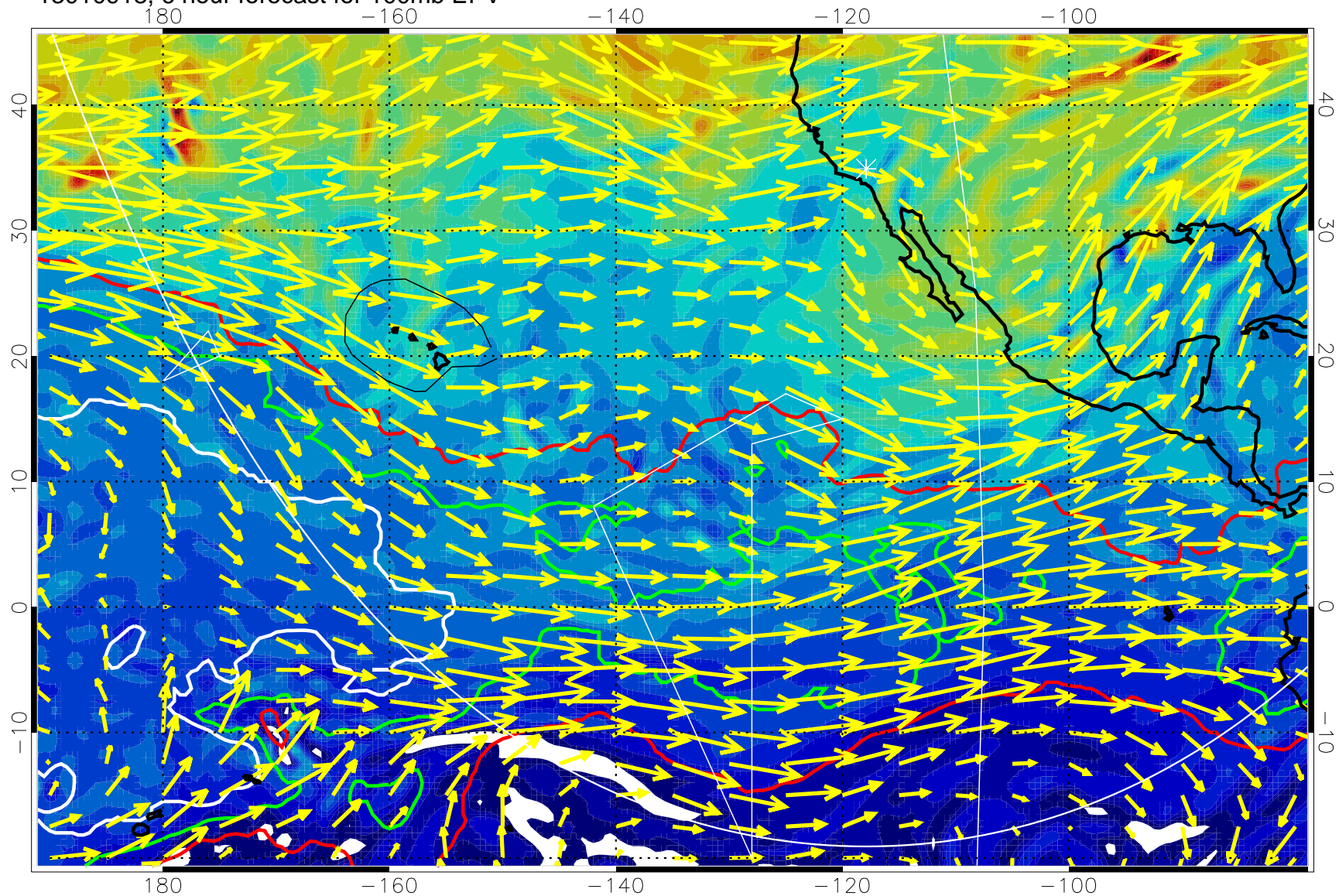


13010918, 6 hour forecast for 100mb EPV

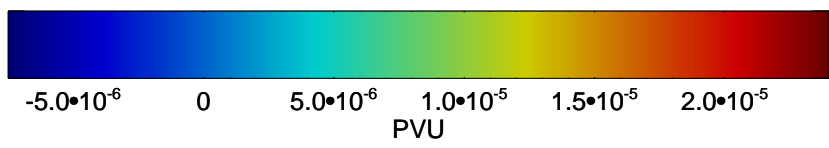
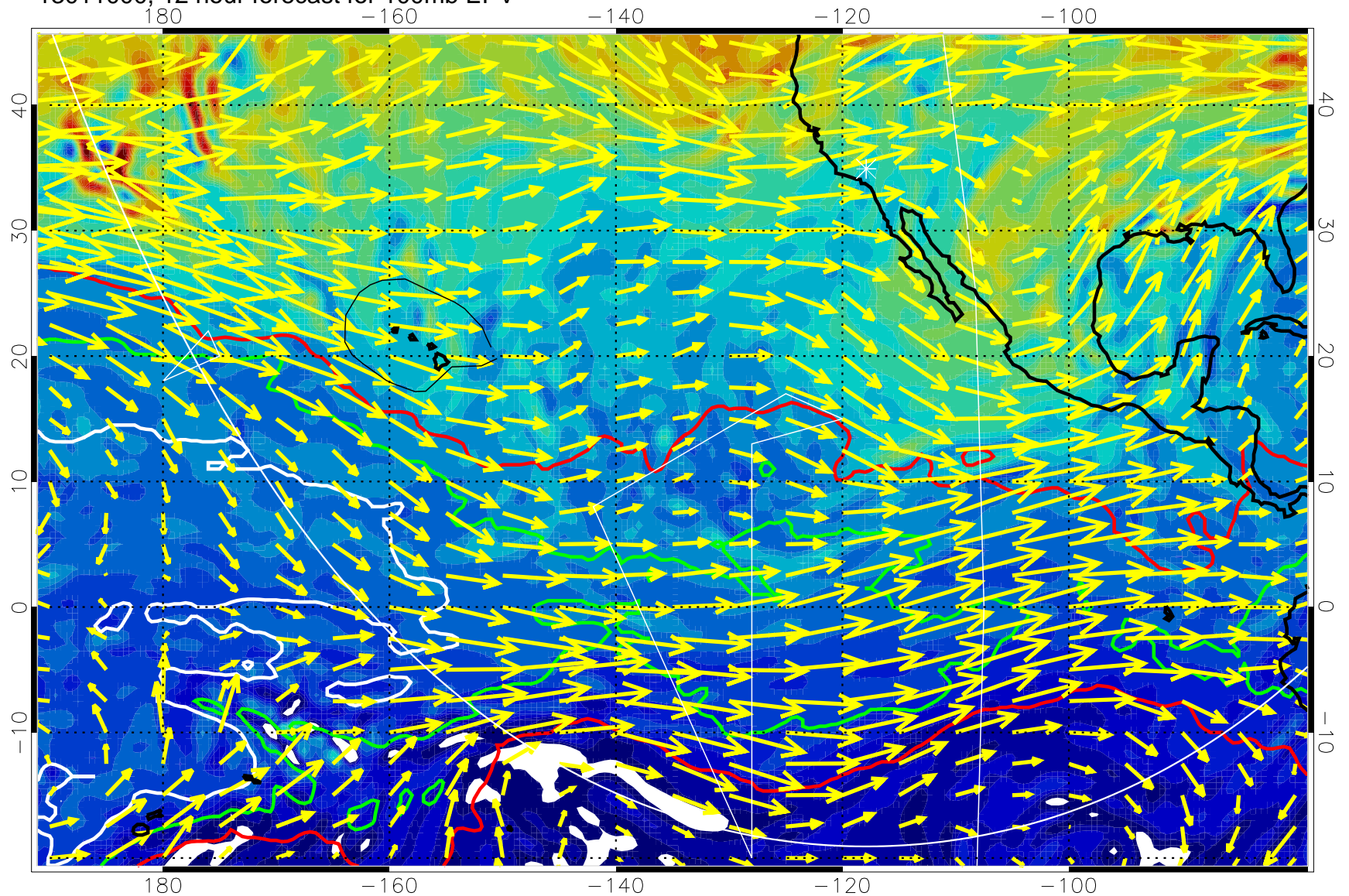


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13011000, 12 hour forecast for 100mb EPV

