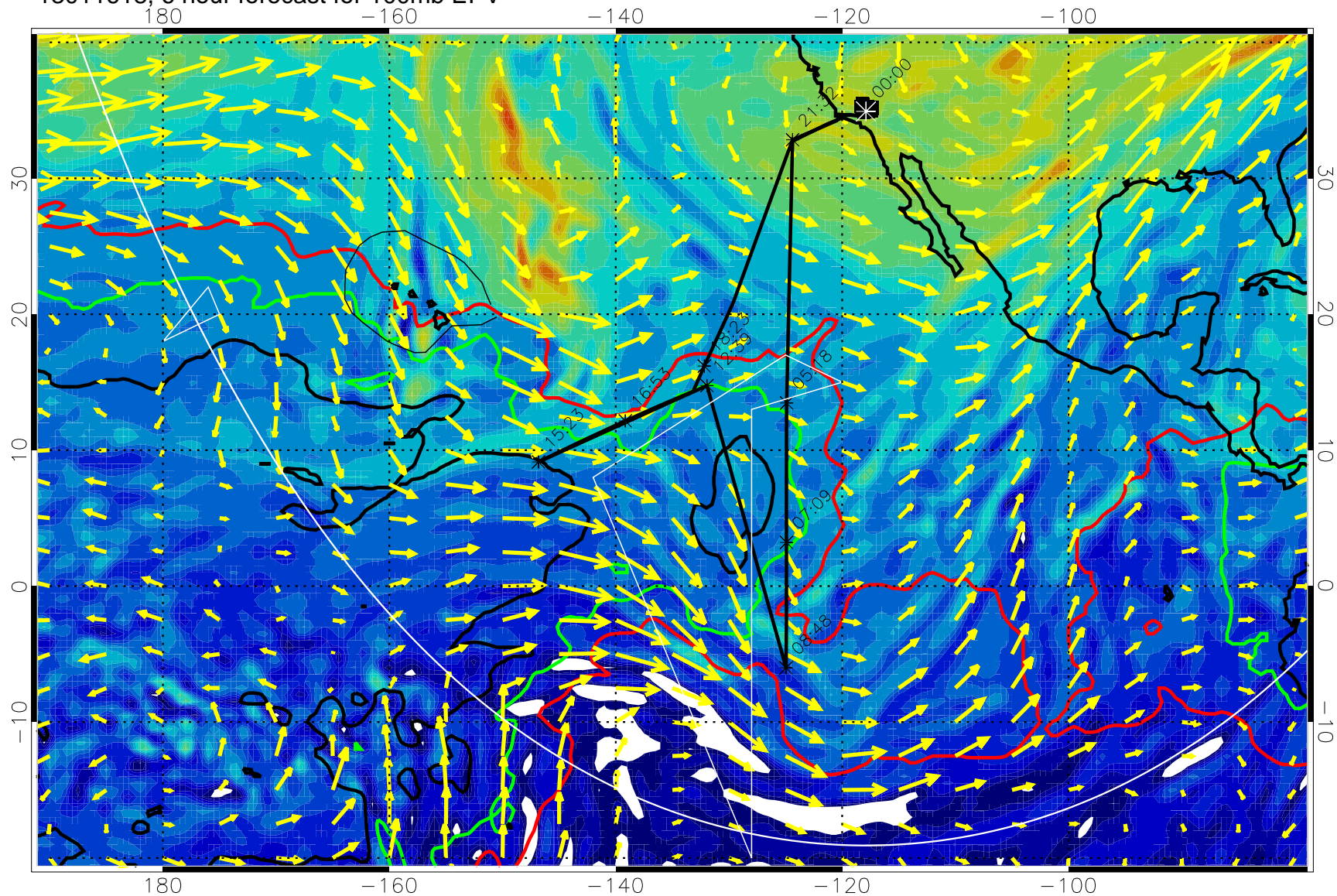


13011618, 6 hour forecast for 100mb EPV



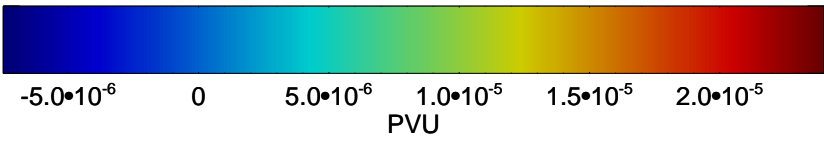
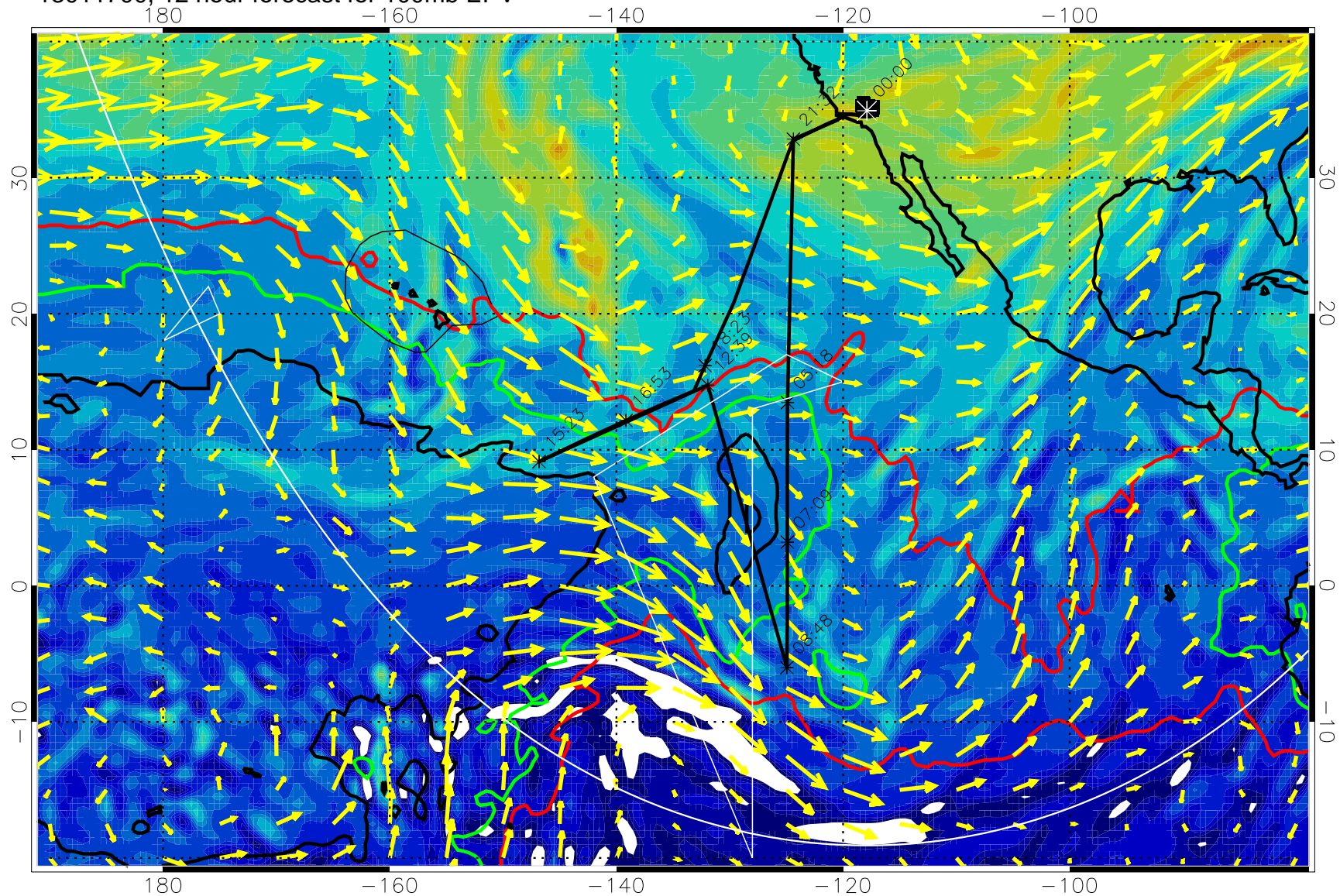
$-5.0 \cdot 10^{-6}$     0     $5.0 \cdot 10^{-6}$      $1.0 \cdot 10^{-5}$      $1.5 \cdot 10^{-5}$      $2.0 \cdot 10^{-5}$   
PVU

190K Isotherm    192.5K Isotherm    195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

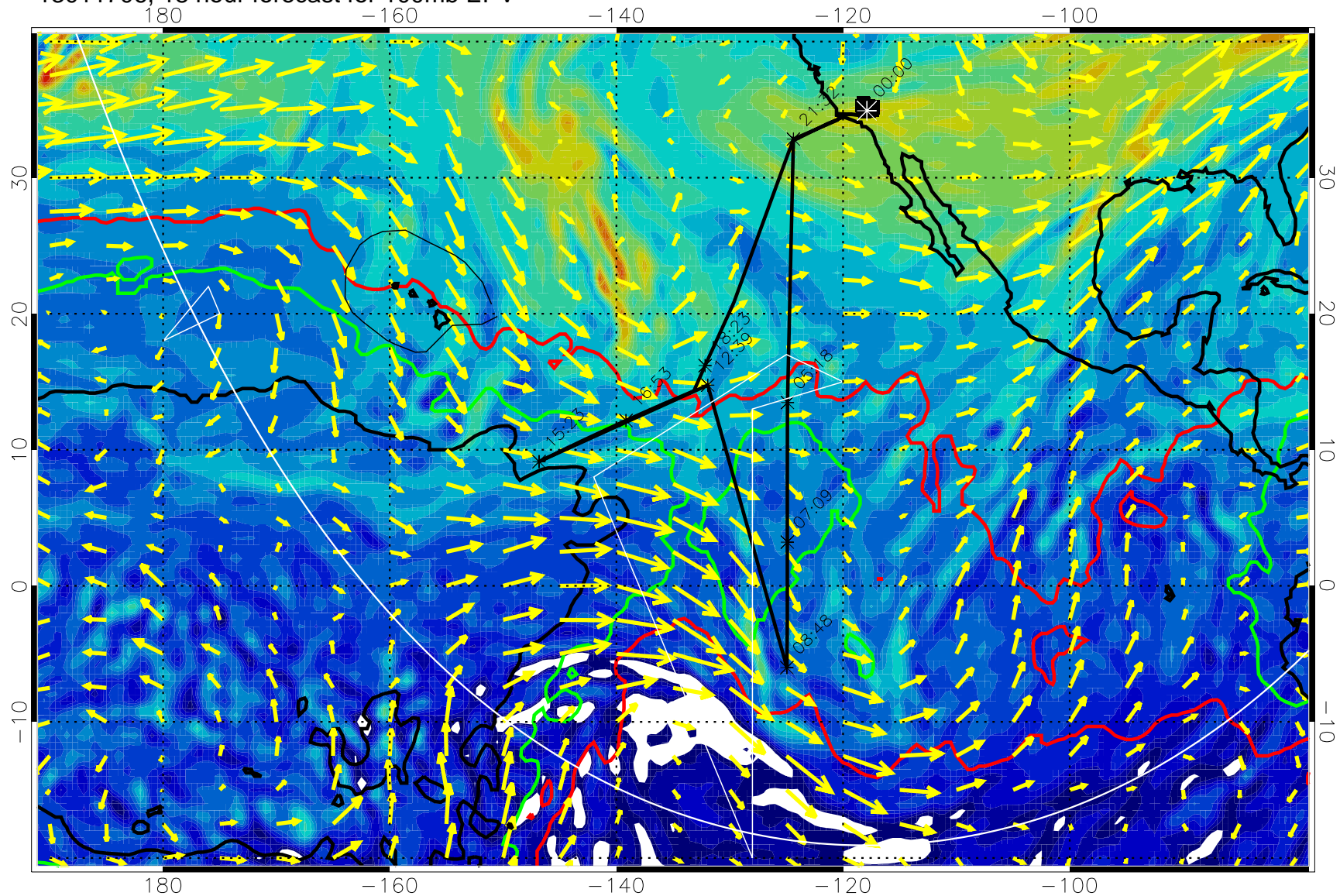
13011700, 12 hour forecast for 100mb EPV



