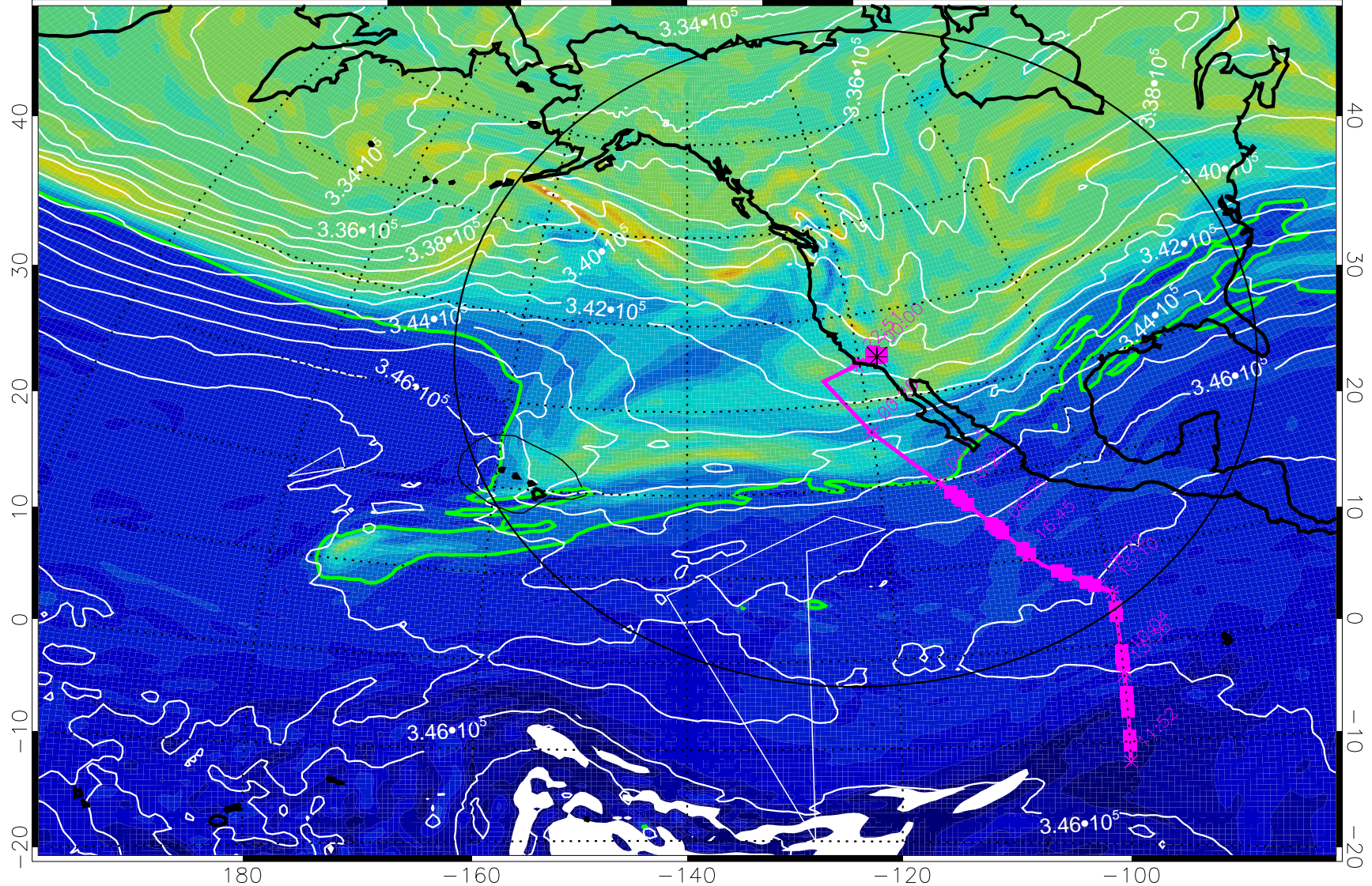


13022218, 6 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

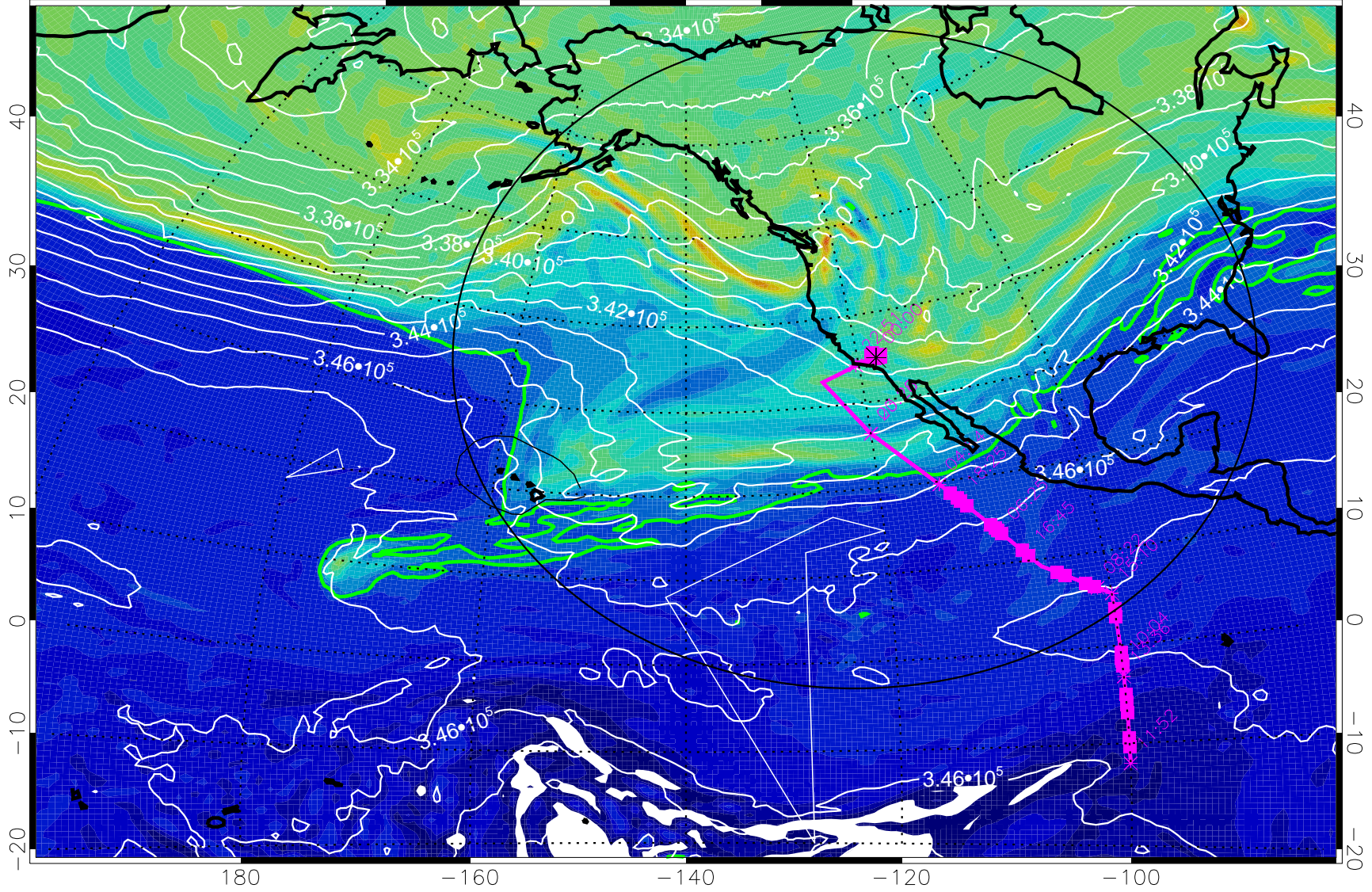


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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

