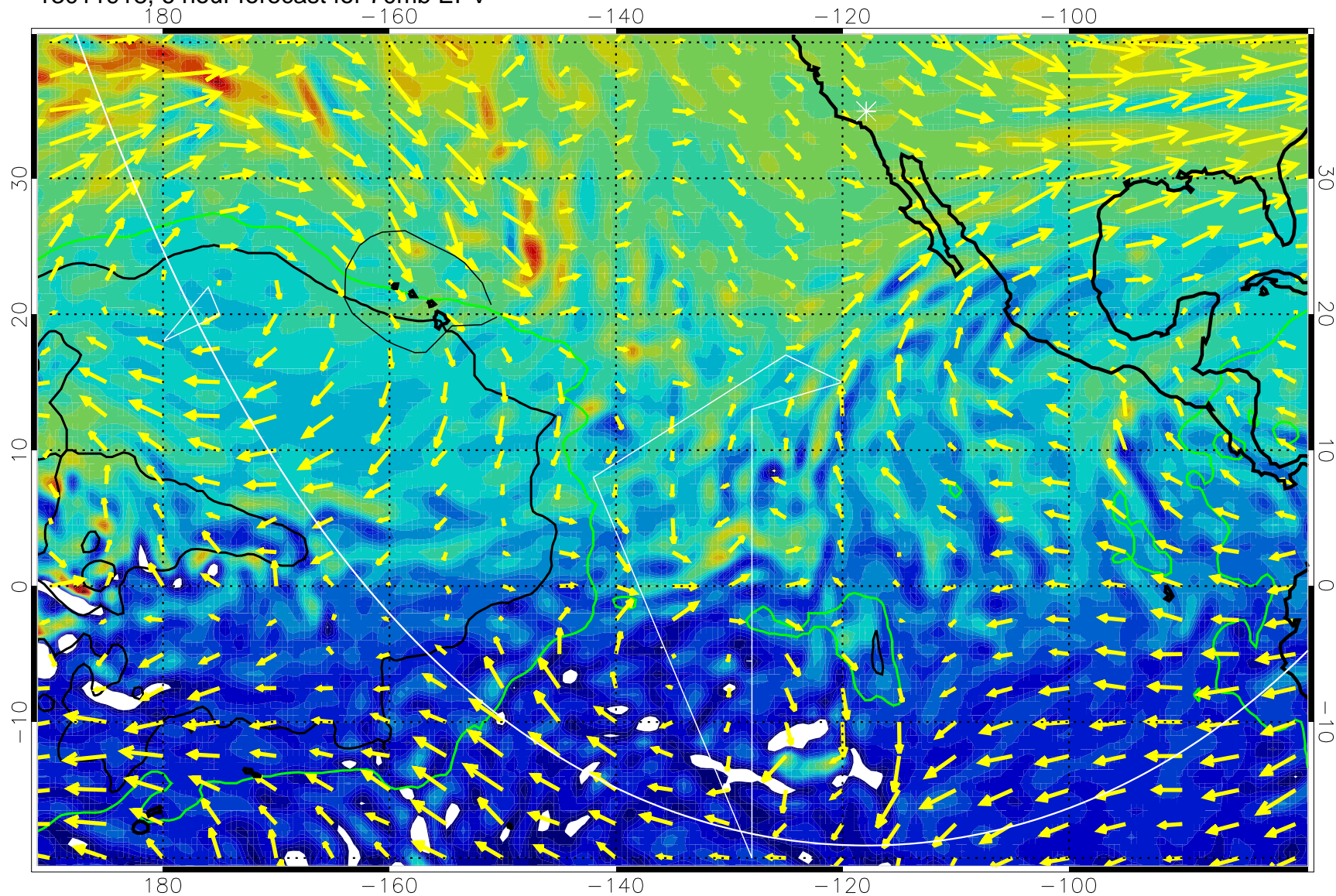


13011918, 6 hour forecast for 70mb EPV



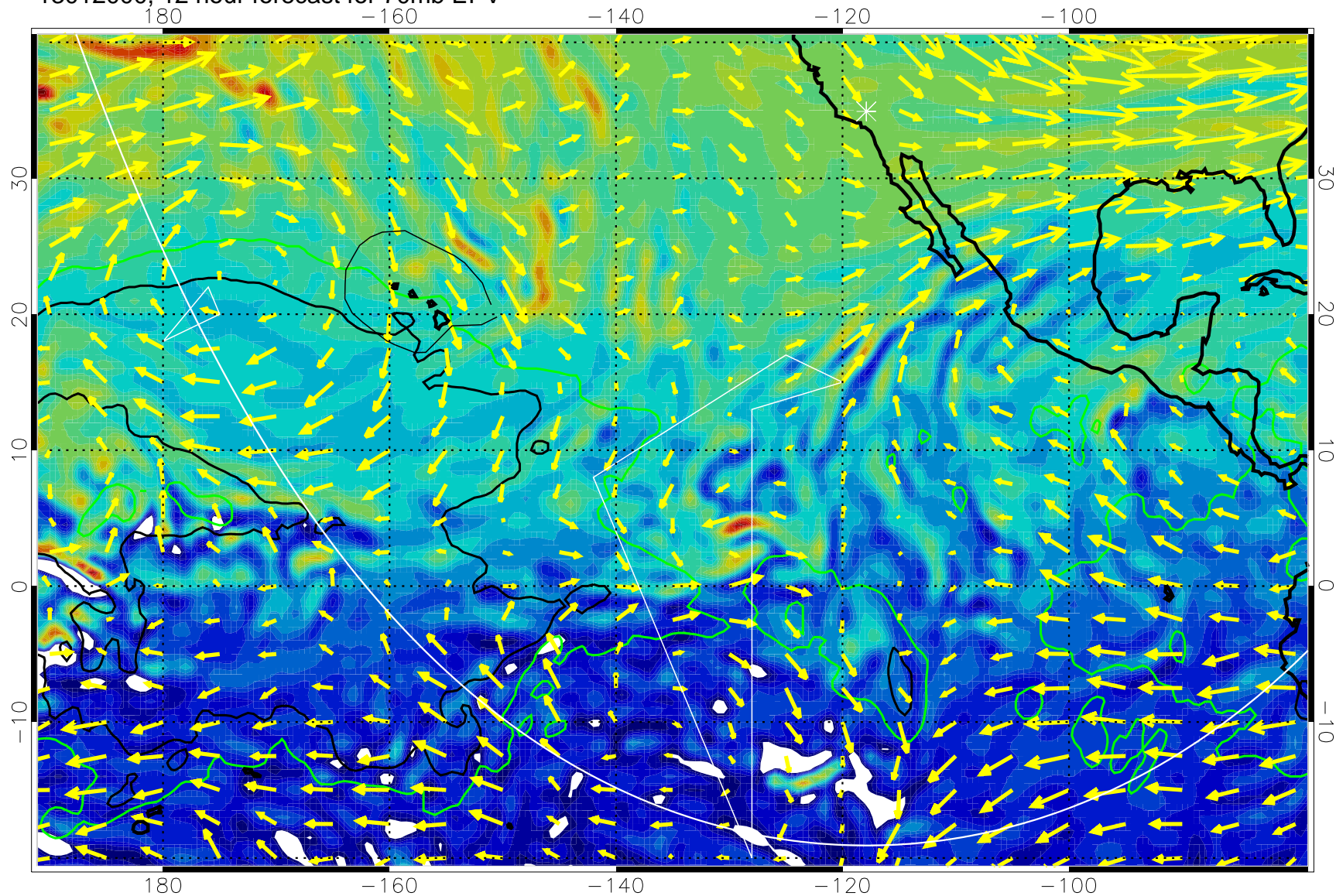
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012000, 12 hour forecast for 70mb EPV



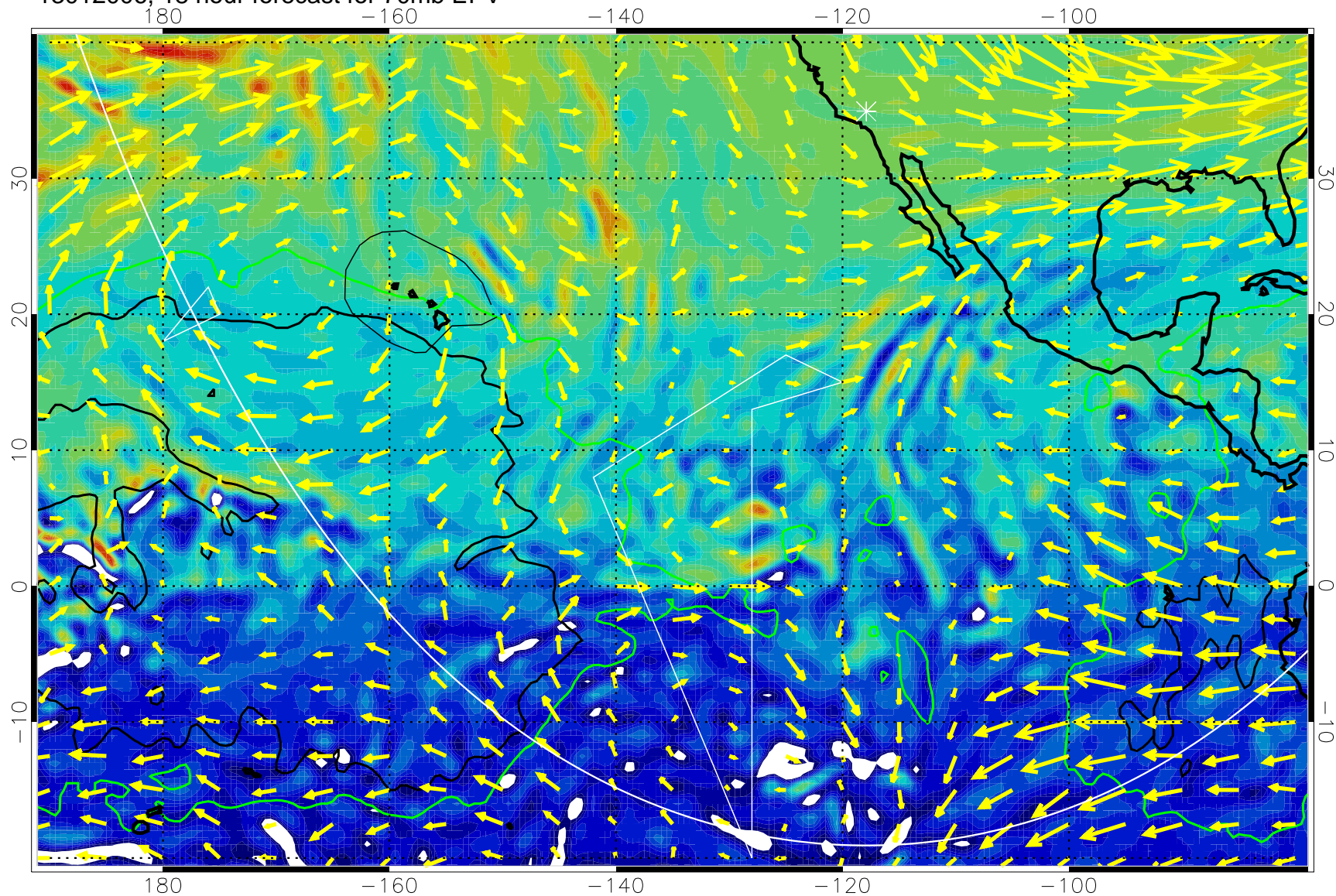
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012006, 18 hour forecast for 70mb EPV



