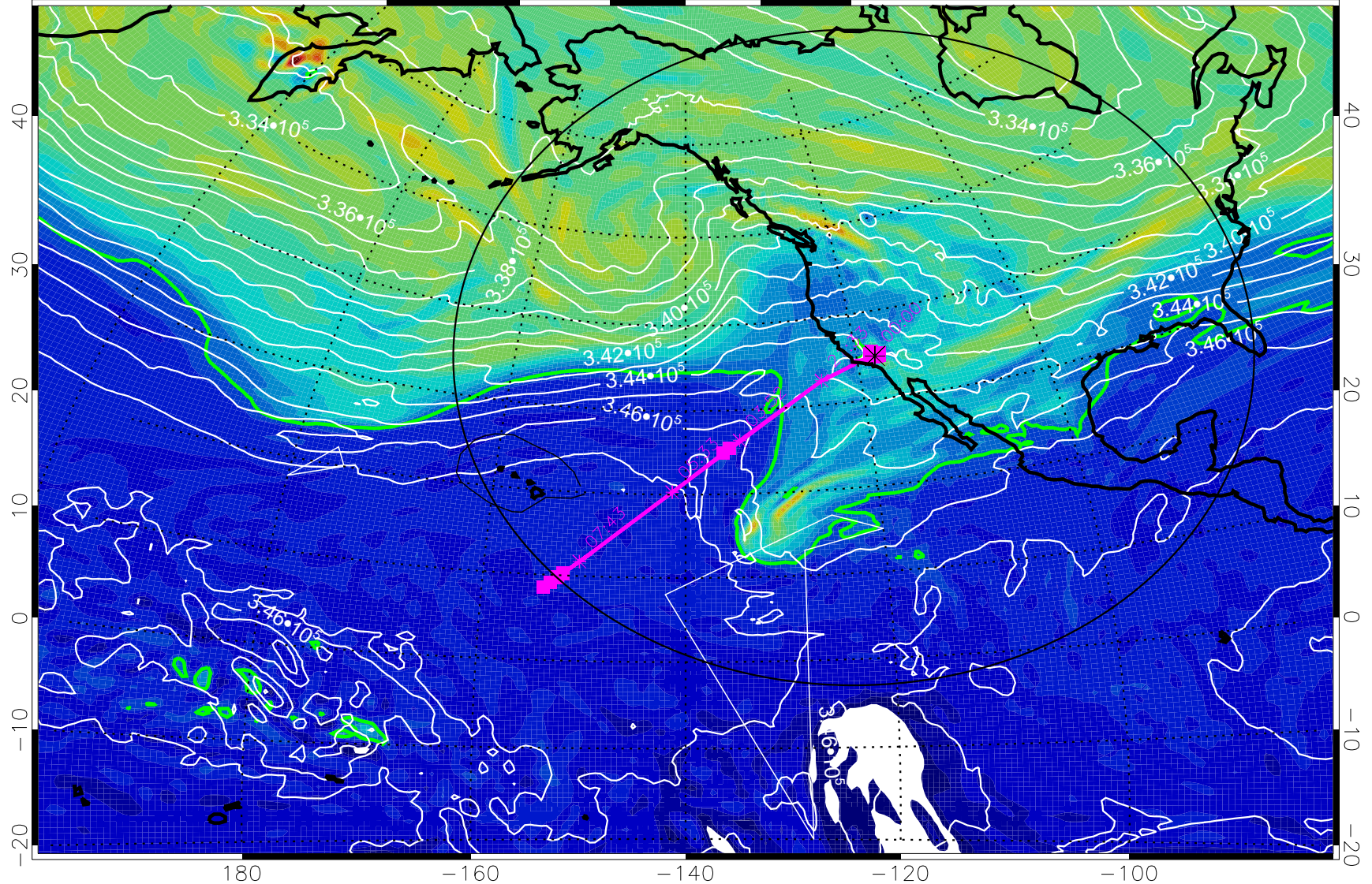


13020418, 6 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

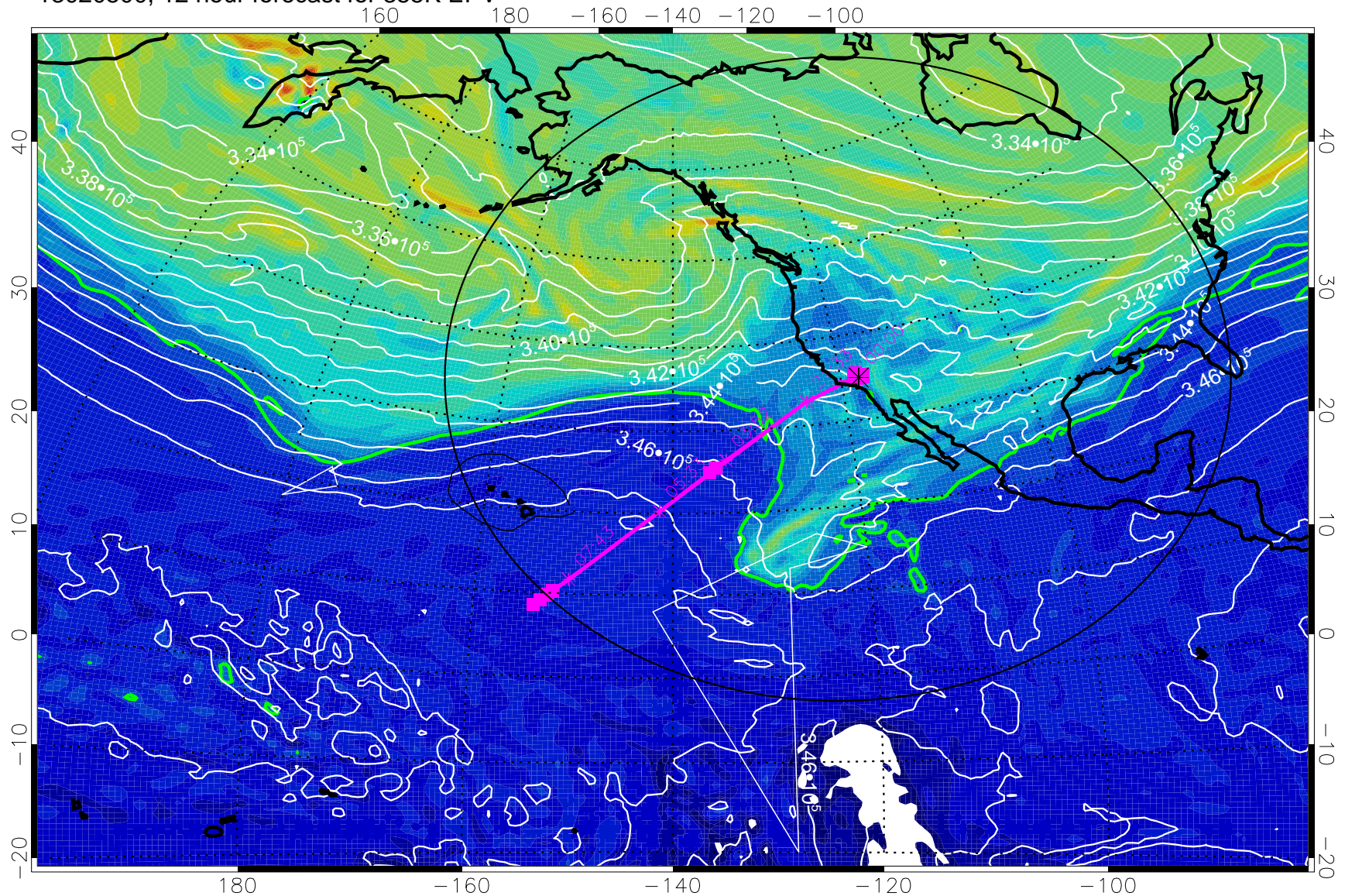


0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>  
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



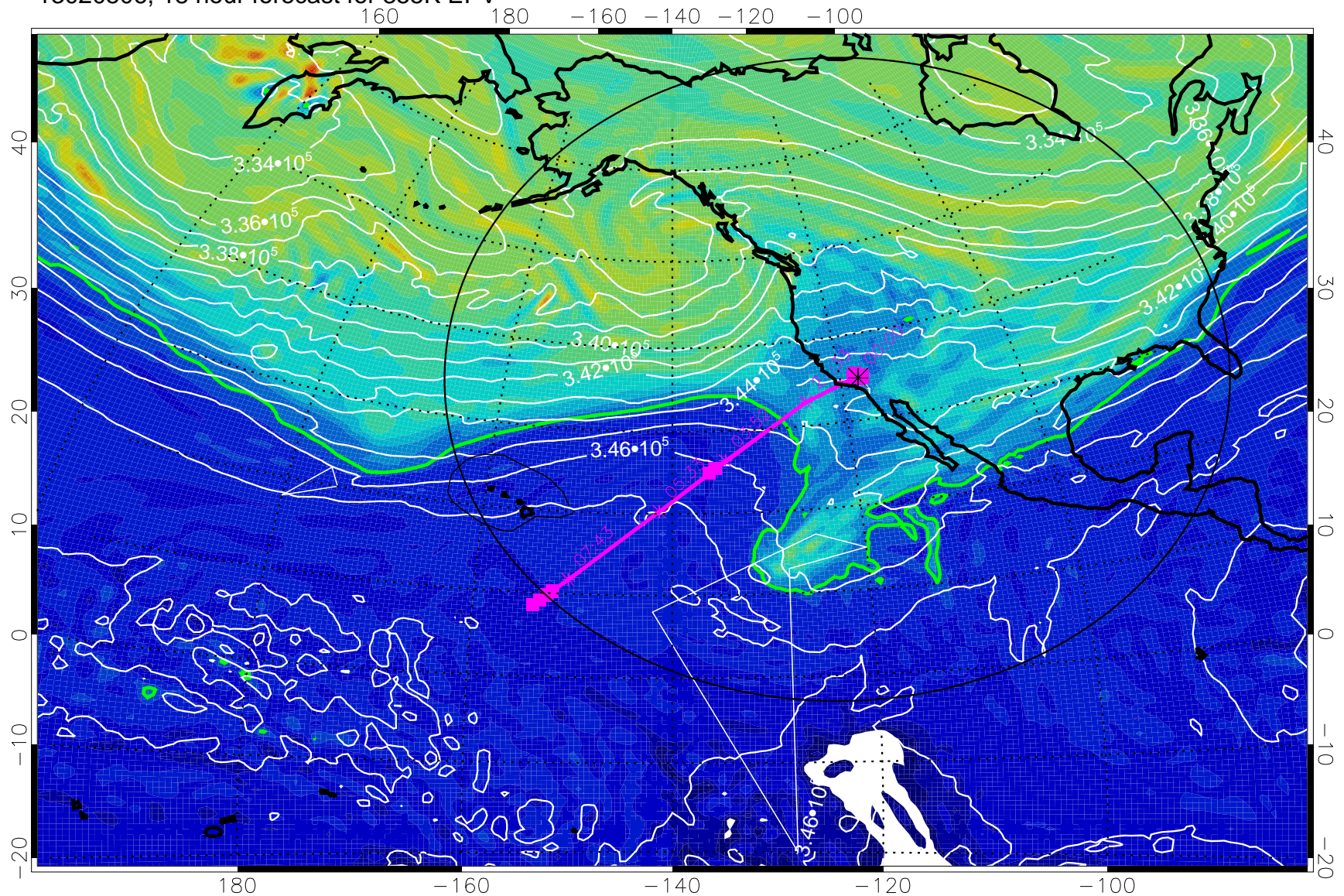
13020500, 12 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020506, 18 hour forecast for 355K EPV

