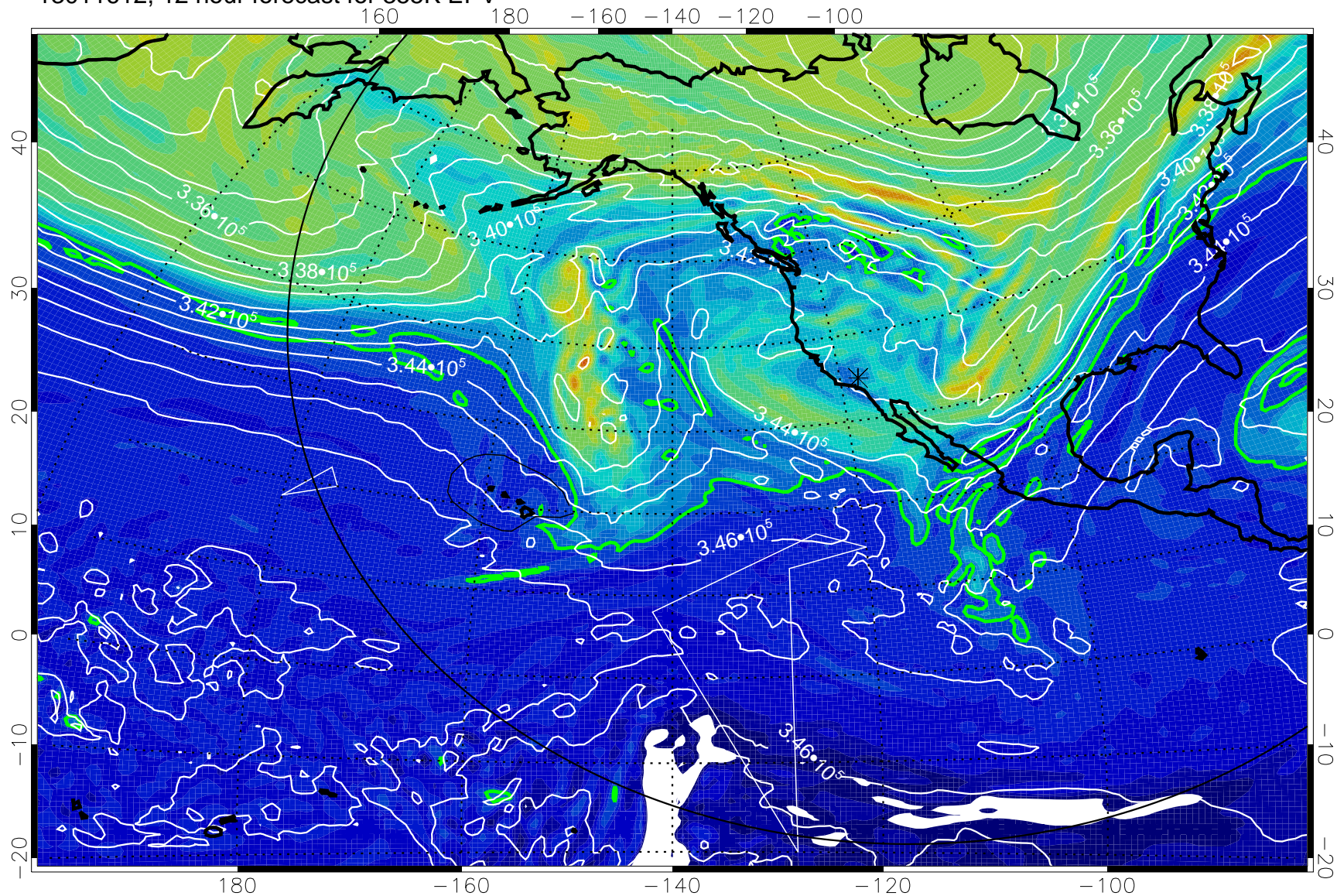


13011612, 12 hour forecast for 355K EPV

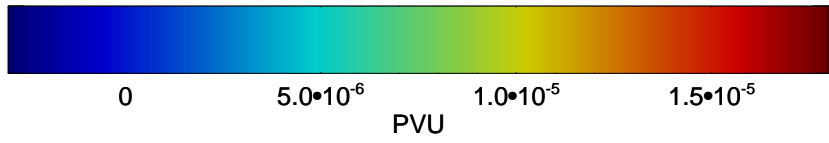
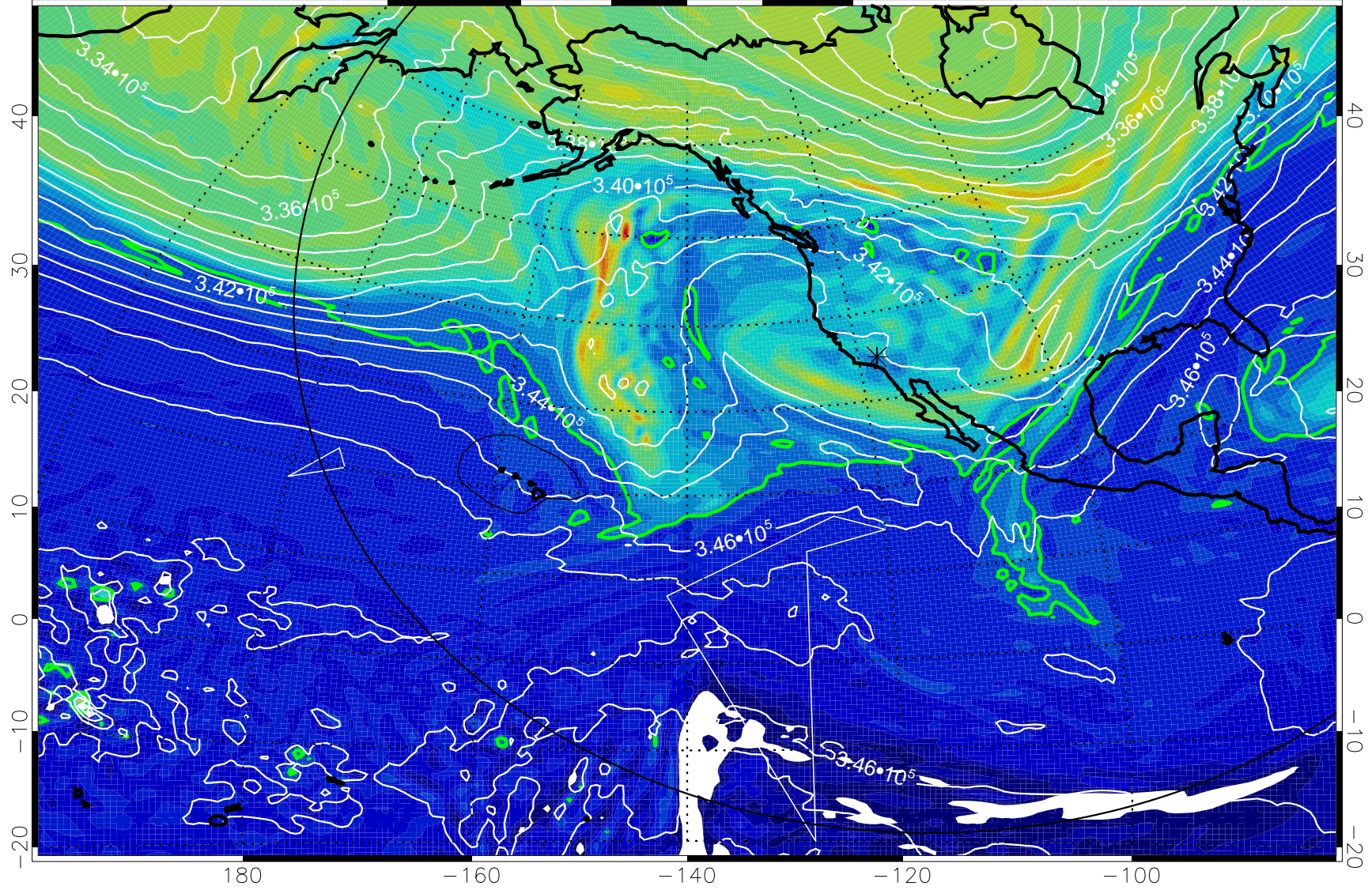


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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