190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s  
Range ring of 6000 km -- 19 hours GH round trip

13011706, 18 hour forecast for 100mb EPV



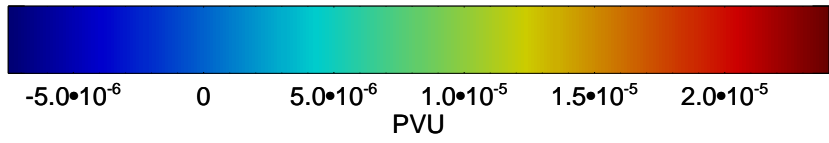
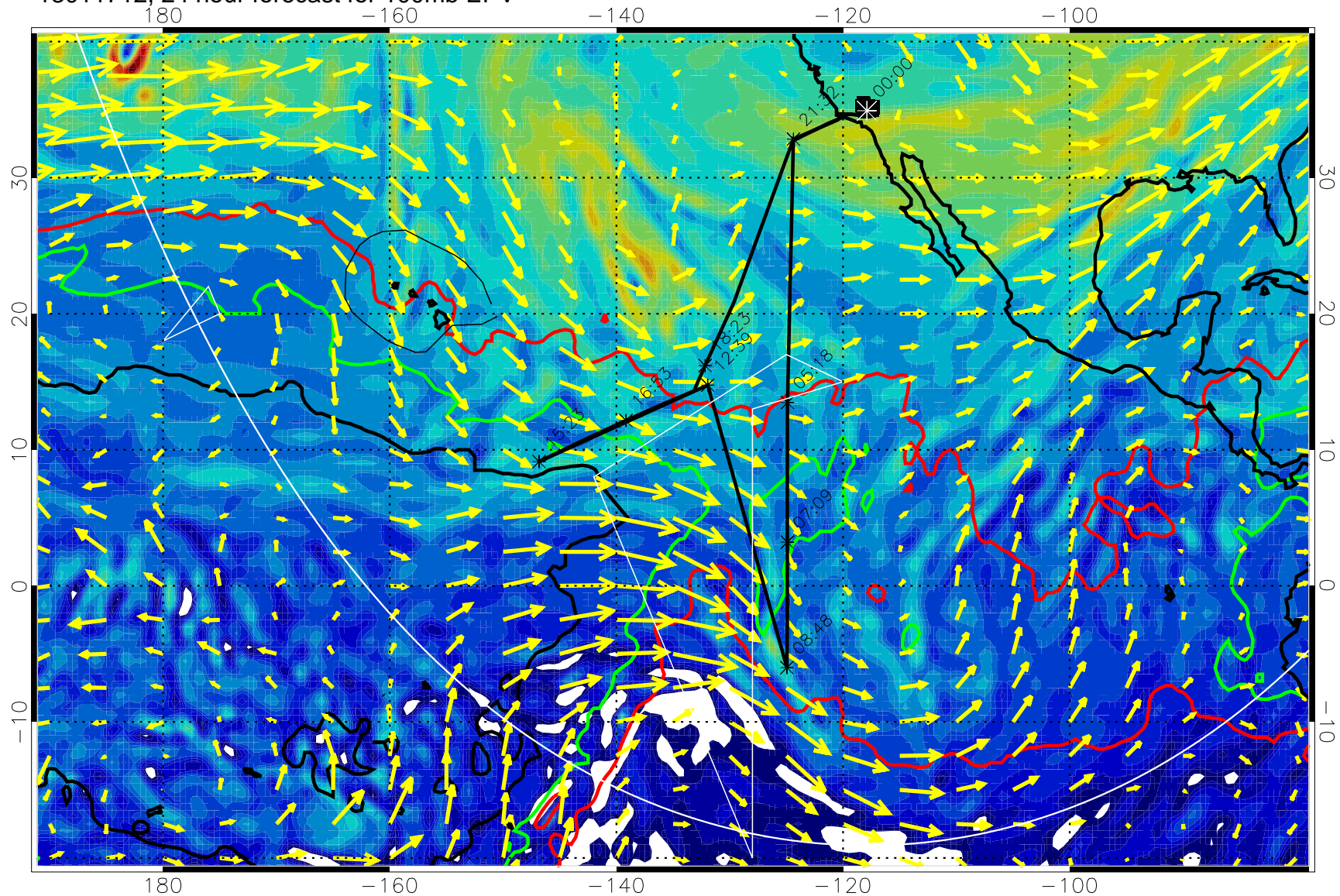
$-5.0 \cdot 10^{-6}$     0     $5.0 \cdot 10^{-6}$      $1.0 \cdot 10^{-5}$      $1.5 \cdot 10^{-5}$      $2.0 \cdot 10^{-5}$   
PVU

190K Isotherm    192.5K Isotherm    195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13011712, 24 hour forecast for 100mb EPV

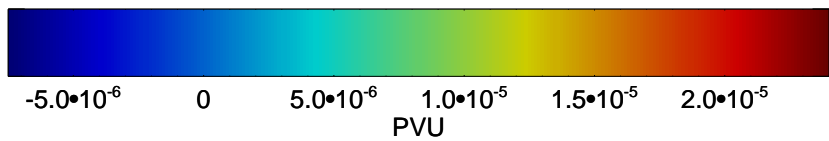
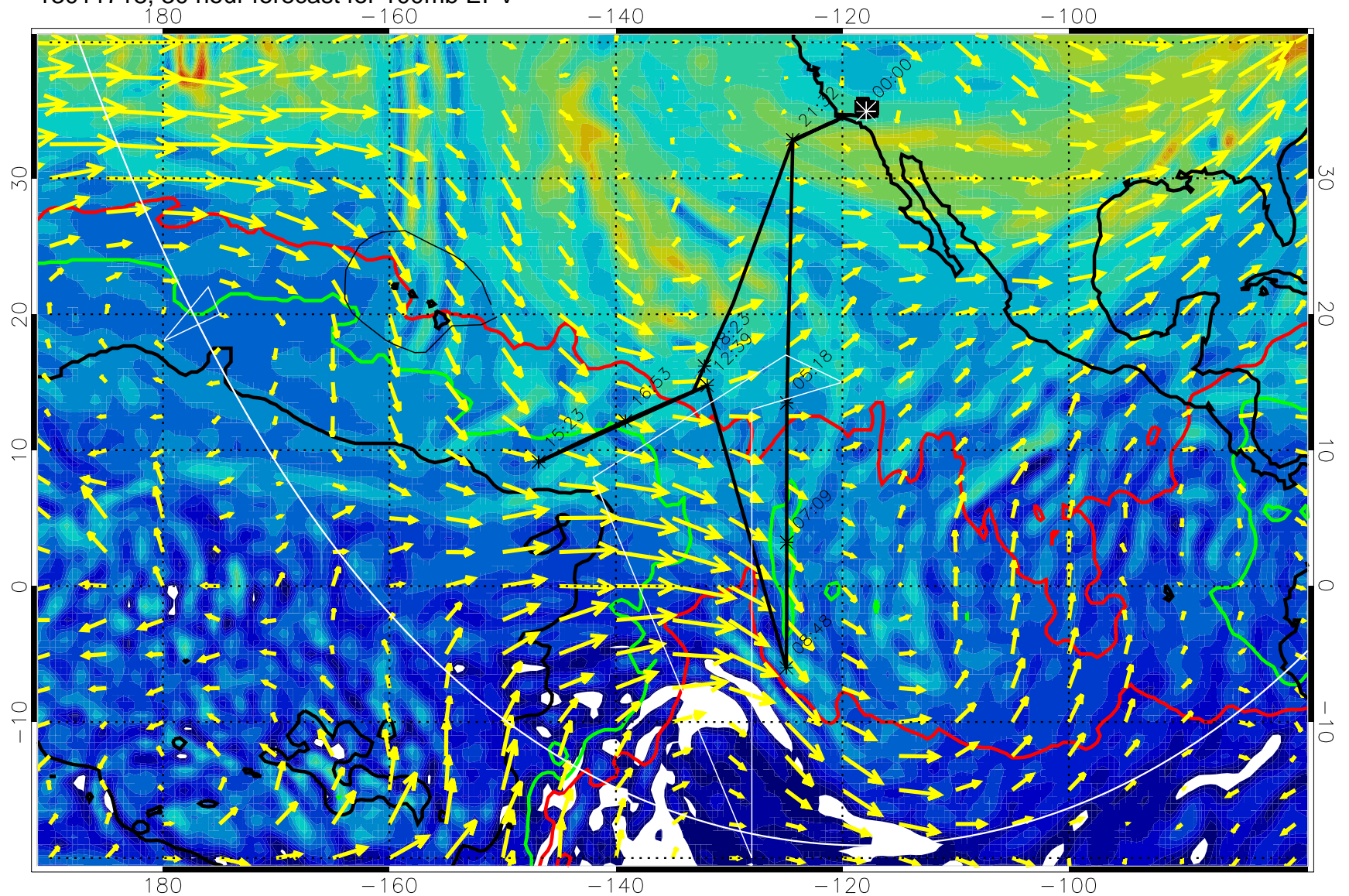


