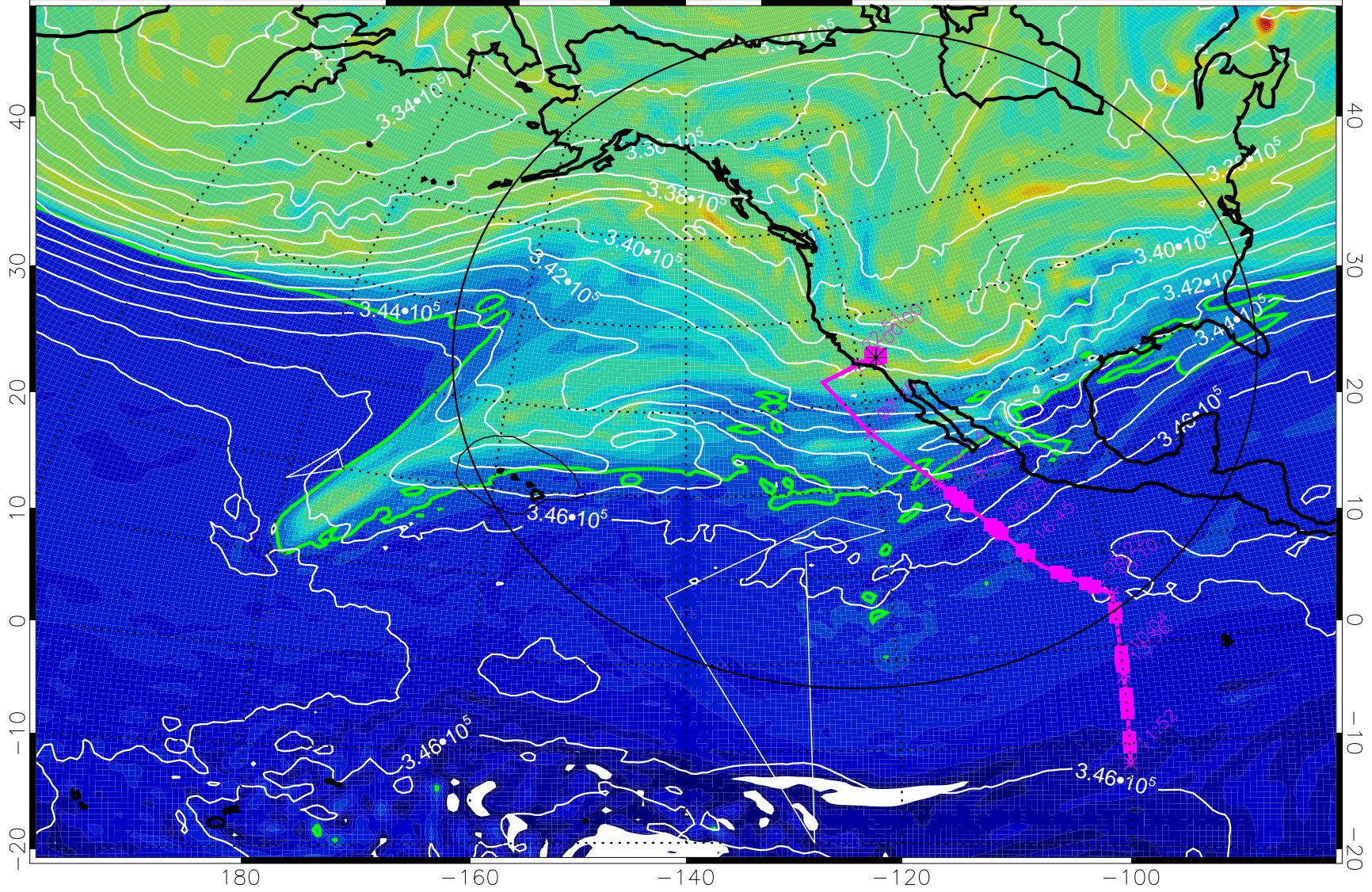


13022112, 12 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

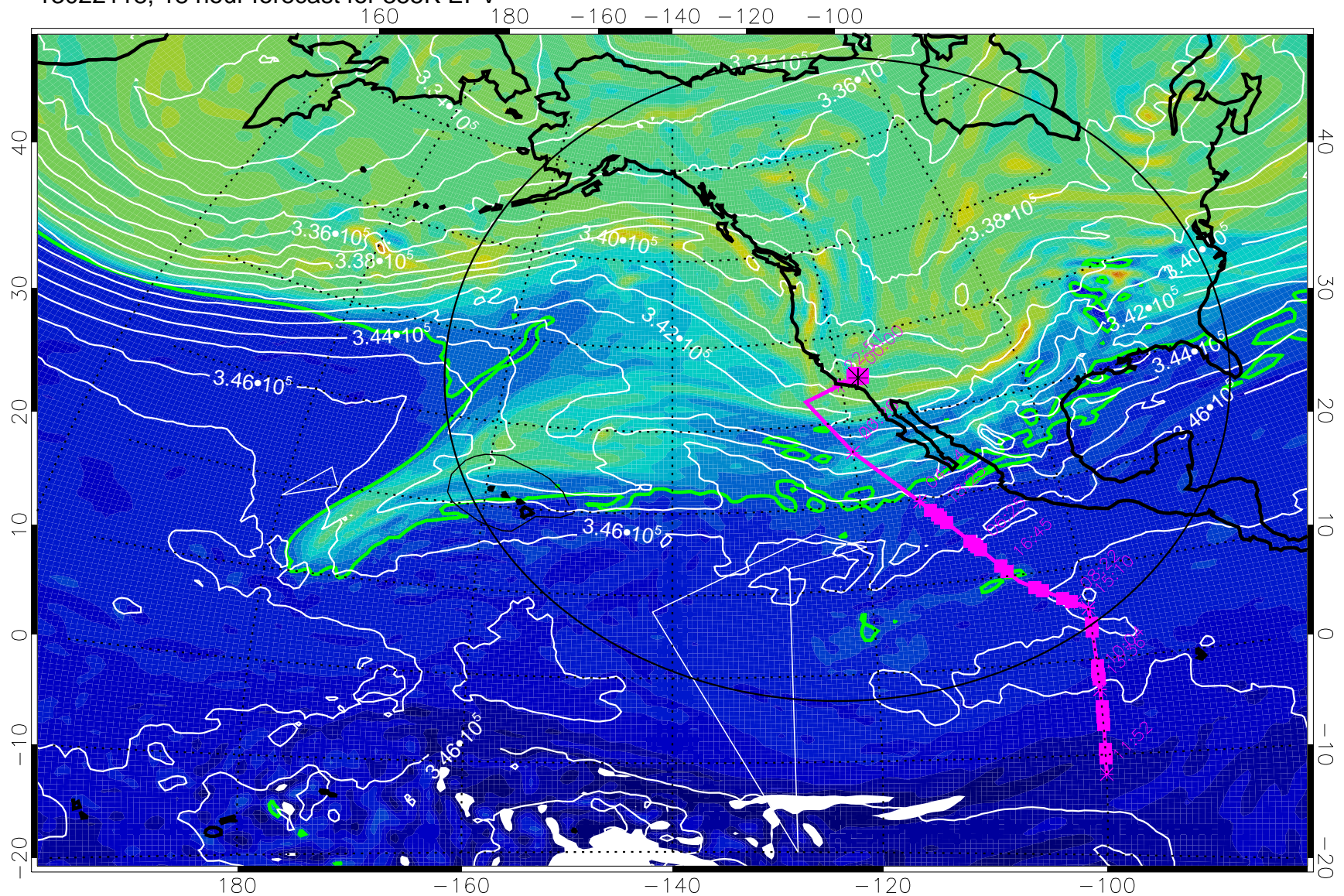


0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>  
PVU

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



13022118, 18 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

Missing Data for 13022200, 24 hour forecast

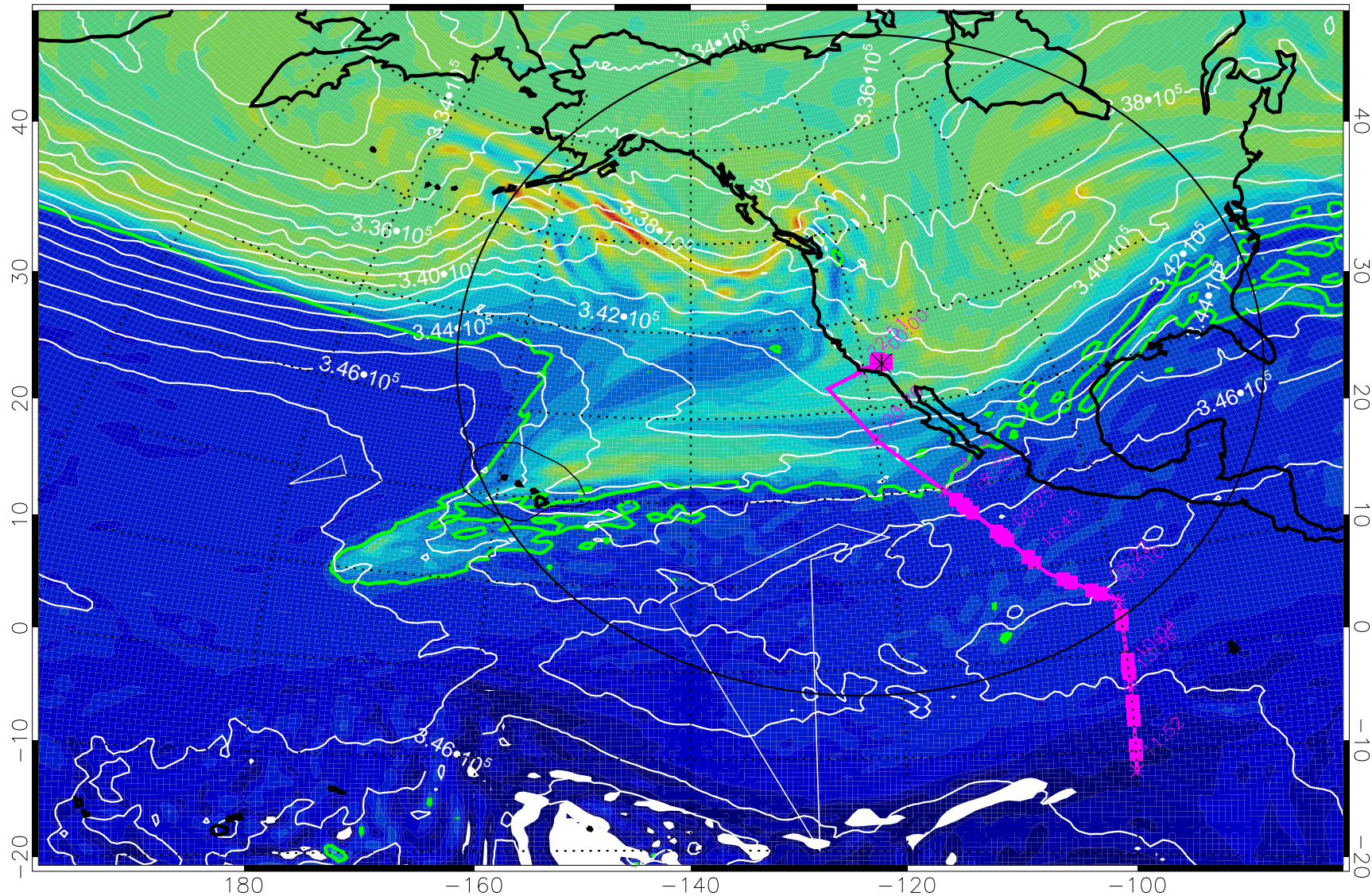
Missing Data for 13022206, 30 hour forecast



Missing Data for 13022212, 36 hour forecast

13022218, 42 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



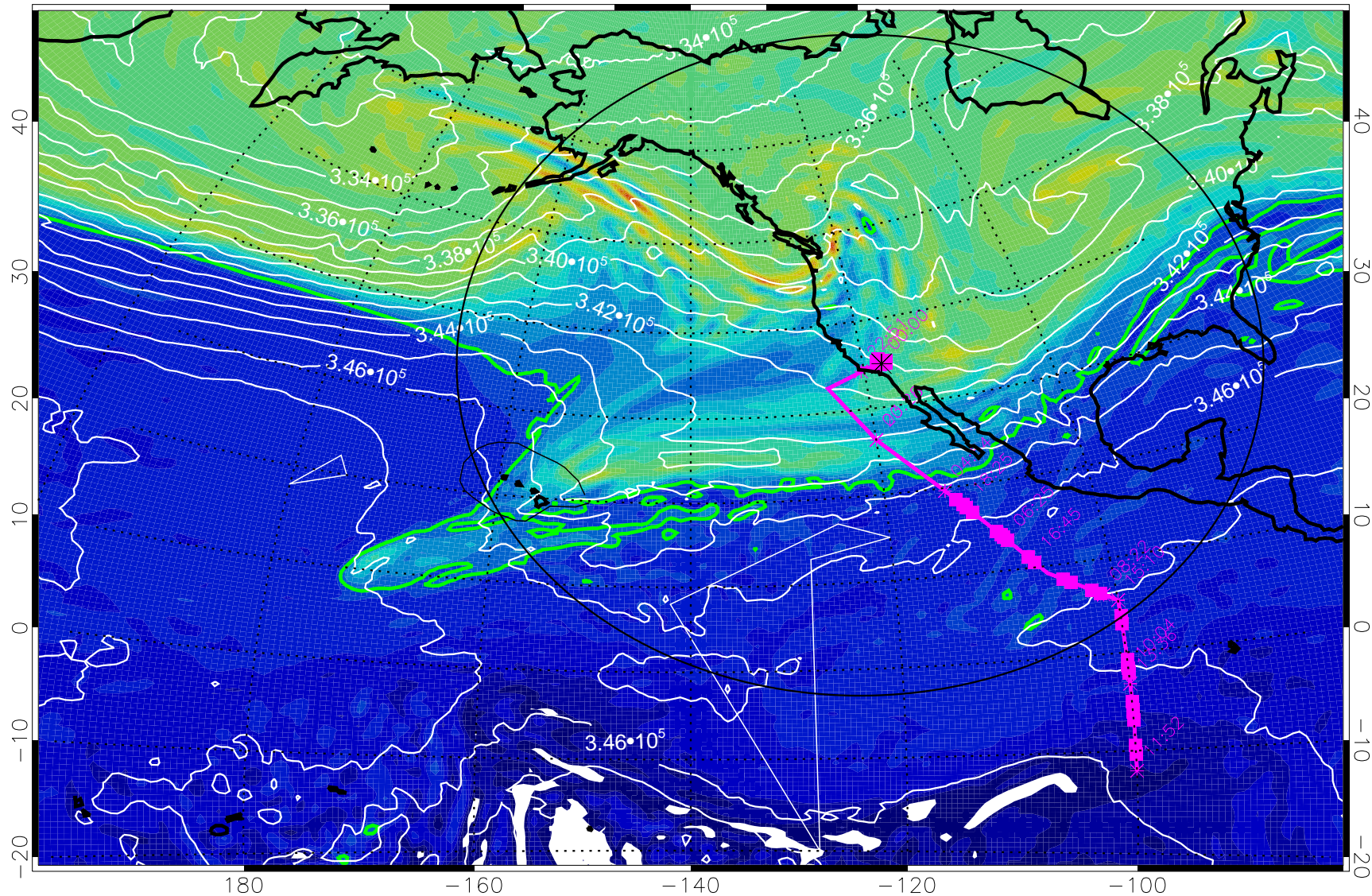
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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



13022300, 48 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

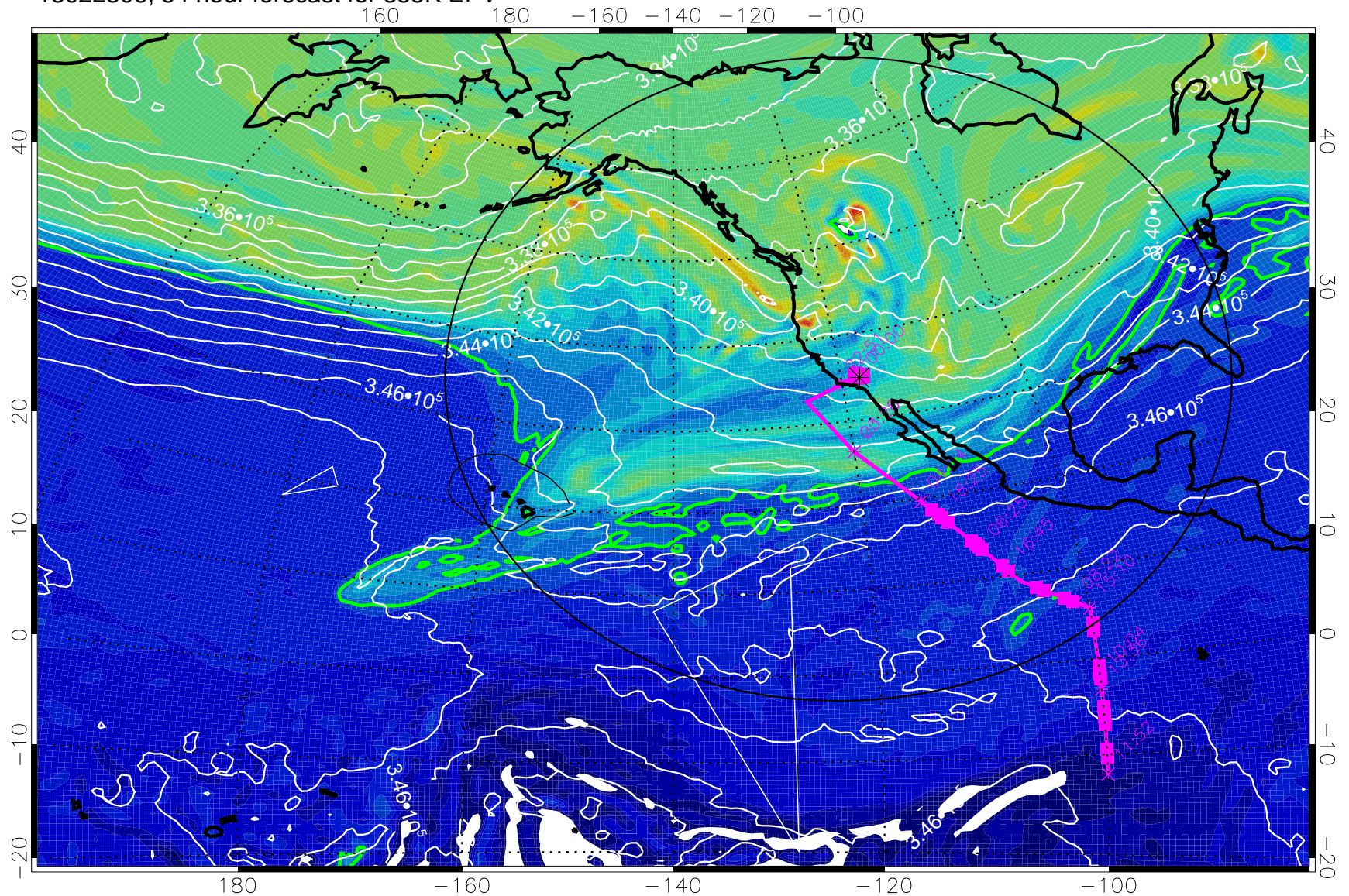


0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>  
PVU

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



13022306, 54 hour forecast for 355K EPV

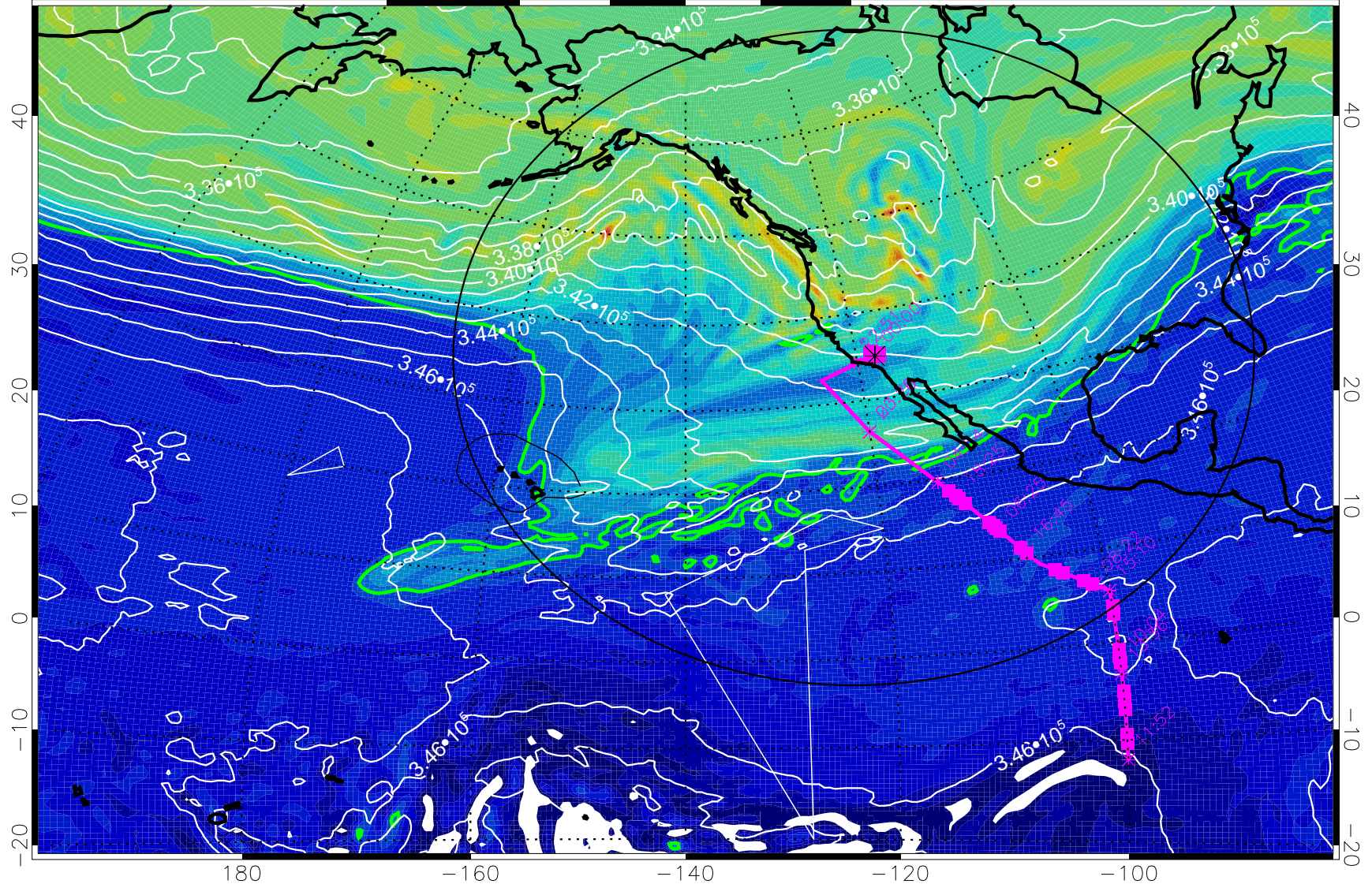


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13022312, 60 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

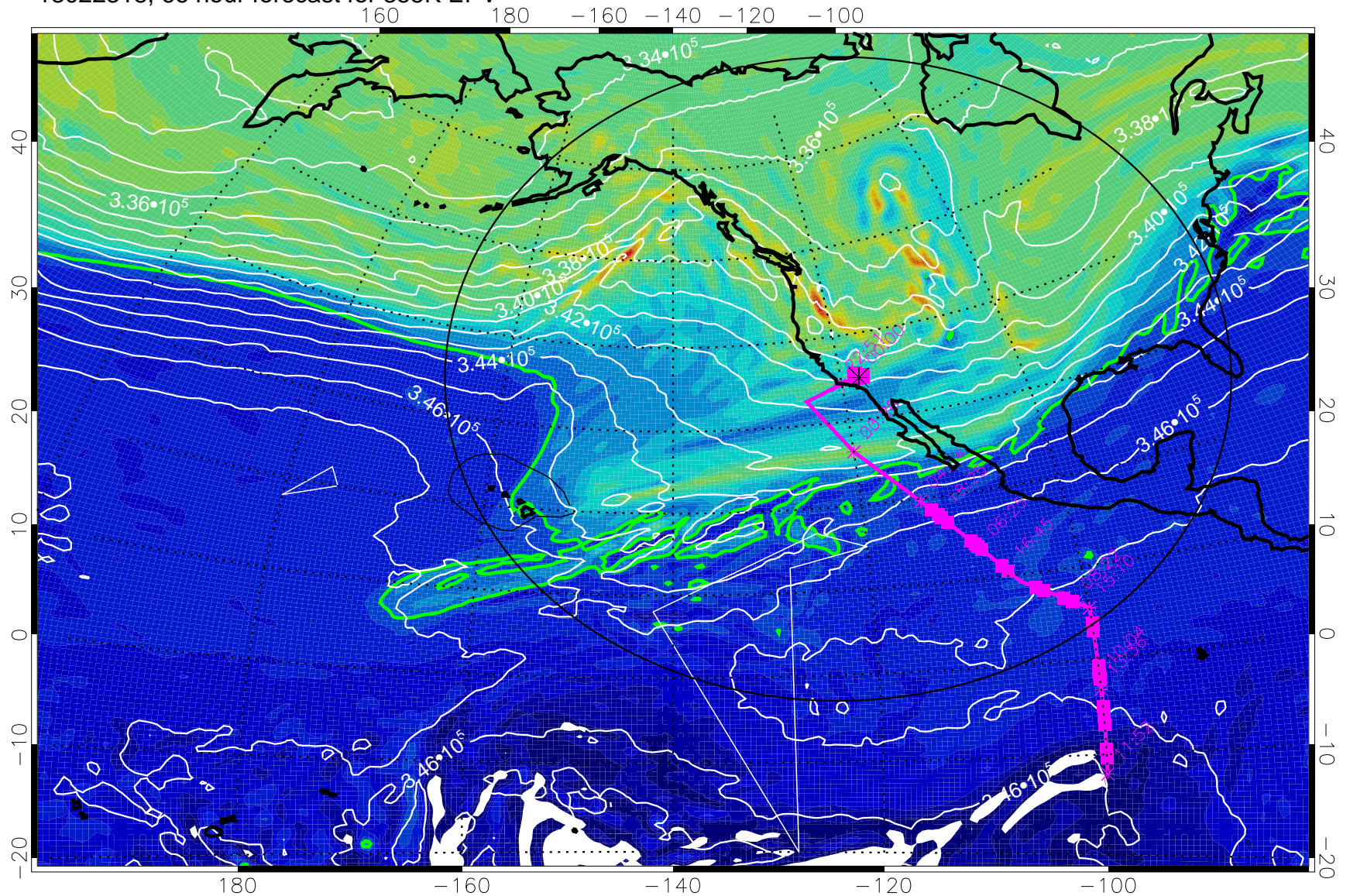


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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



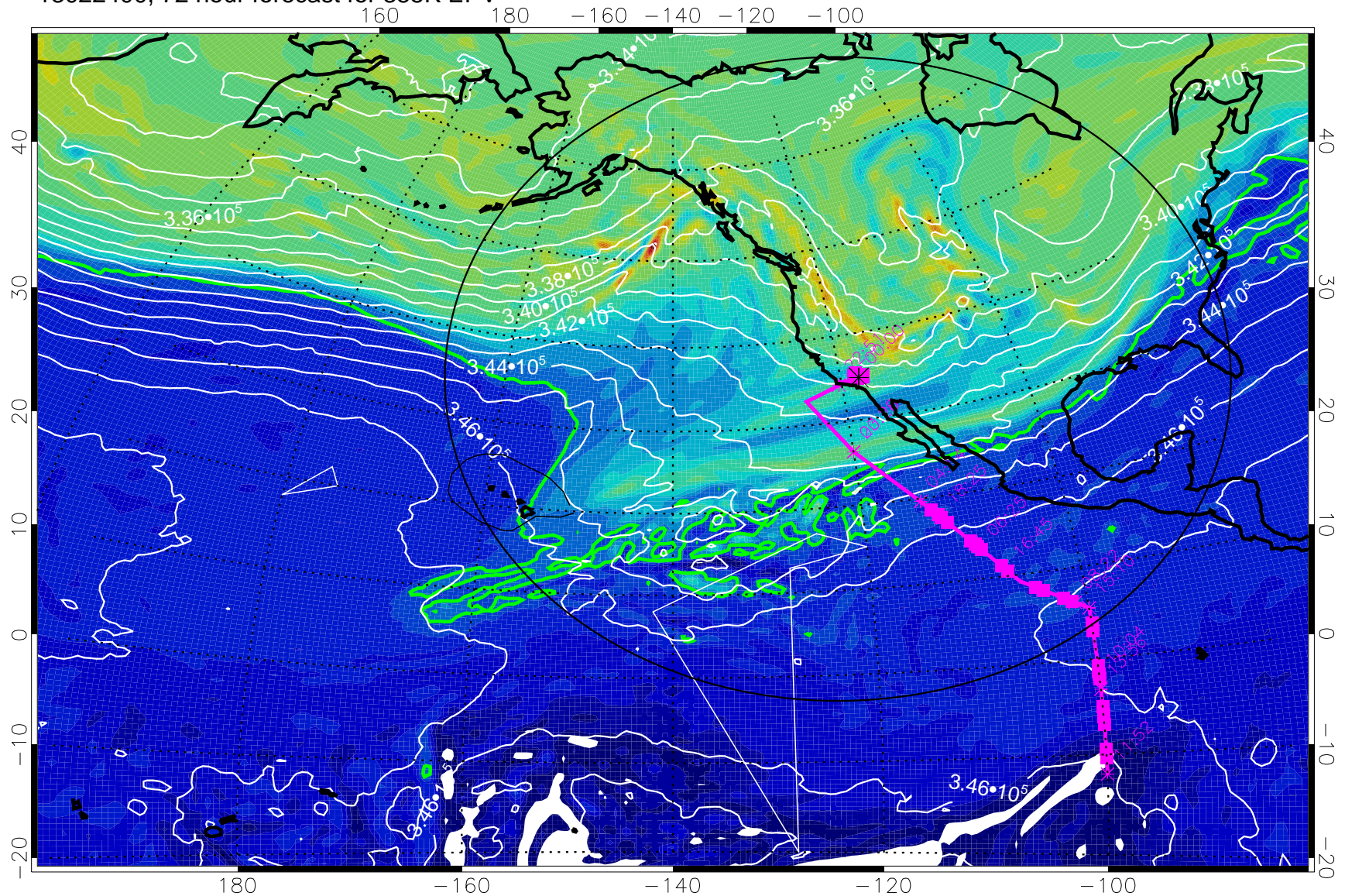
13022318, 66 hour forecast for 355K EPV



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



13022400, 72 hour forecast for 355K EPV

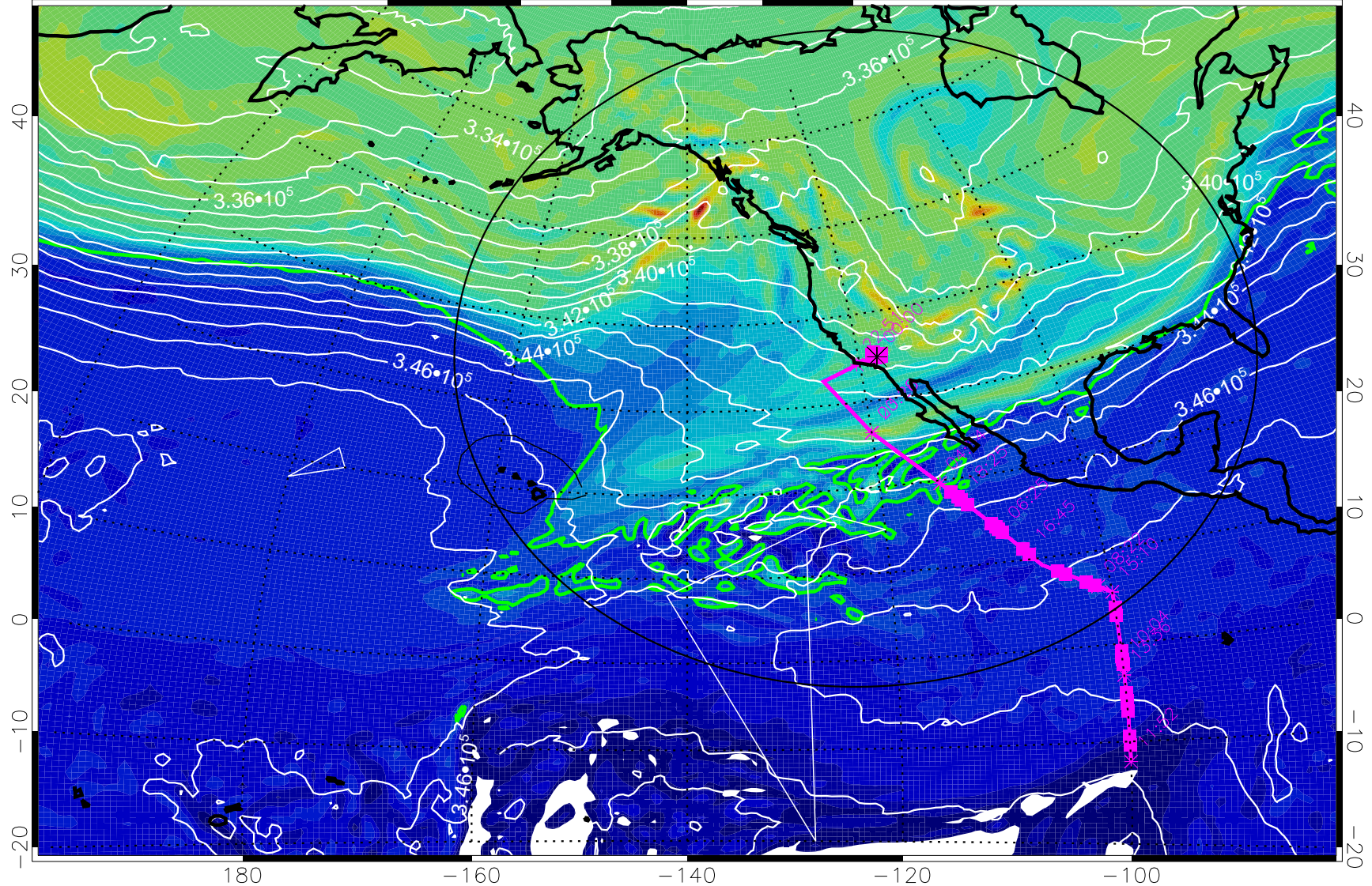


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13022406, 78 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

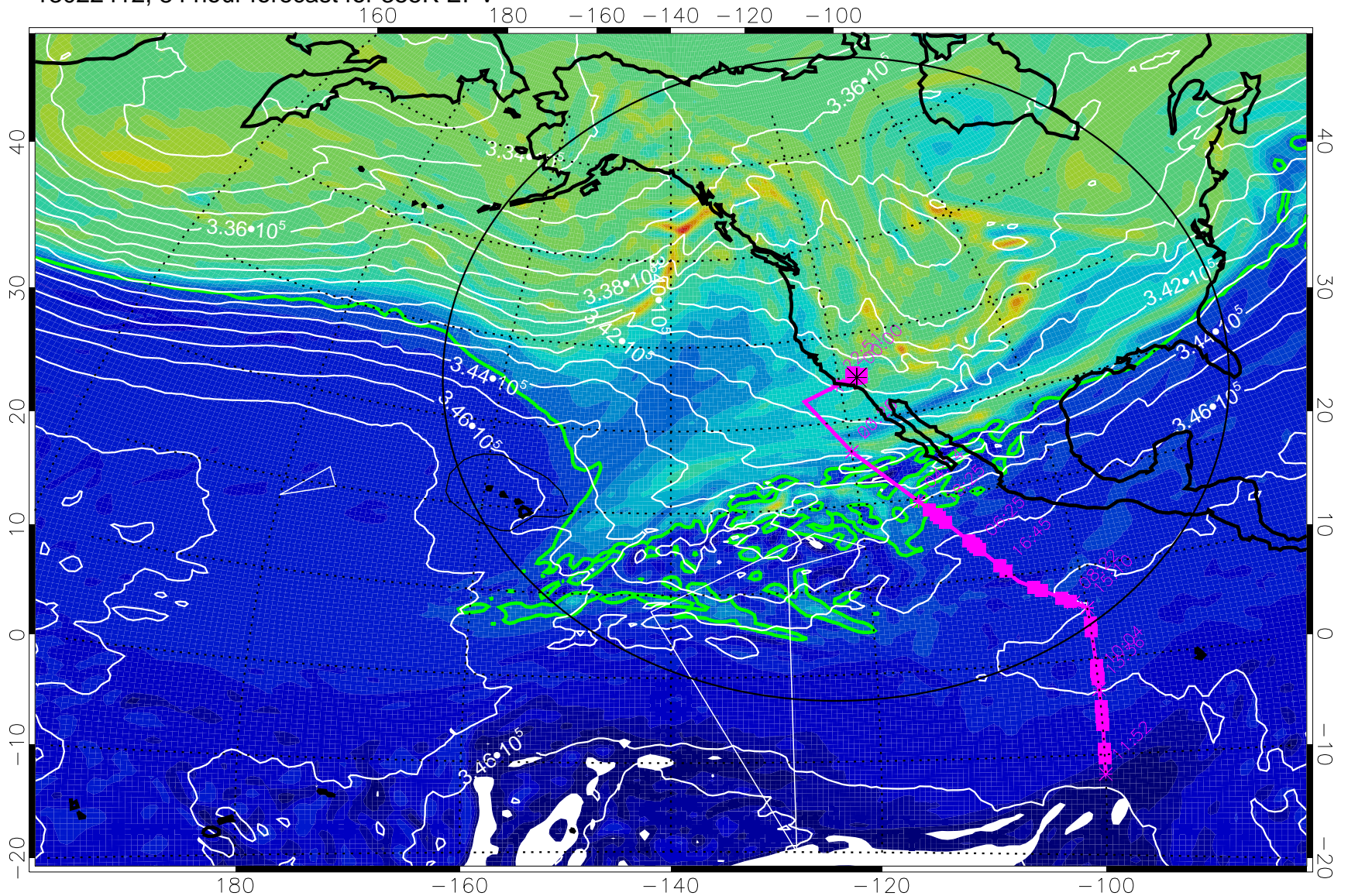


0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>  
PVU

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



13022412, 84 hour forecast for 355K EPV

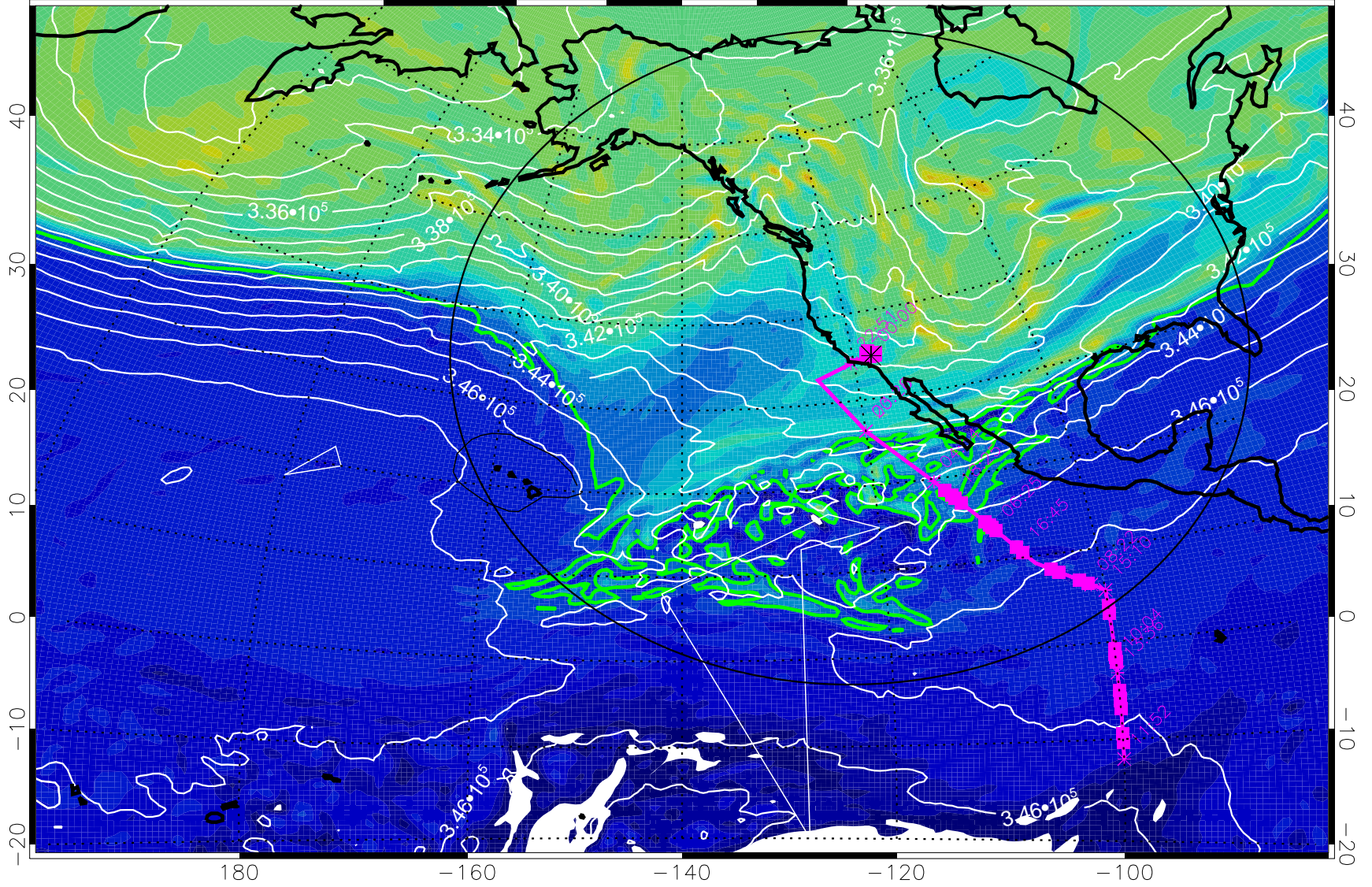


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13022418, 90 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



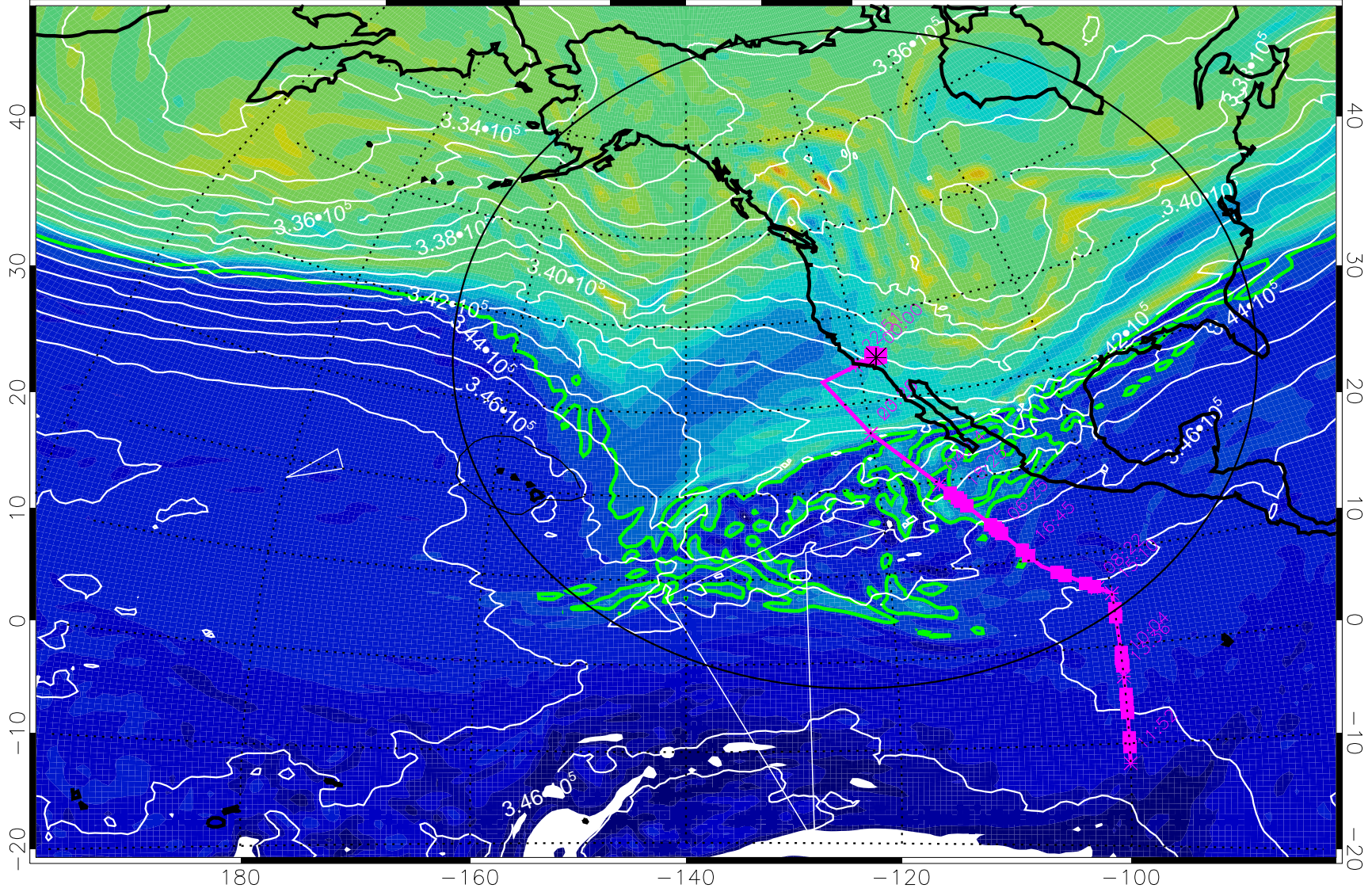
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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



13022500, 96 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



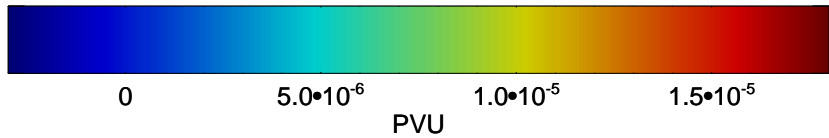
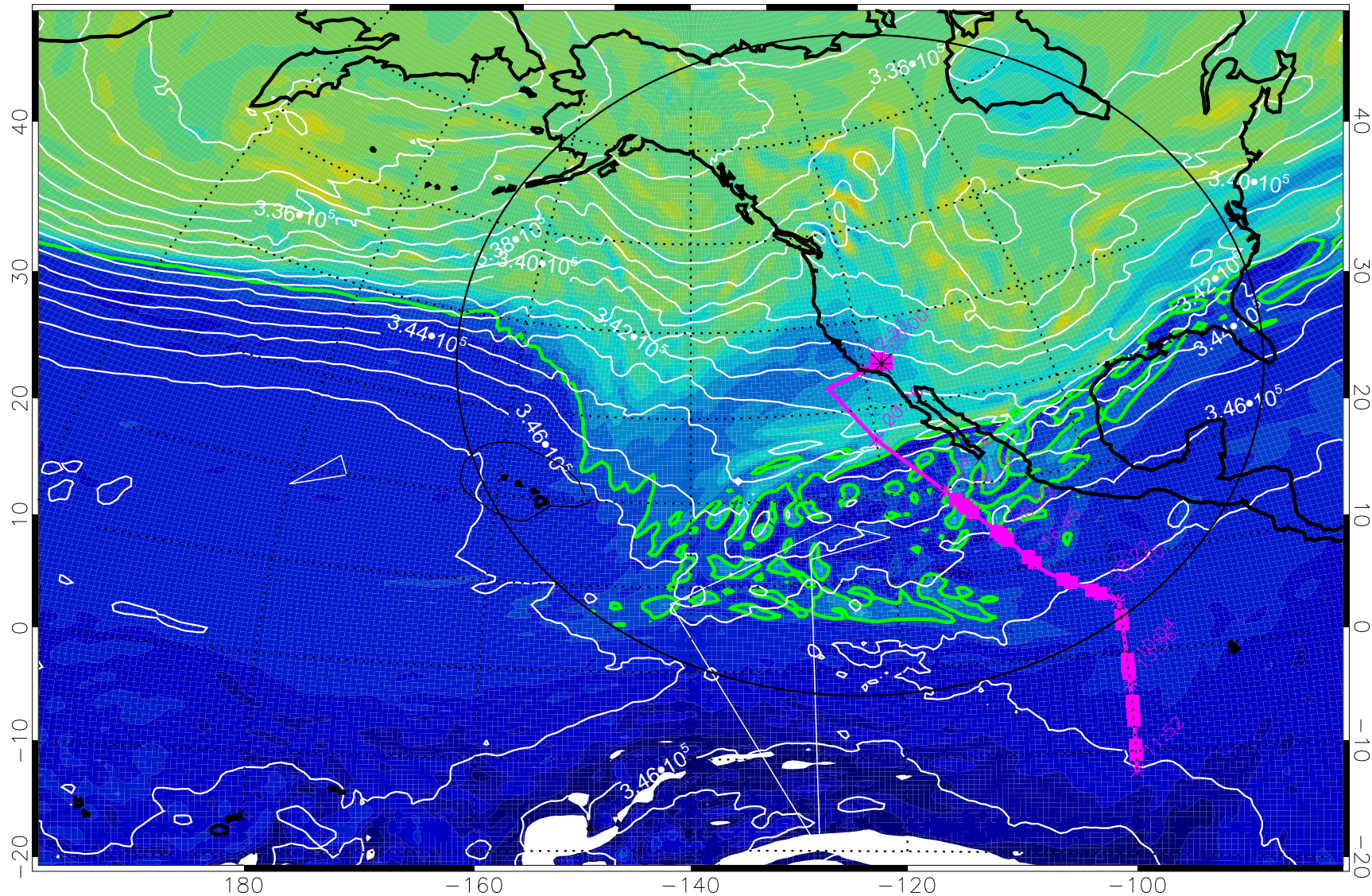
0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>  
PVU

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



13022506, 102 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

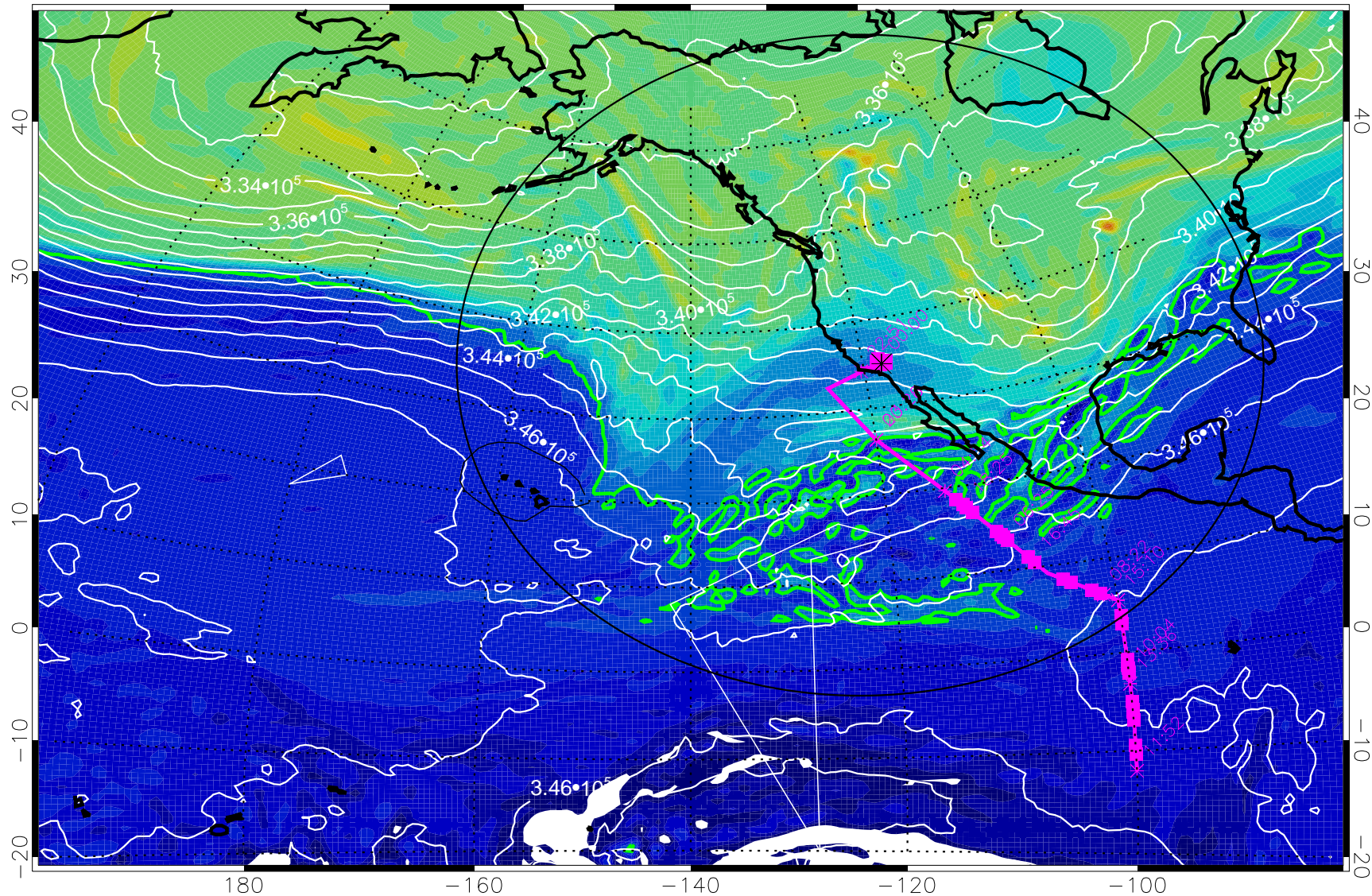


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 4055 km -- 13 hours GH round trip



13022512, 108 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



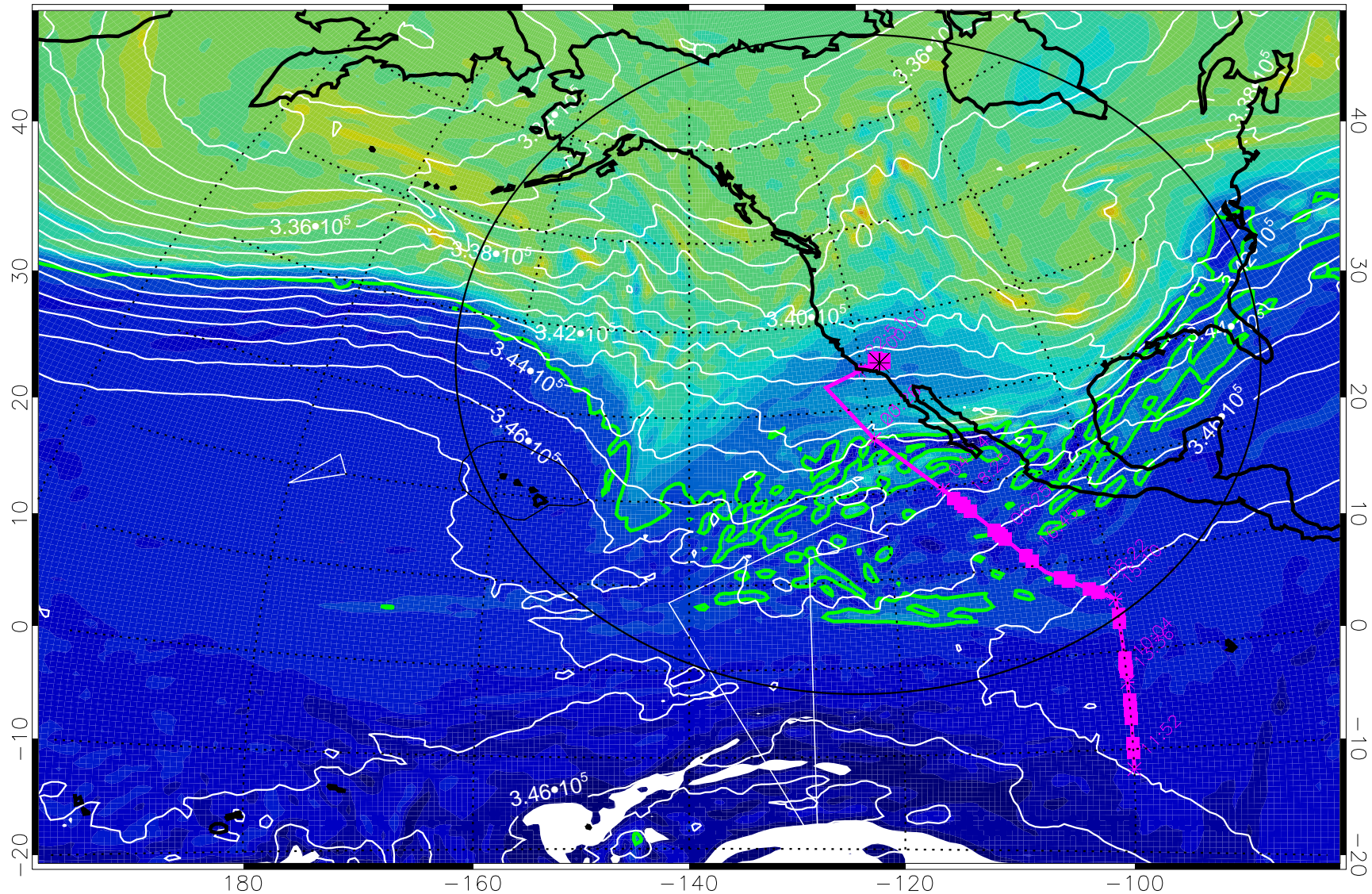
0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

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



13022518, 114 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



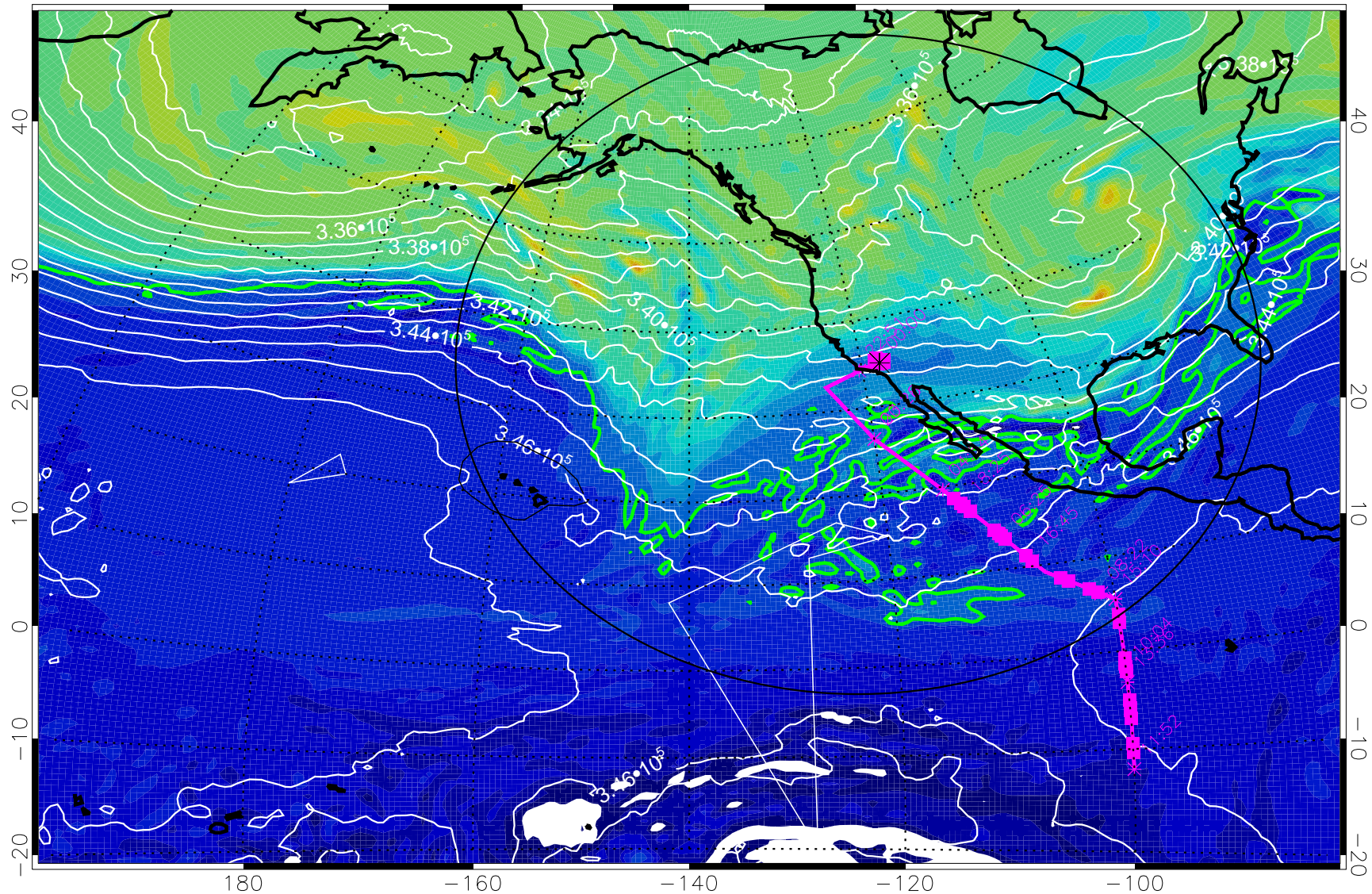
0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>  
PVU

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



13022600, 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