13011618, 18 hour forecast for 355K EPV

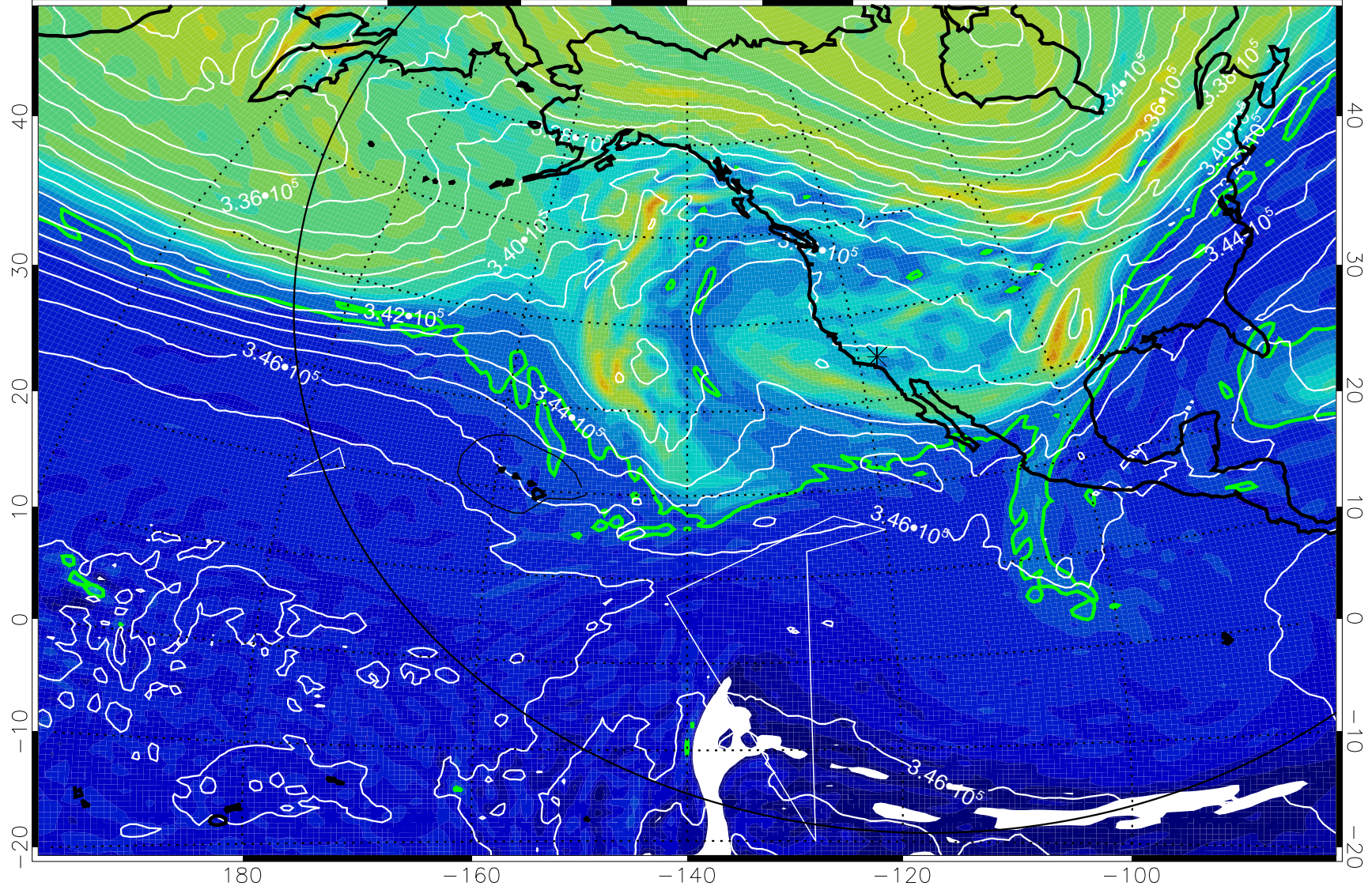
160 180 -160 -140 -120 -100



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

13011700, 24 hour forecast for 355K EPV

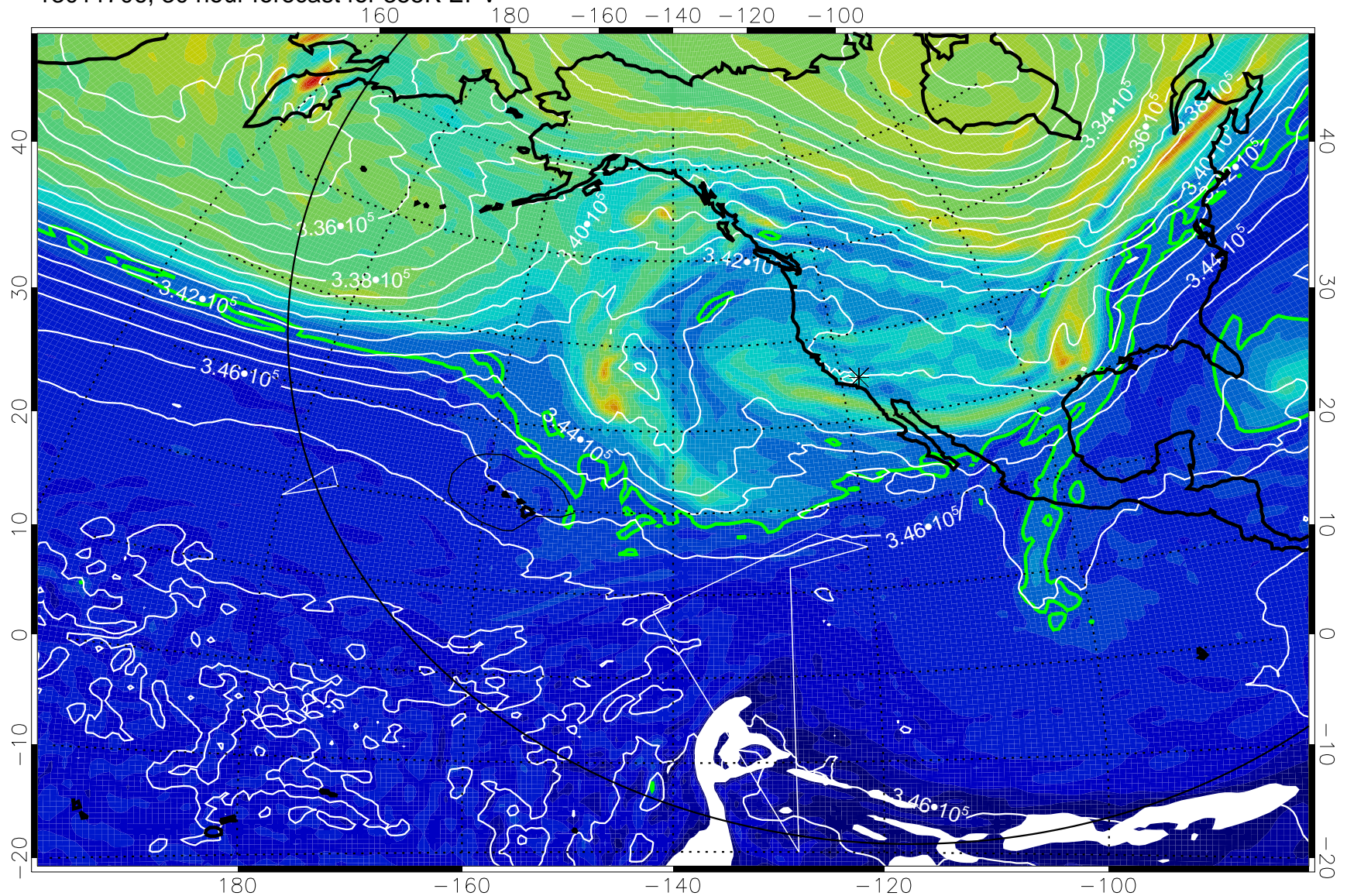
160 180 -160 -140 -120 -100



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