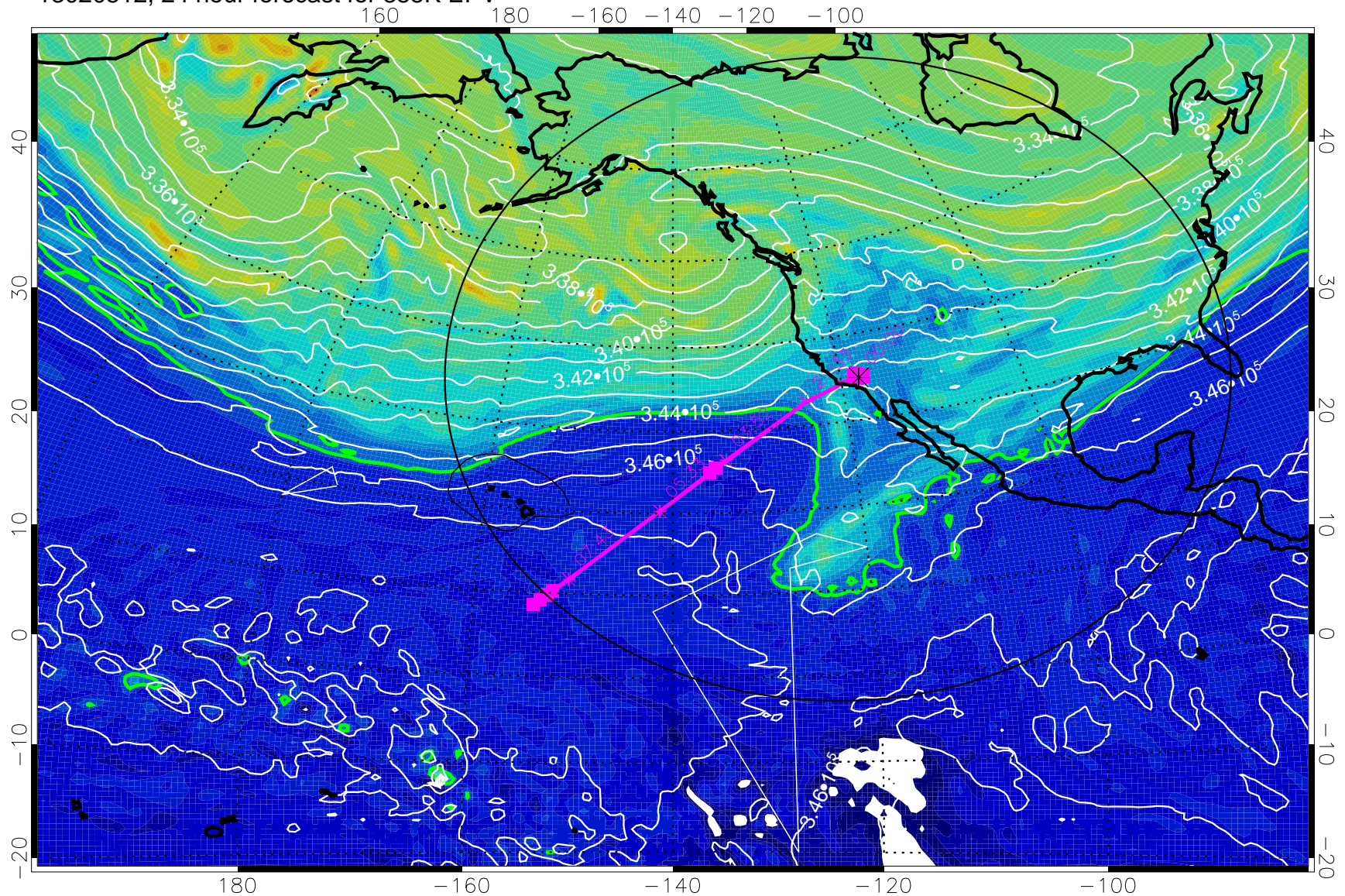


PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



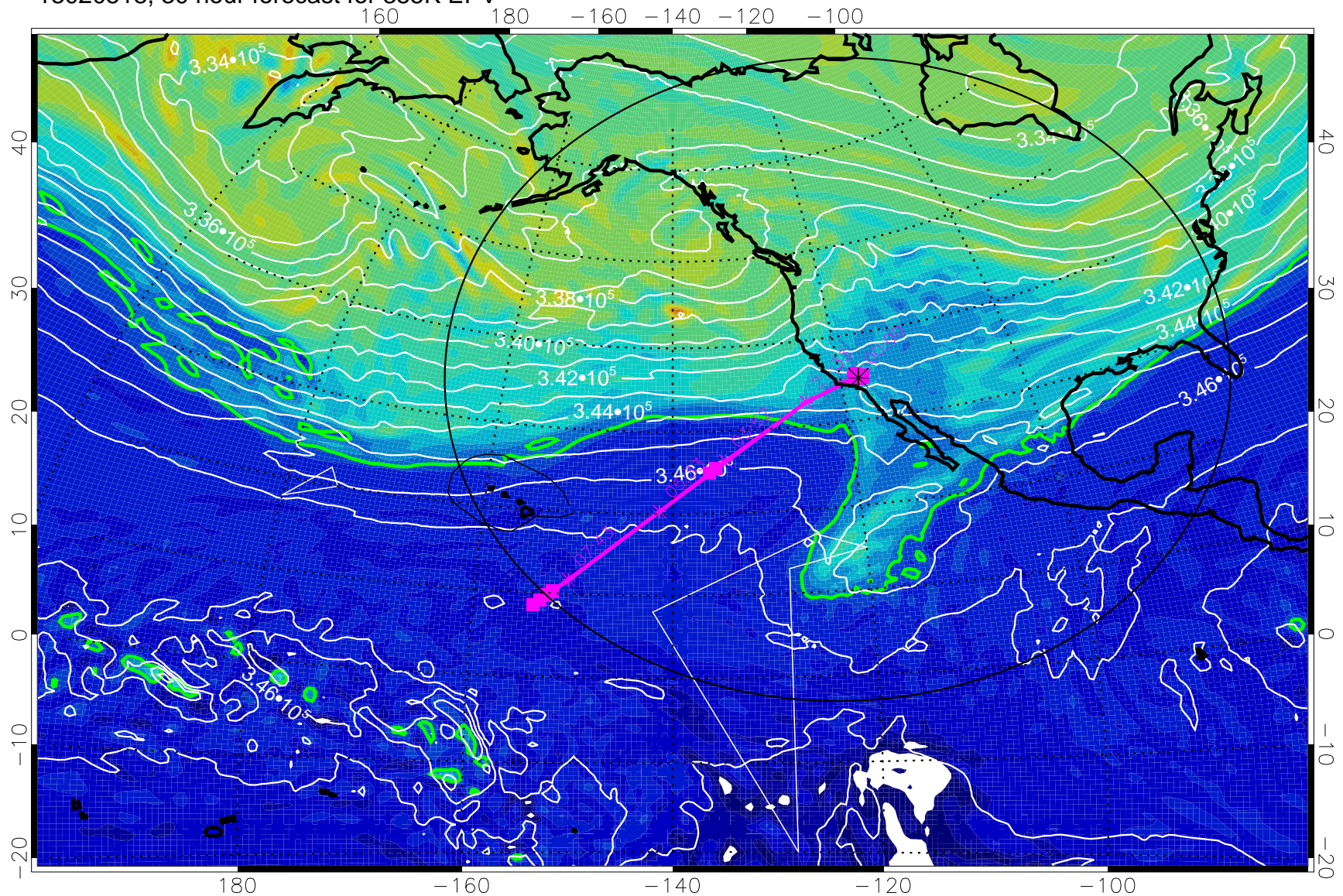
13020512, 24 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020518, 30 hour forecast for 355K EPV