13022300, 12 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

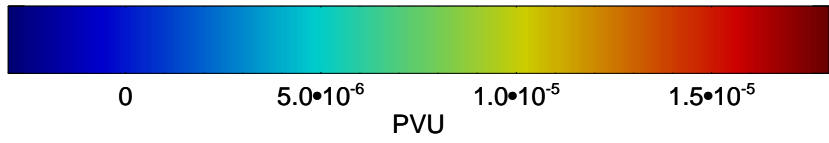
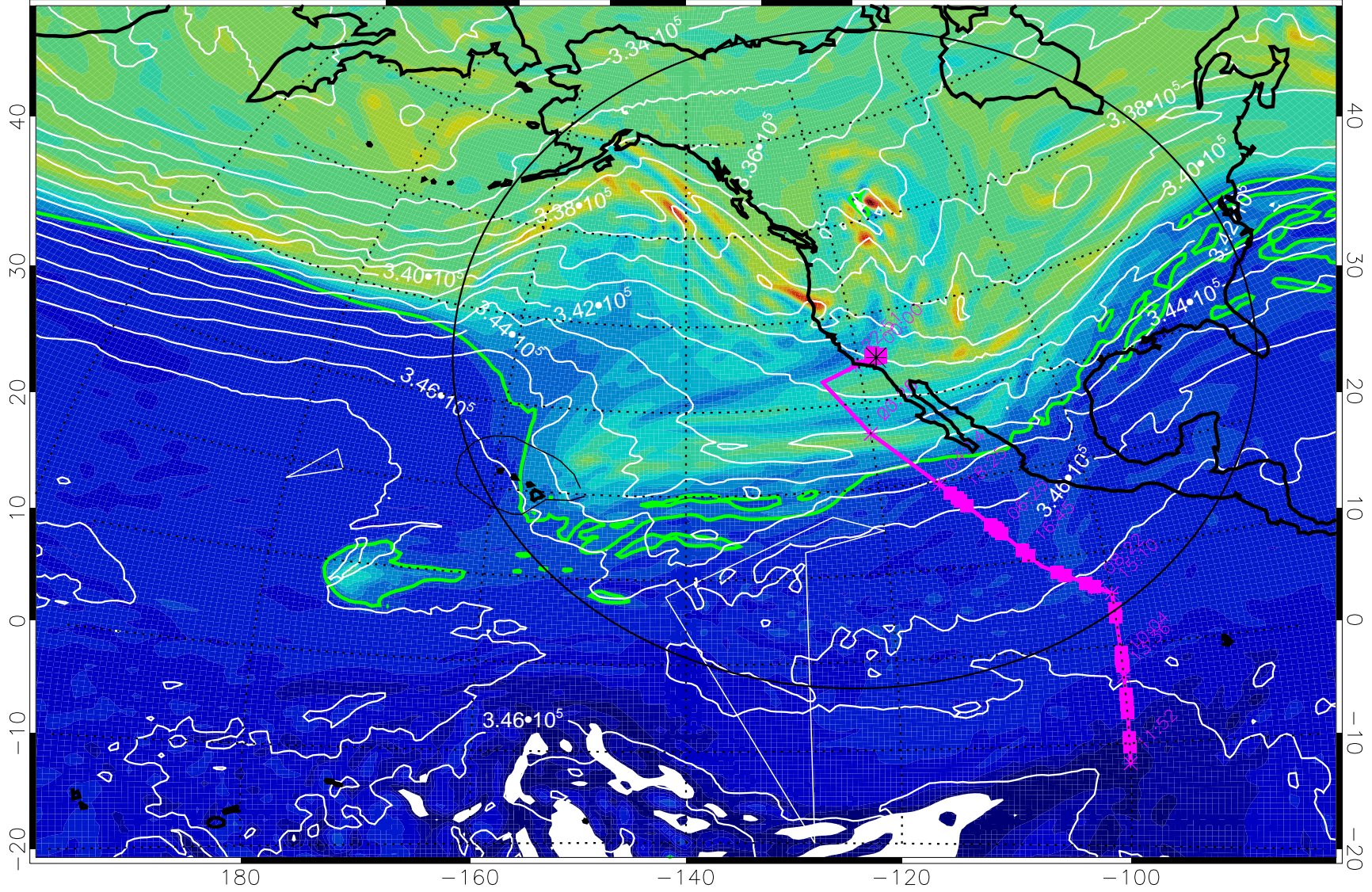