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13011718, 30 hour forecast for 100mb EPV

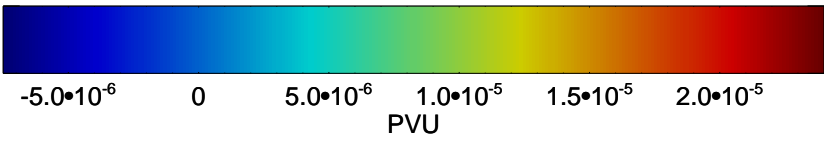
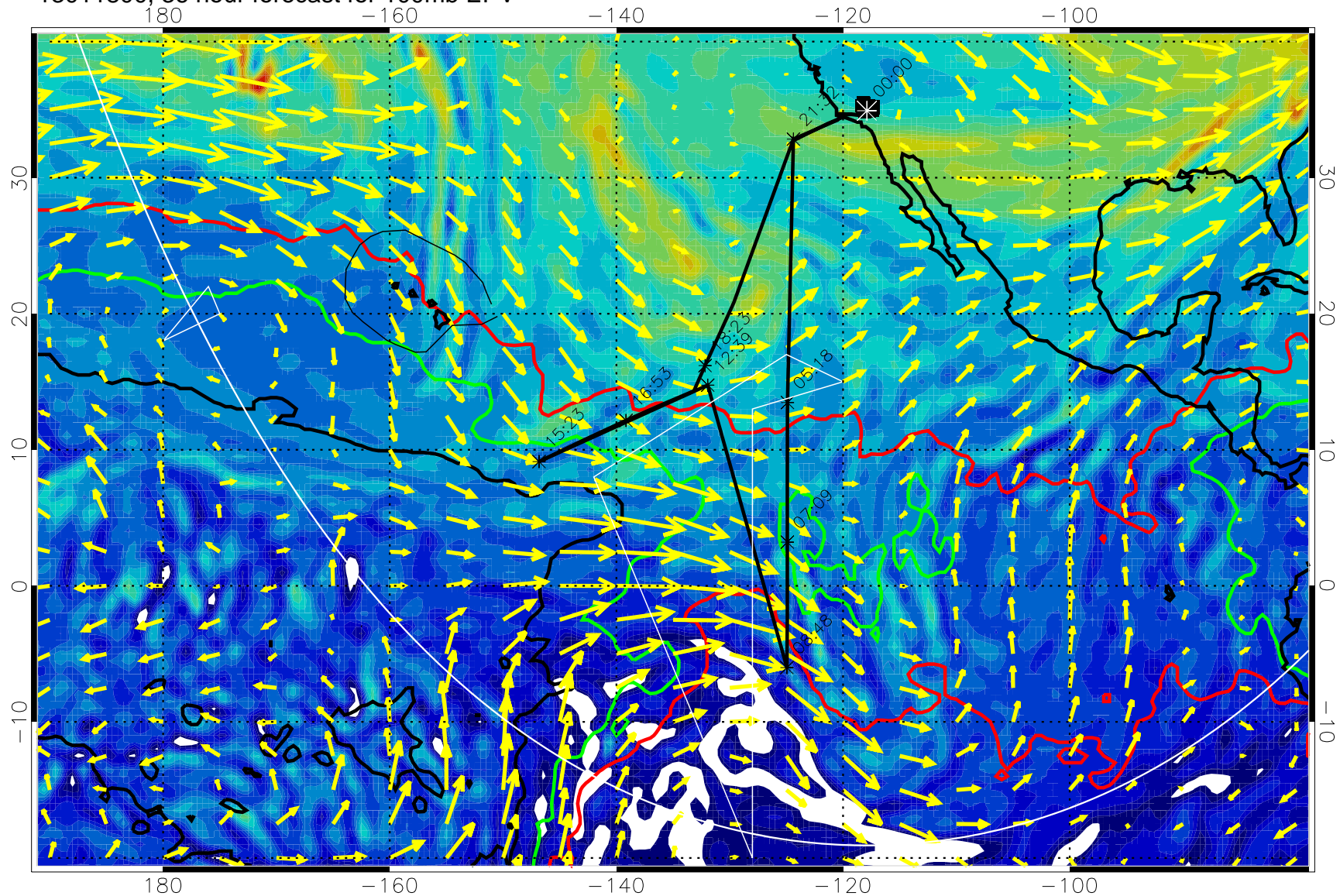


190K Isotherm    192.5K Isotherm    195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13011800, 36 hour forecast for 100mb EPV

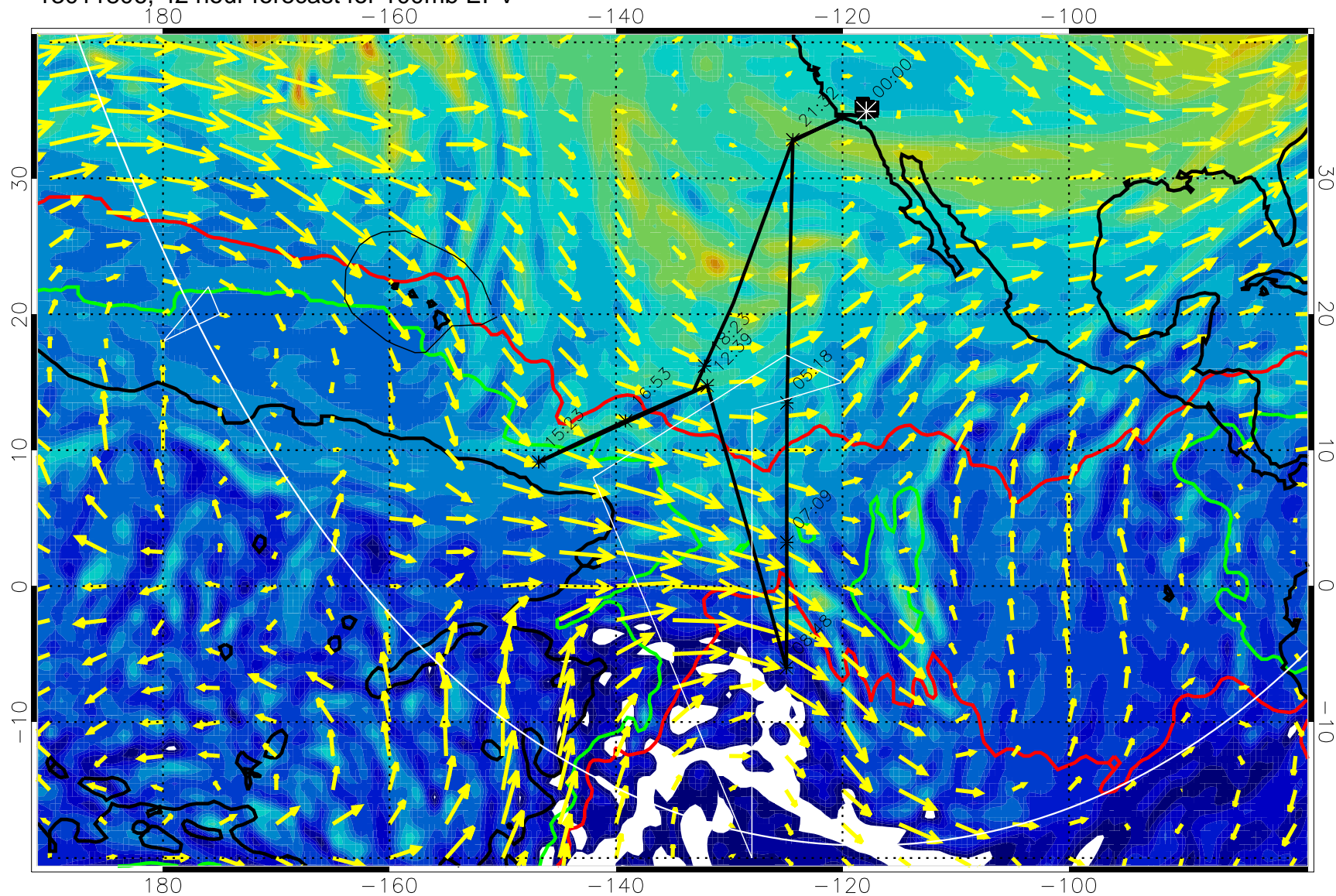


190K Isotherm    192.5K Isotherm    195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13011806, 42 hour forecast for 100mb EPV



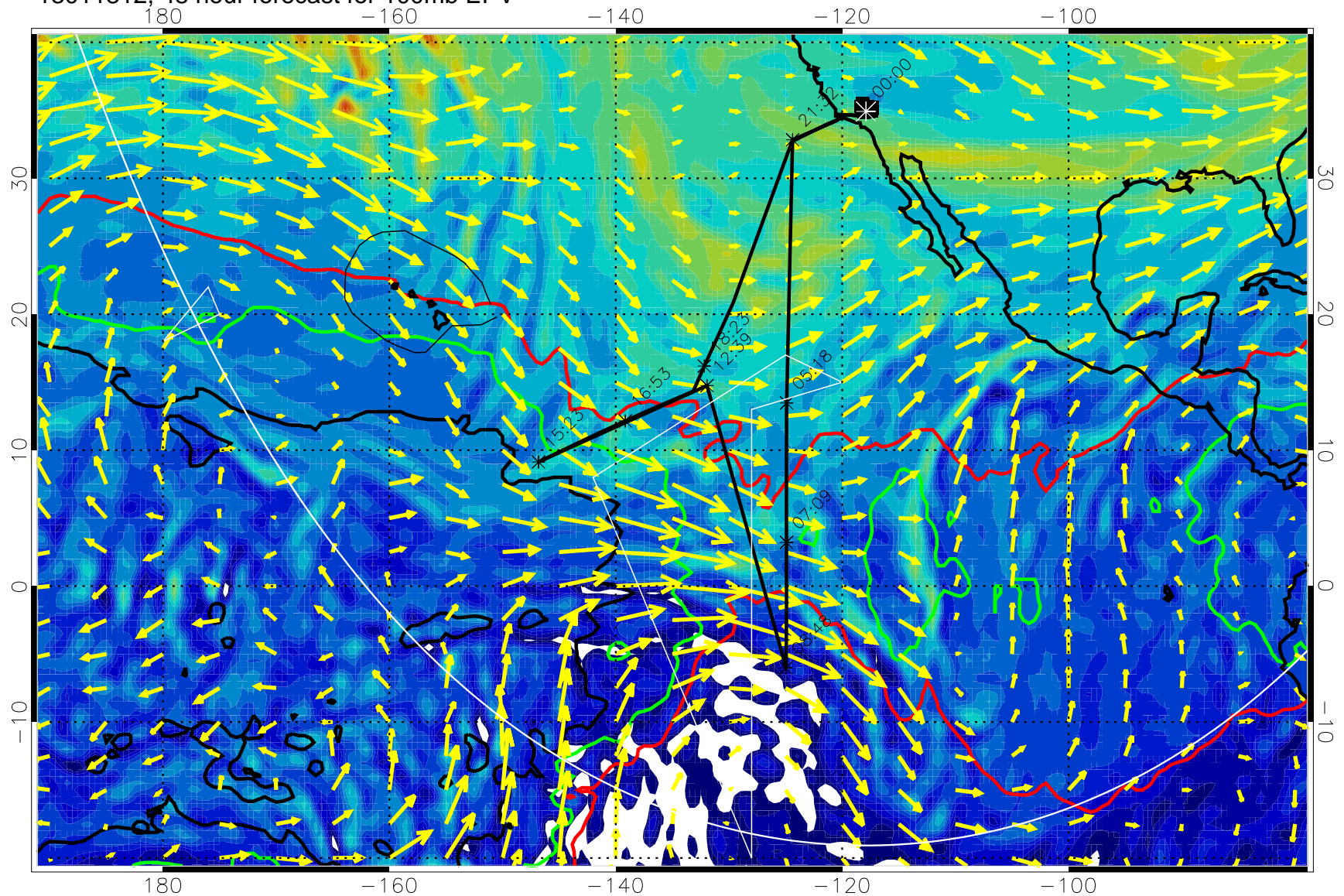
$-5.0 \cdot 10^{-6}$     0     $5.0 \cdot 10^{-6}$      $1.0 \cdot 10^{-5}$      $1.5 \cdot 10^{-5}$      $2.0 \cdot 10^{-5}$   
PVU

190K Isotherm    192.5K Isotherm    195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13011812, 48 hour forecast for 100mb EPV



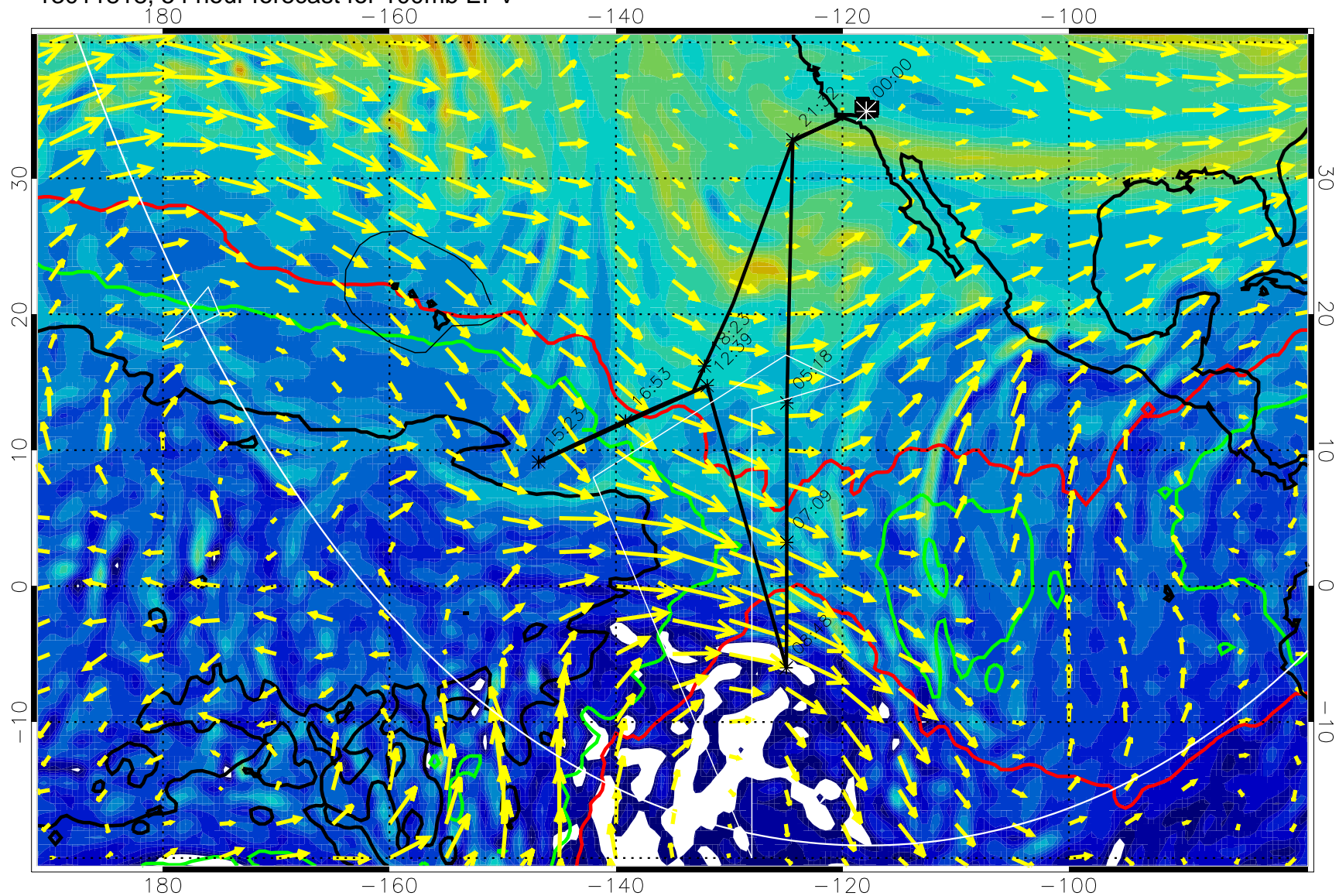
190K Isotherm    192.5K Isotherm    195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip



13011818, 54 hour forecast for 100mb EPV

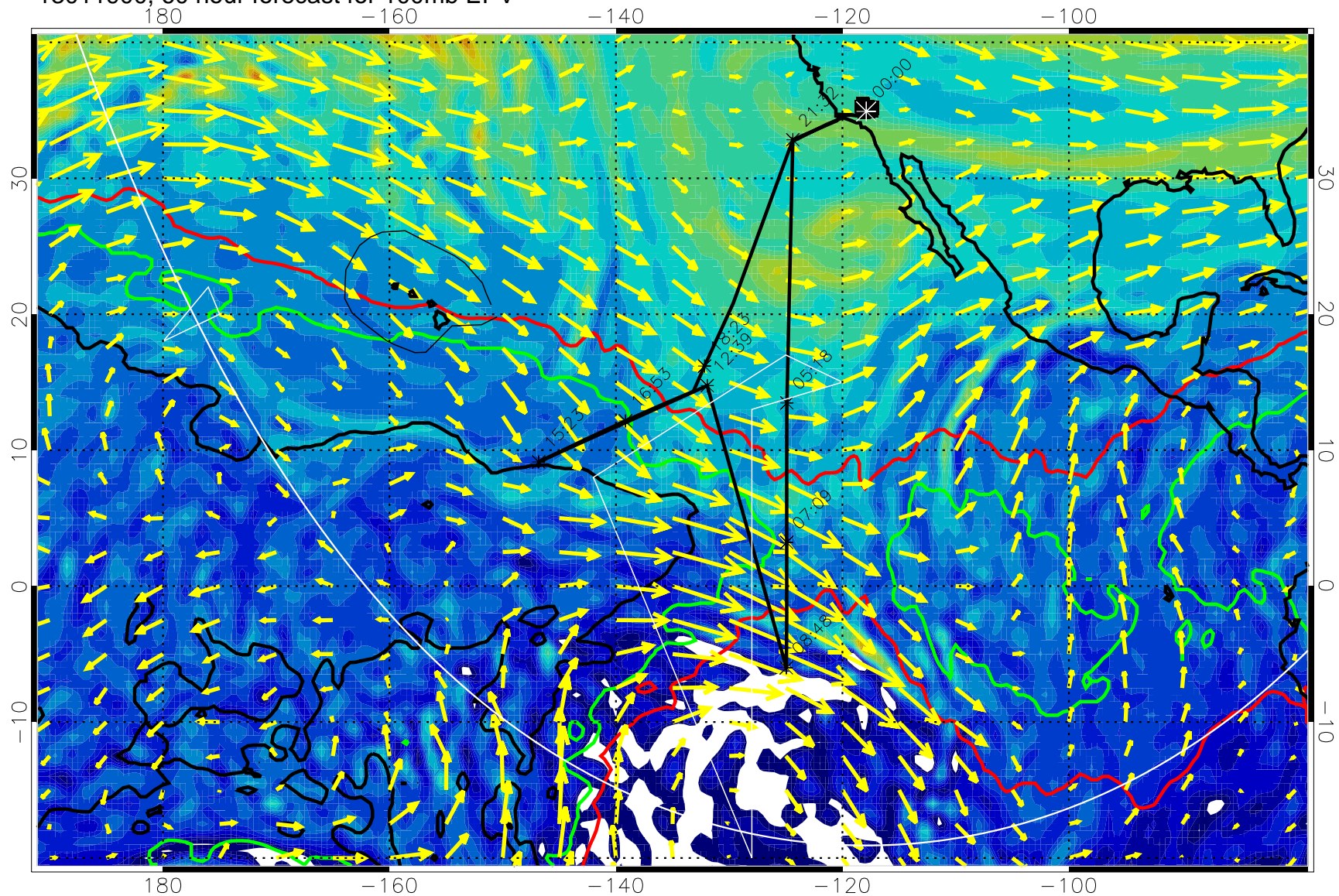


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13011900, 60 hour forecast for 100mb EPV



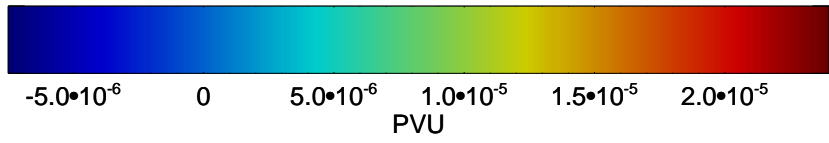
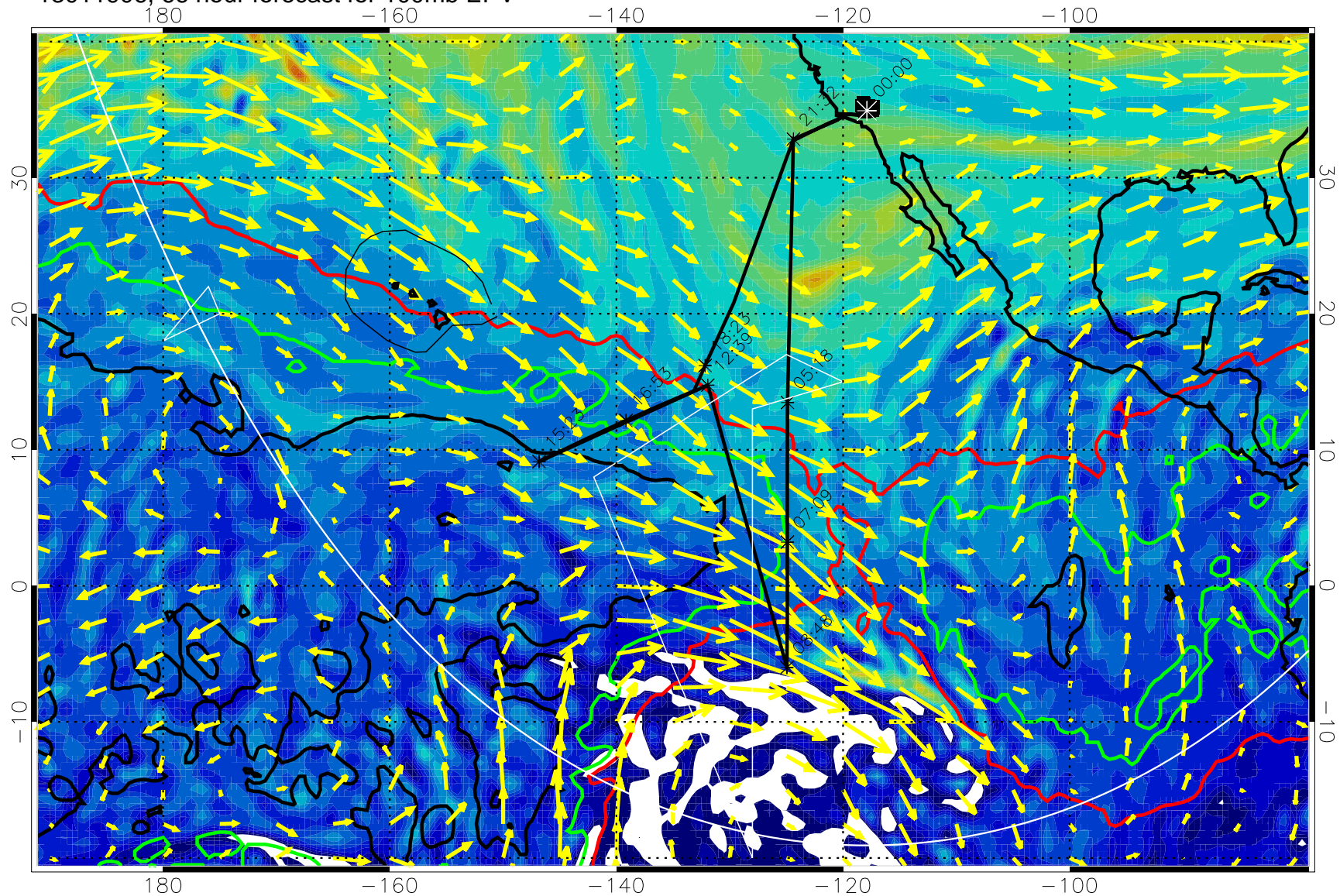
$-5.0 \cdot 10^{-6}$  0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   $2.0 \cdot 10^{-5}$   
PVU

190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13011906, 66 hour forecast for 100mb EPV

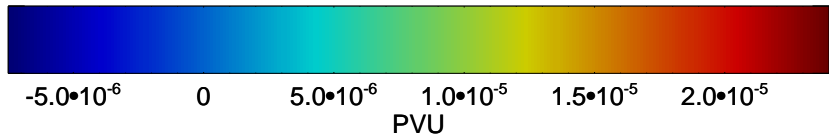
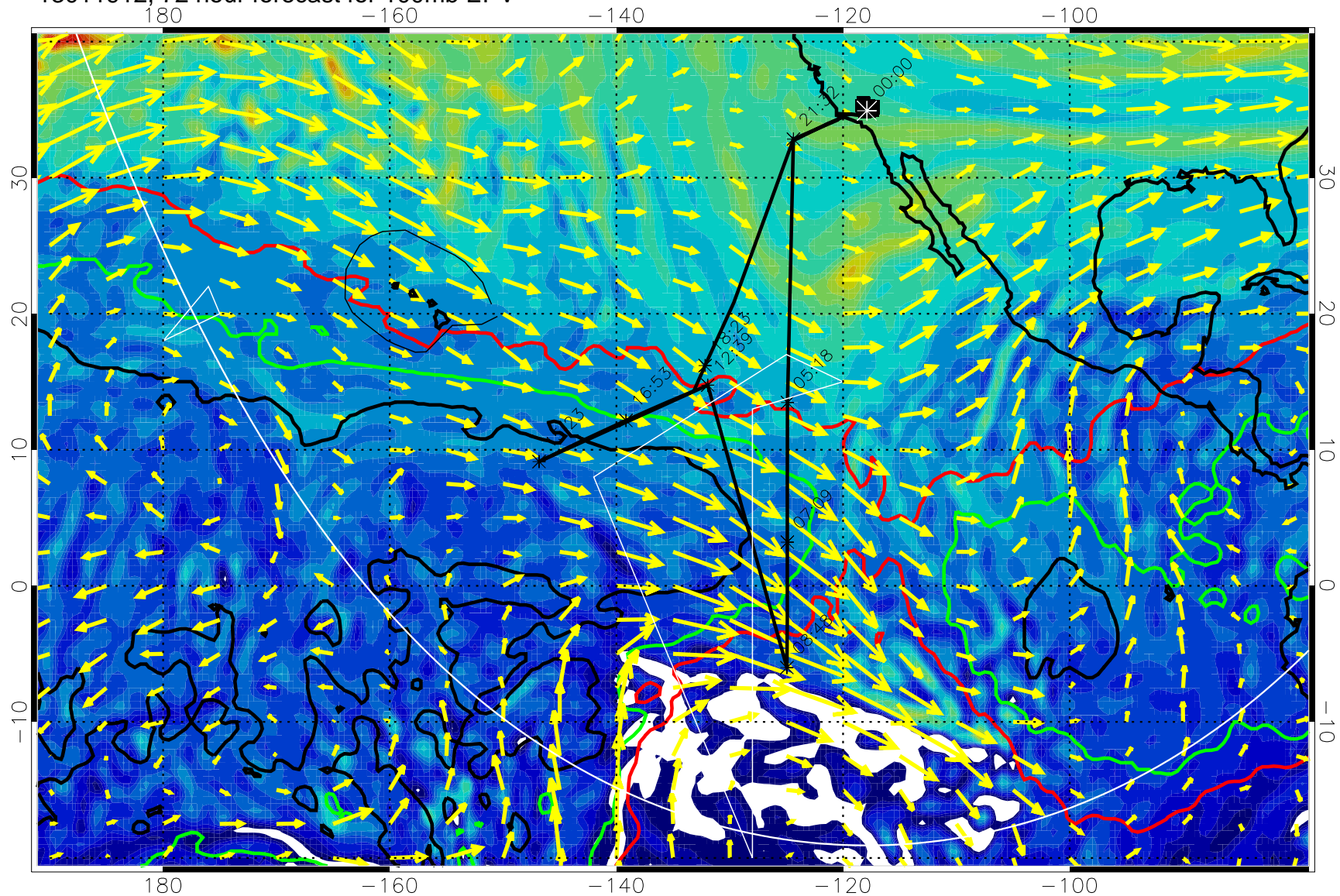


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13011912, 72 hour forecast for 100mb EPV

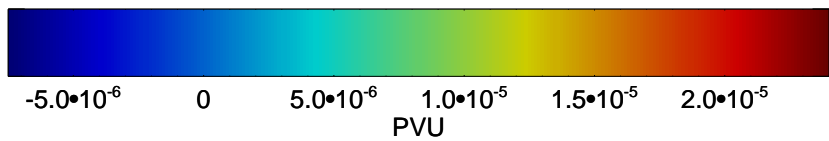
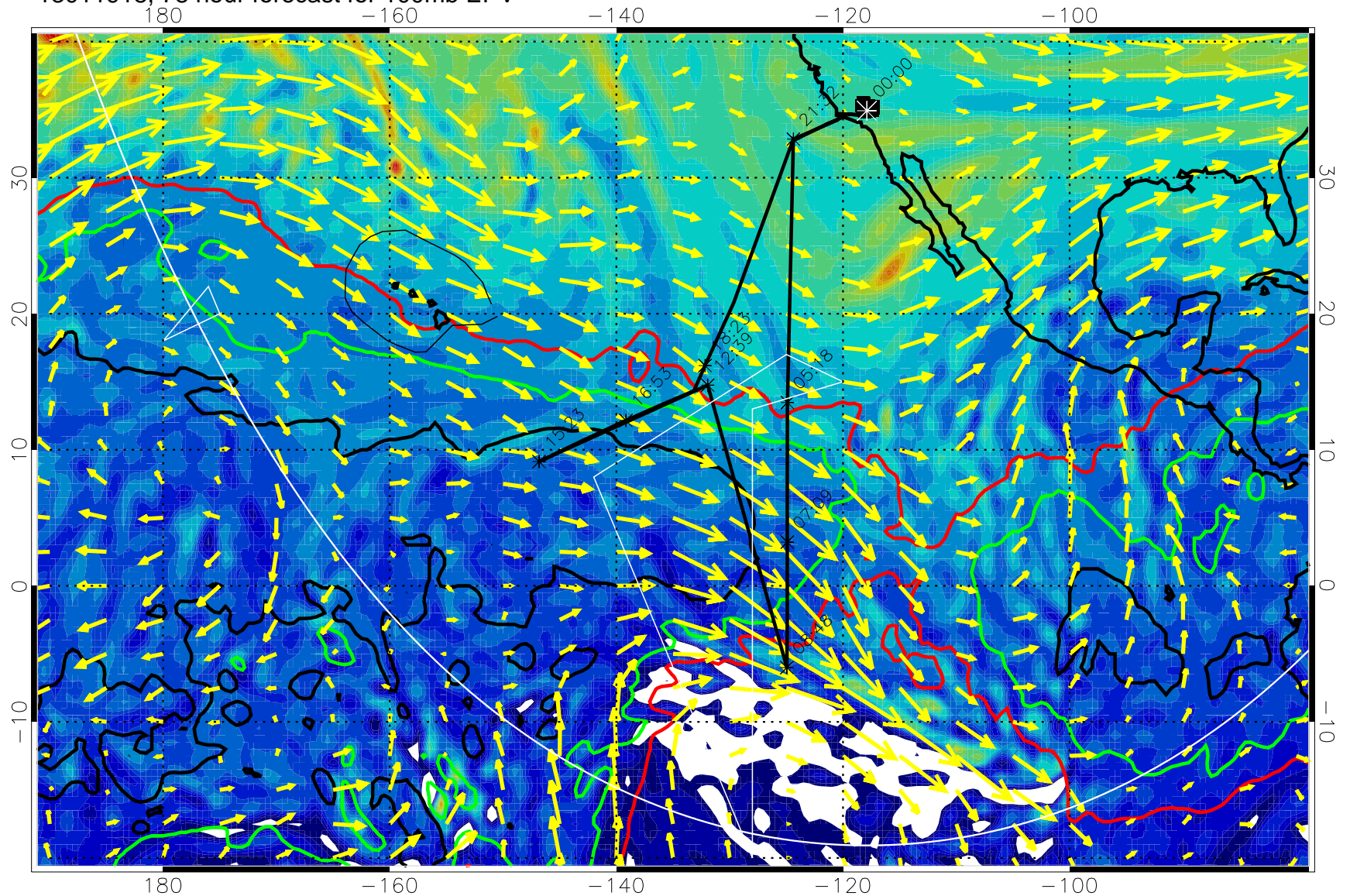