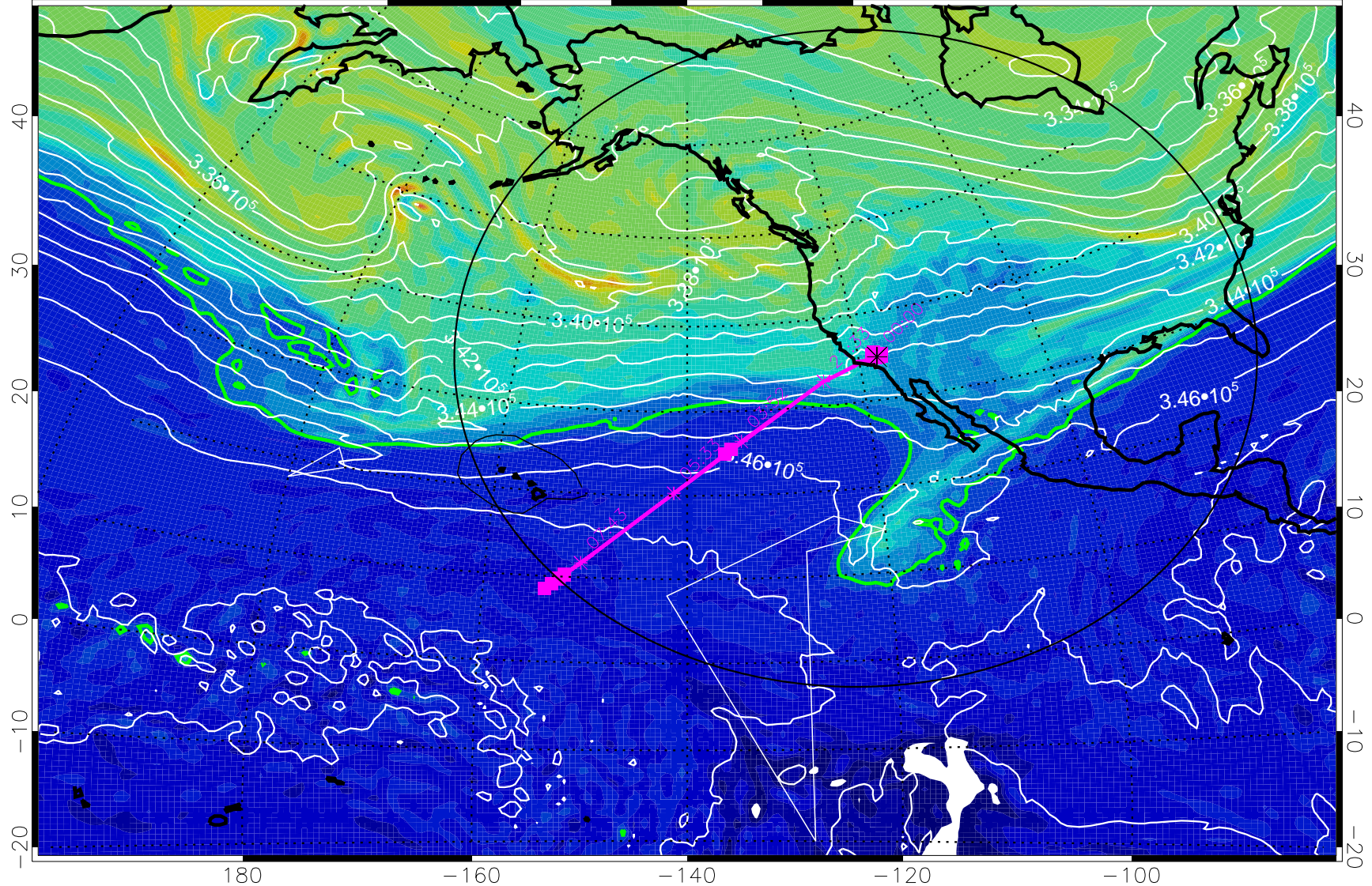
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020600, 36 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



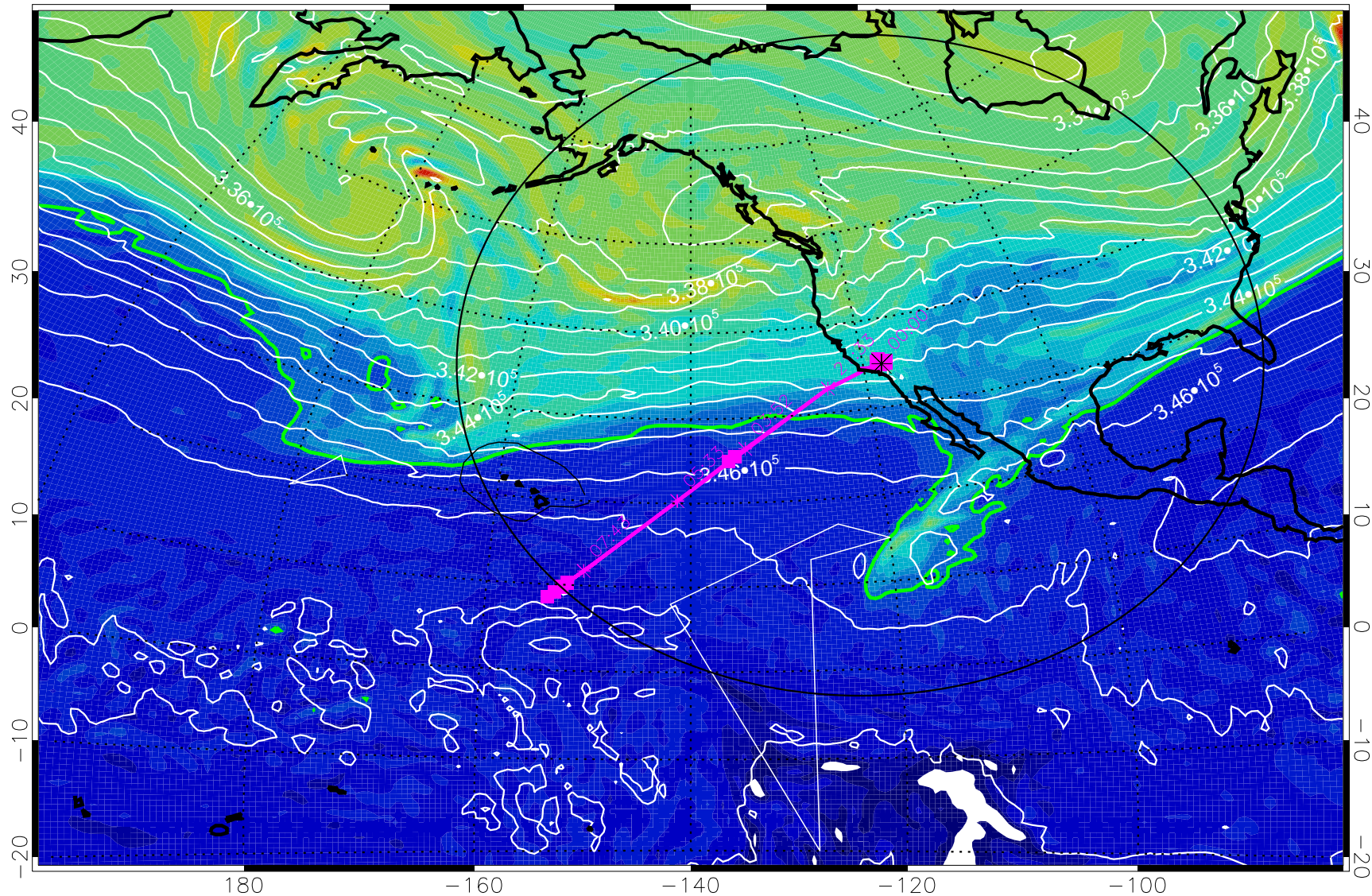
0 5.0\*10<sup>-6</sup> 1.0\*10<sup>-5</sup> 1.5\*10<sup>-5</sup>  
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020606, 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>

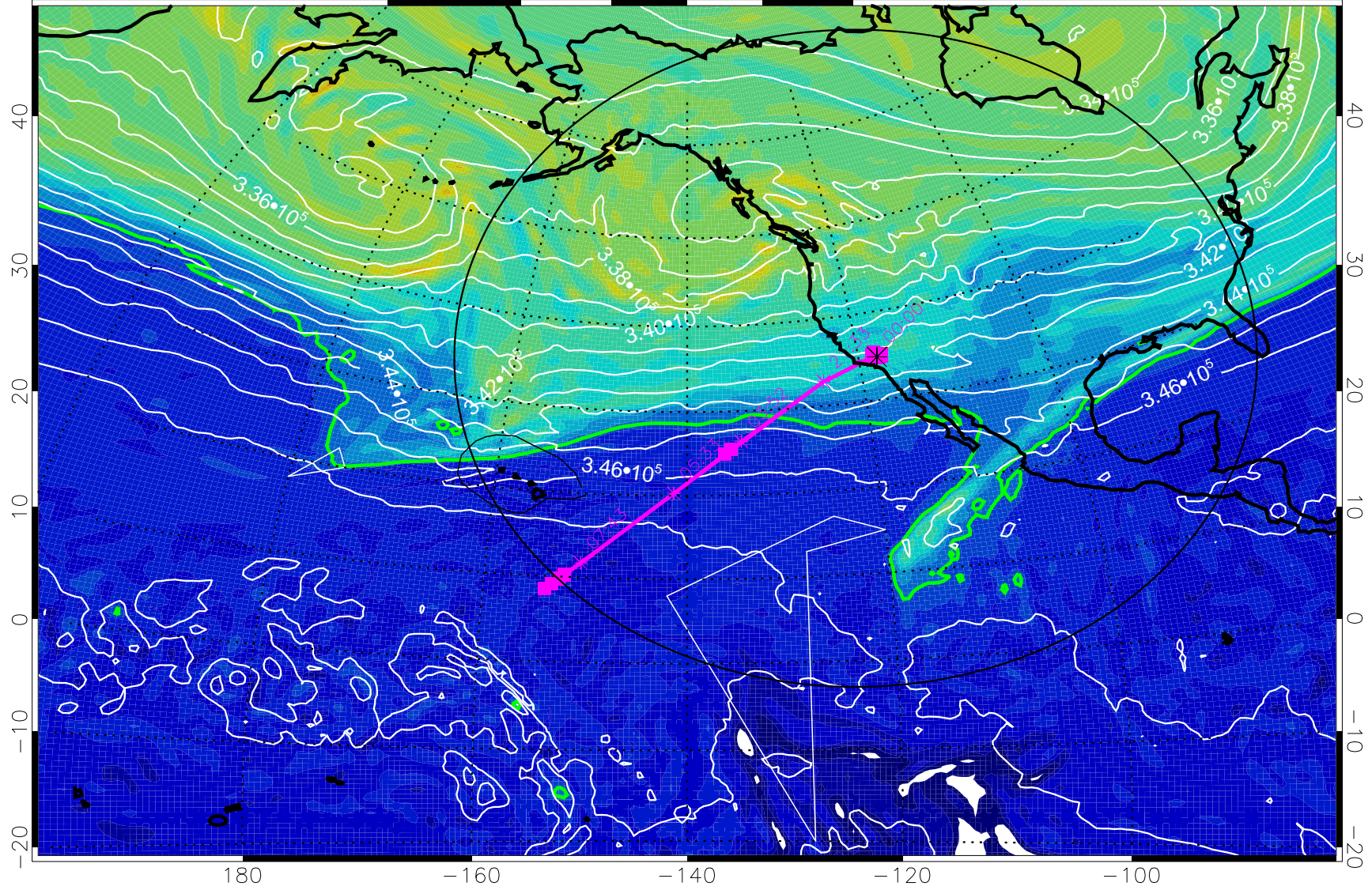
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020612, 48 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