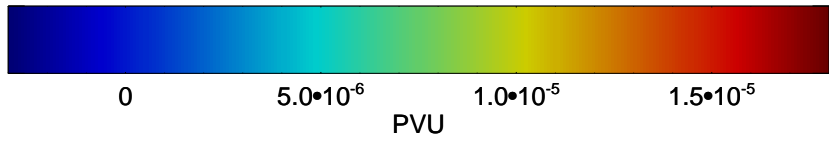
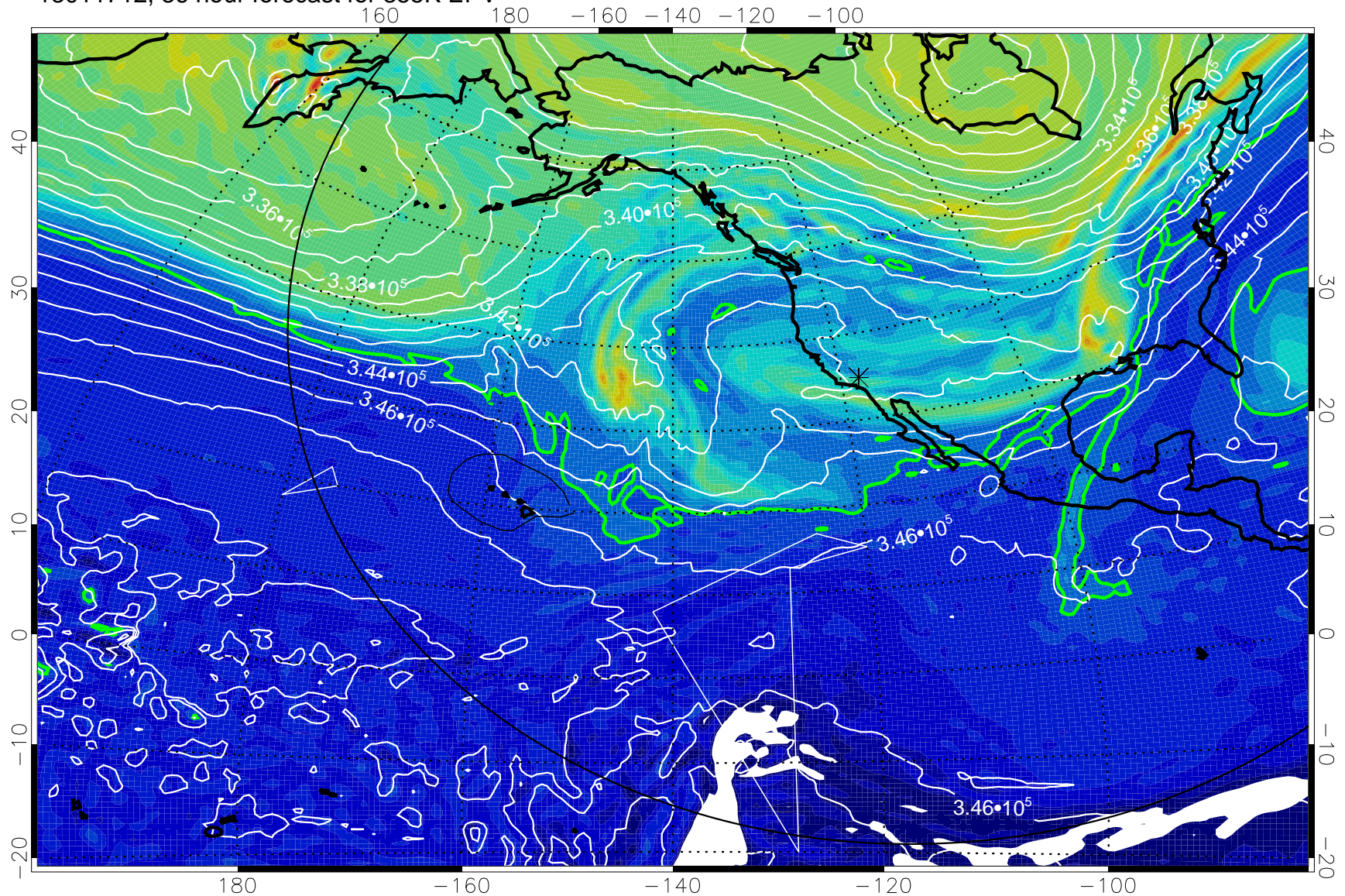
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011706, 30 hour forecast for 355K EPV



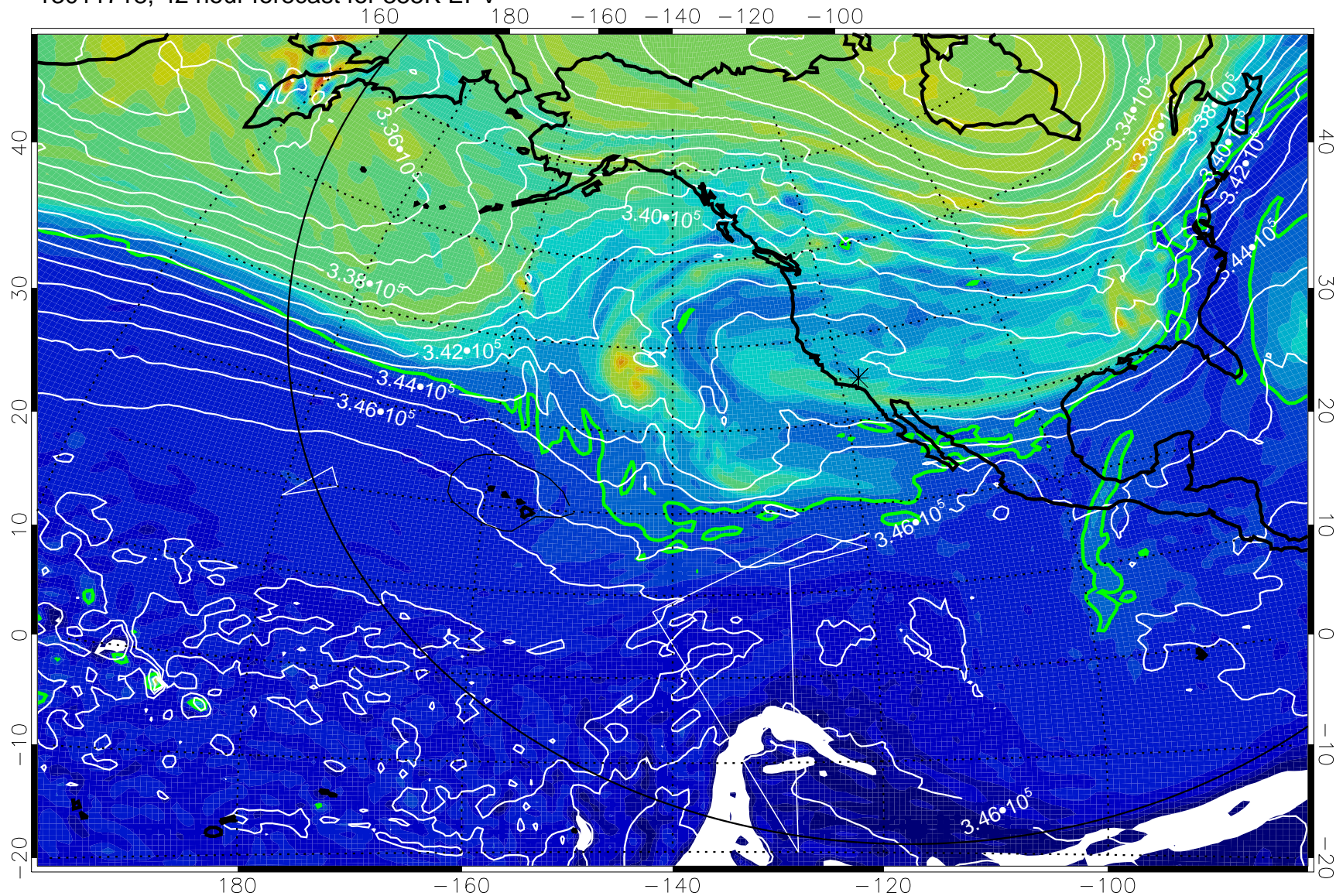
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011712, 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