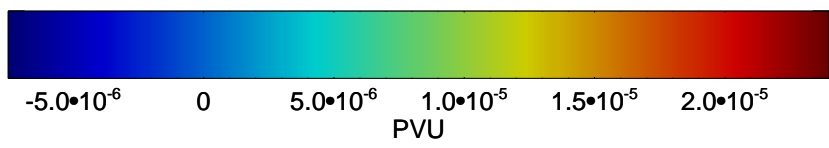
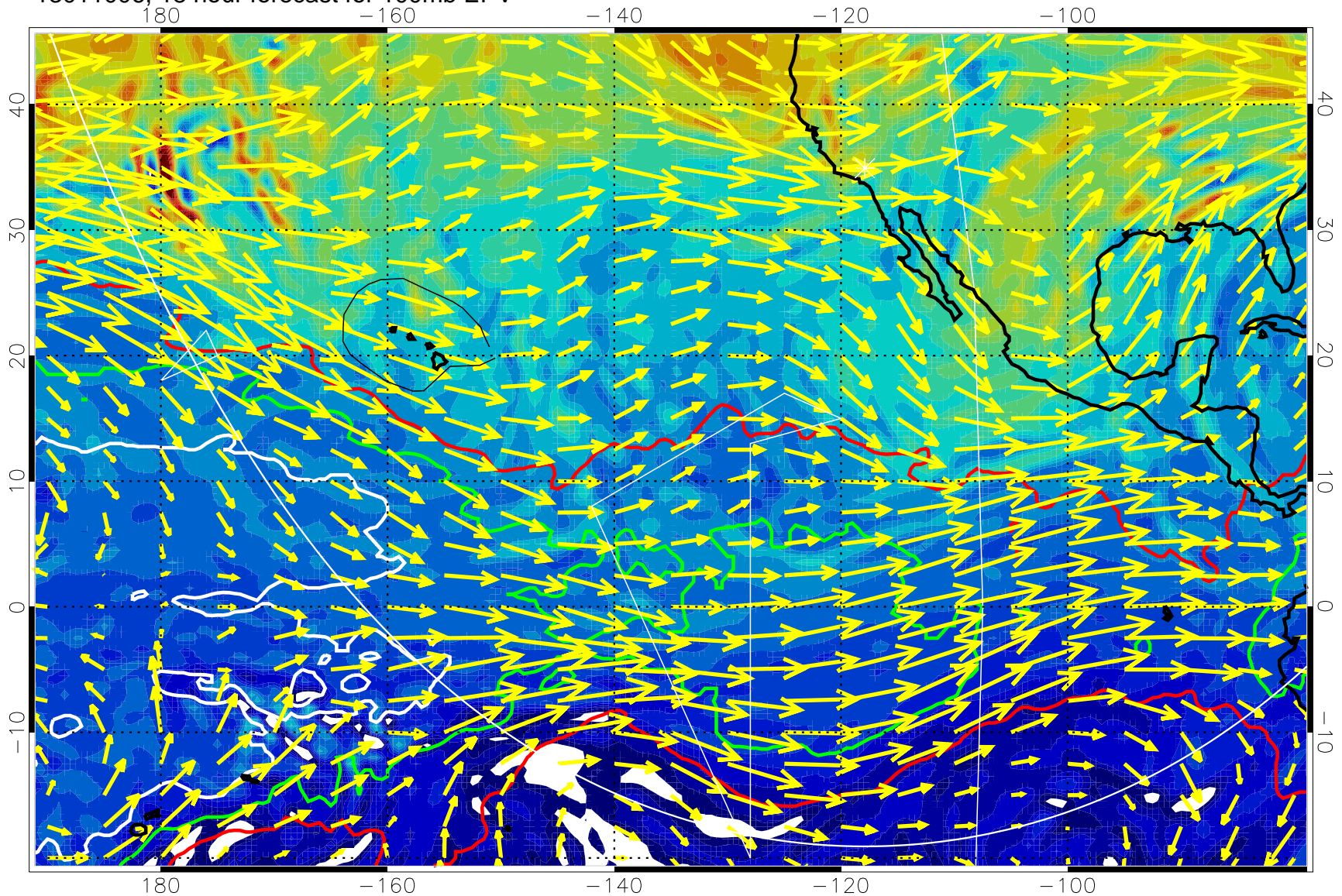


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13011006, 18 hour forecast for 100mb EPV

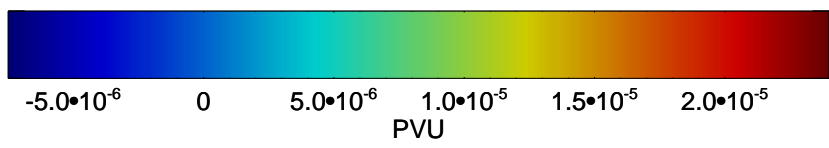
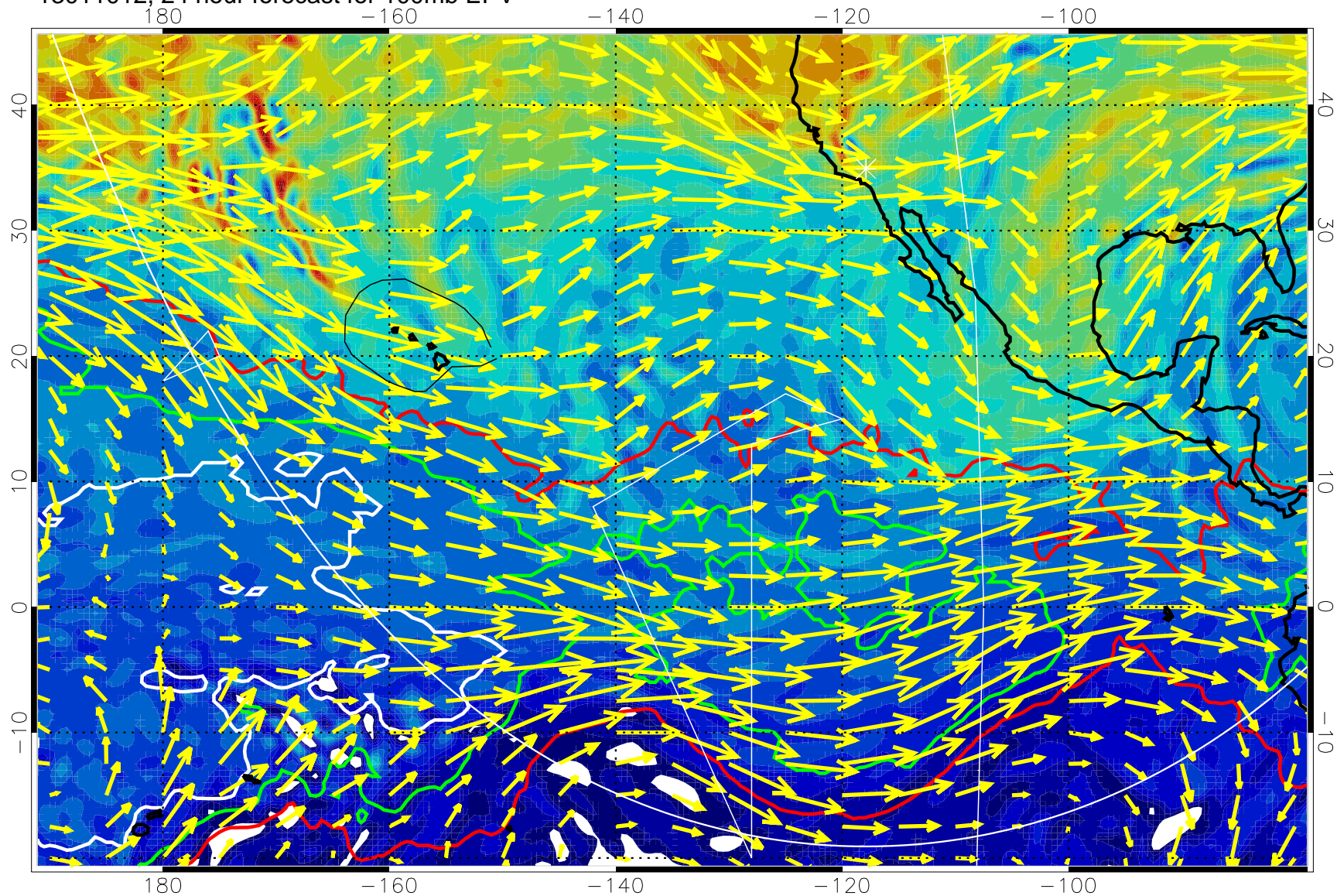


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13011012, 24 hour forecast for 100mb EPV

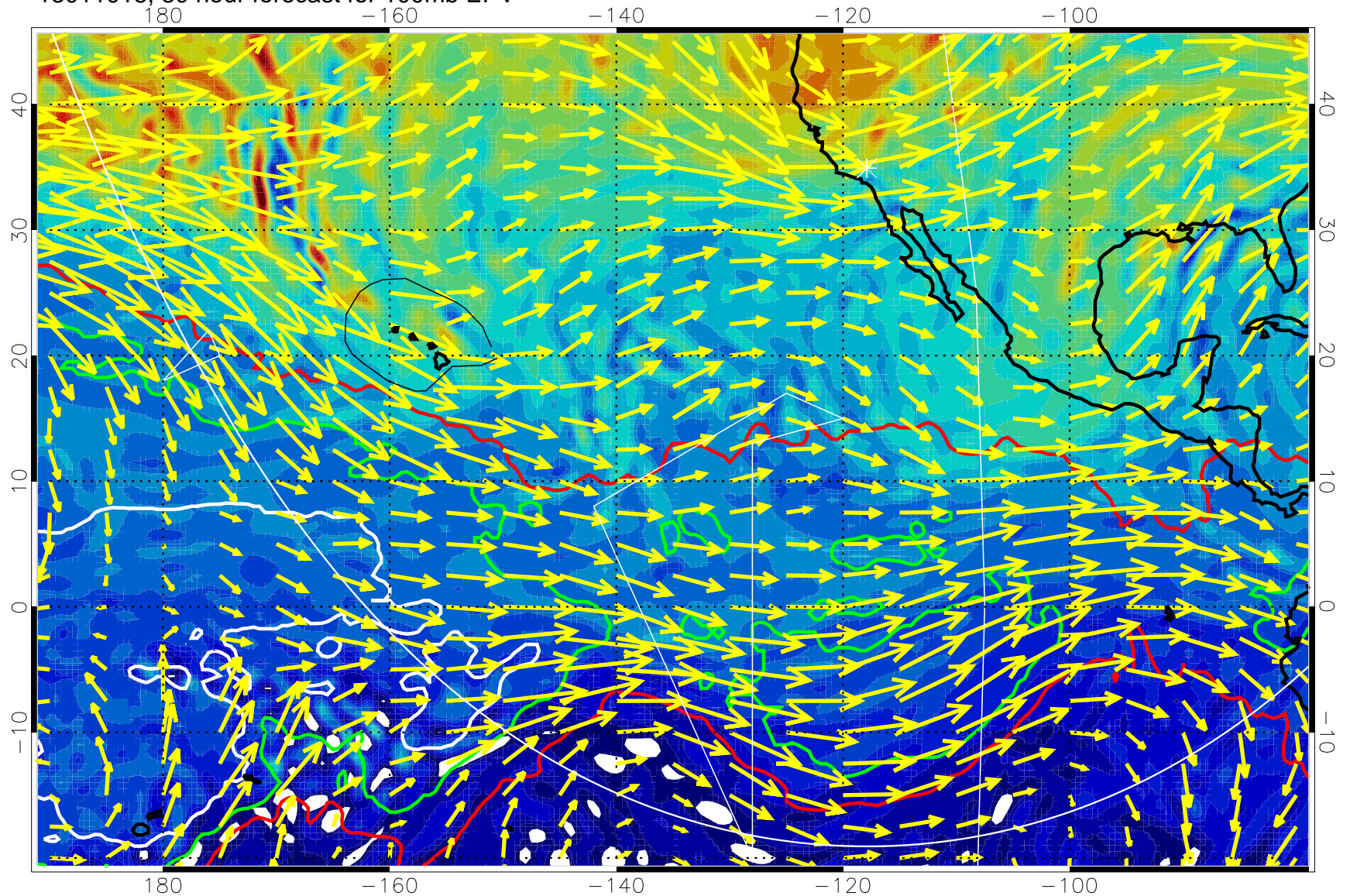


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13011018, 30 hour forecast for 100mb EPV



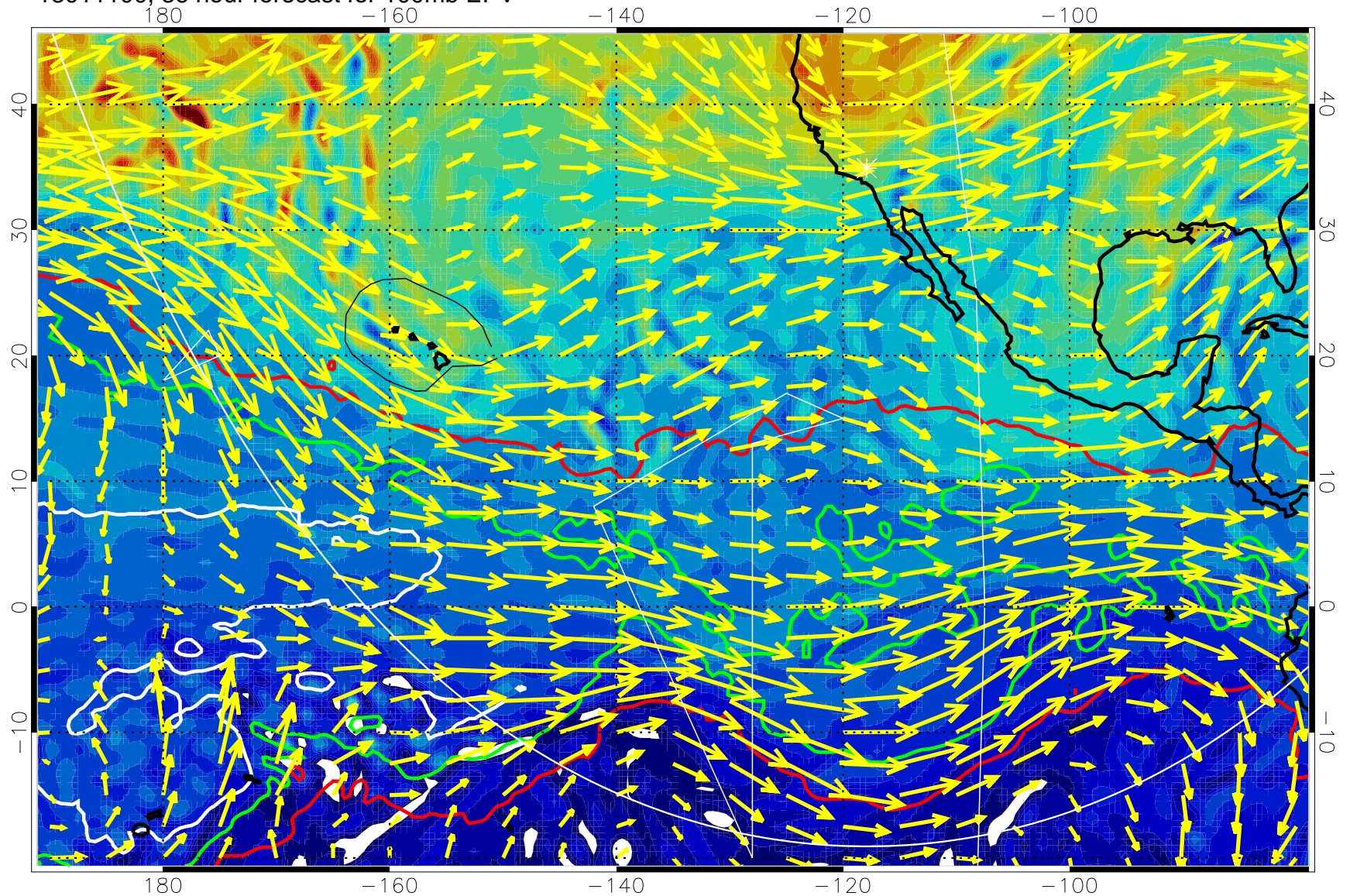
$-5.0 \cdot 10^{-6}$ 0 $5.0 \cdot 10^{-6}$ $1.0 \cdot 10^{-5}$ $1.5 \cdot 10^{-5}$ $2.0 \cdot 10^{-5}$
PVU

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

→ 30 m/s

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

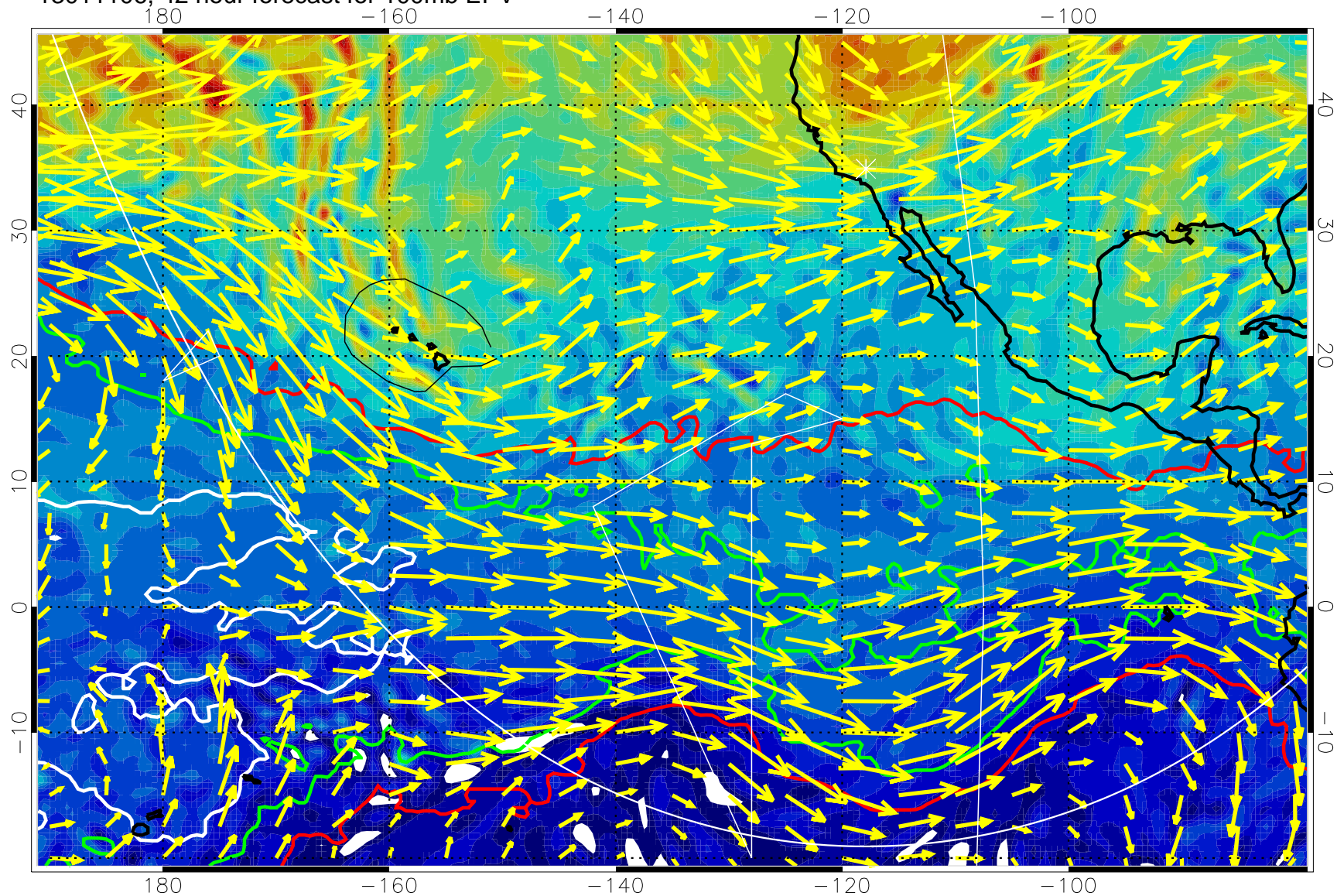
13011100, 36 hour forecast for 100mb EPV



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

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

13011106, 42 hour forecast for 100mb EPV

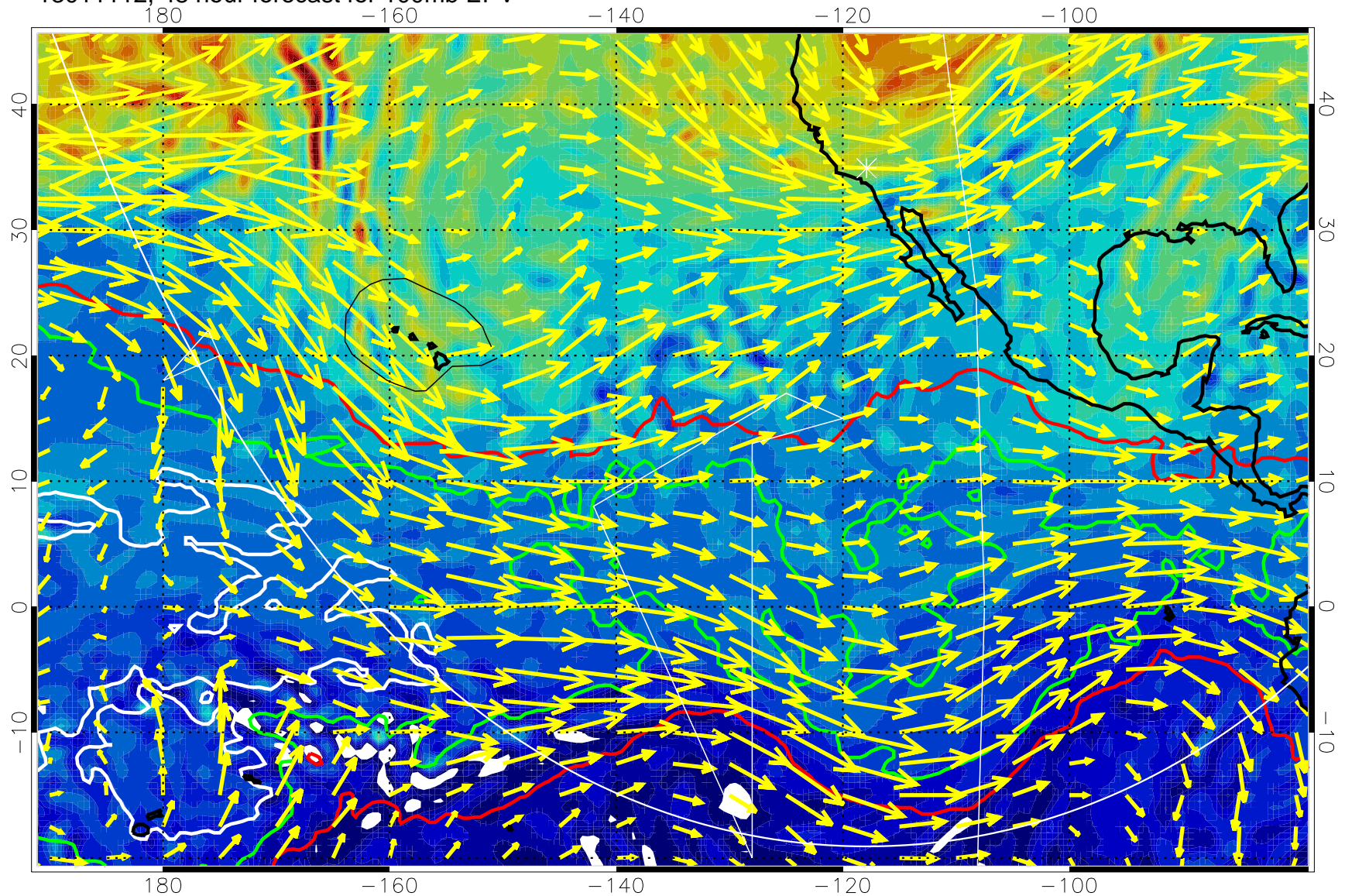


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

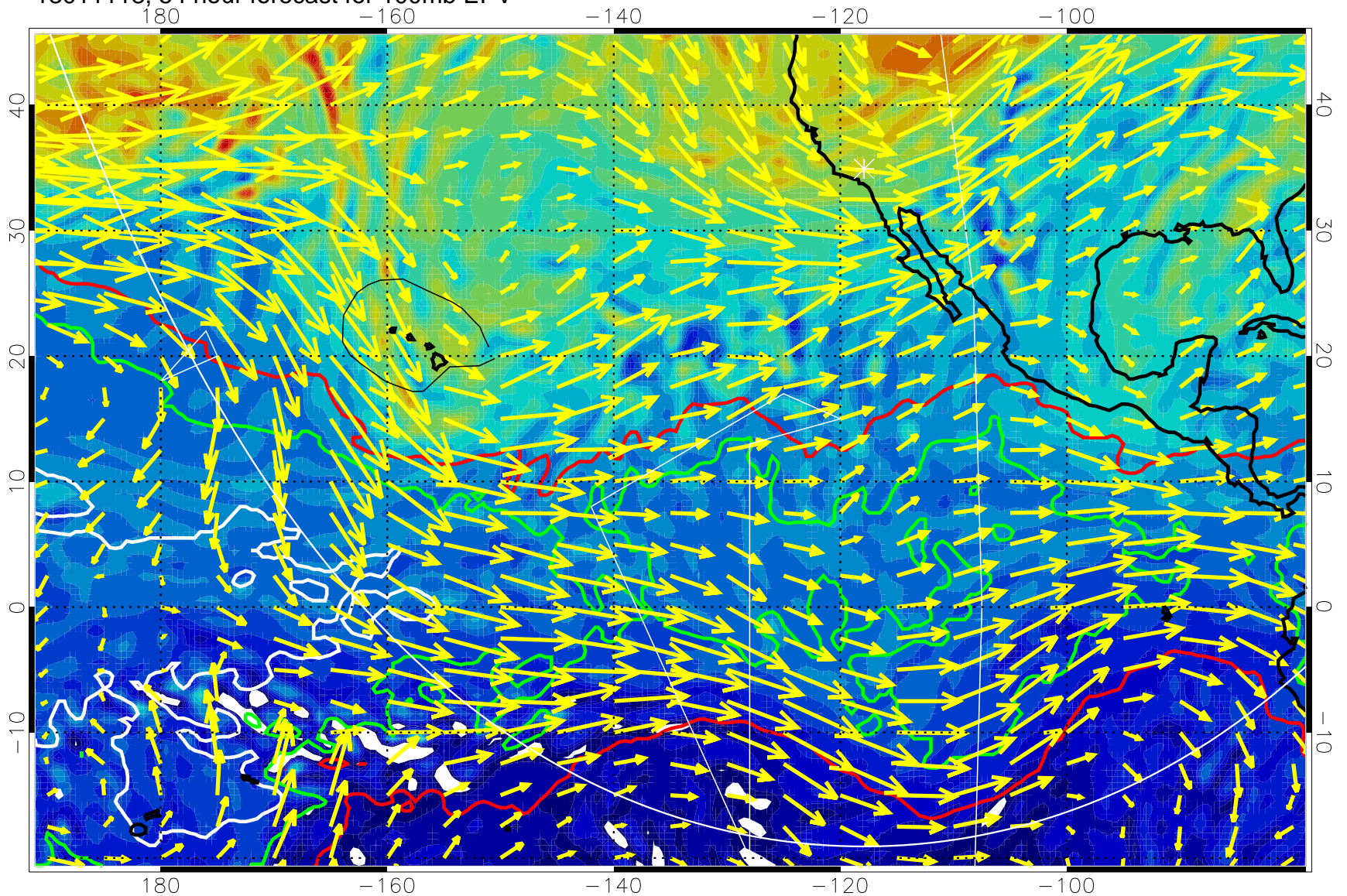
13011112, 48 hour forecast for 100mb EPV



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

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

13011118, 54 hour forecast for 100mb EPV

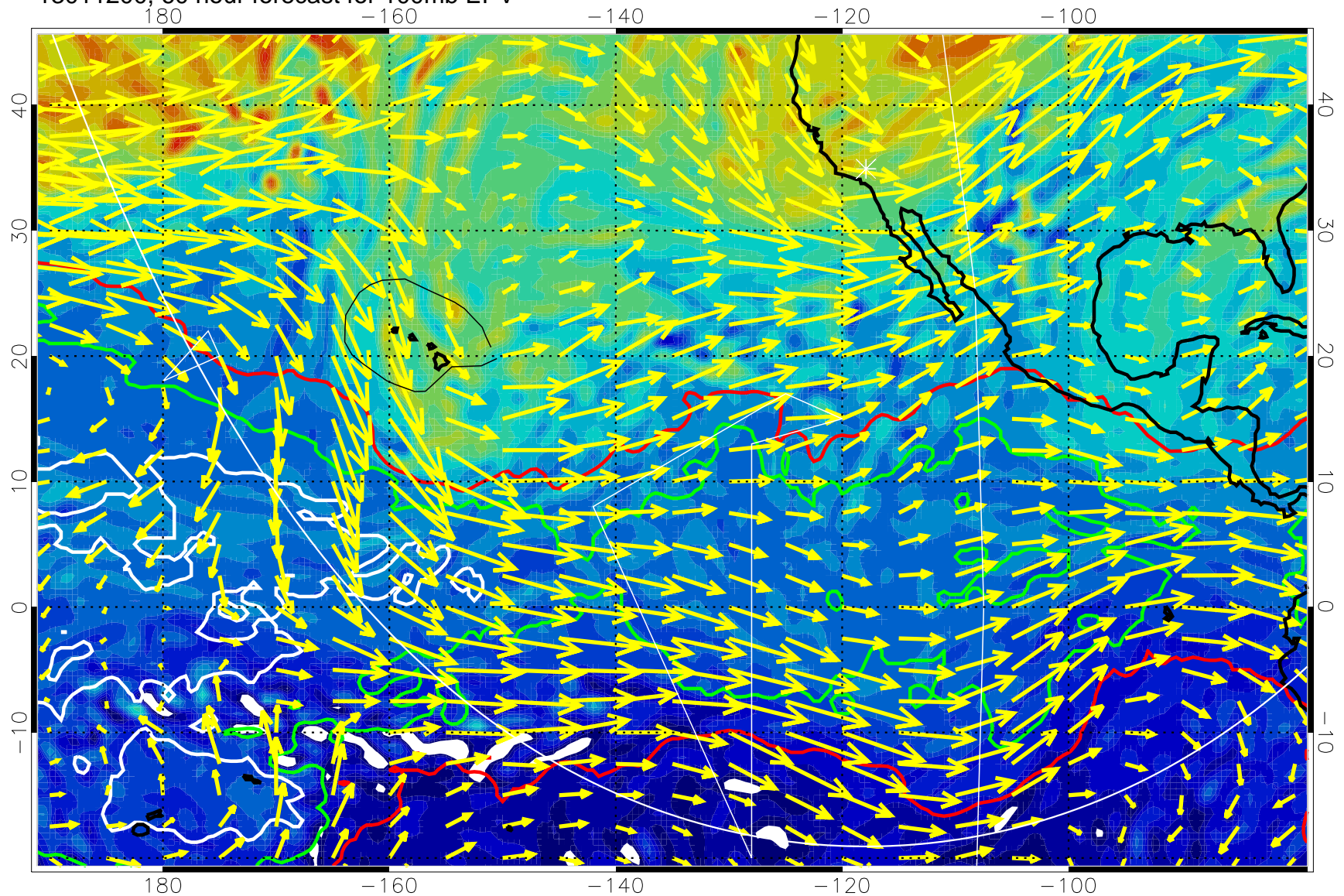


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

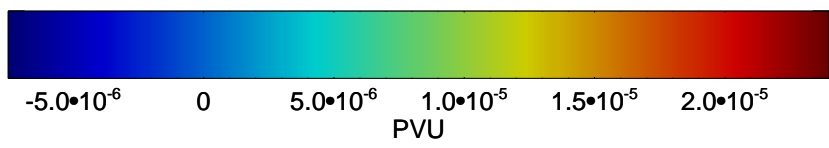
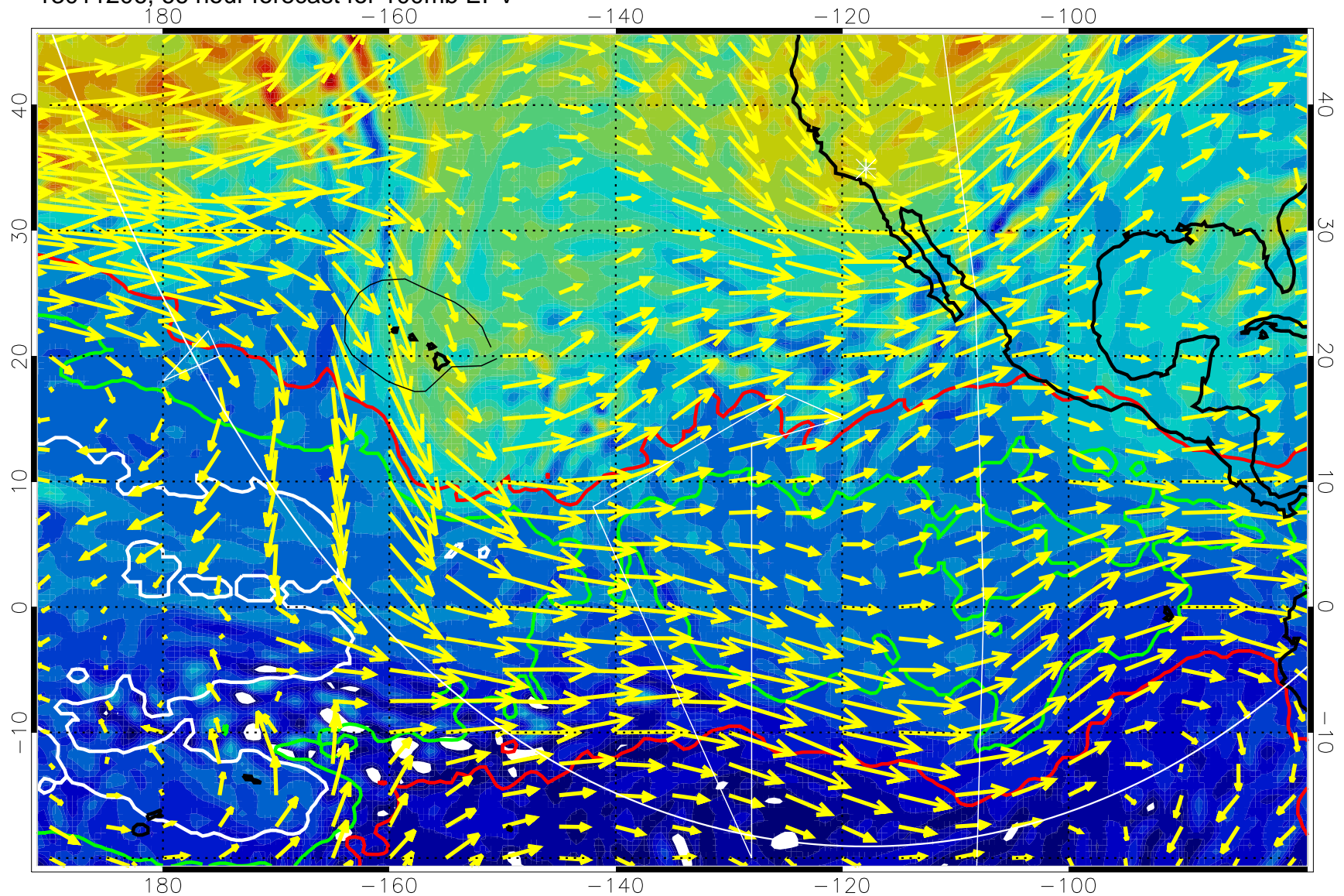
13011200, 60 hour forecast for 100mb EPV



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

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

13011206, 66 hour forecast for 100mb EPV

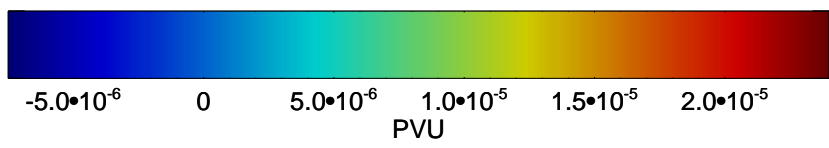
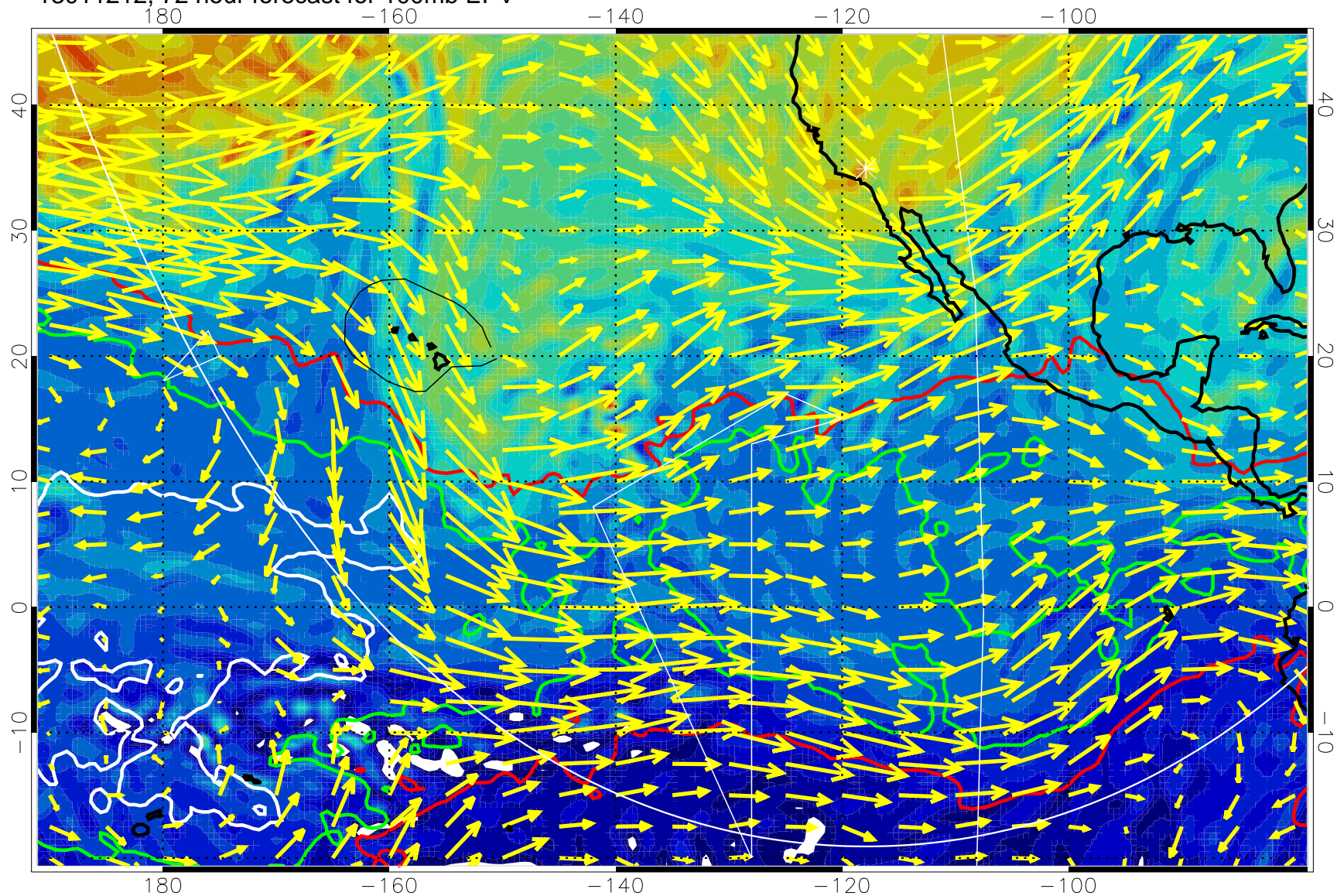


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13011212, 72 hour forecast for 100mb EPV

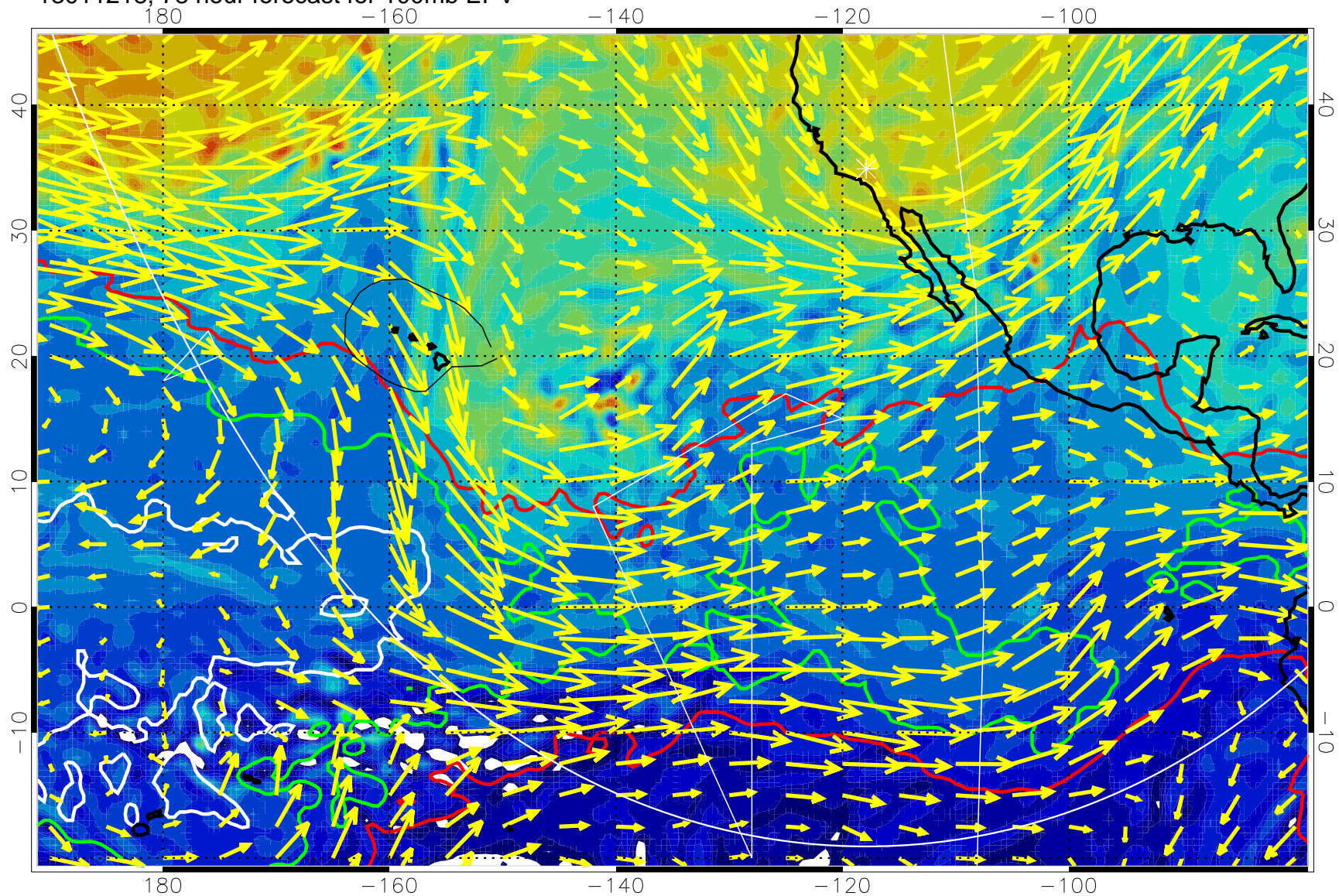


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13011218, 78 hour forecast for 100mb EPV

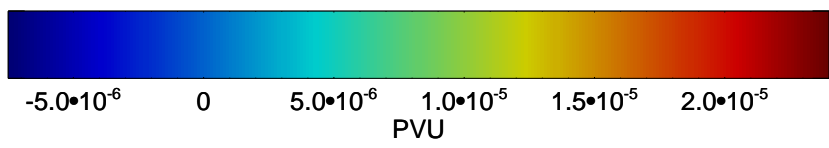
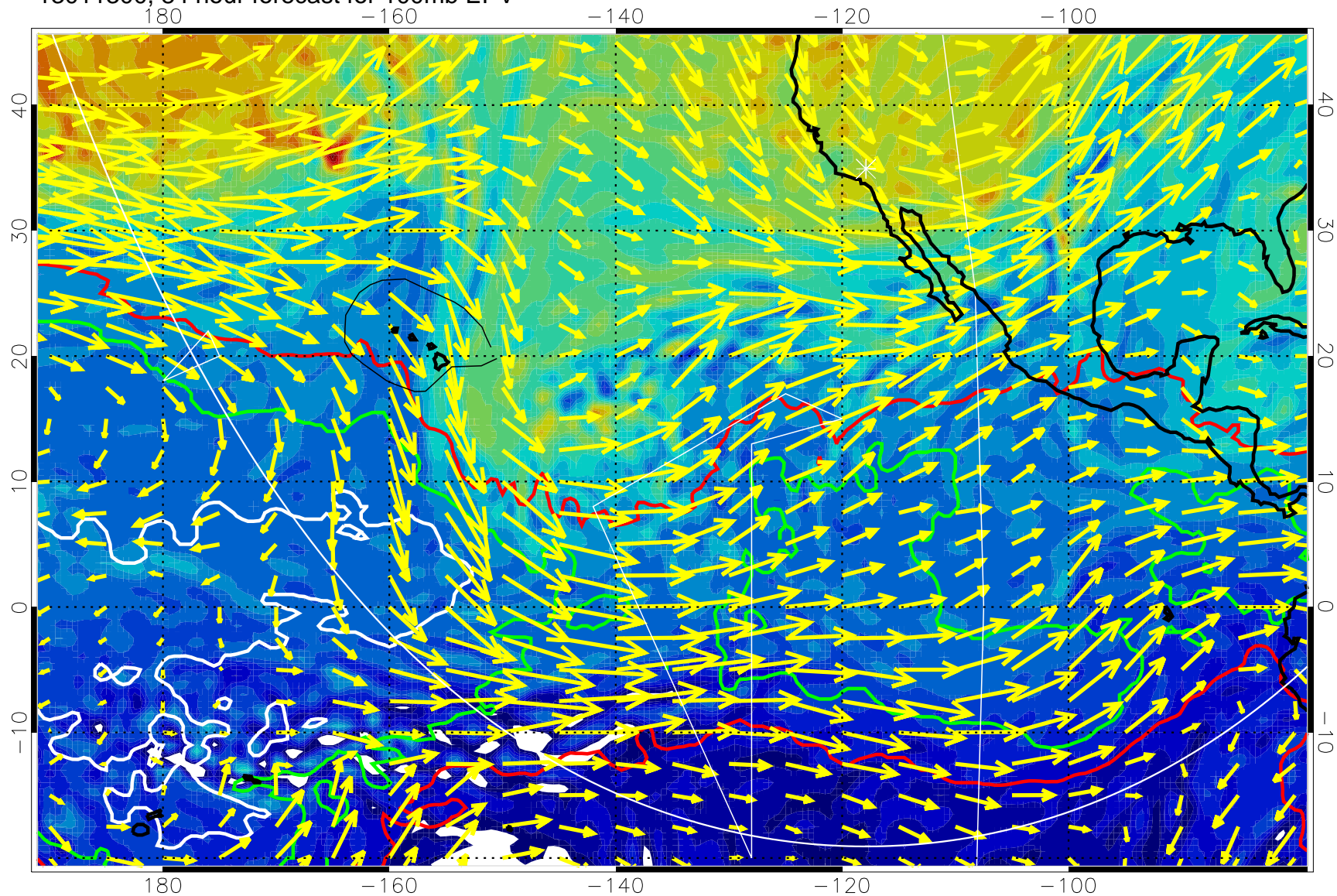


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13011300, 84 hour forecast for 100mb EPV

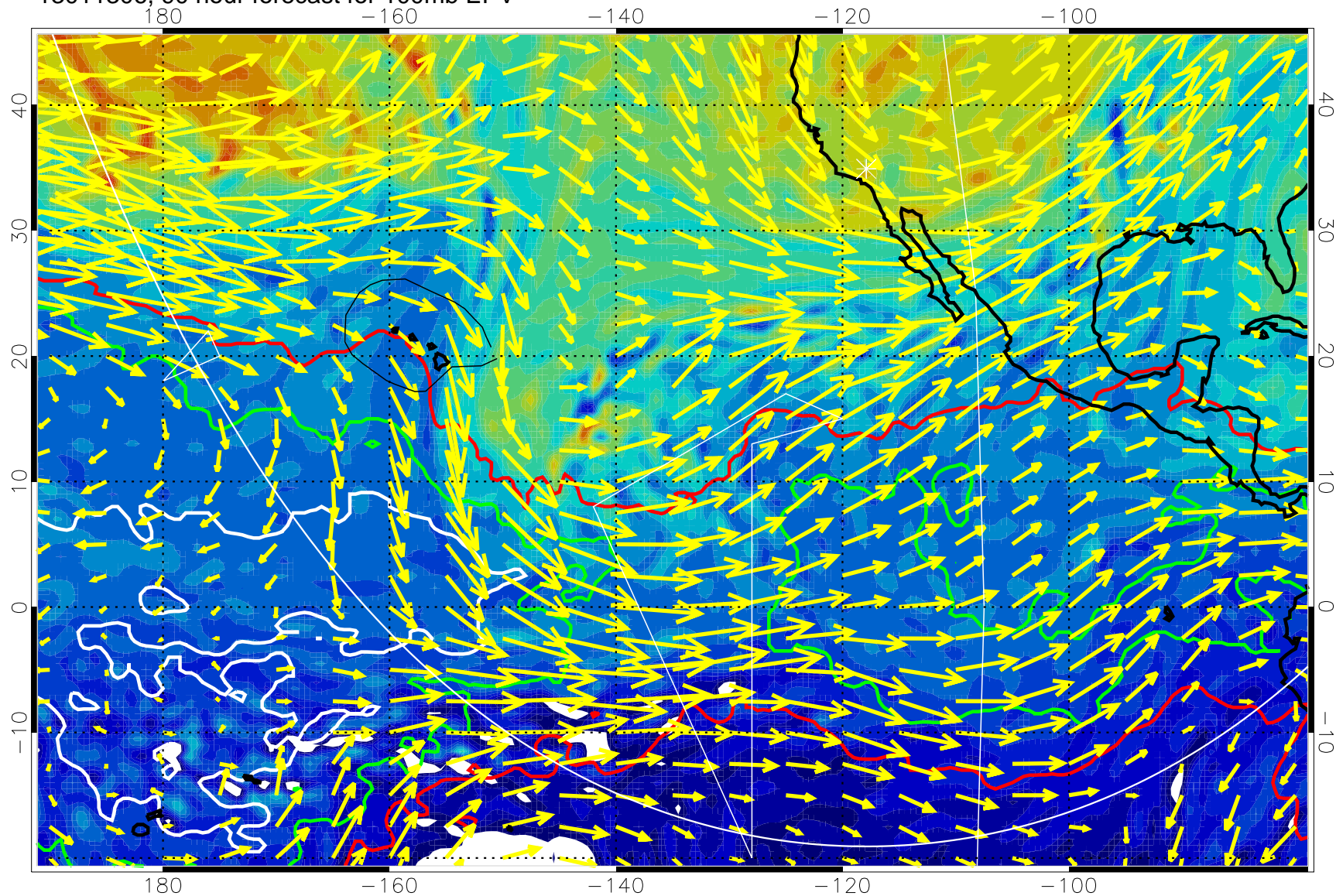


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13011306, 90 hour forecast for 100mb EPV



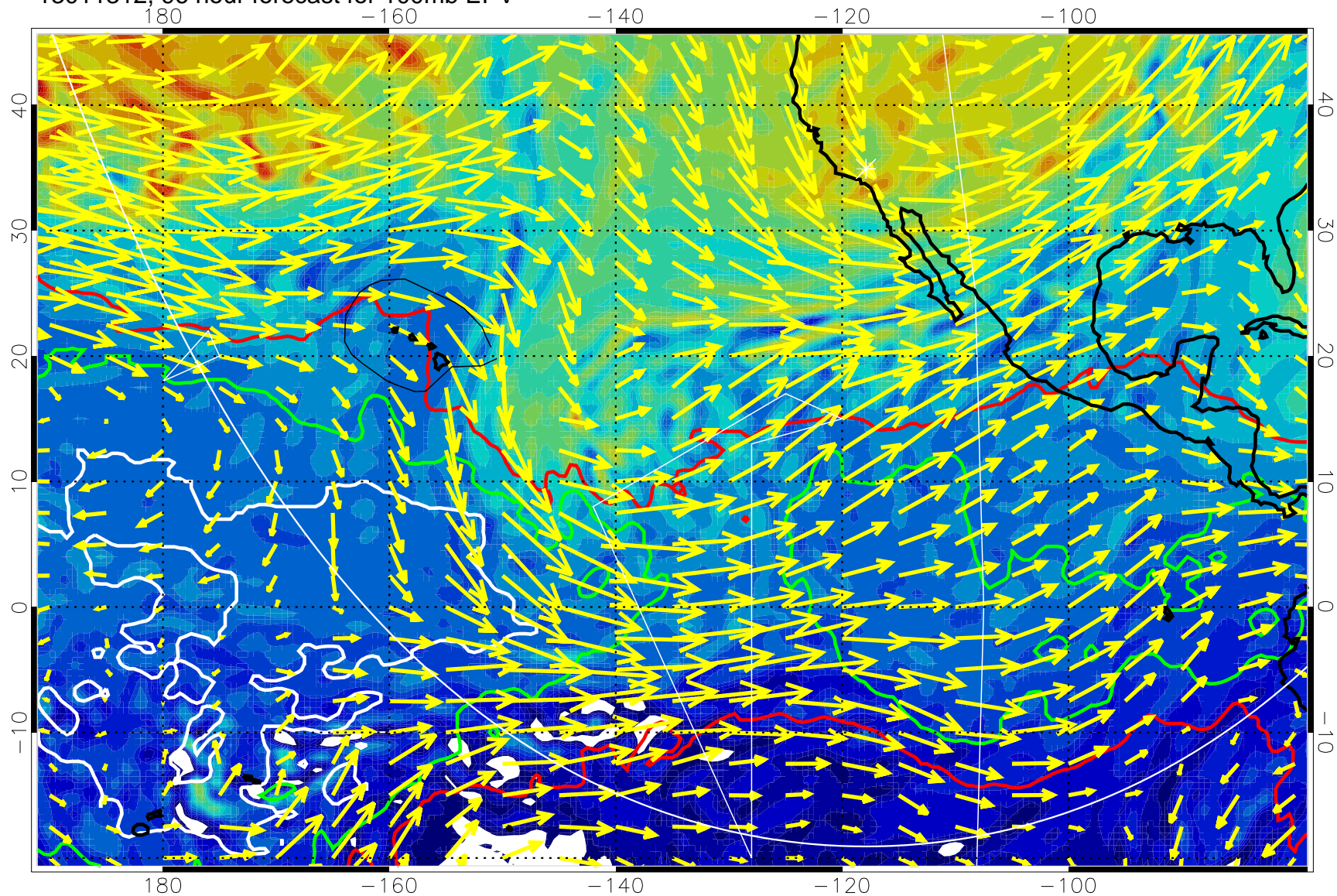
$-5.0 \cdot 10^{-6}$ 0 $5.0 \cdot 10^{-6}$ $1.0 \cdot 10^{-5}$ $1.5 \cdot 10^{-5}$ $2.0 \cdot 10^{-5}$
PVU

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

→ 30 m/s

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

13011312, 96 hour forecast for 100mb EPV

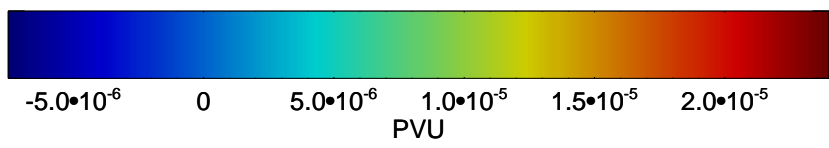
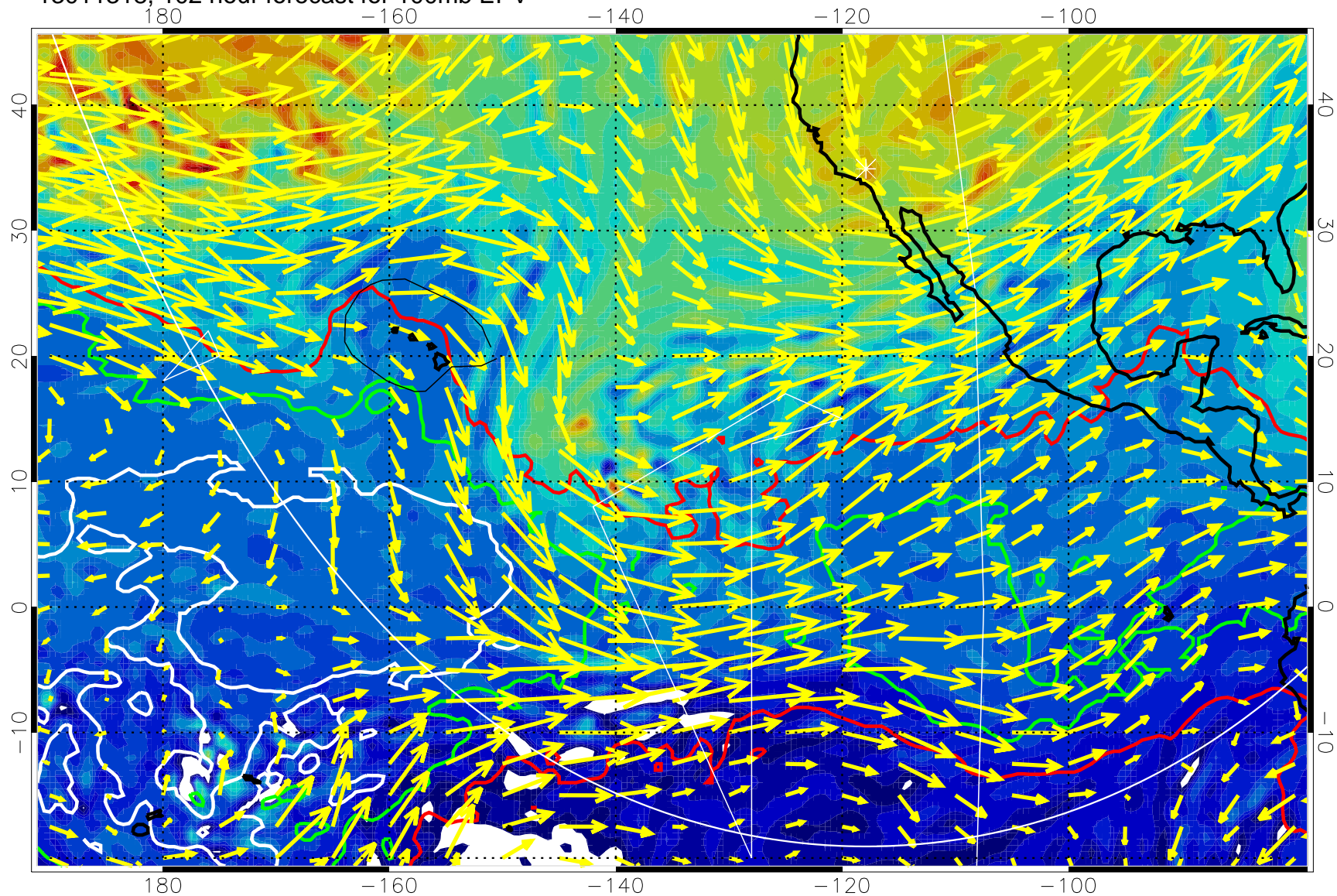


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13011318, 102 hour forecast for 100mb EPV

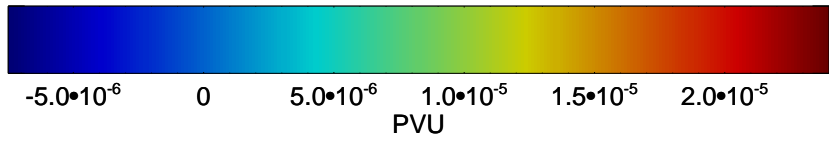
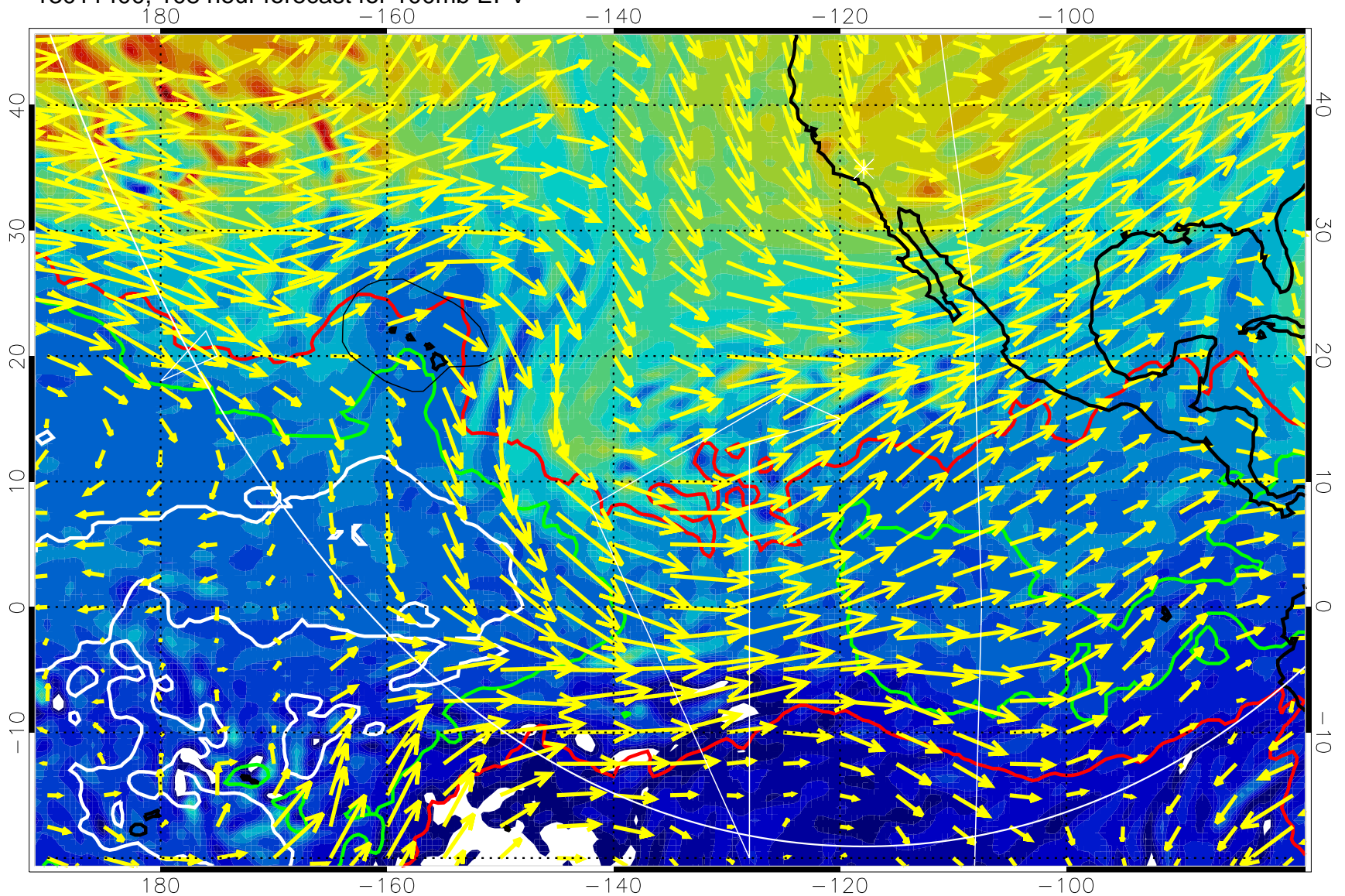


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

13011400, 108 hour forecast for 100mb EPV

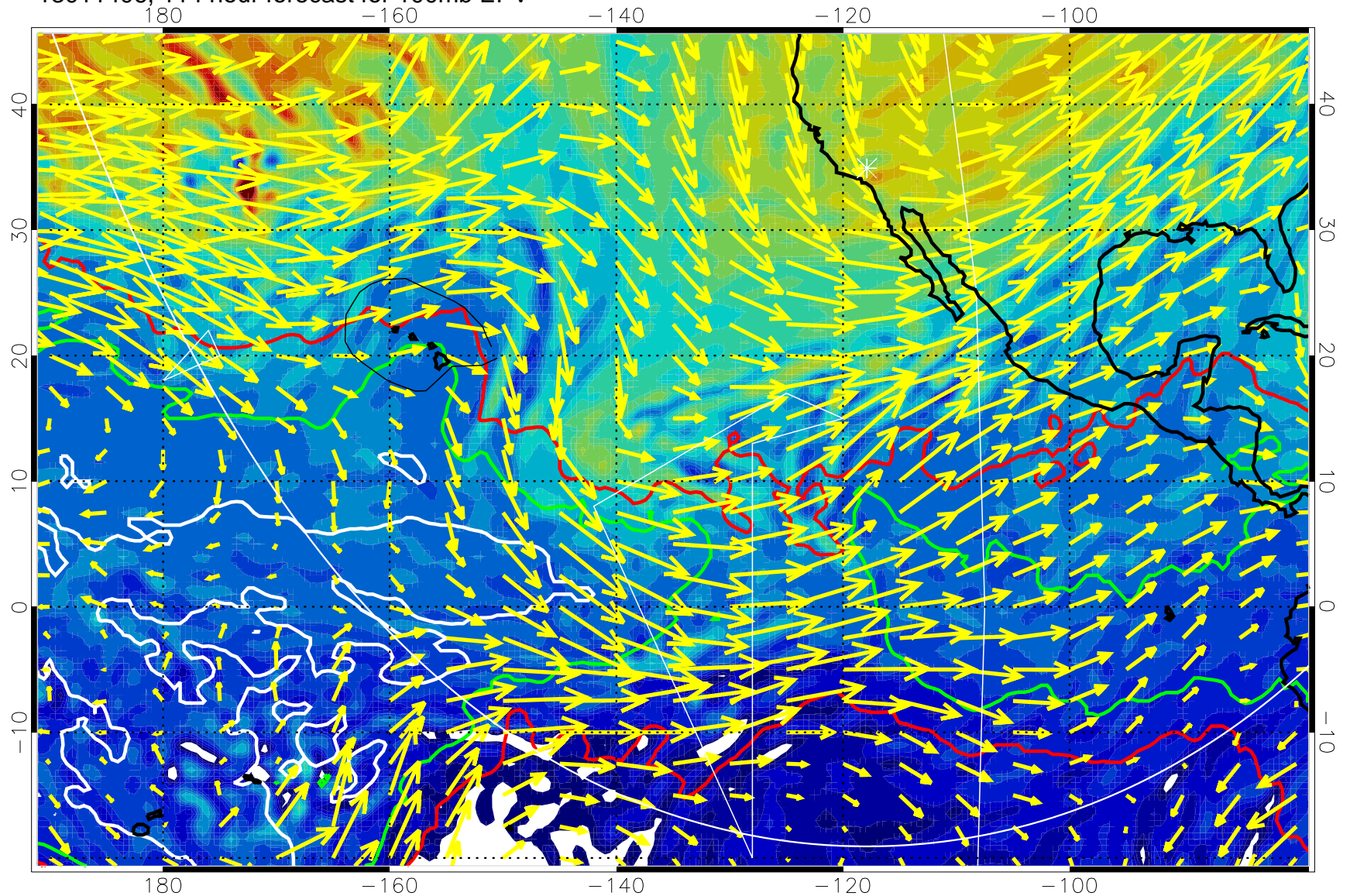


190K Isotherm(wht) 192.5K Isotherm 195K Isotherm

→ 30 m/s

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

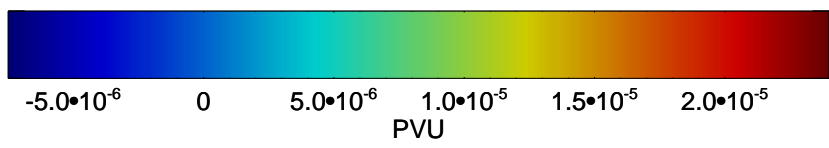
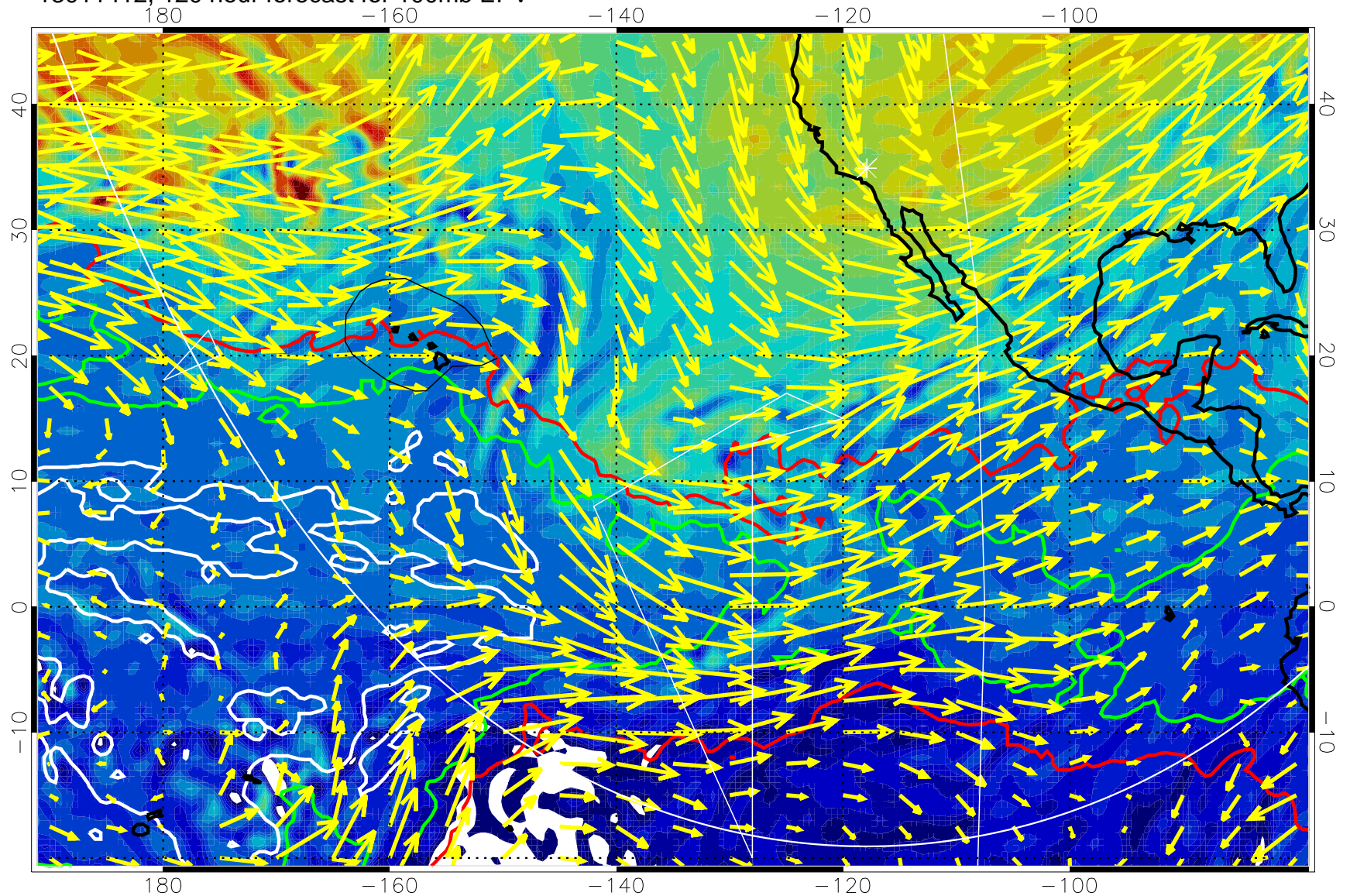
13011406, 114 hour forecast for 100mb EPV



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

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

13011412, 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