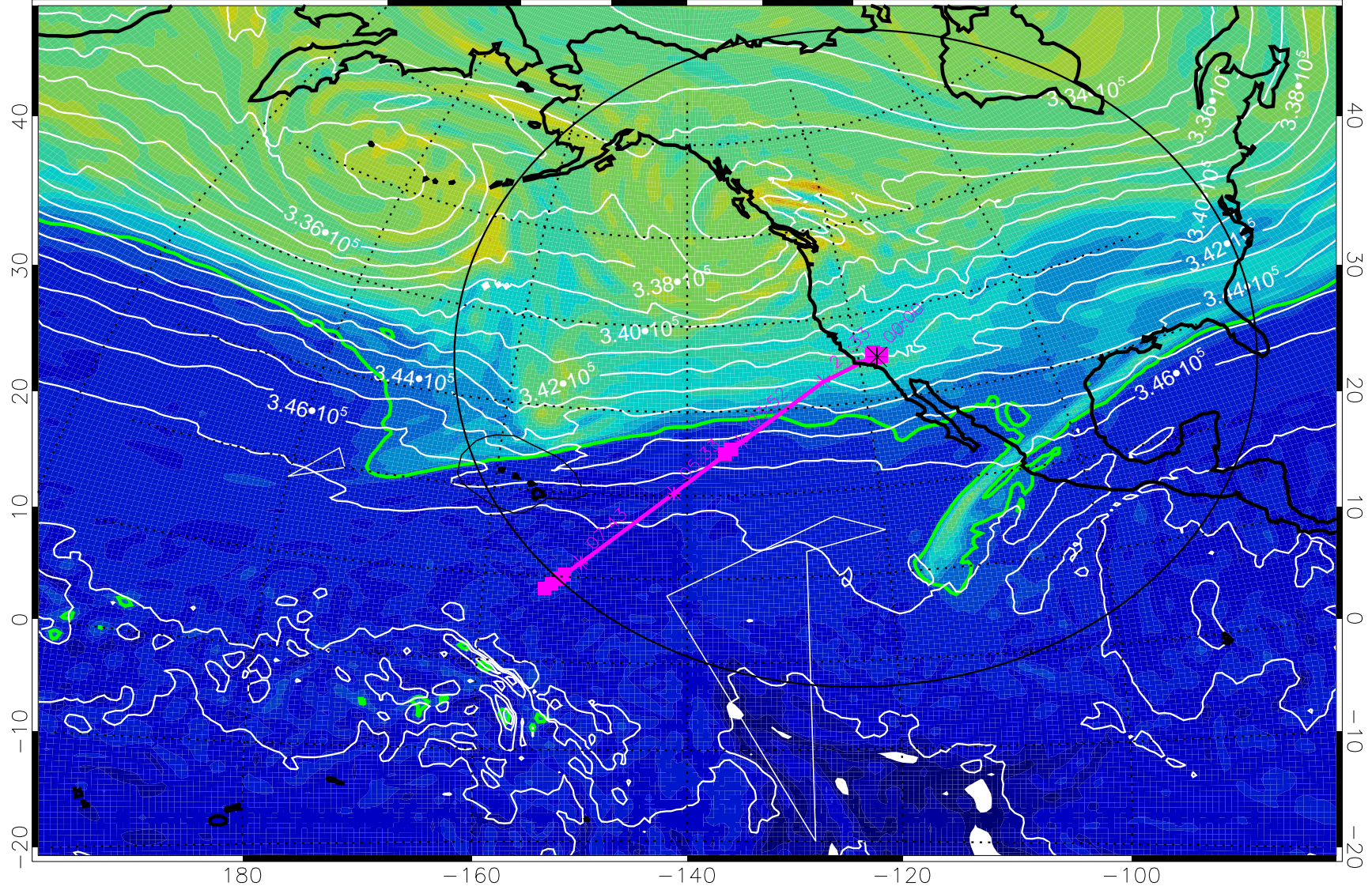


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020618, 54 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



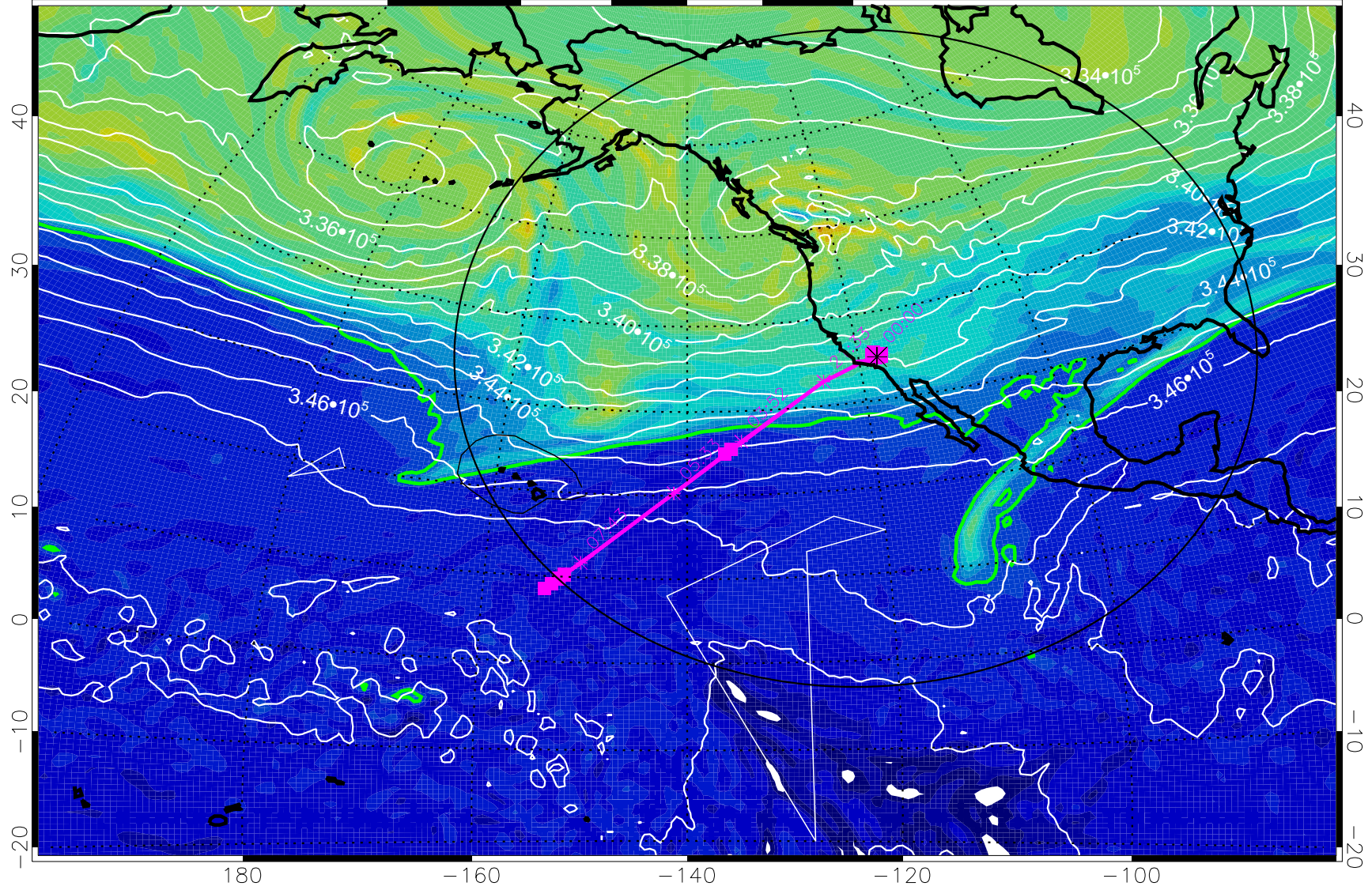
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020700, 60 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

