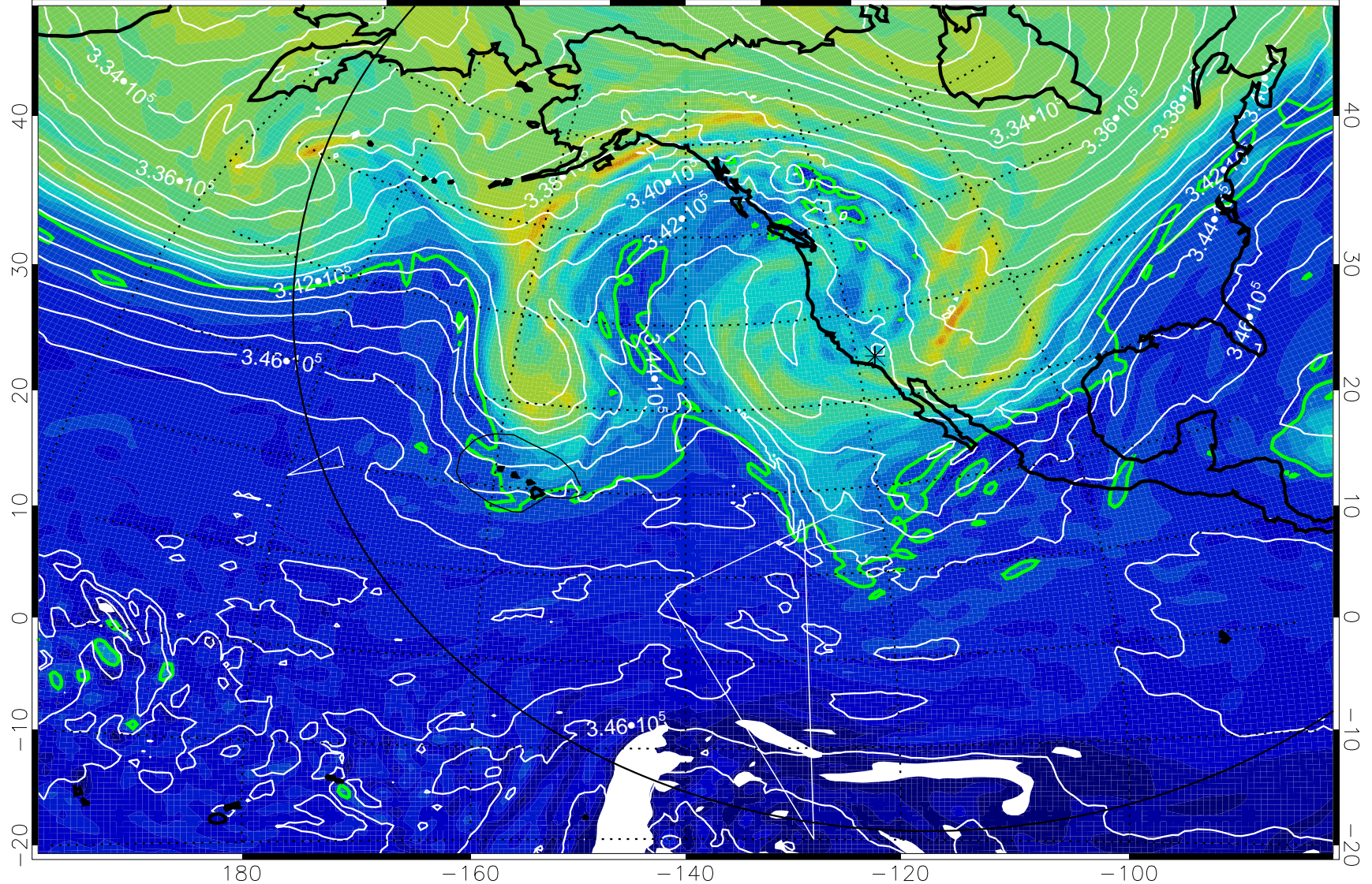


13011518, 6 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

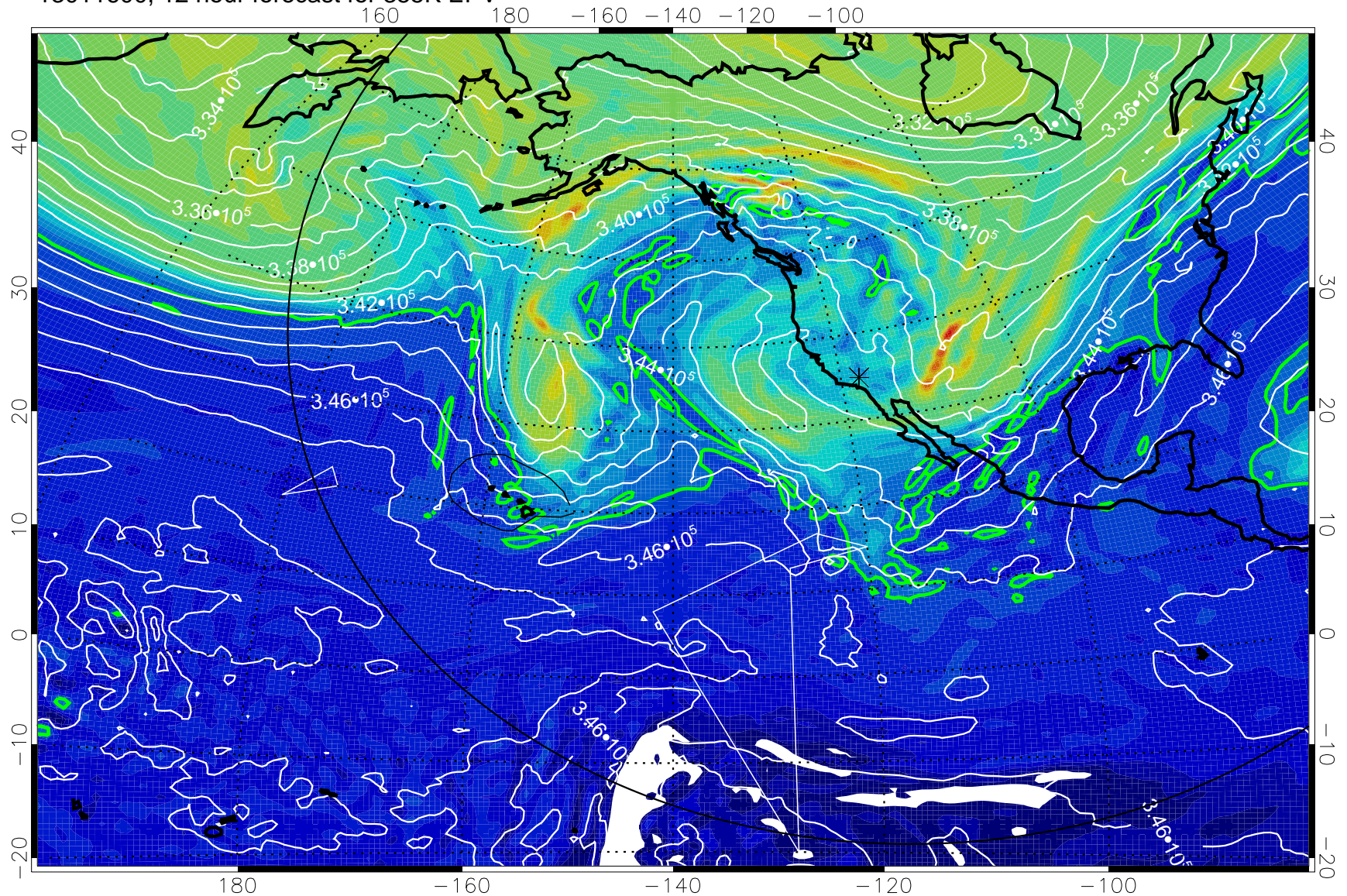


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



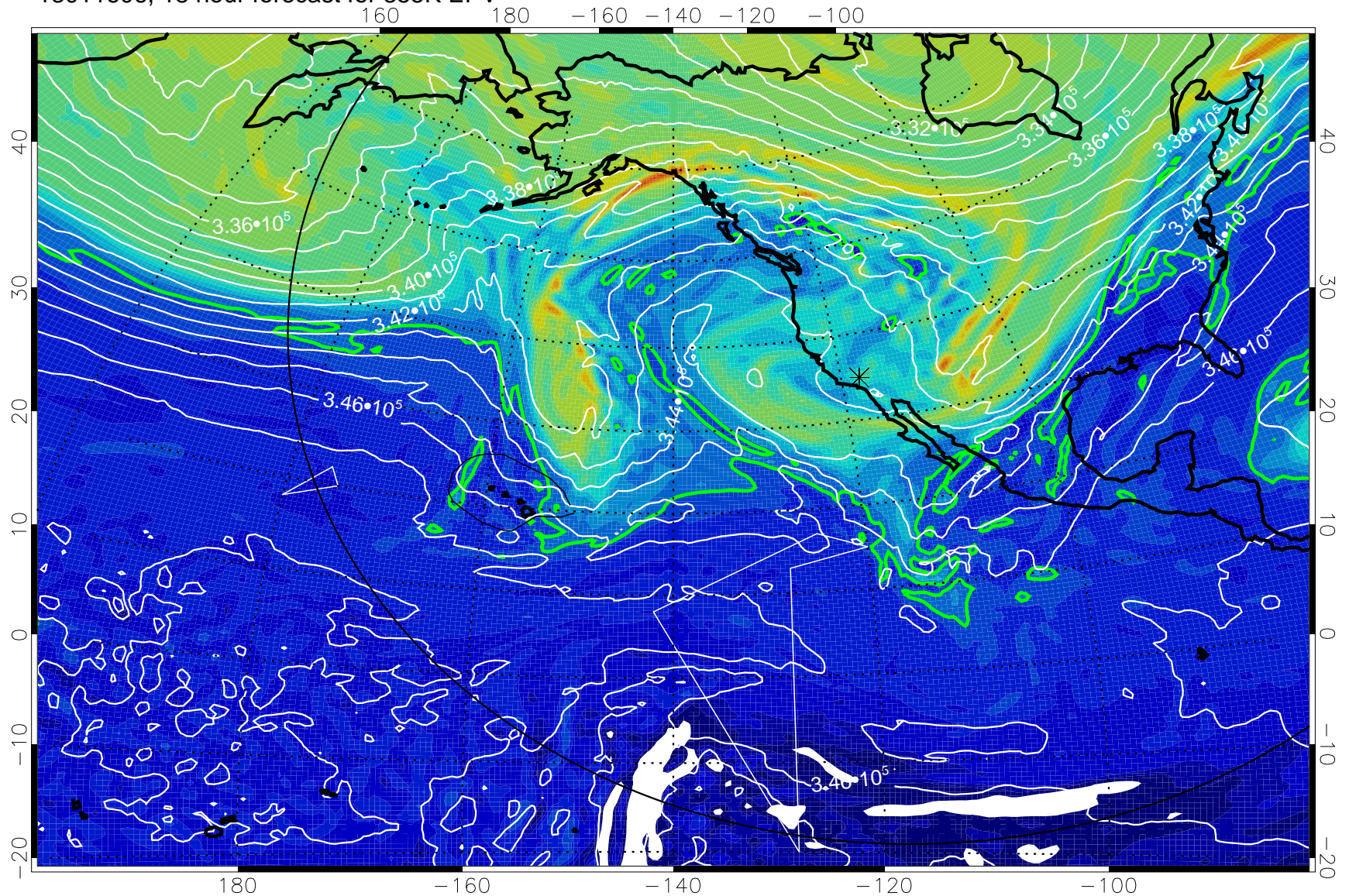
13011600, 12 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