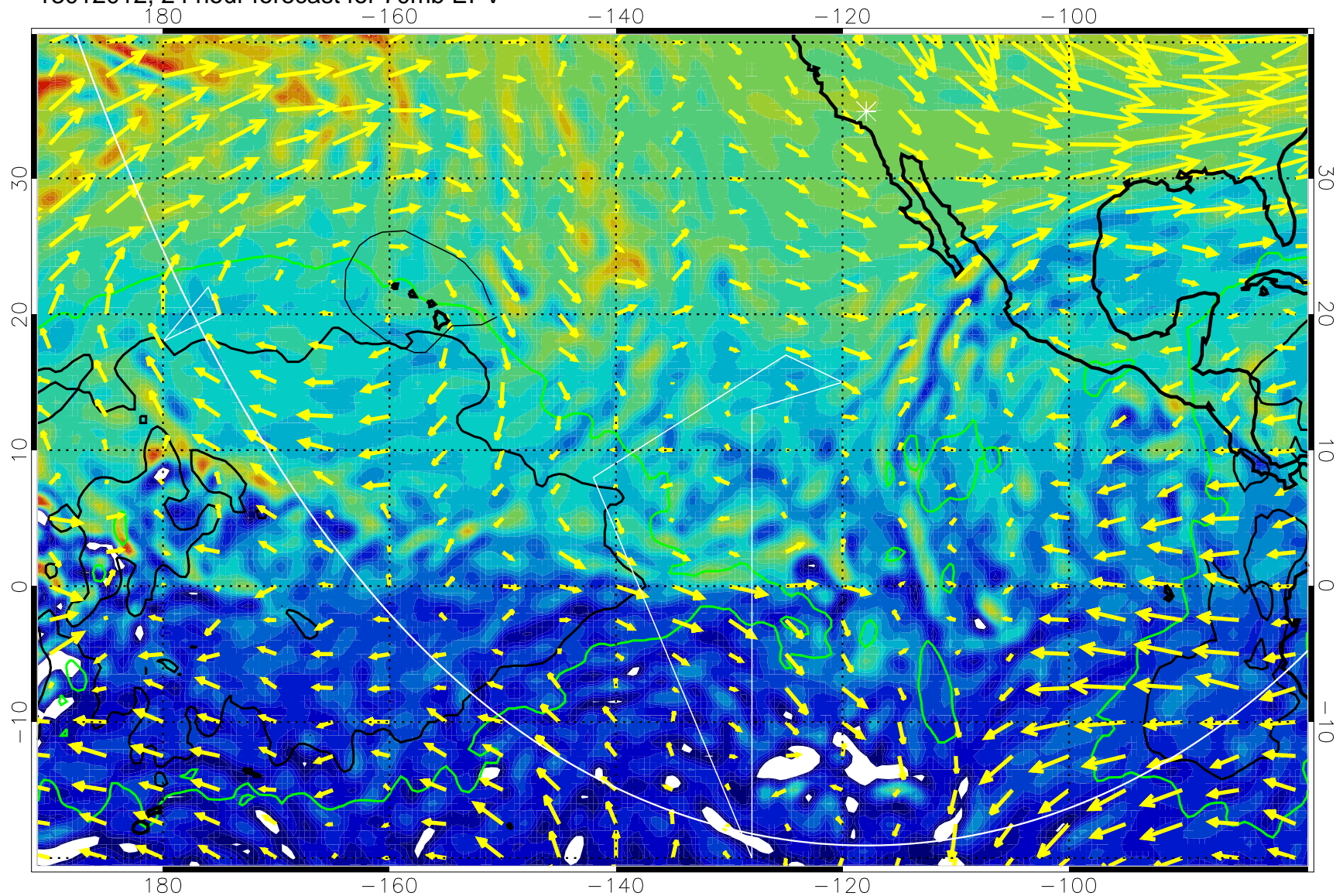
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012012, 24 hour forecast for 70mb EPV

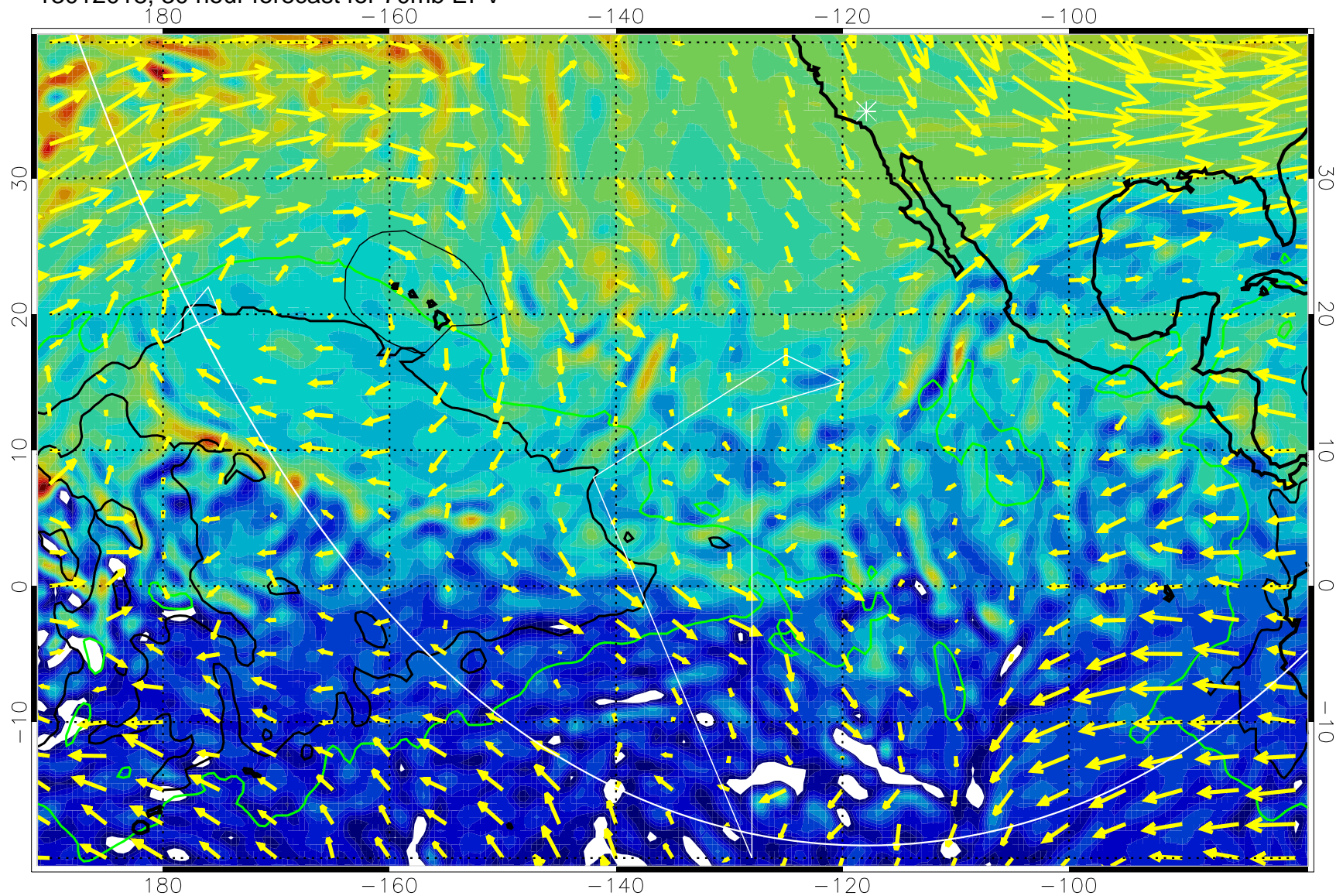


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012018, 30 hour forecast for 70mb EPV

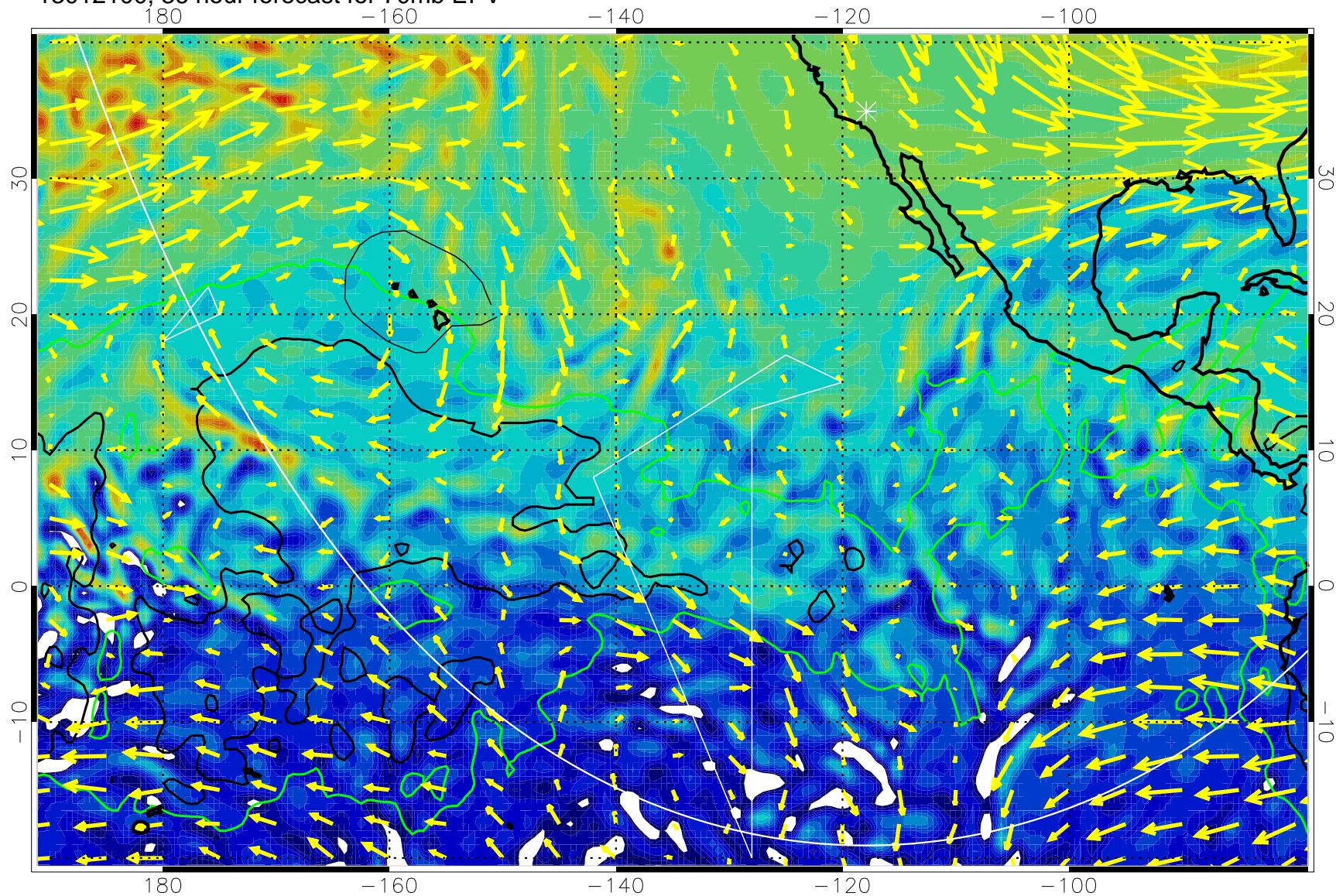


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012100, 36 hour forecast for 70mb EPV

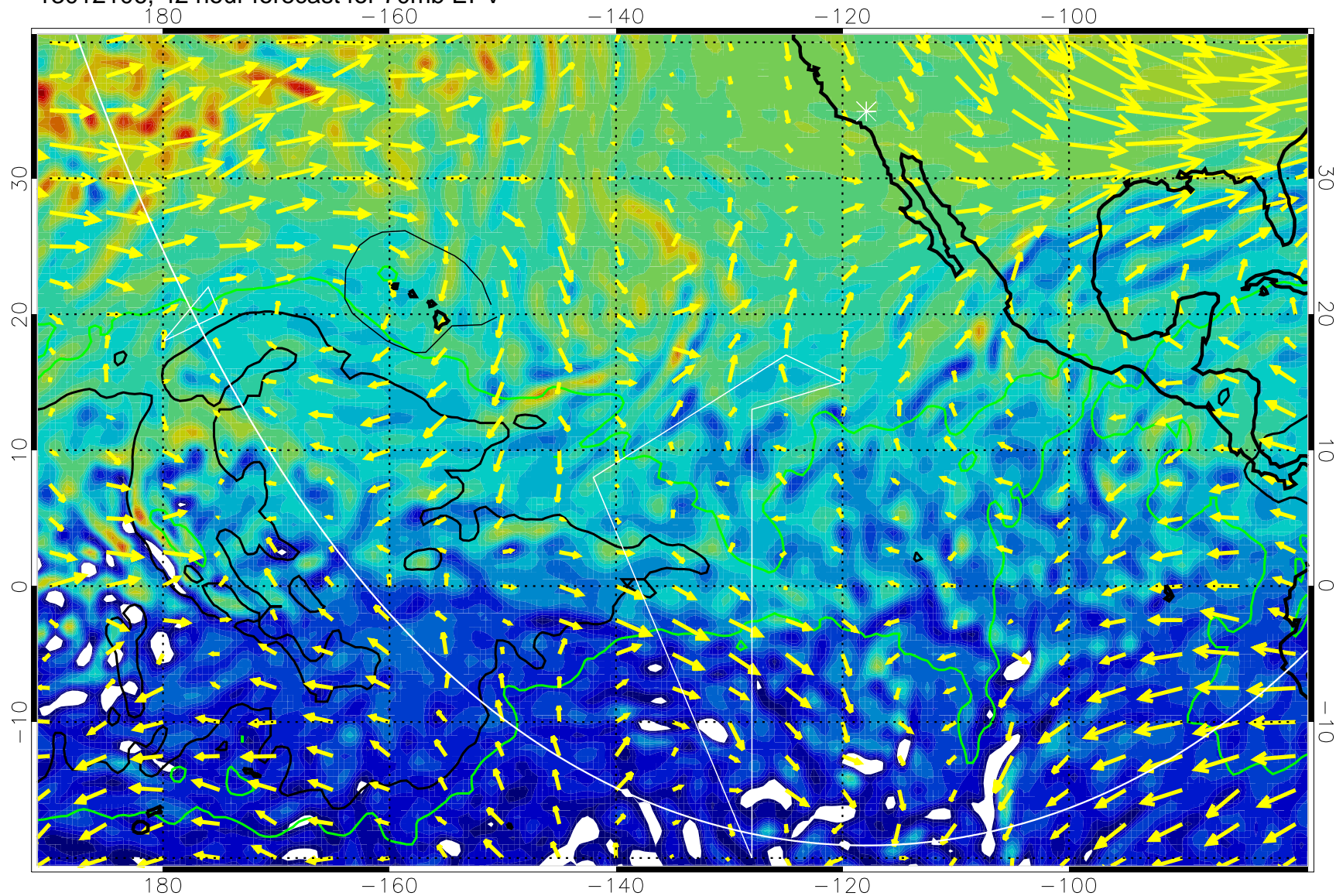


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012106, 42 hour forecast for 70mb EPV



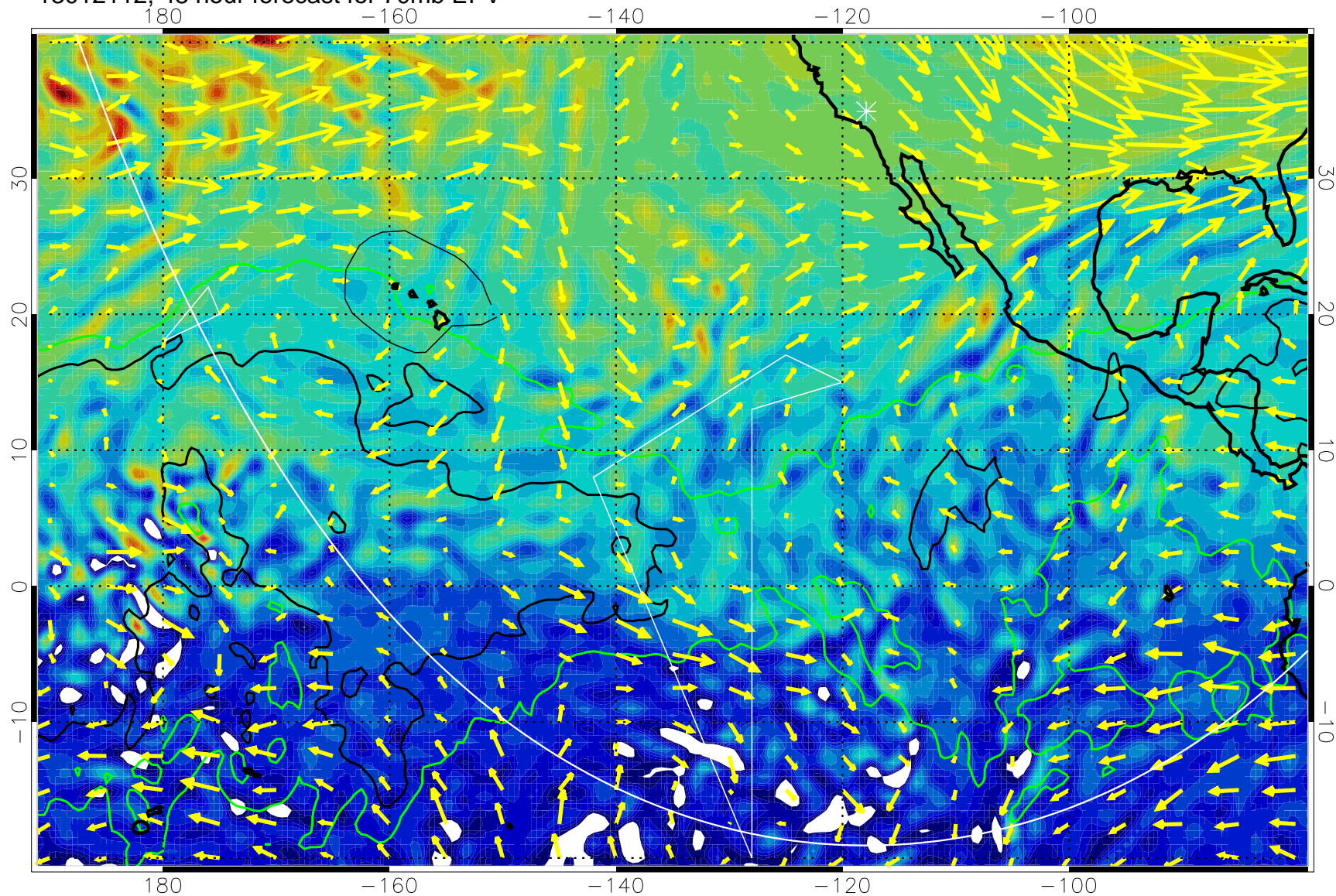
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012112, 48 hour forecast for 70mb EPV

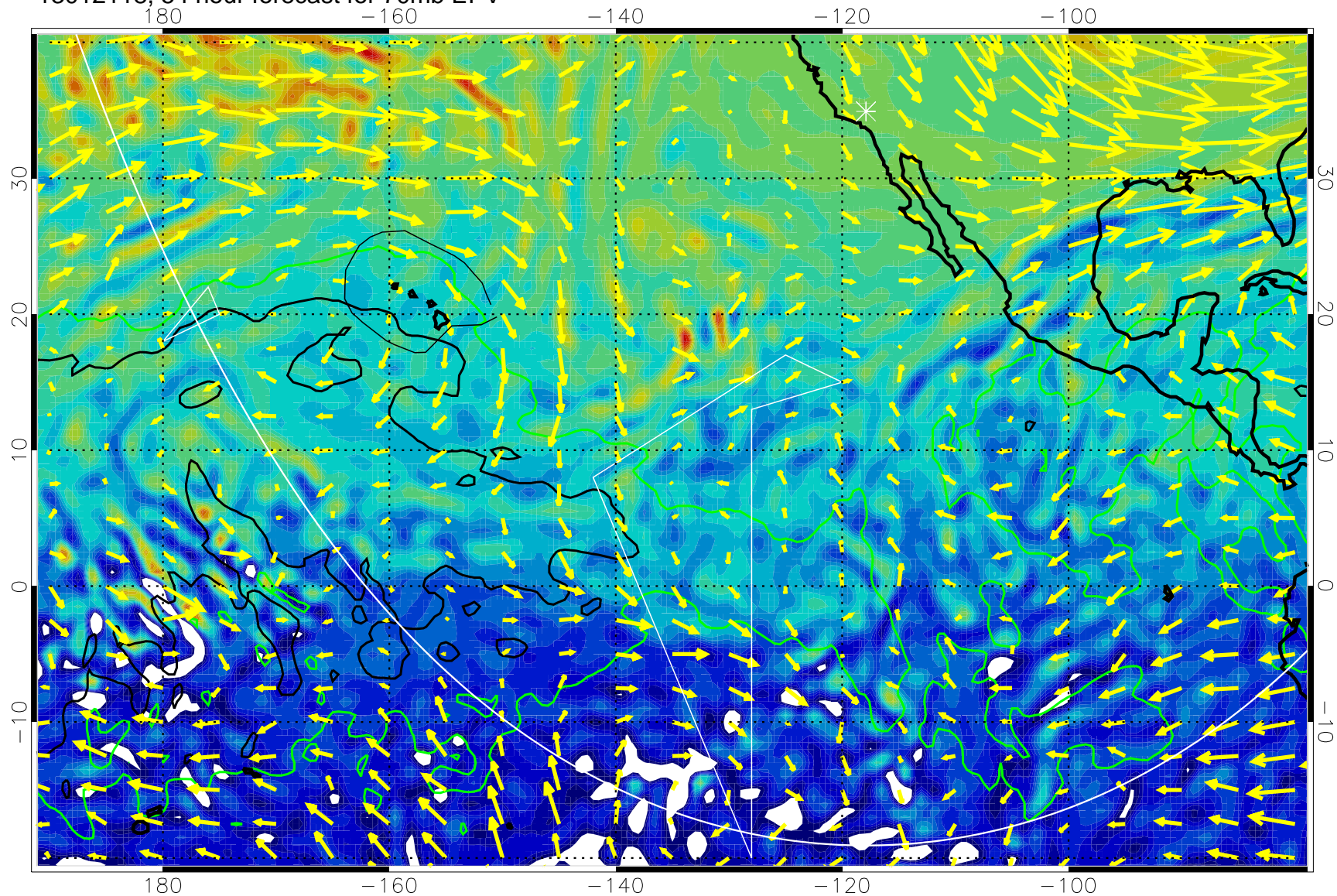


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012118, 54 hour forecast for 70mb EPV



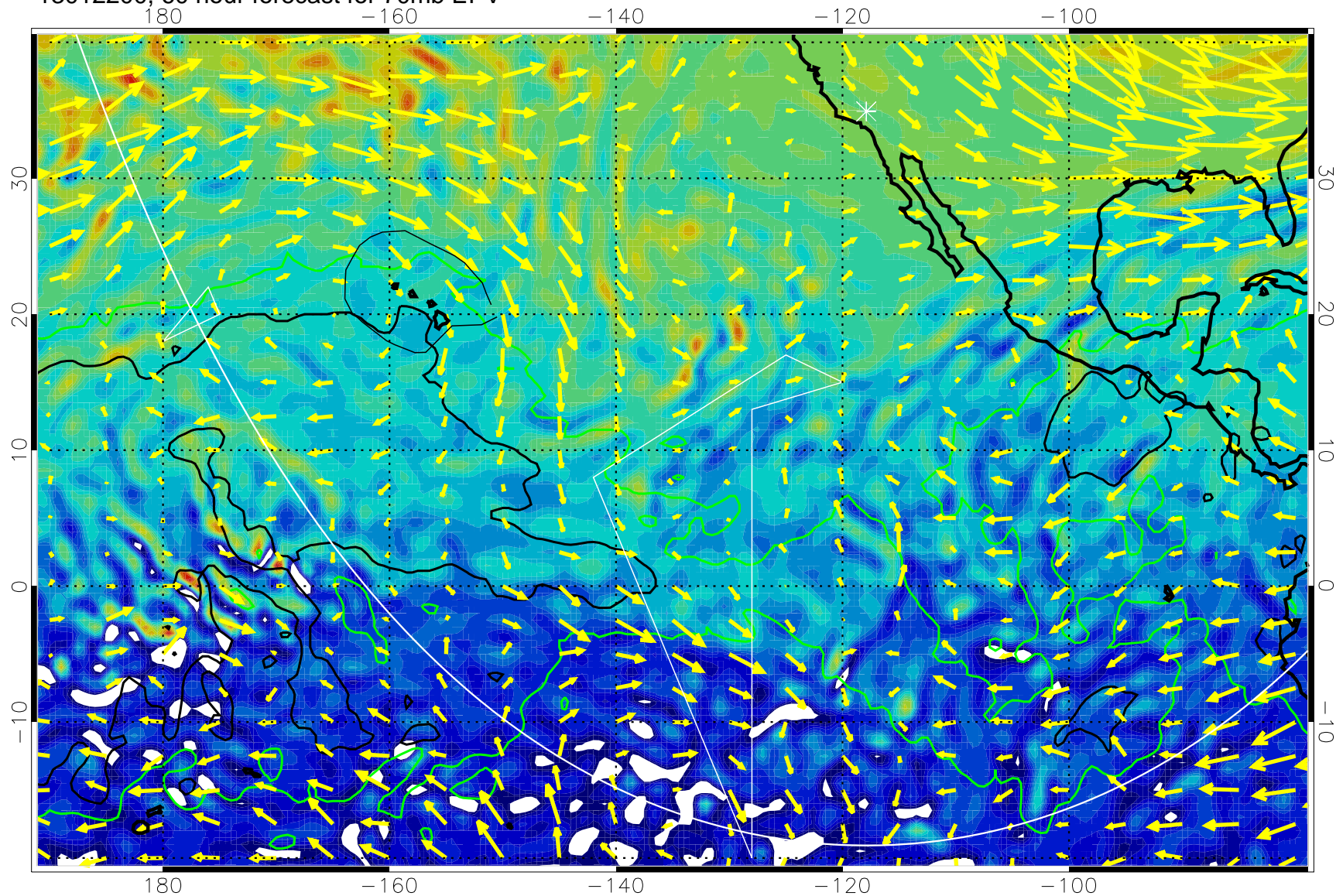
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012200, 60 hour forecast for 70mb EPV

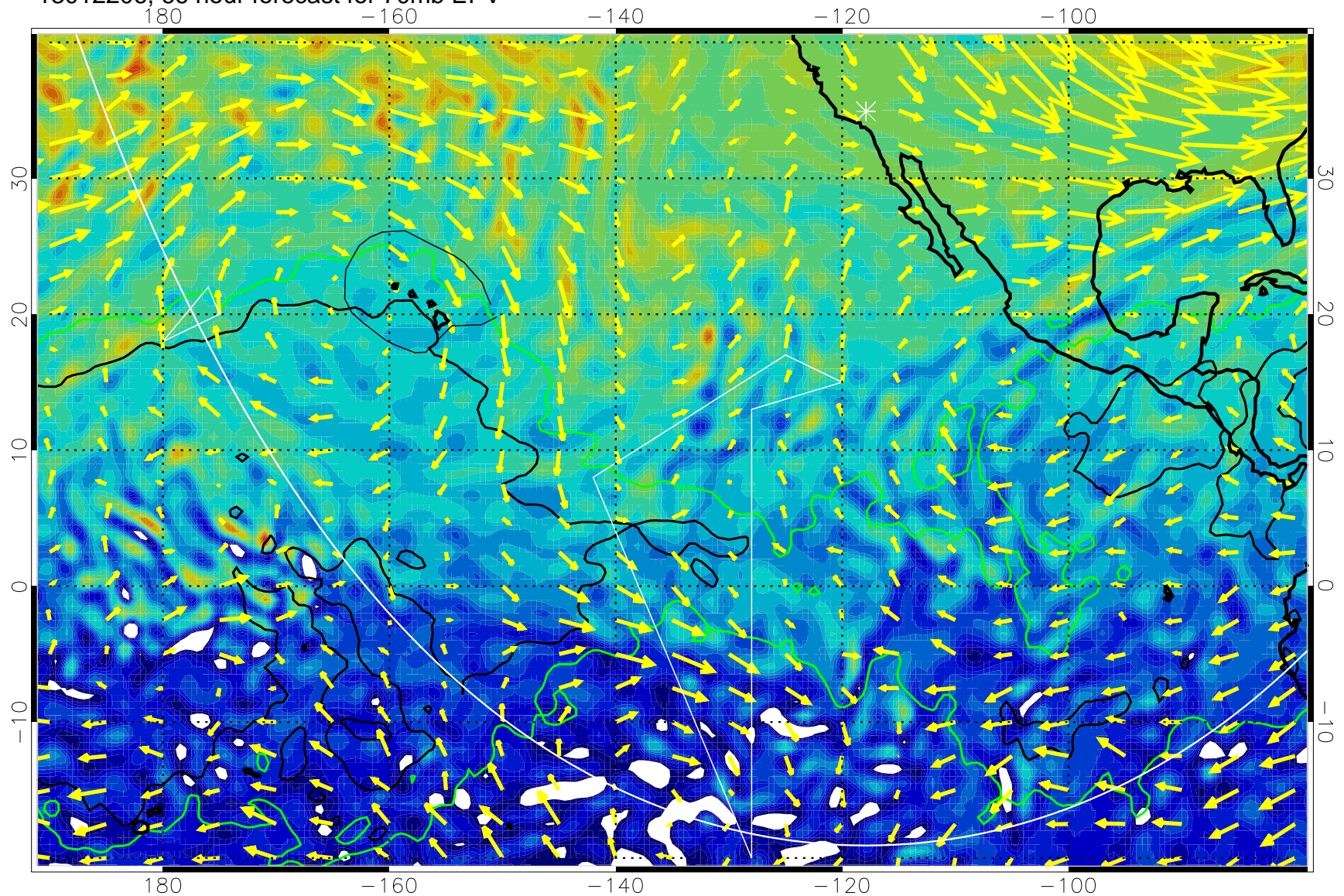


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012206, 66 hour forecast for 70mb EPV



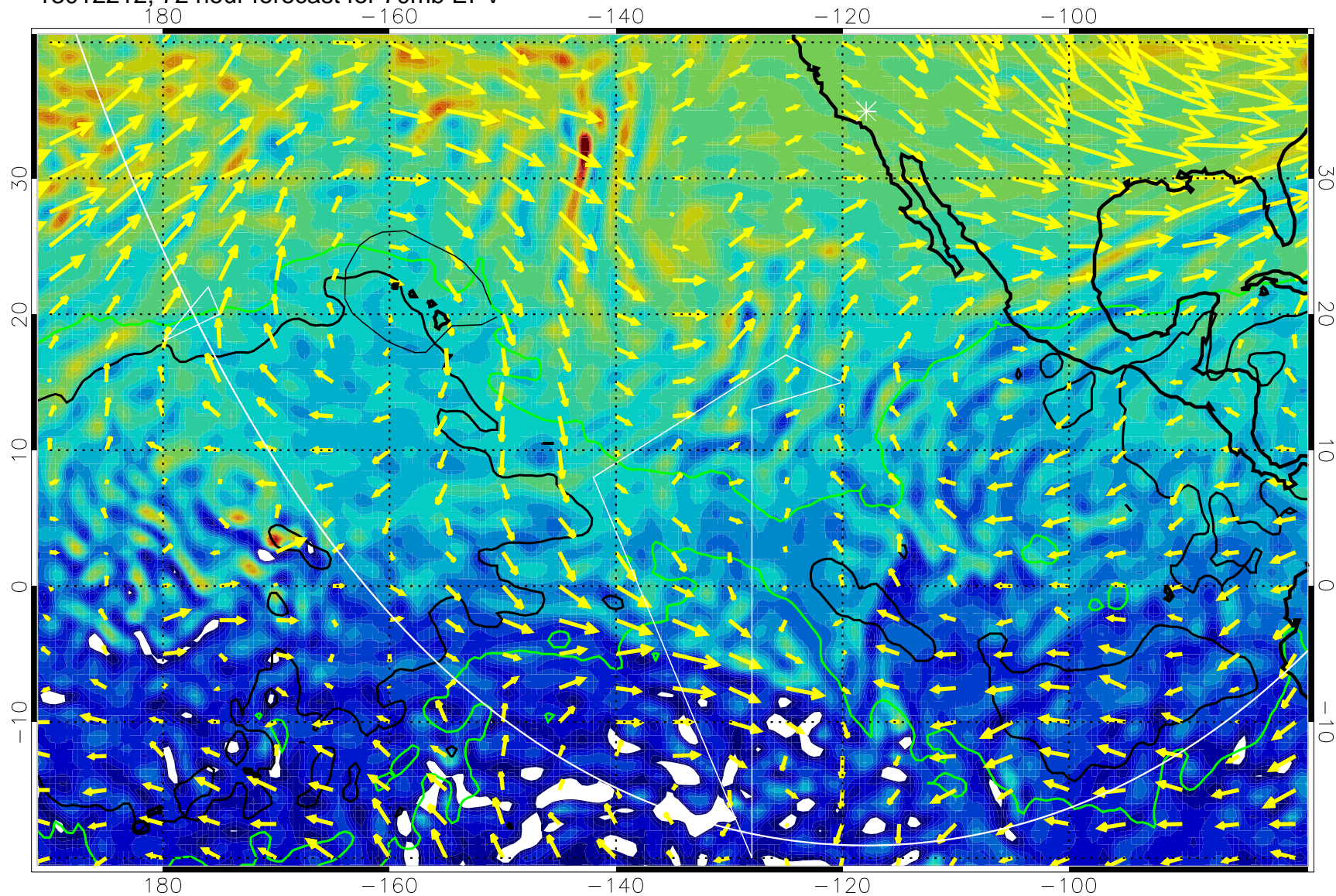
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012212, 72 hour forecast for 70mb EPV

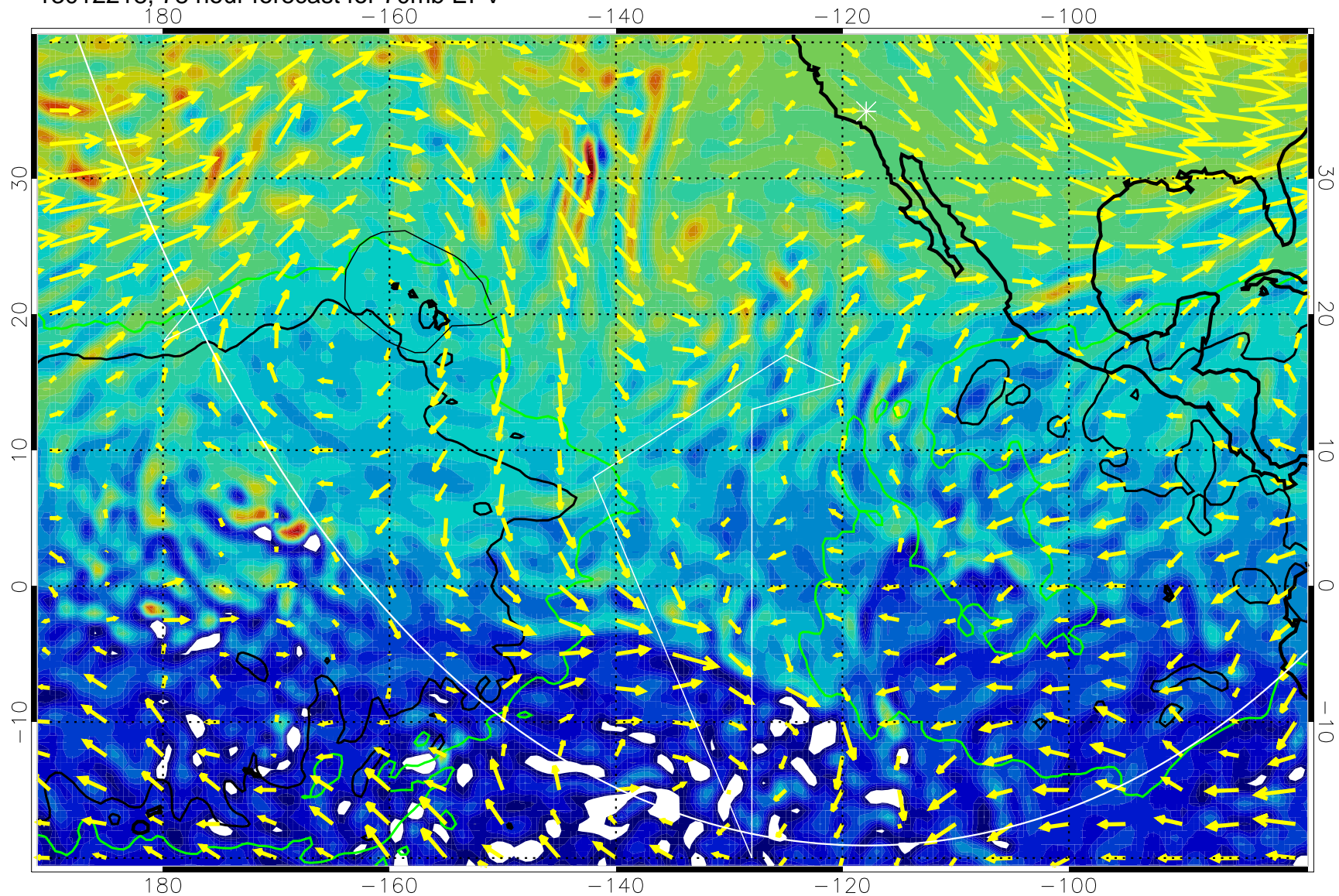


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012218, 78 hour forecast for 70mb EPV

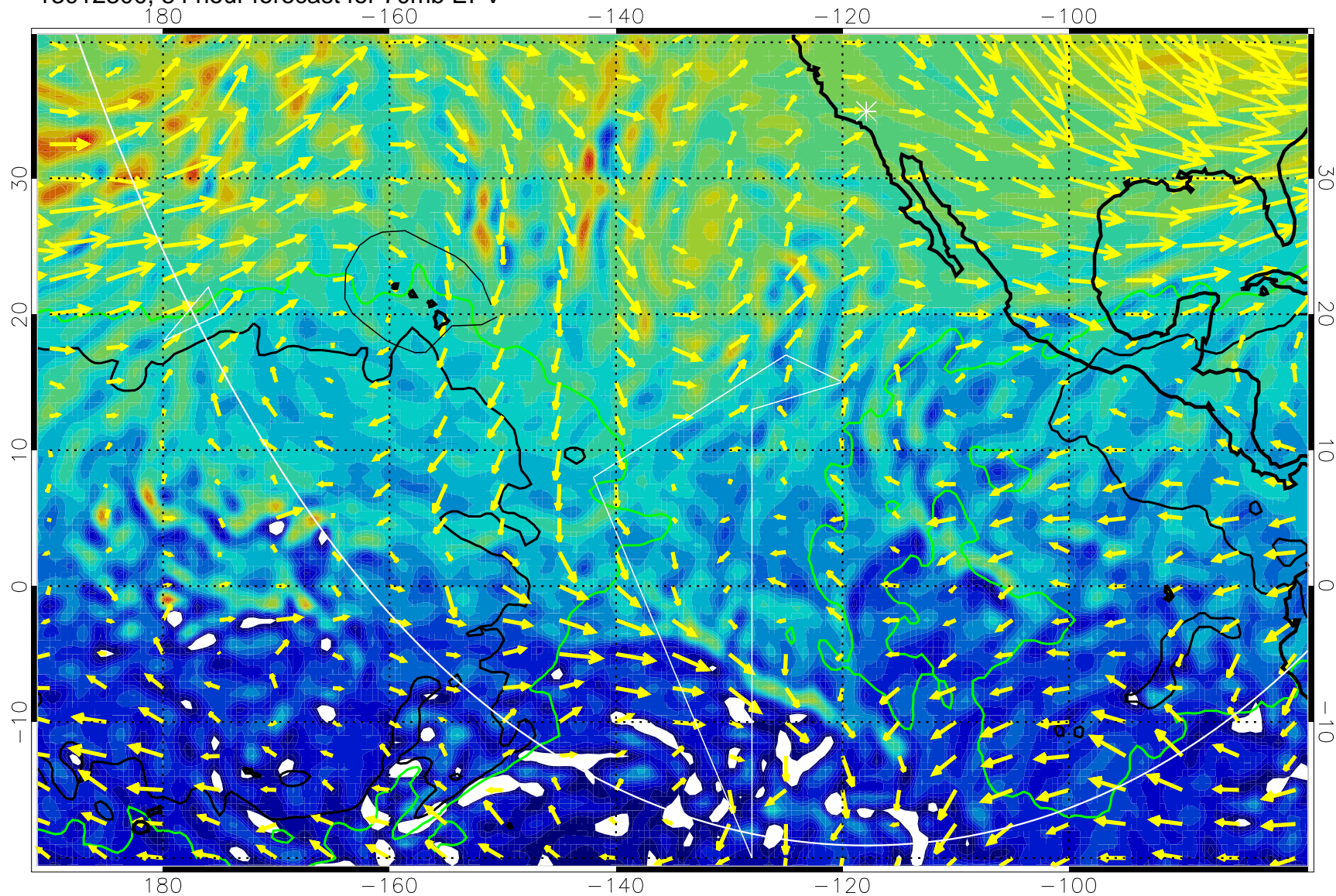


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012300, 84 hour forecast for 70mb EPV



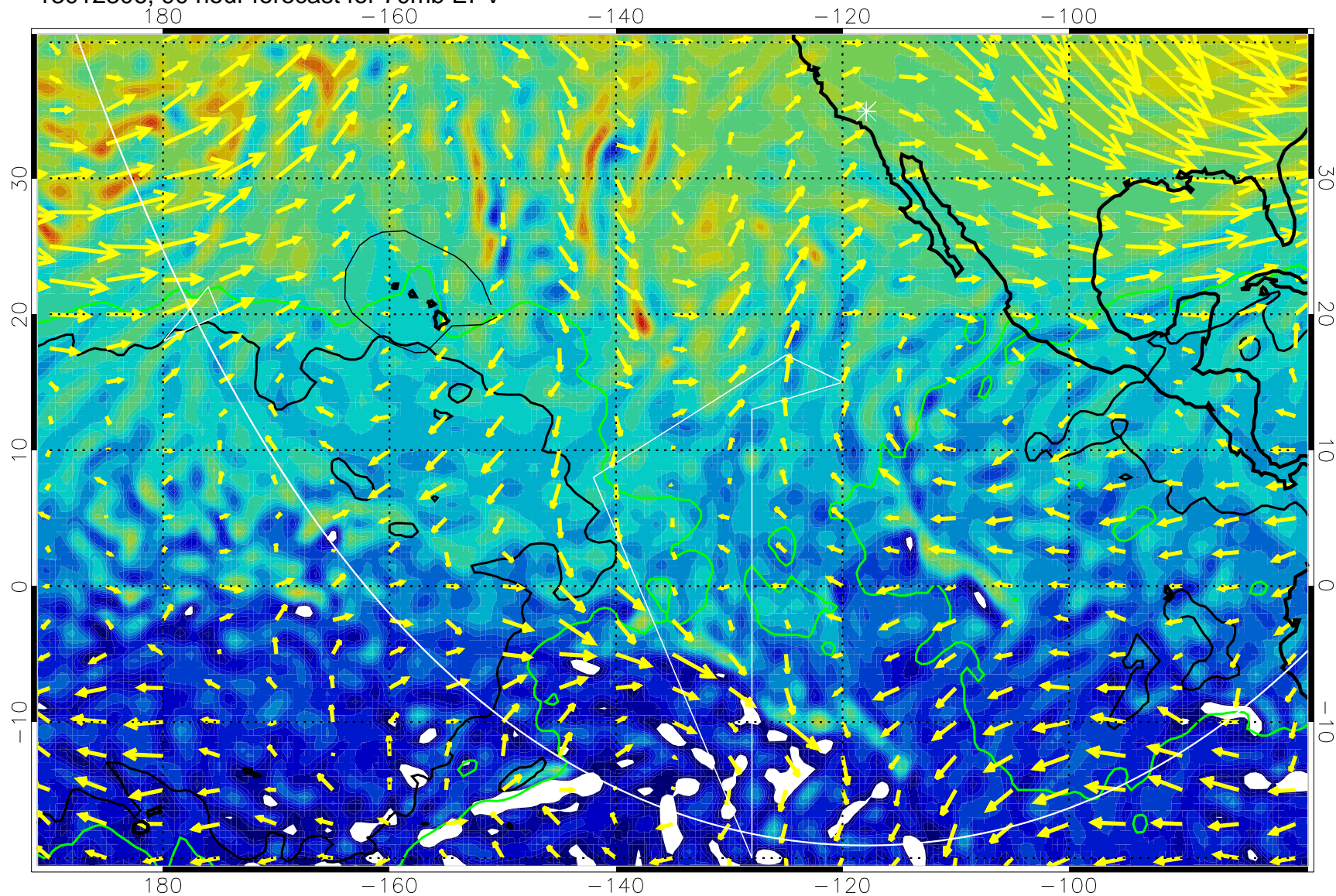
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012306, 90 hour forecast for 70mb EPV

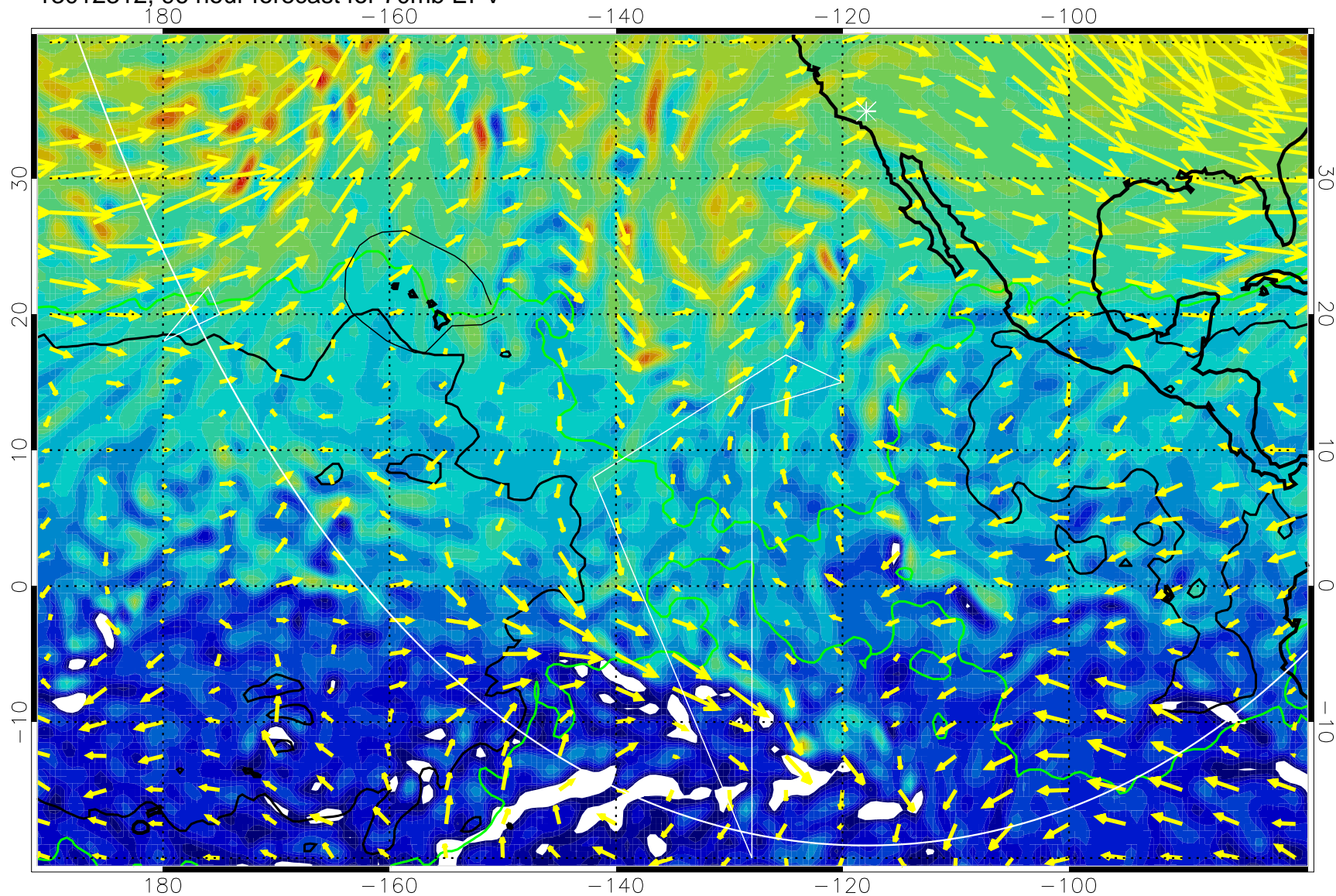


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012312, 96 hour forecast for 70mb EPV



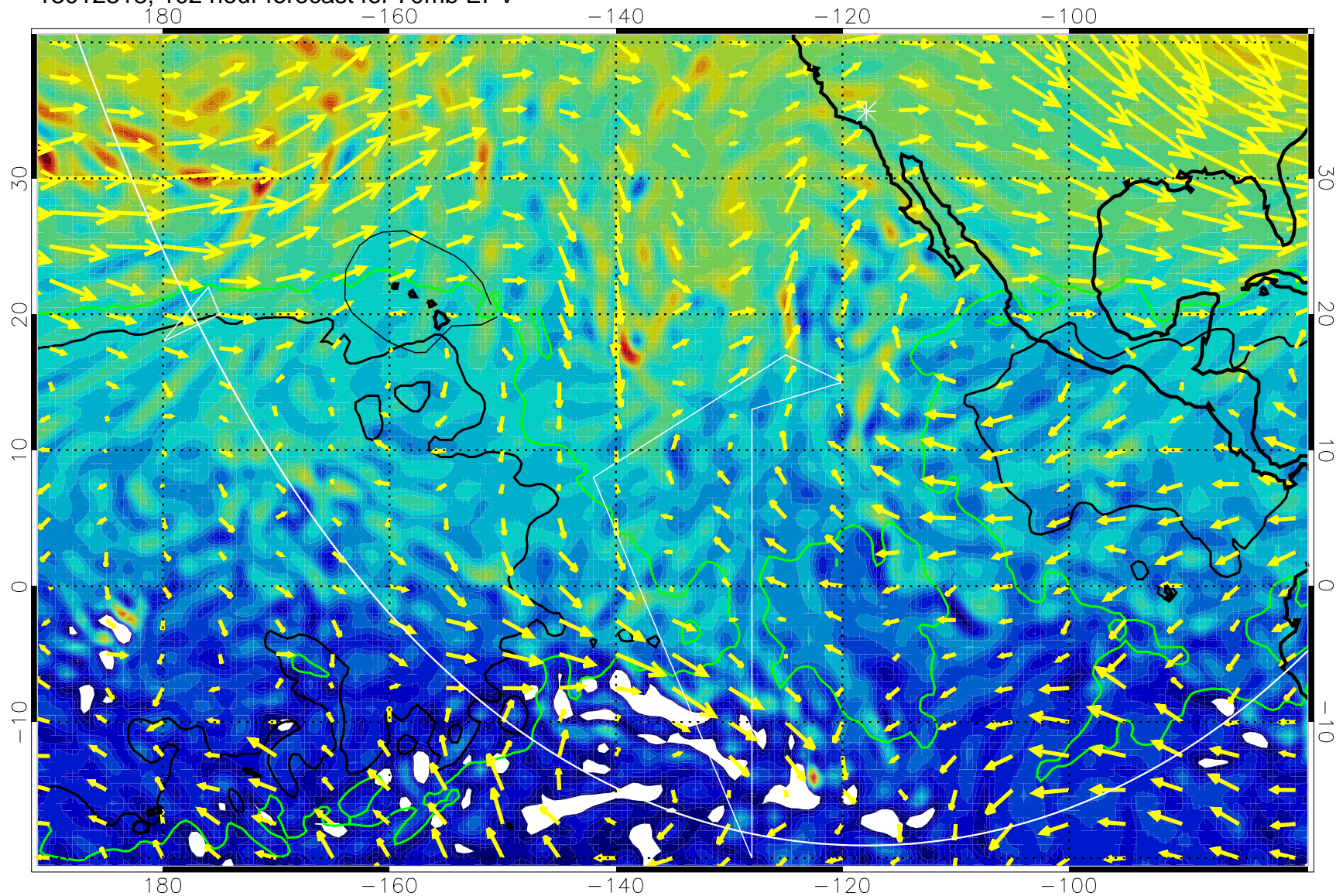
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012318, 102 hour forecast for 70mb EPV

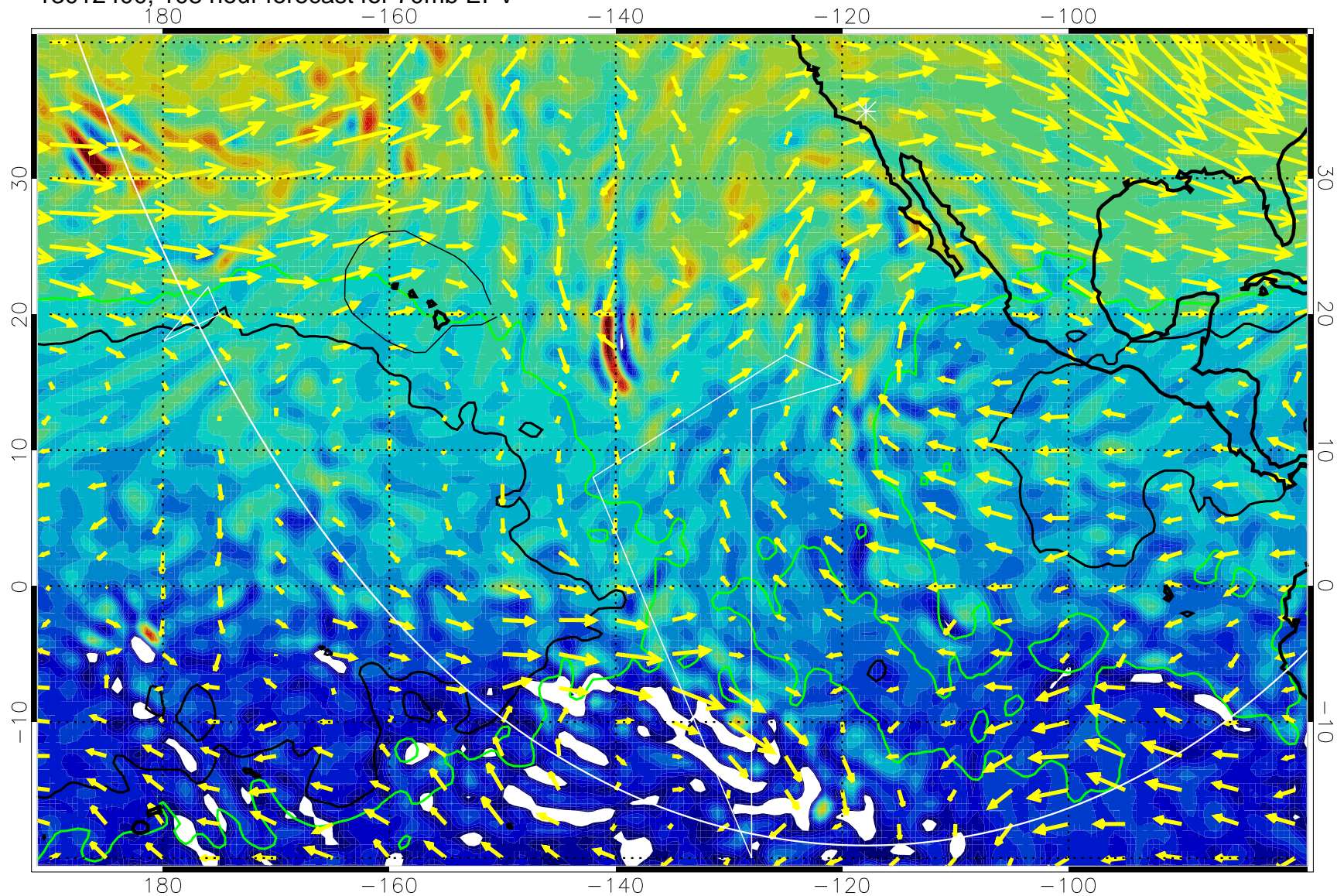


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012400, 108 hour forecast for 70mb EPV

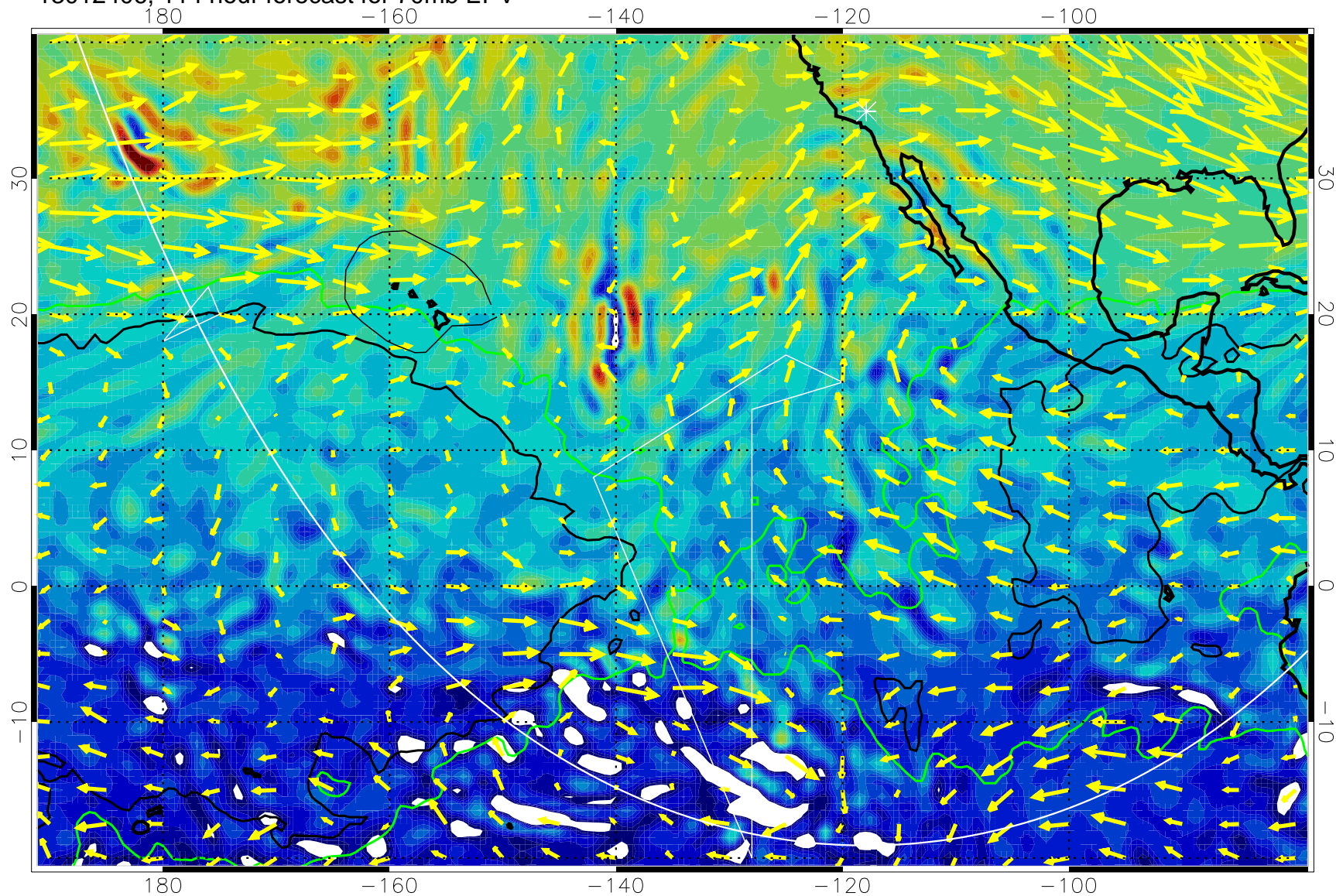


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012406, 114 hour forecast for 70mb EPV

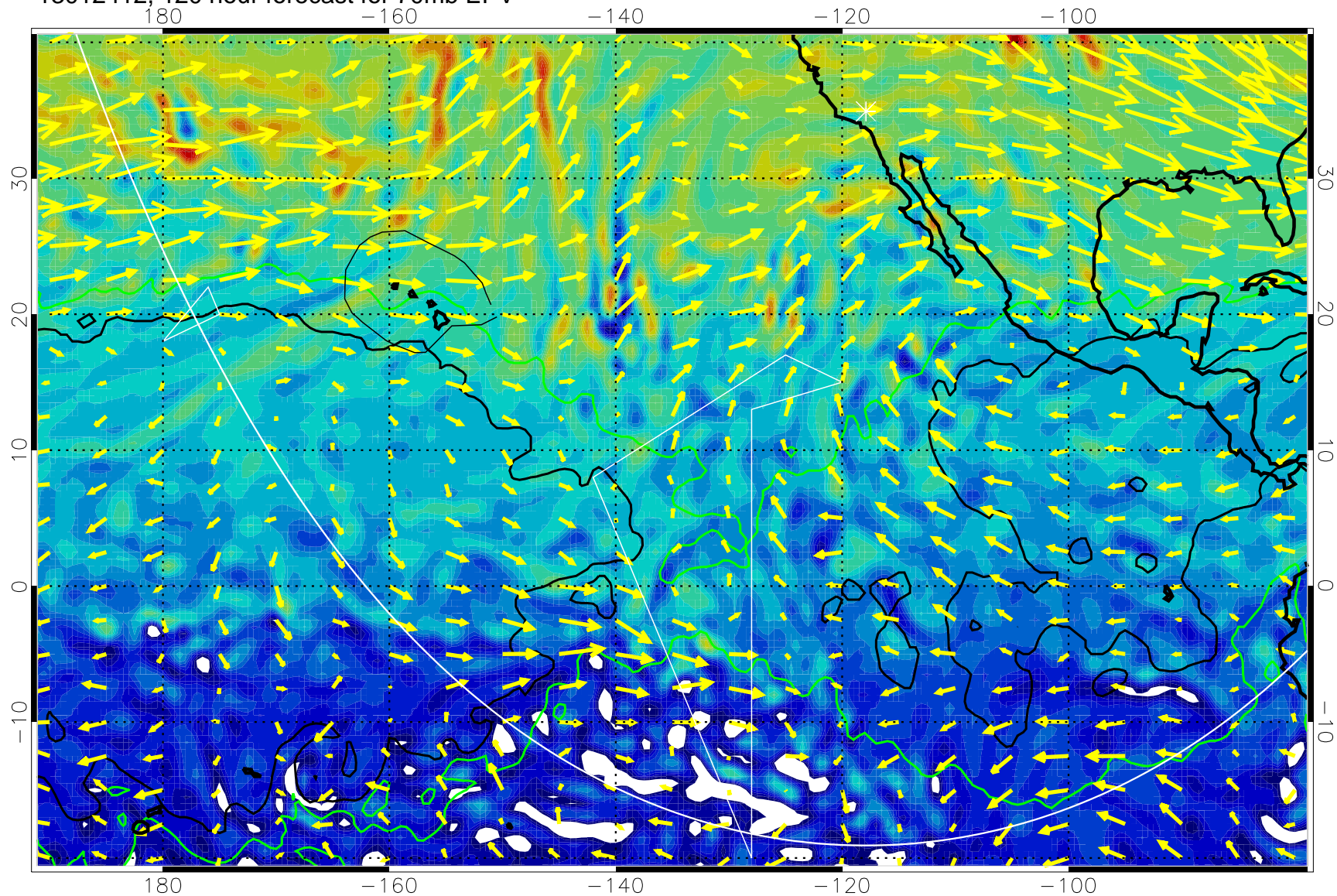


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012412, 120 hour forecast for 70mb EPV



$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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