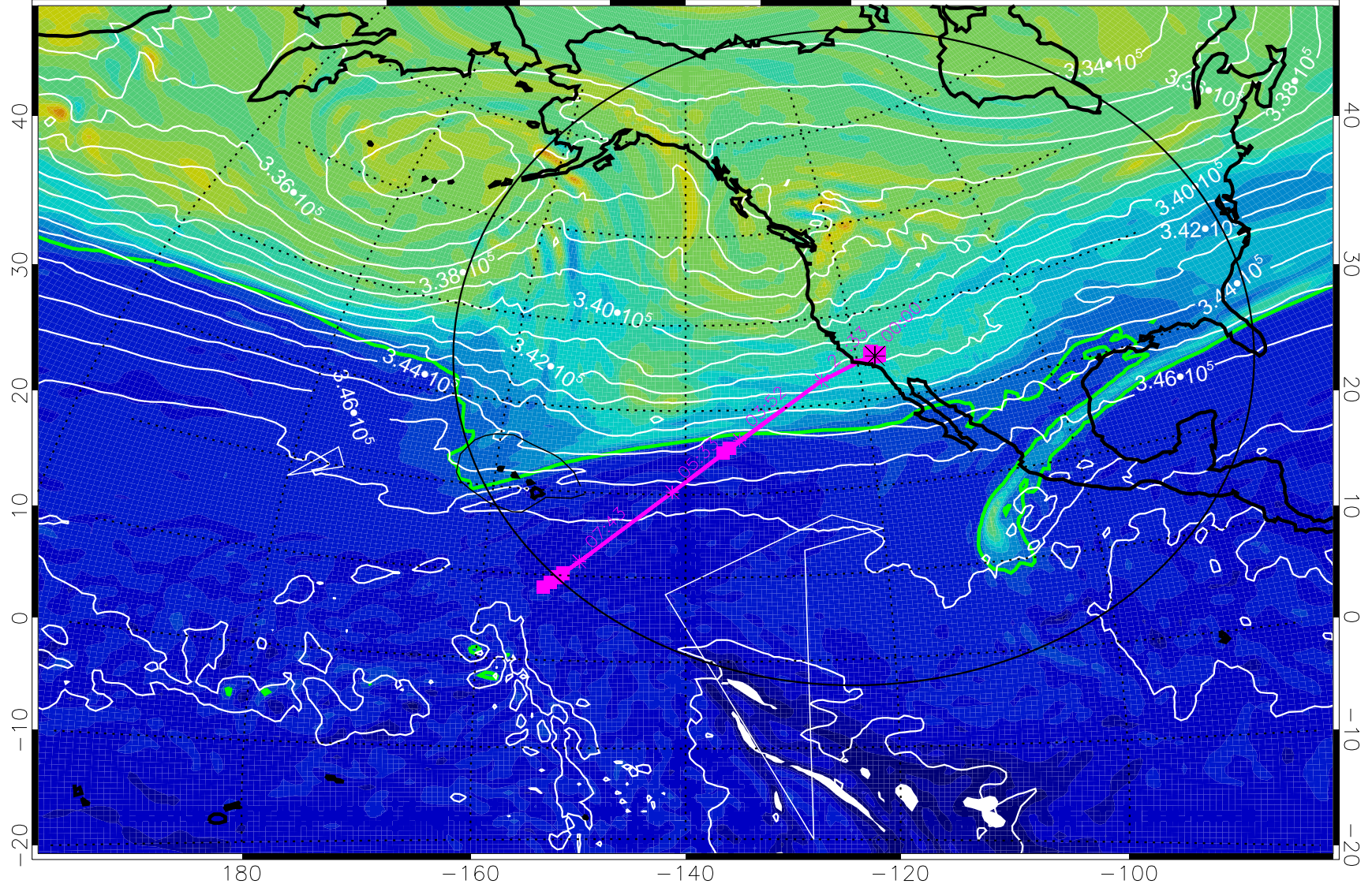


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020706, 66 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



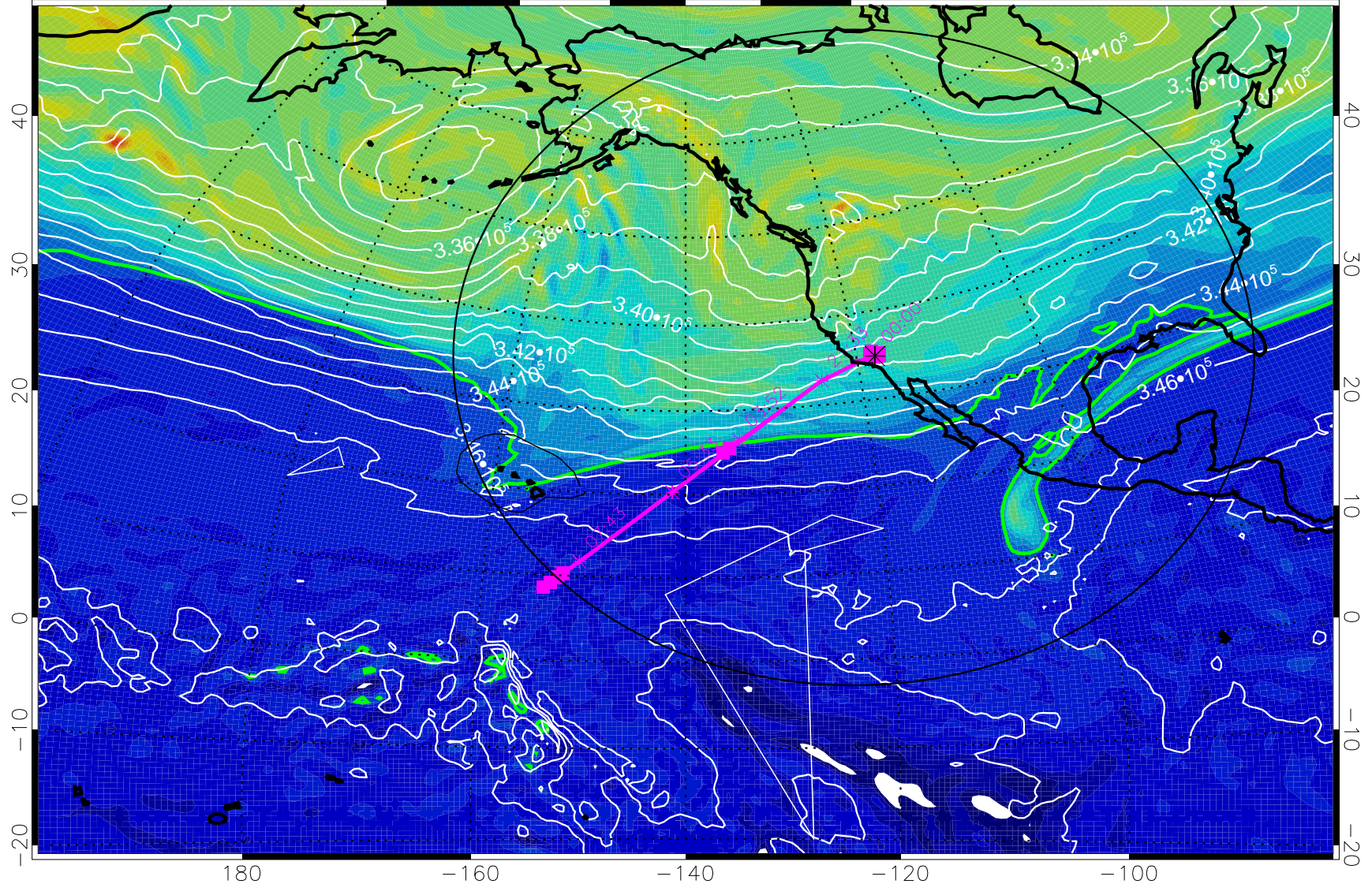
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020712, 72 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