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13011918, 78 hour forecast for 100mb EPV

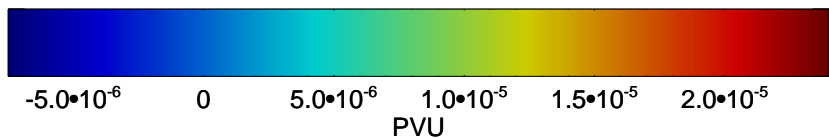
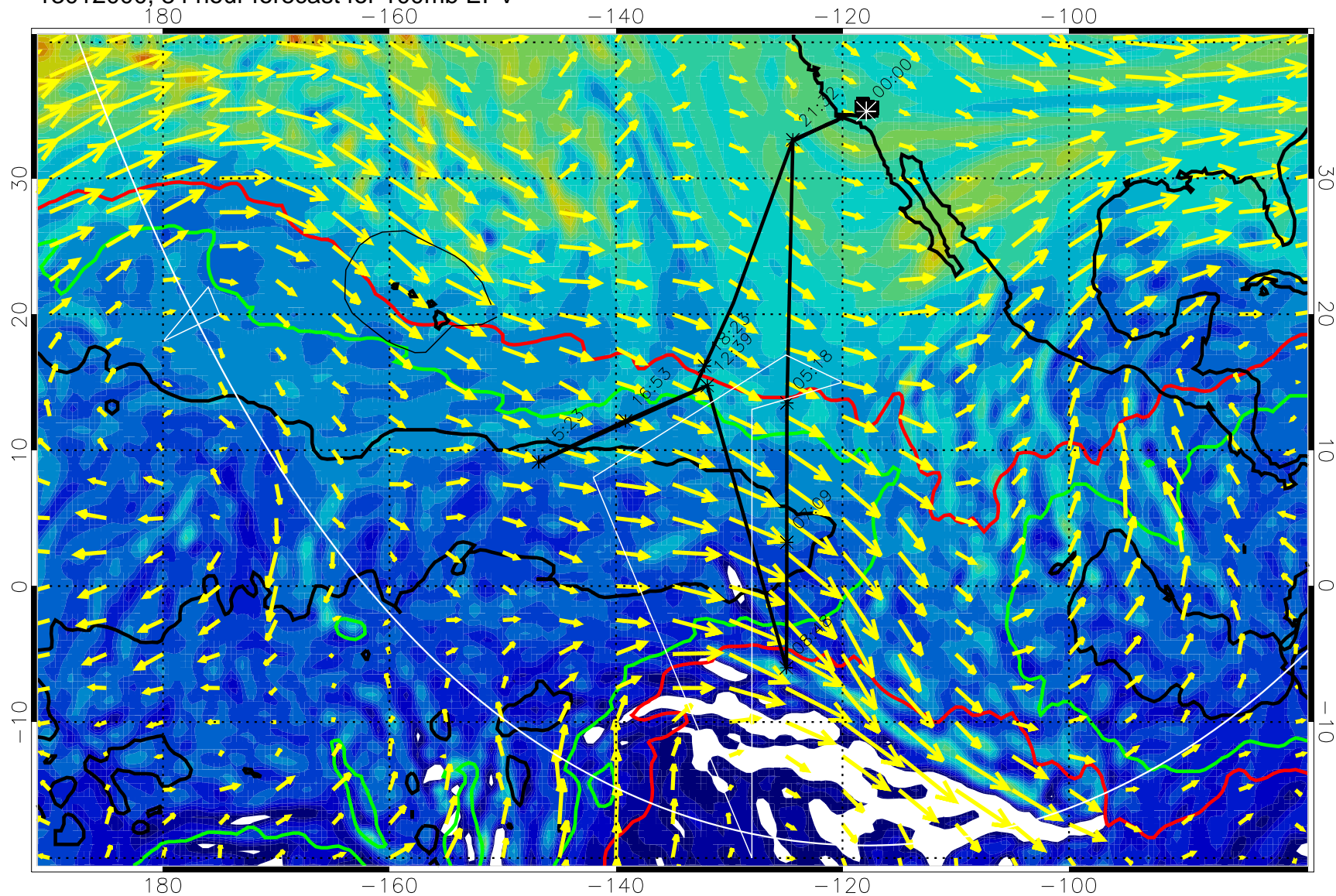


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012000, 84 hour forecast for 100mb EPV

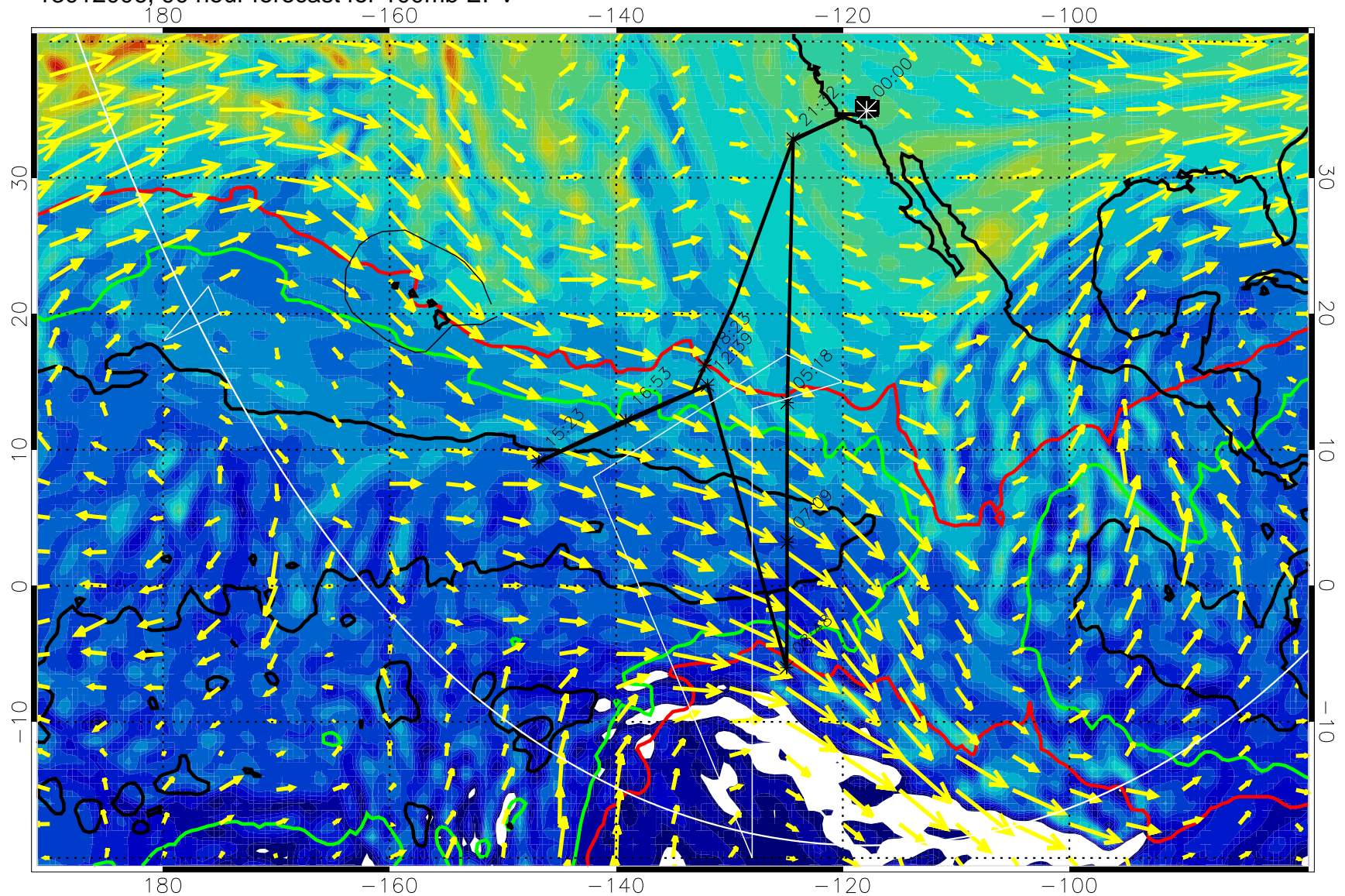


190K Isotherm    192.5K Isotherm    195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012006, 90 hour forecast for 100mb EPV