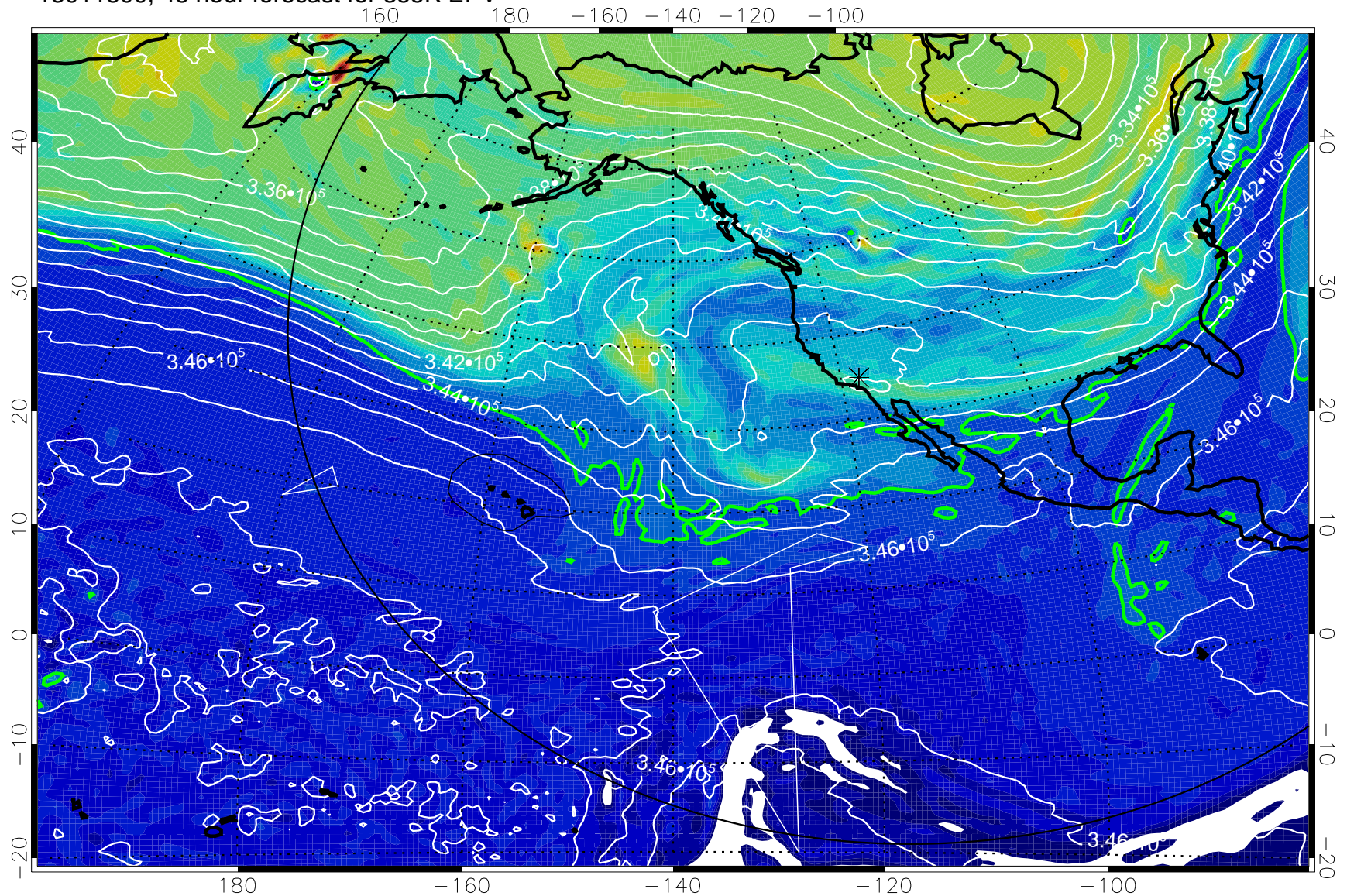
13011718, 42 hour forecast for 355K EPV



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

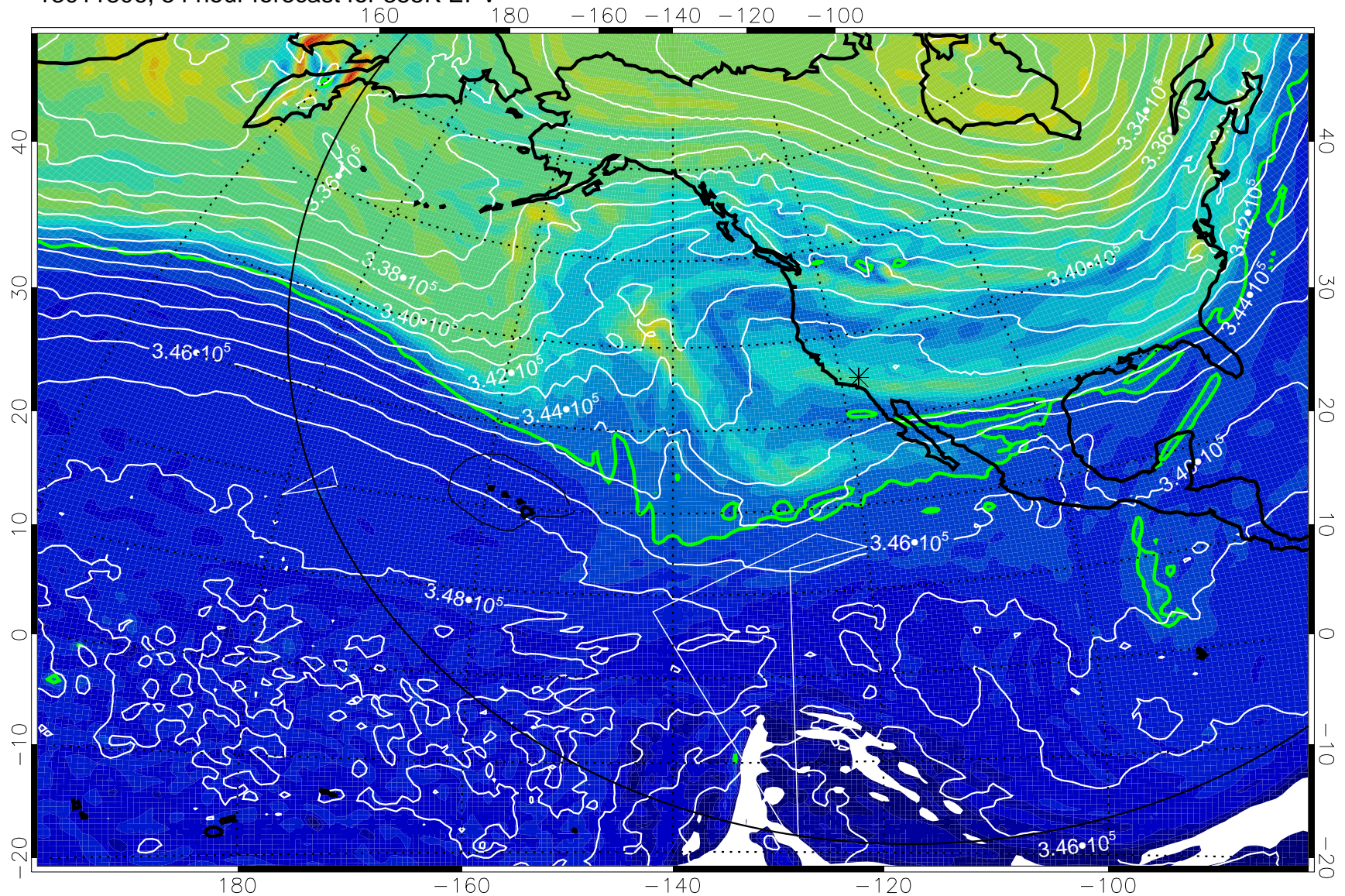
13011800, 48 hour forecast for 355K EPV



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

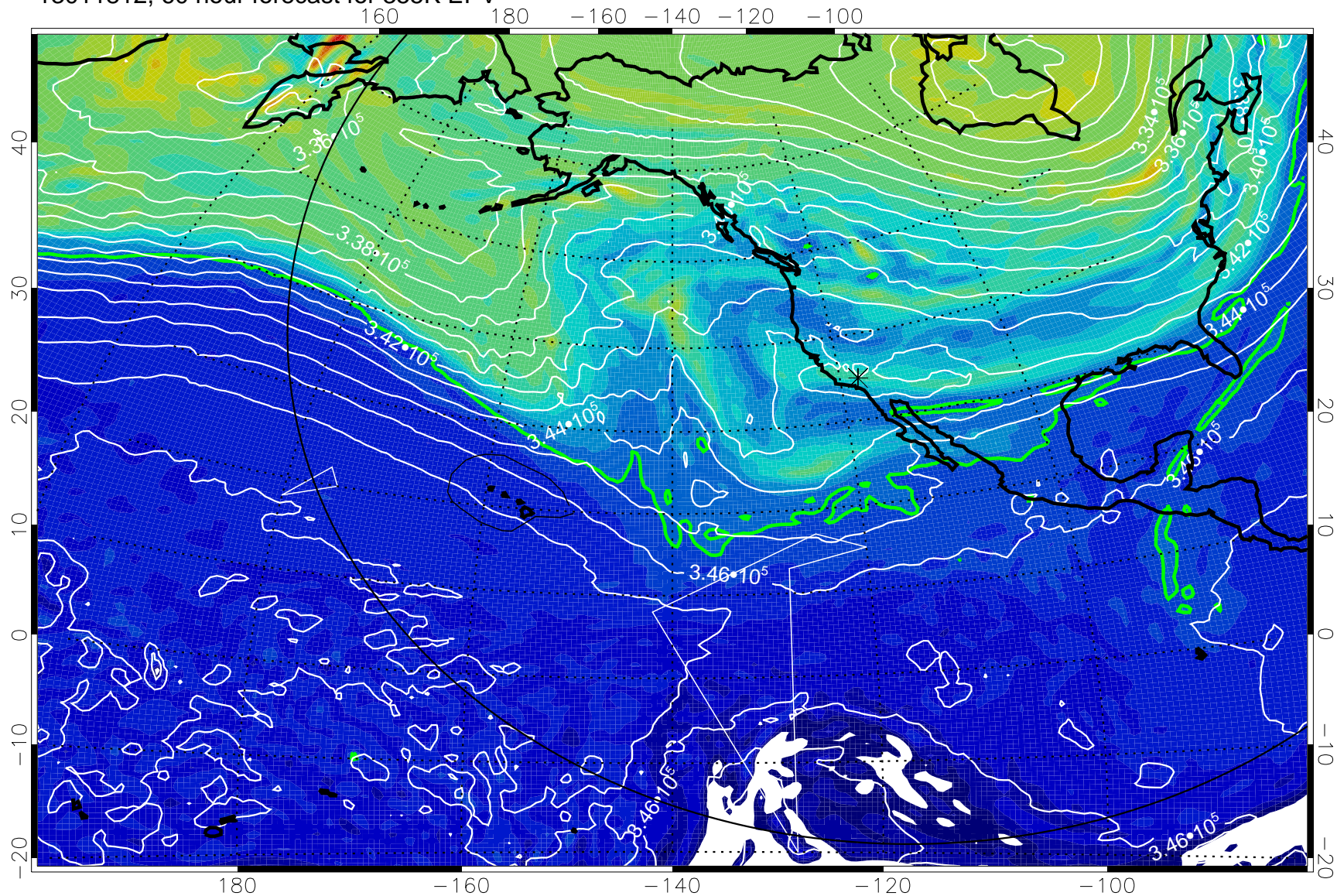
13011806, 54 hour forecast for 355K EPV



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

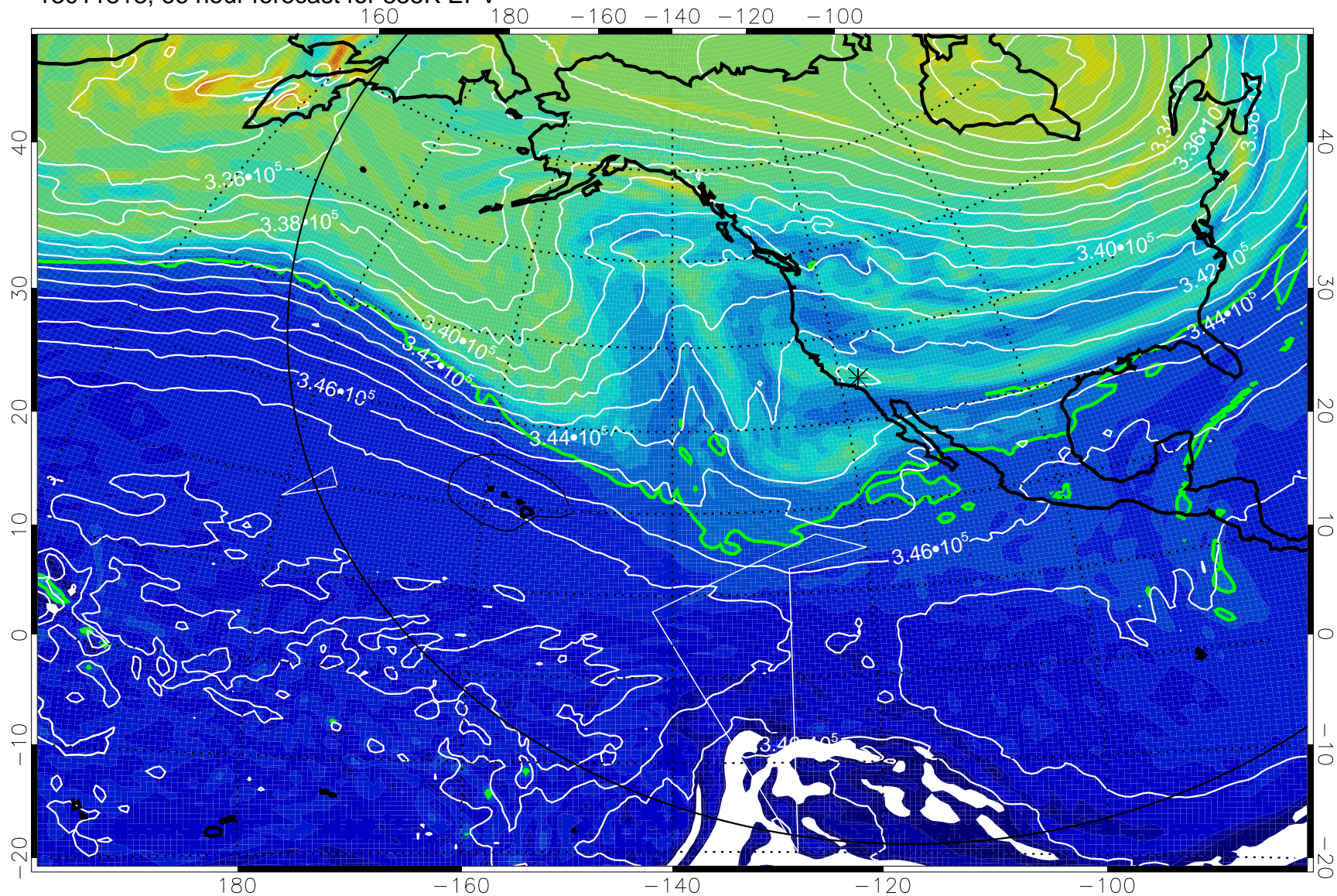


13011812, 60 hour forecast for 355K EPV



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

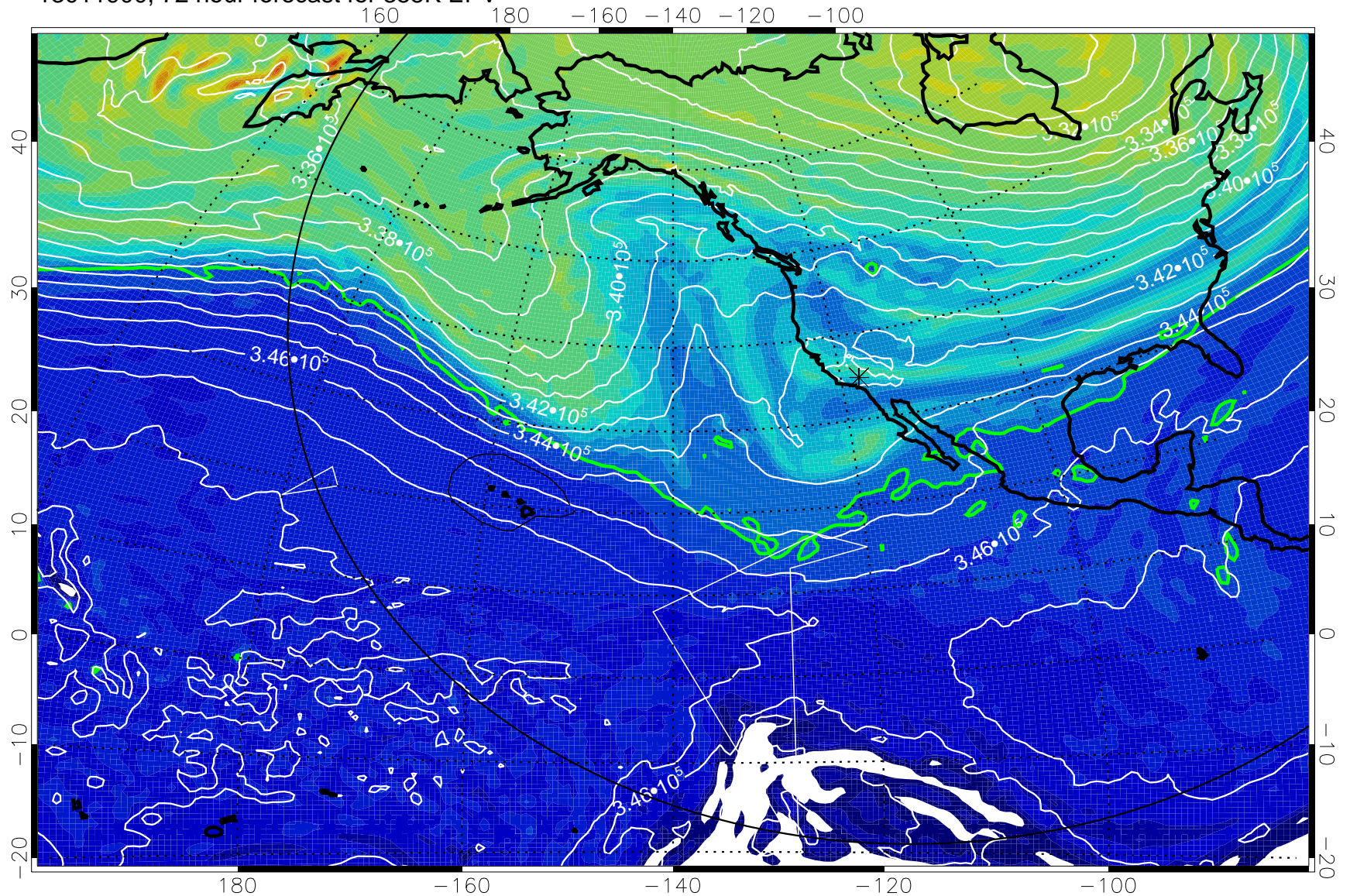
13011818, 66 hour forecast for 355K EPV



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

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

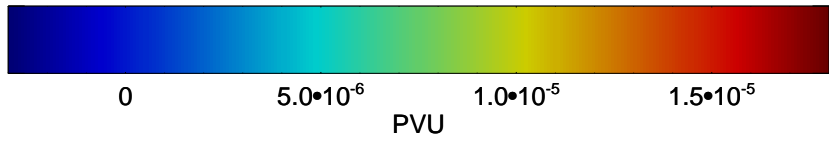
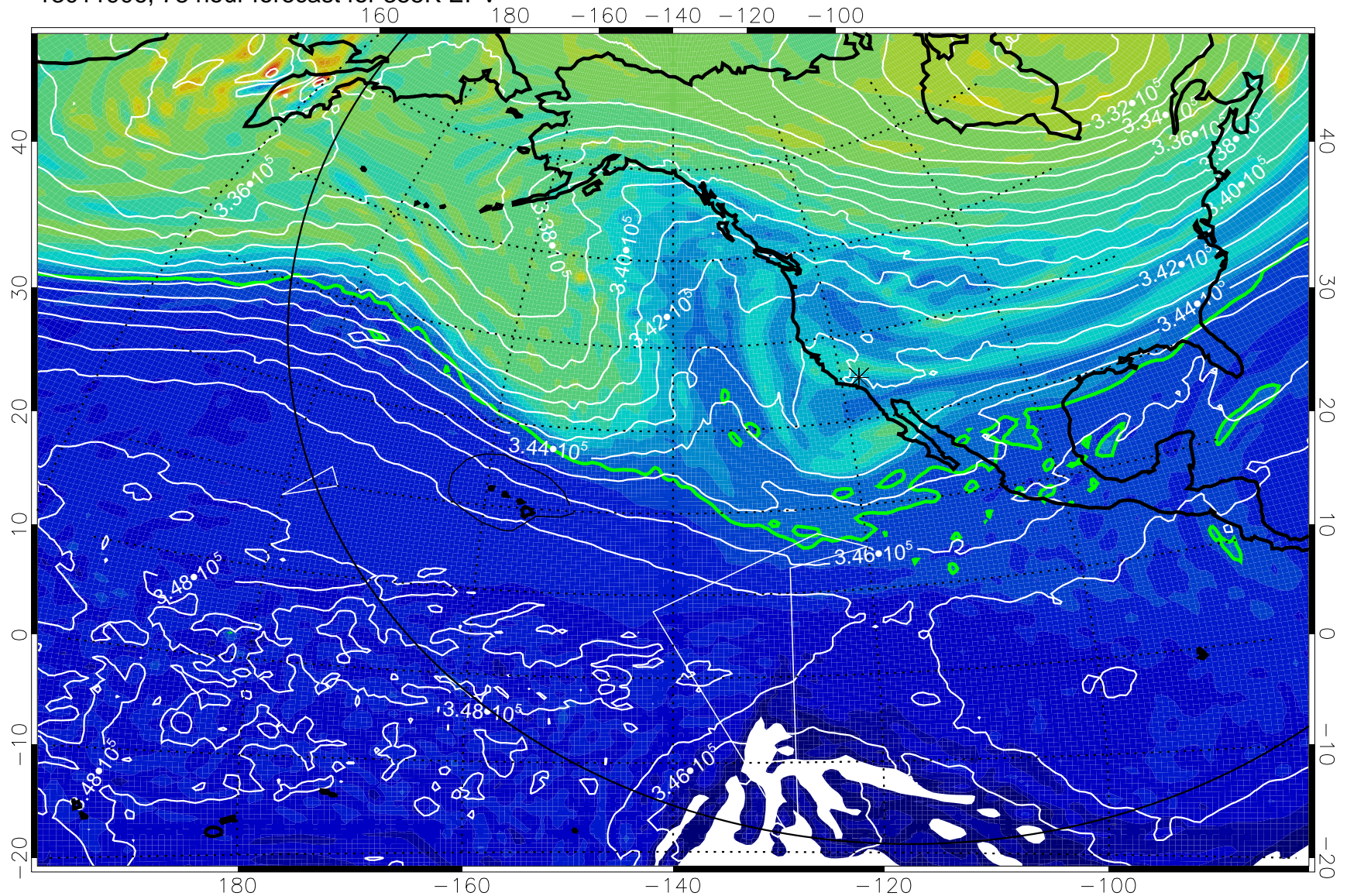
13011900, 72 hour forecast for 355K EPV



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

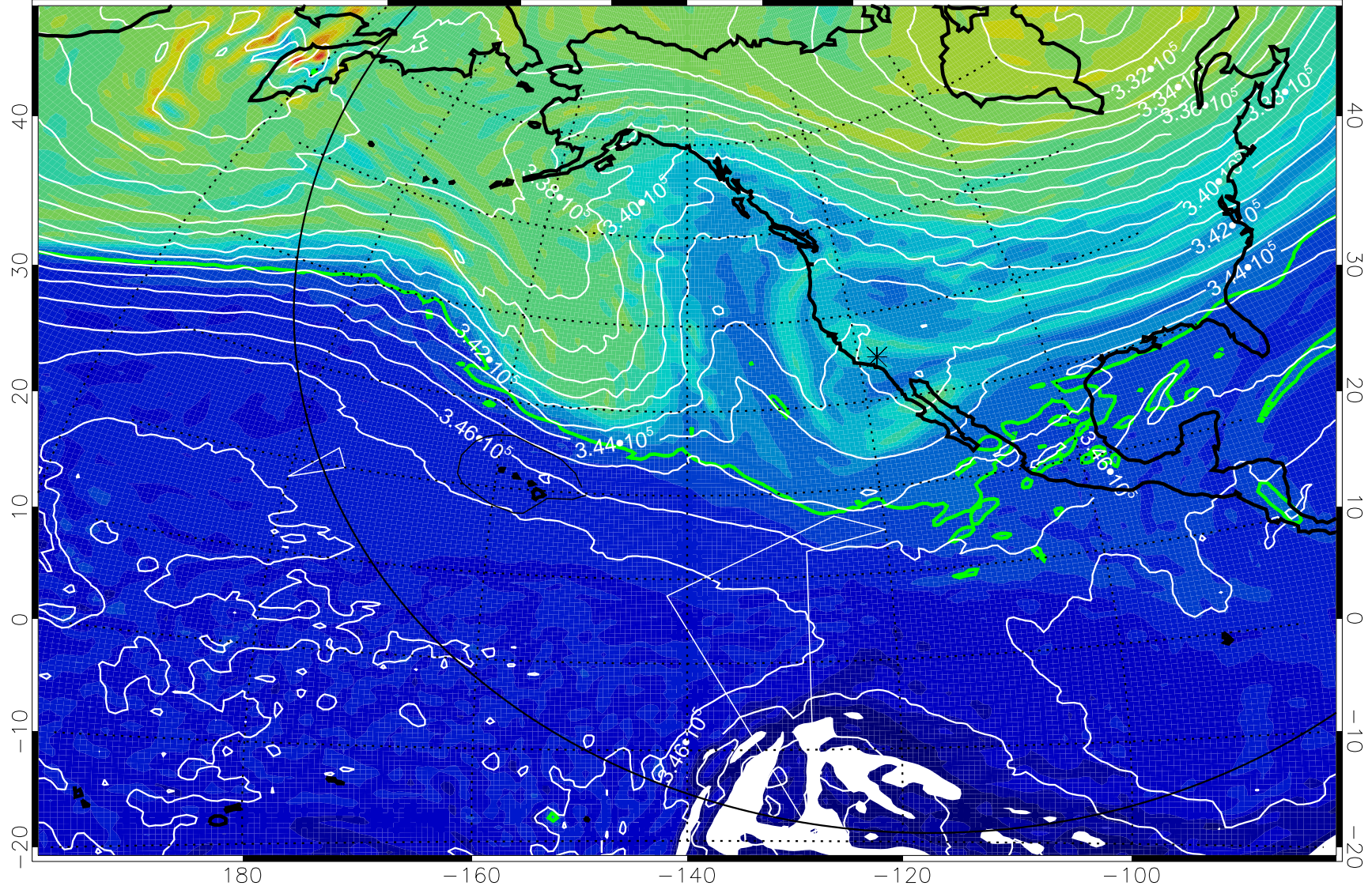
13011906, 78 hour forecast for 355K EPV



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

13011912, 84 hour forecast for 355K EPV

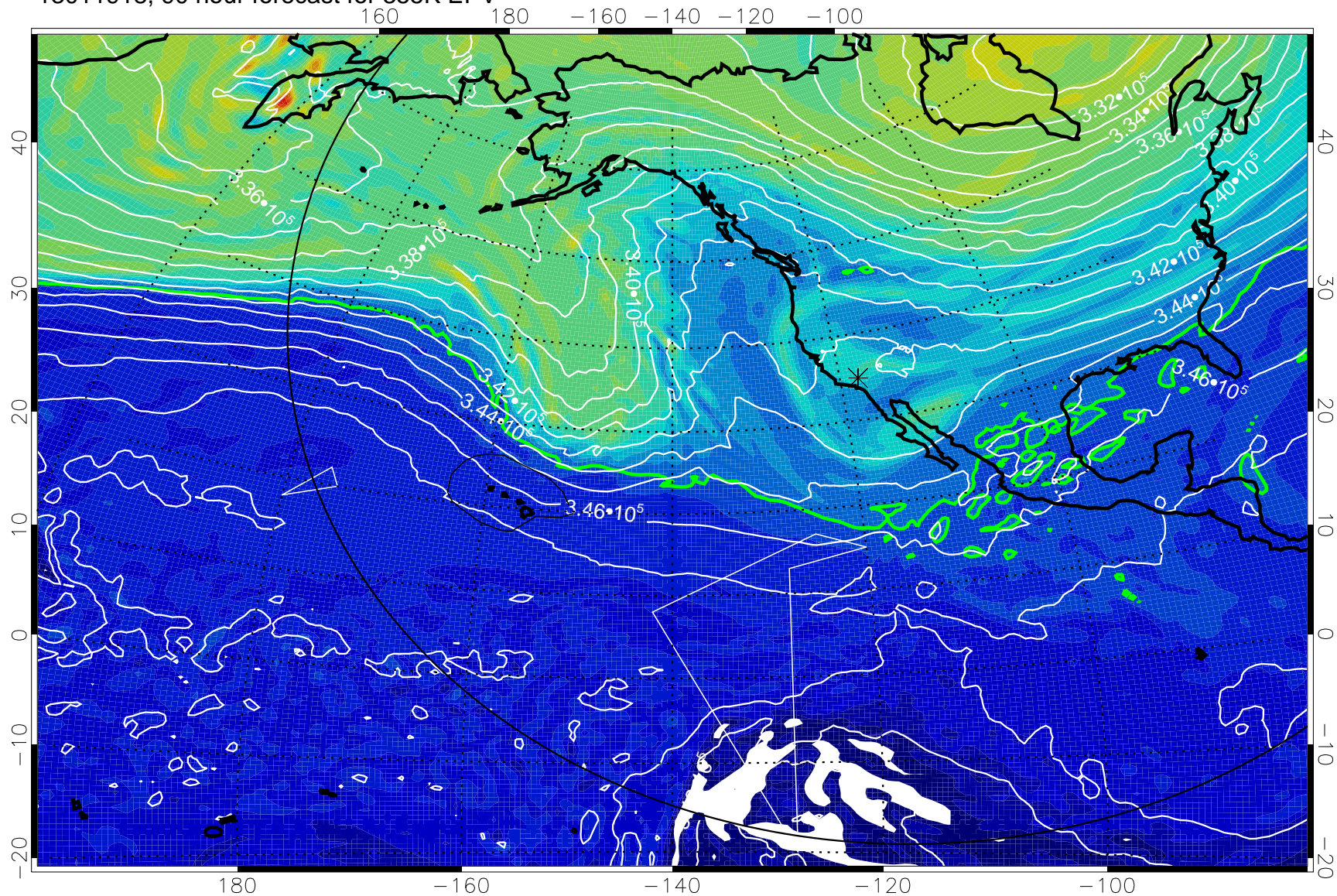
160 180 -160 -140 -120 -100



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

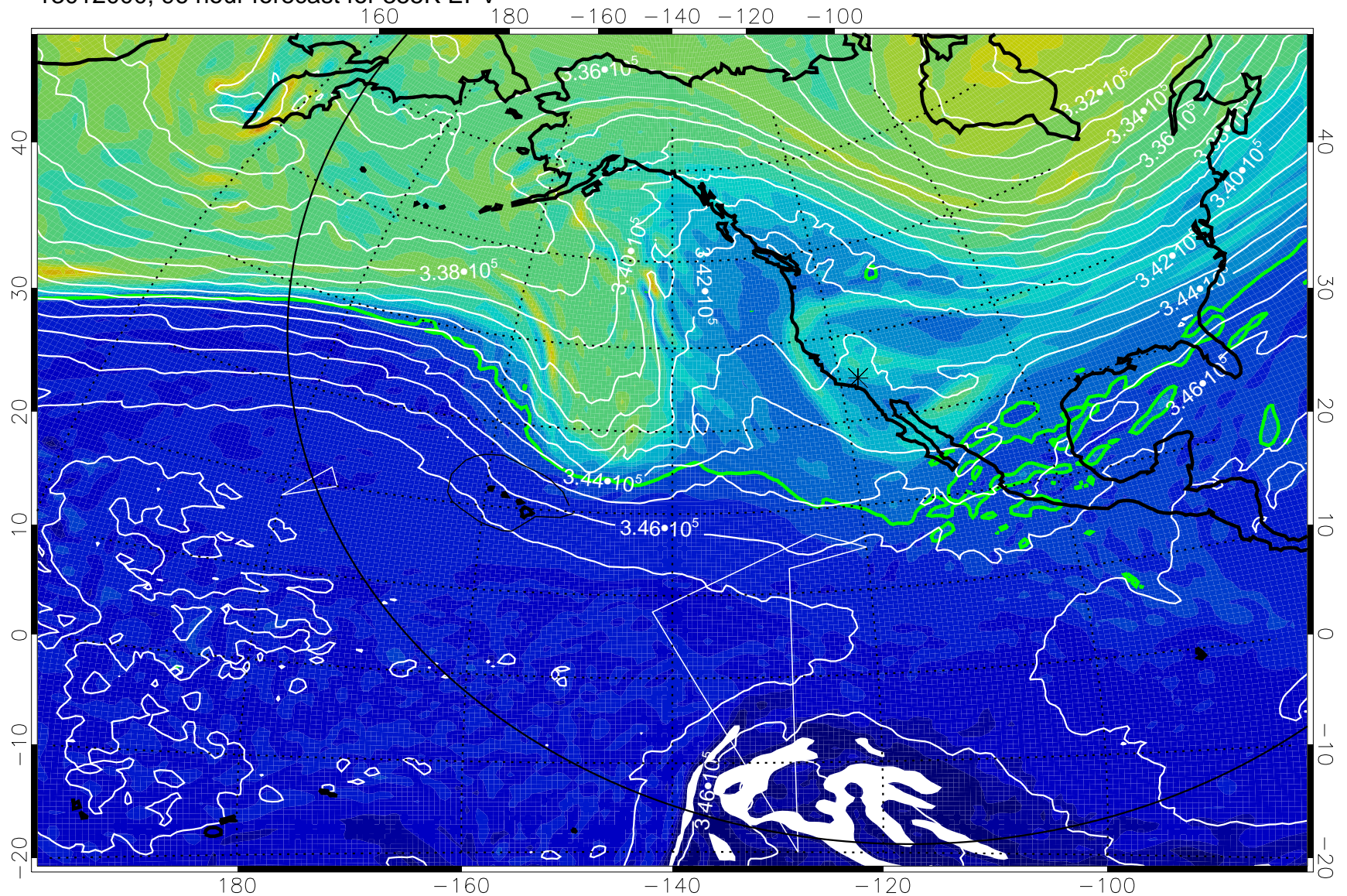
13011918, 90 hour forecast for 355K EPV



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

13012000, 96 hour forecast for 355K EPV

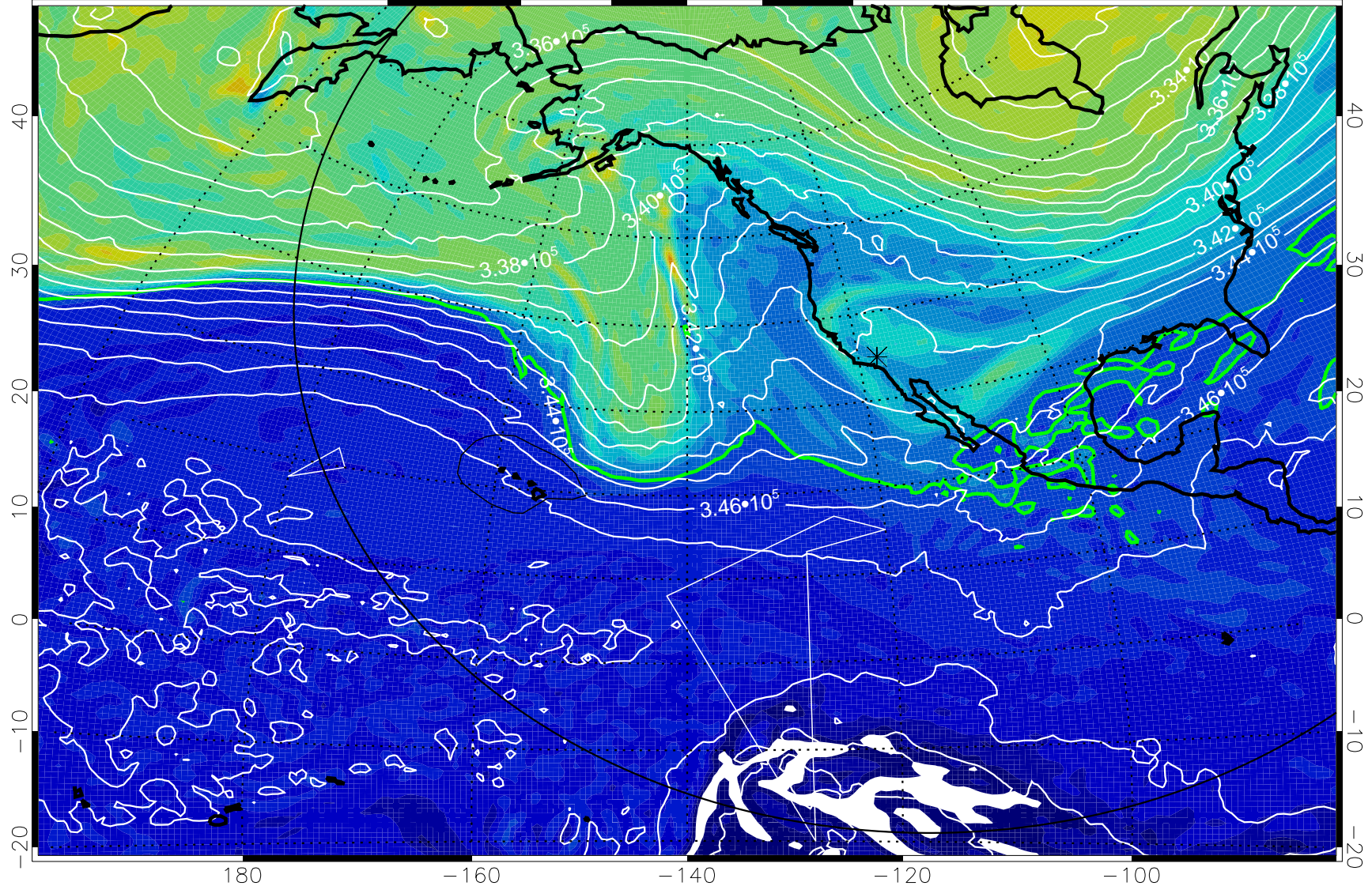


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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

13012006, 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

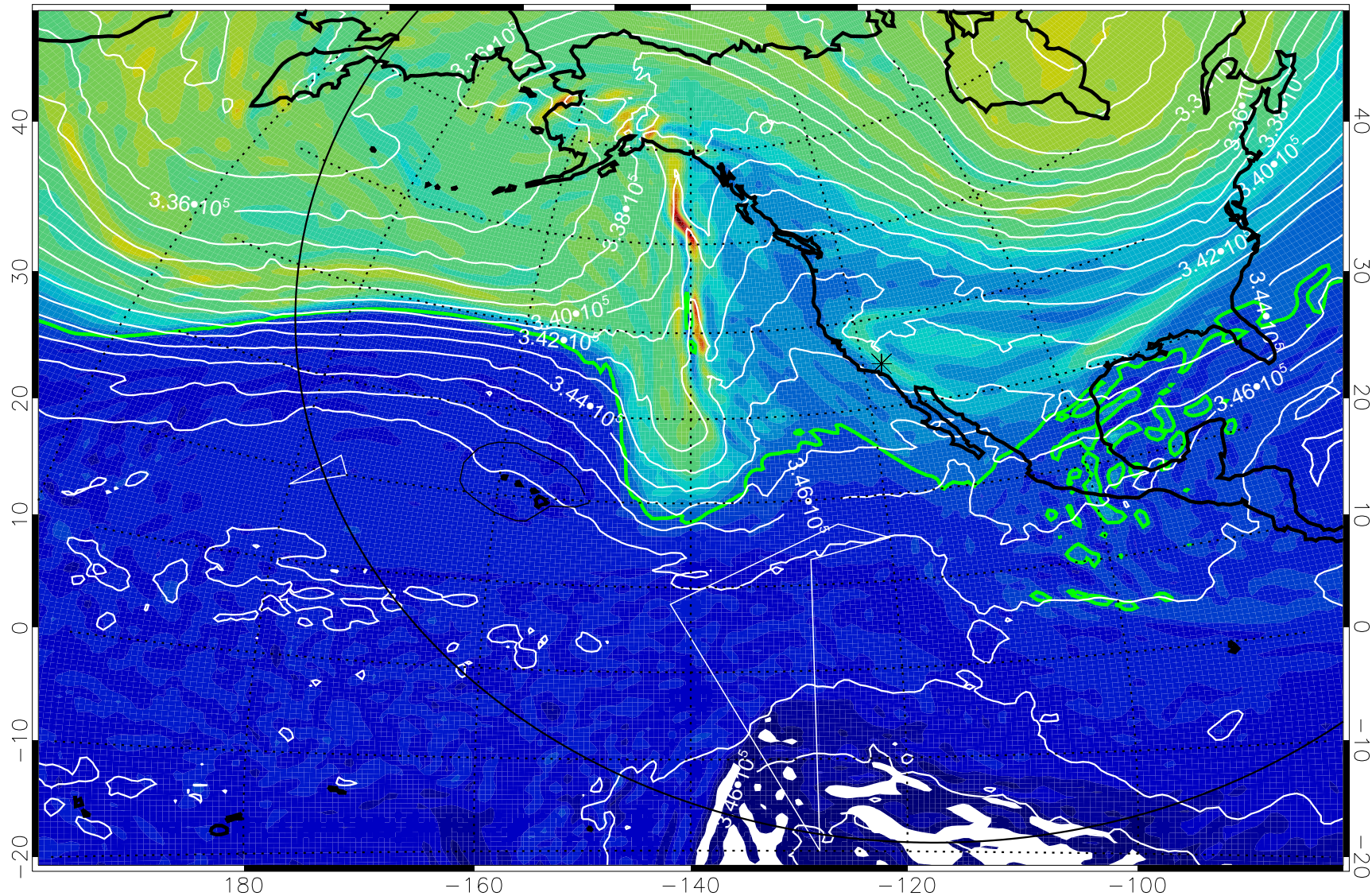
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip





13012018, 114 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

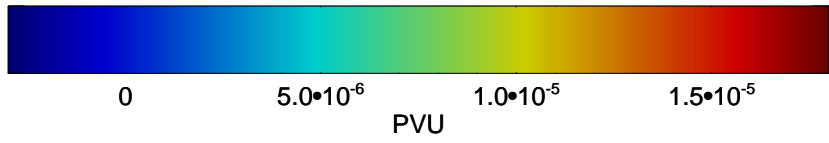
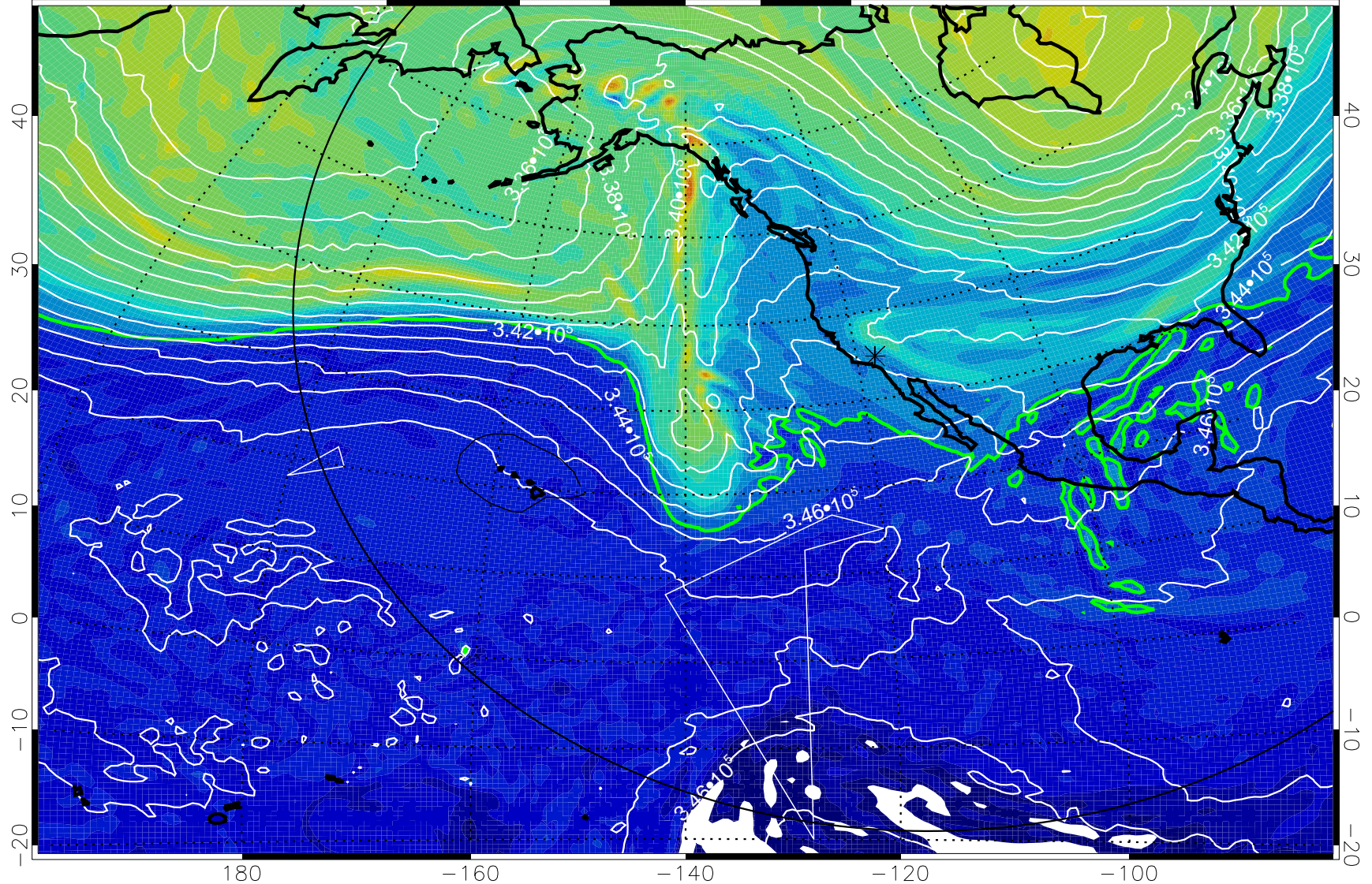


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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

13012100, 120 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