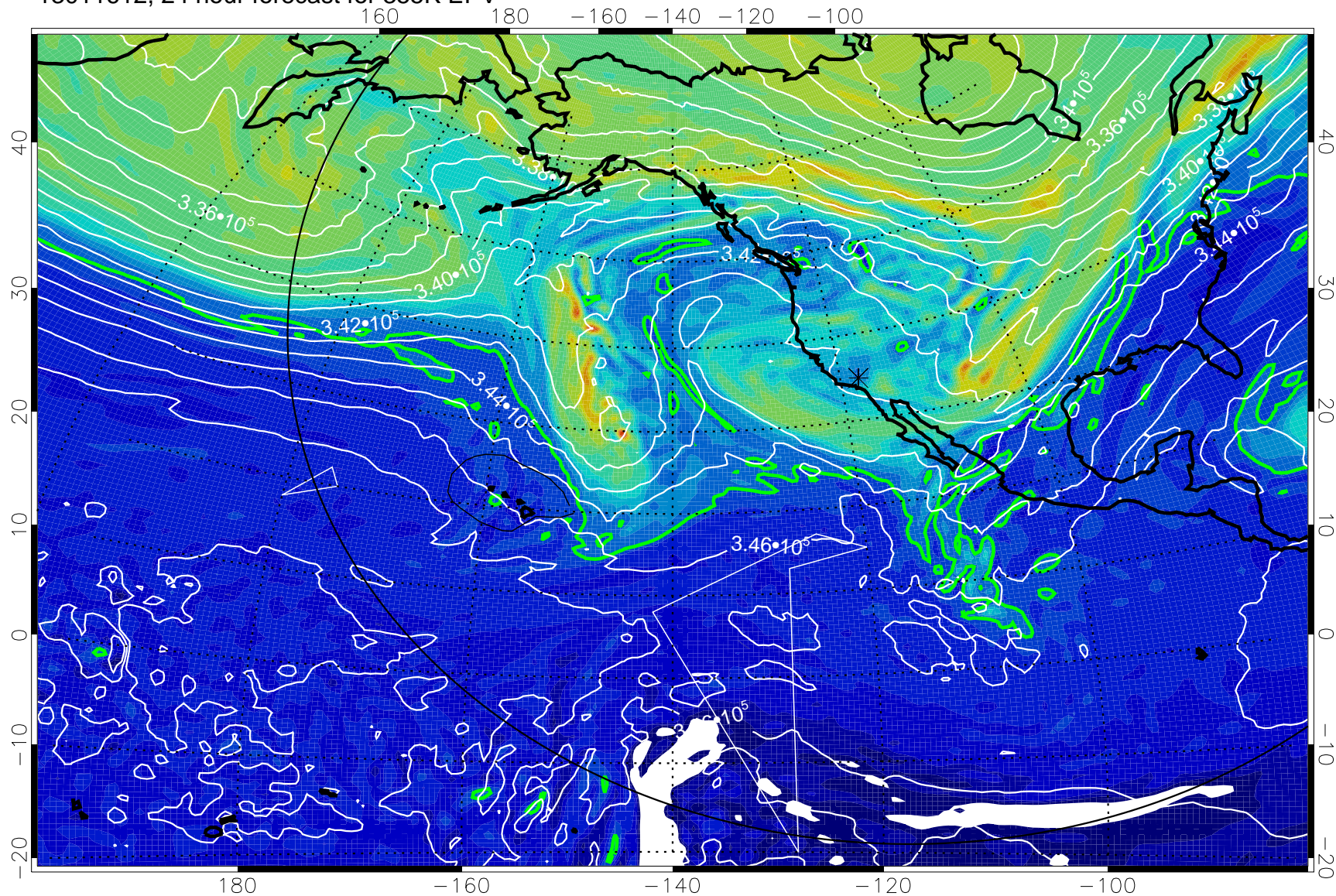
13011606, 18 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



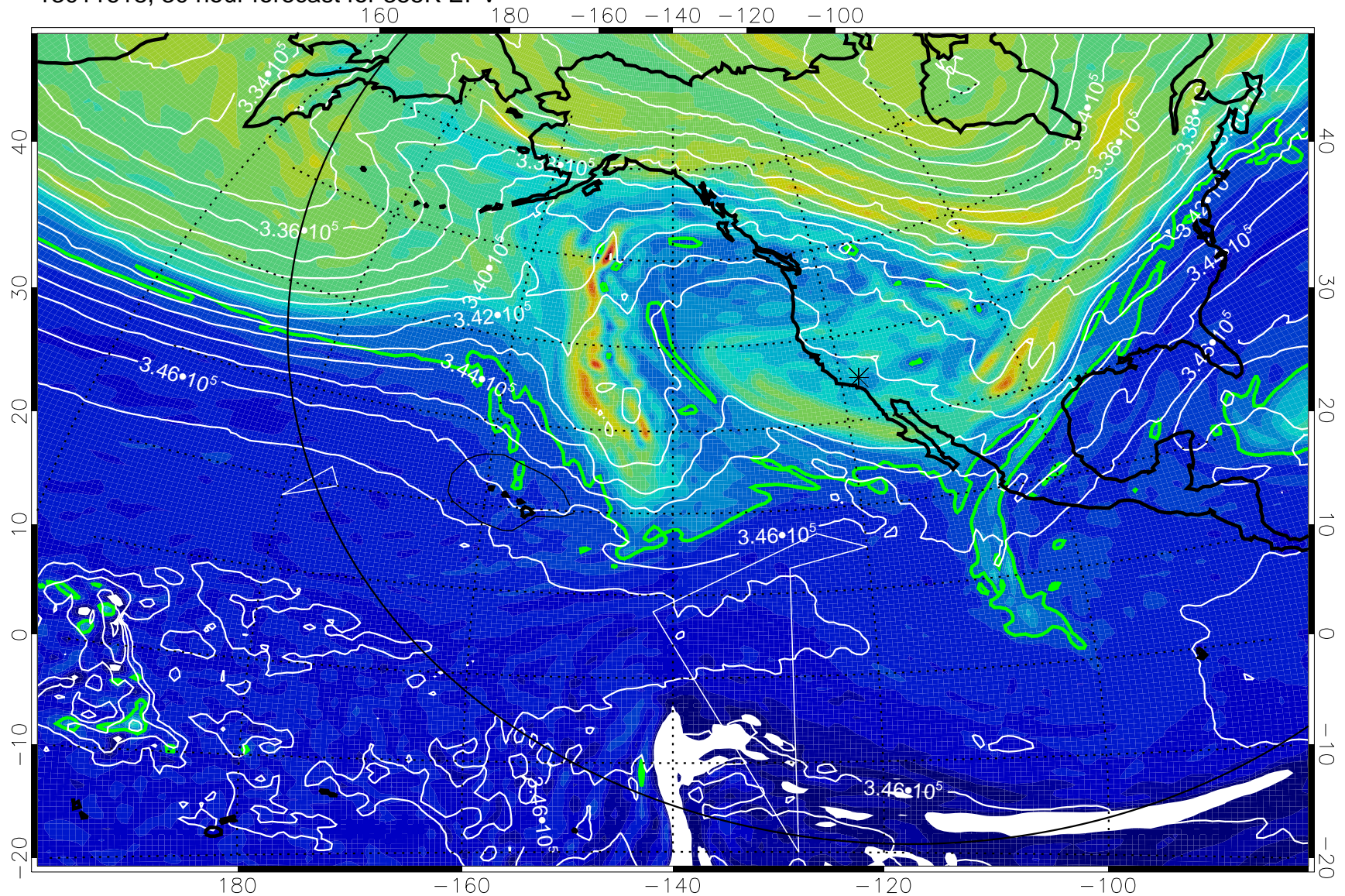
13011612, 24 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