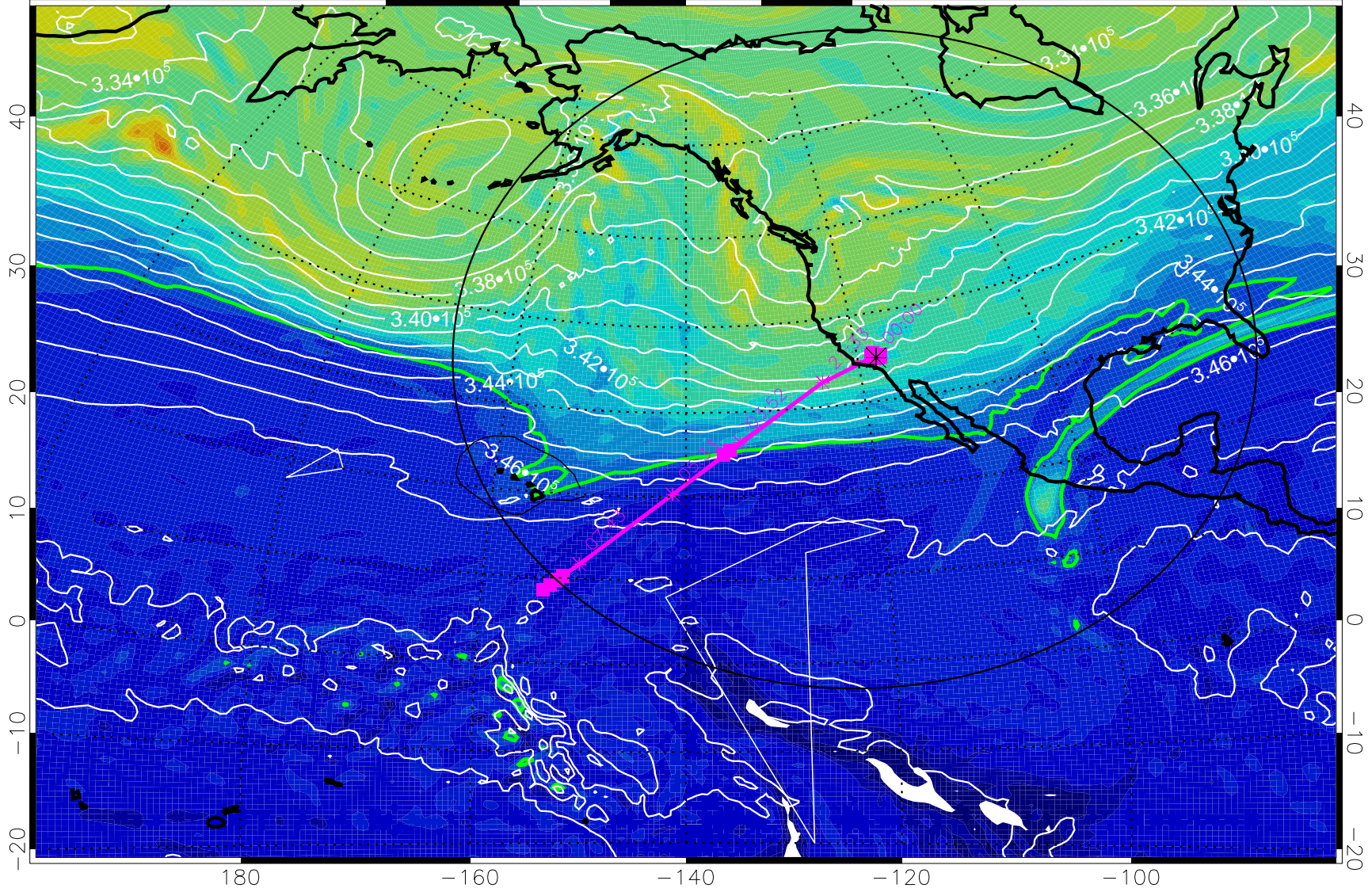


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020718, 78 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



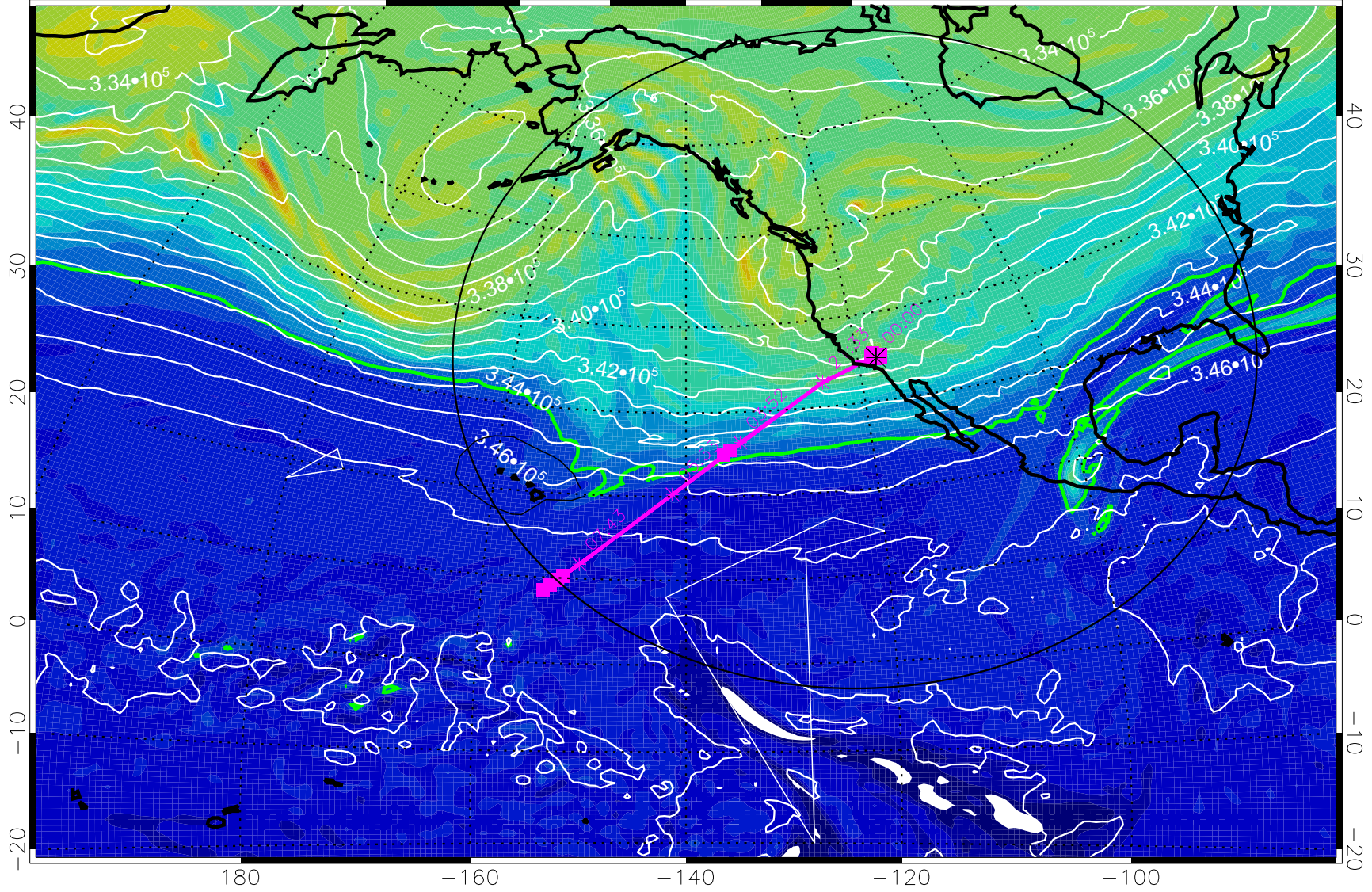
0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>  
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020800, 84 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

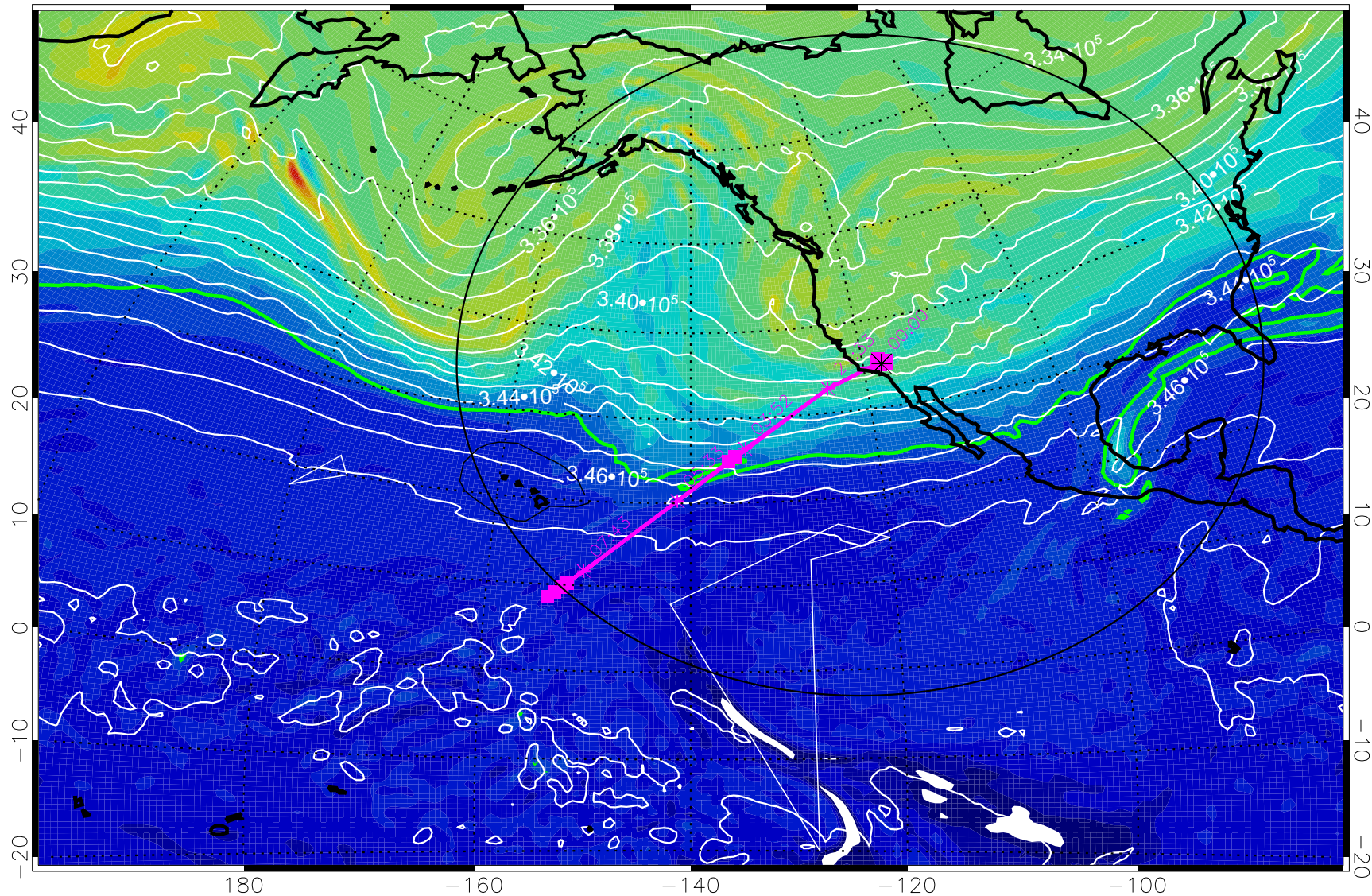


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020806, 90 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>