0  $5.0 \times 10^{-6}$   $1.0 \times 10^{-5}$   $1.5 \times 10^{-5}$   
PVU

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

13022306, 18 hour forecast for 355K EPV

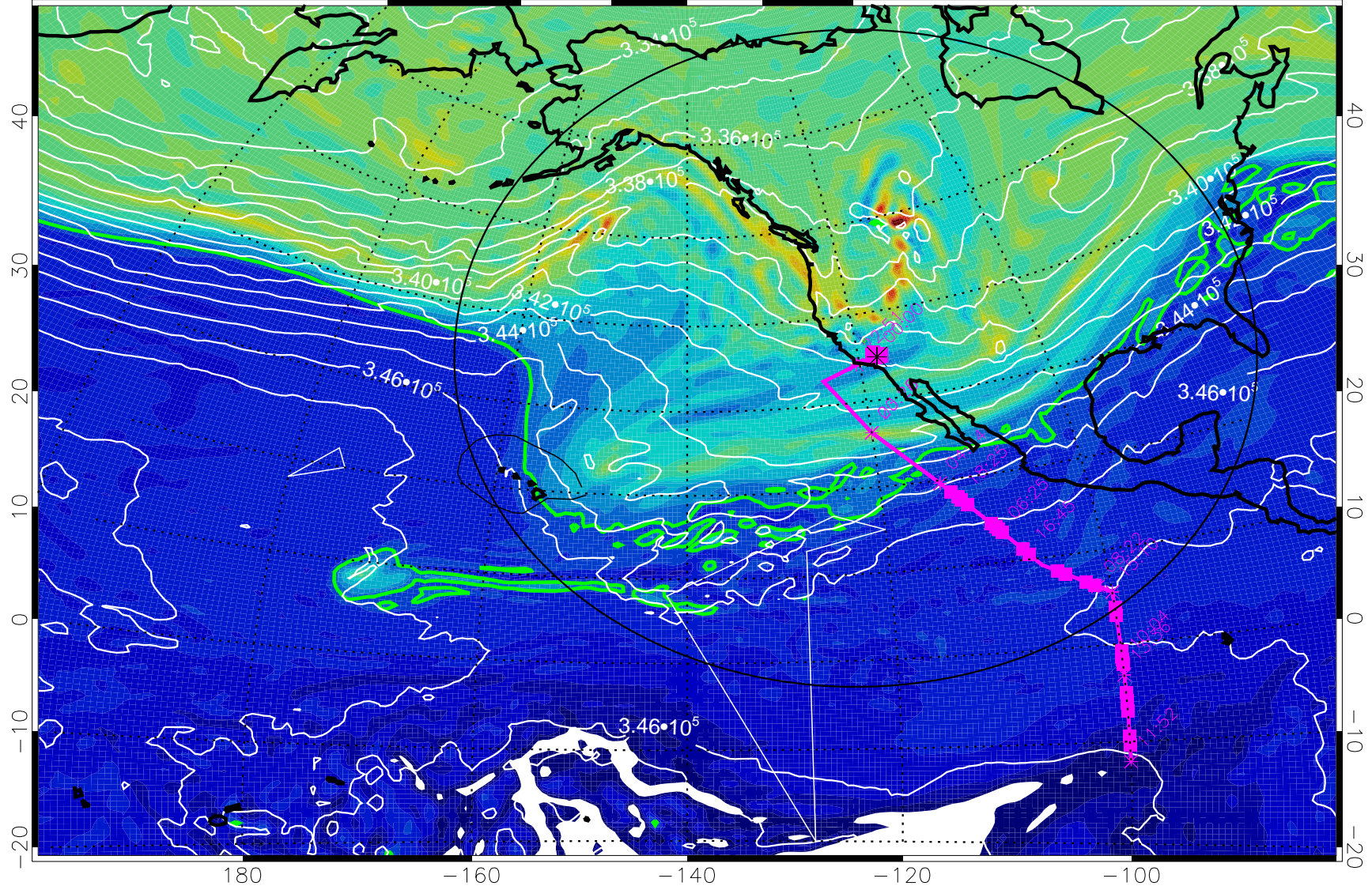
160 180 -160 -140 -120 -100



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

13022312, 24 hour forecast for 355K EPV

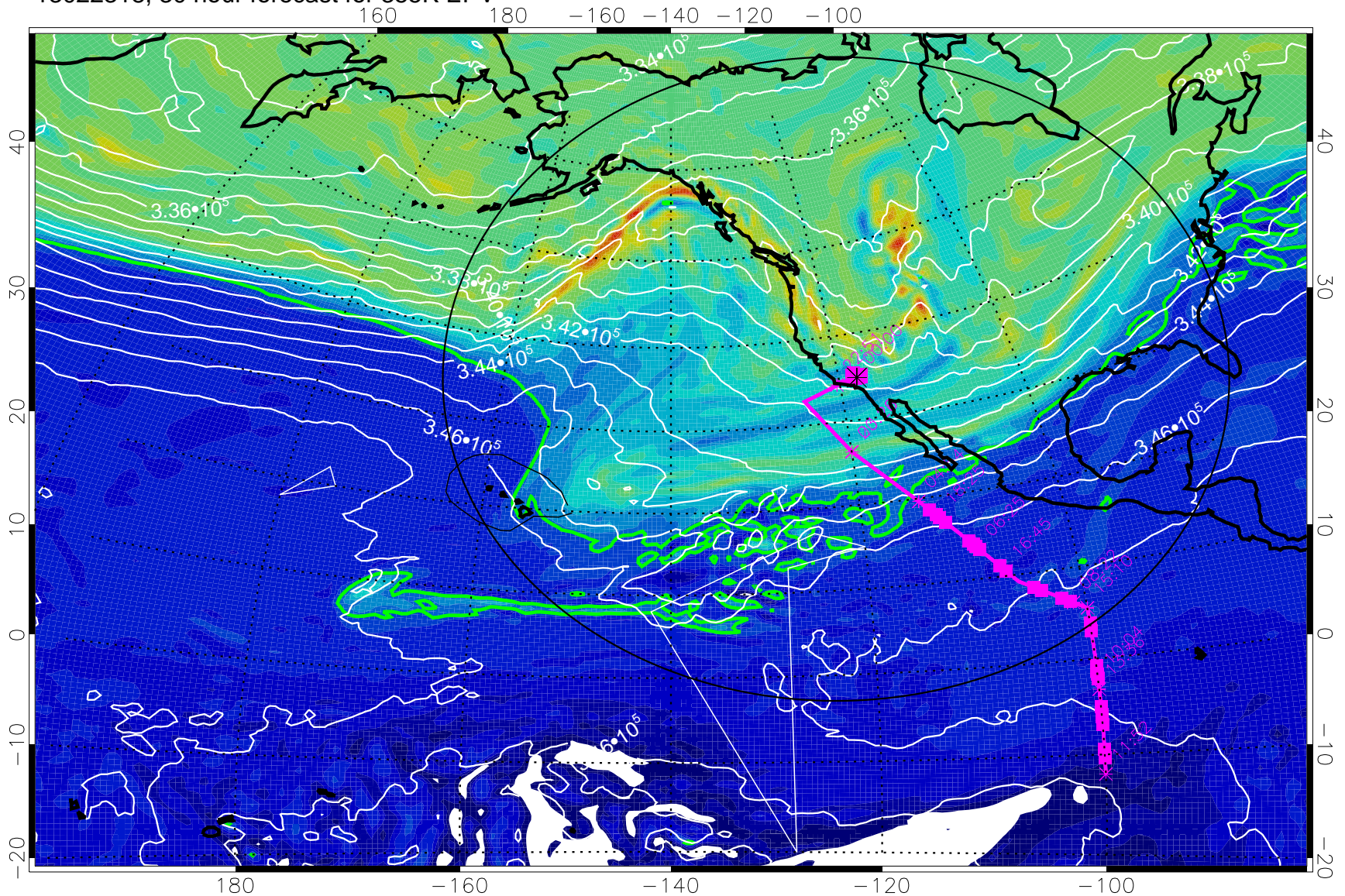
160 180 -160 -140 -120 -100



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

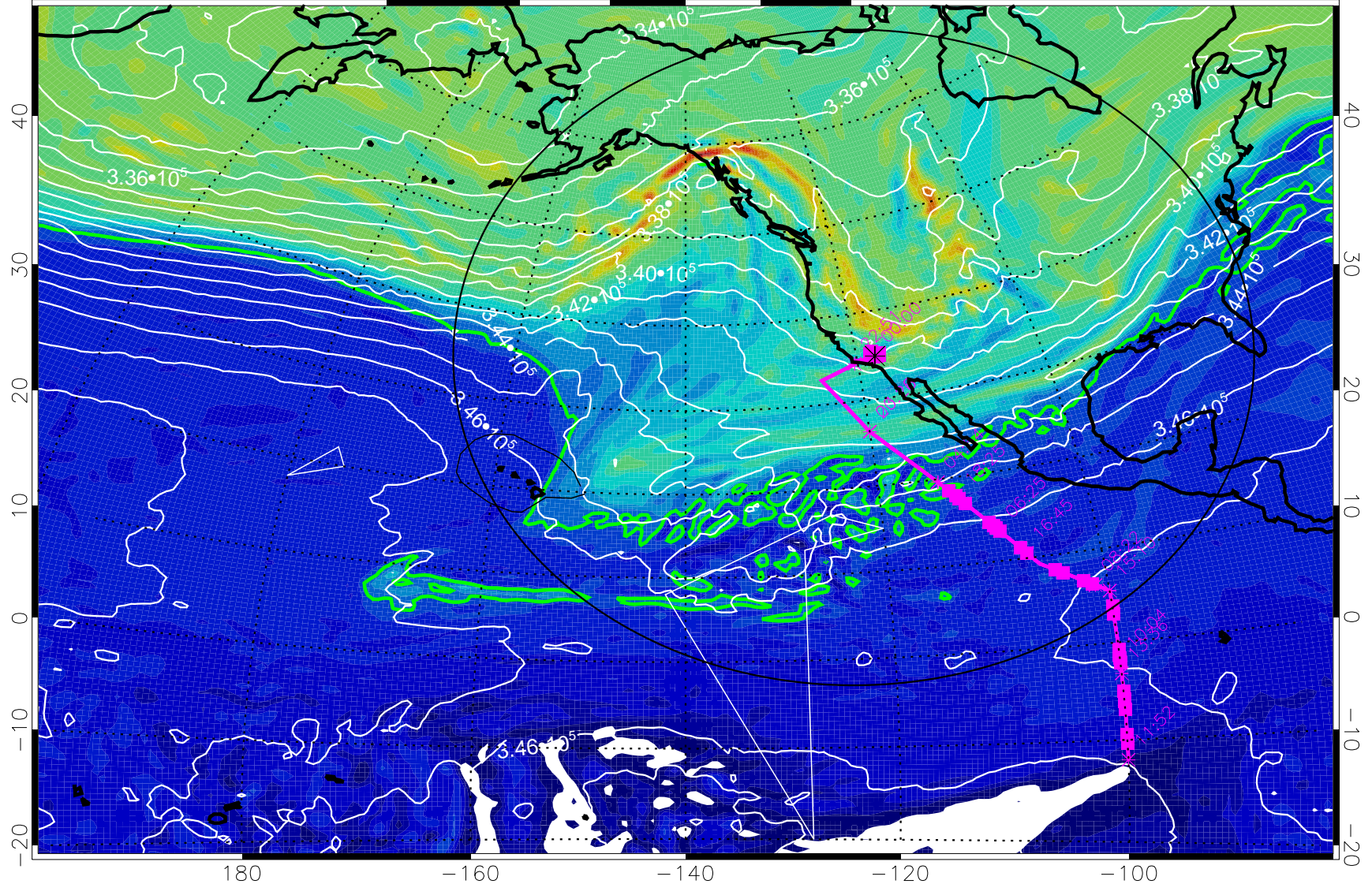
13022318, 30 hour forecast for 355K EPV



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

13022400, 36 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

