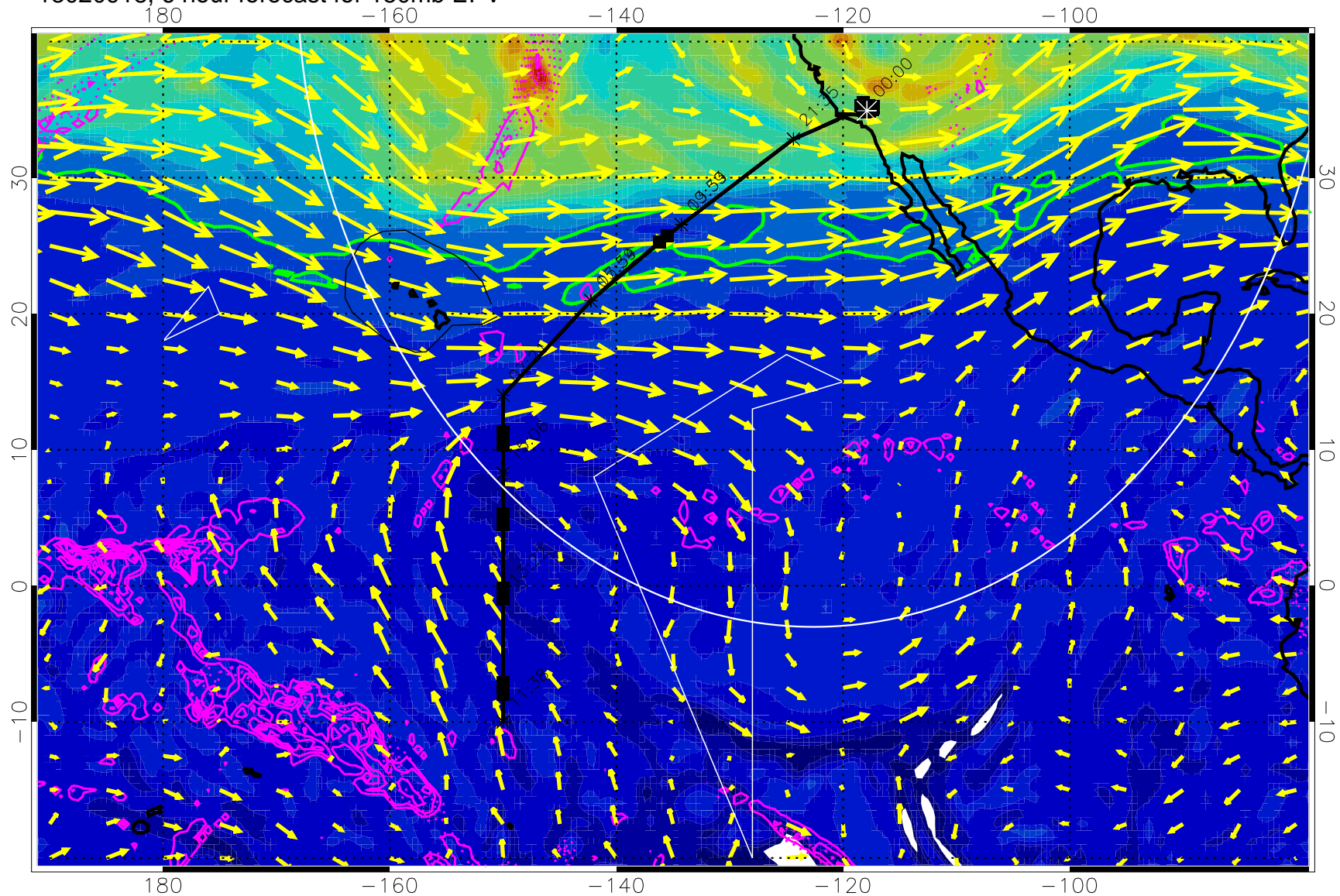


13020918, 6 hour forecast for 150mb EPV



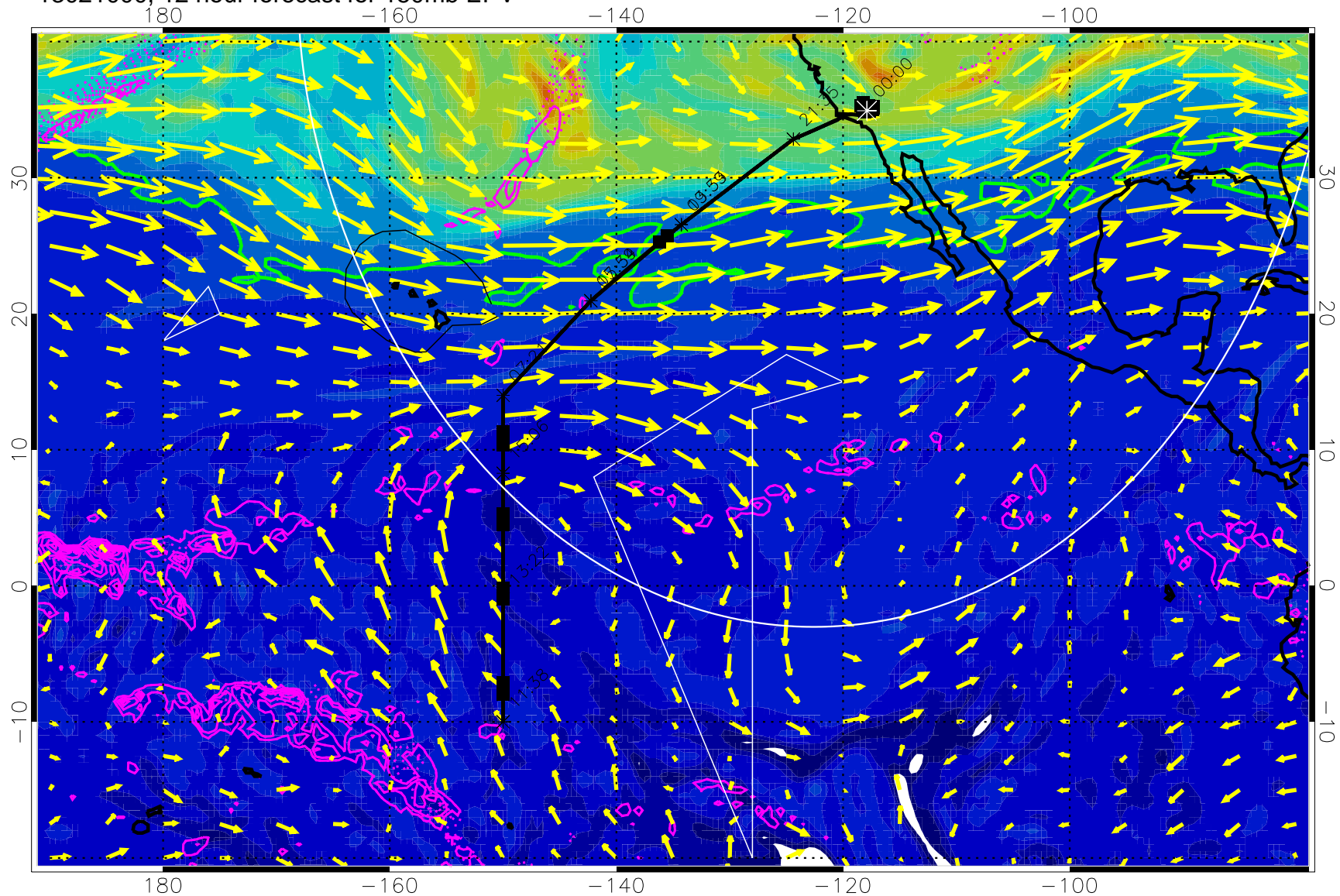
Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip

13021000, 12 hour forecast for 150mb EPV



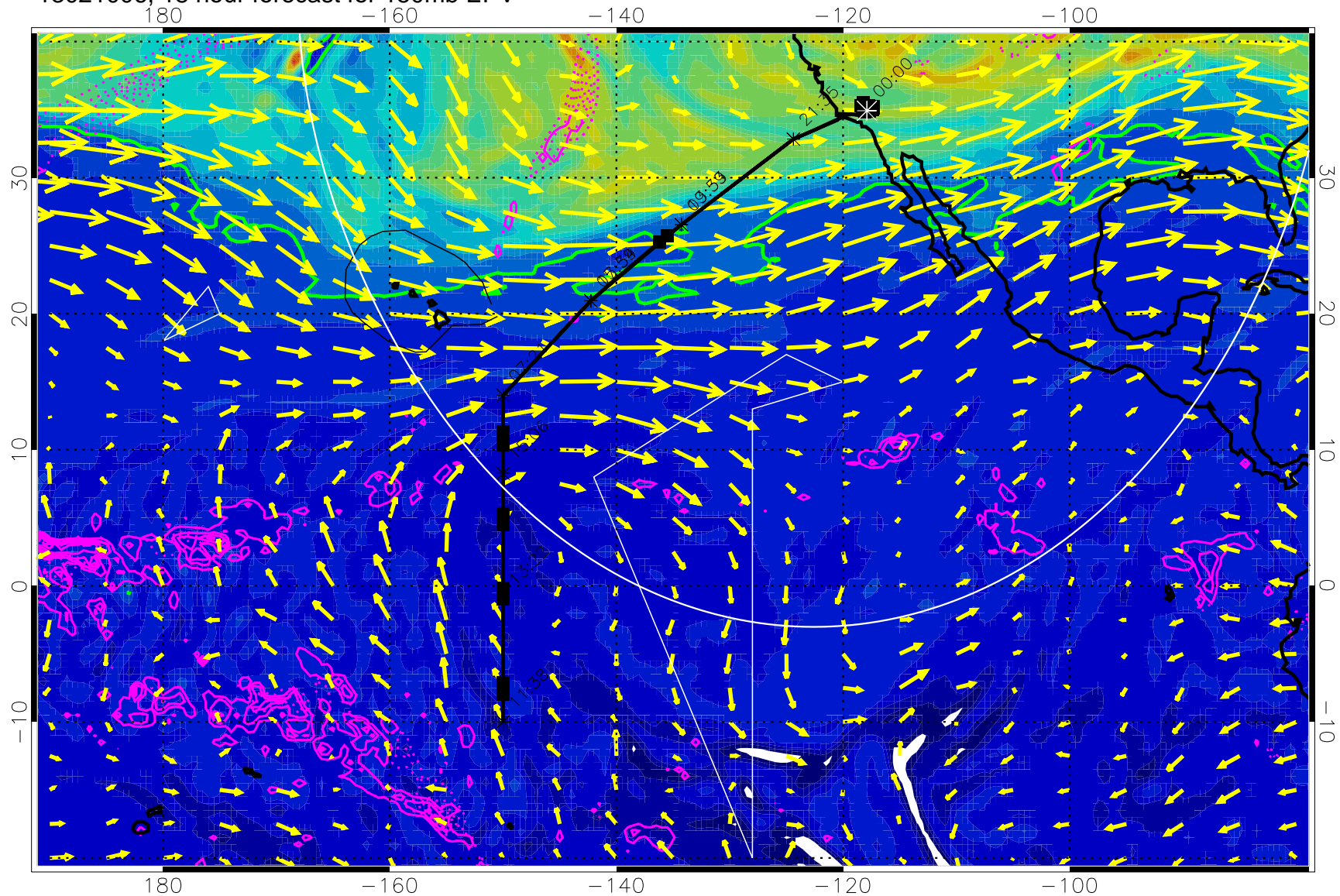
Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip

13021006, 18 hour forecast for 150mb EPV



Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

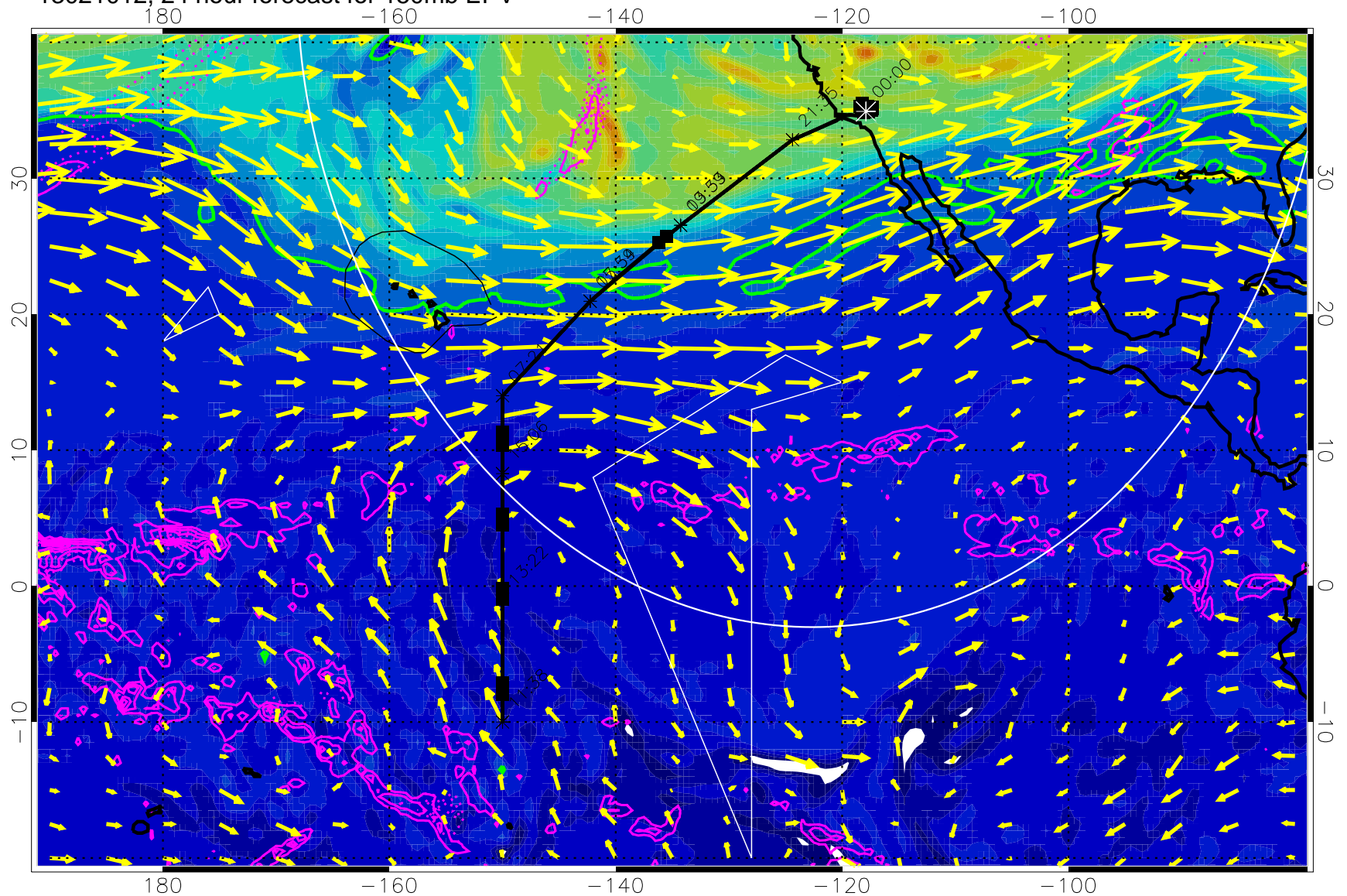
EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip



13021012, 24 hour forecast for 150mb EPV



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

Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

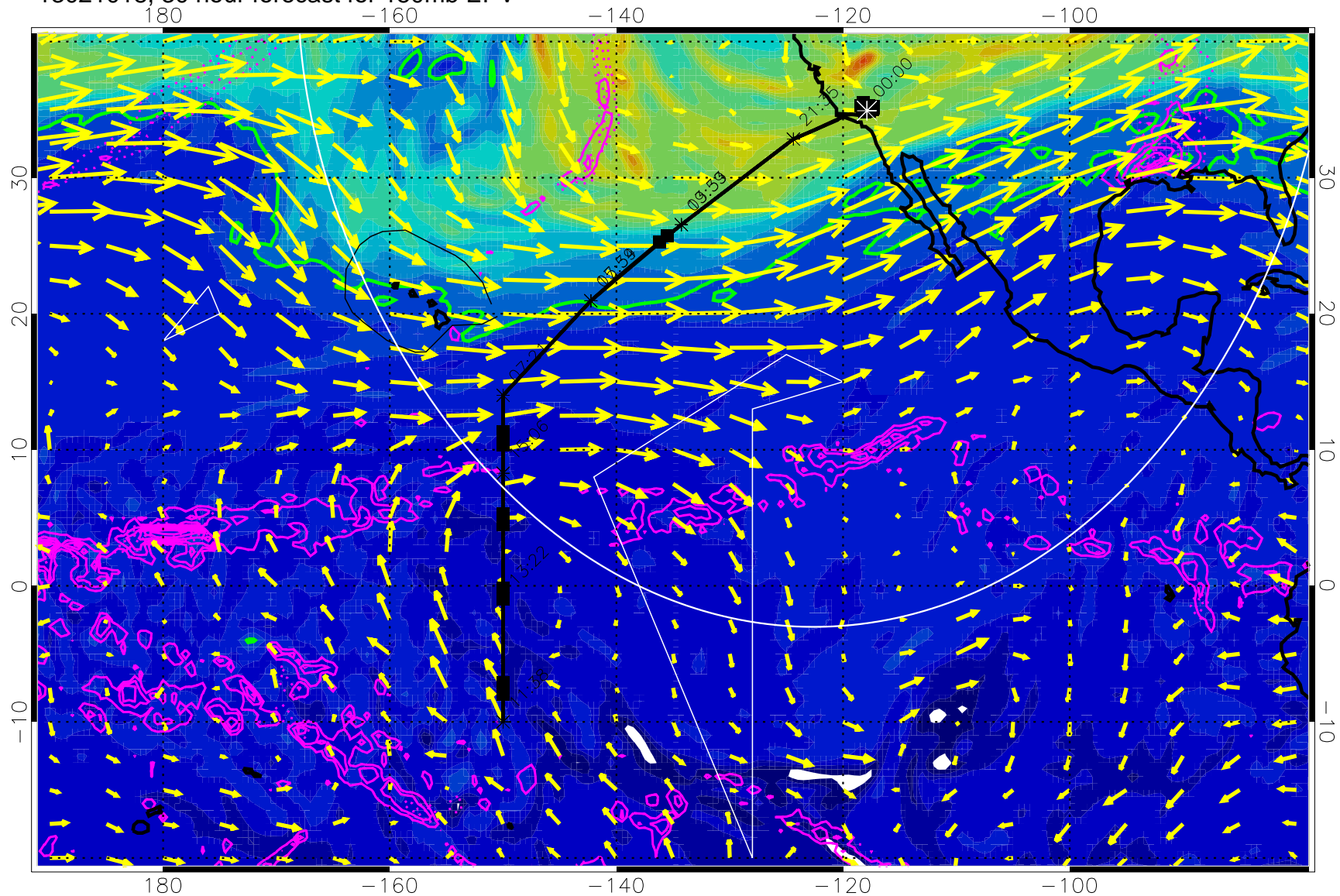
EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip



13021018, 30 hour forecast for 150mb EPV



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

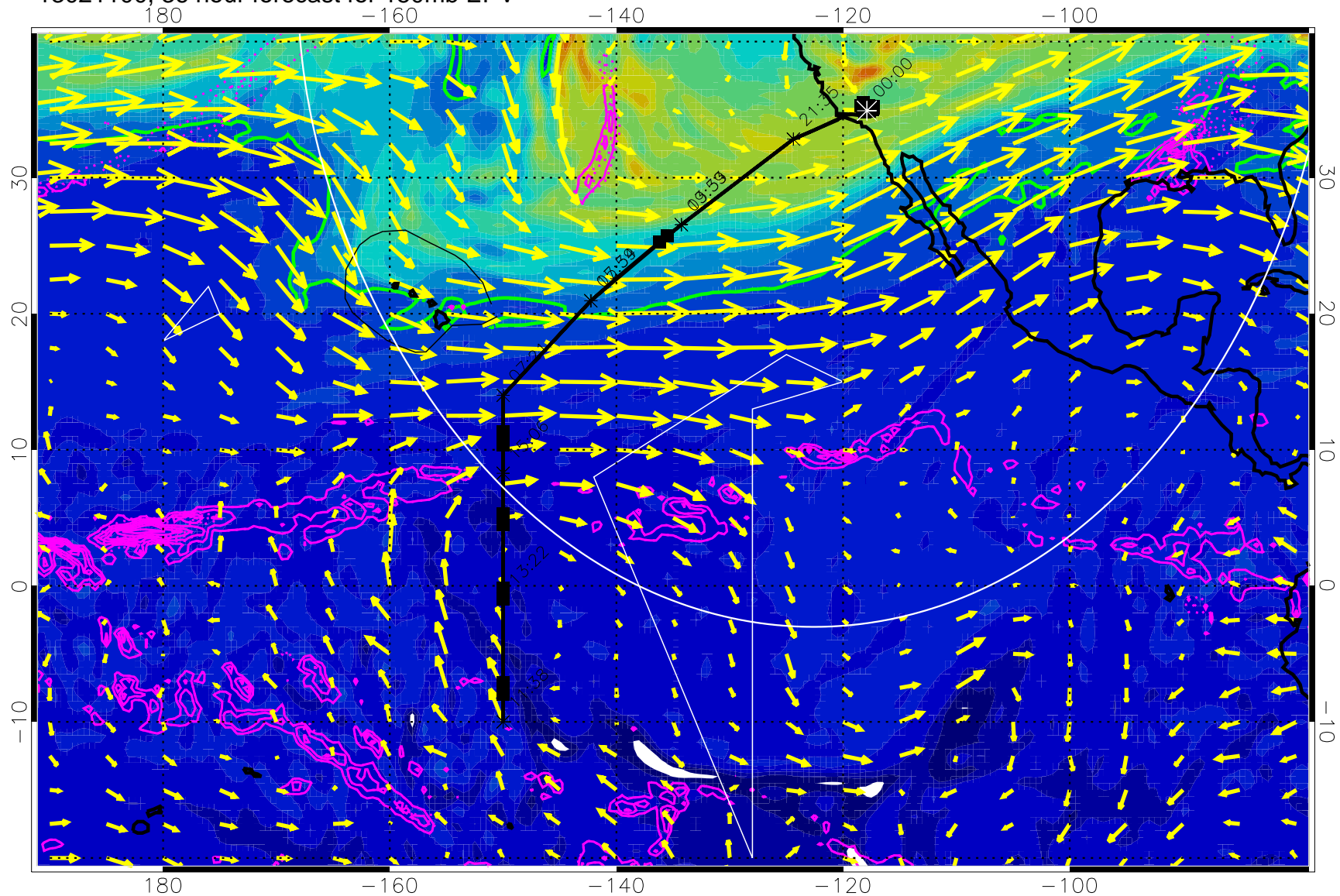
Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip

13021100, 36 hour forecast for 150mb EPV



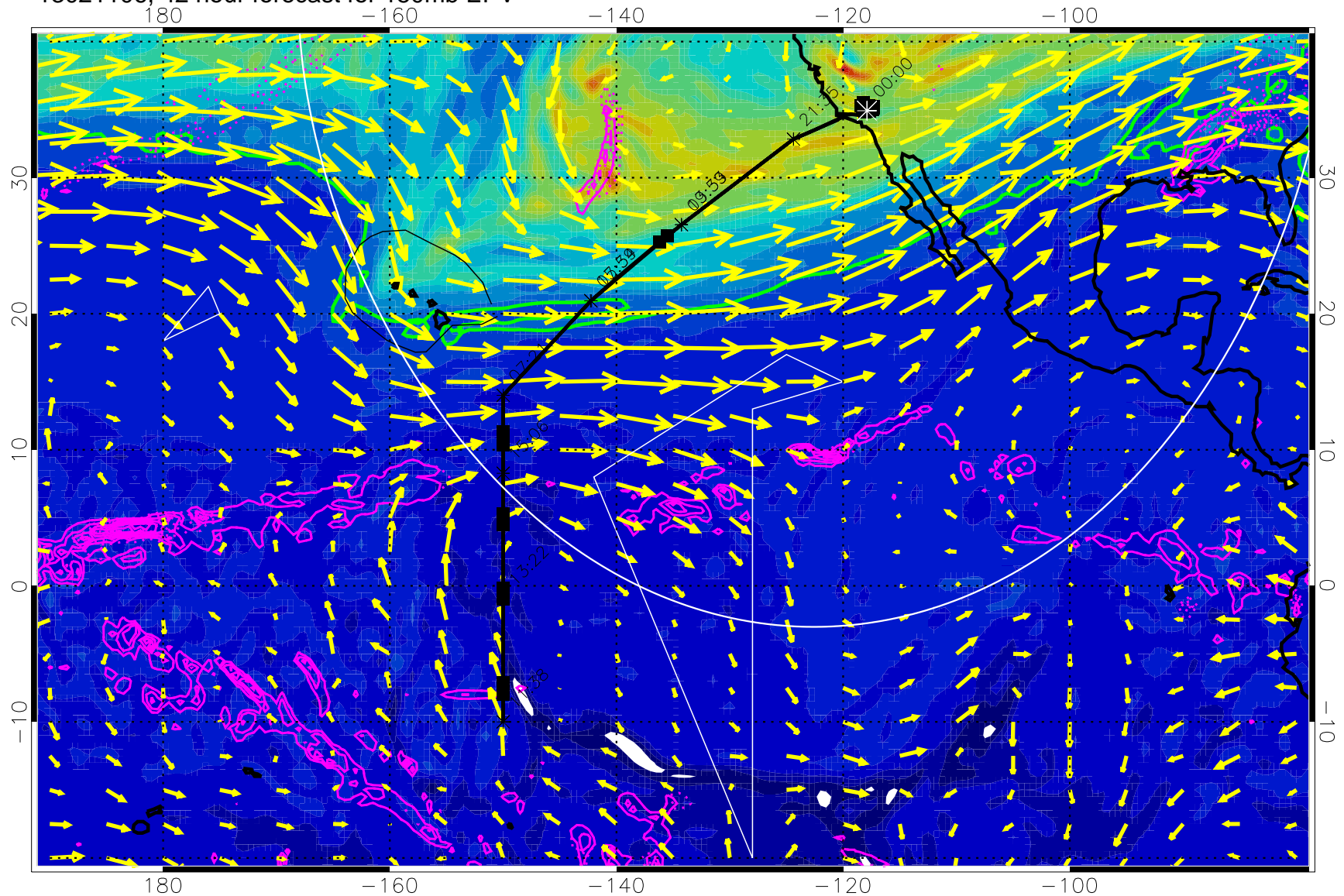
Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip

13021106, 42 hour forecast for 150mb EPV



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

Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

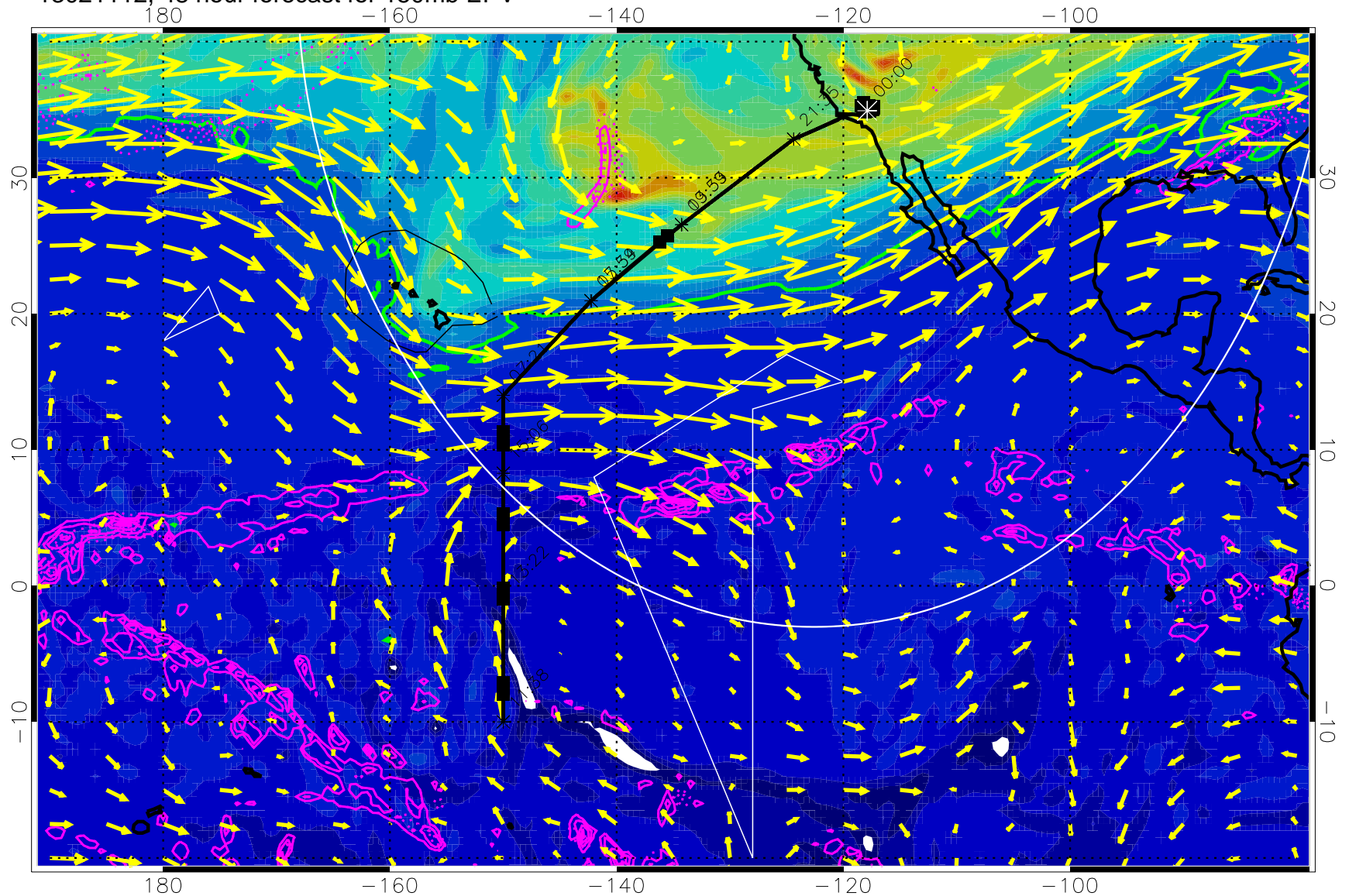
EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip



13021112, 48 hour forecast for 150mb EPV



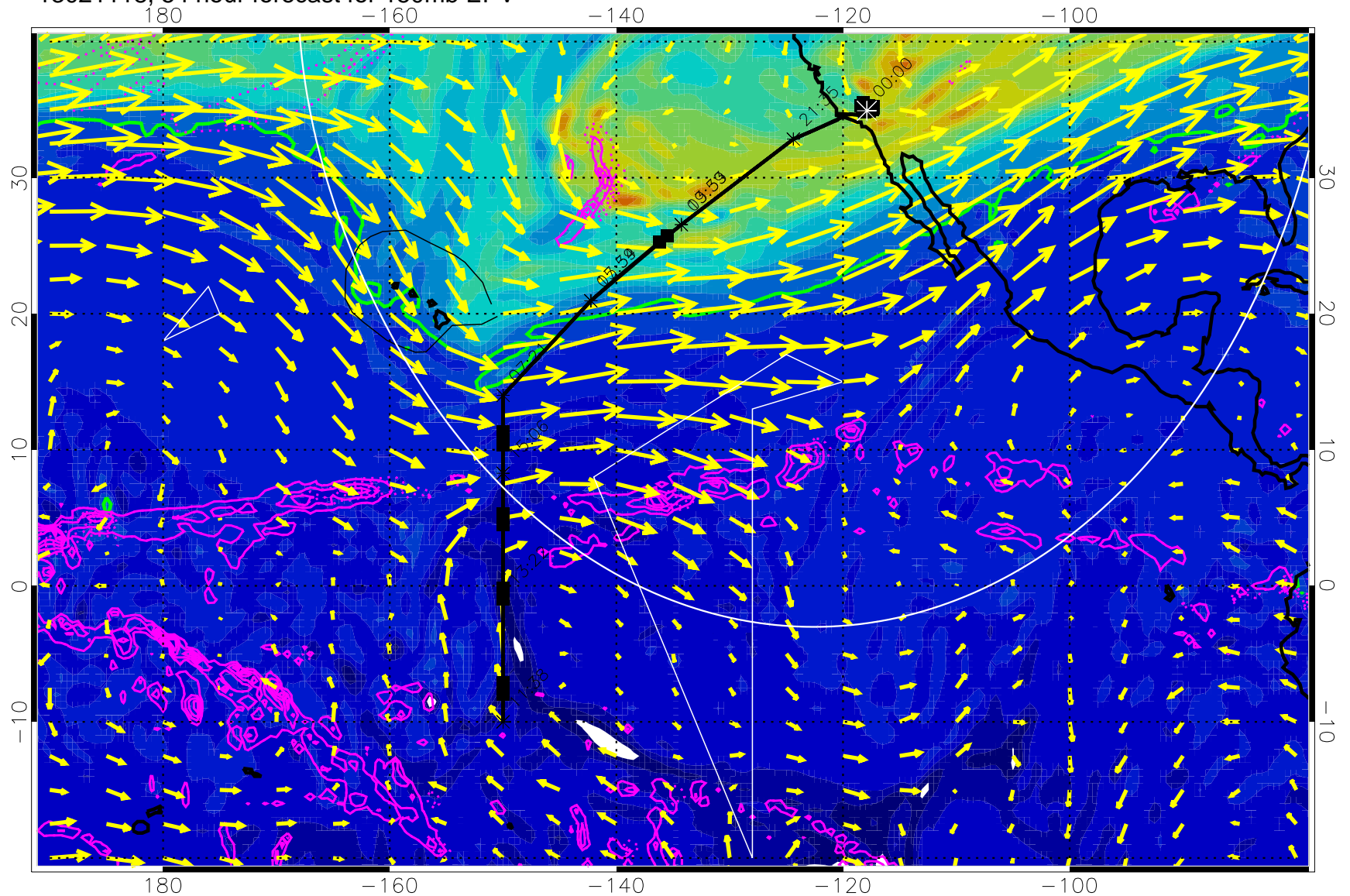
Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip

13021118, 54 hour forecast for 150mb EPV



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

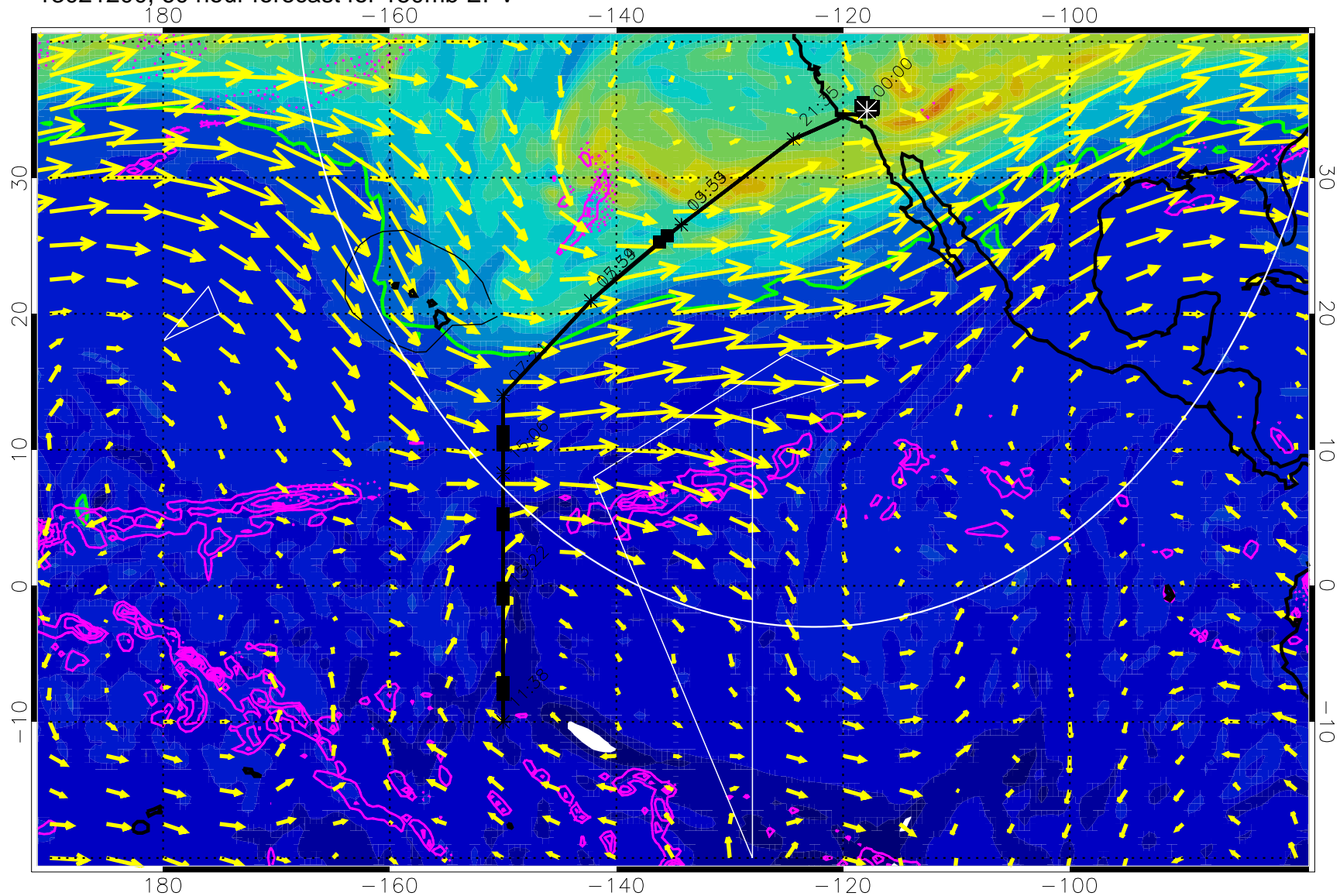
Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip

13021200, 60 hour forecast for 150mb EPV



Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

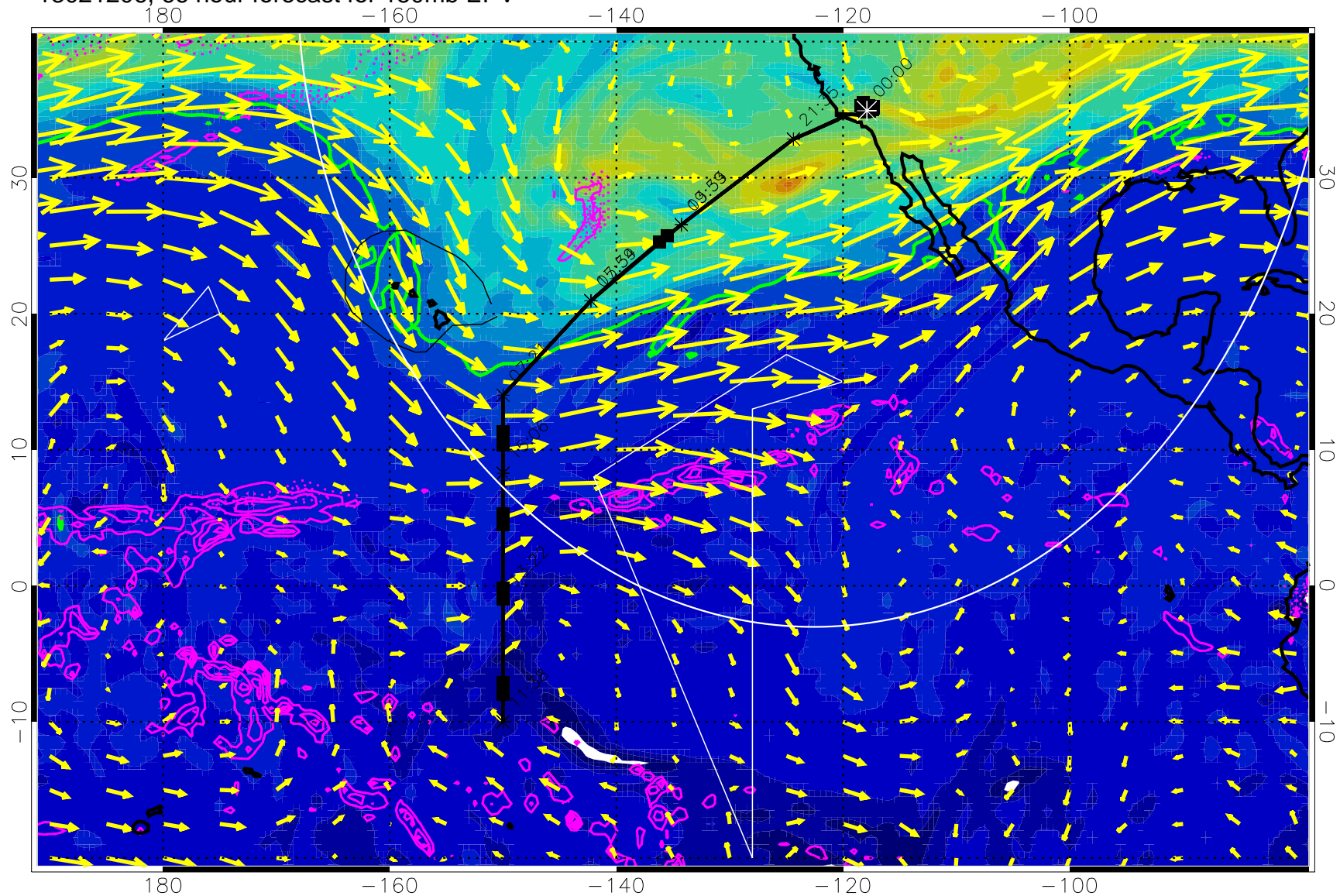
EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip



13021206, 66 hour forecast for 150mb EPV



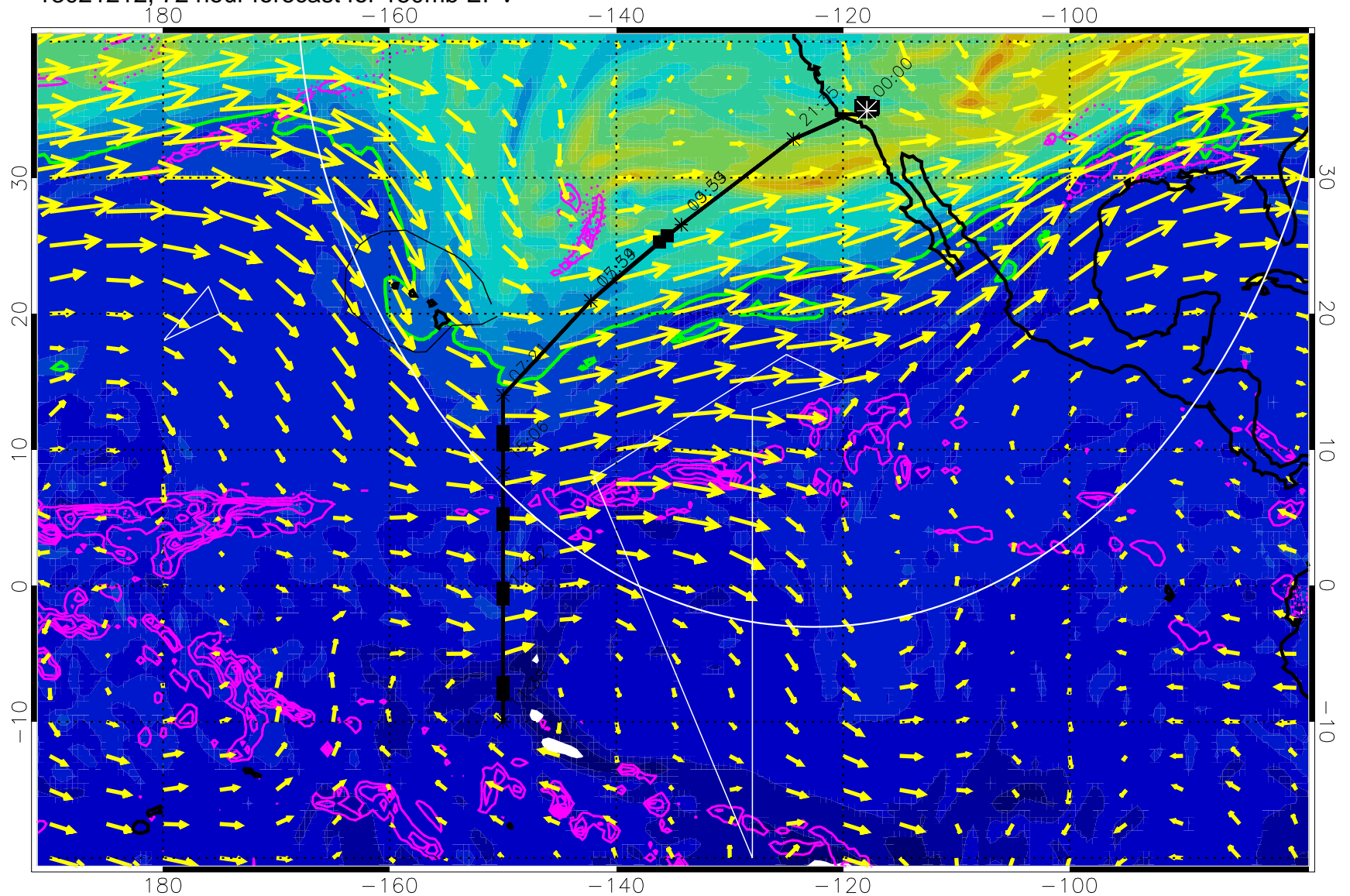
Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip

13021212, 72 hour forecast for 150mb EPV



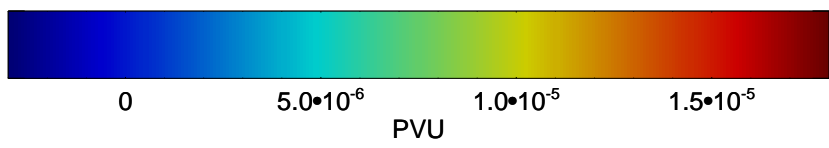
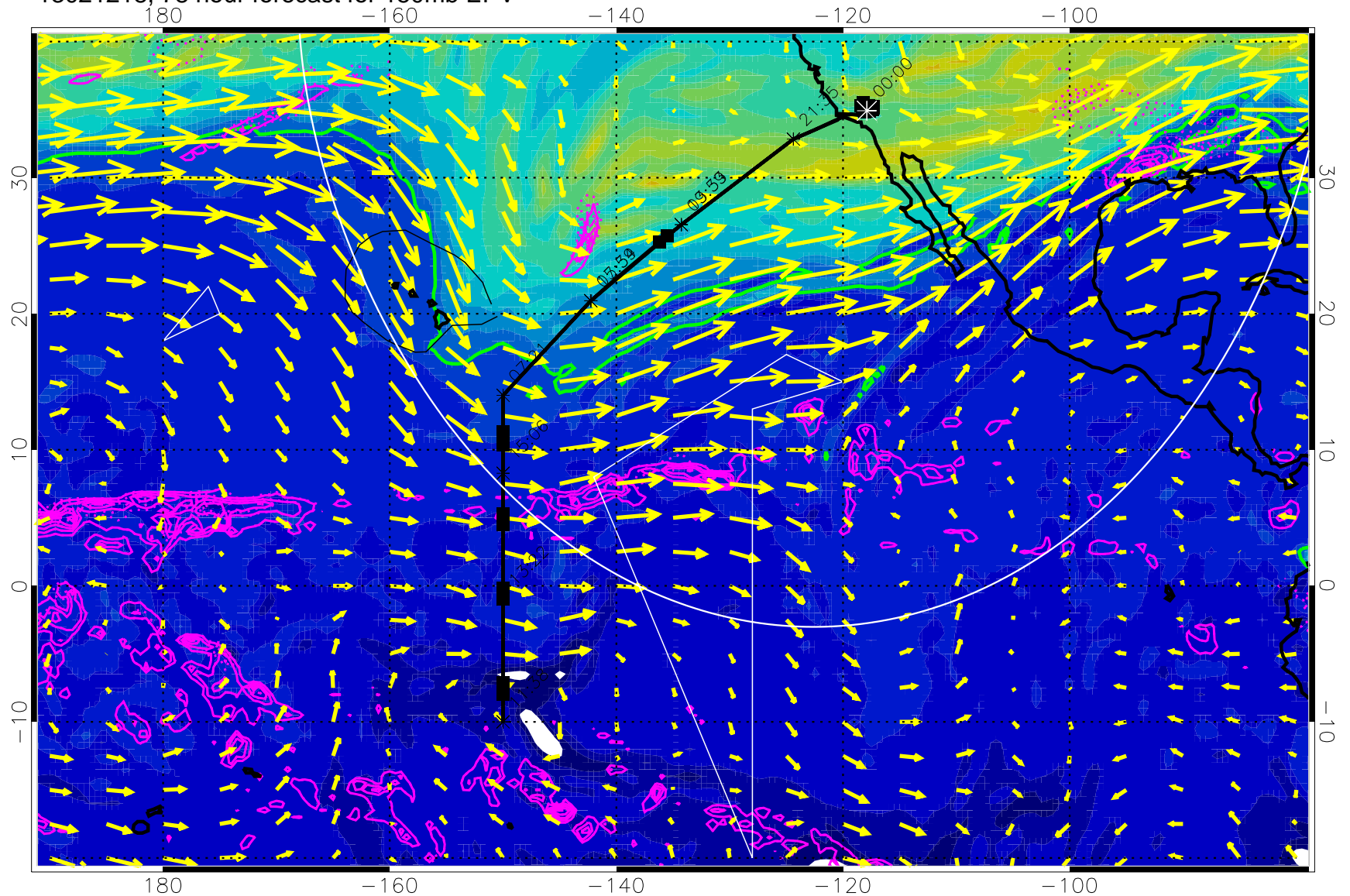
Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip

13021218, 78 hour forecast for 150mb EPV



Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

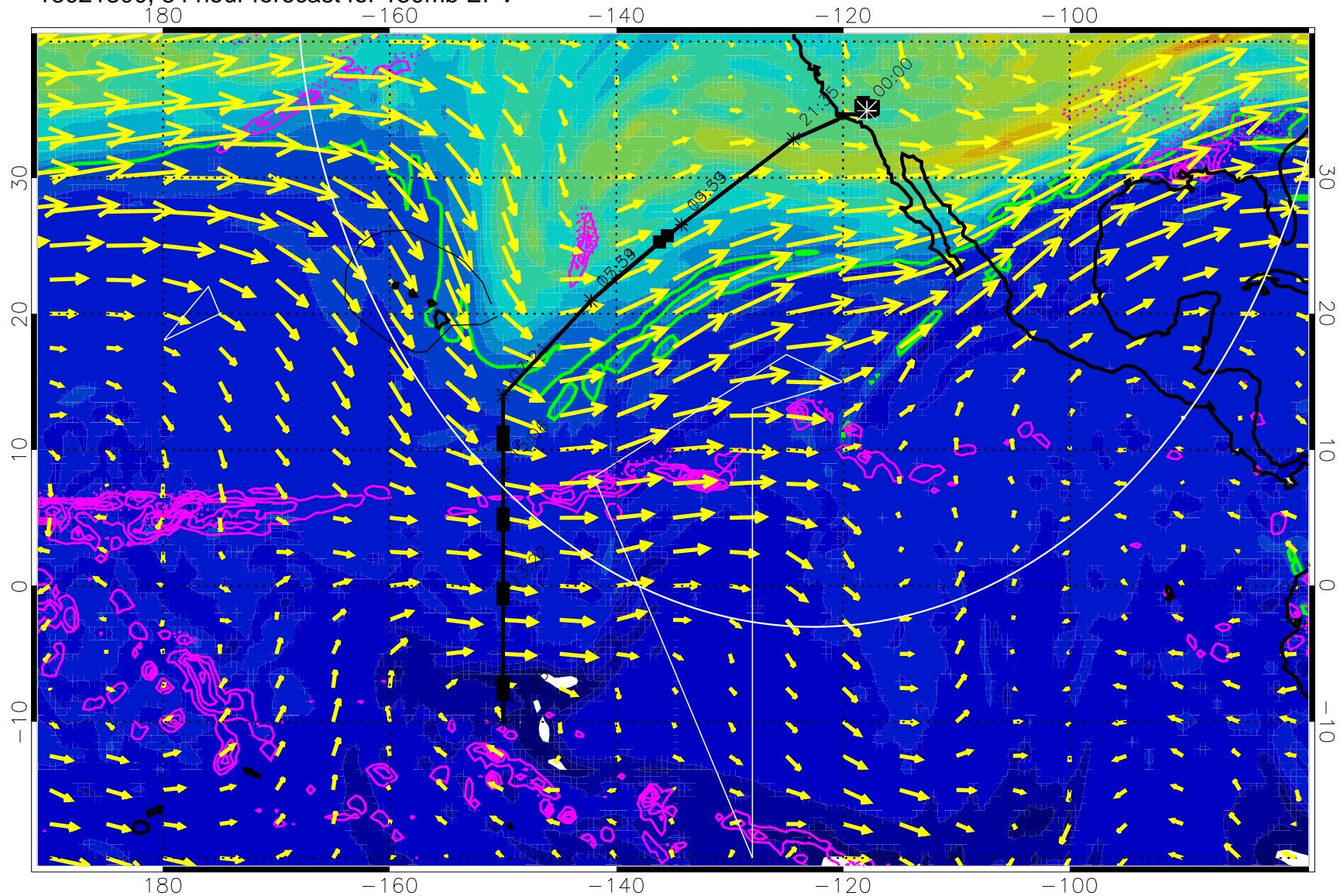
EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip



13021300, 84 hour forecast for 150mb EPV



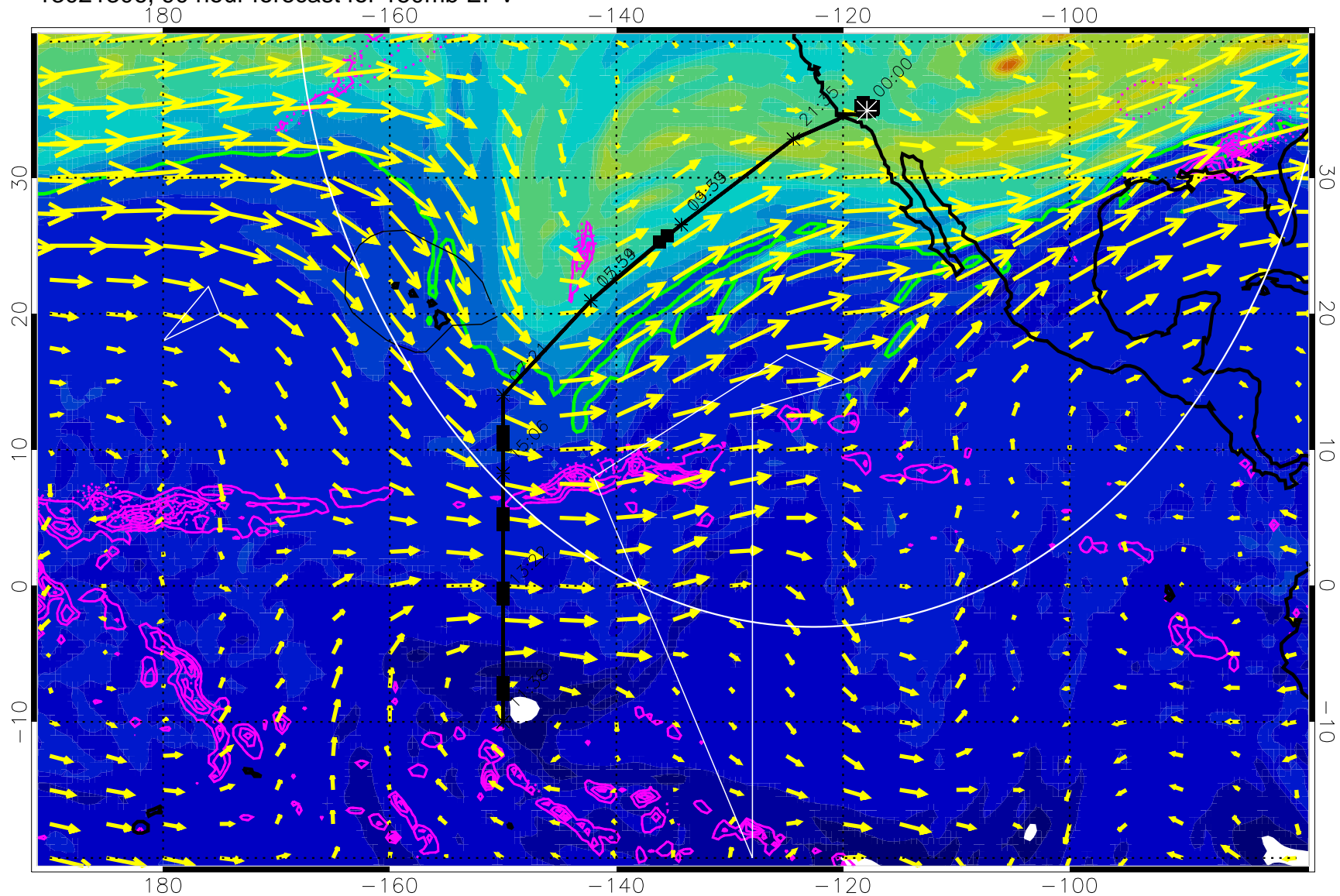
Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip

13021306, 90 hour forecast for 150mb EPV



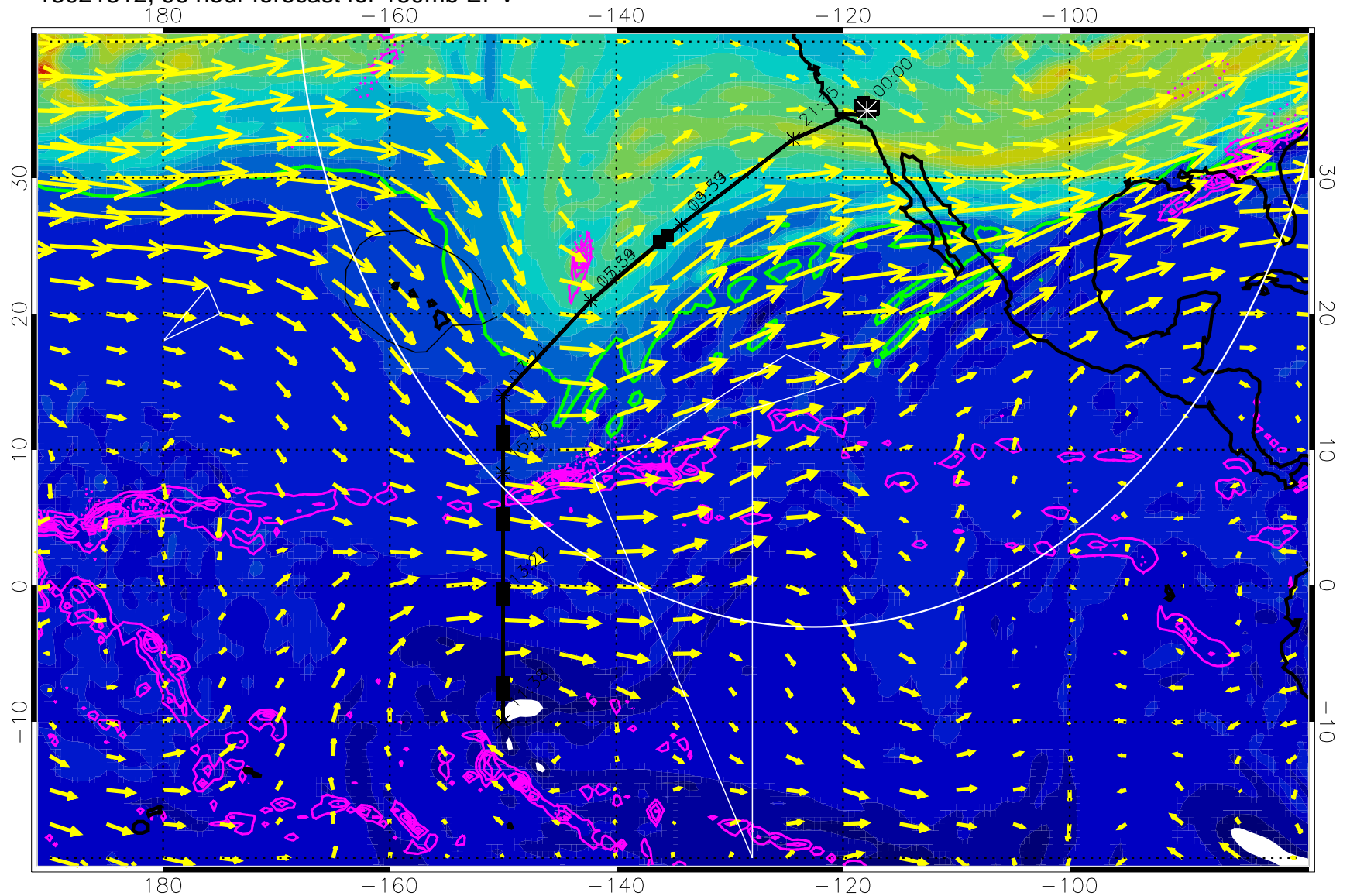
Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip

13021312, 96 hour forecast for 150mb EPV



Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

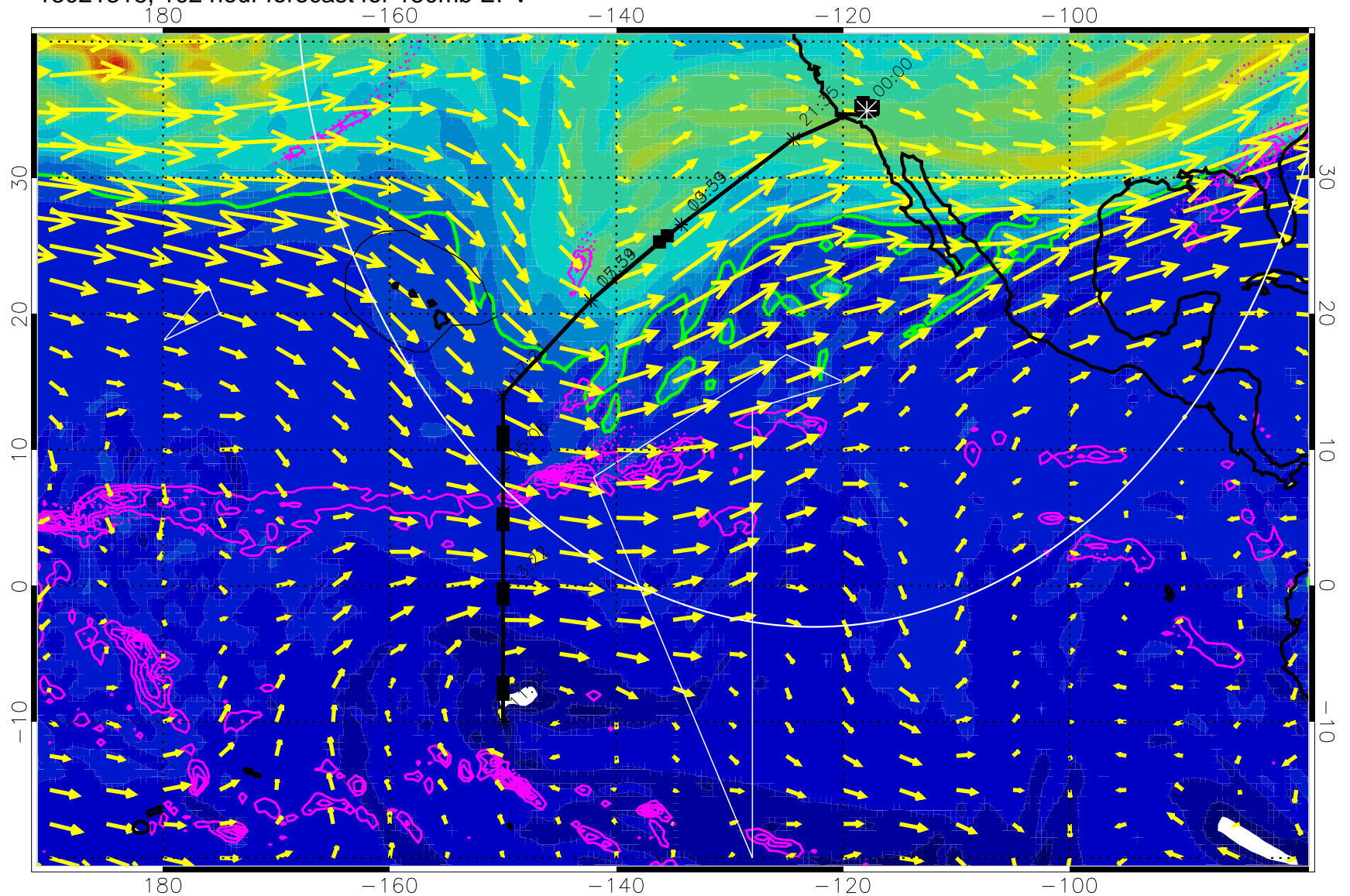
EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip



13021318, 102 hour forecast for 150mb EPV



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

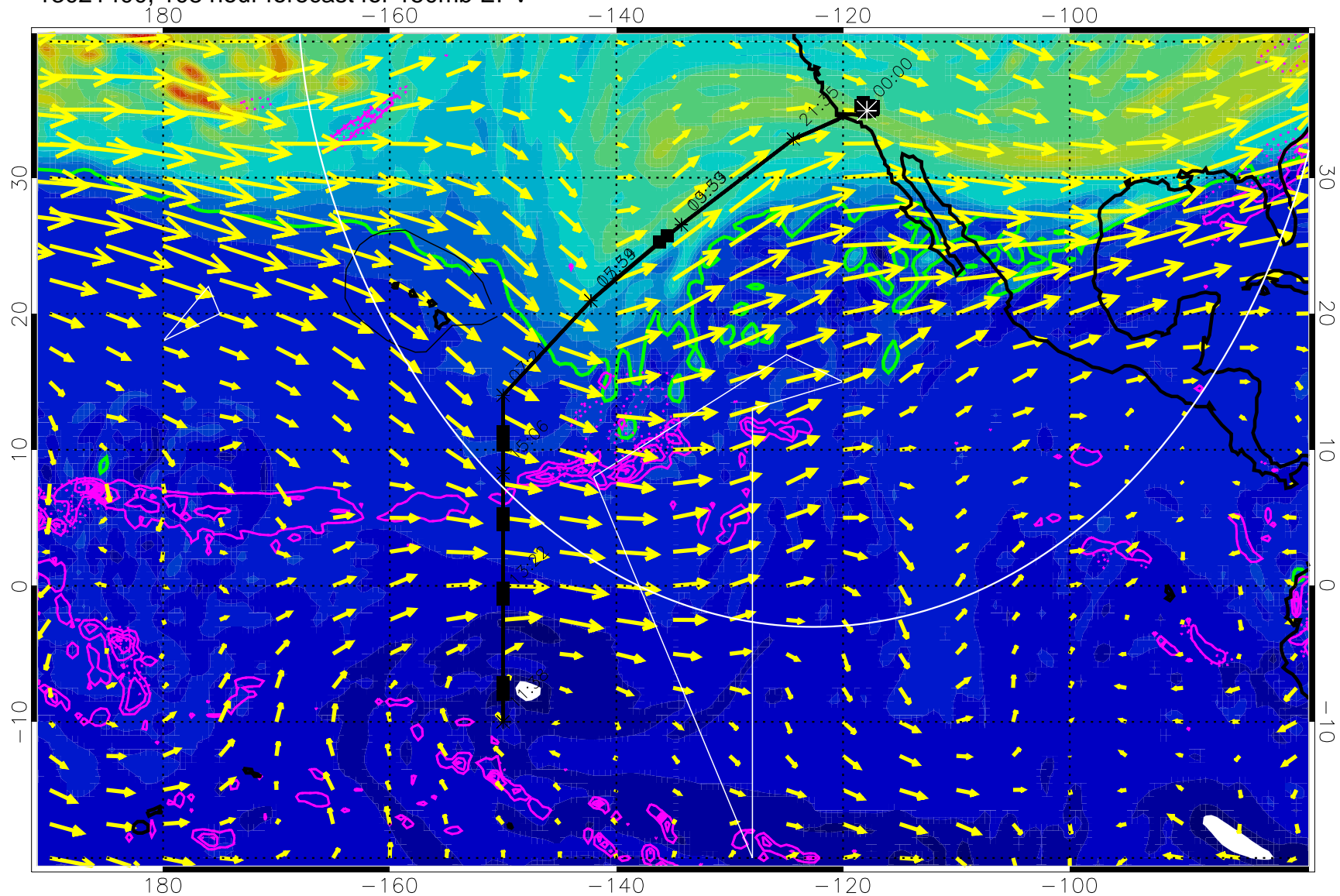
Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip

13021400, 108 hour forecast for 150mb EPV



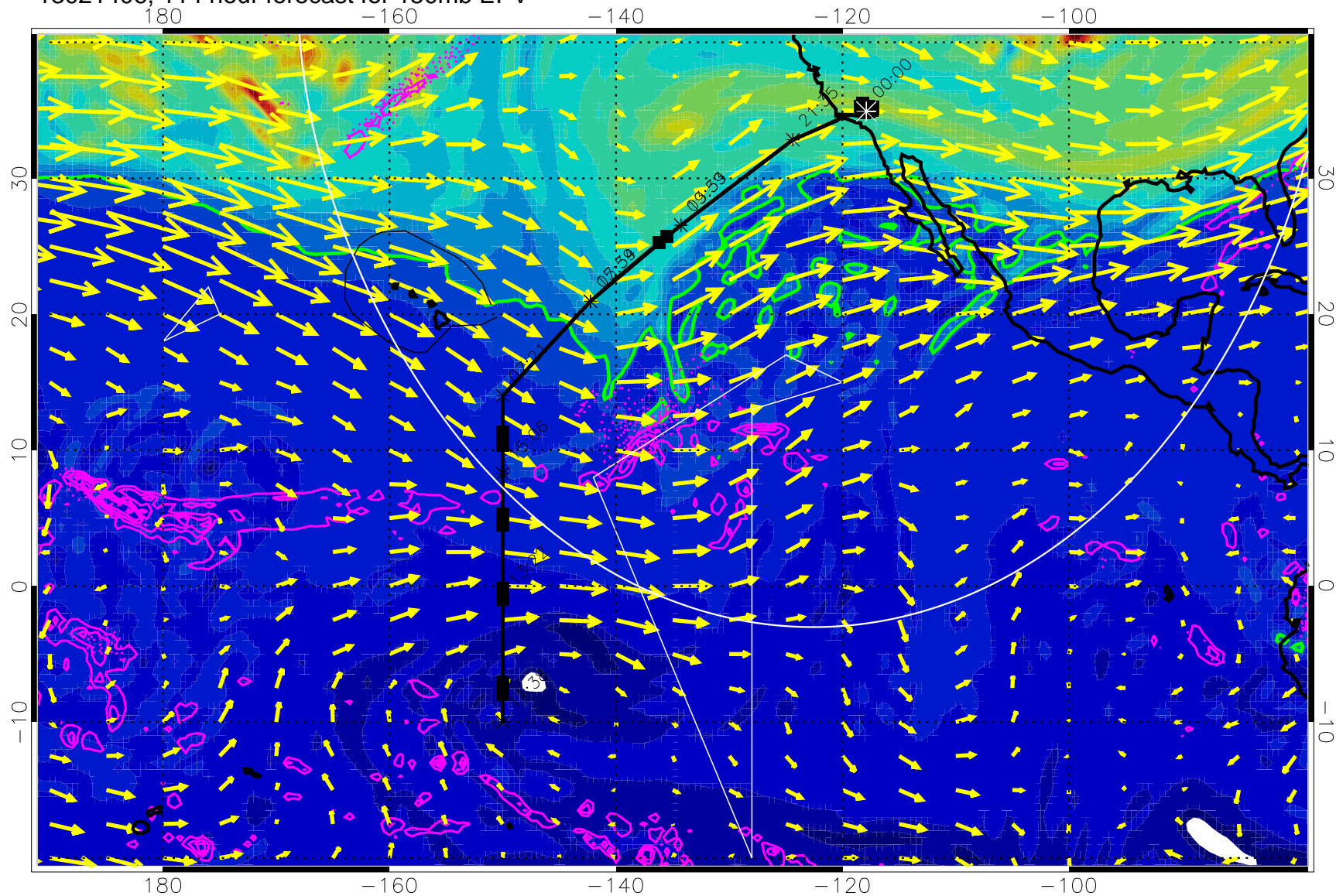
Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip

13021406, 114 hour forecast for 150mb EPV



Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

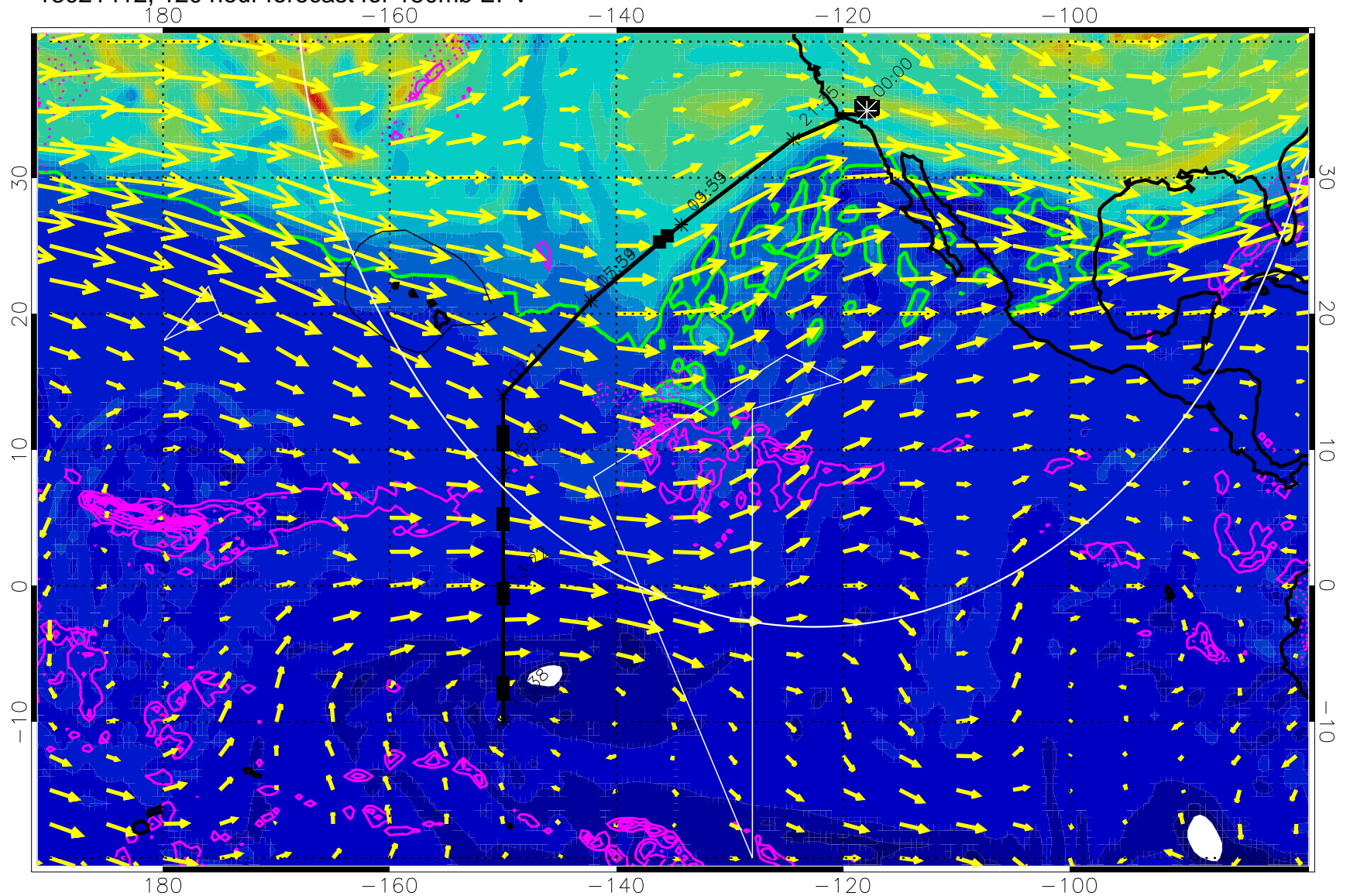
EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip



13021412, 120 hour forecast for 150mb EPV



Precip (tot dot, conv sol) past 6 hrs 6 kg/m2 contours, min 4

EPV Tropopause (2 PVU) Position

→ 60 m/s

Range ring of 4055 km -- 13 hours GH round trip