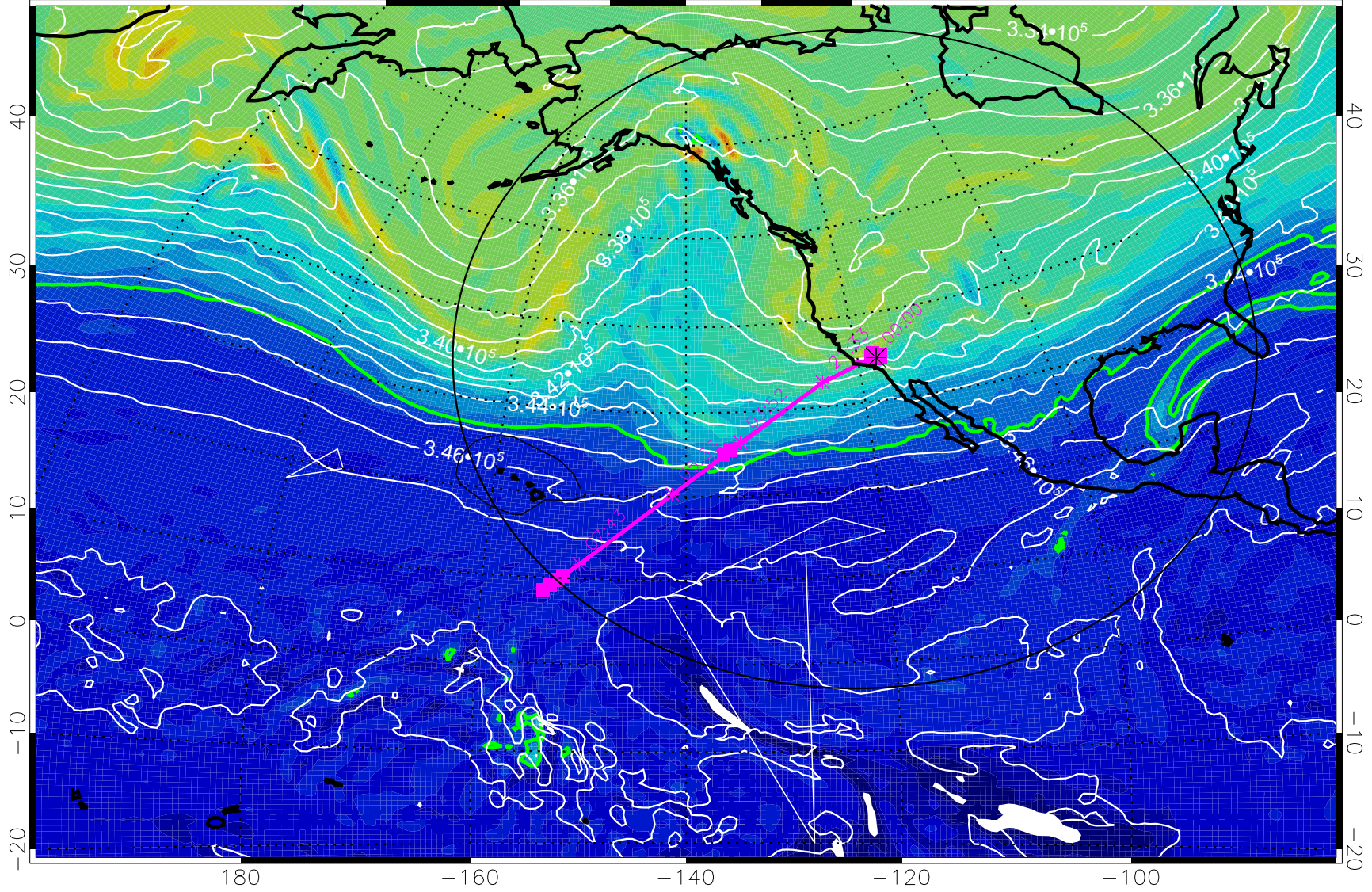
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020812, 96 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

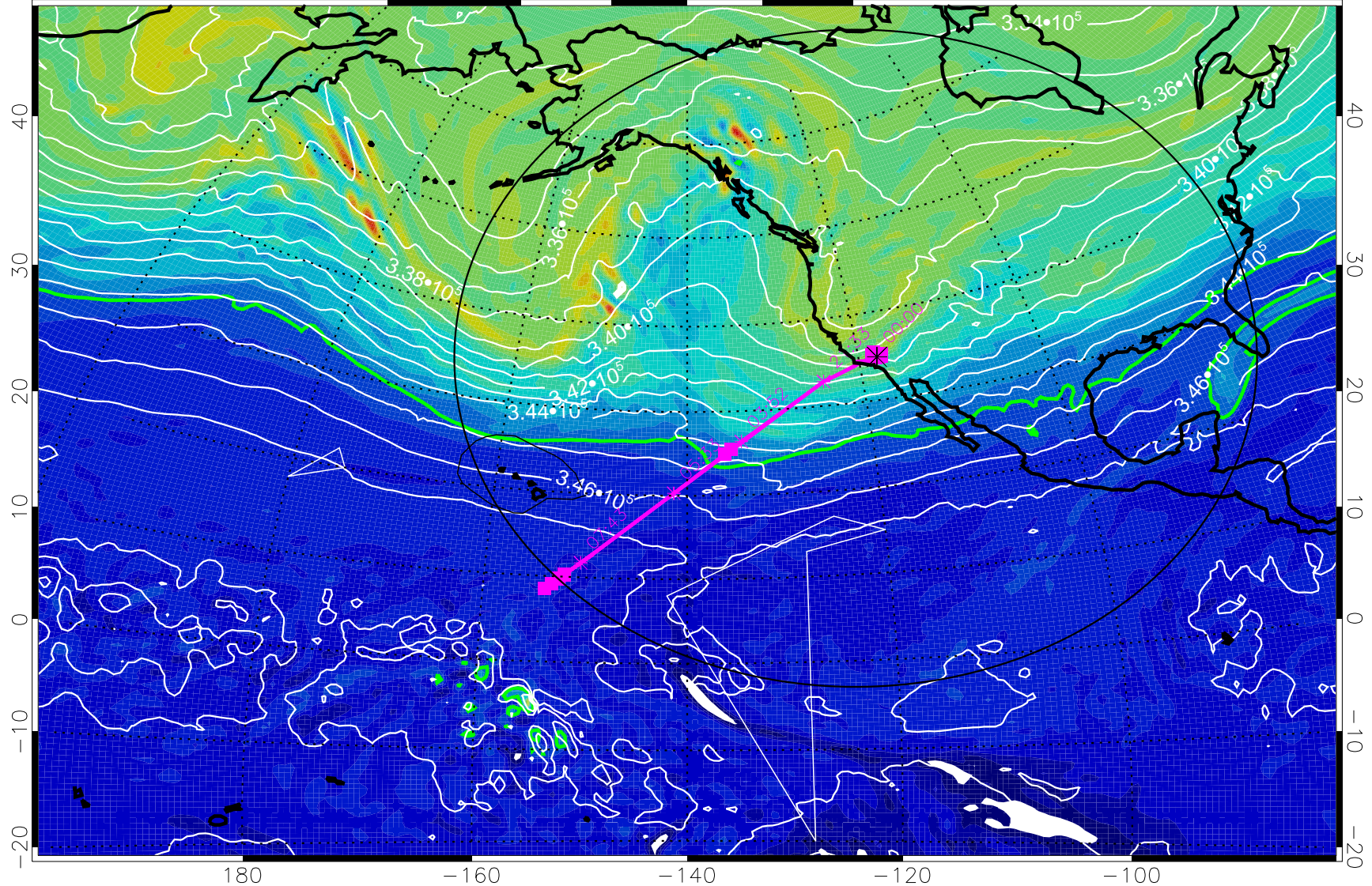


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020818, 102 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



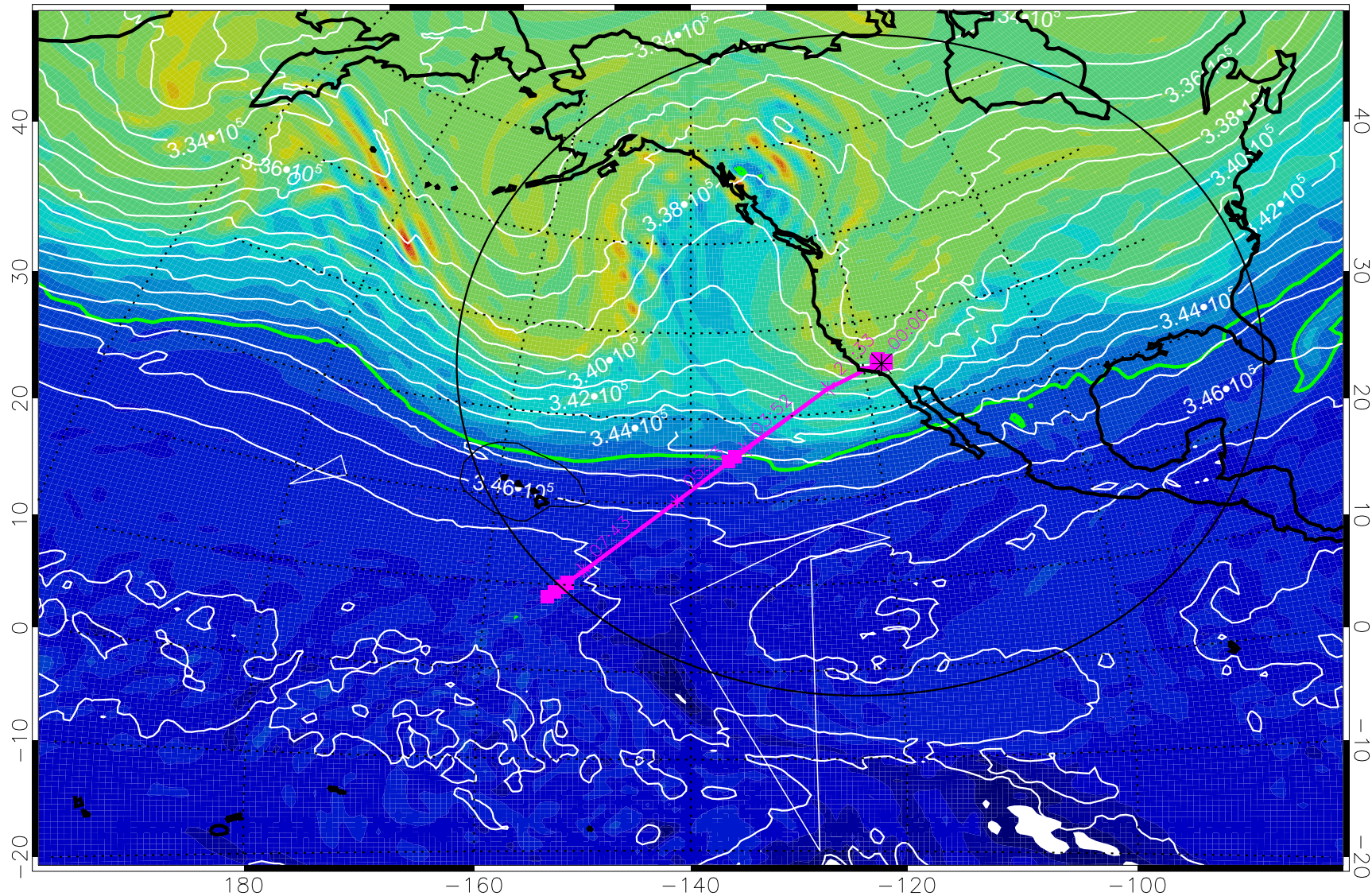
0 5.0\*10<sup>-6</sup> 1.0\*10<sup>-5</sup> 1.5\*10<sup>-5</sup>  
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020900, 108 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