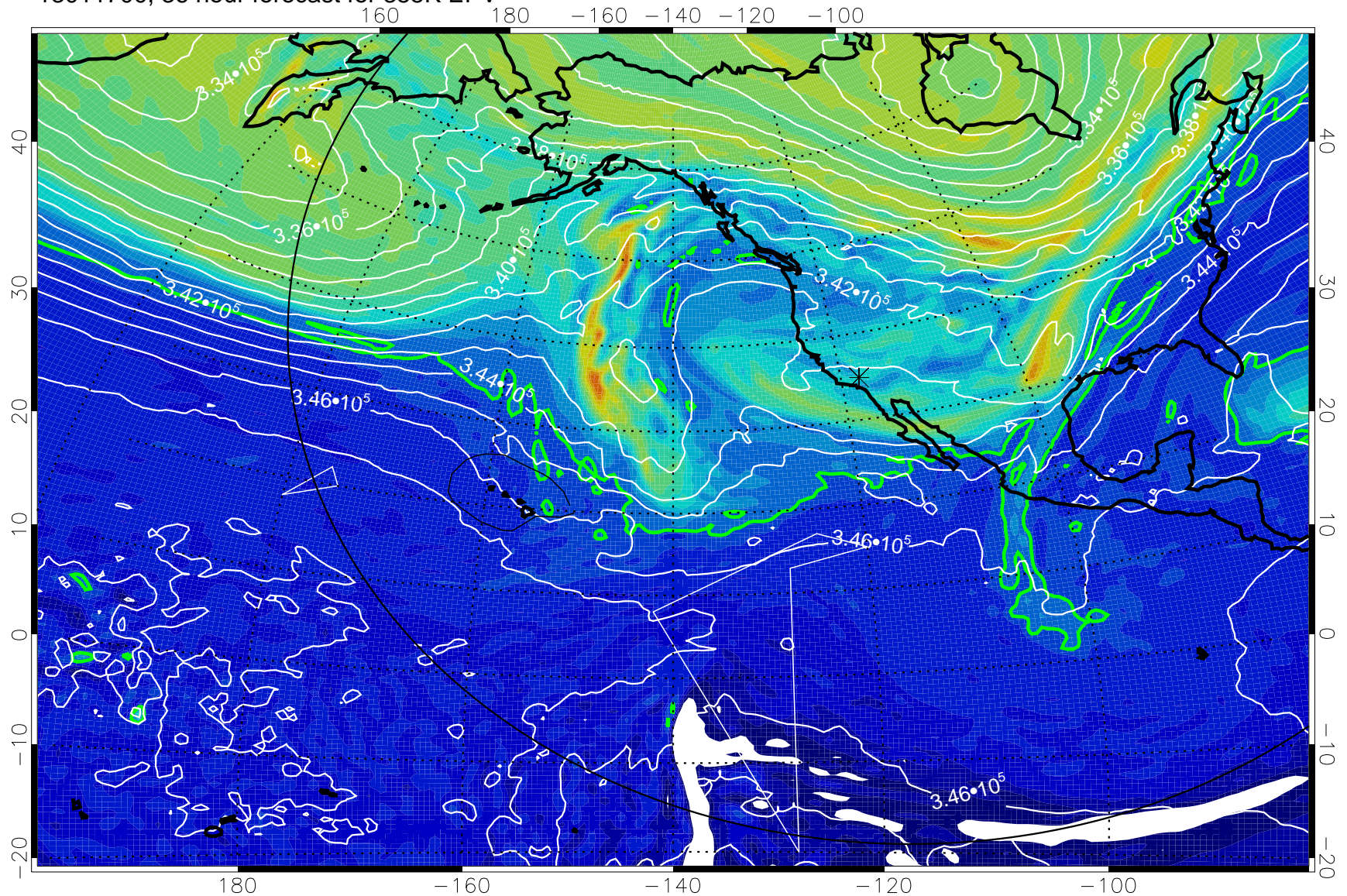
13011618, 30 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13011700, 36 hour forecast for 355K EPV

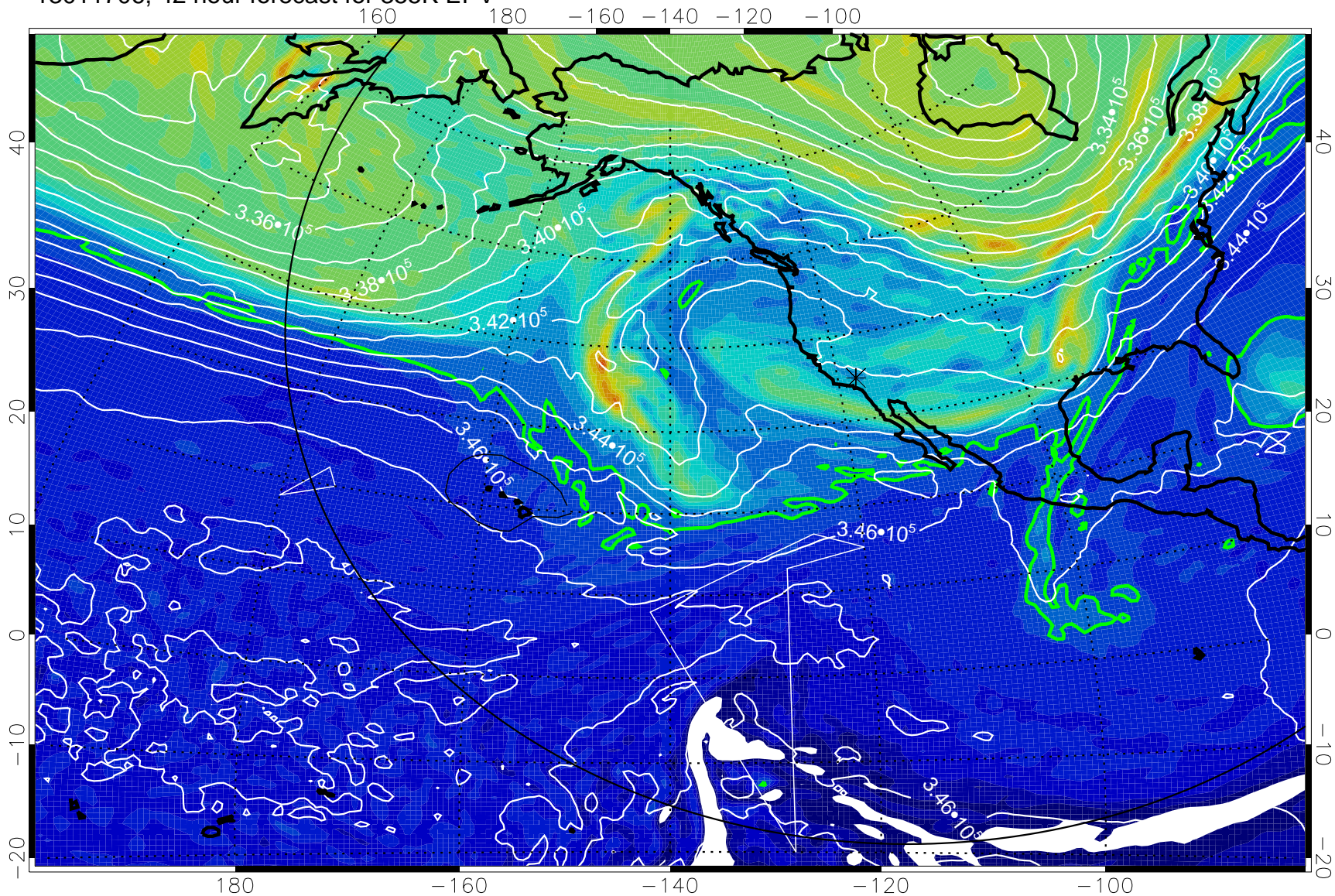


PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



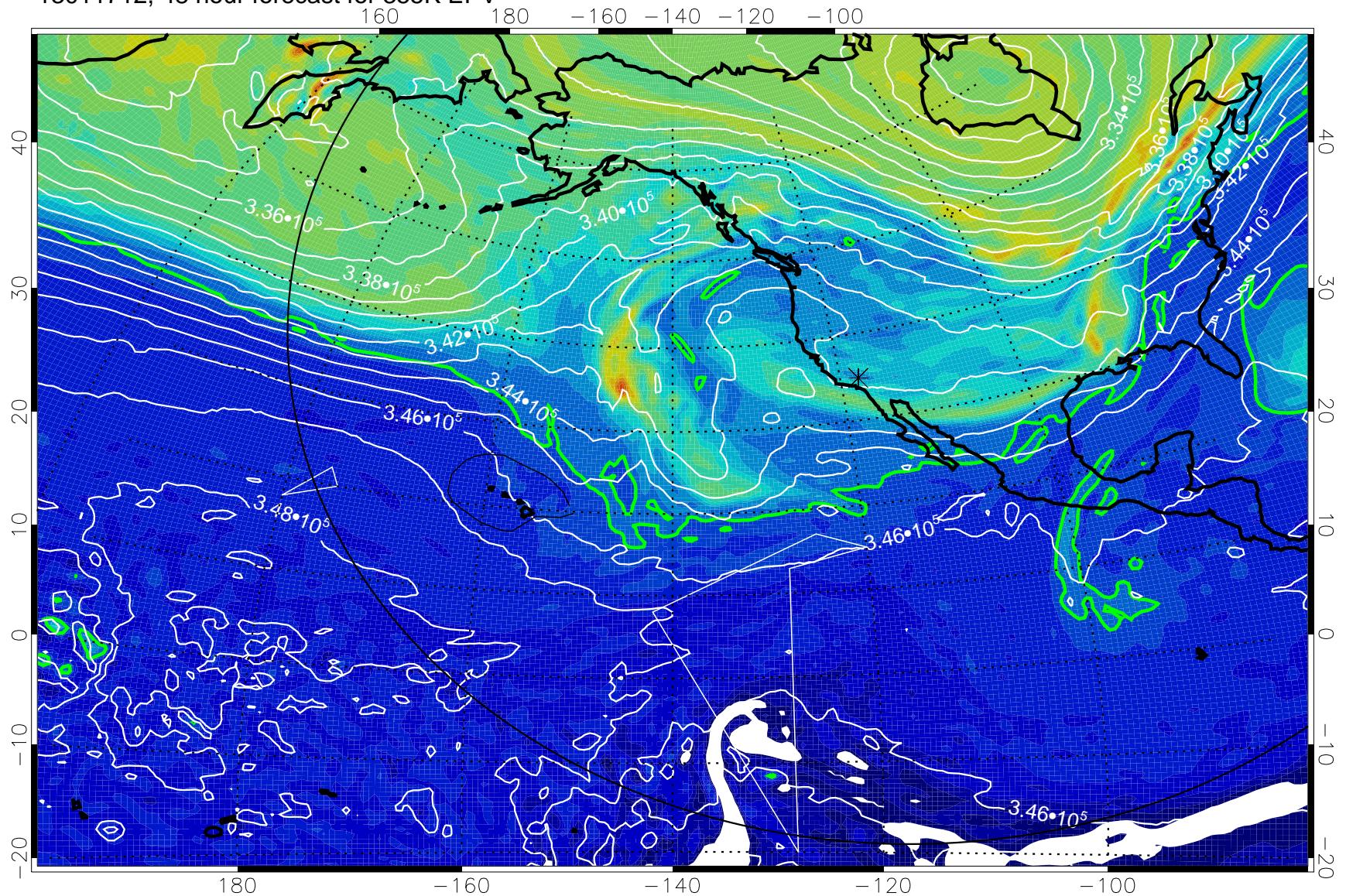
13011706, 42 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



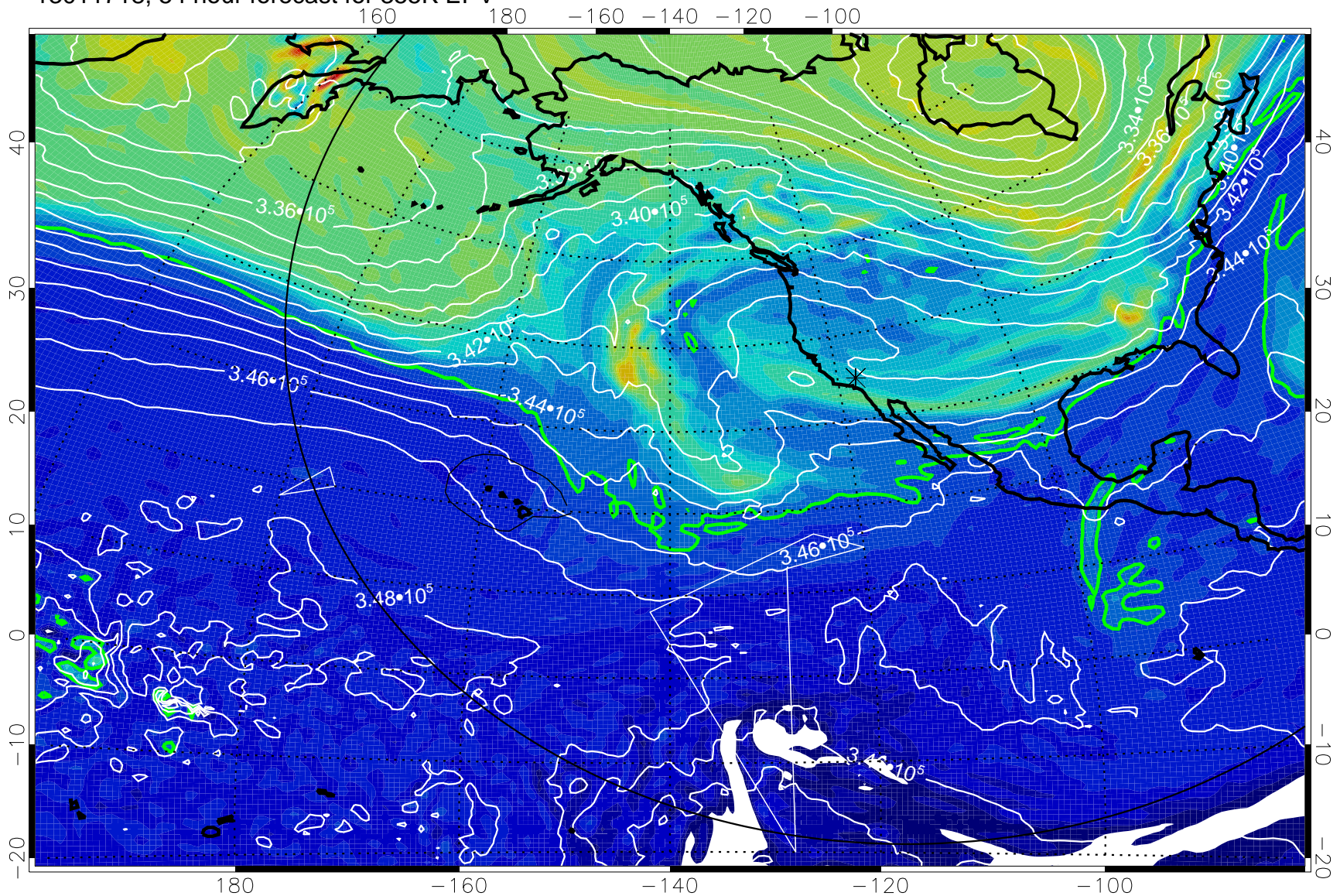
13011712, 48 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



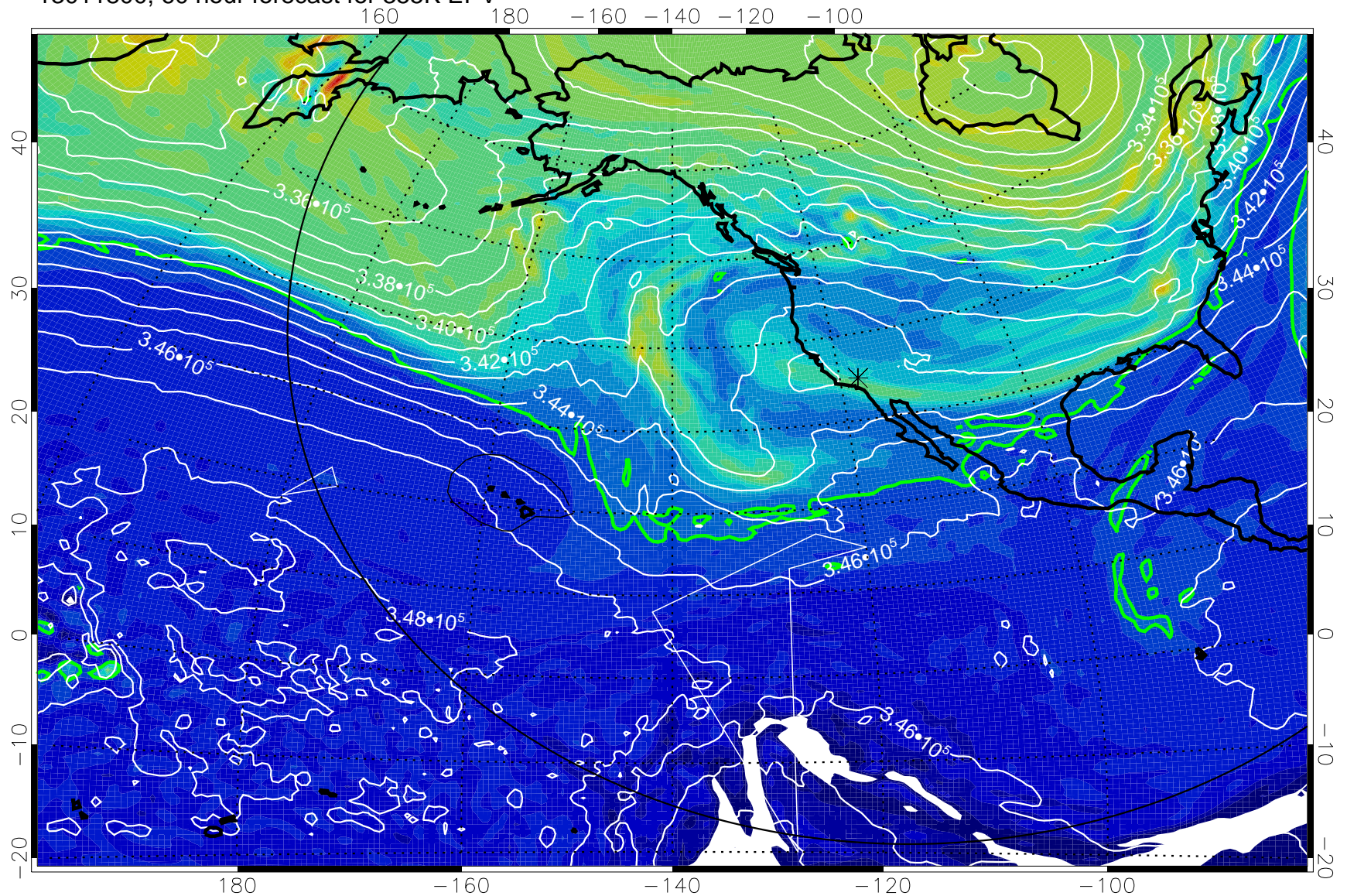
13011718, 54 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13011800, 60 hour forecast for 355K EPV

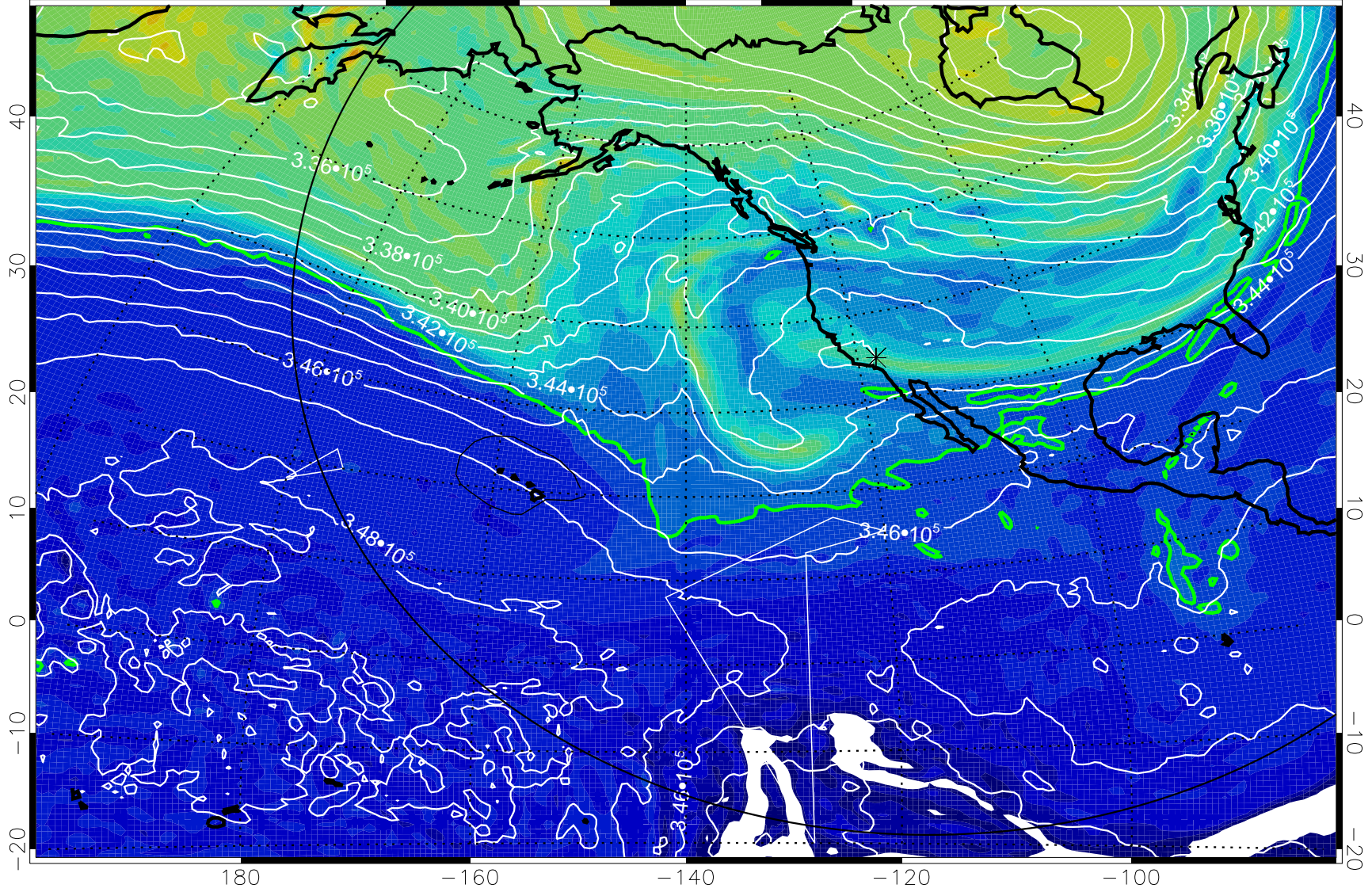


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13011806, 66 hour forecast for 355K EPV

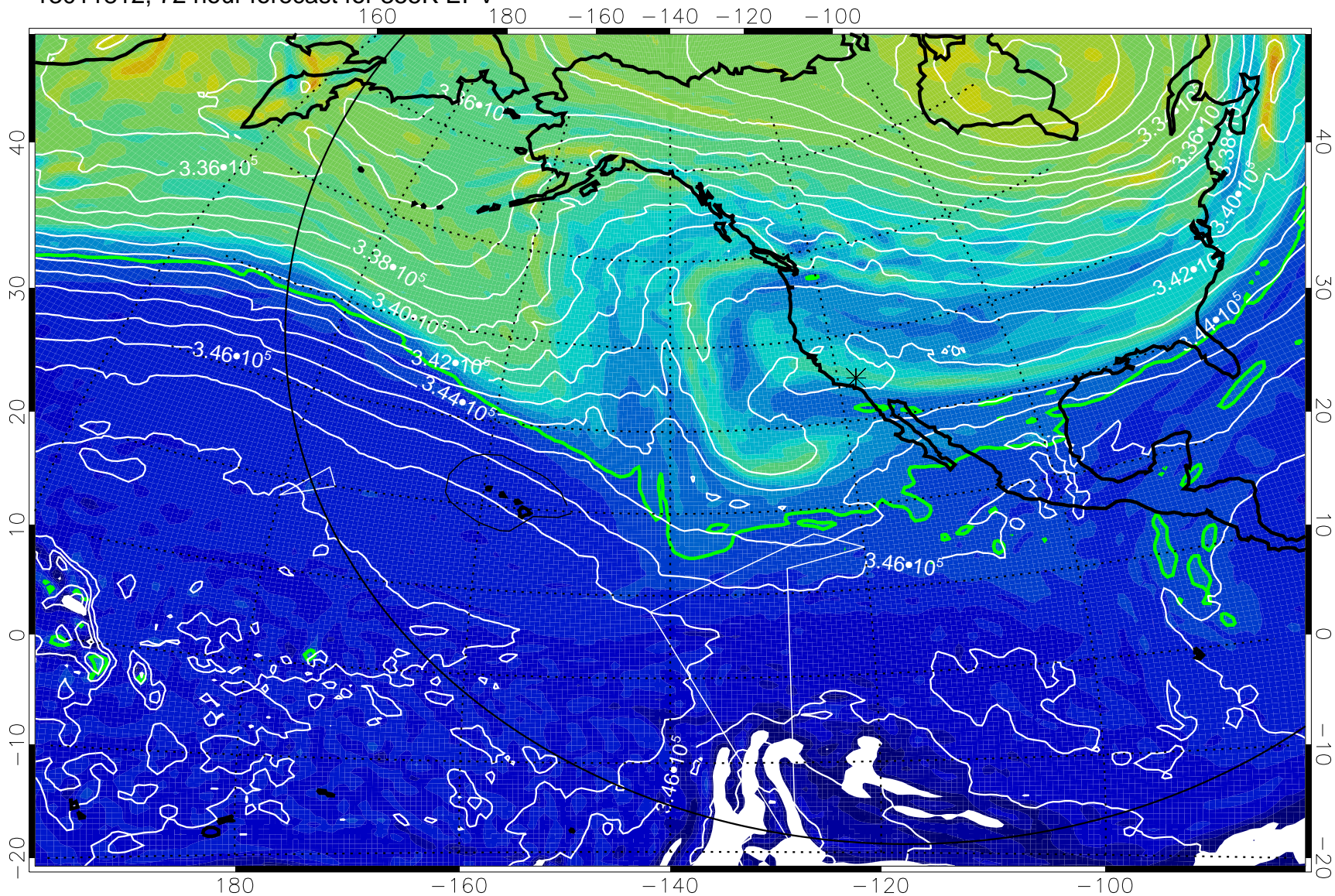
160 180 -160 -140 -120 -100



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13011812, 72 hour forecast for 355K EPV

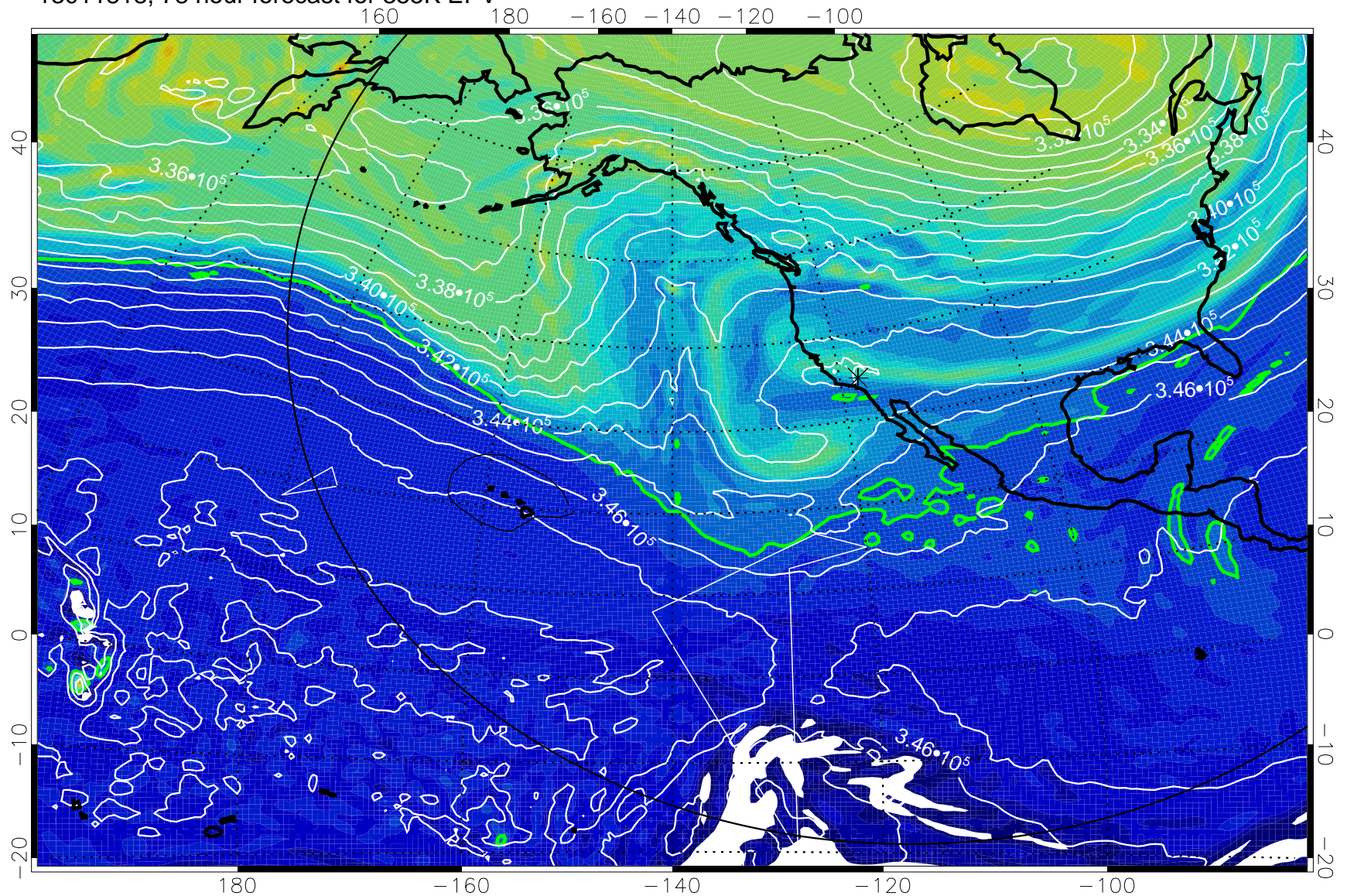


0 5.0 $\cdot 10^{-6}$  1.0 $\cdot 10^{-5}$  1.5 $\cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13011818, 78 hour forecast for 355K EPV

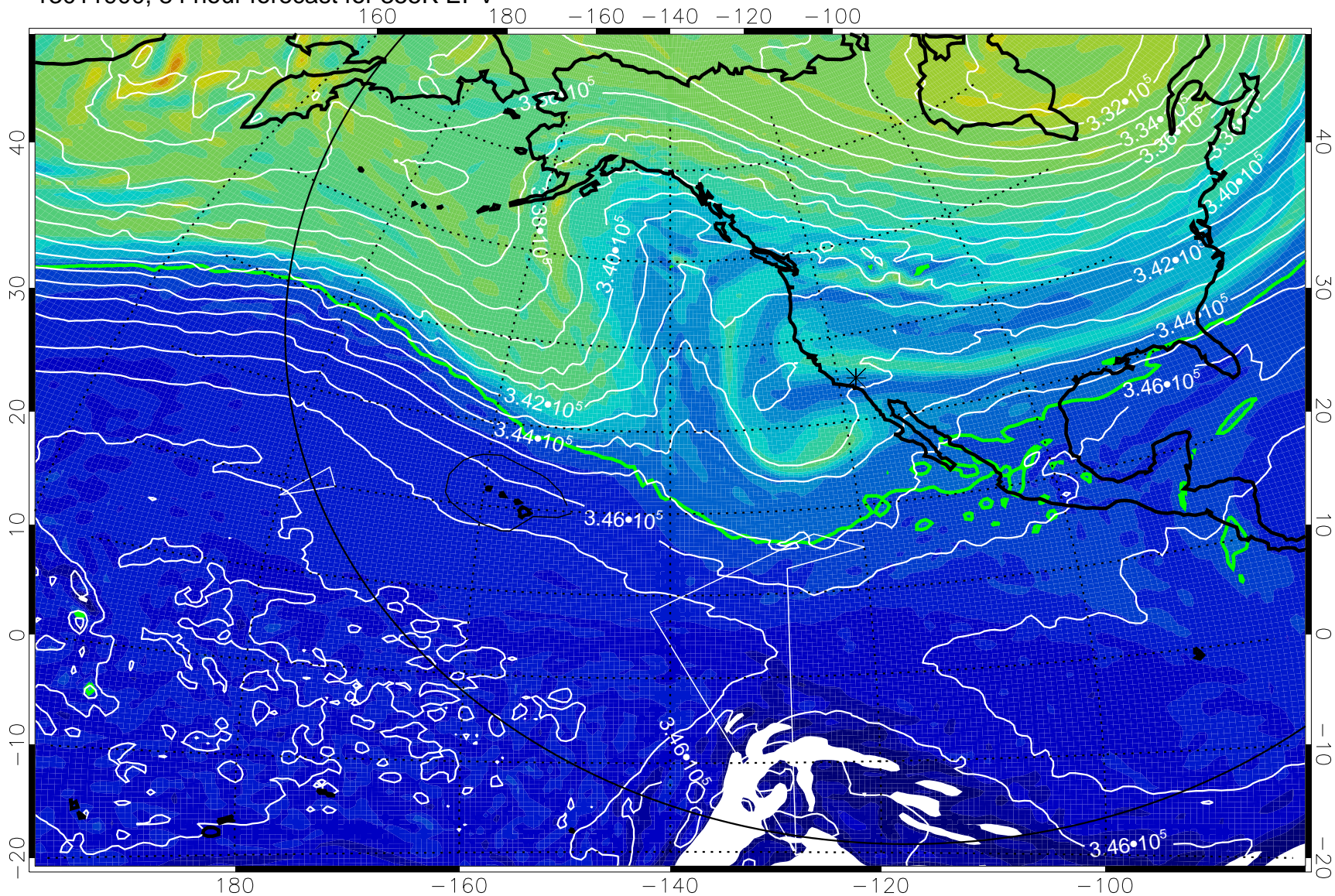


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13011900, 84 hour forecast for 355K EPV



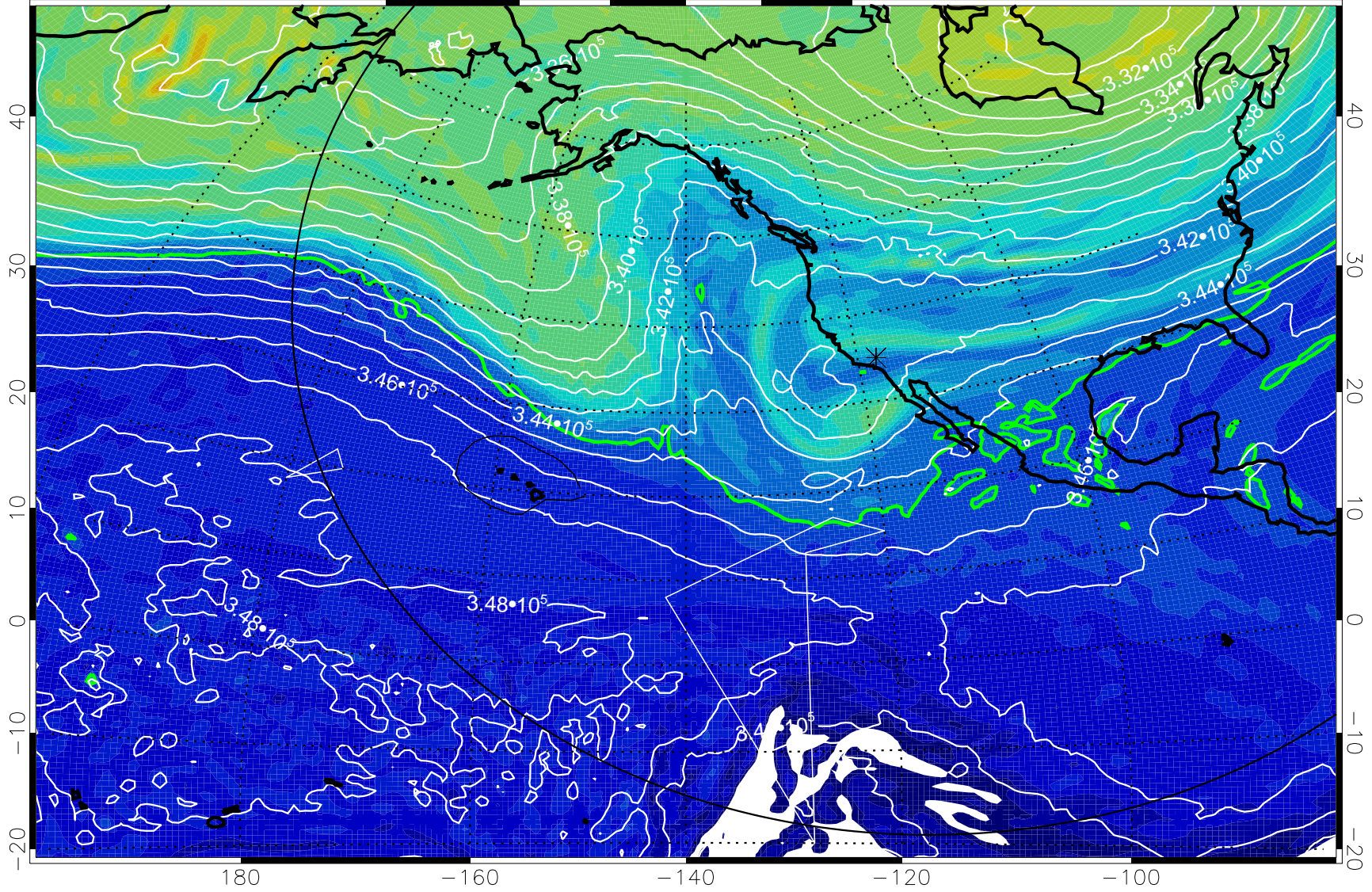
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13011906, 90 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

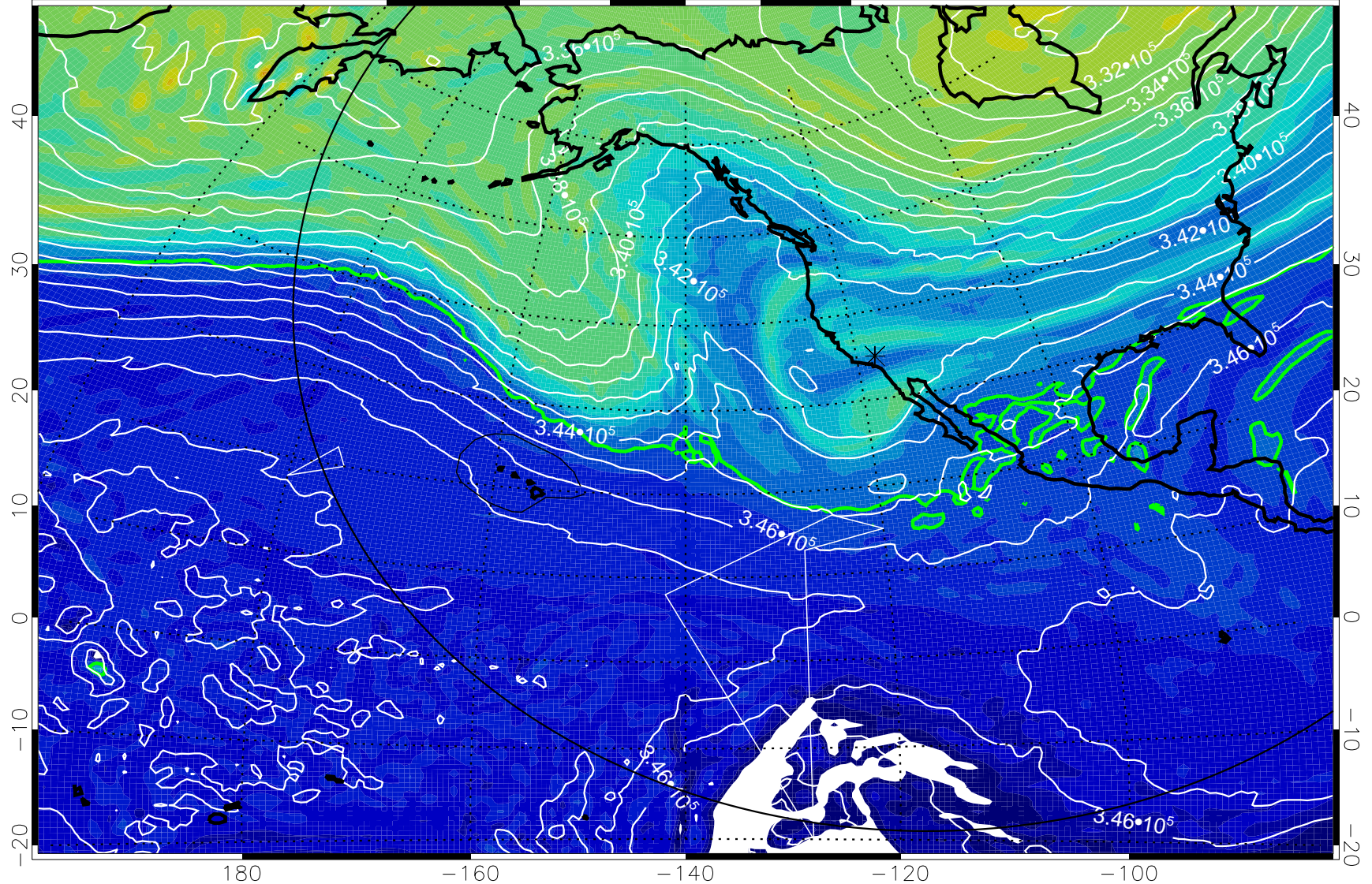


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13011912, 96 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



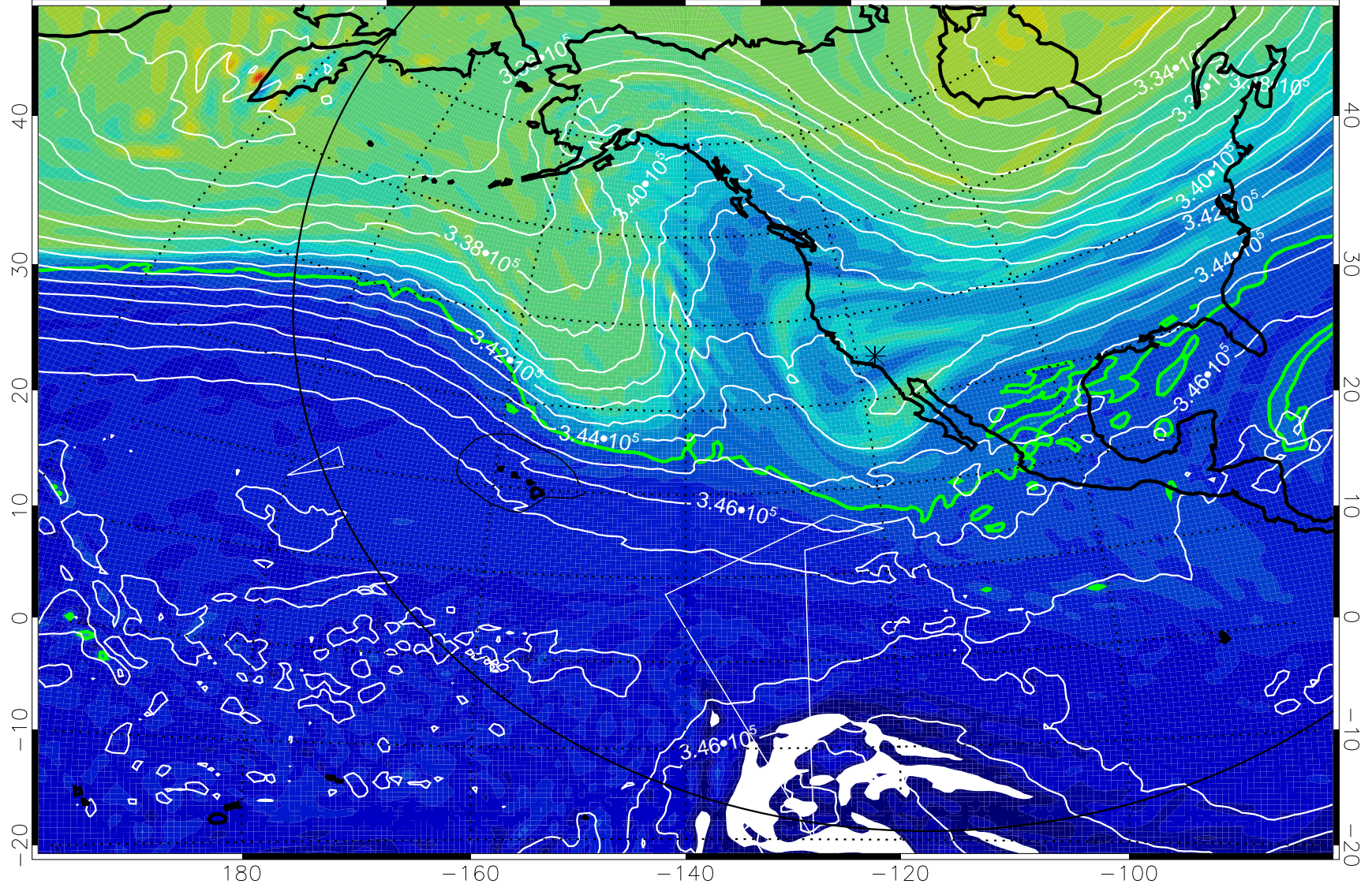
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13011918, 102 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



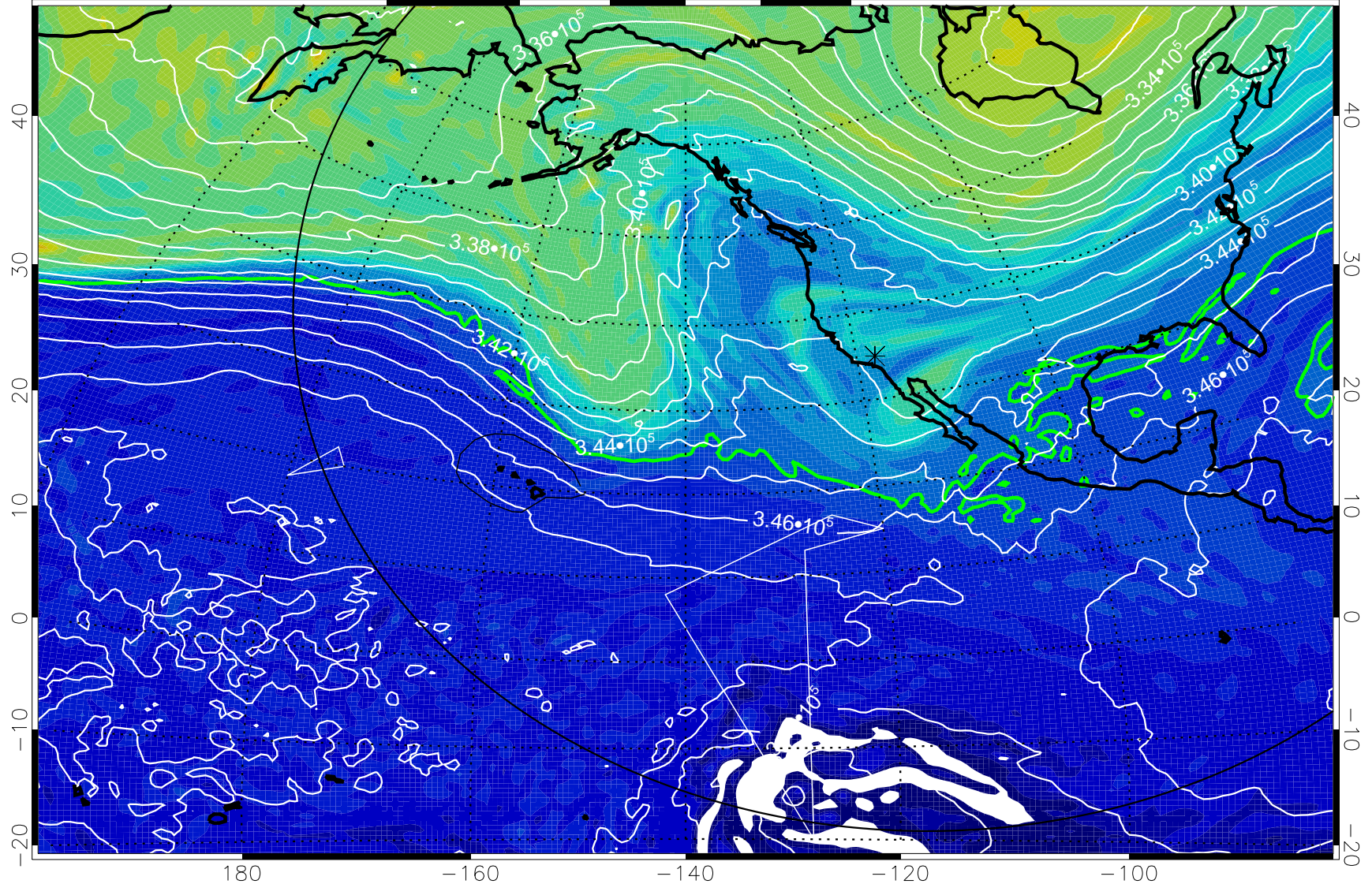
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13012000, 108 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



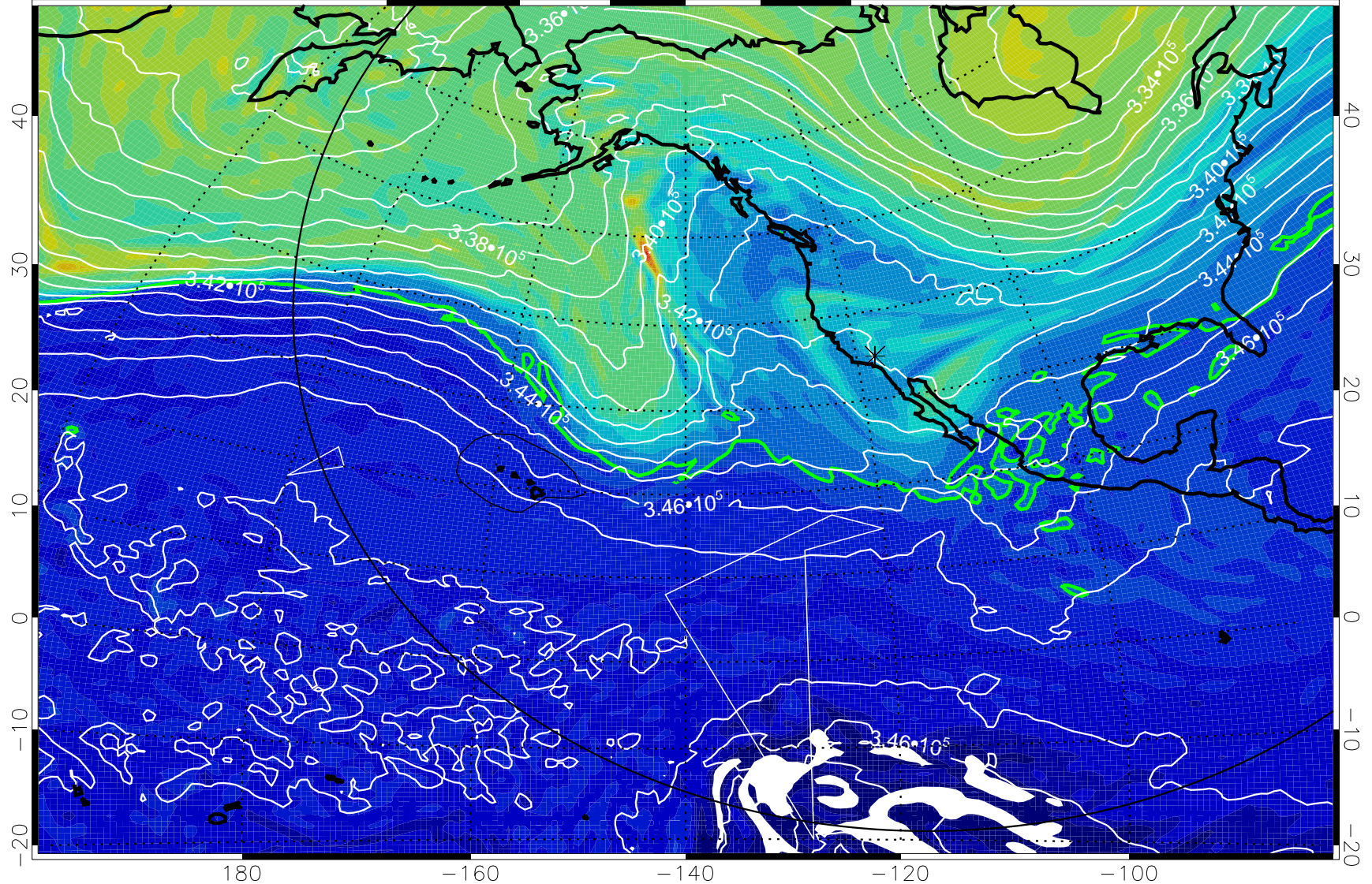
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13012006, 114 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



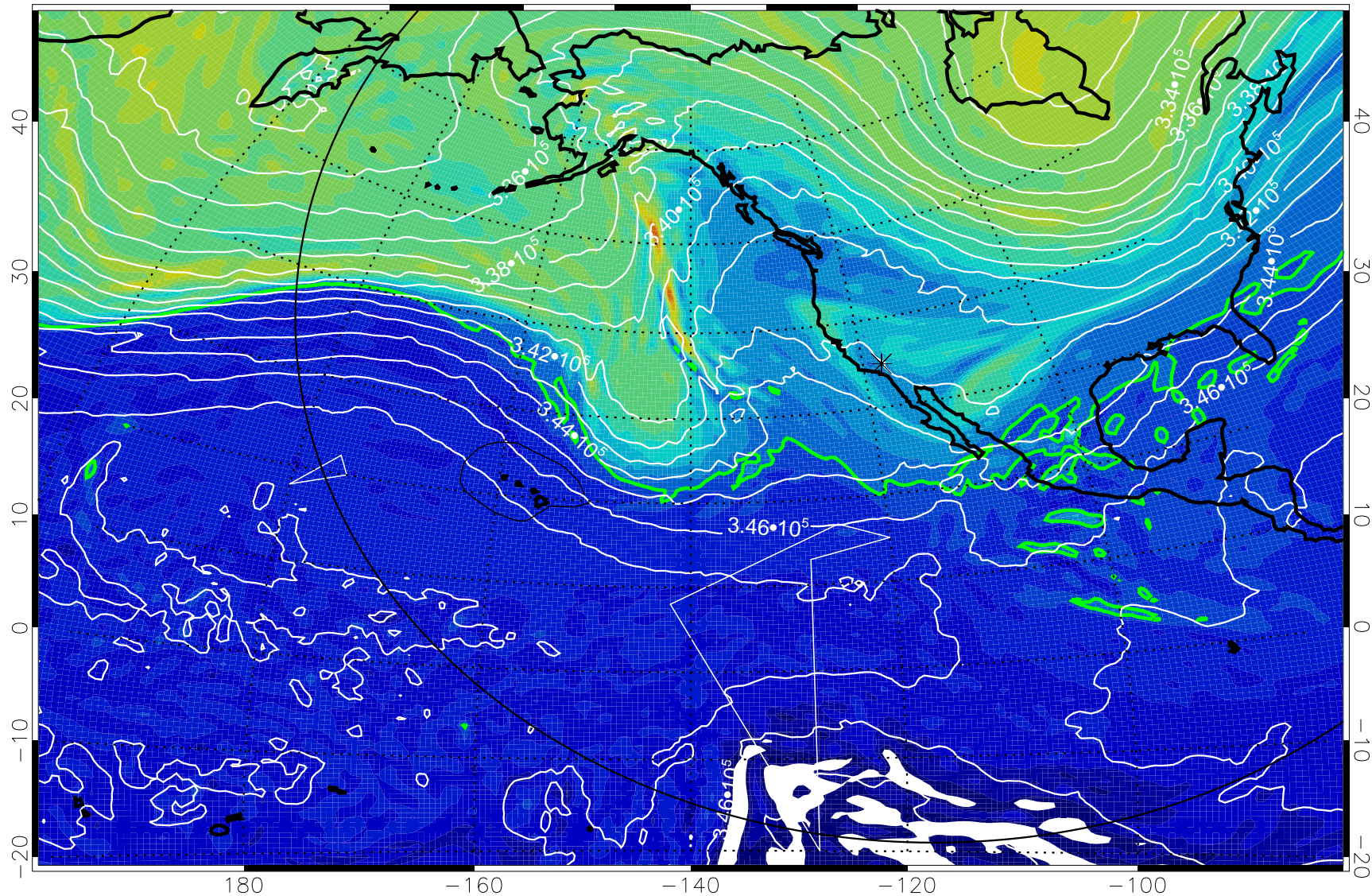
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13012012, 120 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip