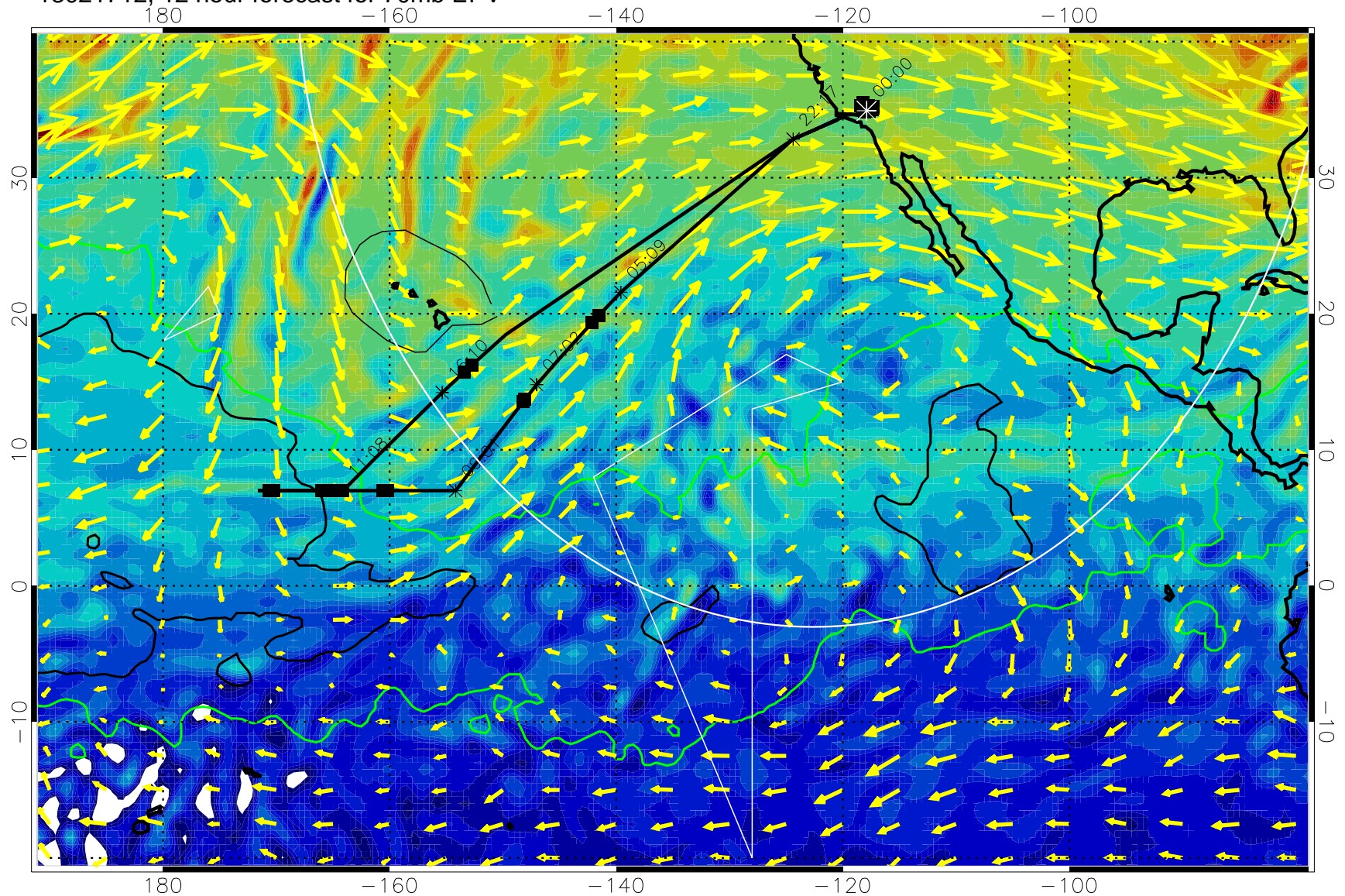


13021712, 12 hour forecast for 70mb EPV



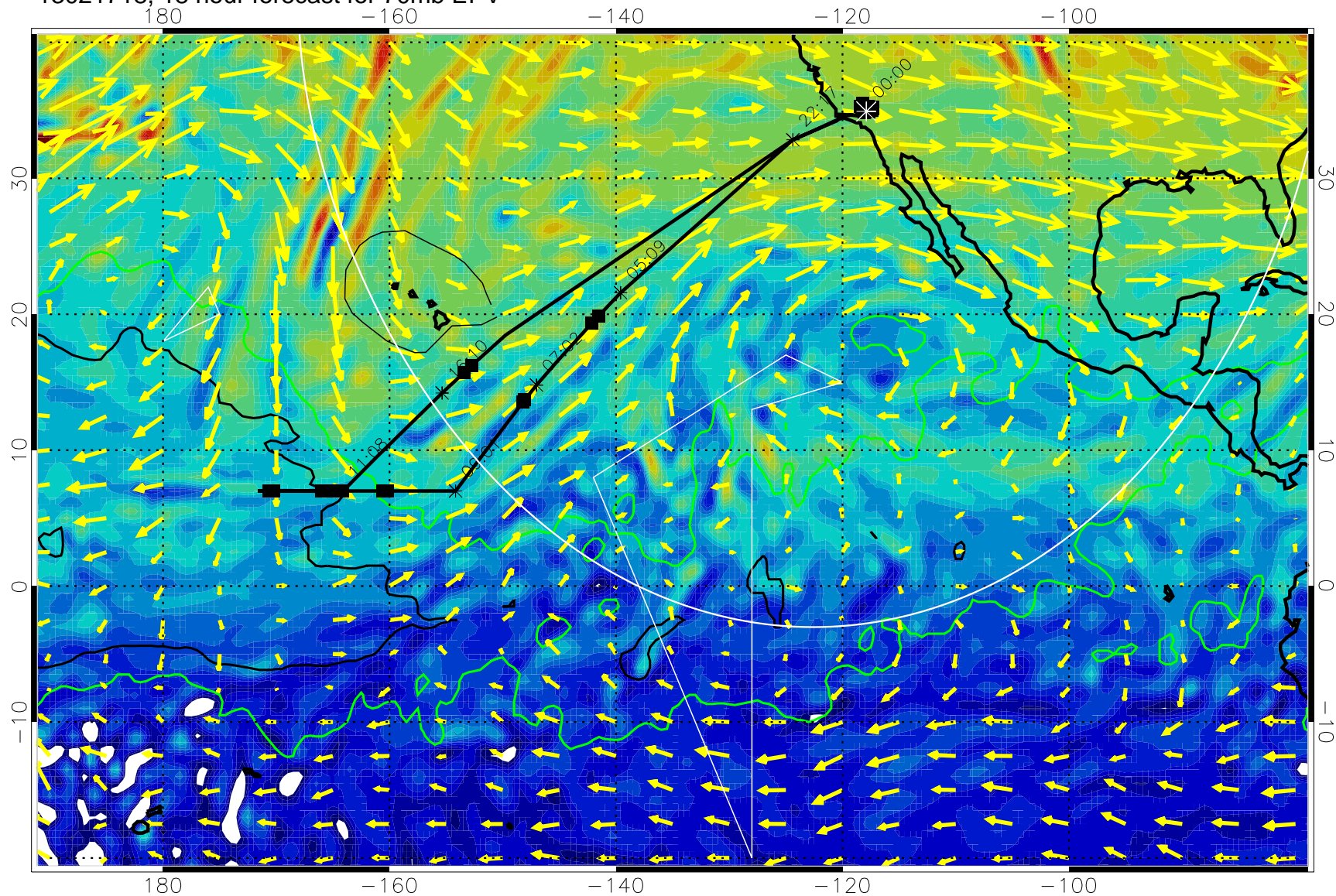
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021718, 18 hour forecast for 70mb EPV