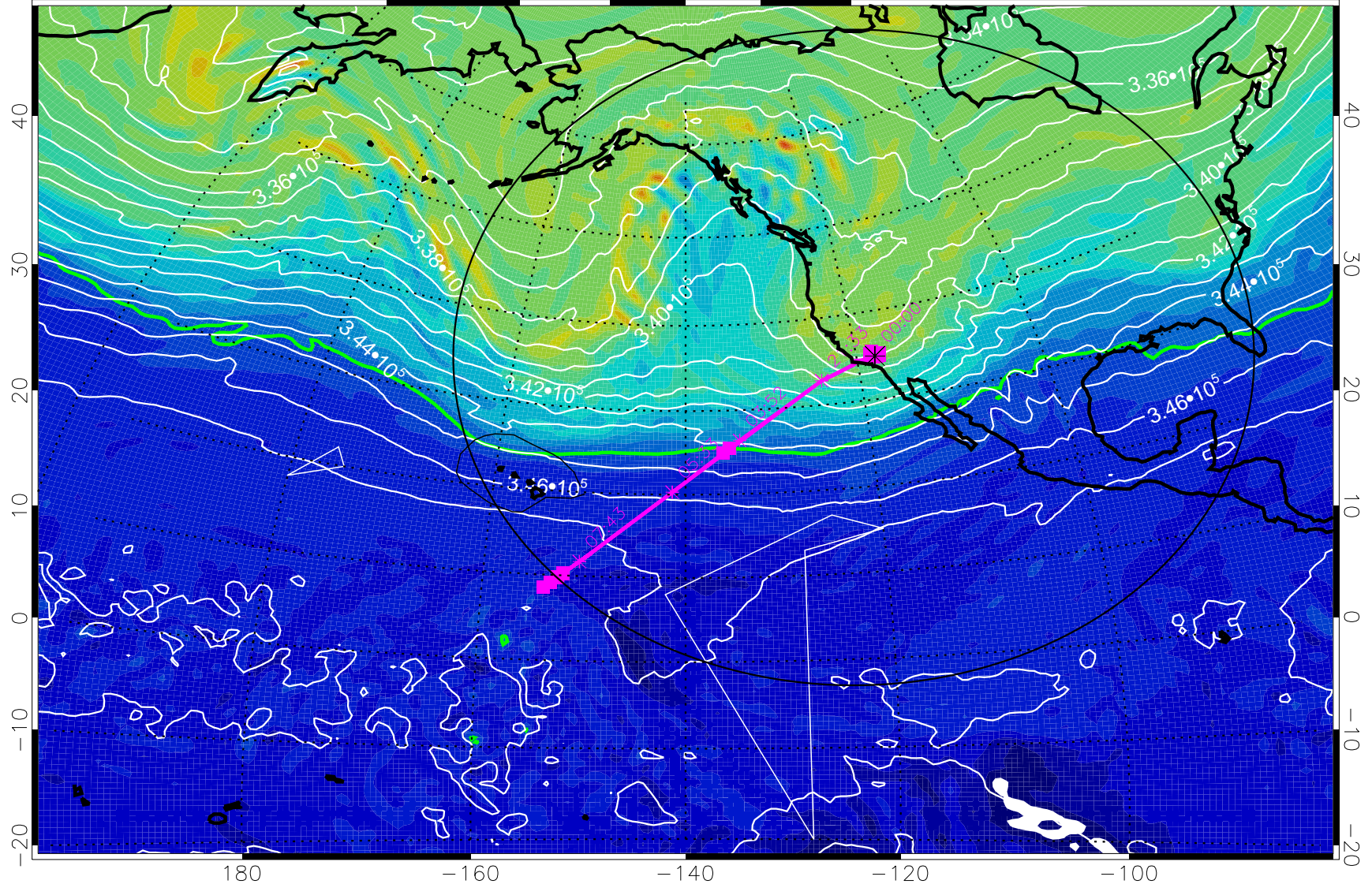
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020906, 114 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

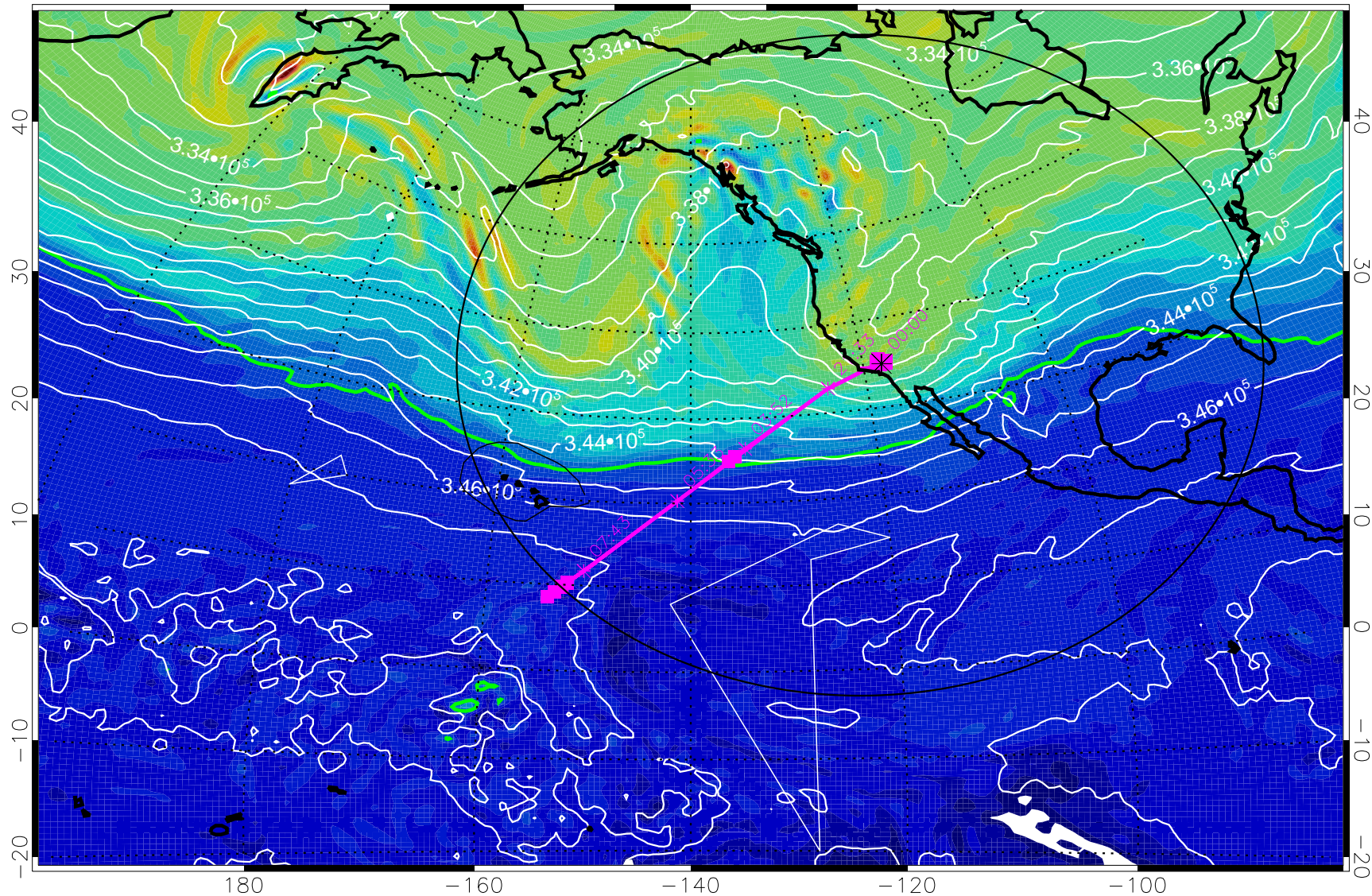


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13020912, 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 4055 km -- 13 hours GH round trip