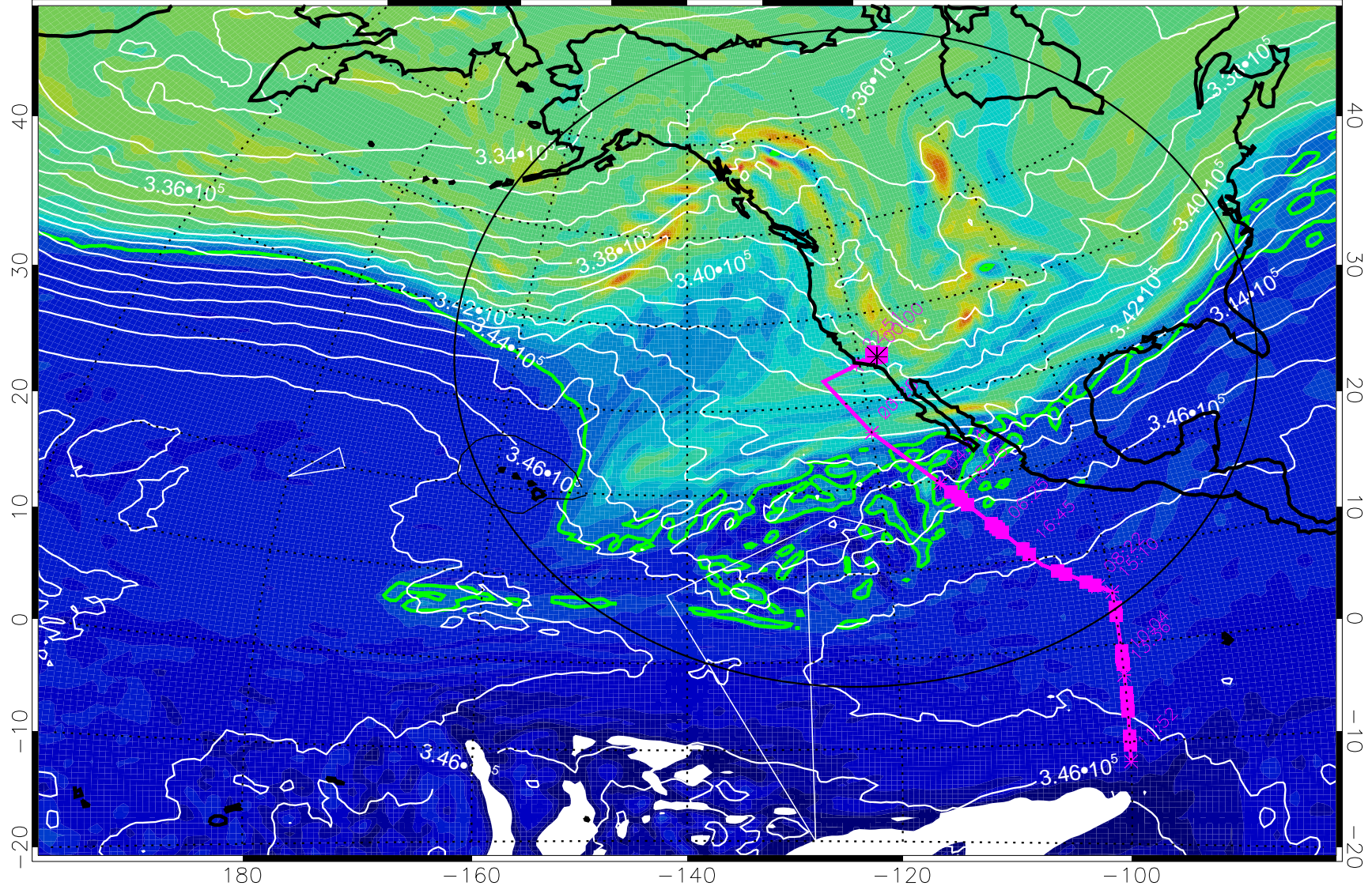


0 5.0\*10<sup>-6</sup> 1.0\*10<sup>-5</sup> 1.5\*10<sup>-5</sup>  
PVU

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

13022406, 42 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

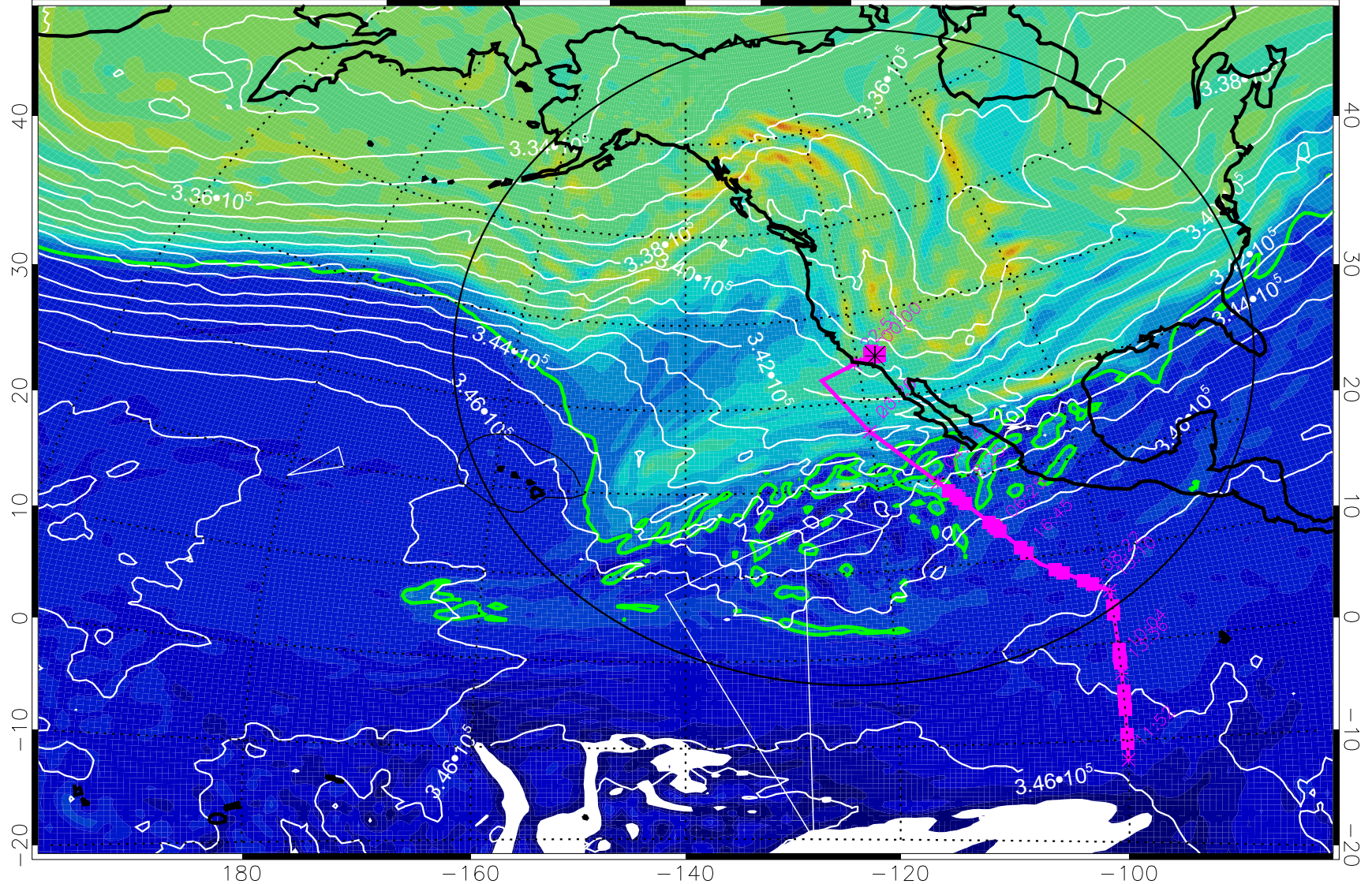


0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>  
PVU

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

13022412, 48 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



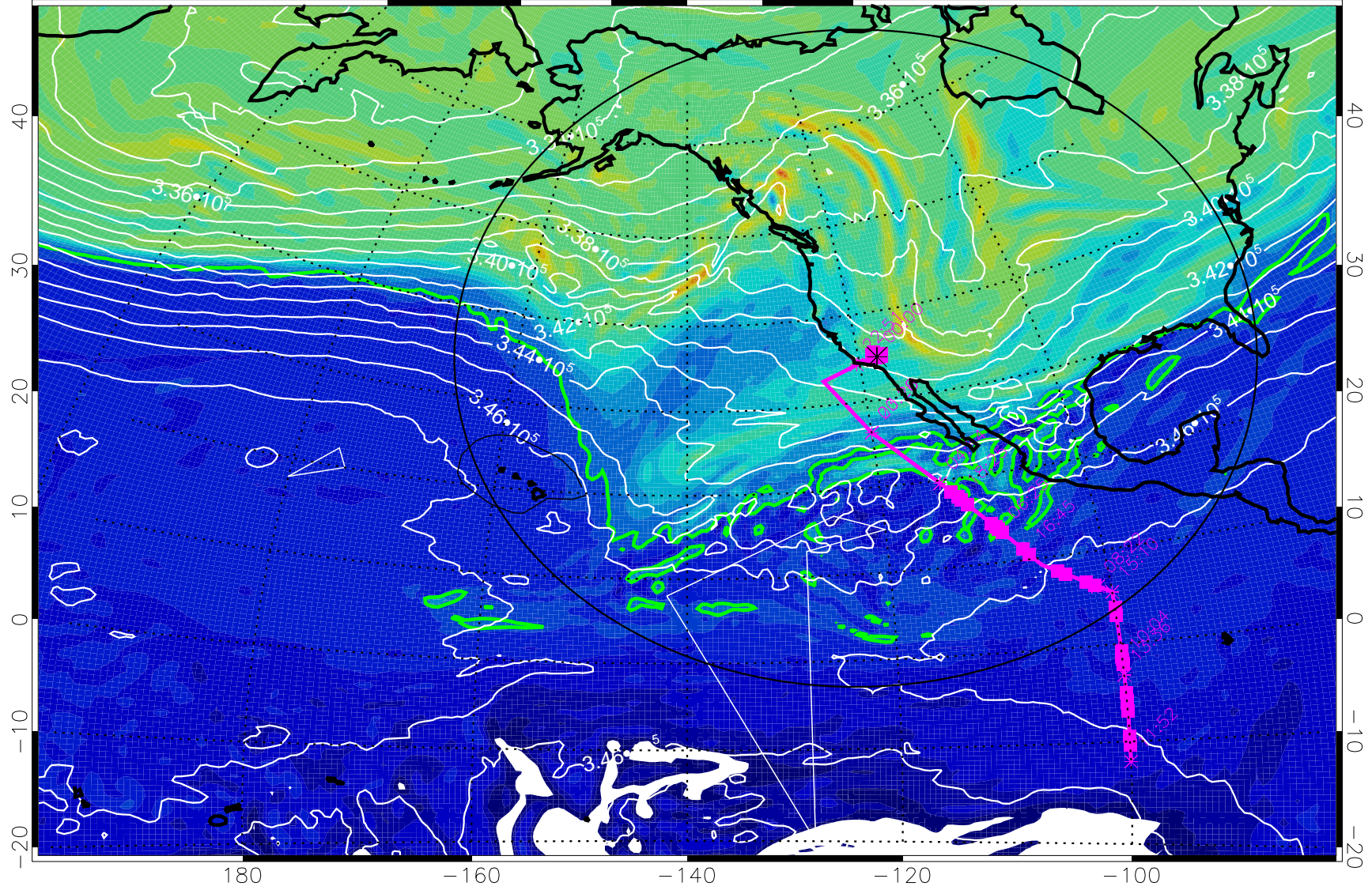
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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