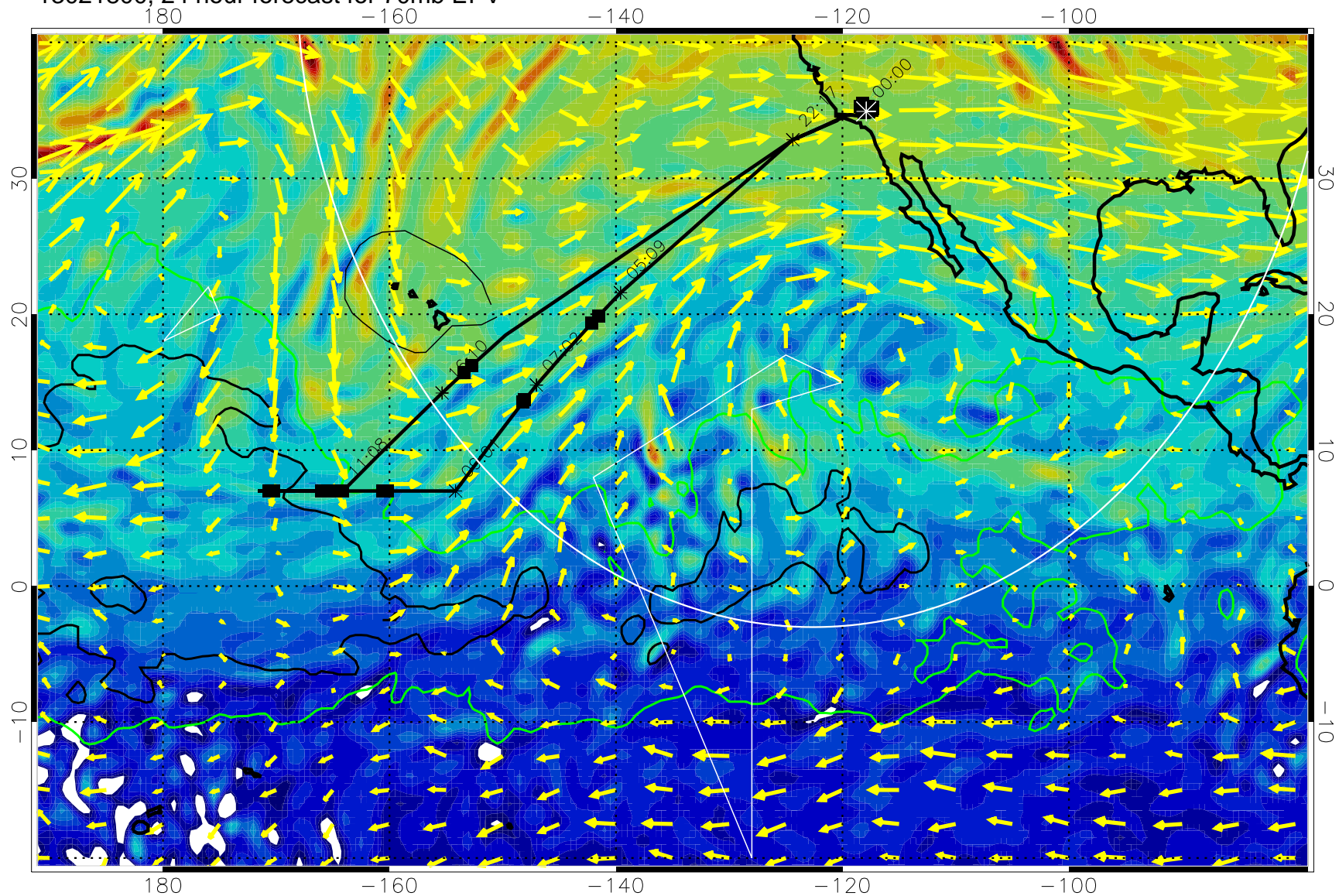
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021800, 24 hour forecast for 70mb EPV



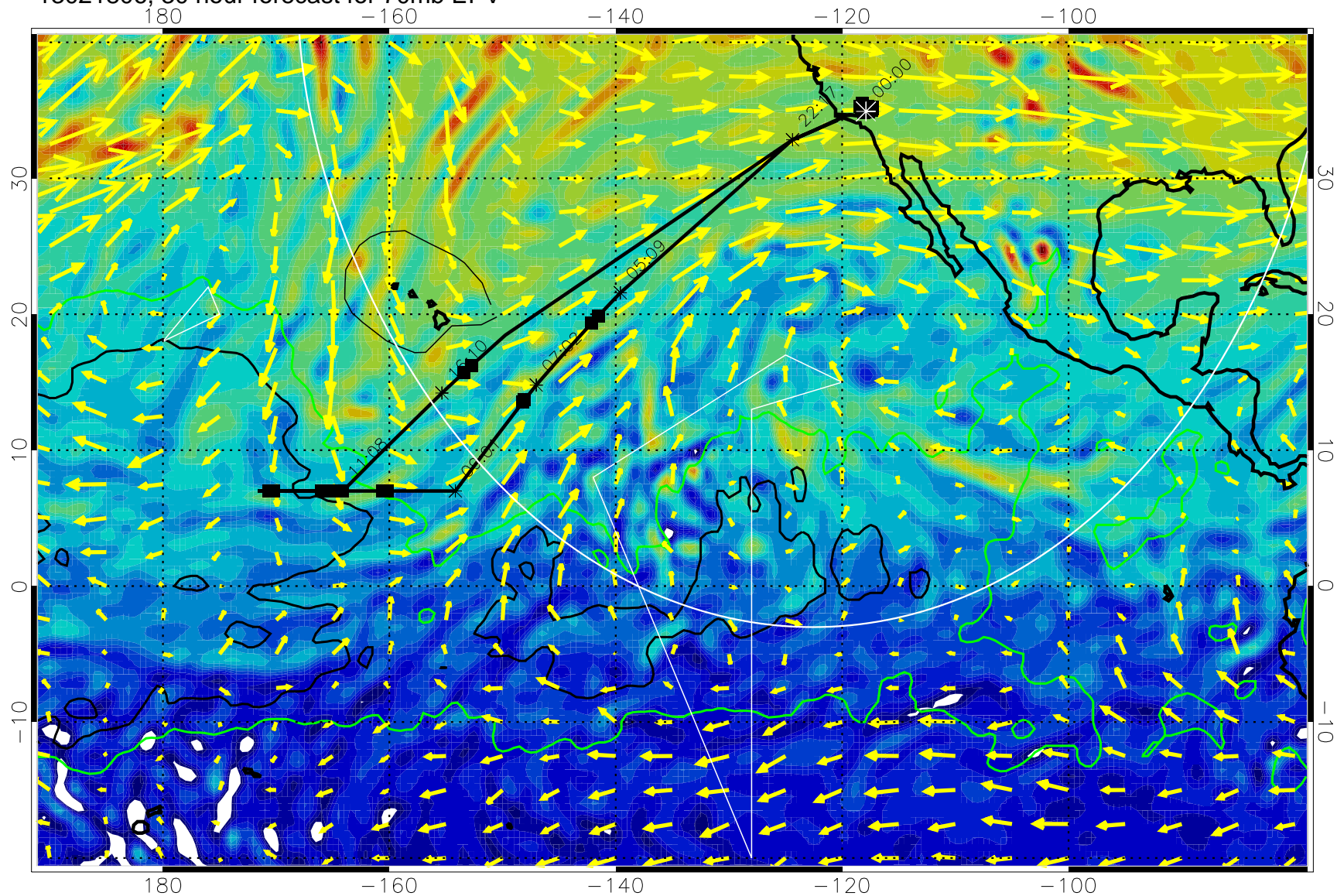
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021806, 30 hour forecast for 70mb EPV



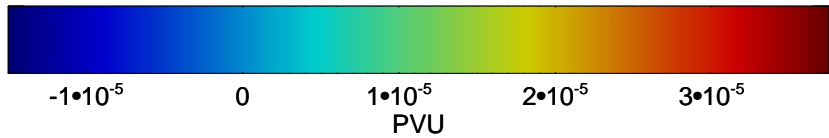
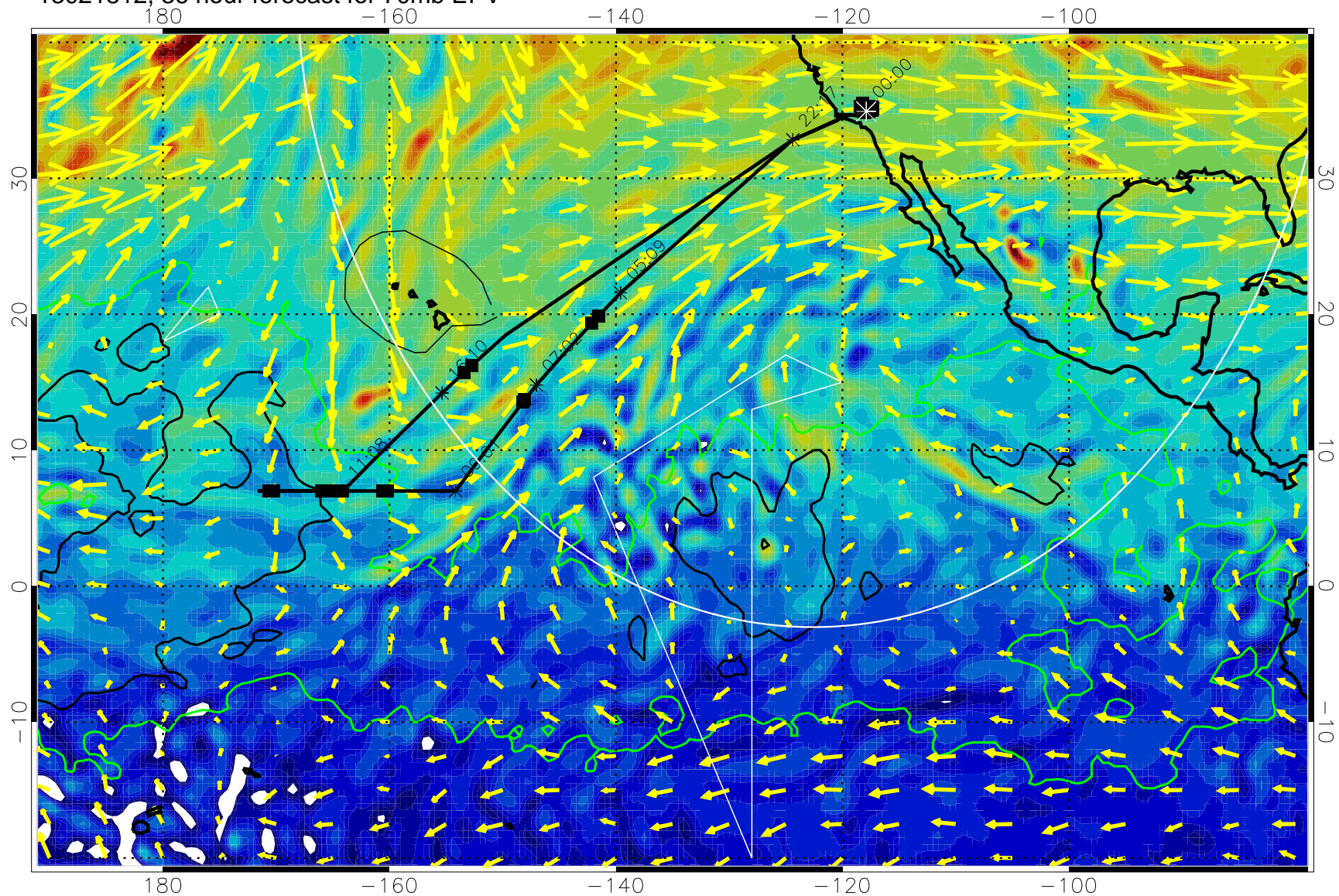
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021812, 36 hour forecast for 70mb EPV

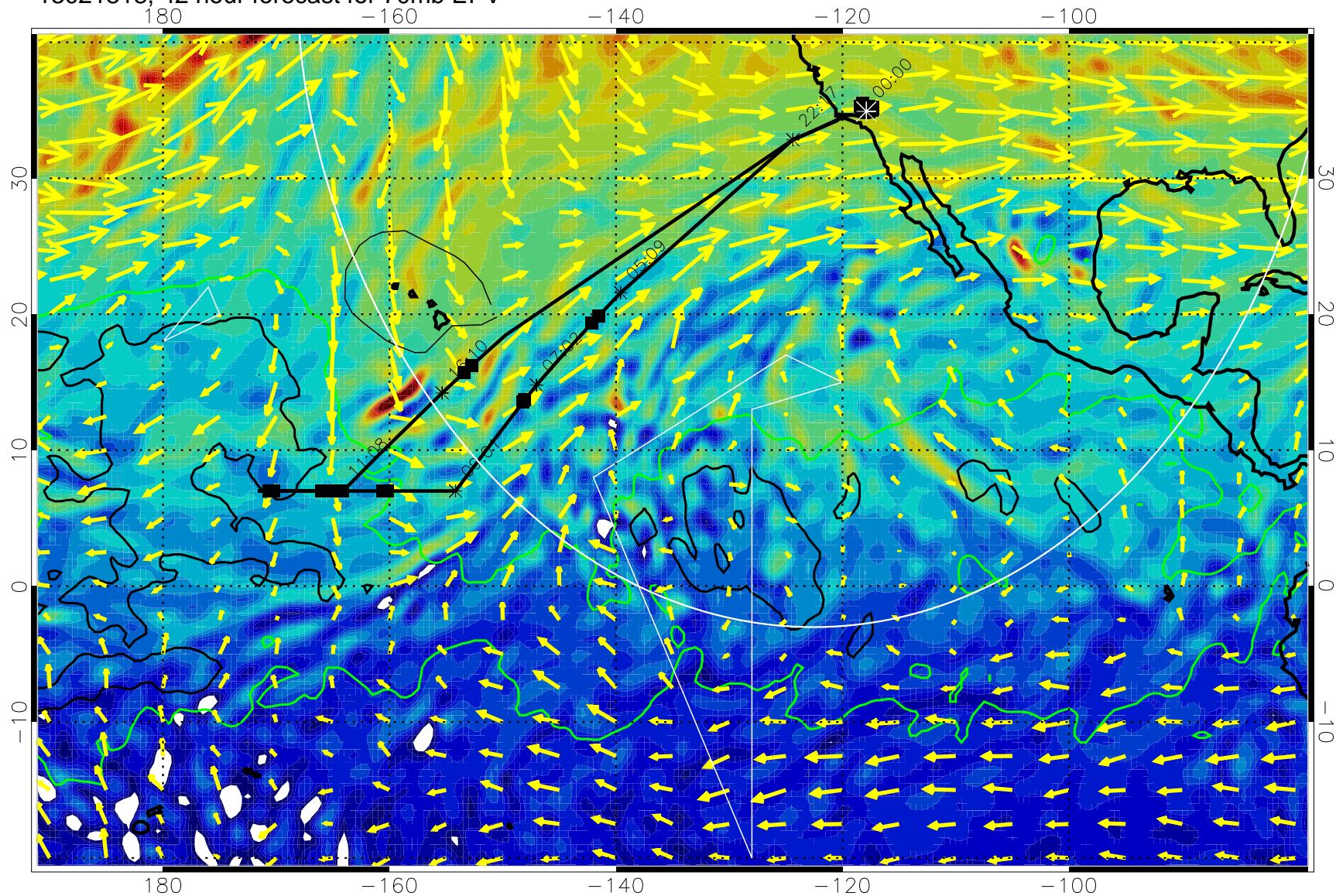


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021818, 42 hour forecast for 70mb EPV



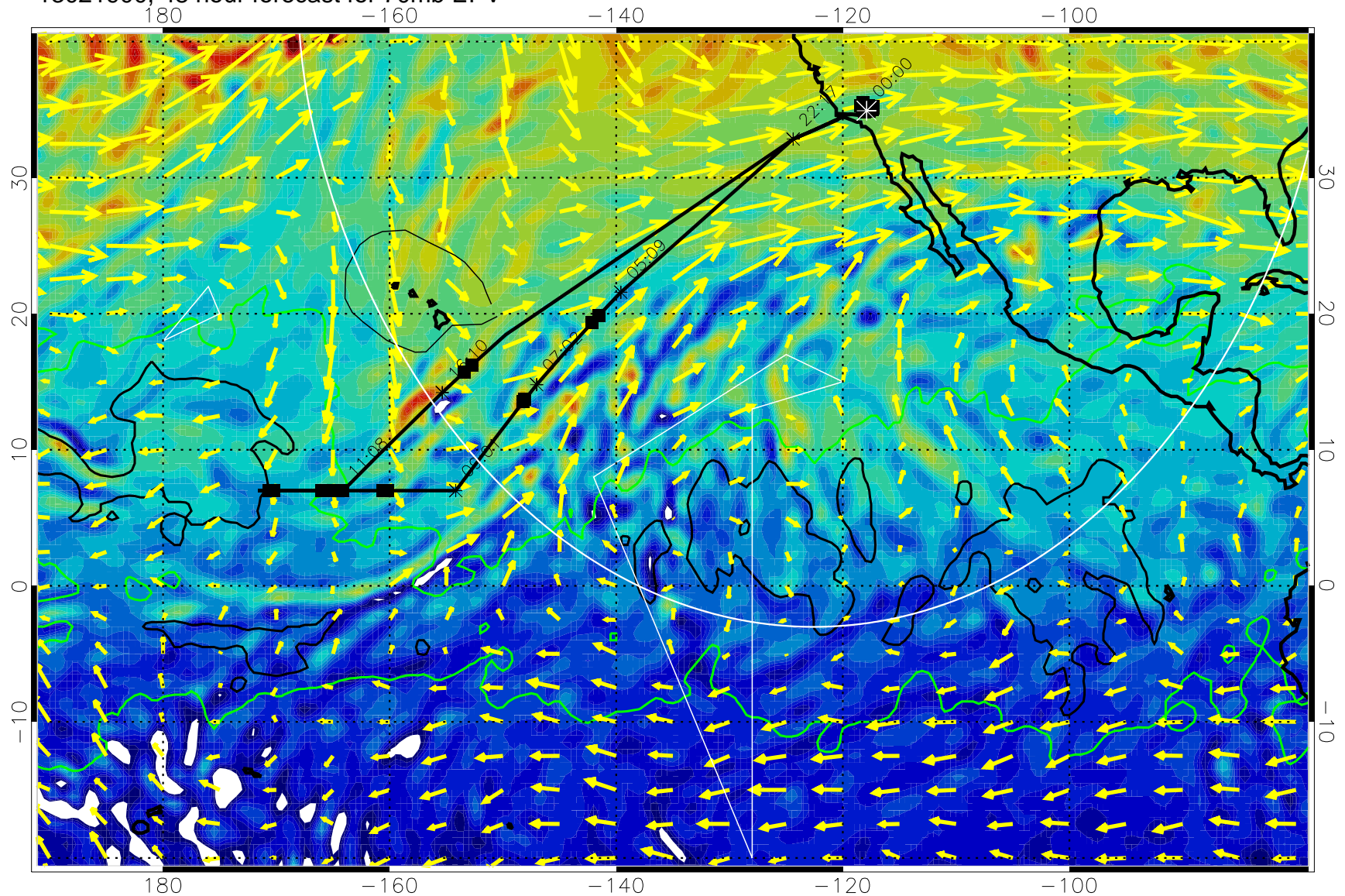
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021900, 48 hour forecast for 70mb EPV



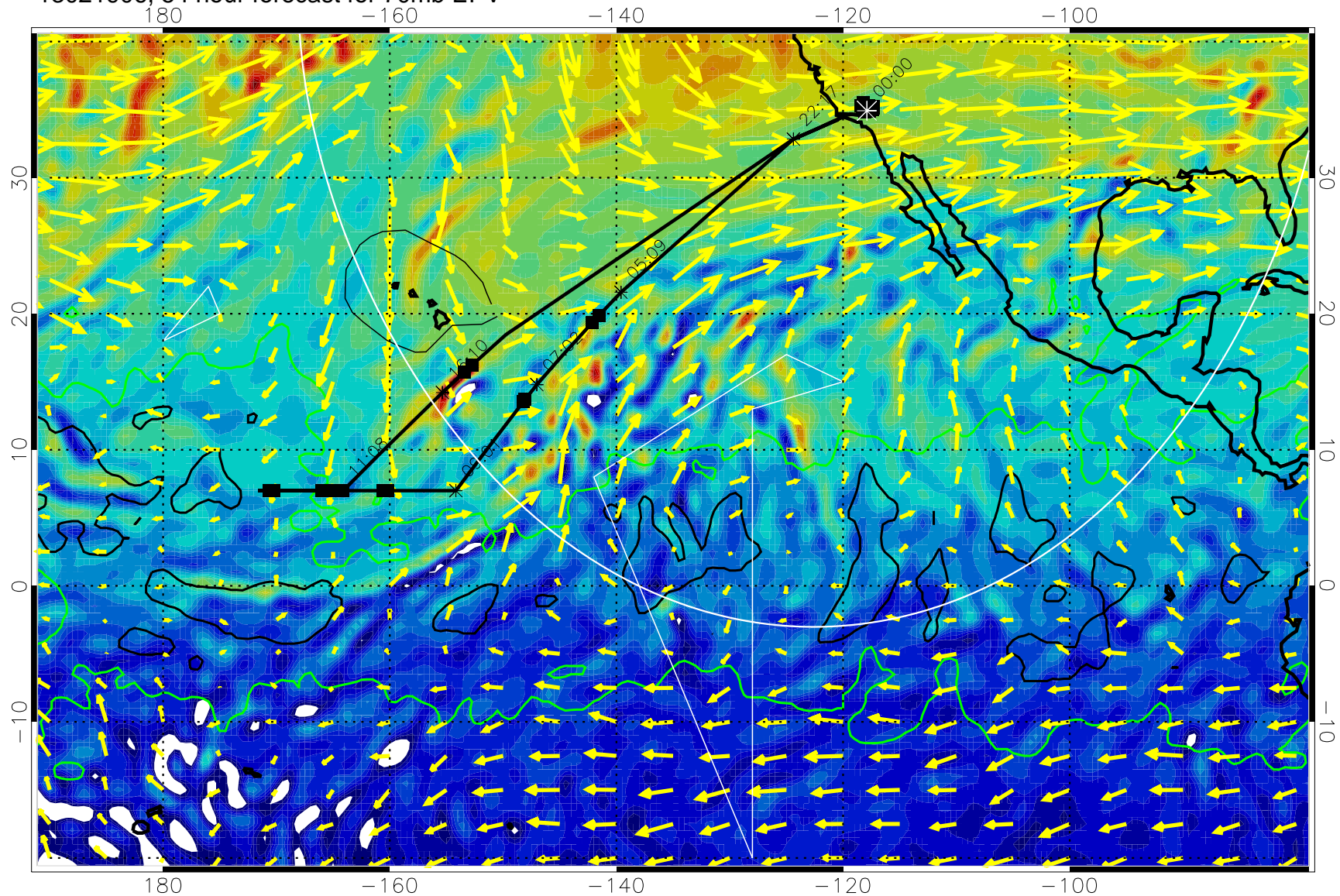
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021906, 54 hour forecast for 70mb EPV



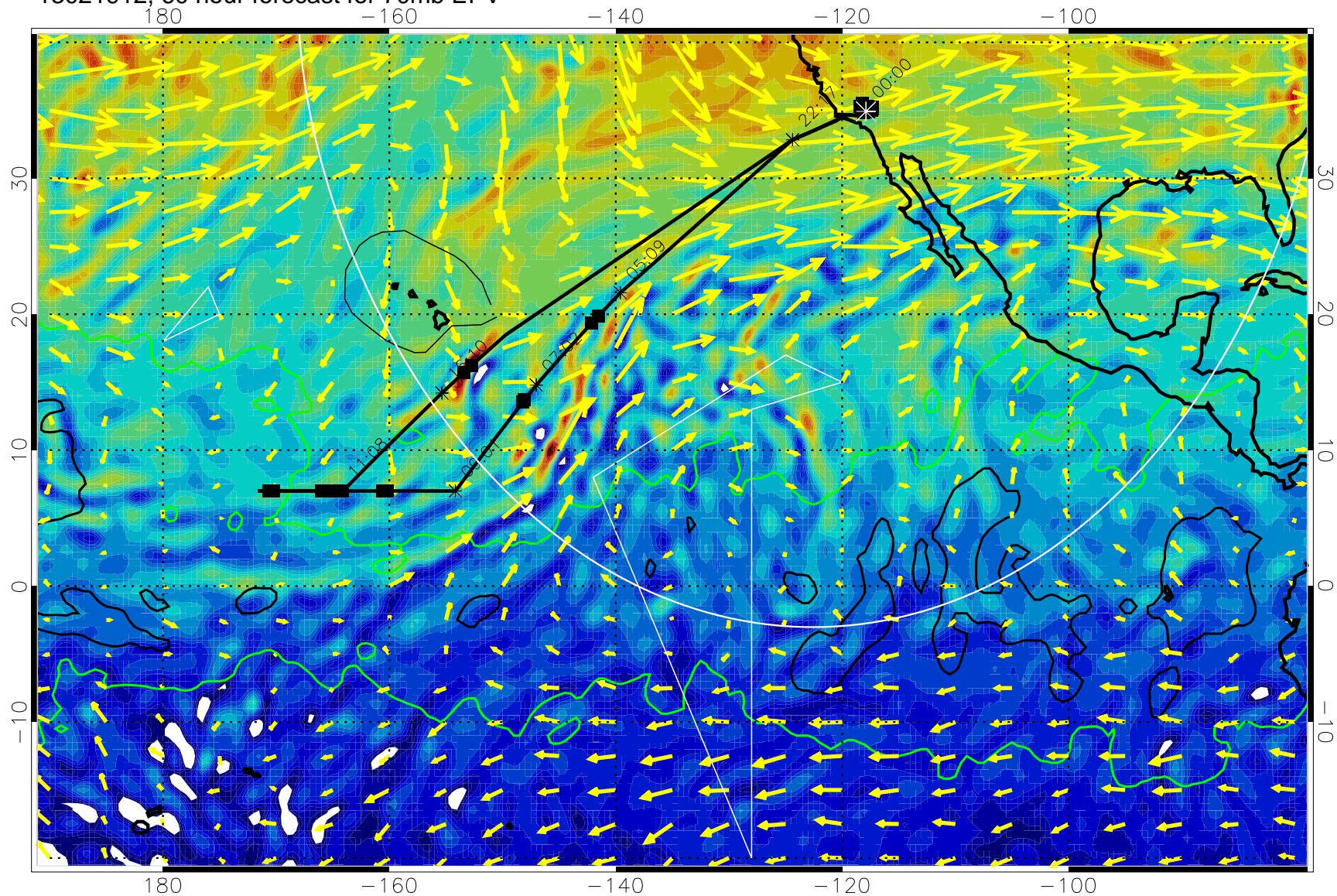
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021912, 60 hour forecast for 70mb EPV



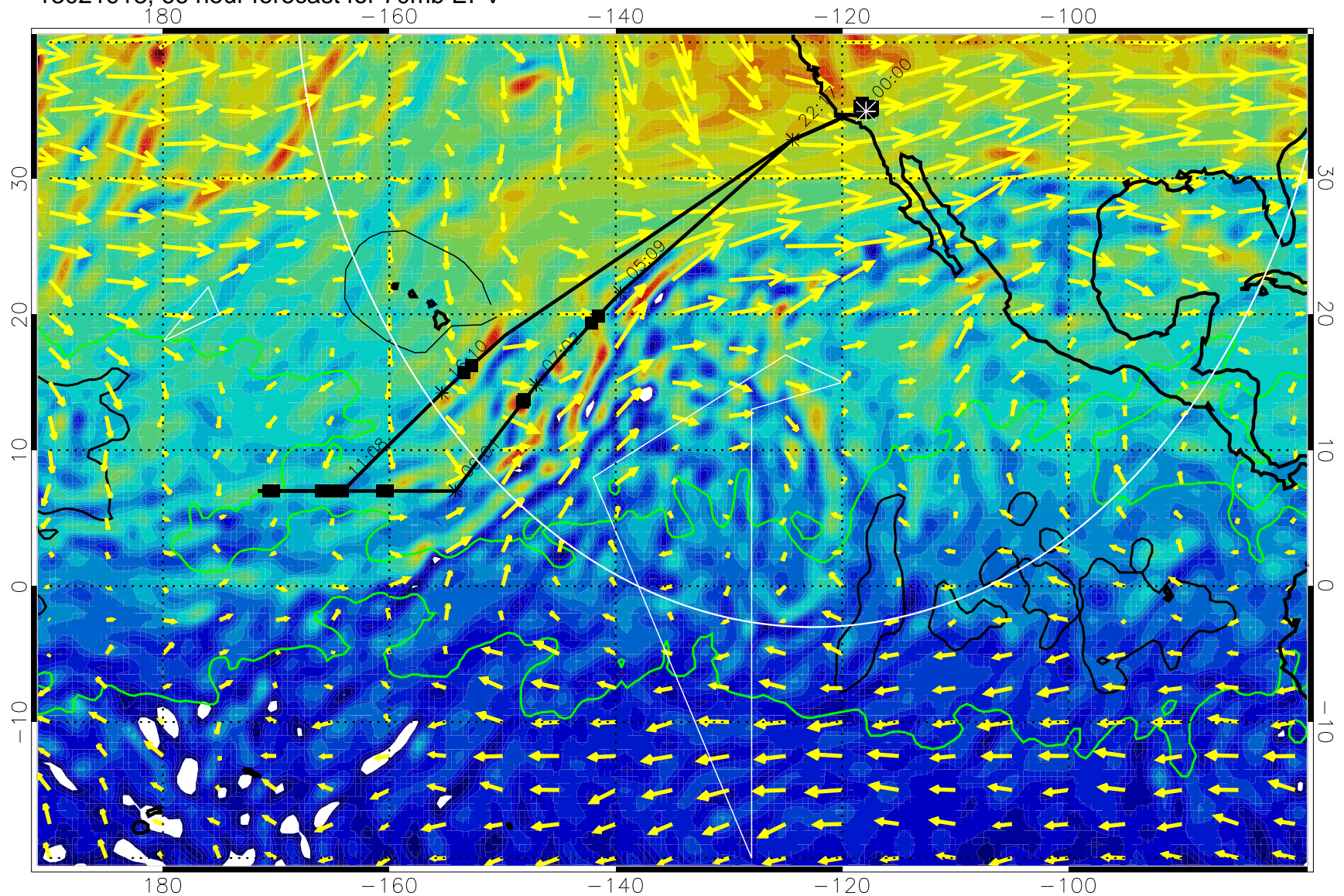
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021918, 66 hour forecast for 70mb EPV



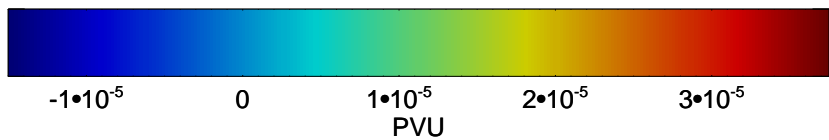
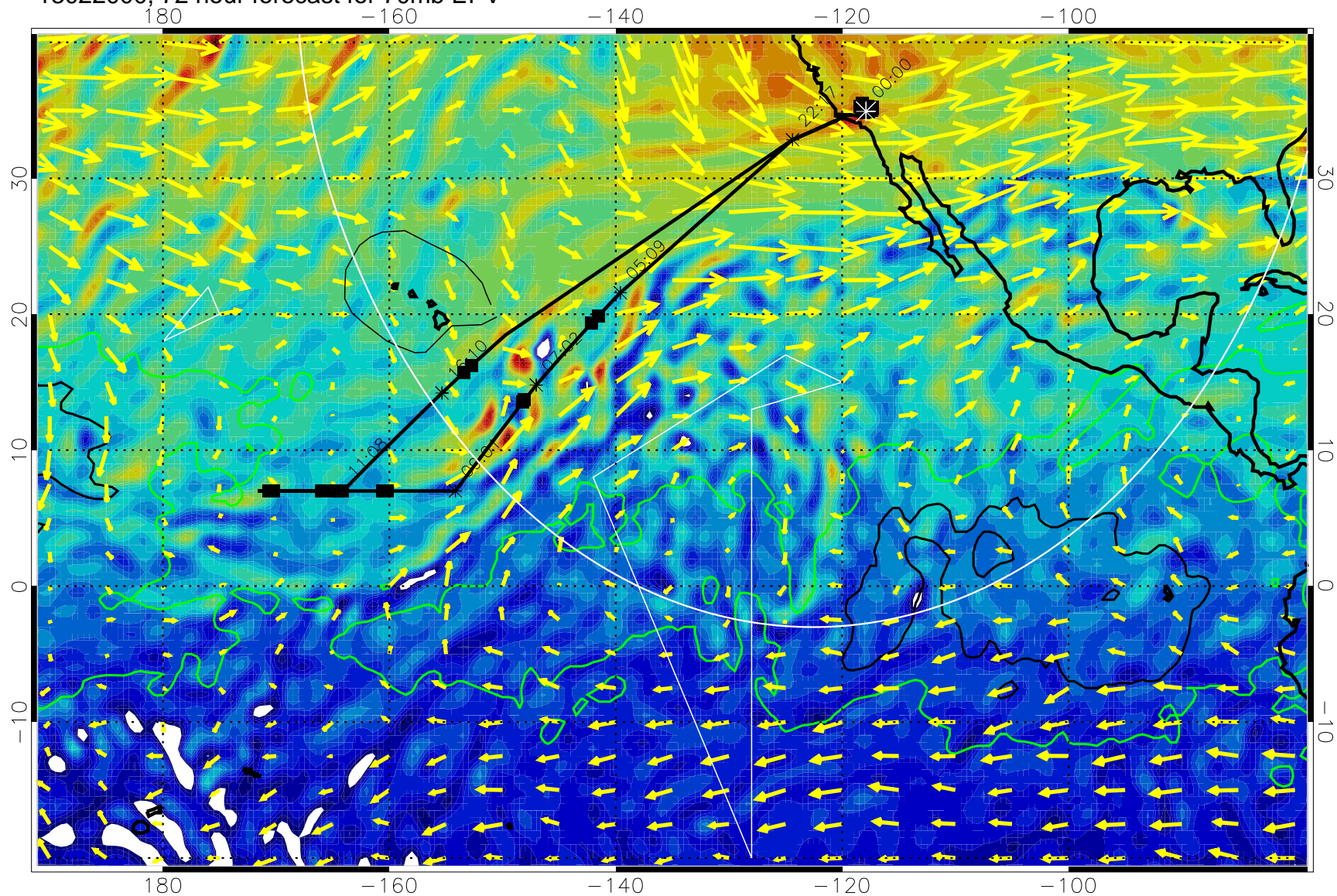
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13022000, 72 hour forecast for 70mb EPV

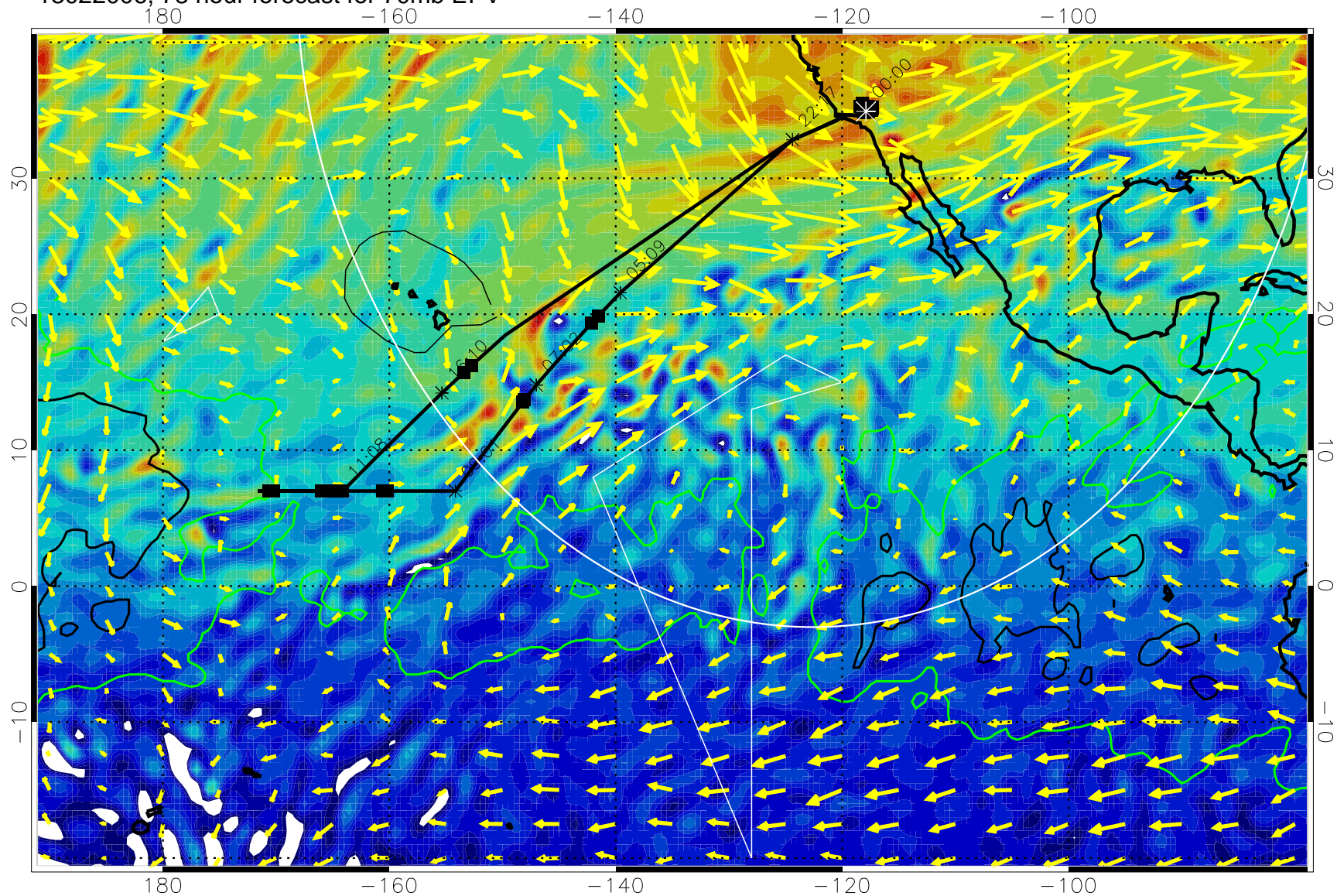


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13022006, 78 hour forecast for 70mb EPV



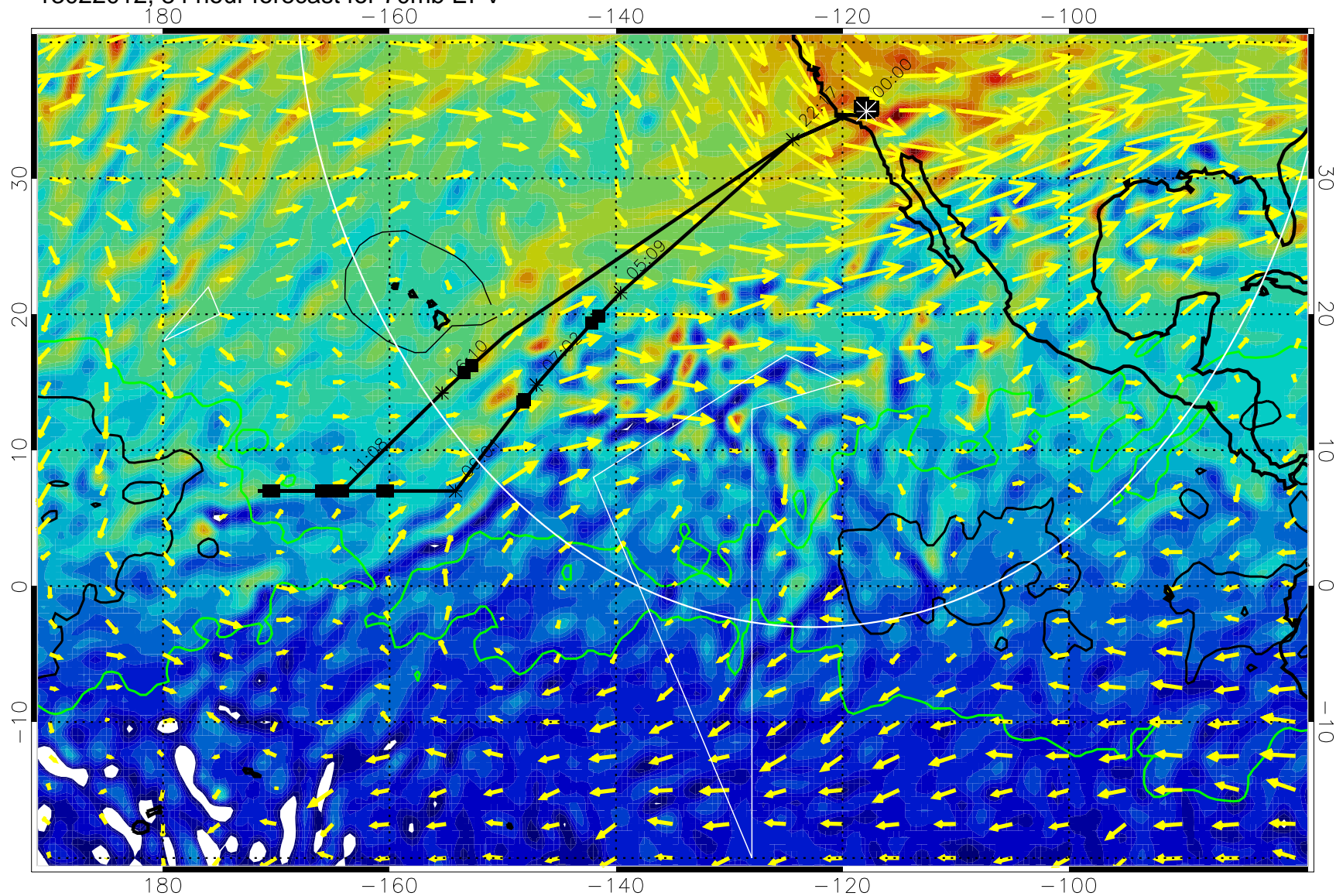
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13022012, 84 hour forecast for 70mb EPV



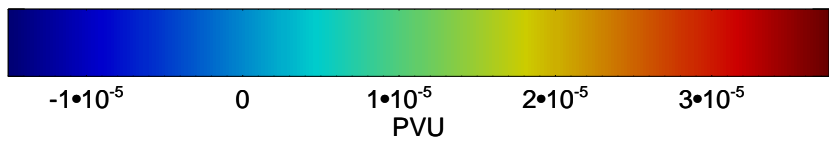
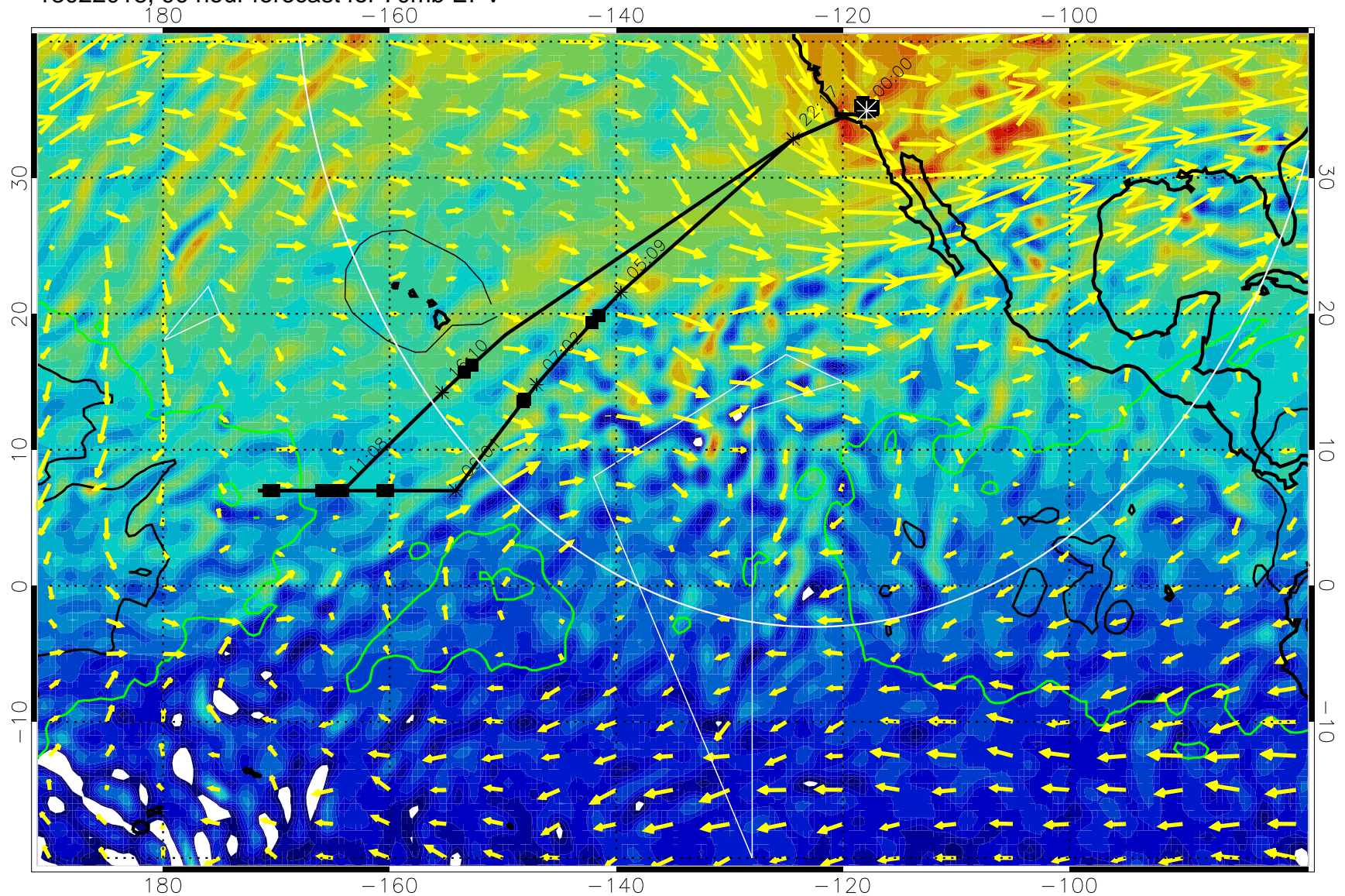
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13022018, 90 hour forecast for 70mb EPV

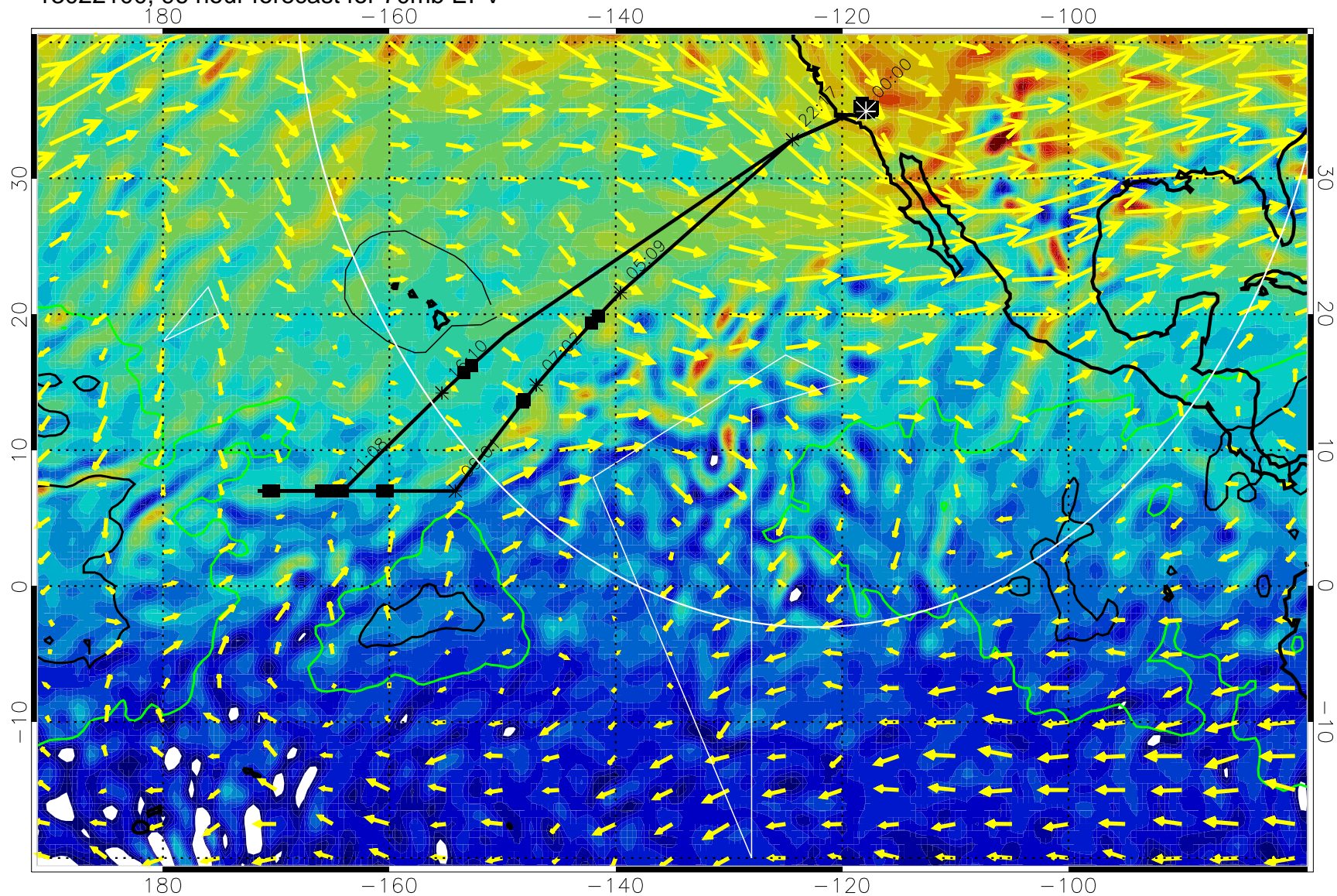


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13022100, 96 hour forecast for 70mb EPV



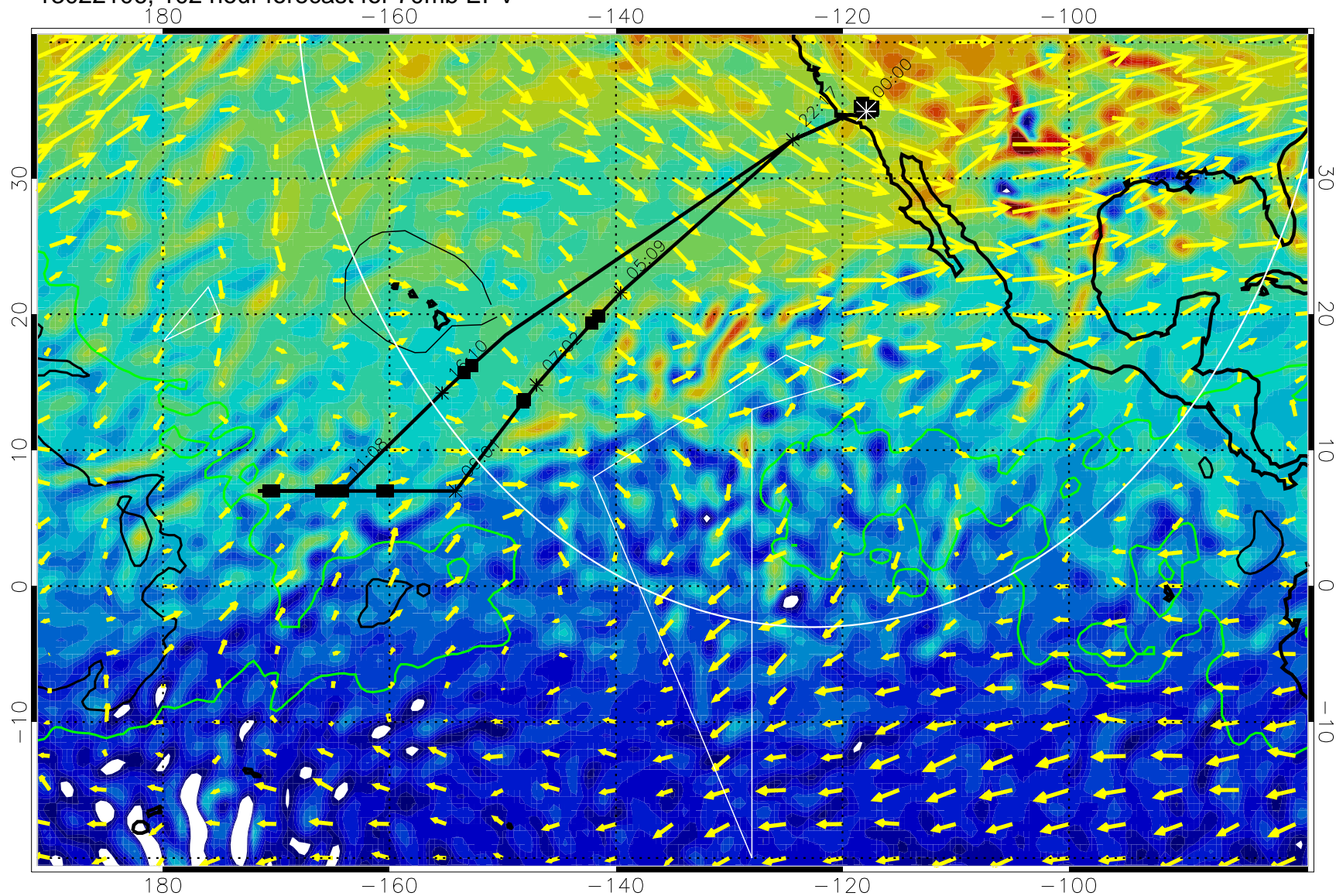
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13022106, 102 hour forecast for 70mb EPV



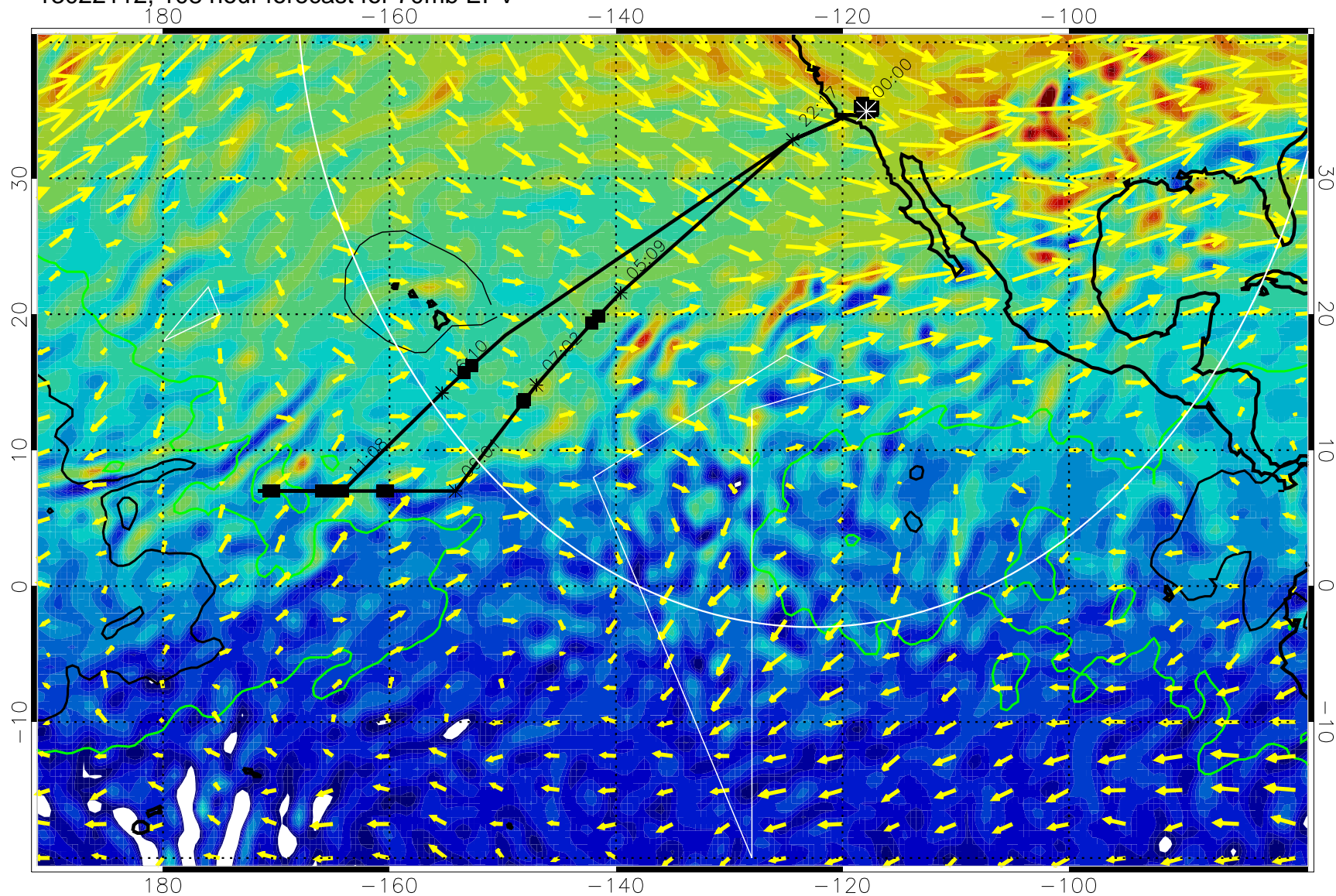
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13022112, 108 hour forecast for 70mb EPV



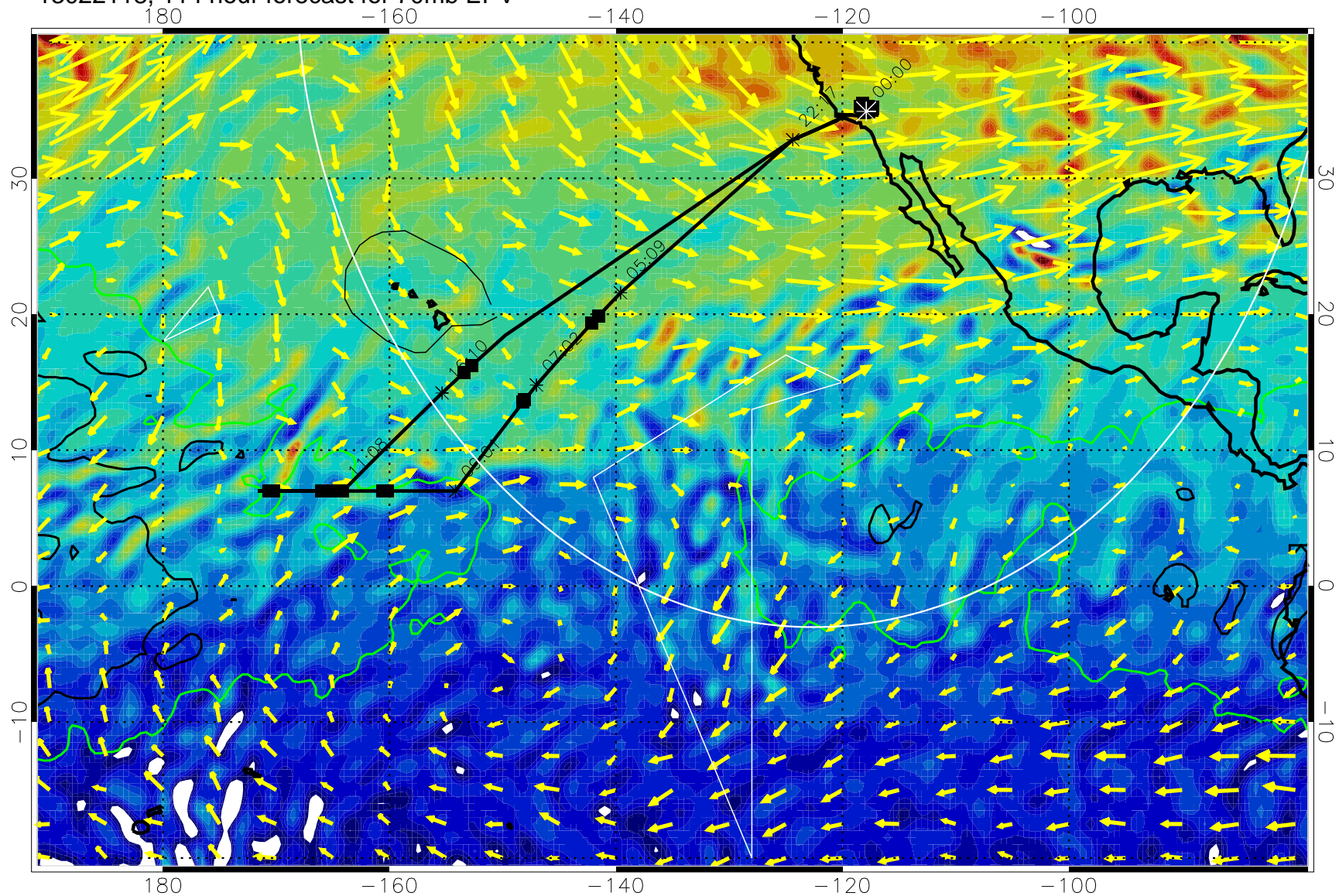
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13022118, 114 hour forecast for 70mb EPV



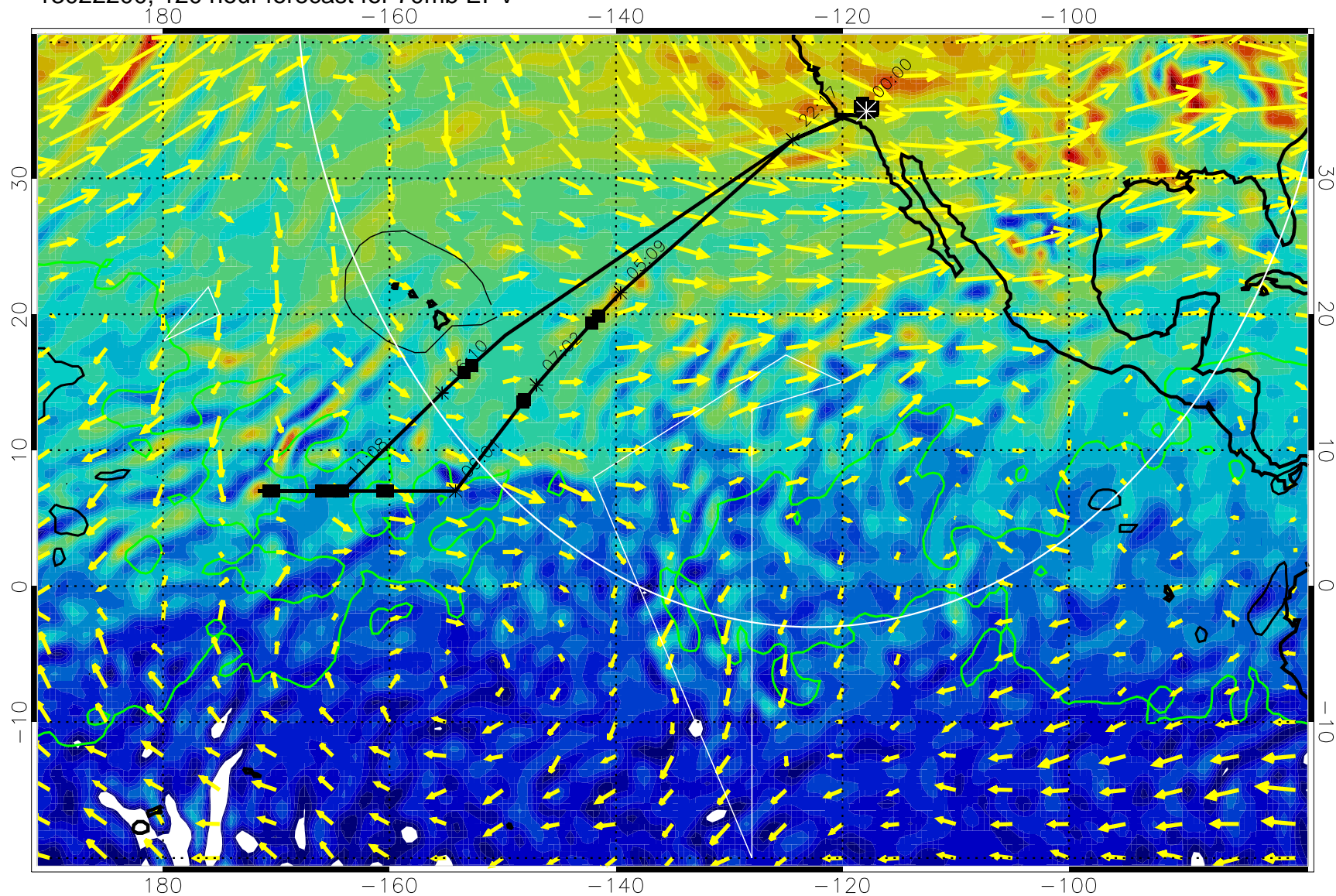
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13022200, 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 4055 km -- 13 hours GH round trip