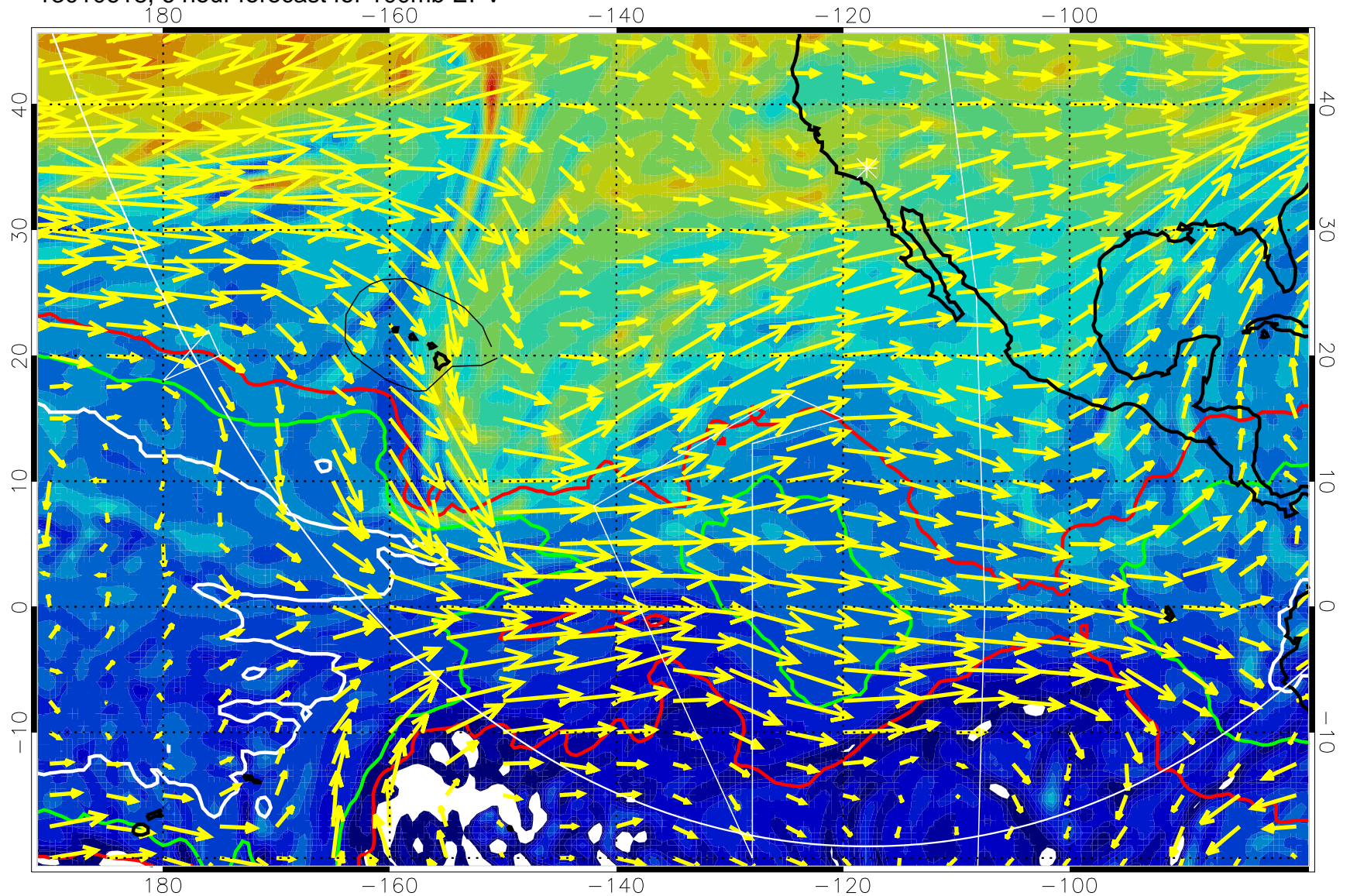


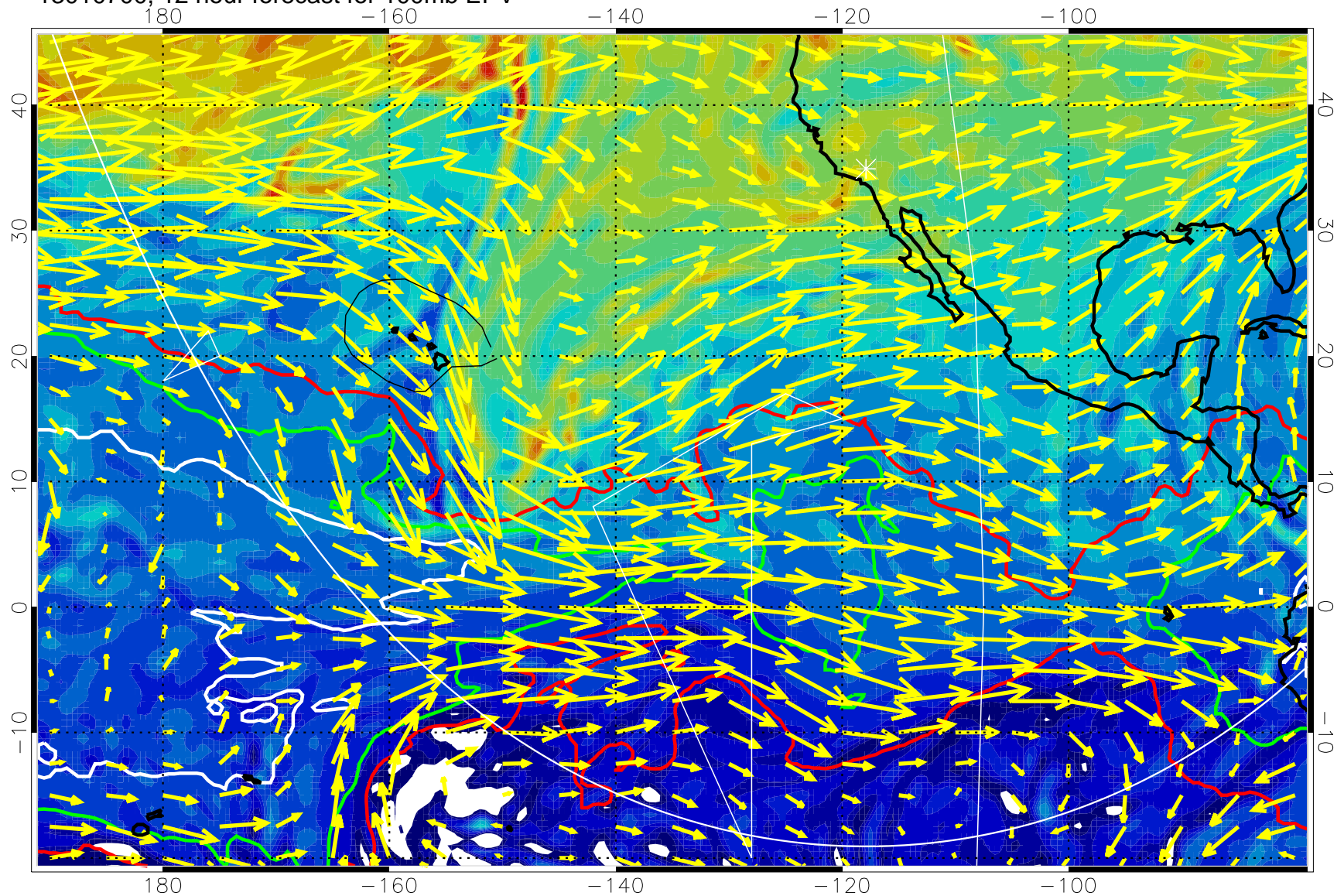
13010618, 6 hour forecast for 100mb EPV



190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s  
Range ring of 6000 km -- 19 hours GH round trip

13010700, 12 hour forecast for 100mb EPV

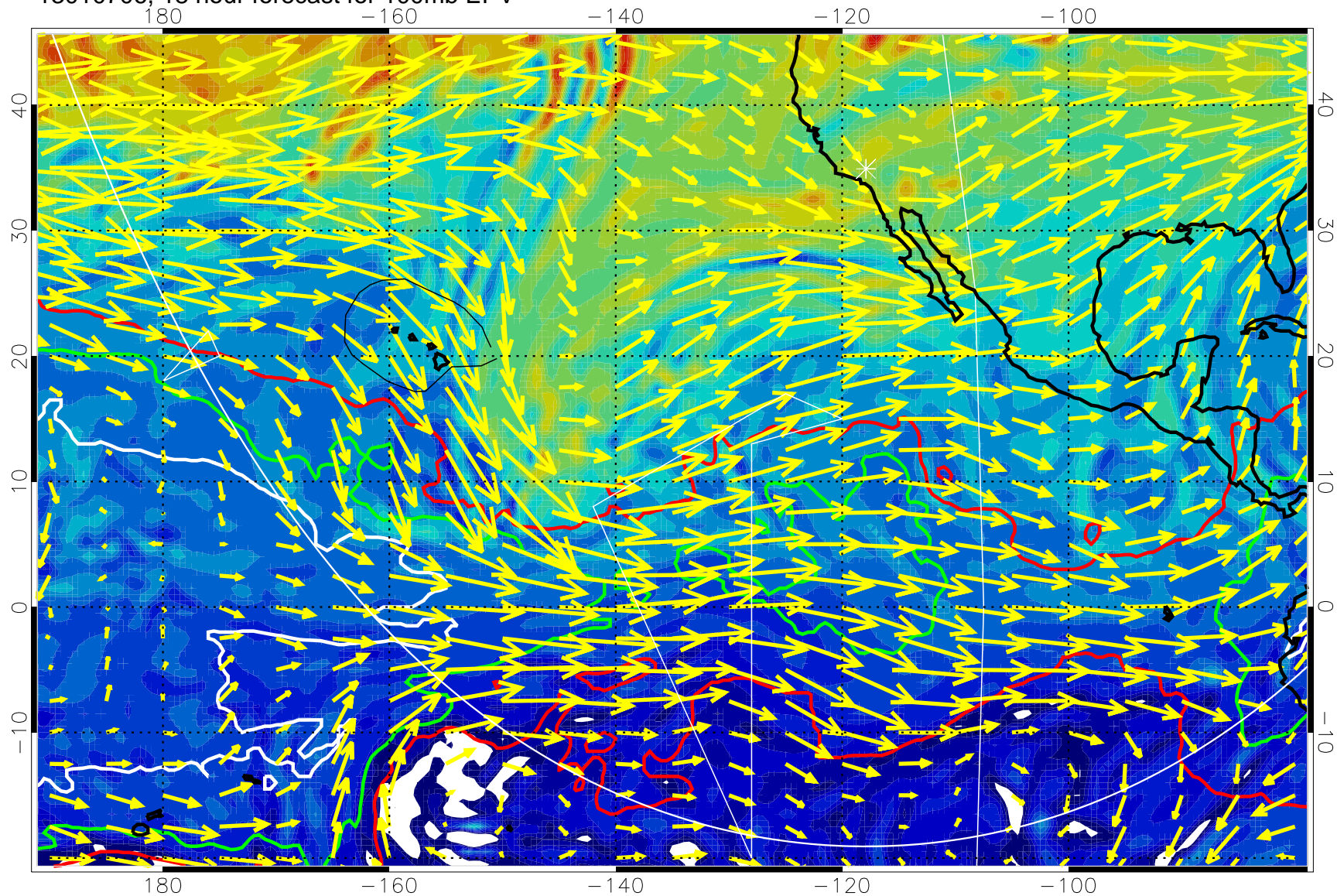


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s  
Range ring of 6000 km -- 19 hours GH round trip



13010706, 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(wht) 192.5K Isotherm 195K Isotherm

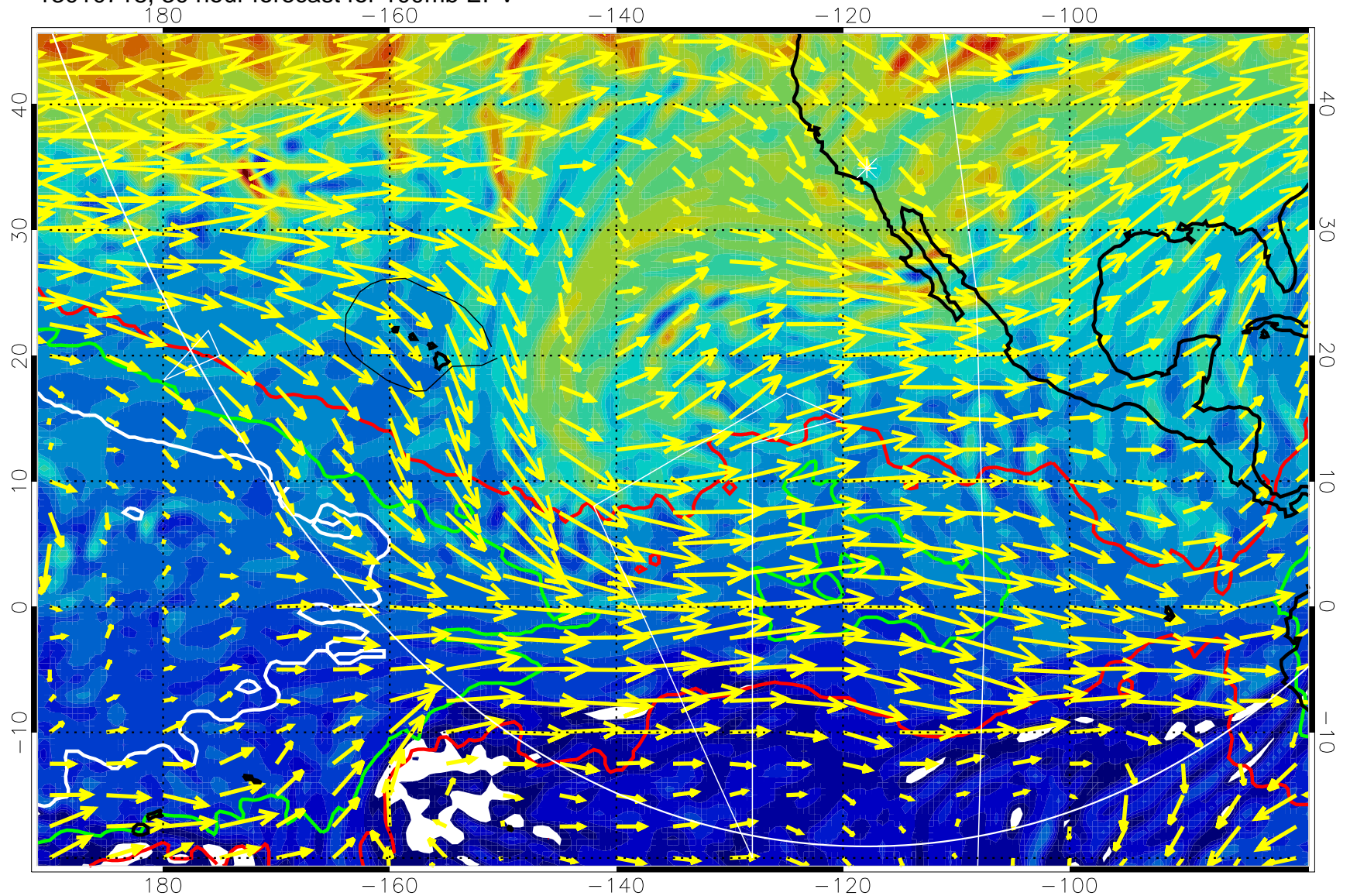
→ 30 m/s

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





13010718, 30 hour forecast for 100mb EPV

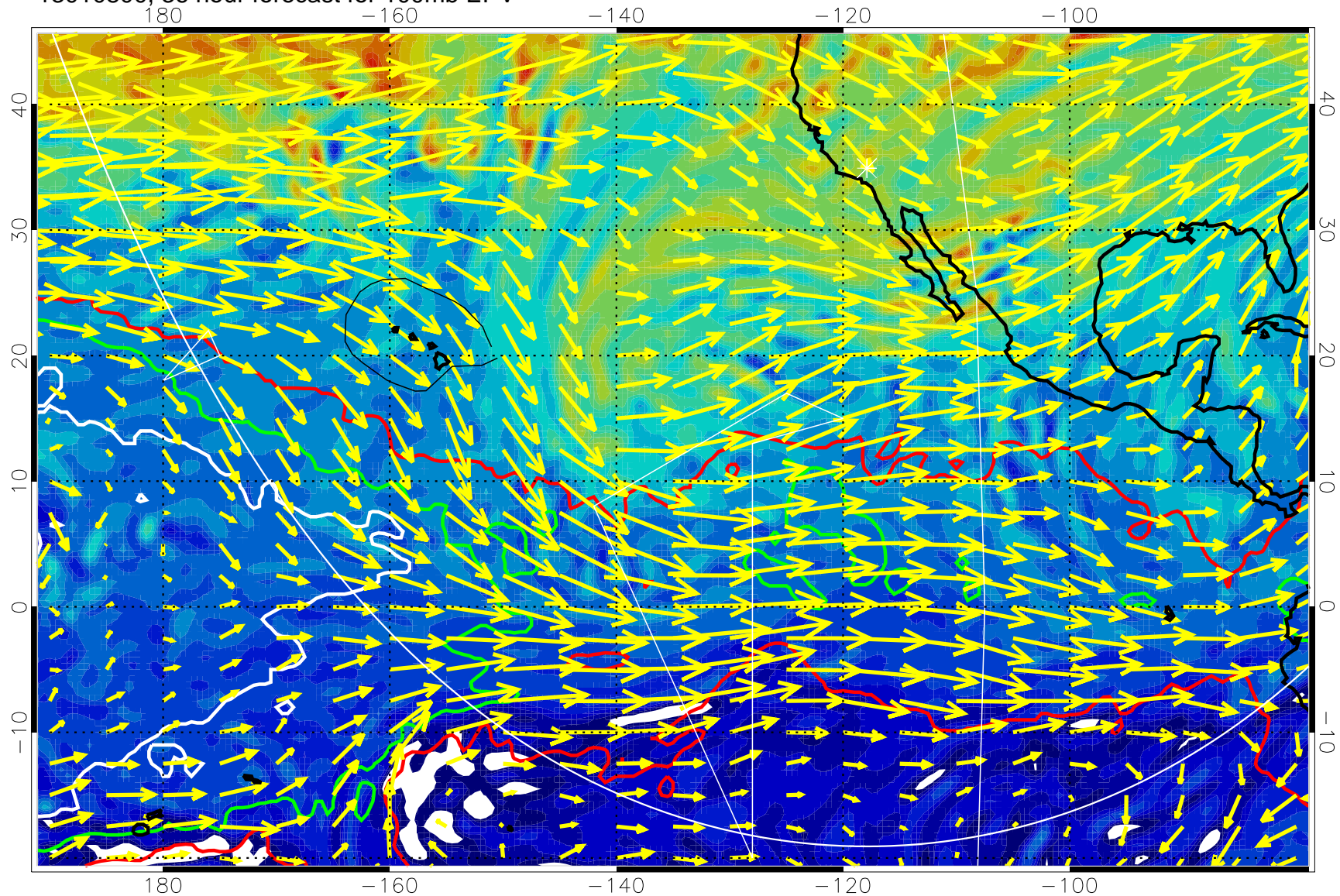


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13010800, 36 hour forecast for 100mb EPV



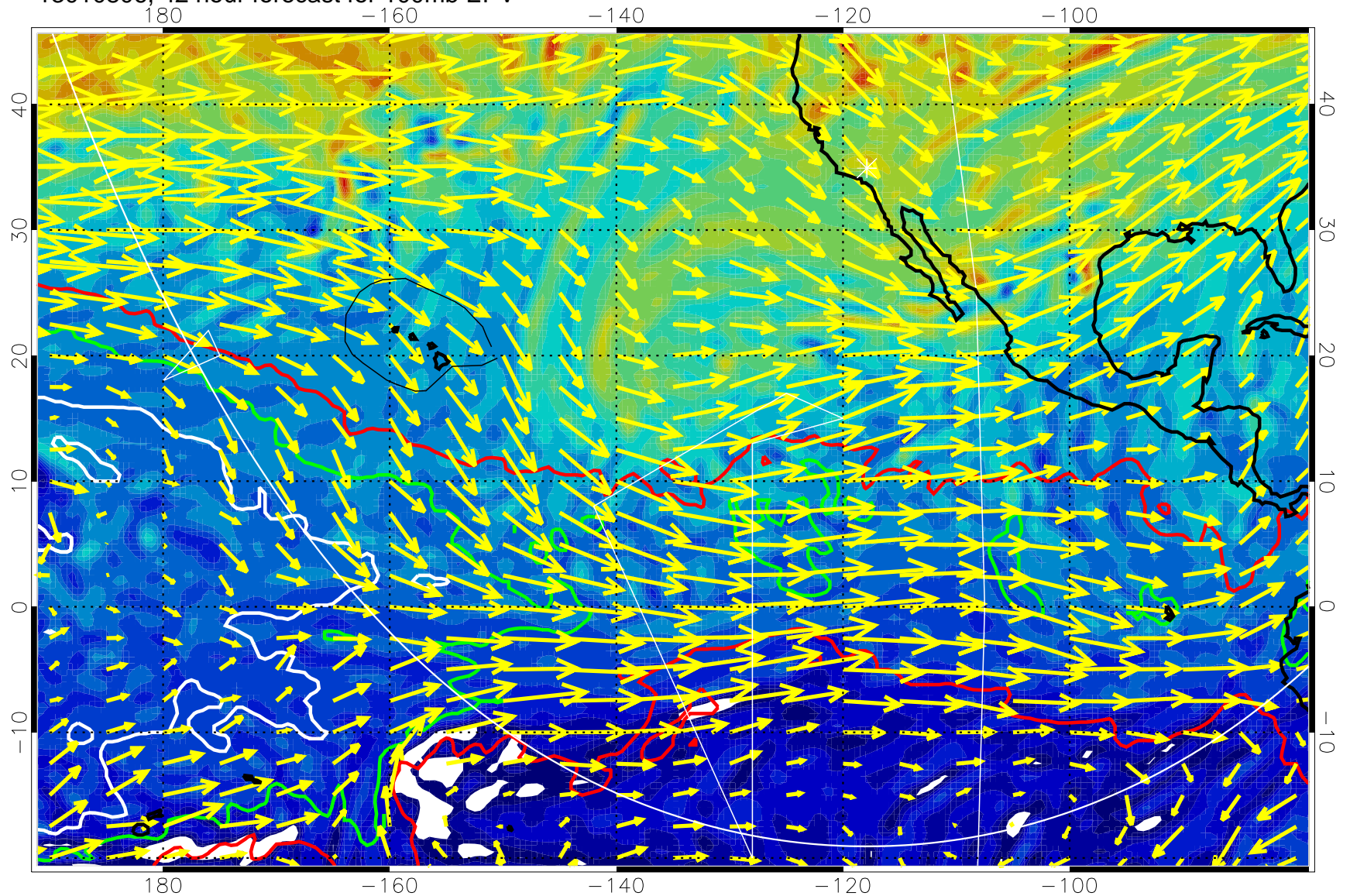
190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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



13010806, 42 hour forecast for 100mb EPV

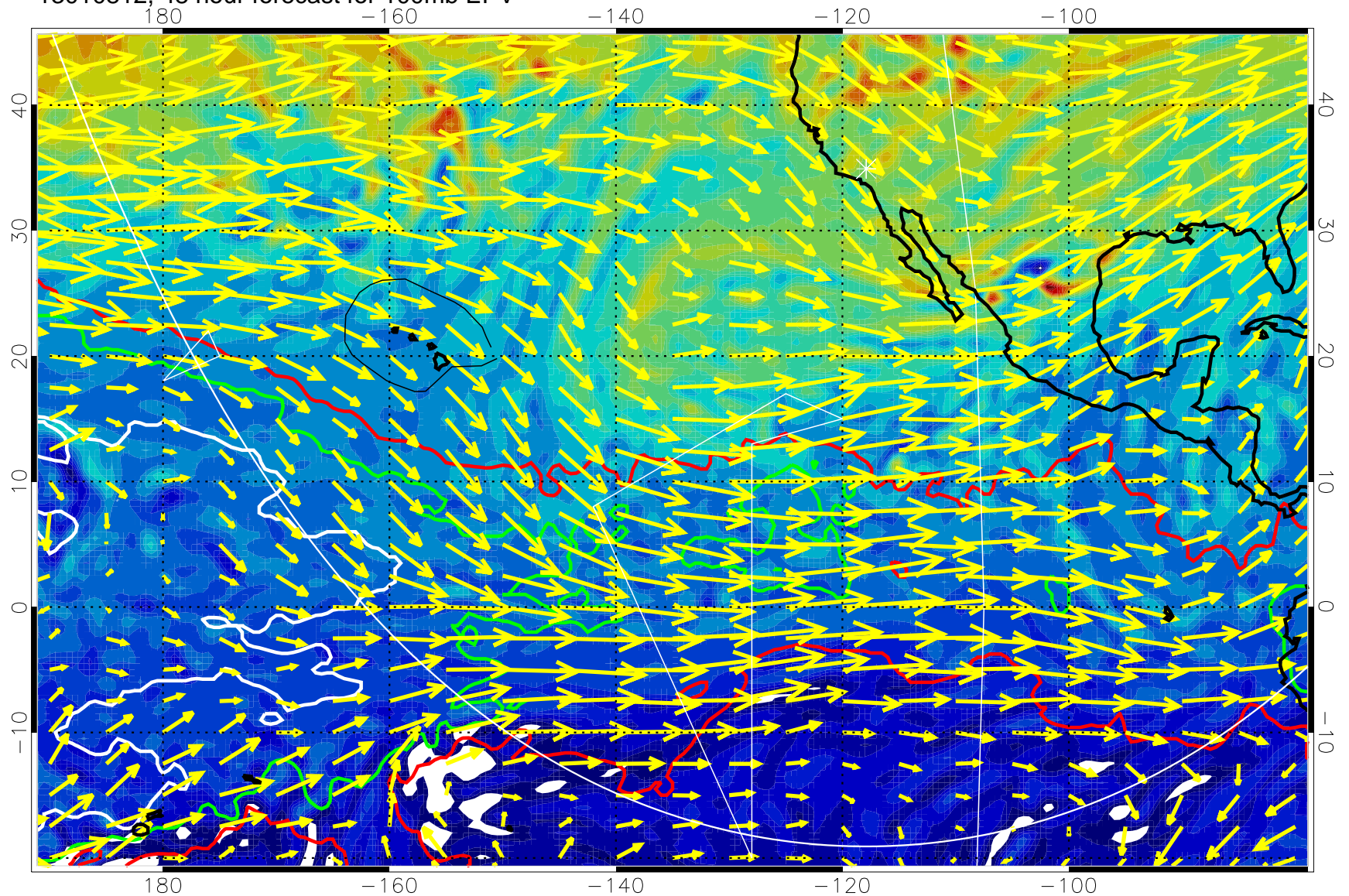


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13010812, 48 hour forecast for 100mb EPV

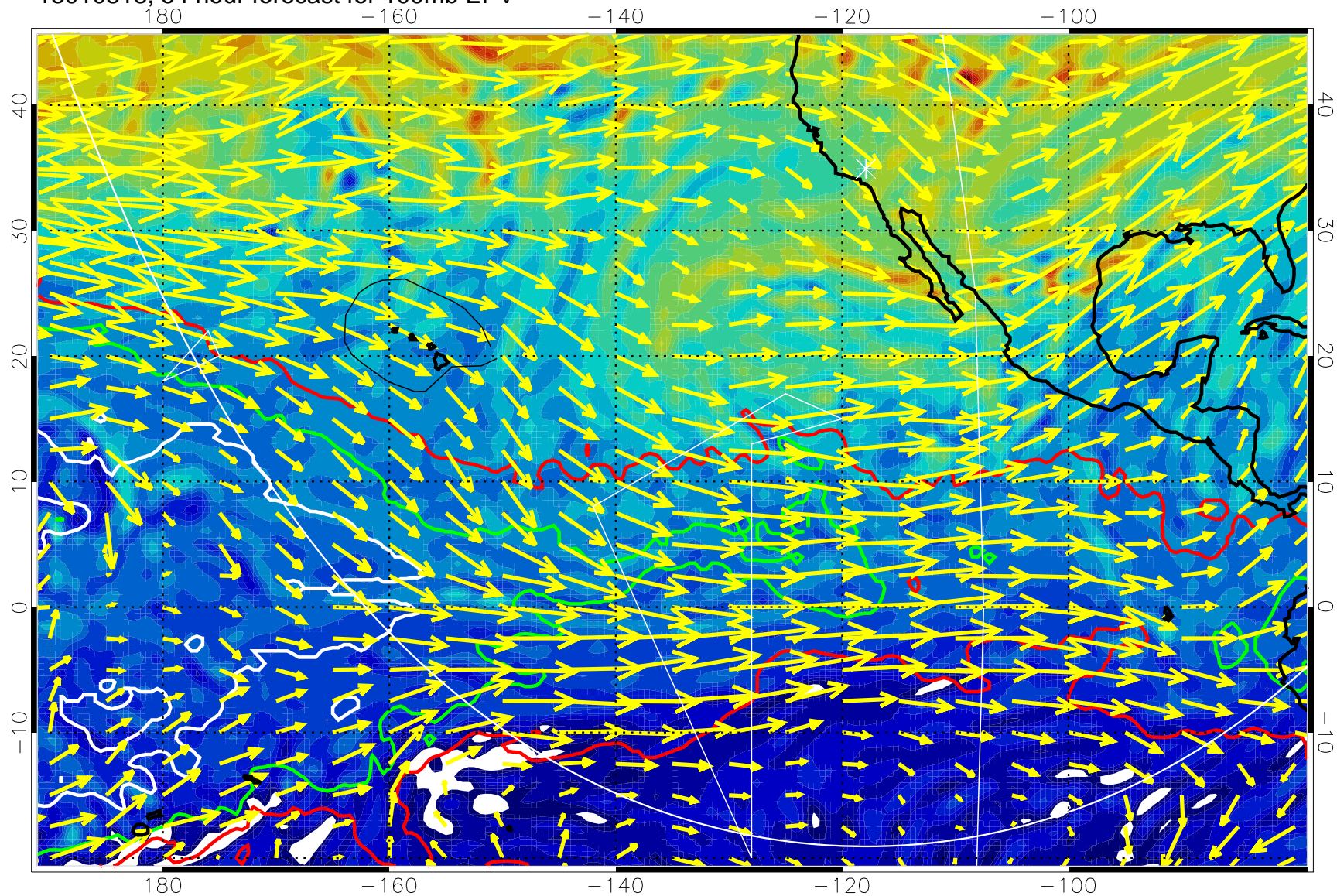


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s  
Range ring of 6000 km -- 19 hours GH round trip



13010818, 54 hour forecast for 100mb EPV

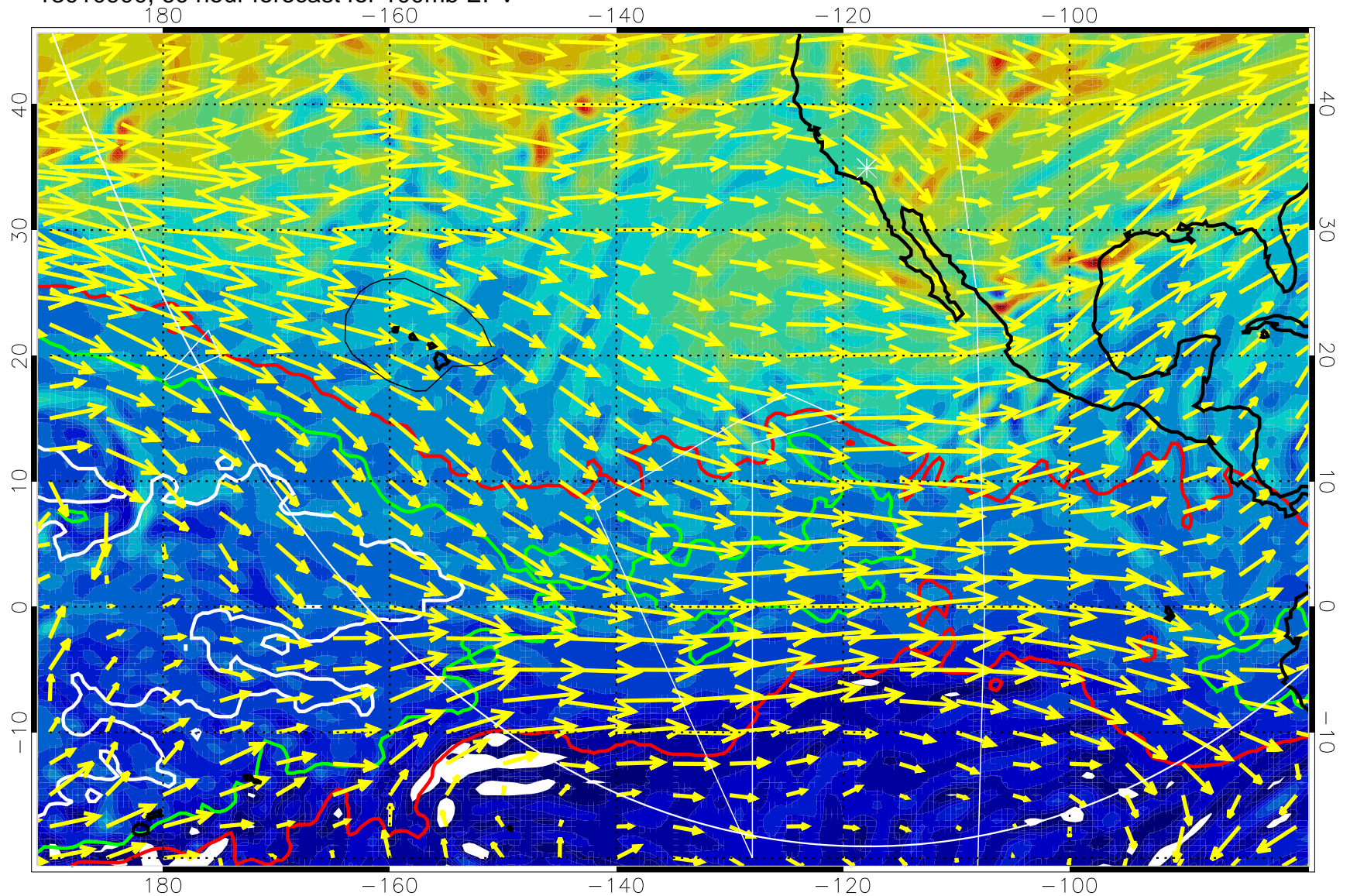


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13010900, 60 hour forecast for 100mb EPV



190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

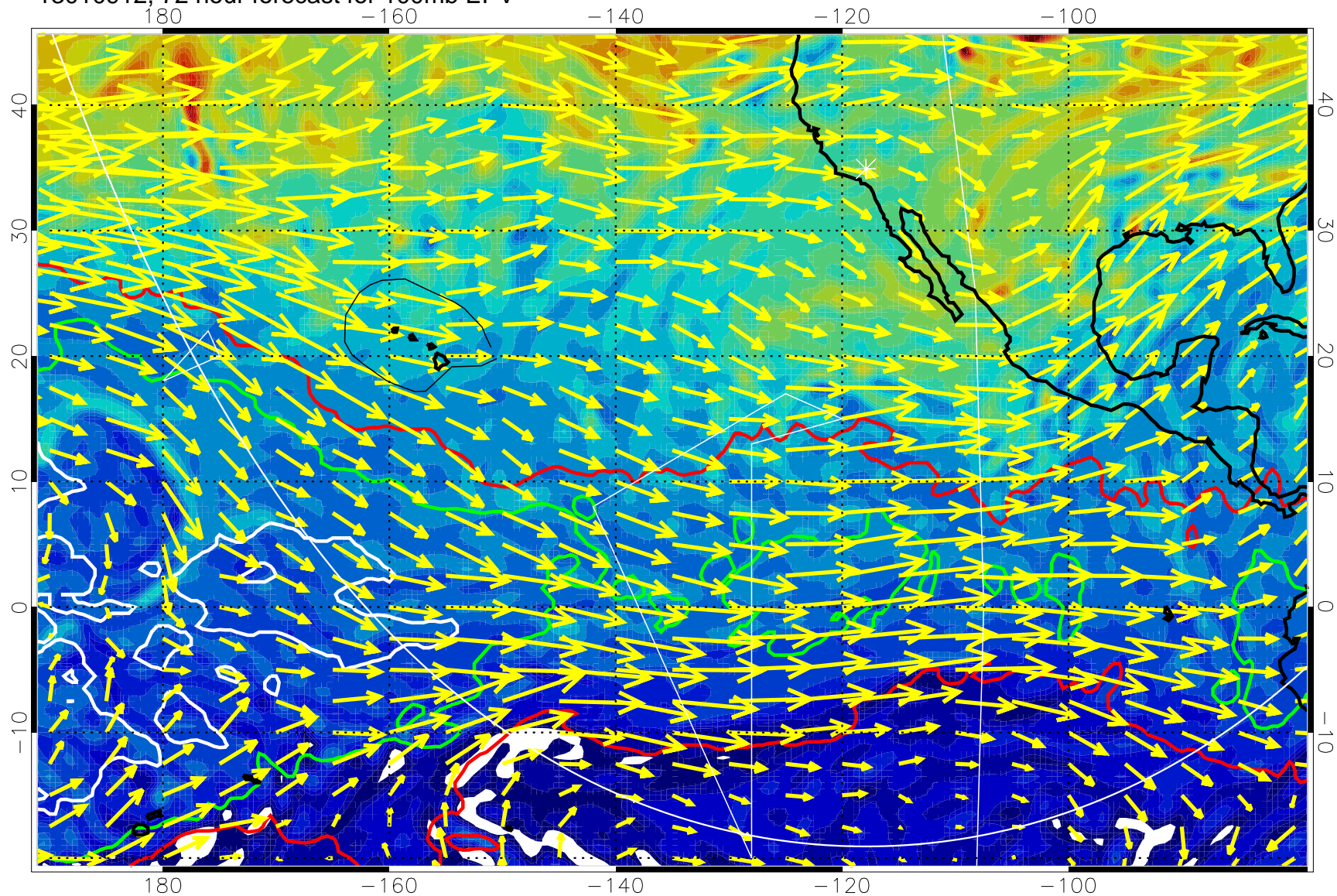
→ 30 m/s

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





13010912, 72 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(wht) 192.5K Isotherm 195K Isotherm

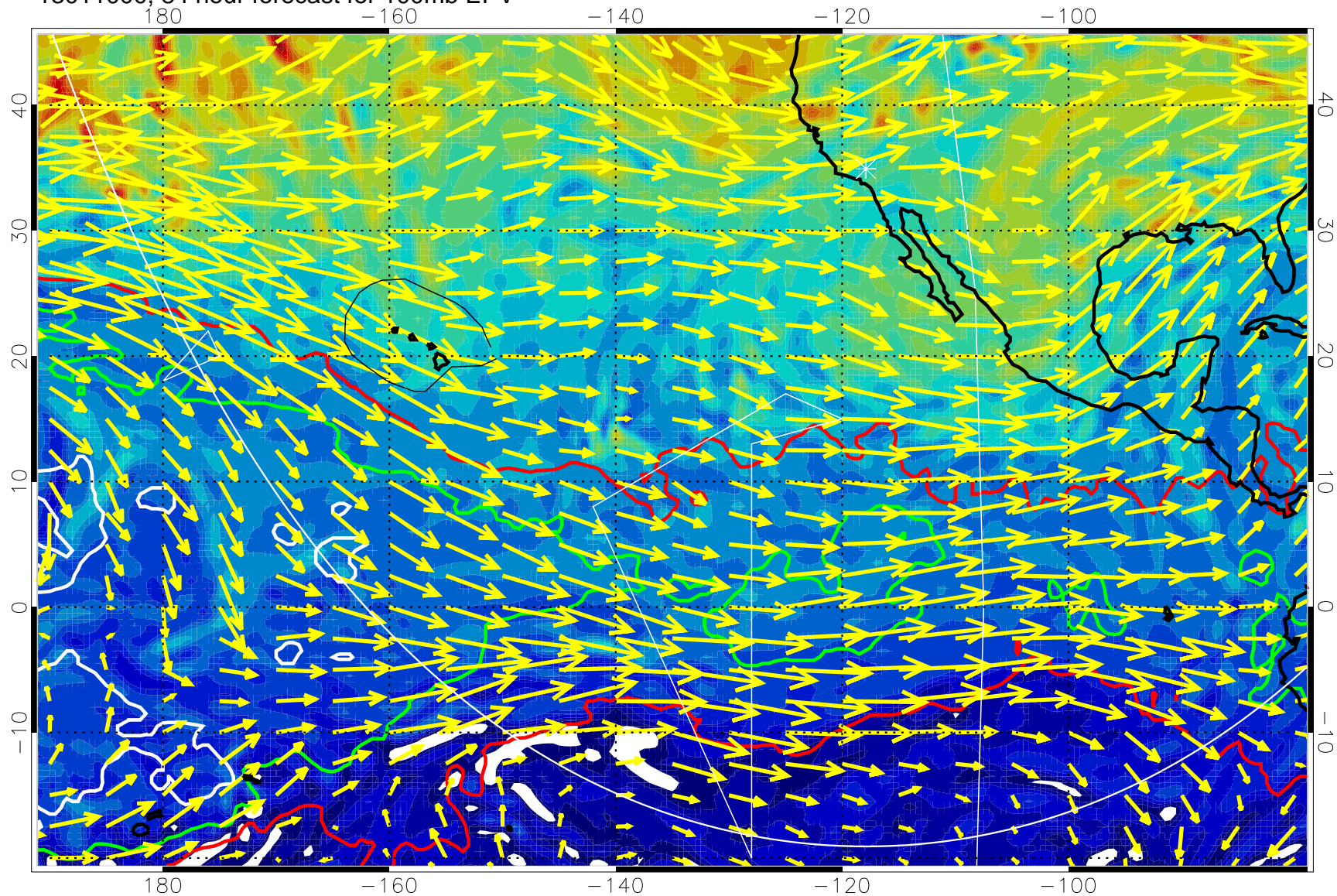
→ 30 m/s

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





13011000, 84 hour forecast for 100mb EPV



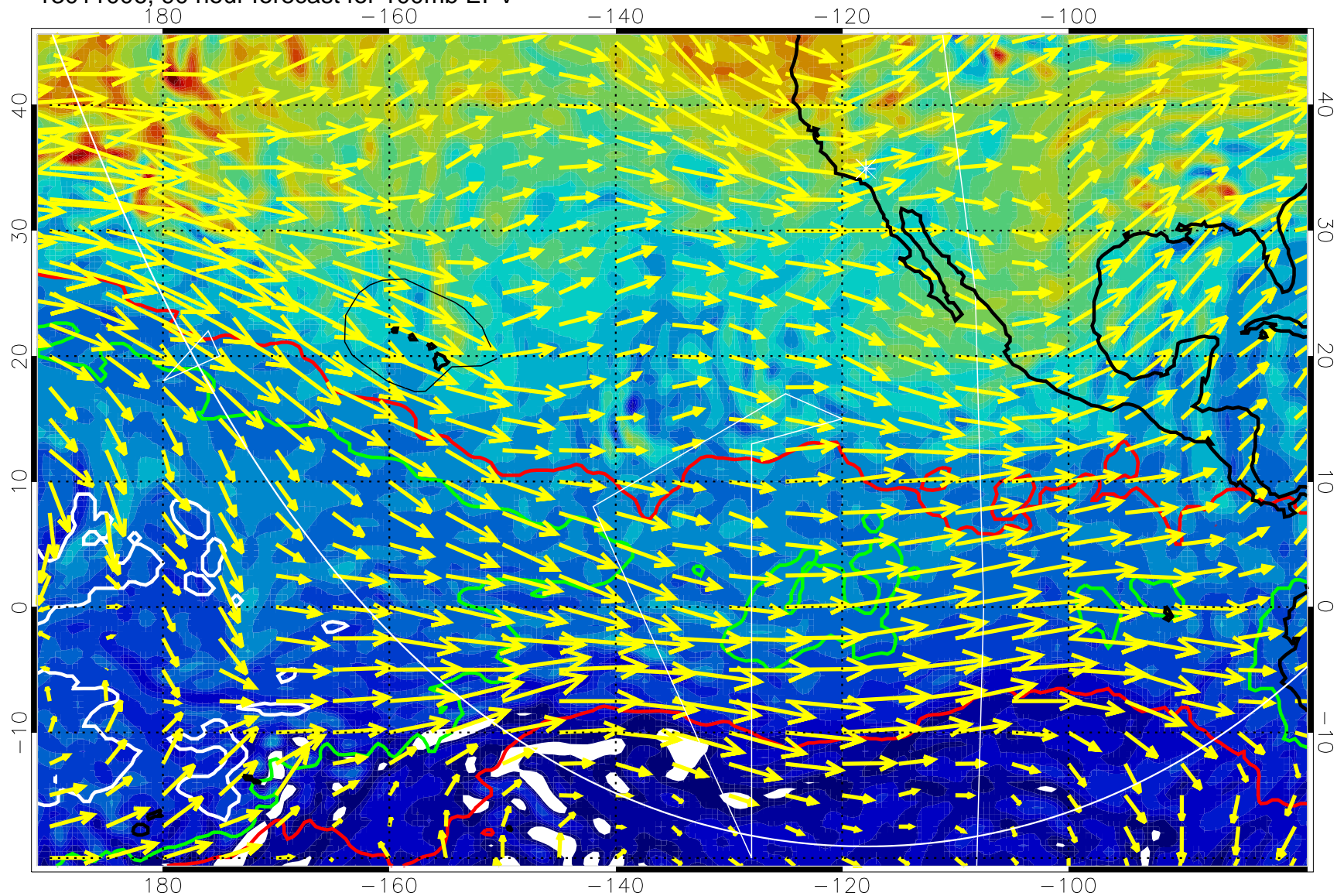
190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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



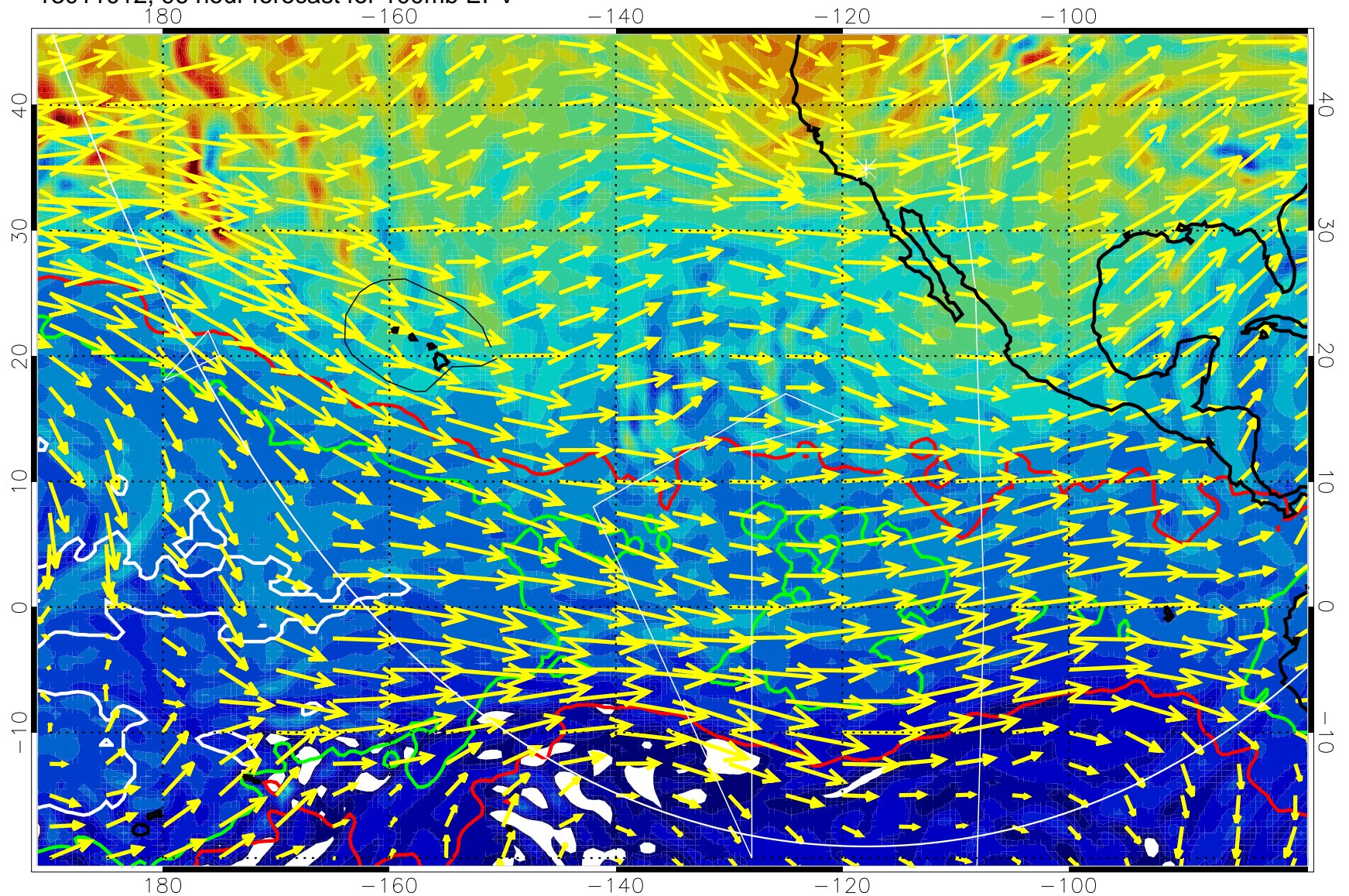
13011006, 90 hour forecast for 100mb EPV



190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s  
Range ring of 6000 km -- 19 hours GH round trip

13011012, 96 hour forecast for 100mb EPV



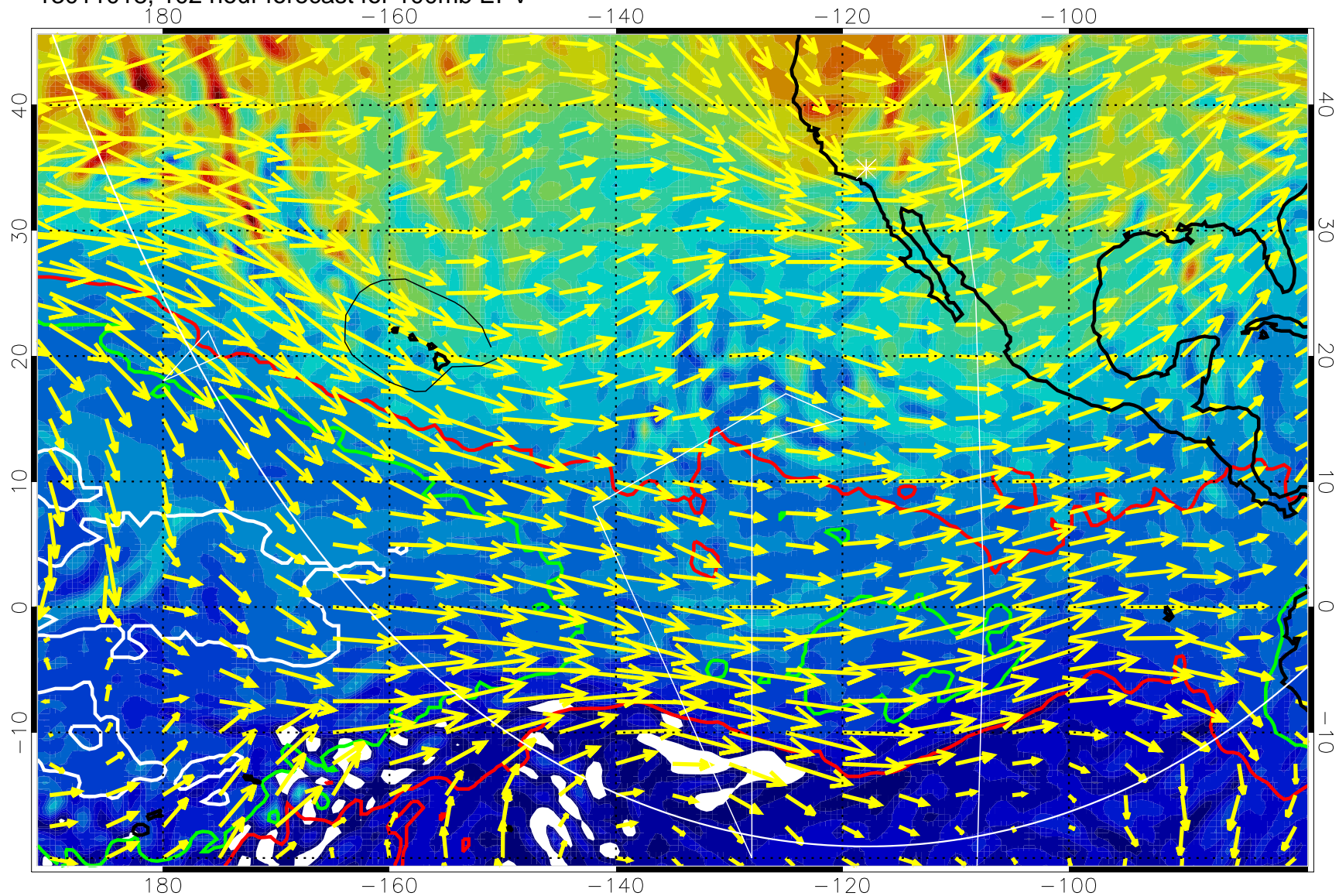
190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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



13011018, 102 hour forecast for 100mb EPV

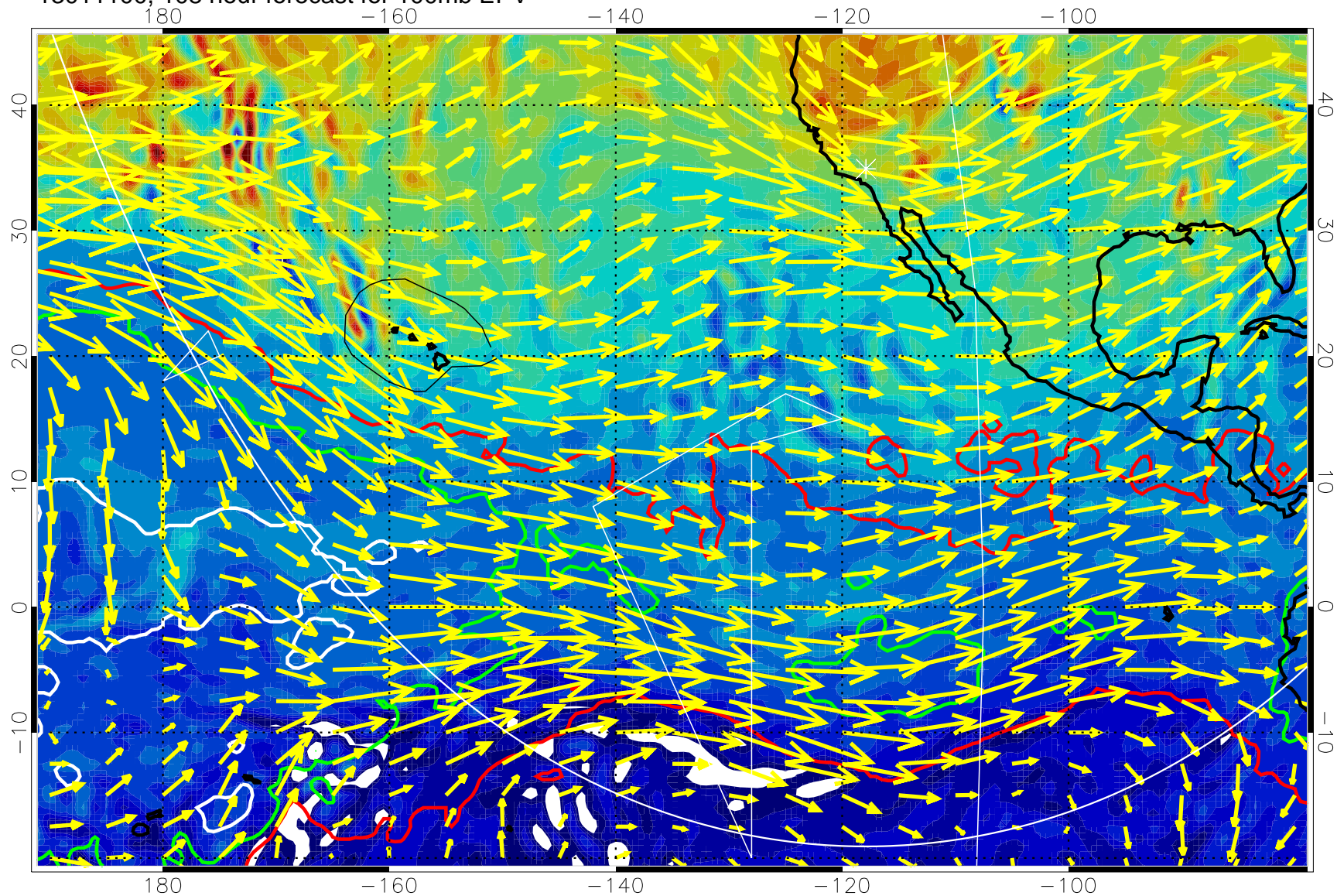


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13011100, 108 hour forecast for 100mb EPV



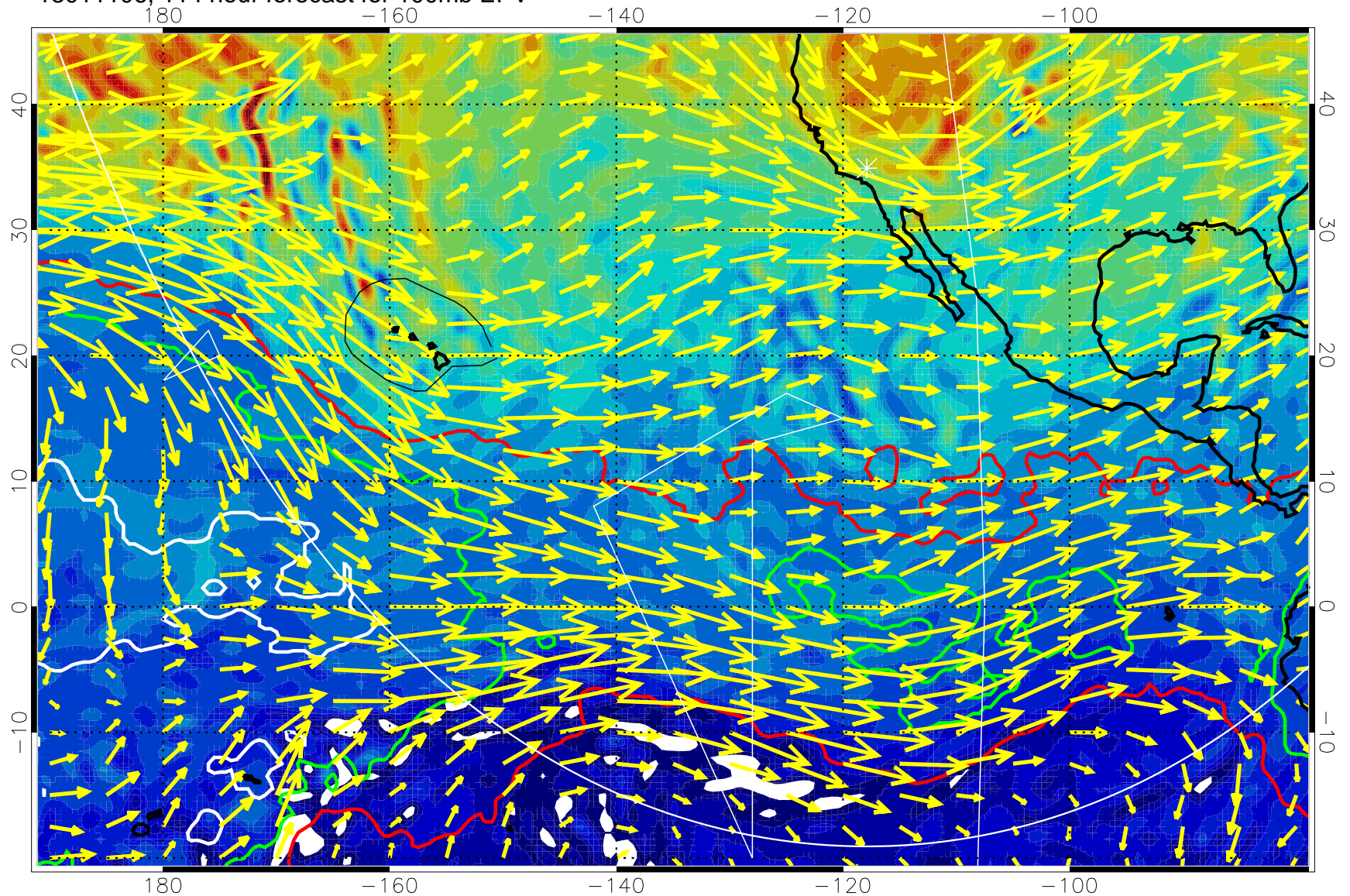
190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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



13011106, 114 hour forecast for 100mb EPV

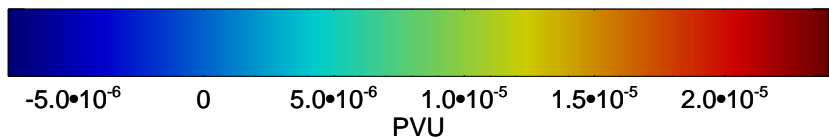
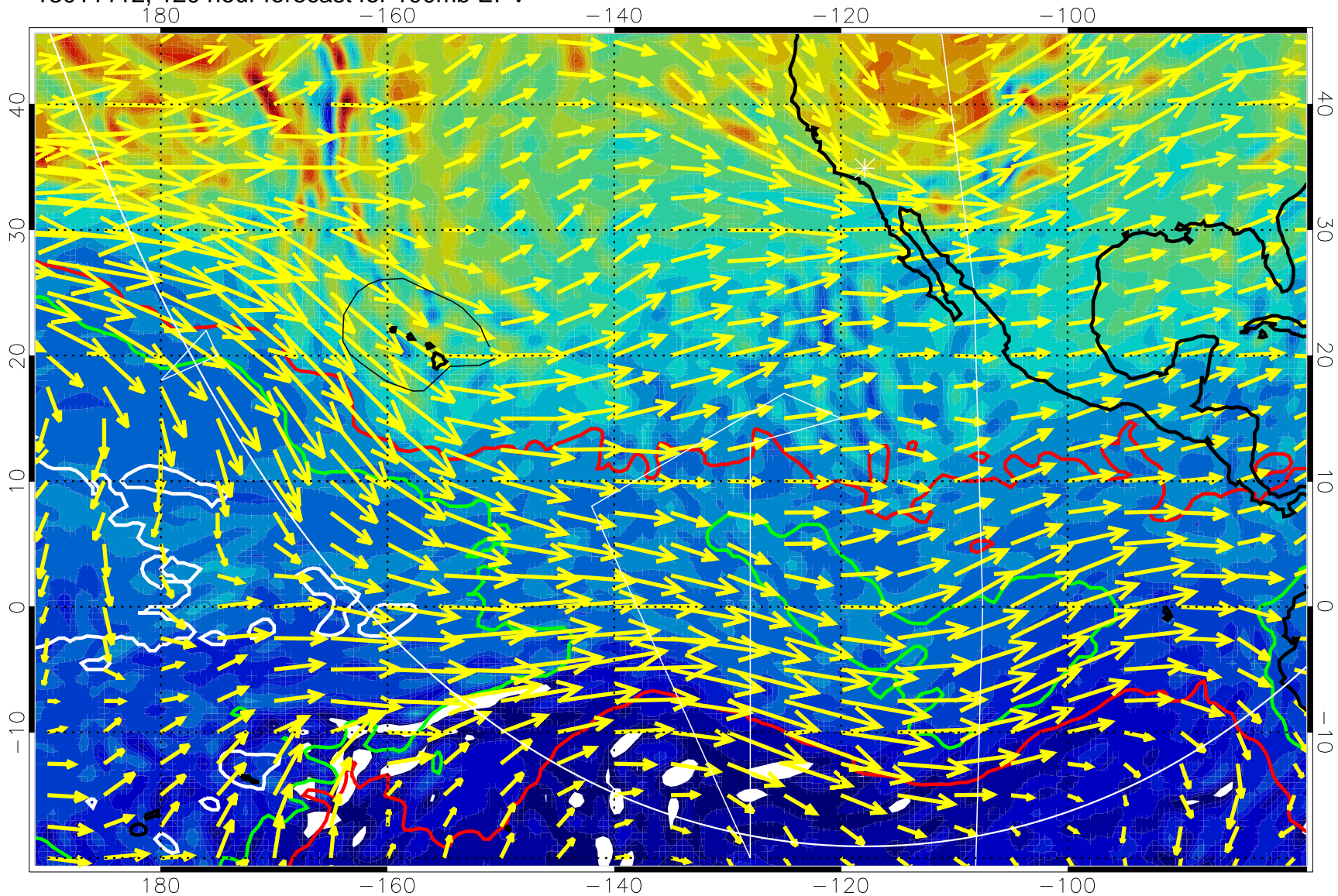


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13011112, 120 hour forecast for 100mb EPV



190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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