13022418, 54 hour forecast for 355K EPV

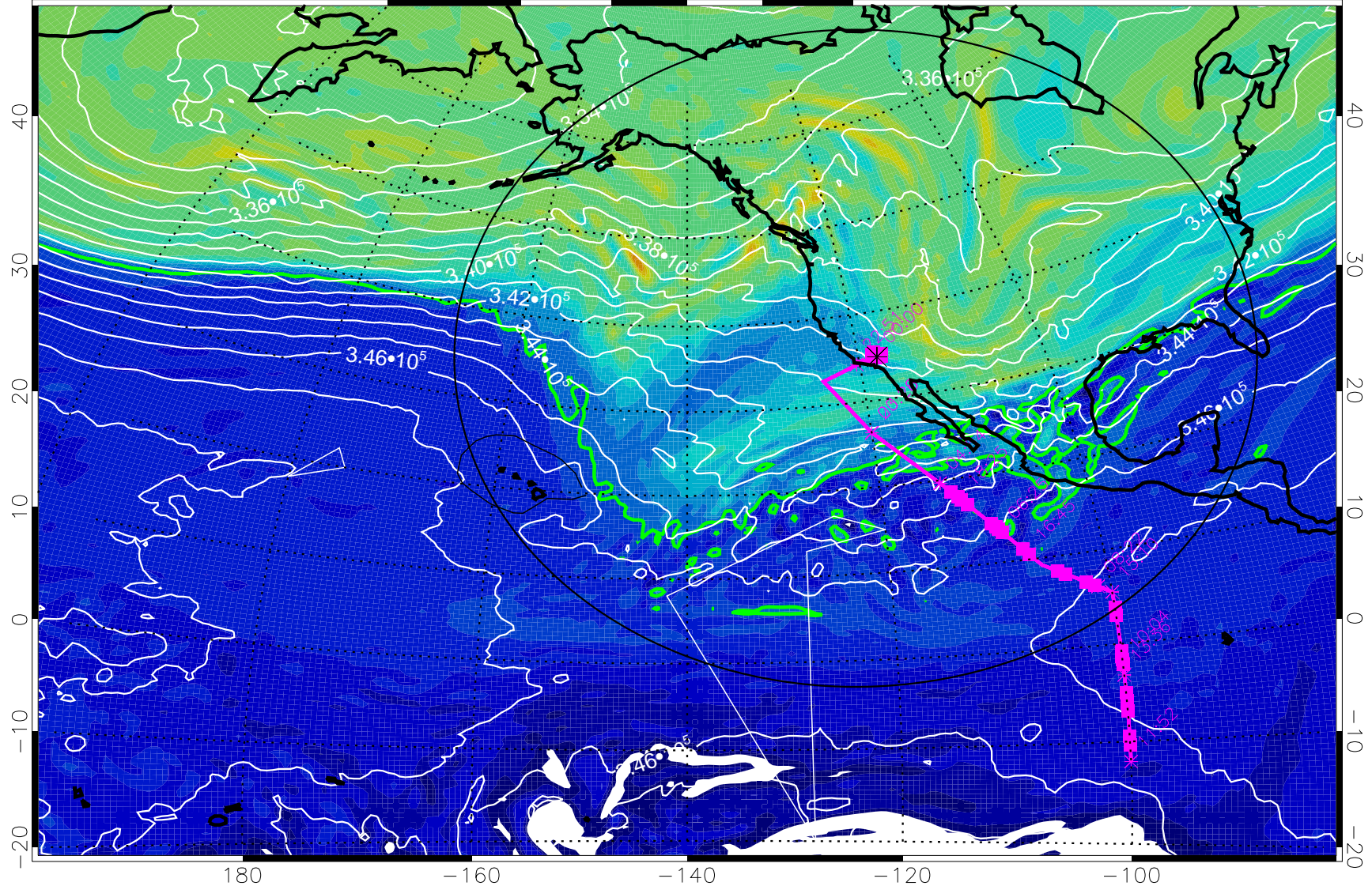
160 180 -160 -140 -120 -100



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

13022500, 60 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

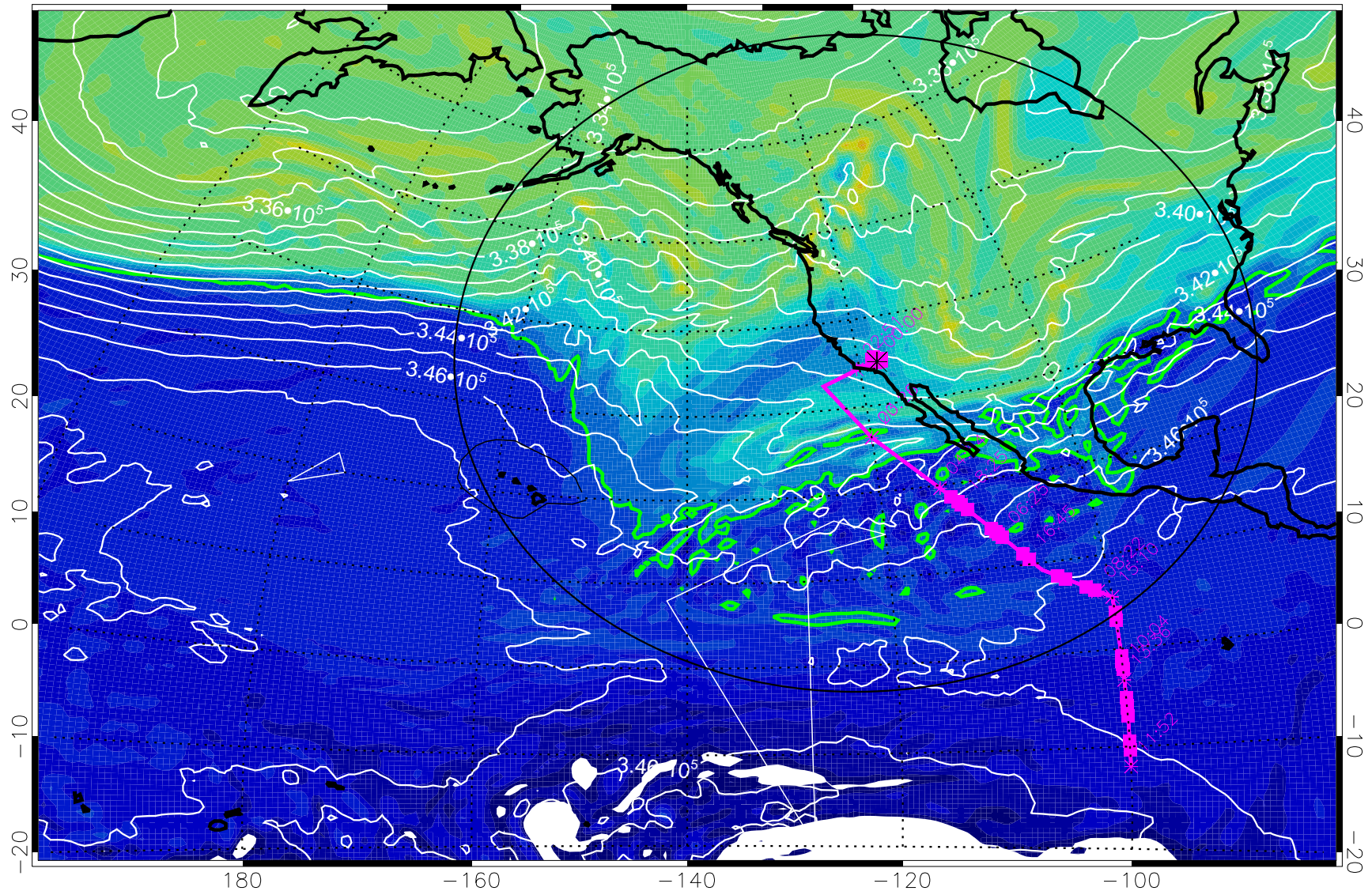


0 5.0\*10<sup>-6</sup> 1.0\*10<sup>-5</sup> 1.5\*10<sup>-5</sup>  
PVU

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

13022506, 66 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

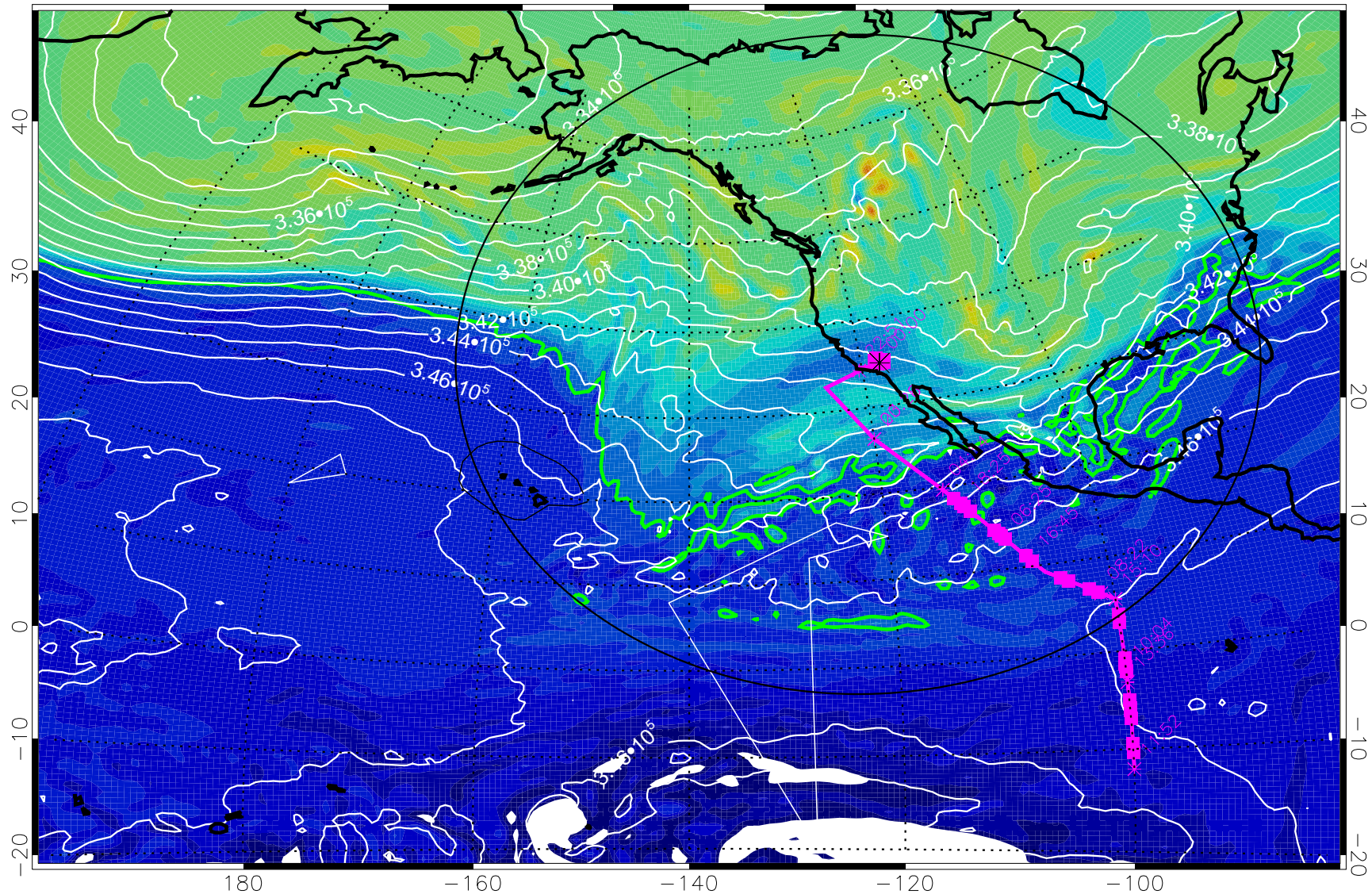


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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

13022512, 72 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

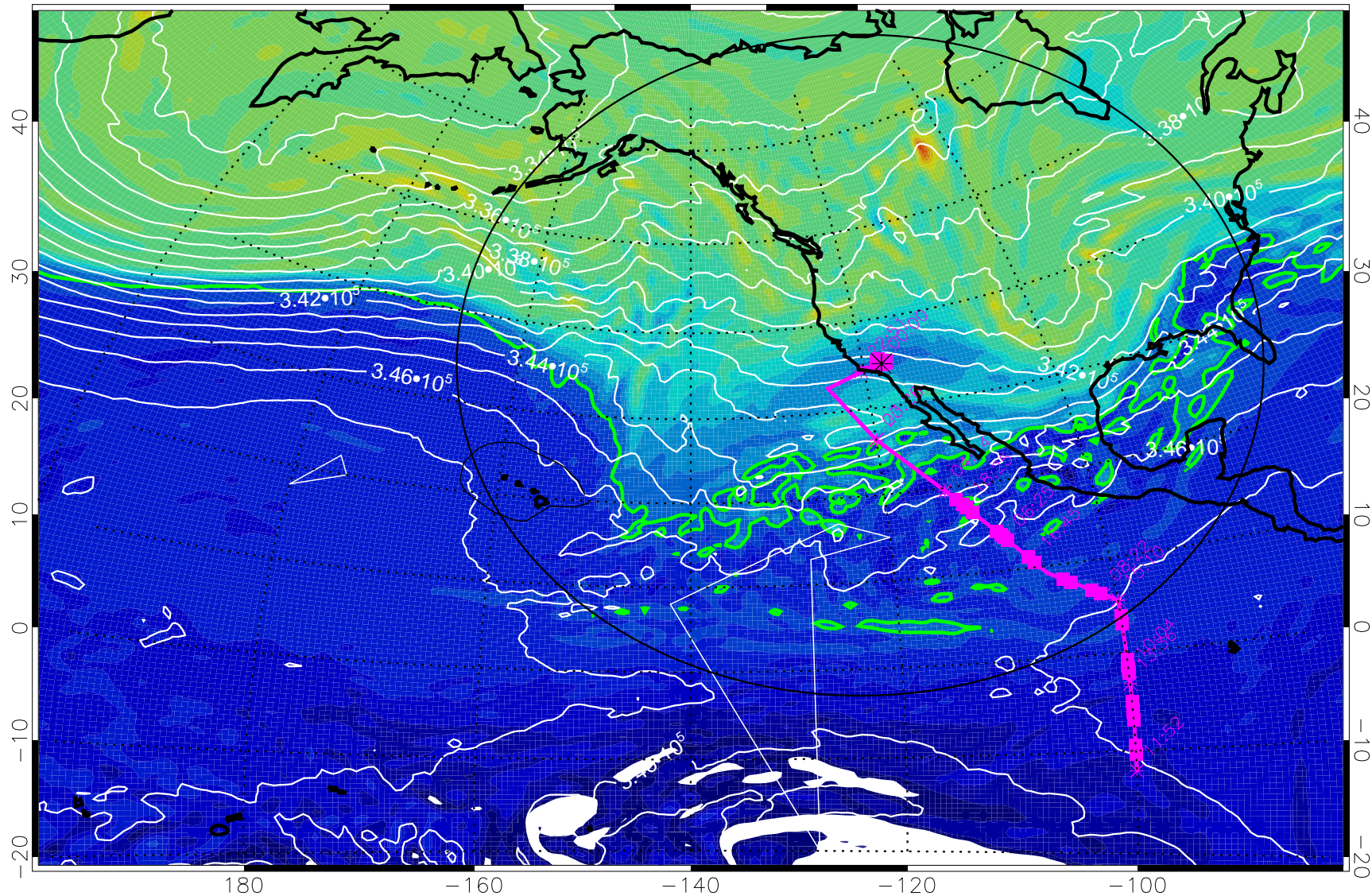


0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>  
PVU

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

13022518, 78 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

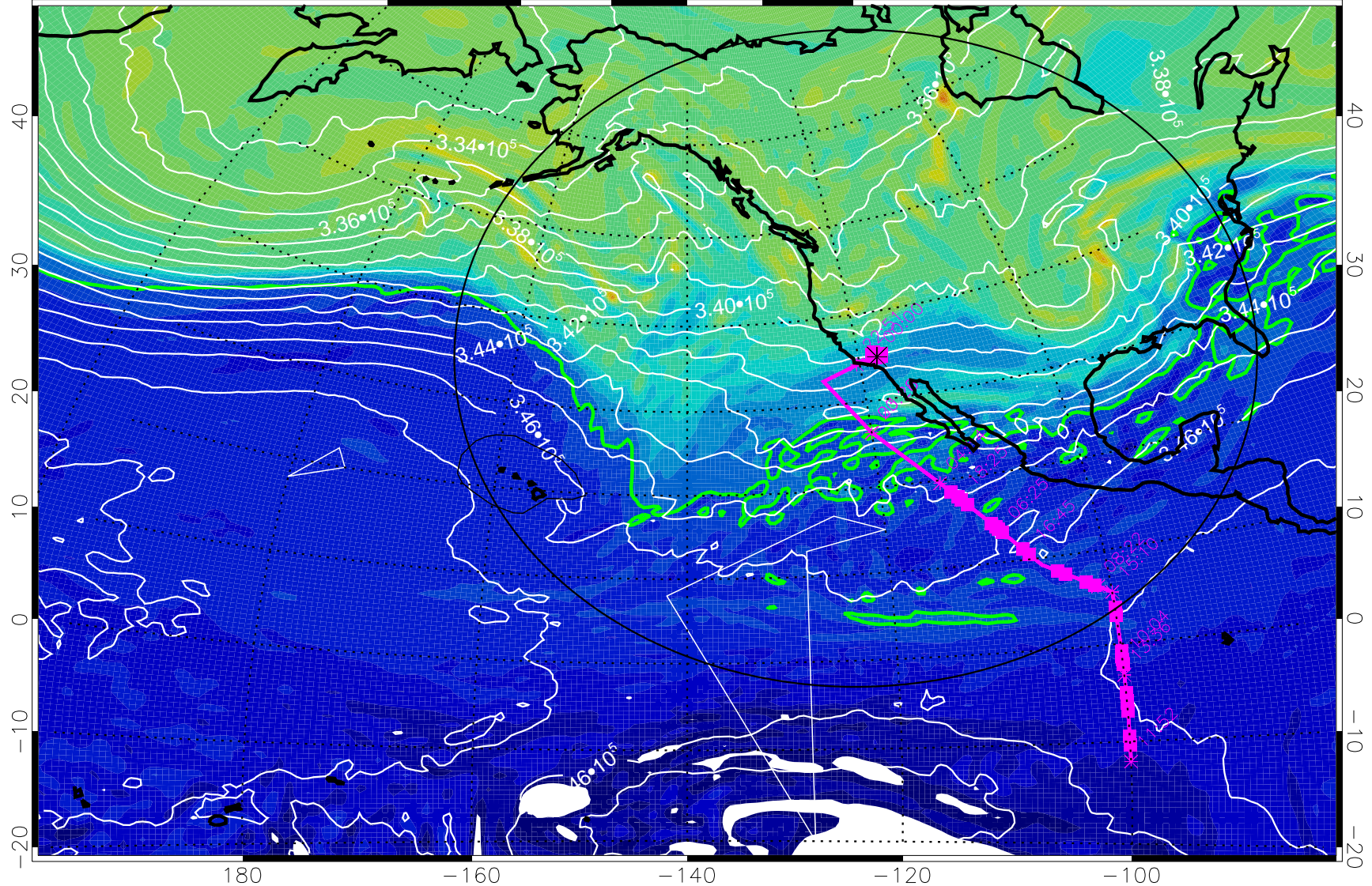


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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

13022600, 84 hour forecast for 355K EPV

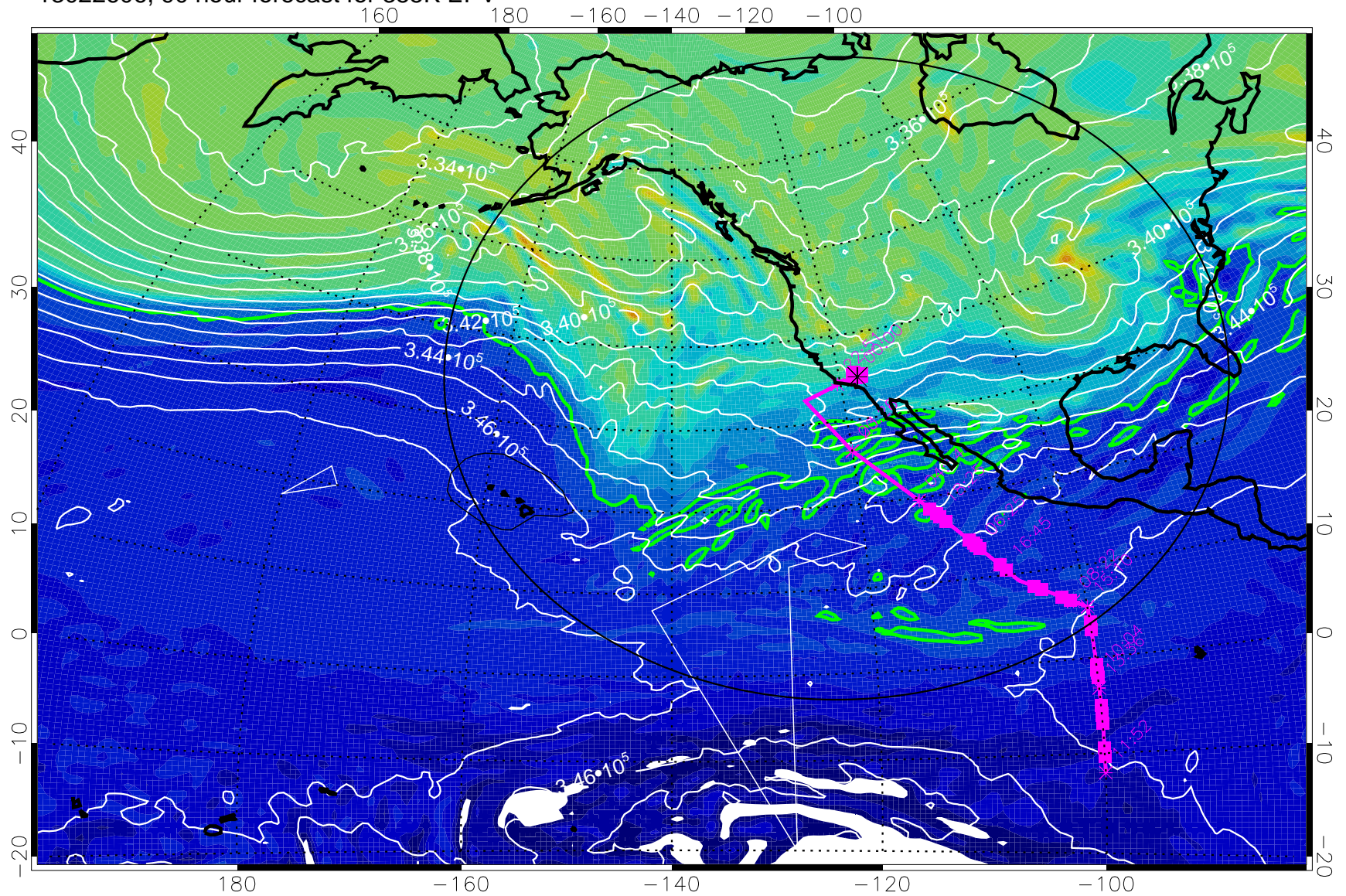
160 180 -160 -140 -120 -100



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 4055 km -- 13 hours GH round trip

13022606, 90 hour forecast for 355K EPV

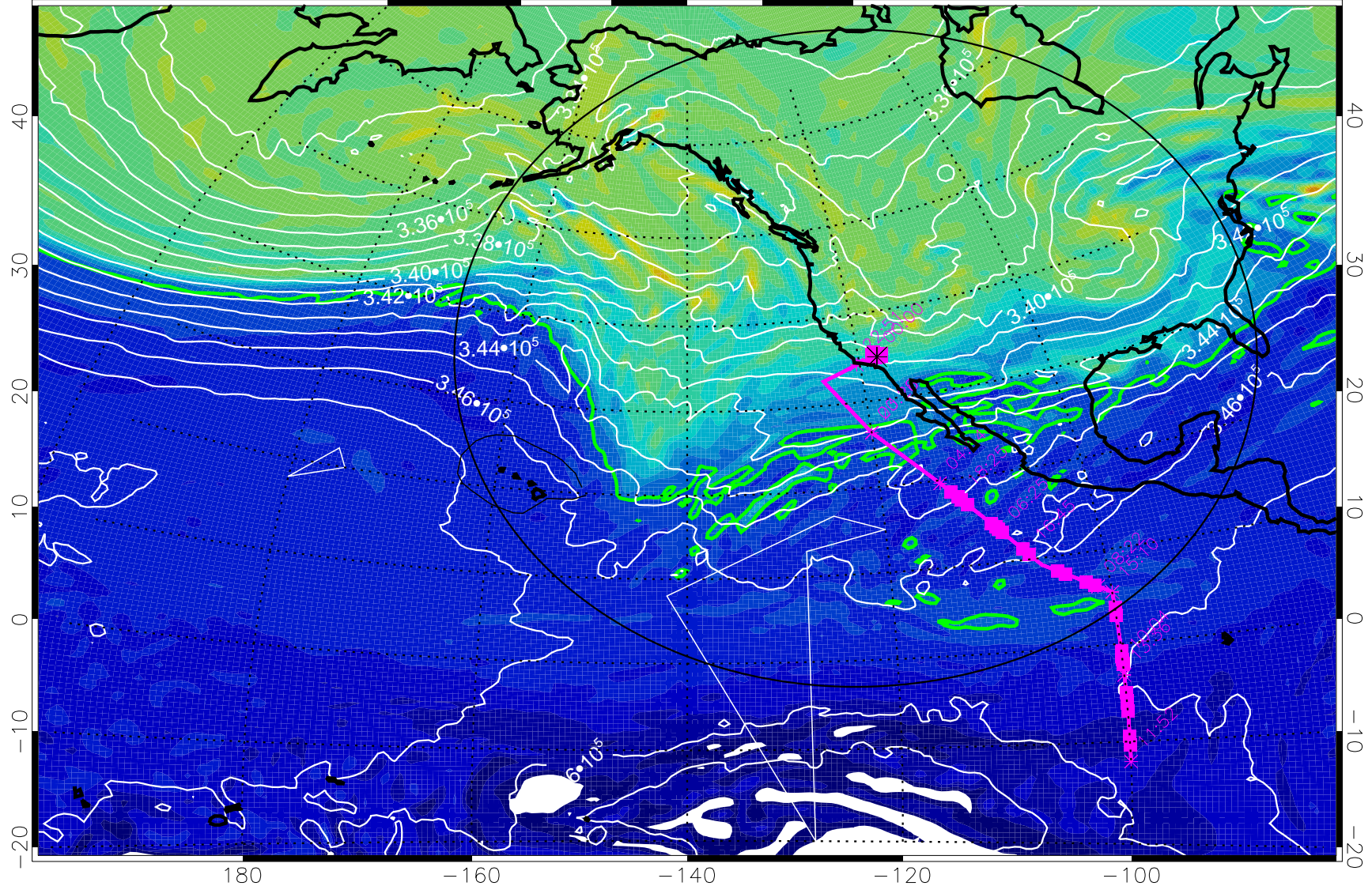


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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

13022612, 96 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



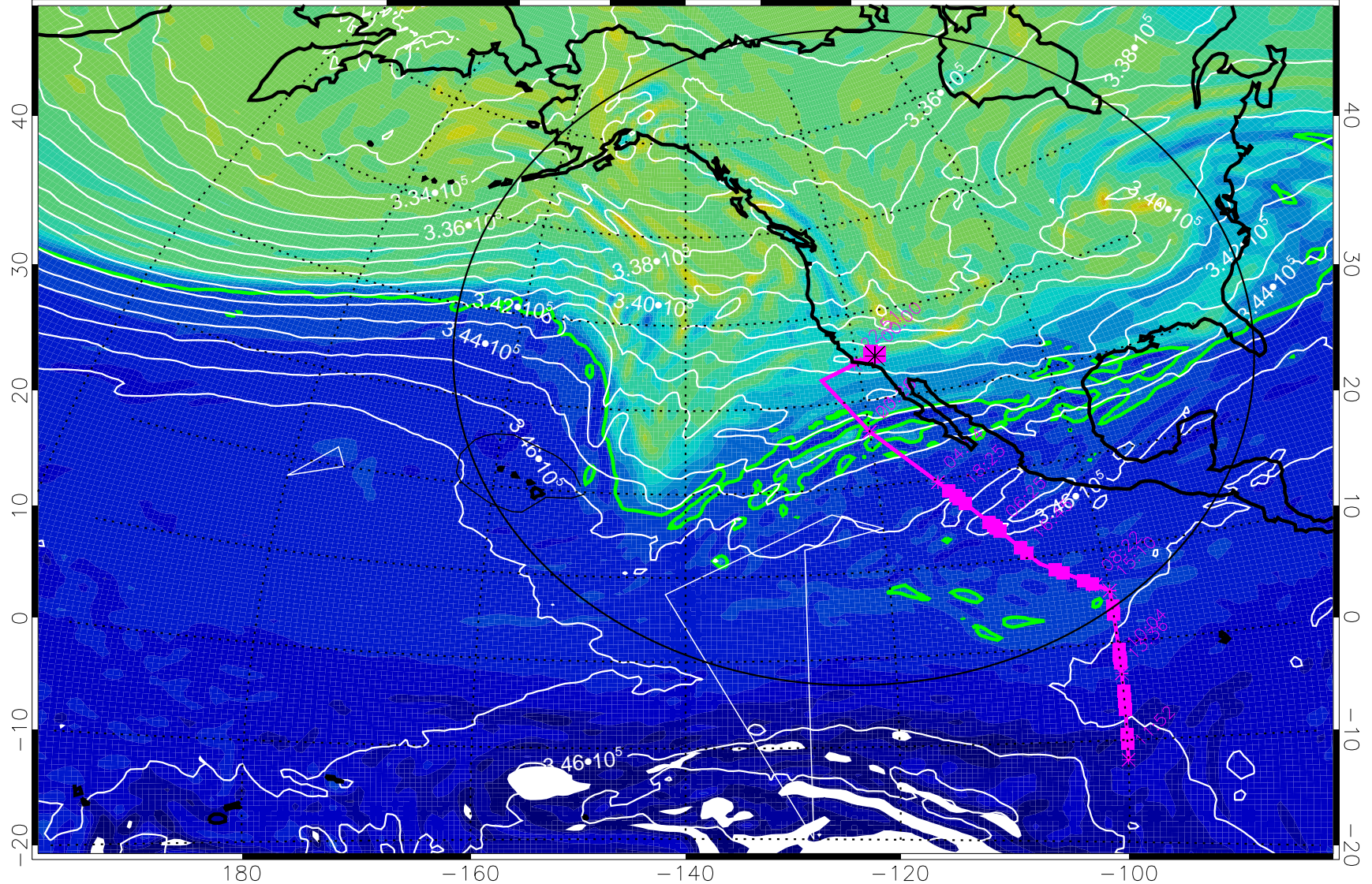
0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>  
PVU

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



13022618, 102 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

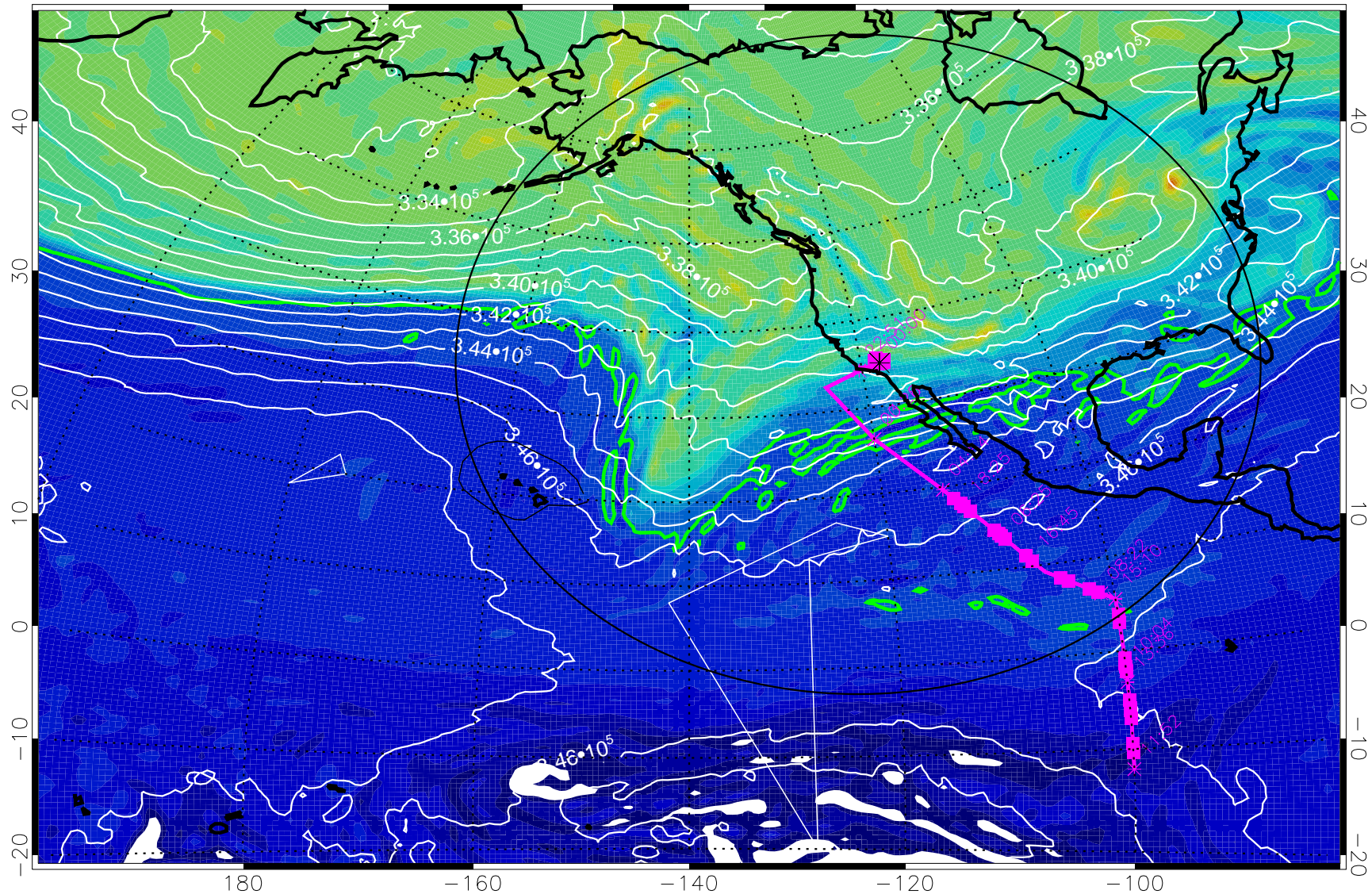


0  $5.0 \times 10^{-6}$   $1.0 \times 10^{-5}$   $1.5 \times 10^{-5}$   
PVU

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

13022700, 108 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

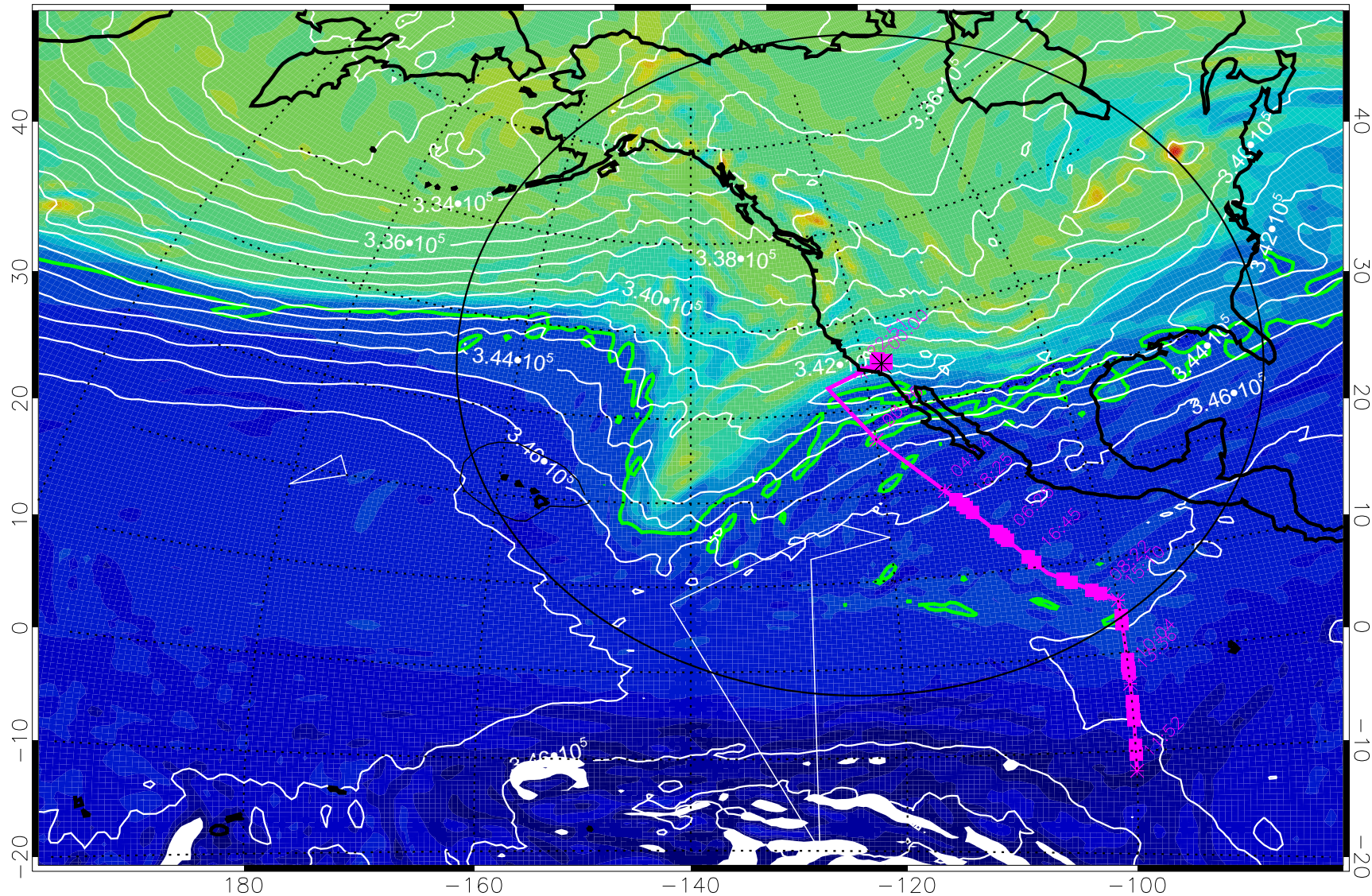


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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

13022706, 114 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

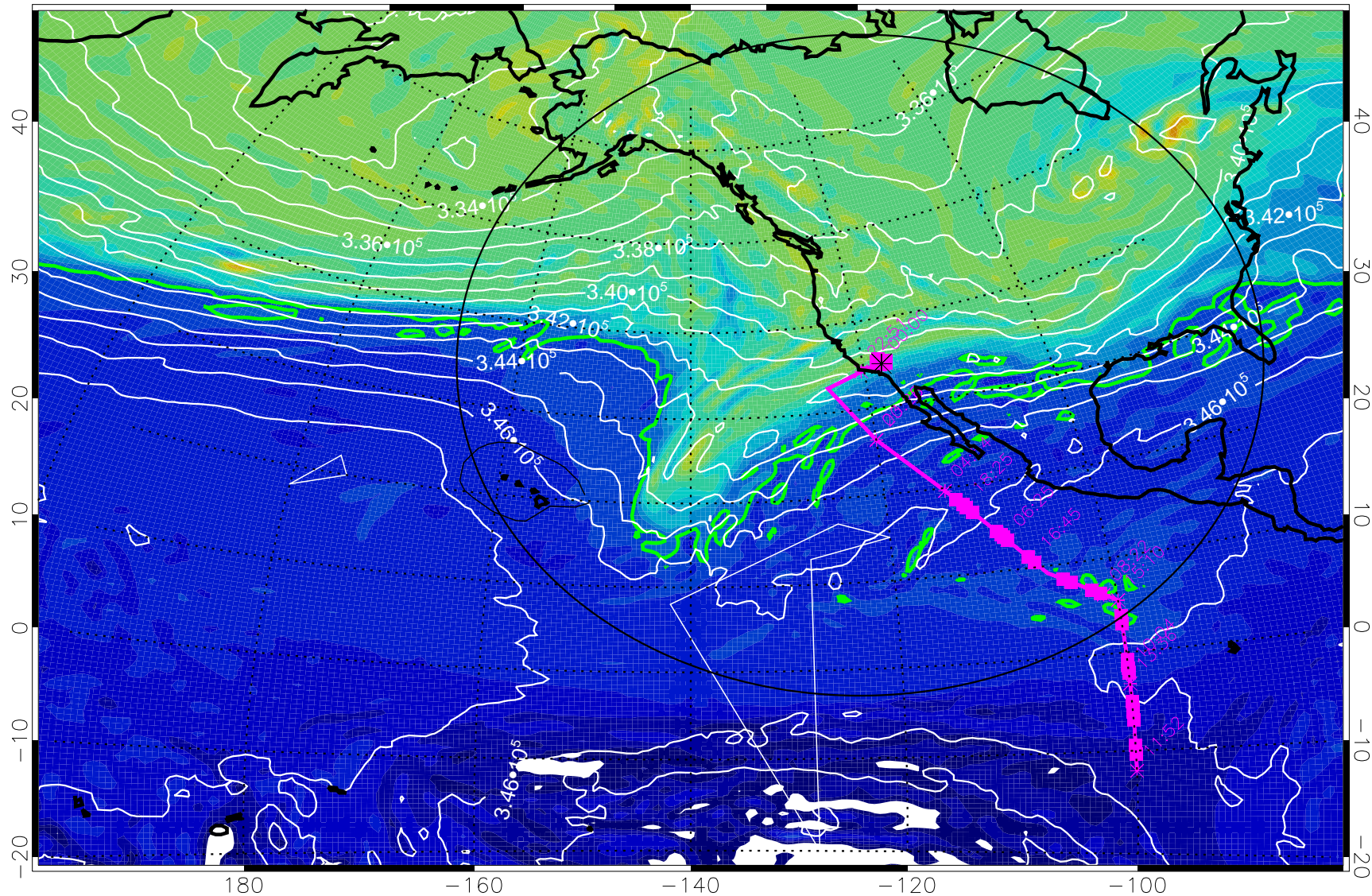


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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

13022712, 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