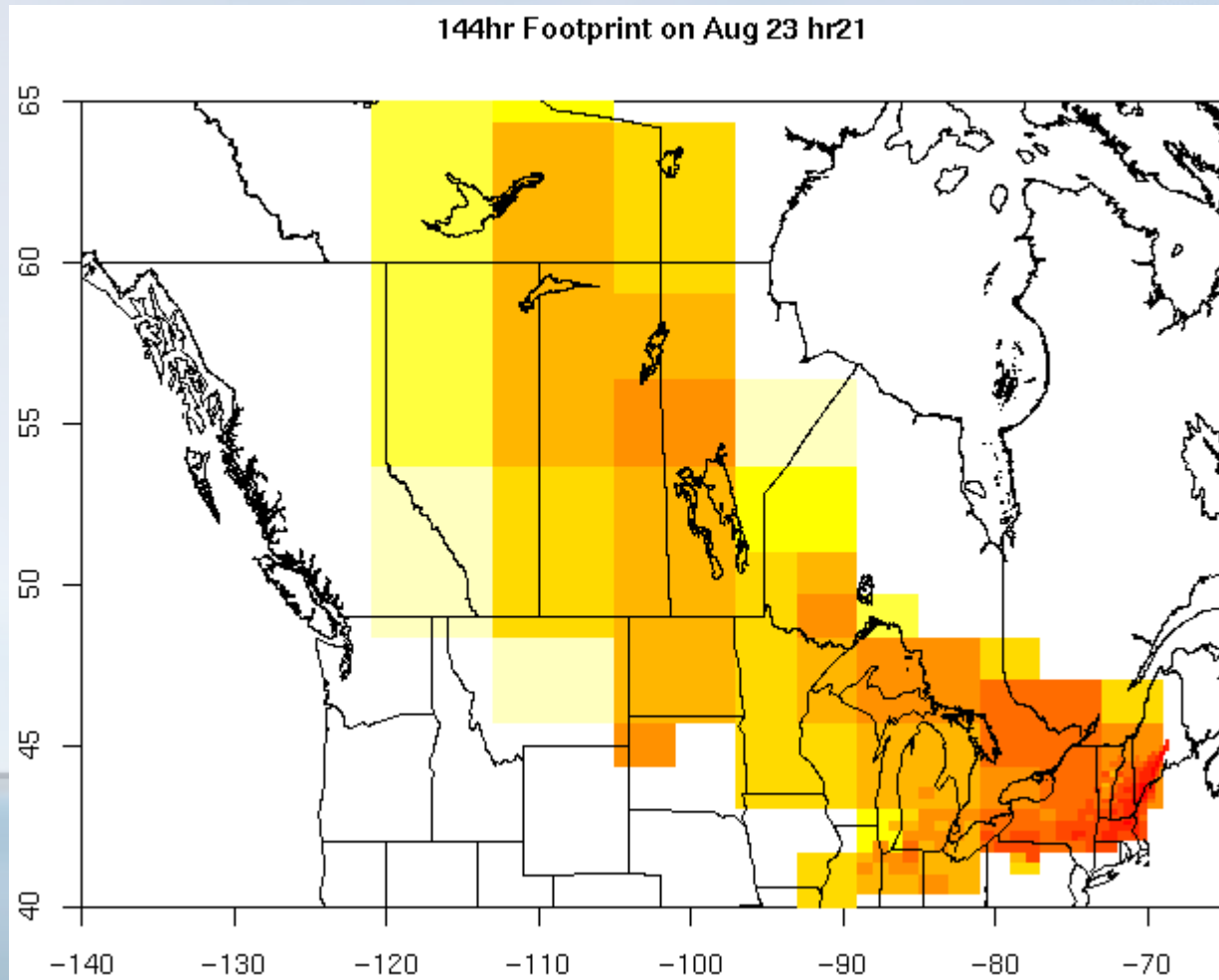


This particle run produced accurate results.

```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
1765834 in homevgnomegimpipatternsnonskipng
18765834 in homevgnomegimpipatternsmottliepng
on to :00 broken (explicit kill or server shutdown)
on to :00 broken (explicit kill or server shutdown)
on to :00 broken (explicit kill or server shutdown)
on to :00 broken (explicit kill or server shutdown)
on to :00 broken (explicit kill or server shutdown)
on to :00 broken (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
alnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LIBRARYPATHusrlocalnetscape:usrlocalnetscapeCool
LIBPATHusrlocalnetscape:usrlocalnetscapeCool
SHLIBPATHusrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
MOZPROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
on to :00 broken (explicit kill or server shutdown)
```

Appendix

Julian Day 16306.875



```
usrlocalnetscaperunmozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
LOCALBINARYPATHusrlocalnetscape:usrlocalnetscapeCool
usrlocalnetscape:usrlocalnetscapeCool
usrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
PROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
nevgnomegimpipatternsnonskipng
omevgnomegimpipatternsmottlepng
ten (explicit kill or server shutdown)
ten (explicit kill or server shutdown)
ten (explicit kill or server shutdown)
ten (explicit kill or server shutdown)
ten (explicit kill or server shutdown)
ten (explicit kill or server shutdown)
Hey : You are in QFA Shutdown
mozillash usrlocalnetscapemozillabin
MOZILLAHOMEusrlocalnetscape
usrlocalnetscape:usrlocalnetscapeCool
usrlocalnetscape:usrlocalnetscapeCool
usrlocalnetscape:usrlocalnetscapeCool
XPCSHOMEusrlocalnetscapeCool
PROGRAMusrlocalnetscapemozillabin
MOZTOOLKIT
mozdebug0
mozdebugger
I am inside the initialize
Hey : You are in QFA Startup
(QFA)Talk-back loaded Ok
Hey : You are in QFA Shutdown
ten (explicit kill or server shutdown)
```


Appendix

Julian Day 16306.875