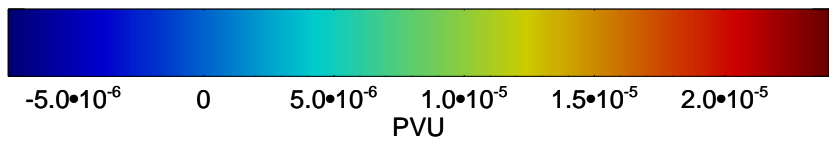
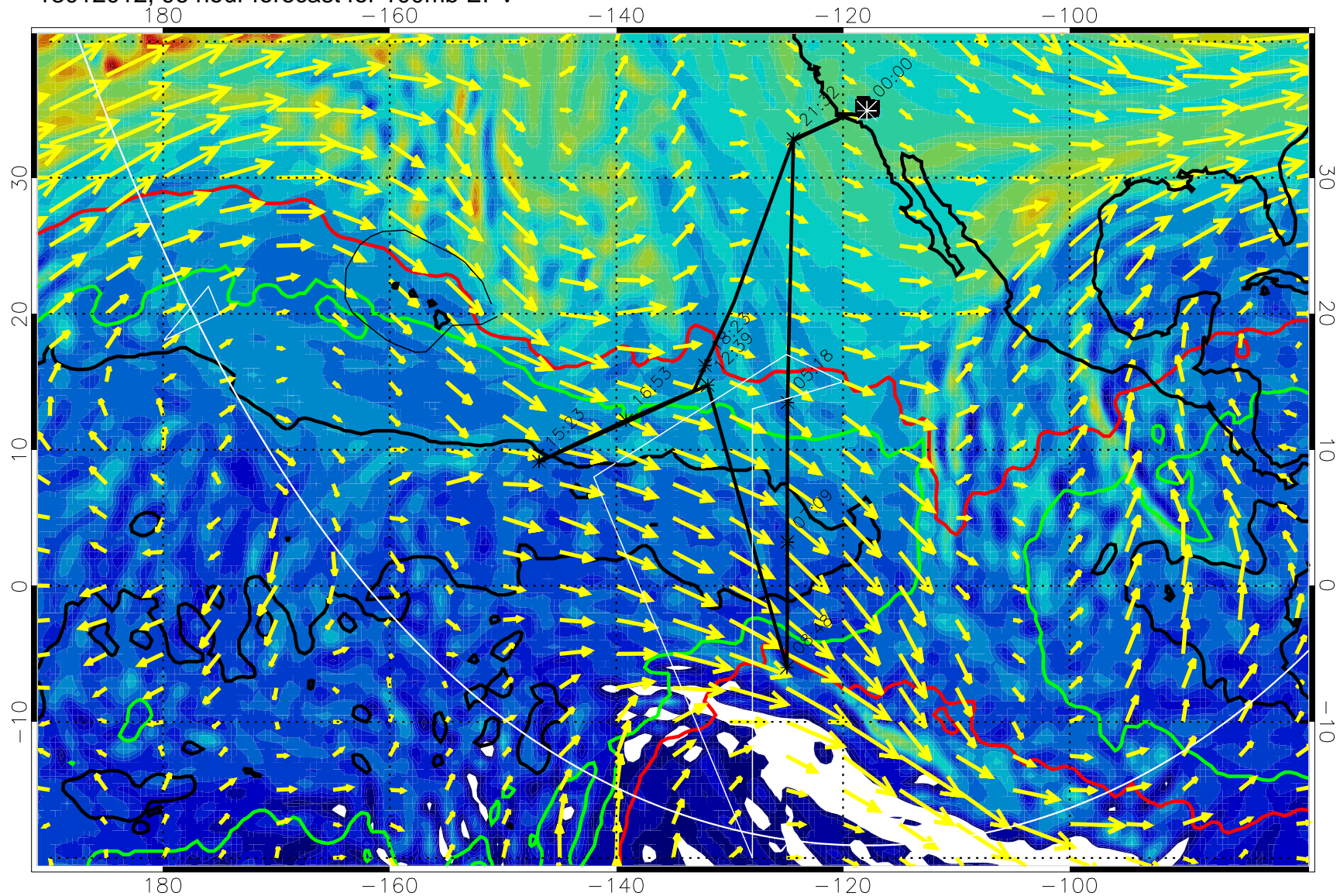
$-5.0 \cdot 10^{-6}$     0     $5.0 \cdot 10^{-6}$      $1.0 \cdot 10^{-5}$      $1.5 \cdot 10^{-5}$      $2.0 \cdot 10^{-5}$   
PVU

190K Isotherm    192.5K Isotherm    195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012012, 96 hour forecast for 100mb EPV



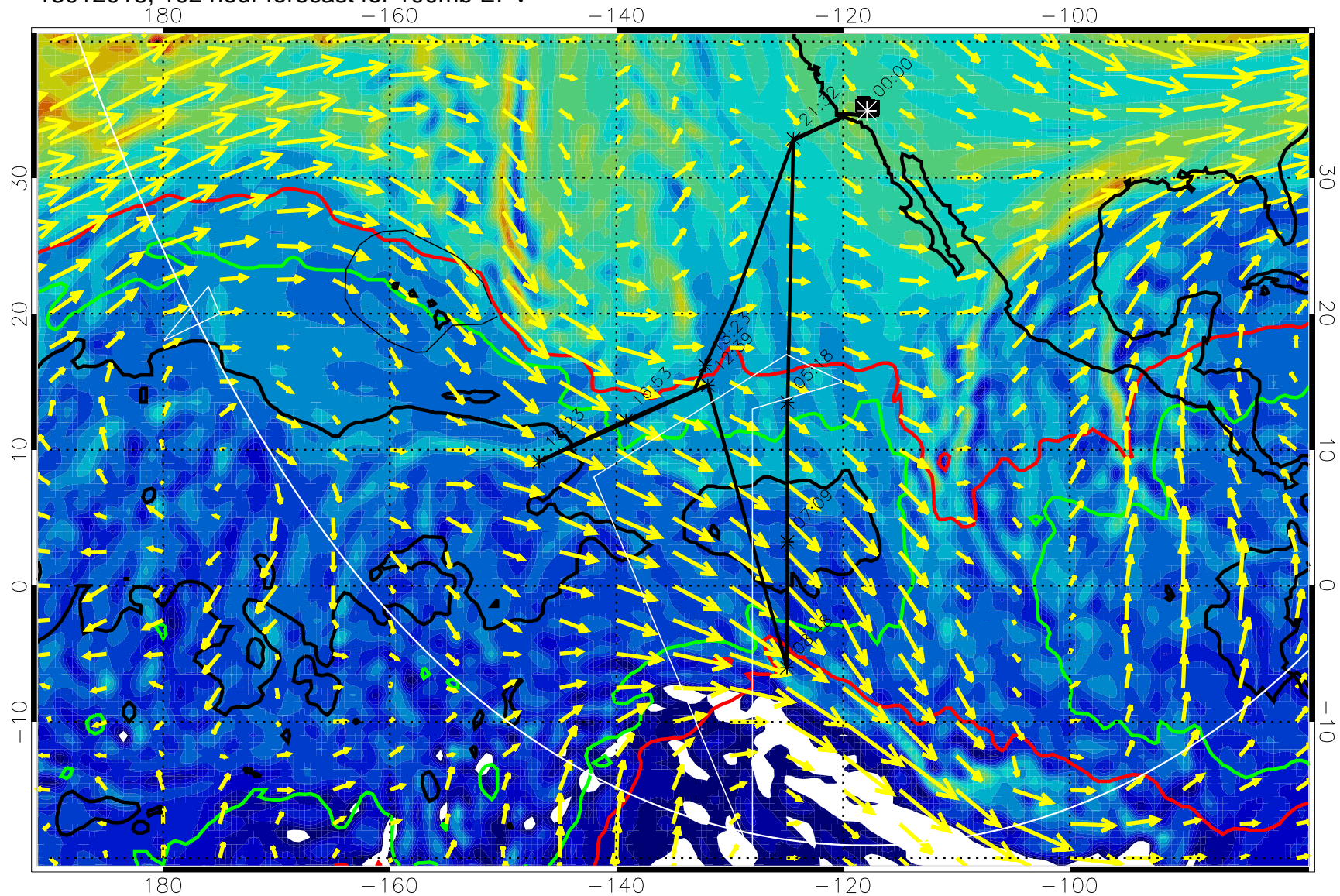
190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip



13012018, 102 hour forecast for 100mb EPV

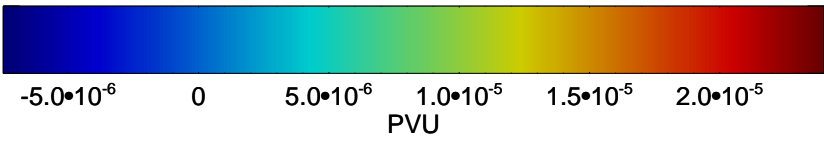
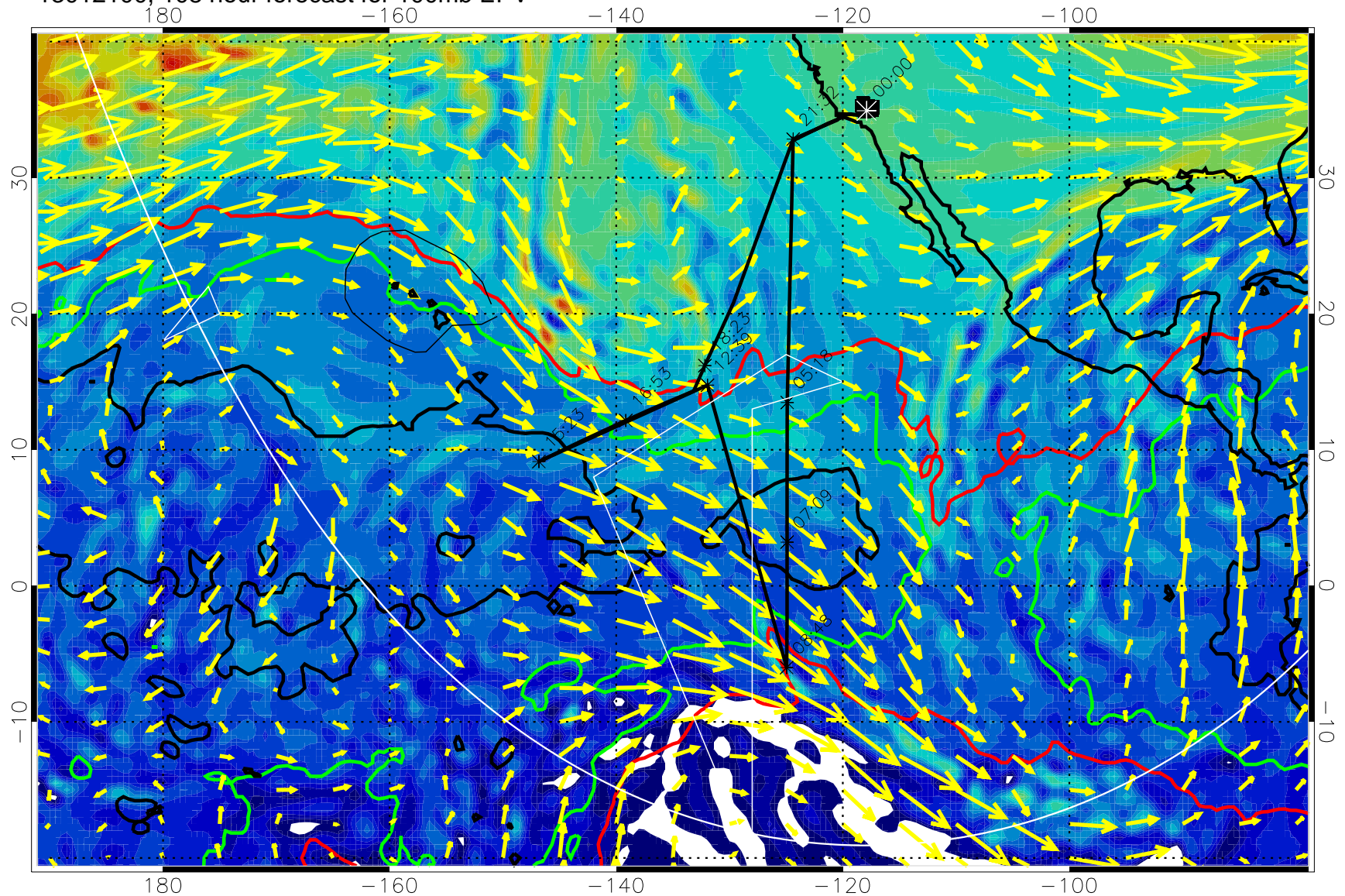


