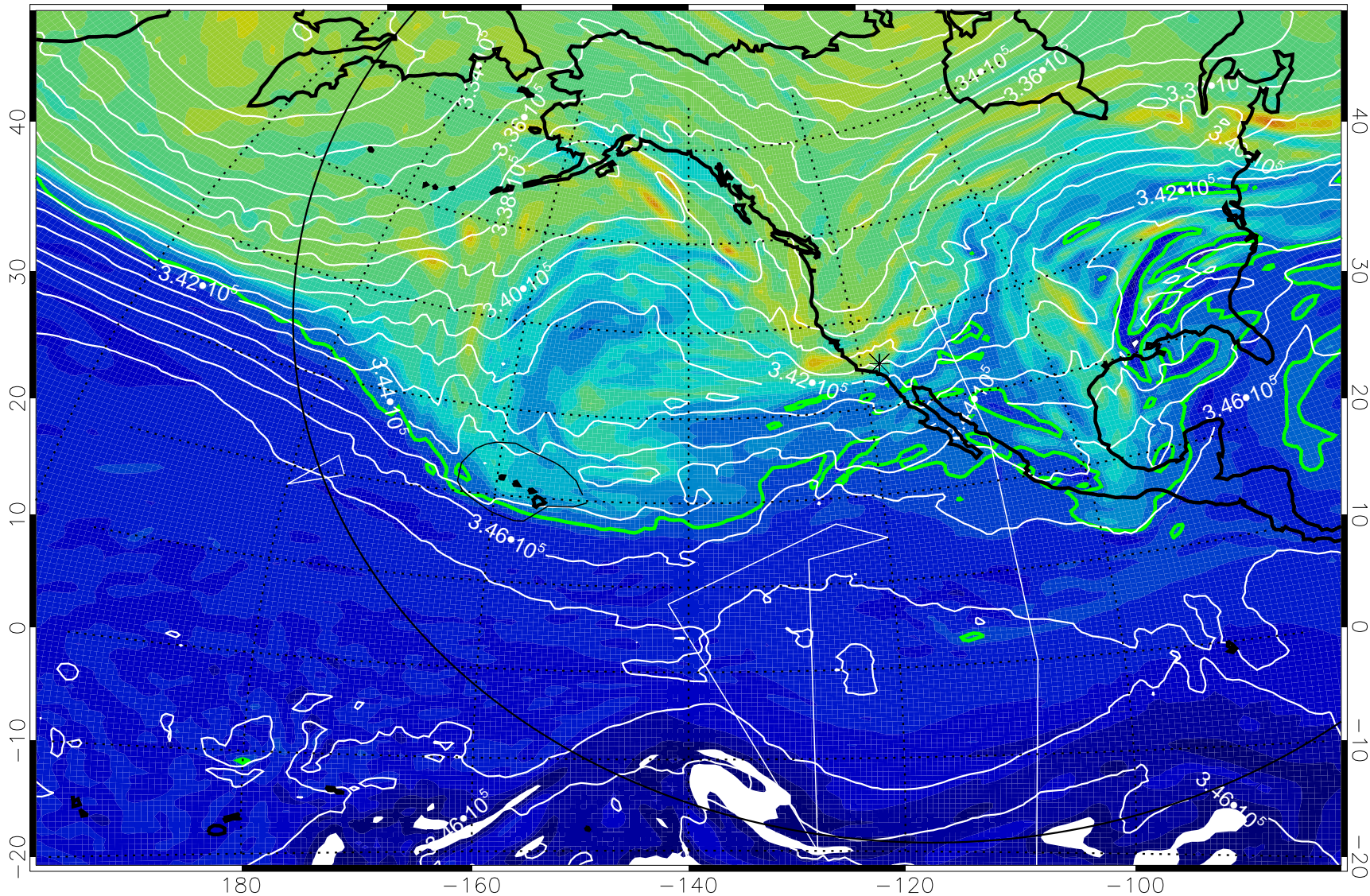


13011018, 6 hour forecast for 355K EPV

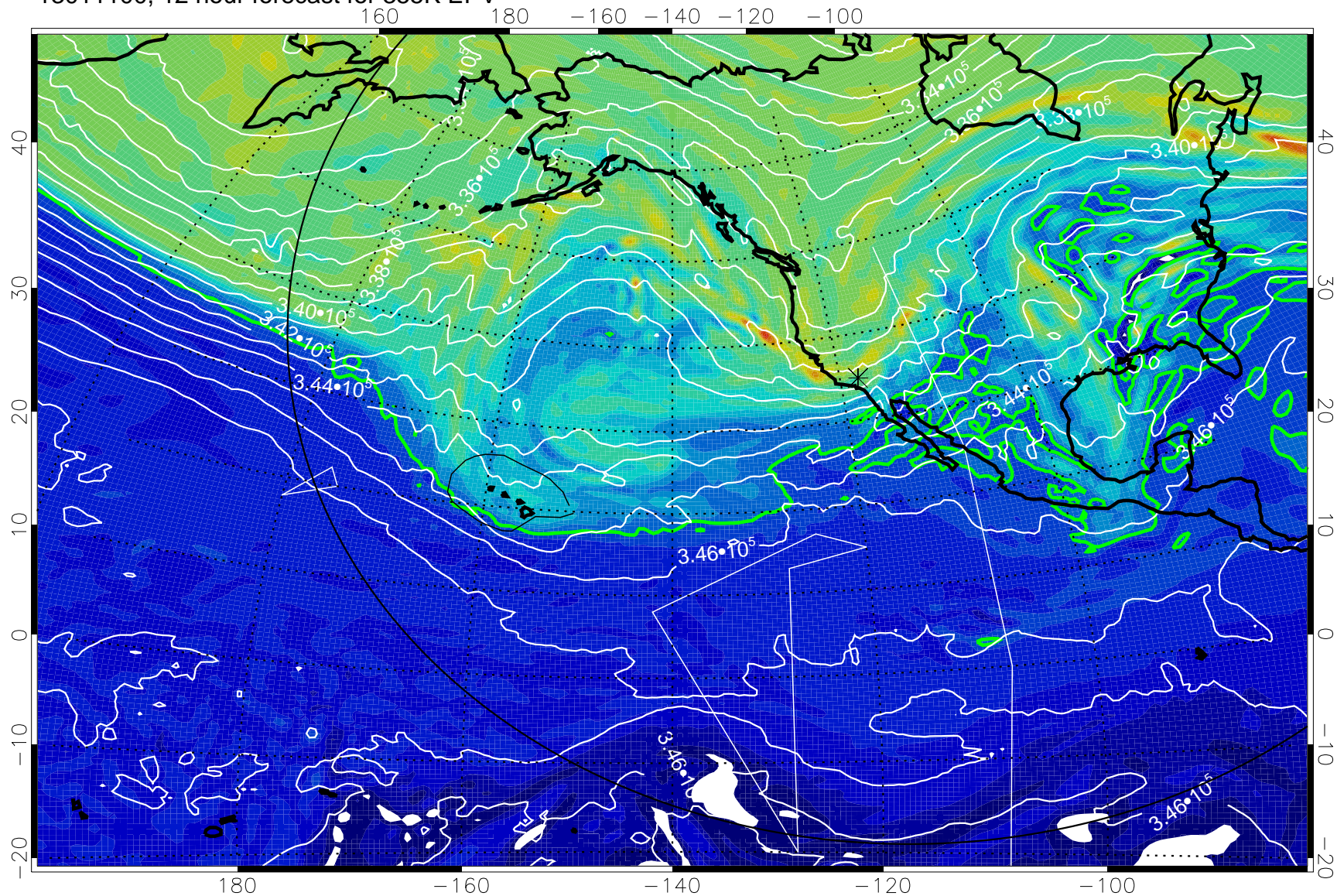
160 180 -160 -140 -120 -100



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

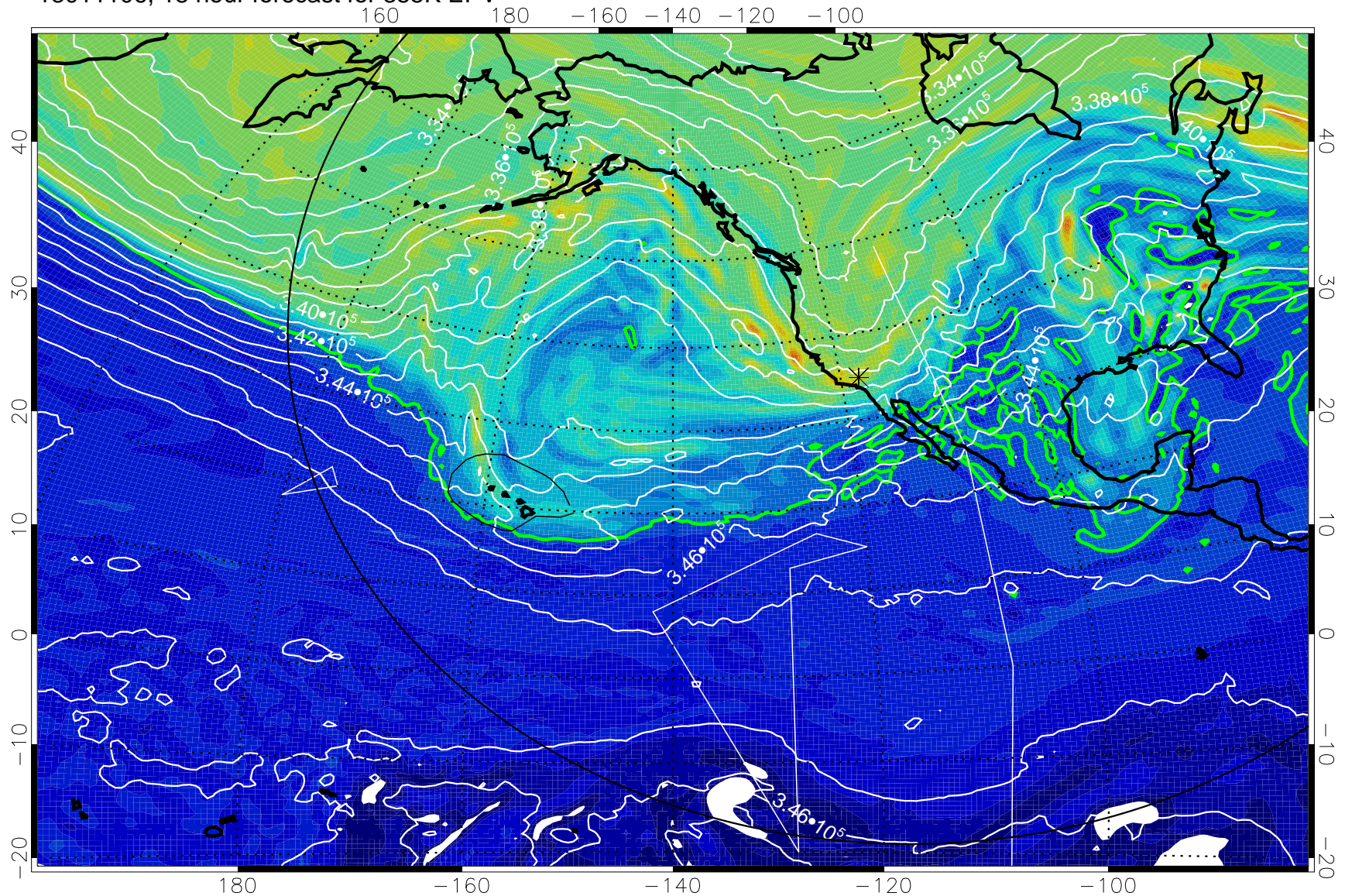
13011100, 12 hour forecast for 355K EPV



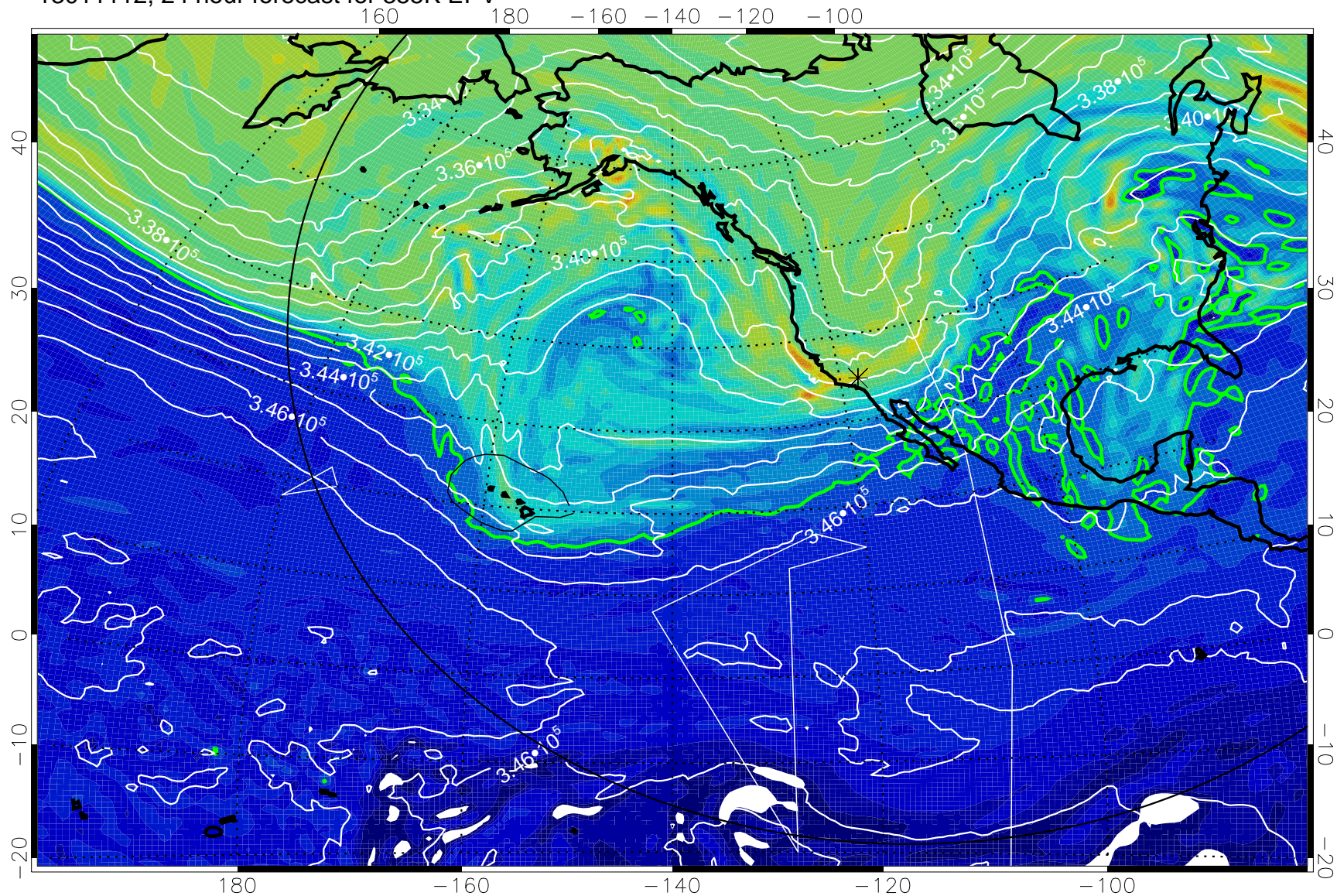
0       $5.0 \cdot 10^{-6}$        $1.0 \cdot 10^{-5}$        $1.5 \cdot 10^{-5}$   
PVU

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

13011106, 18 hour forecast for 355K EPV



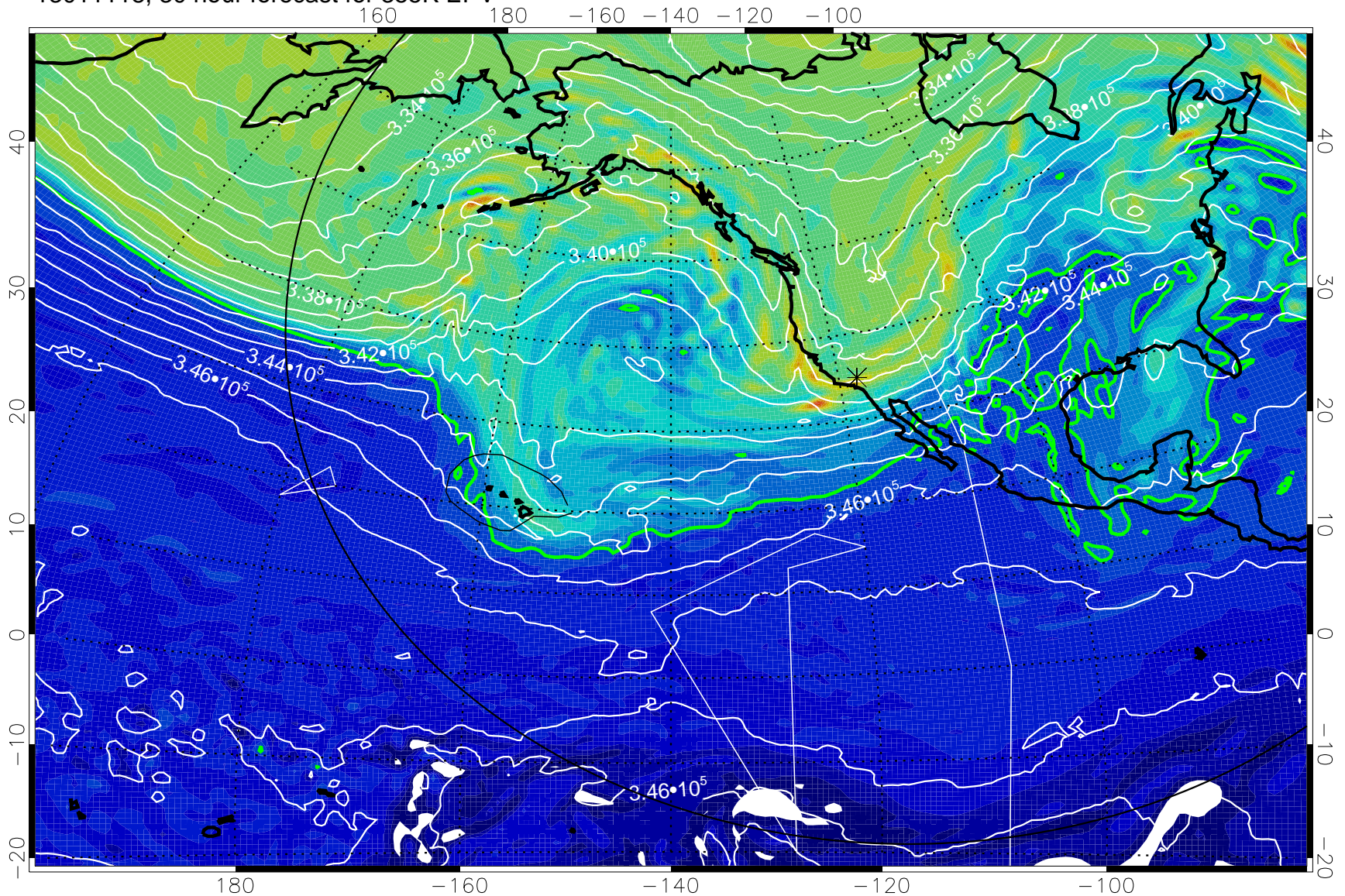
13011112, 24 hour forecast for 355K EPV



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

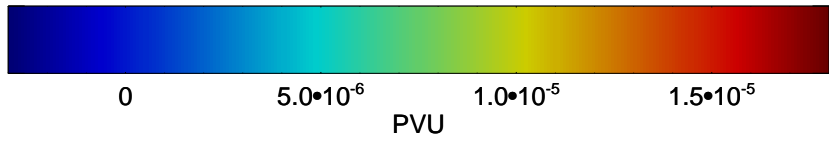
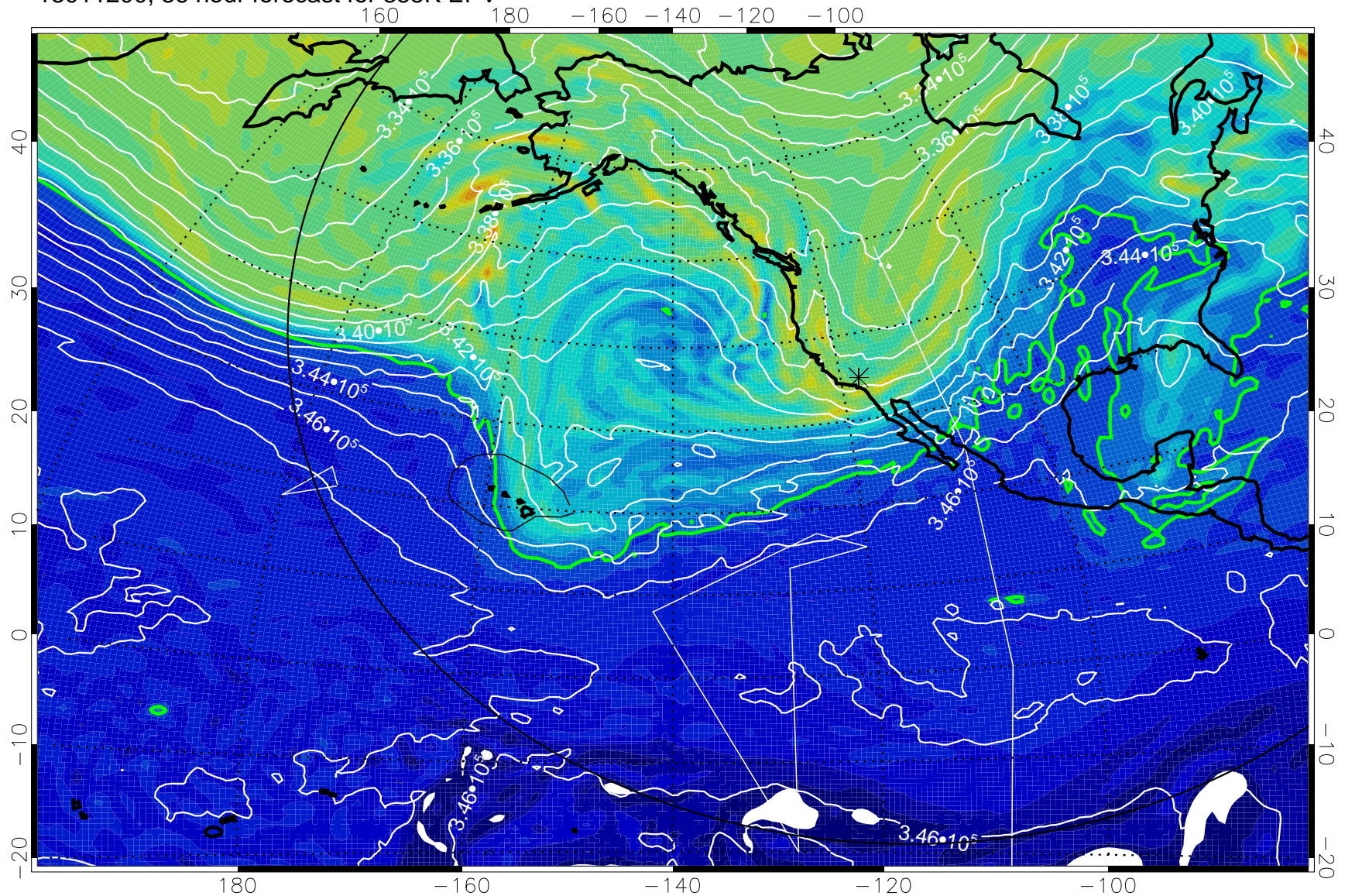
13011118, 30 hour forecast for 355K EPV



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

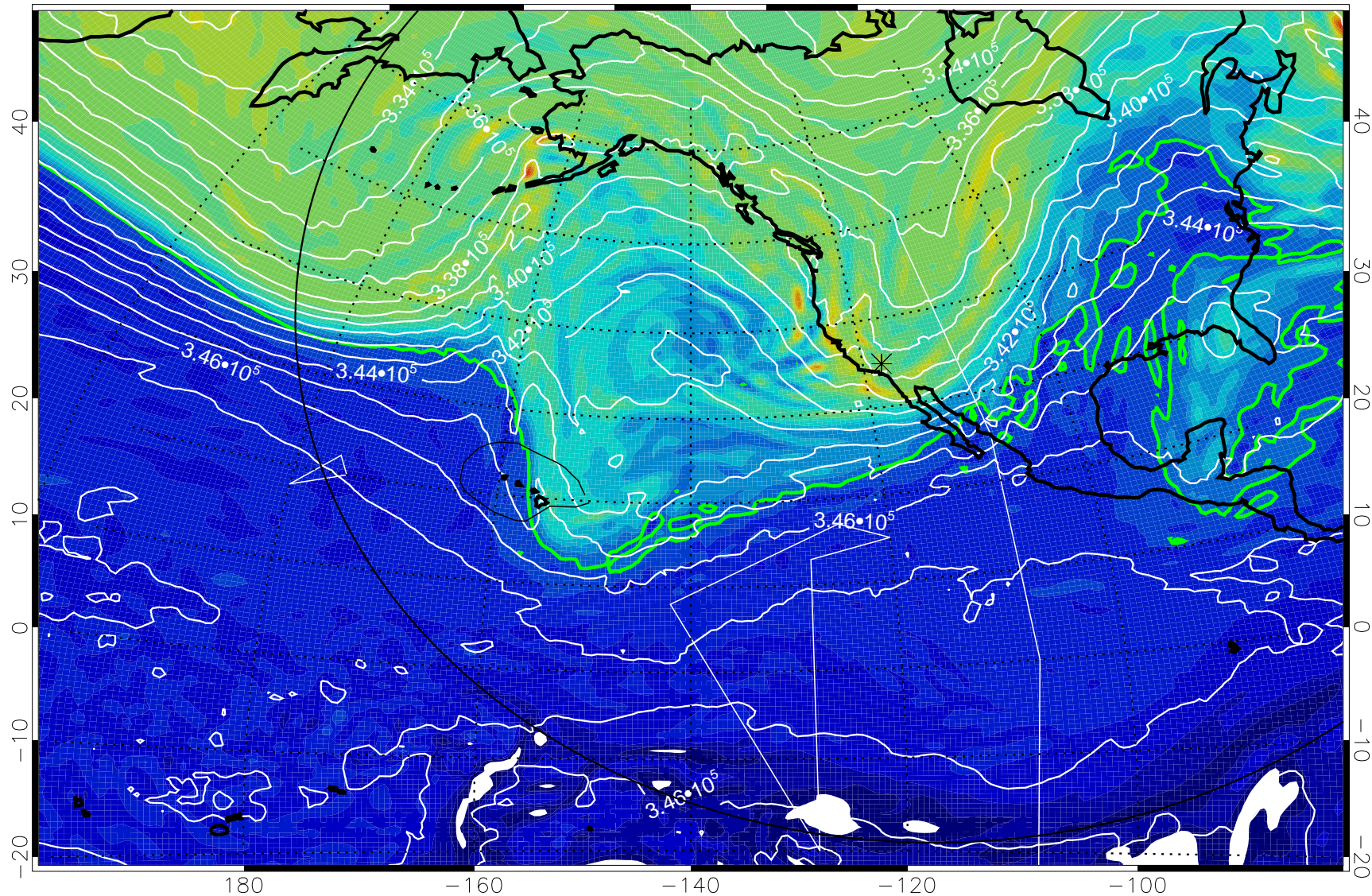
13011200, 36 hour forecast for 355K EPV



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

13011206, 42 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



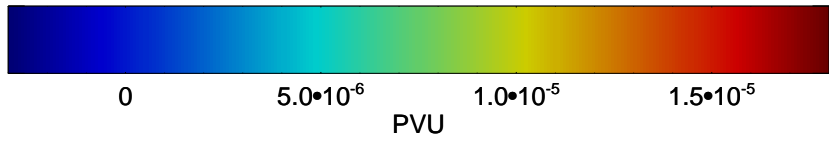
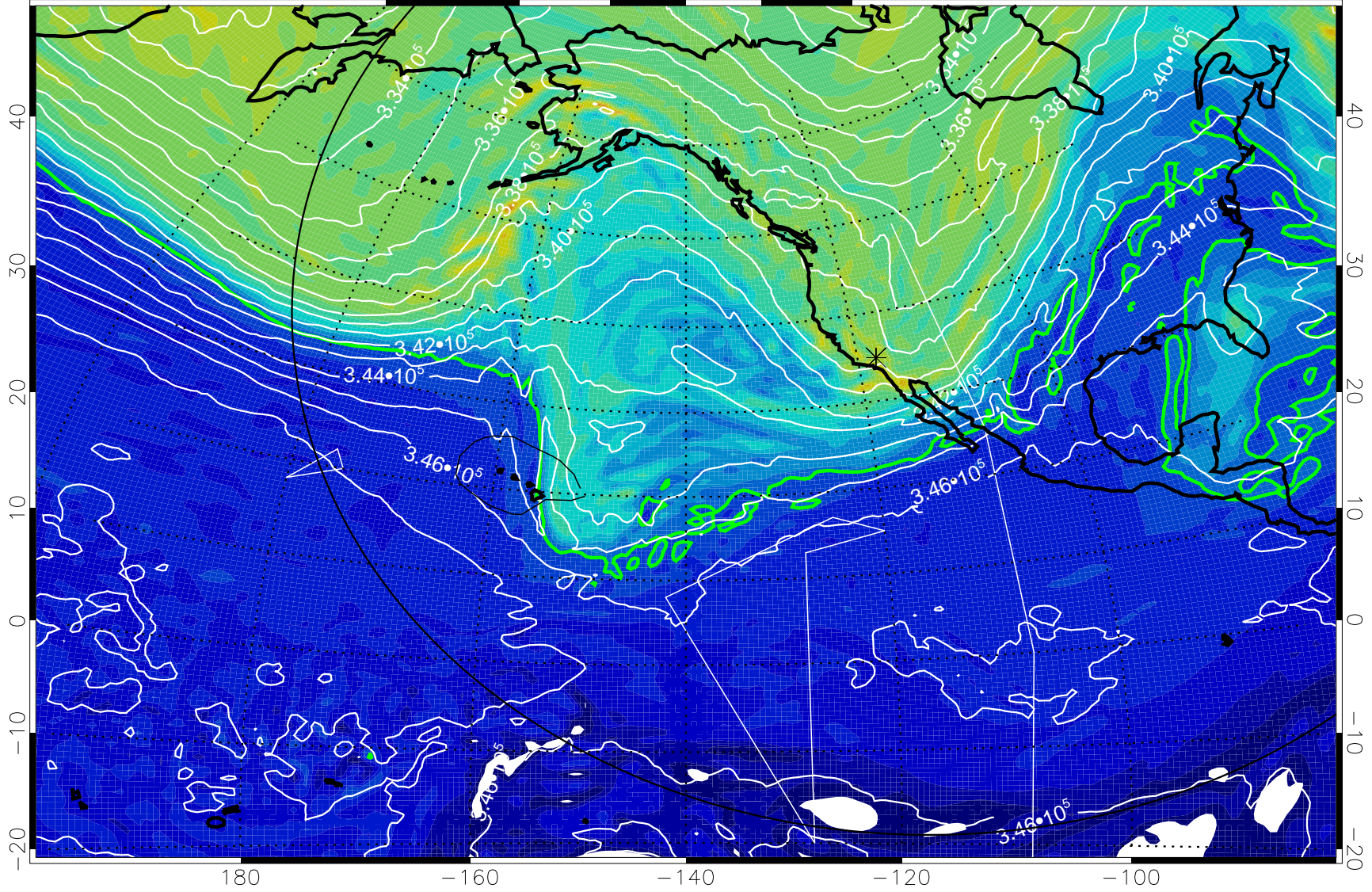
0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>

PVU

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

13011212, 48 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

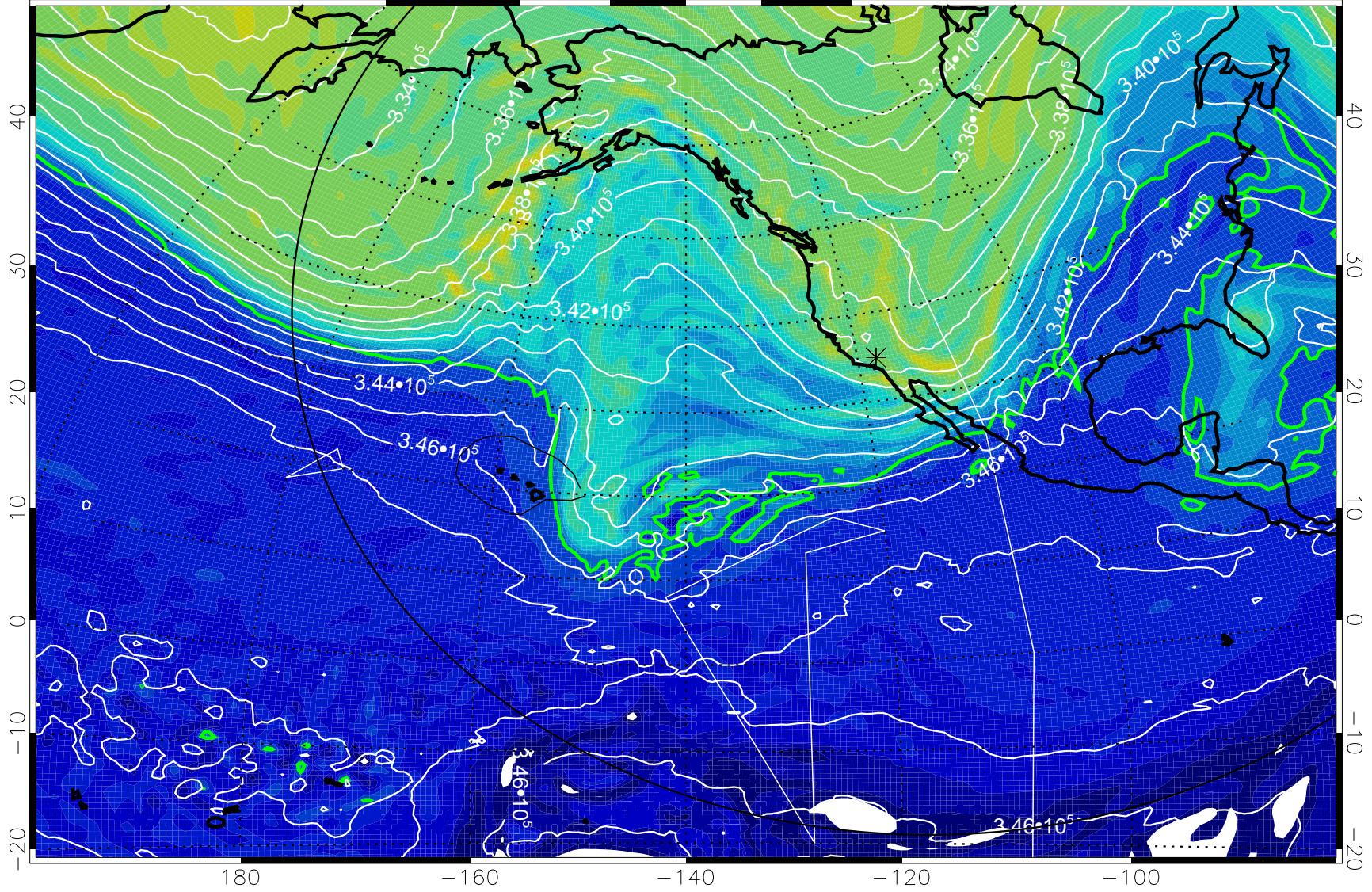


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



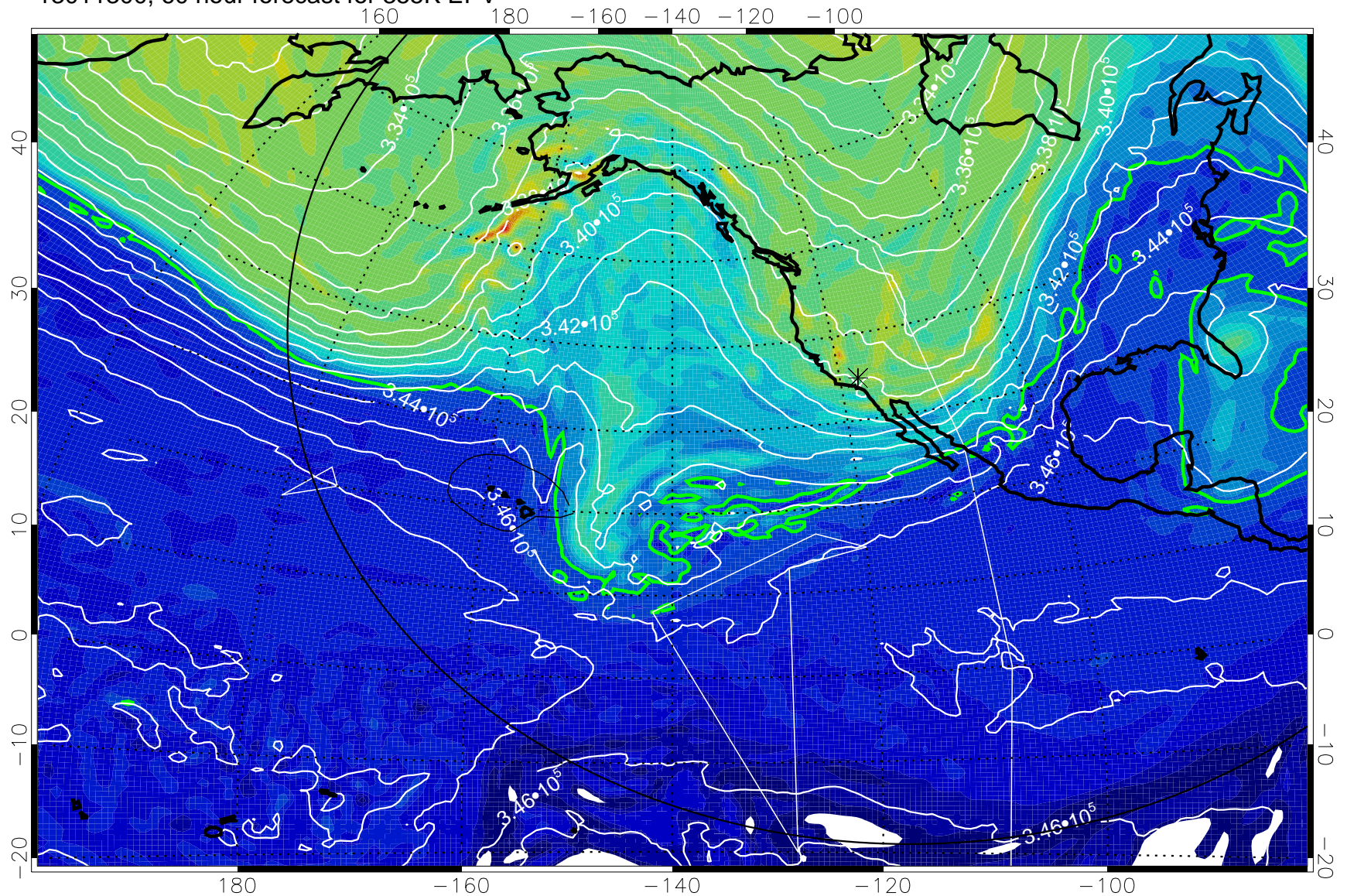
13011218, 54 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



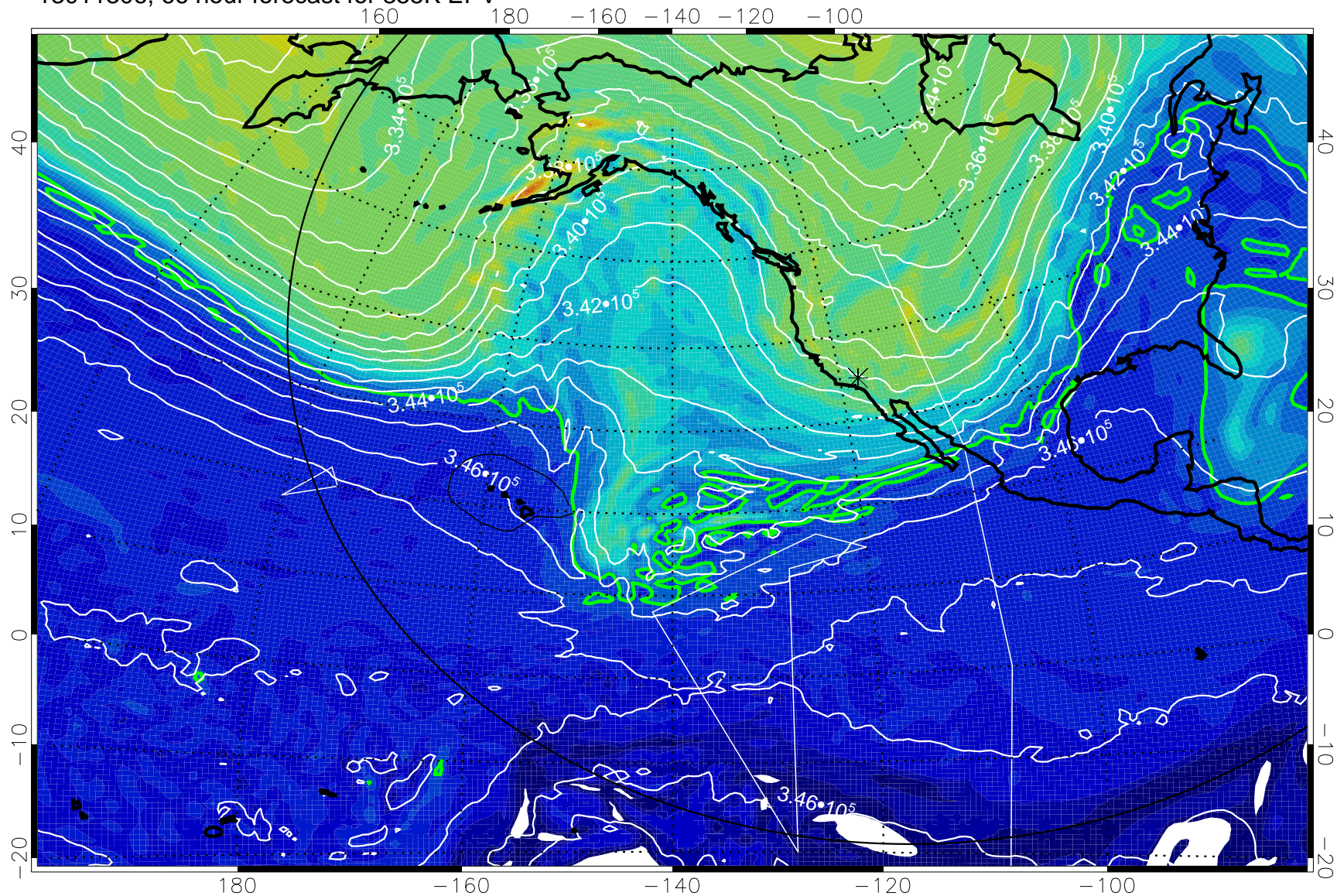
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011300, 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

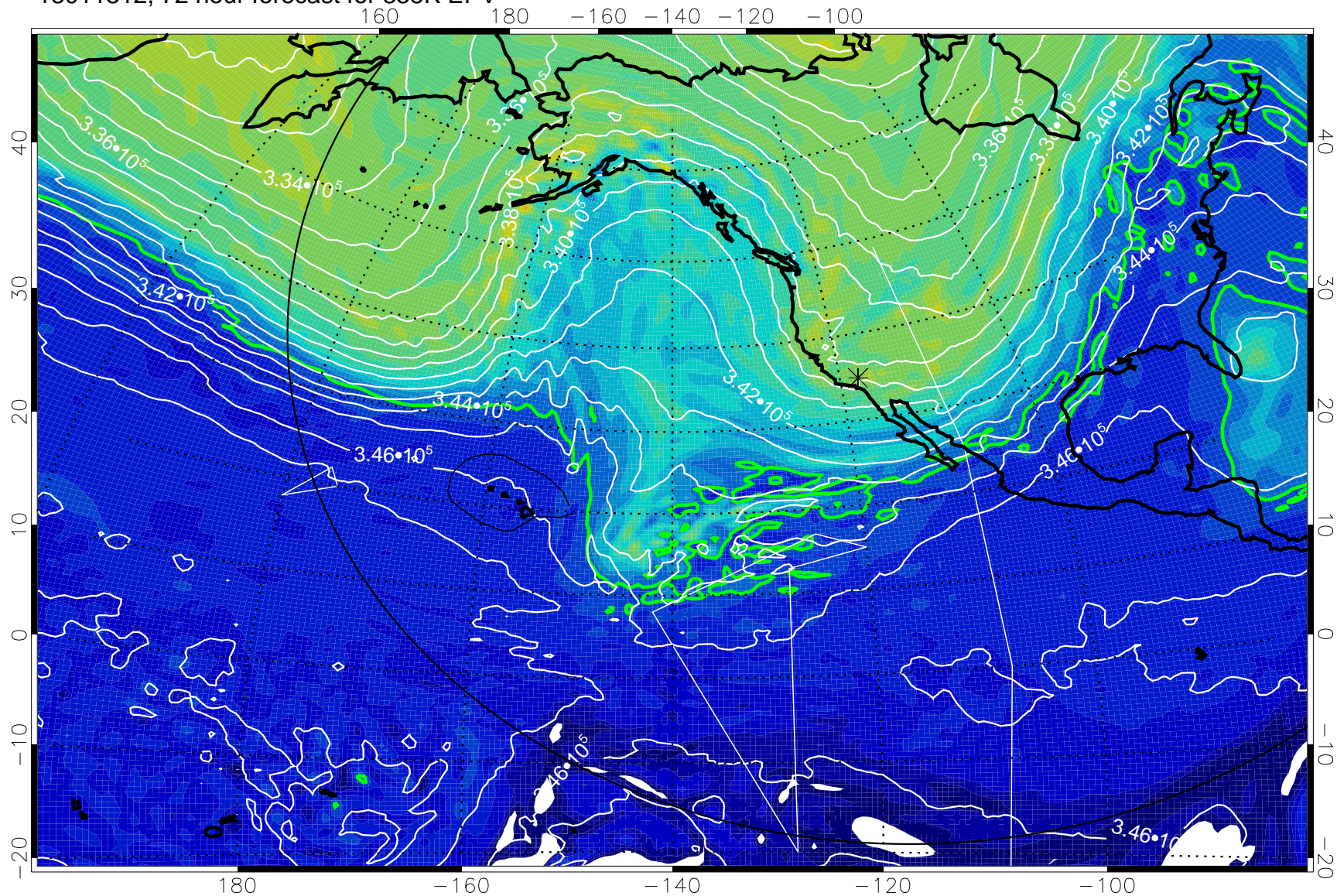
13011306, 66 hour forecast for 355K EPV



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

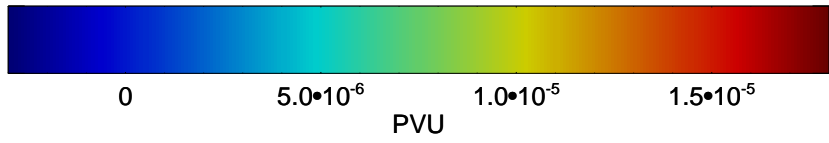
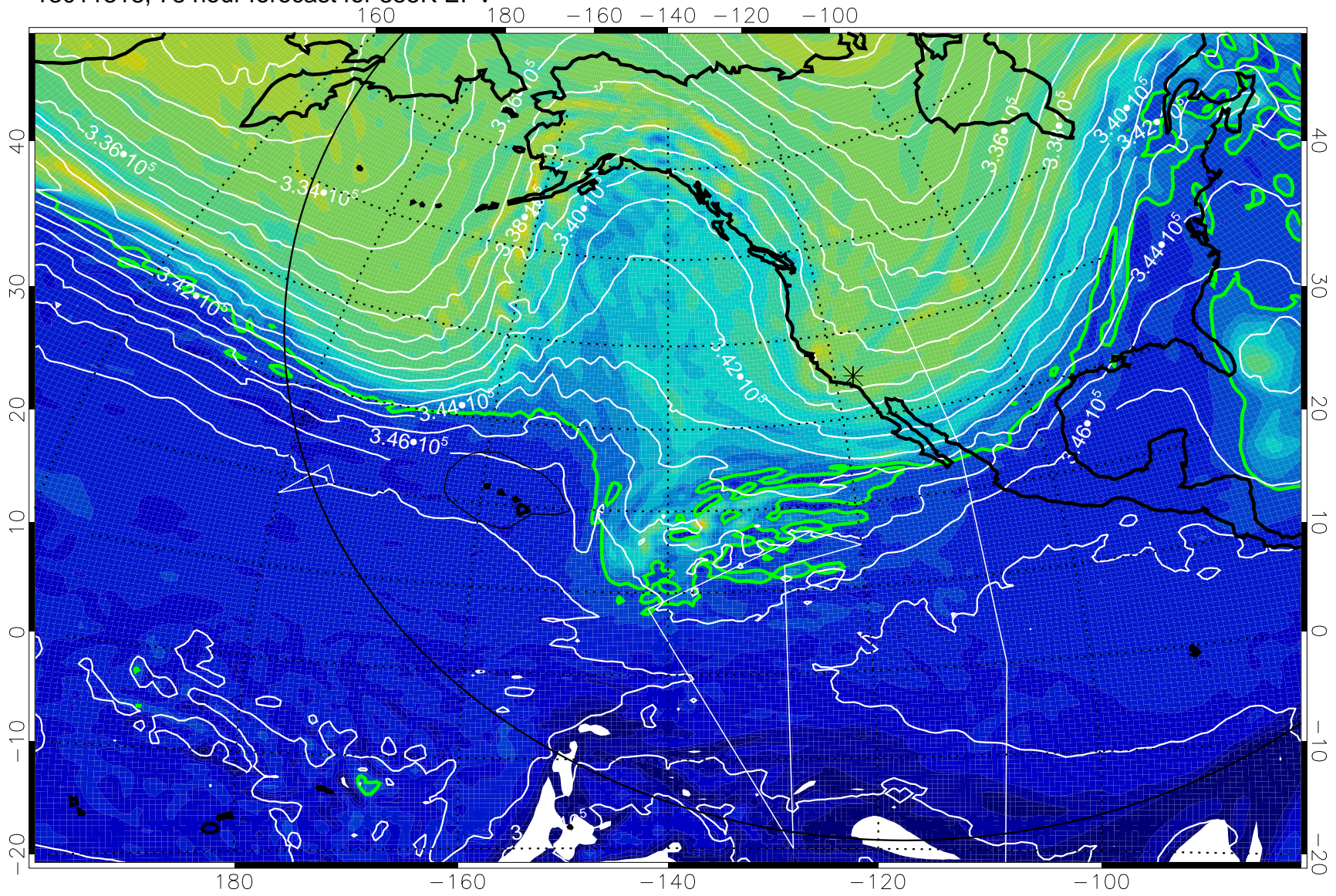
13011312, 72 hour forecast for 355K EPV



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

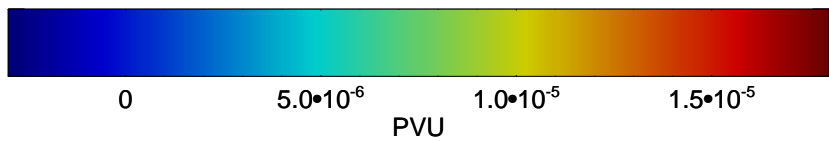
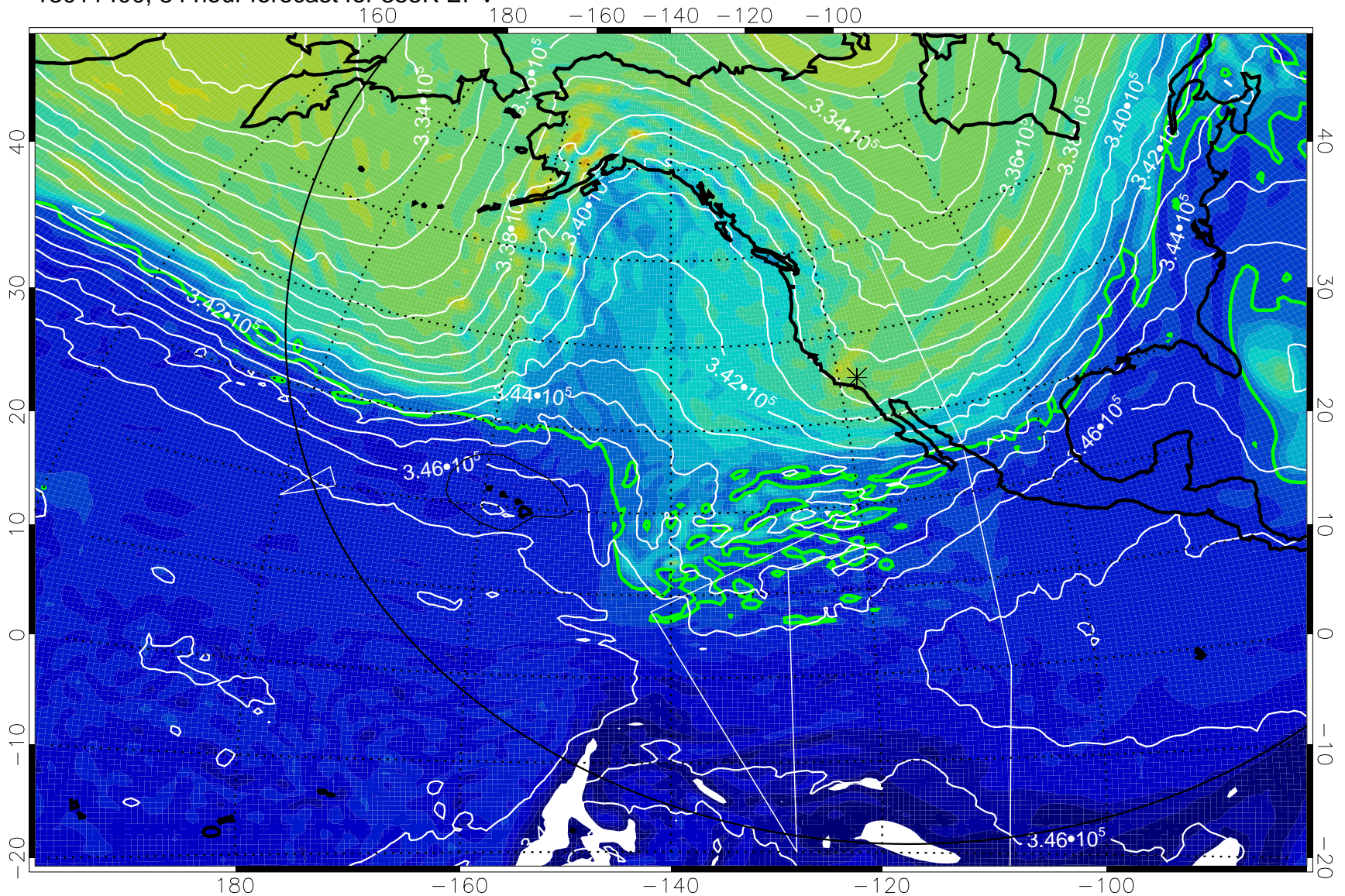
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011318, 78 hour forecast for 355K EPV



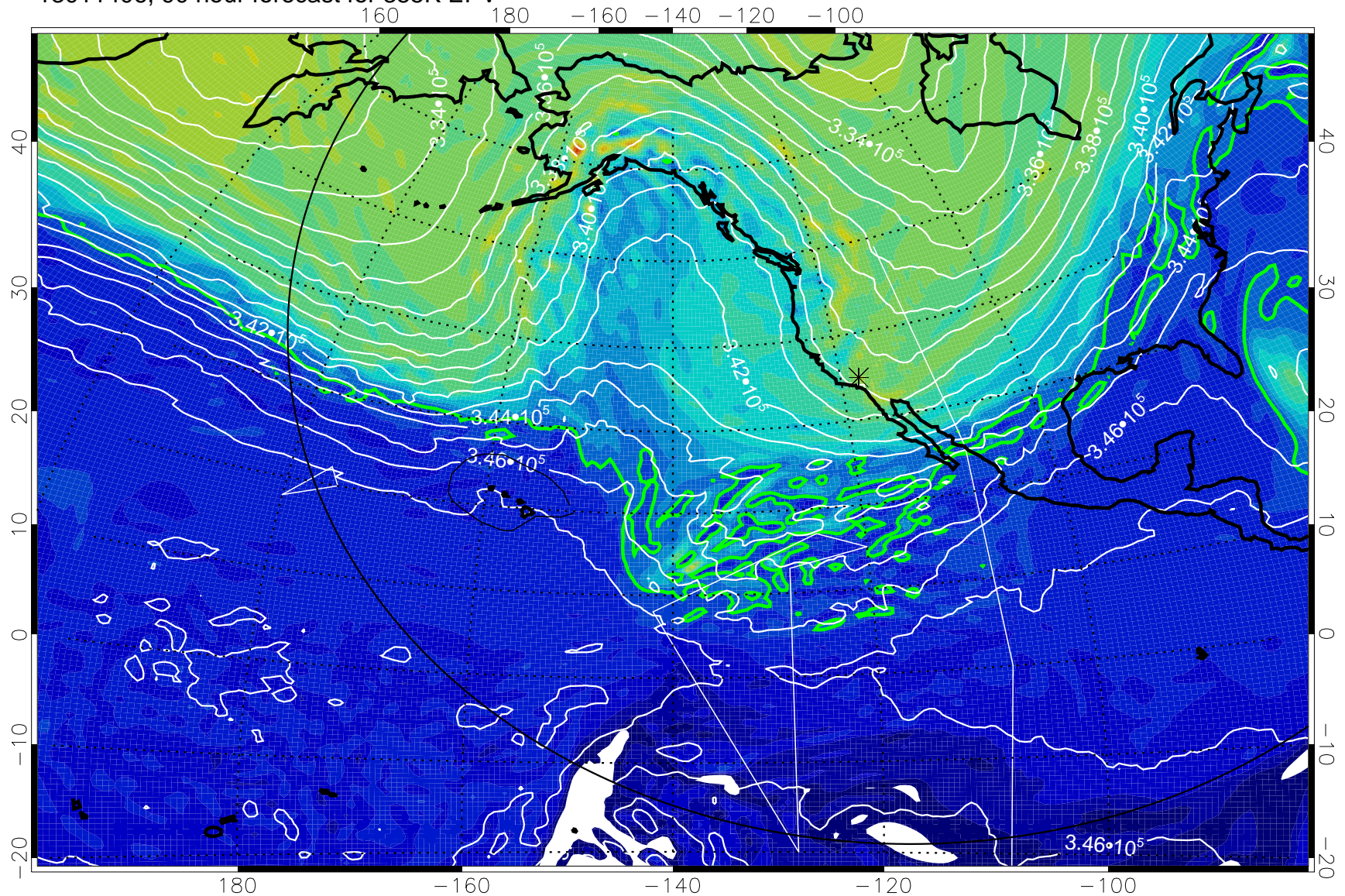
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011400, 84 hour forecast for 355K EPV



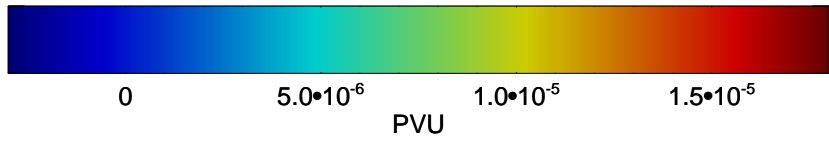
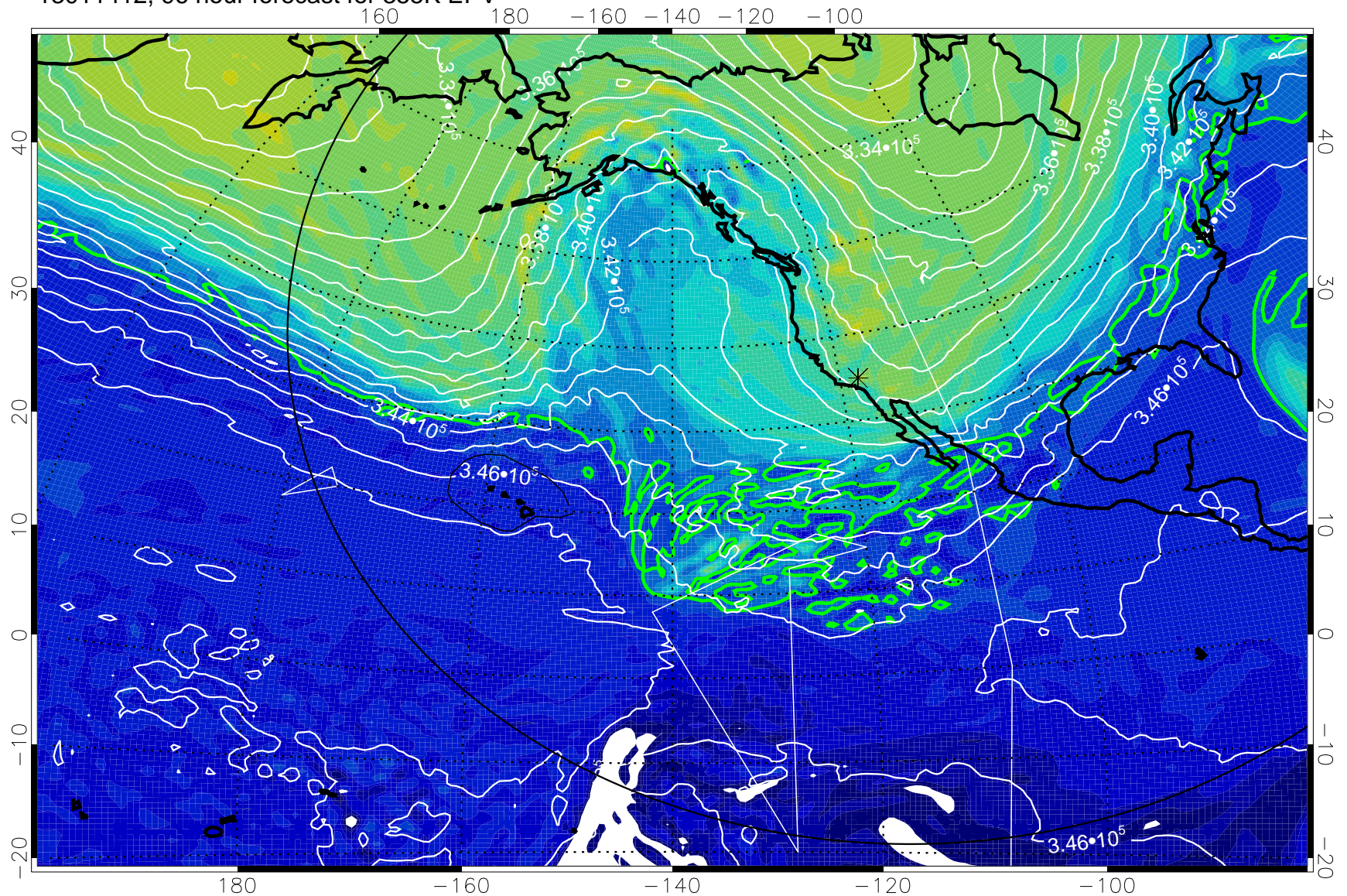
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011406, 90 hour forecast for 355K EPV



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

13011412, 96 hour forecast for 355K EPV

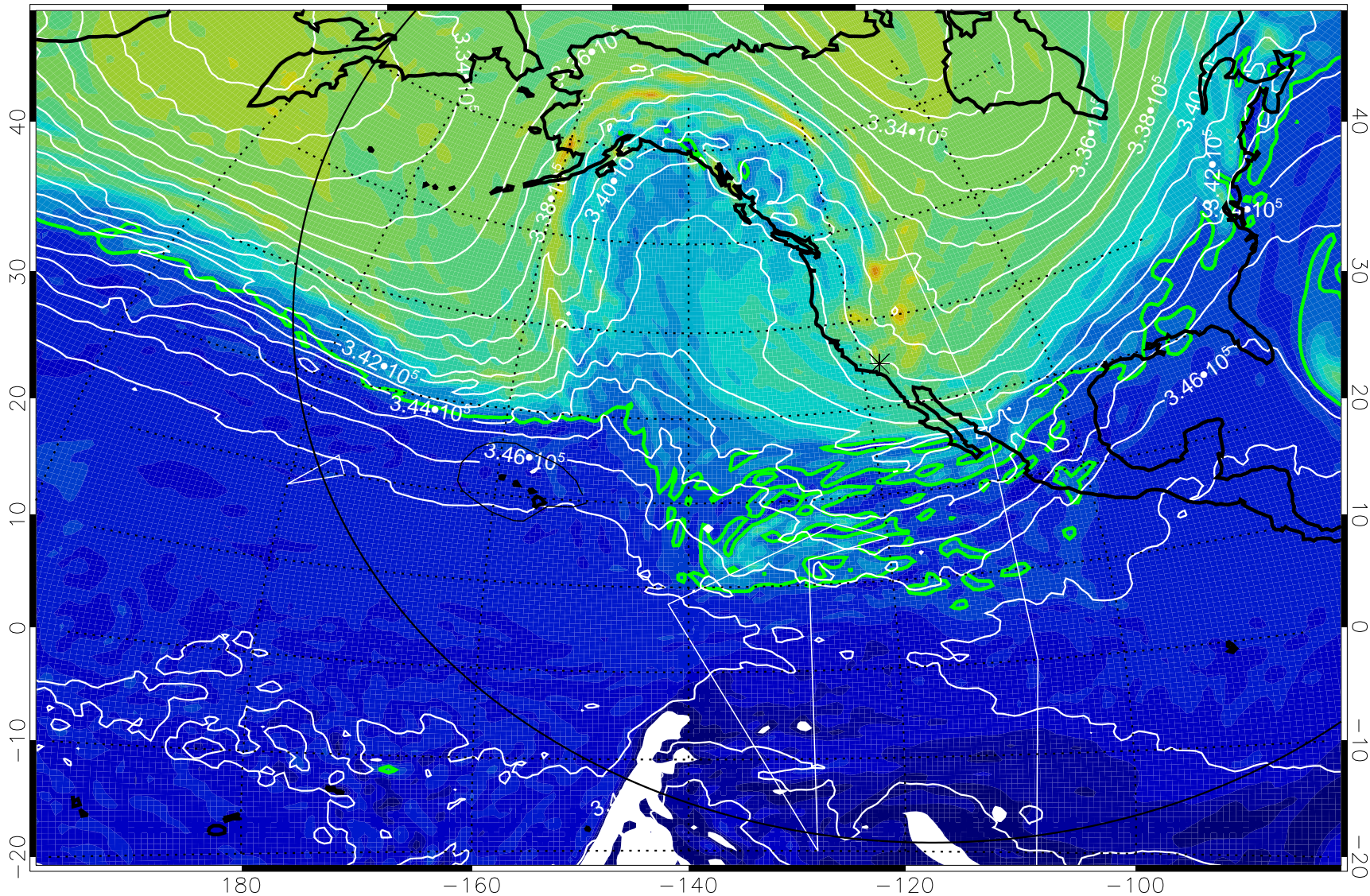


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13011418, 102 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

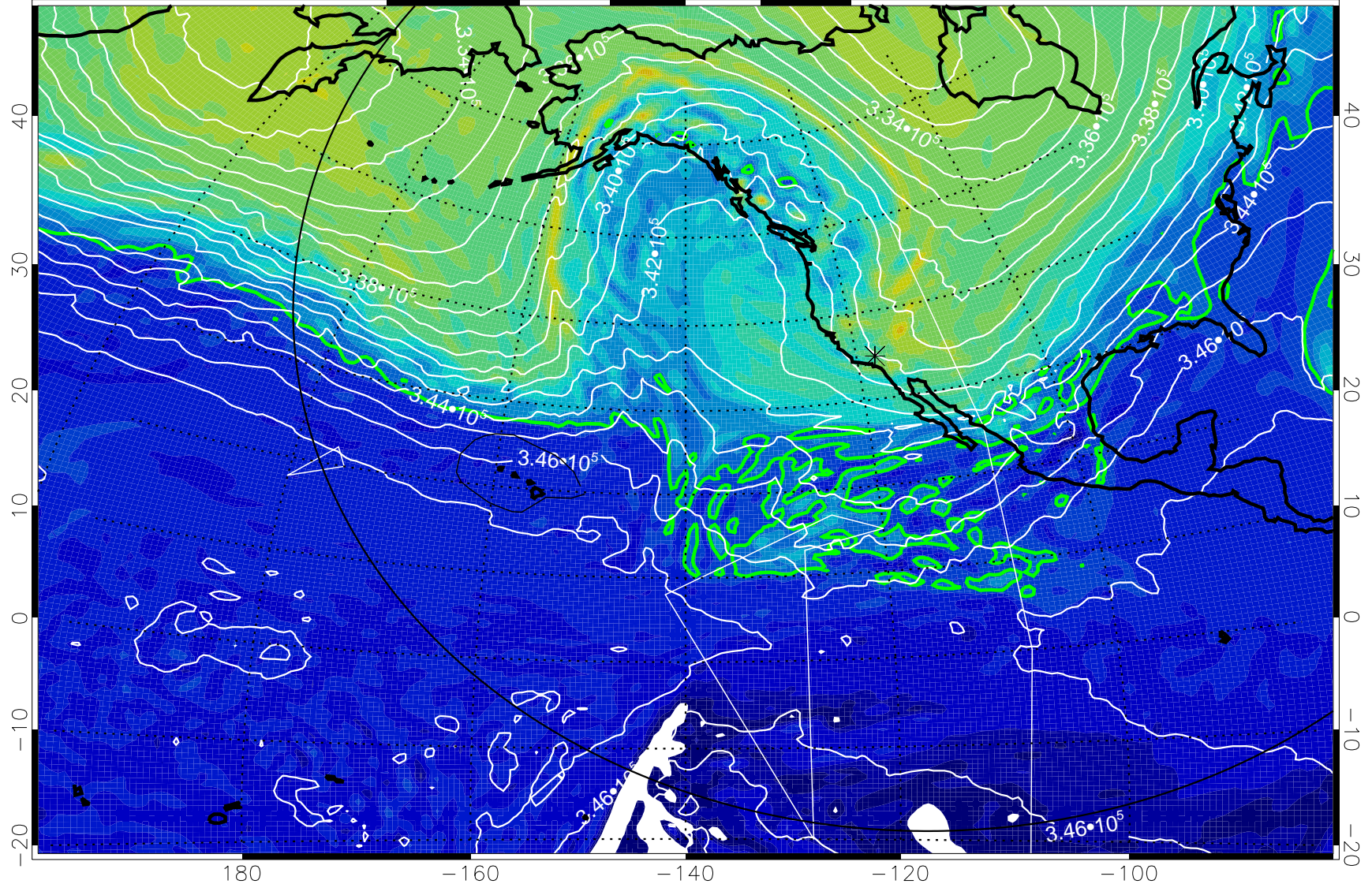


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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

13011500, 108 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

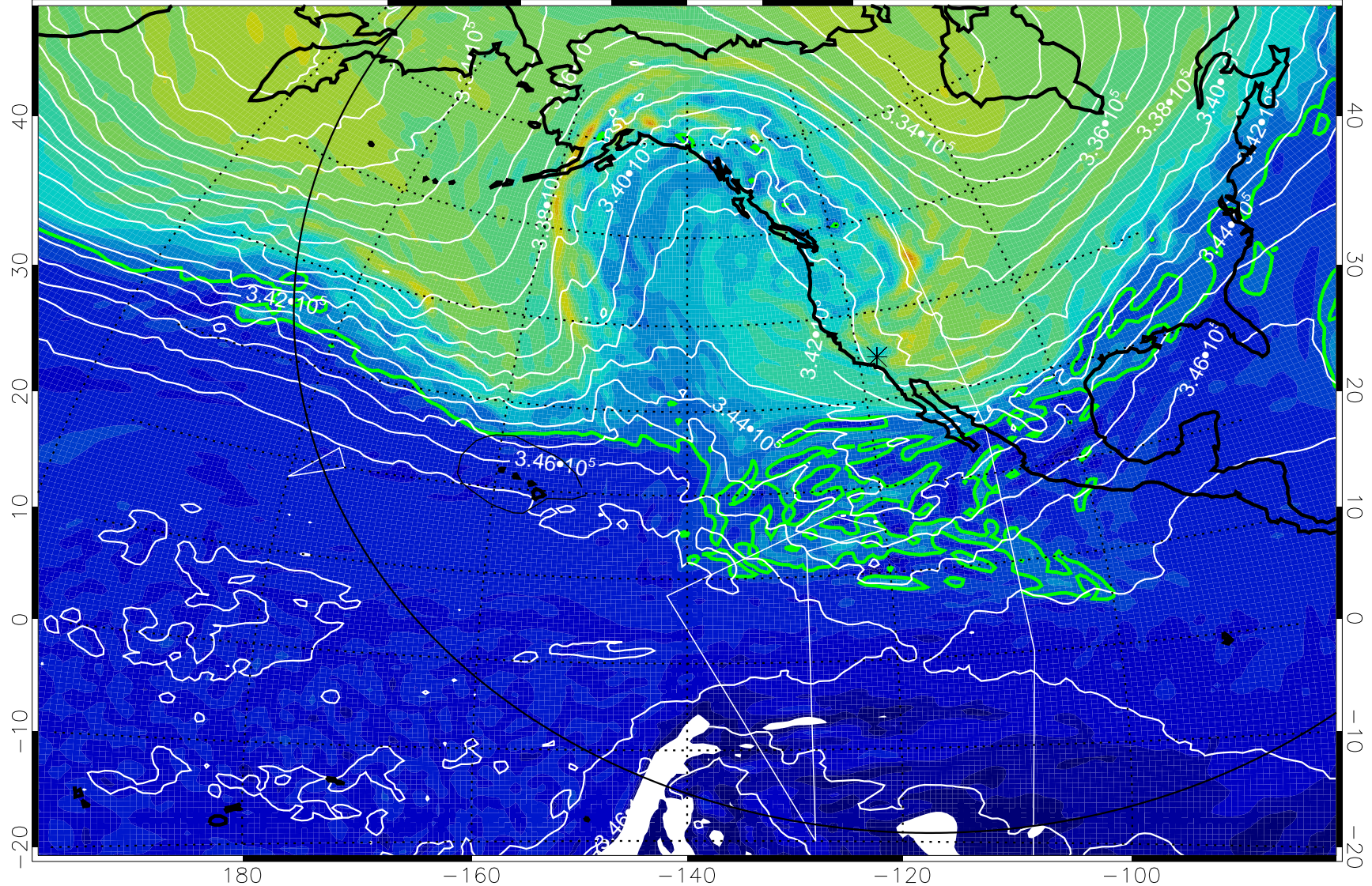


0 5.0\*10<sup>-6</sup> 1.0\*10<sup>-5</sup> 1.5\*10<sup>-5</sup>  
PVU

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

13011506, 114 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

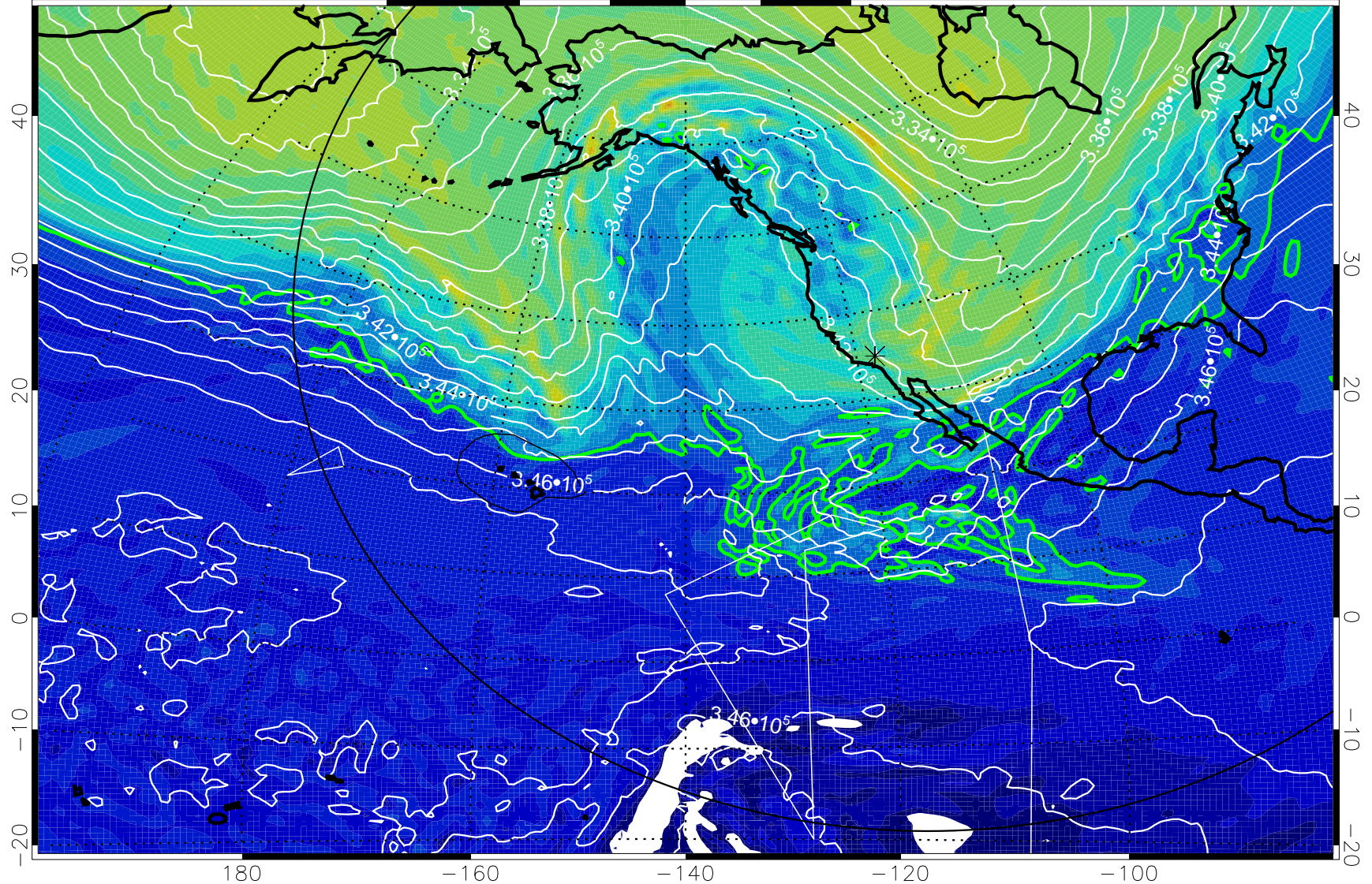


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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

13011512, 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