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012100, 108 hour forecast for 100mb EPV

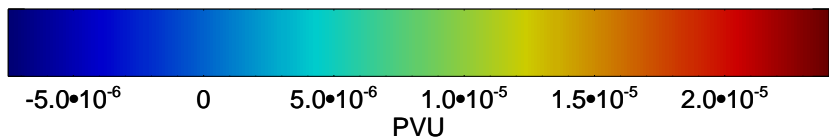
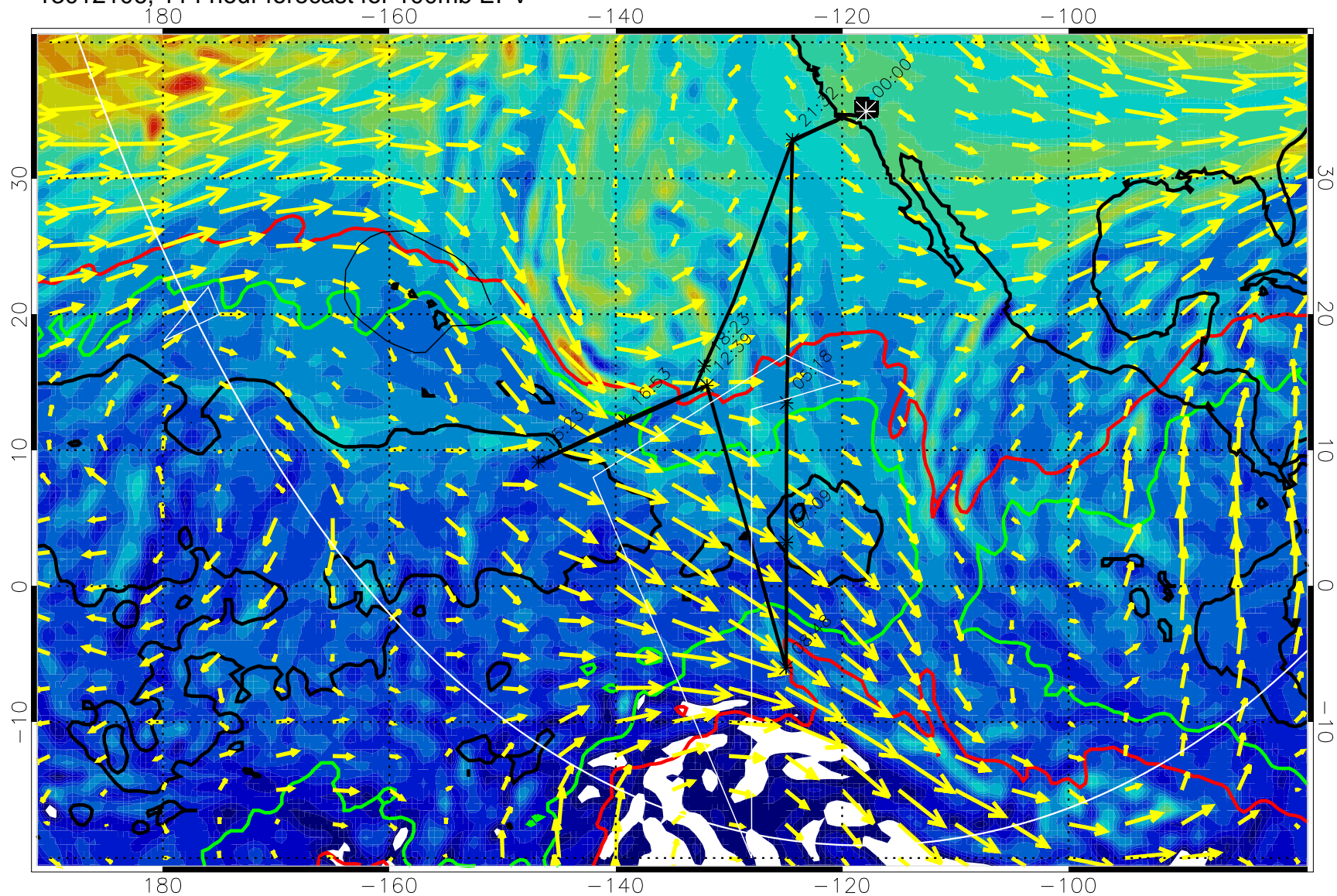


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012106, 114 hour forecast for 100mb EPV

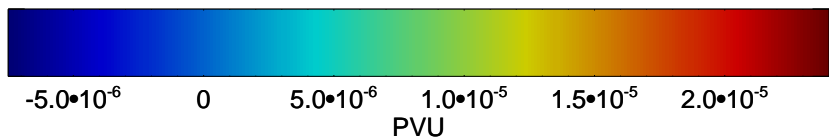
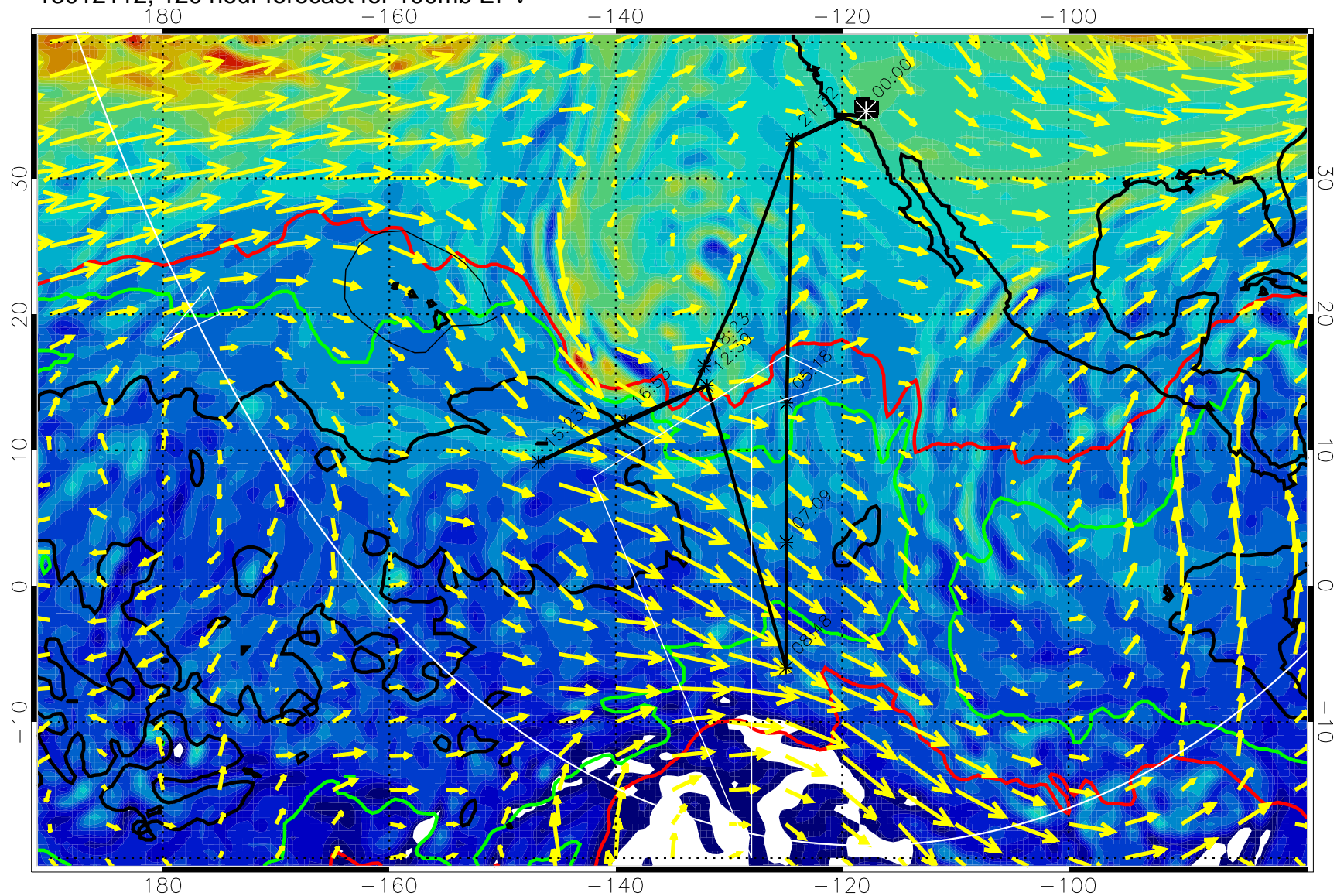


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012112, 120 hour forecast for 100mb EPV



190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip