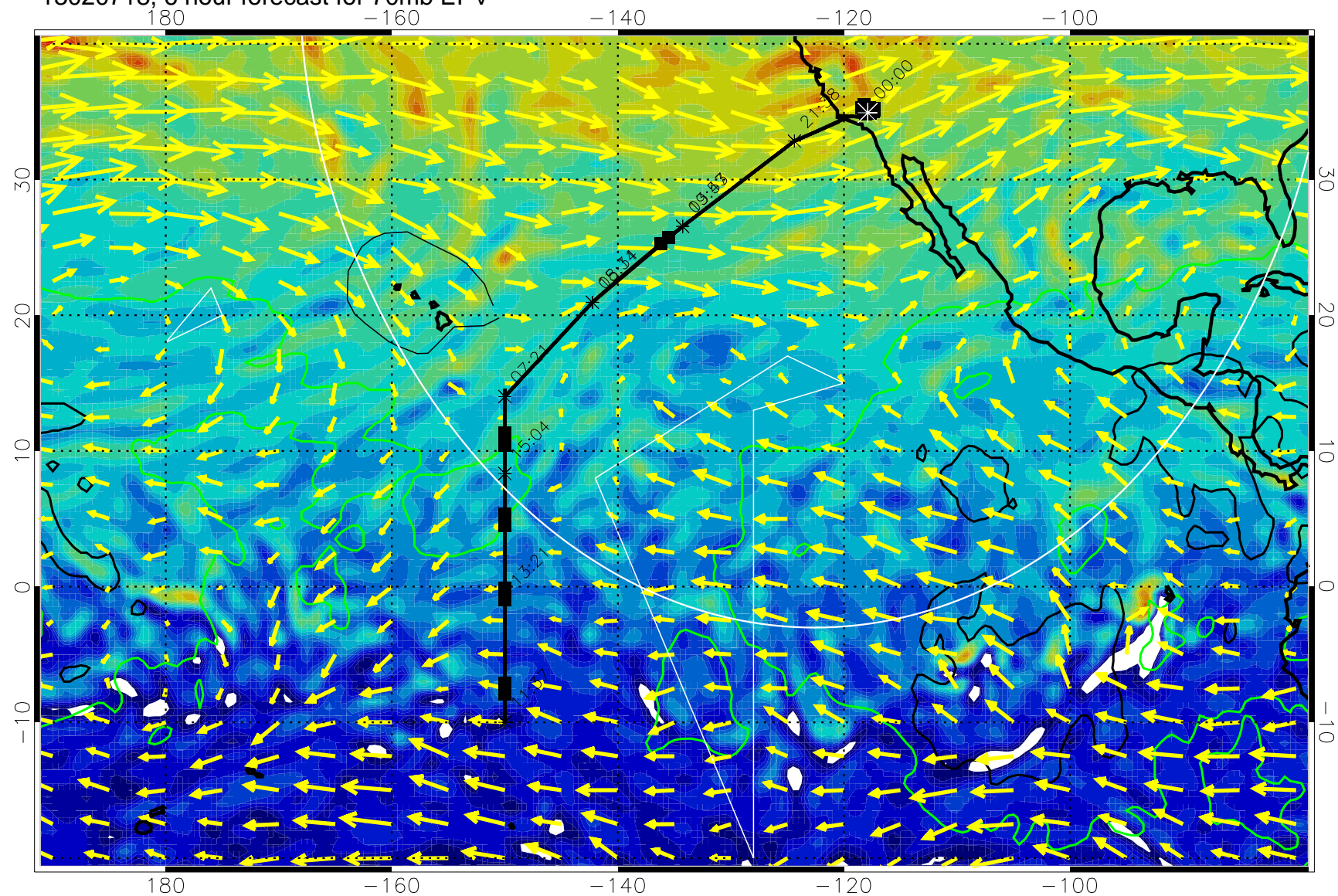


13020718, 6 hour forecast for 70mb EPV



$-1 \cdot 10^{-5}$

0

$1 \cdot 10^{-5}$

PVU

$2 \cdot 10^{-5}$

$3 \cdot 10^{-5}$

190K Isotherm

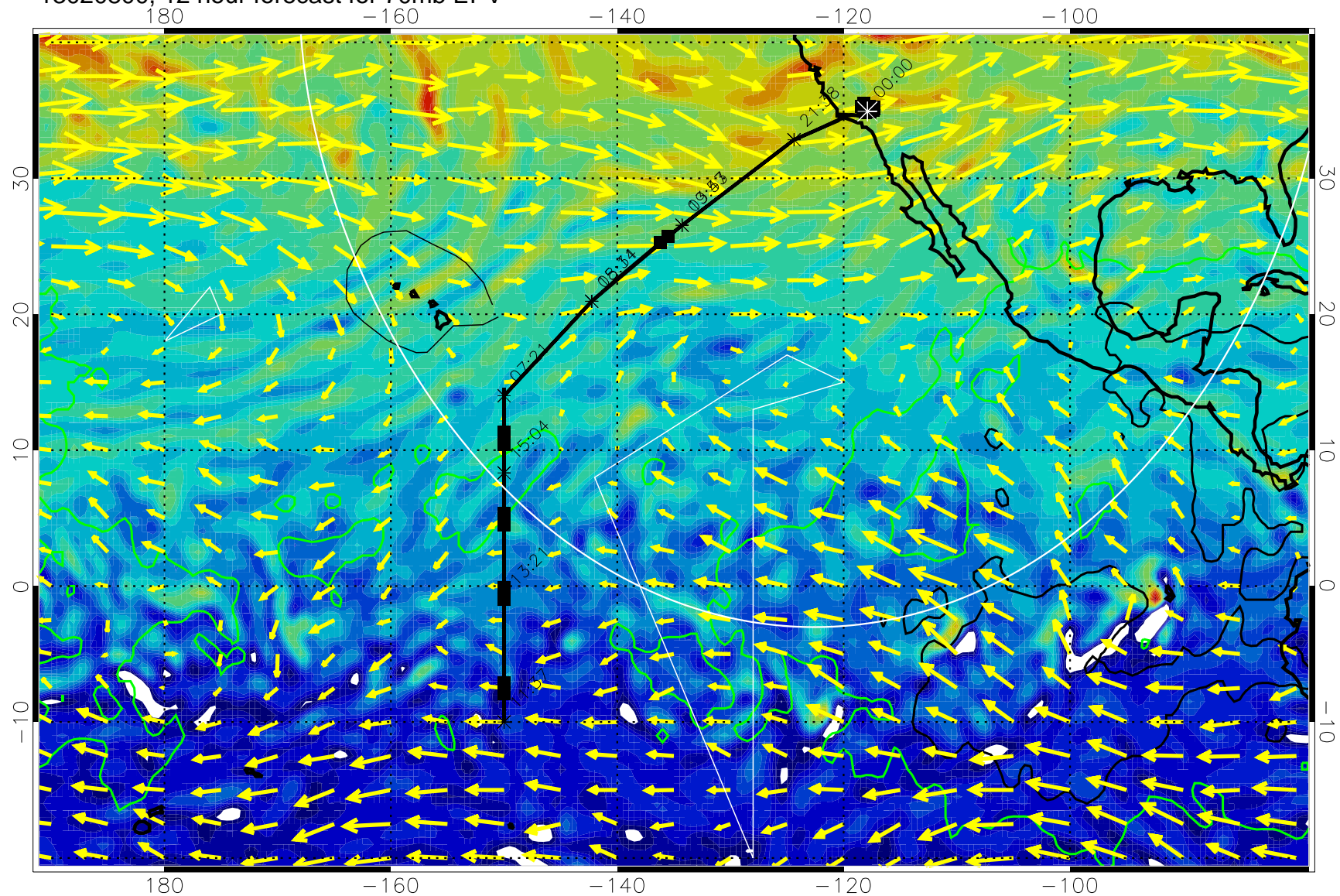
192.5K Isotherm



30 m/s

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

13020800, 12 hour forecast for 70mb EPV



$-1 \cdot 10^{-5}$

0

$1 \cdot 10^{-5}$

PVU

$2 \cdot 10^{-5}$

$3 \cdot 10^{-5}$

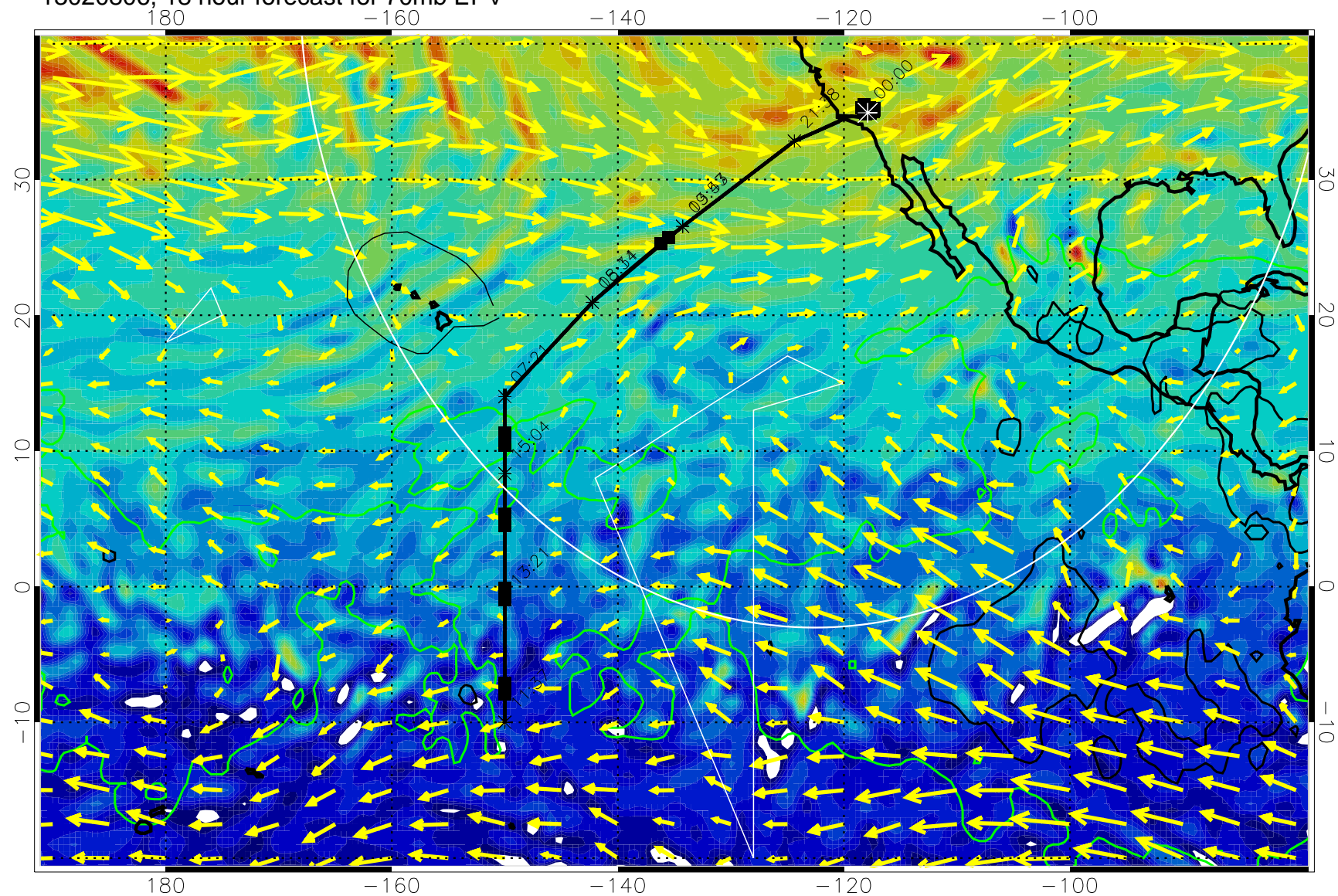
190K Isotherm

192.5K Isotherm

→ 30 m/s

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

13020806, 18 hour forecast for 70mb EPV



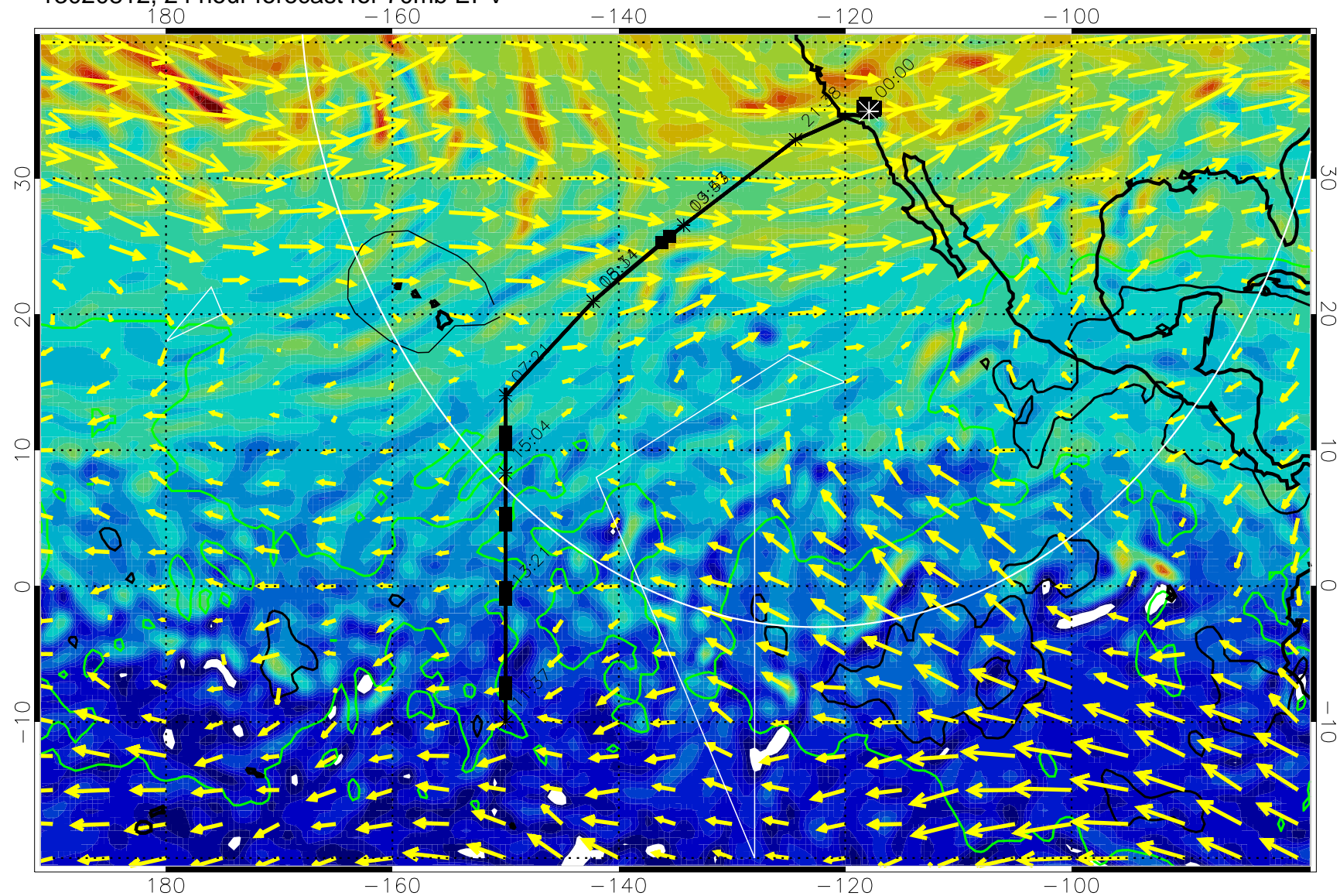
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

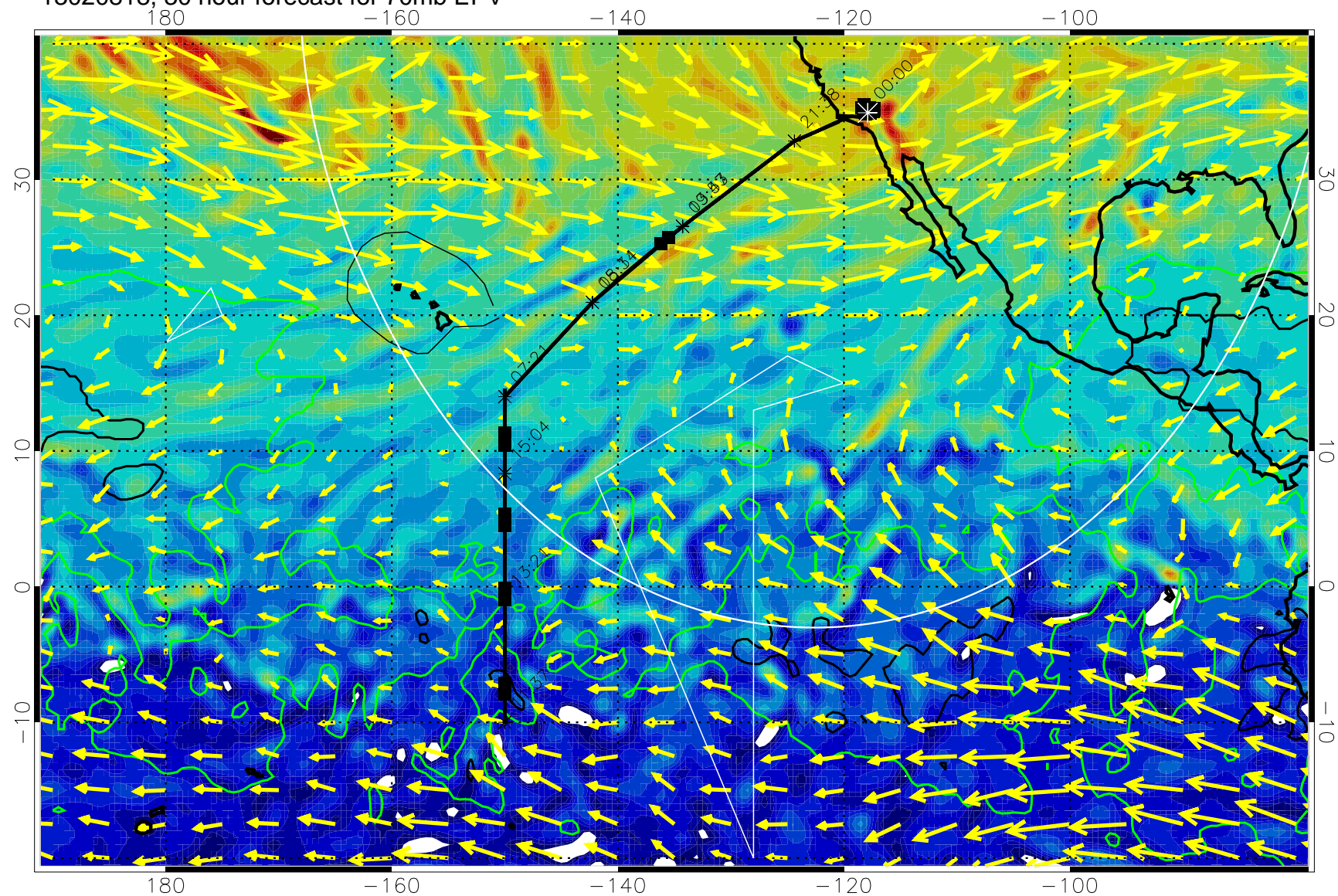
Range ring of 4055 km -- 13 hours GH round trip

13020812, 24 hour forecast for 70mb EPV



PVU

13020818, 30 hour forecast for 70mb EPV



$-1 \cdot 10^{-5}$

0

$1 \cdot 10^{-5}$

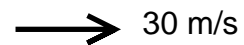
PVU

$2 \cdot 10^{-5}$

$3 \cdot 10^{-5}$

190K Isotherm

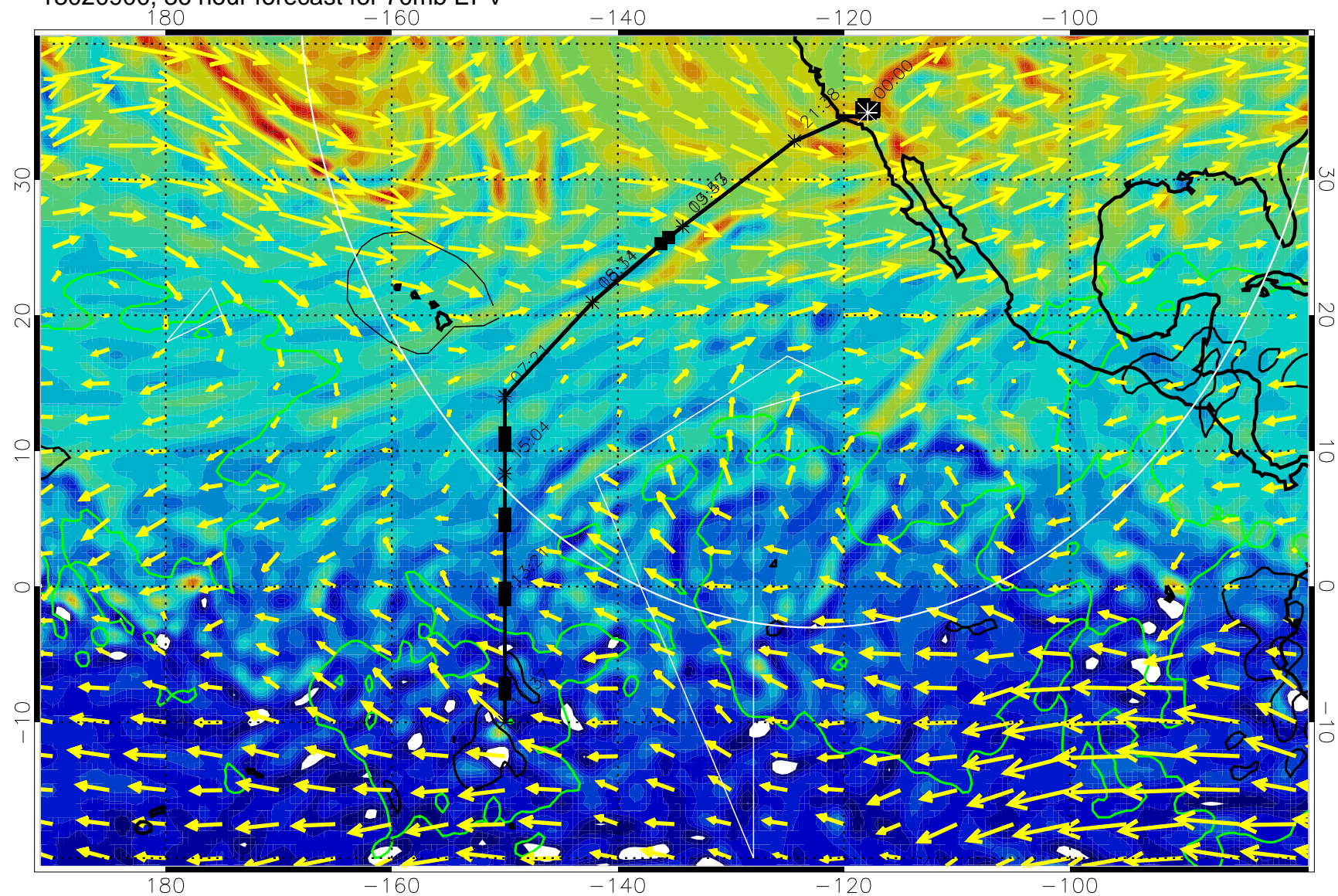
192.5K Isotherm



30 m/s

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

13020900, 36 hour forecast for 70mb EPV



$-1 \cdot 10^{-5}$

0

$1 \cdot 10^{-5}$

PVU

$2 \cdot 10^{-5}$

$3 \cdot 10^{-5}$

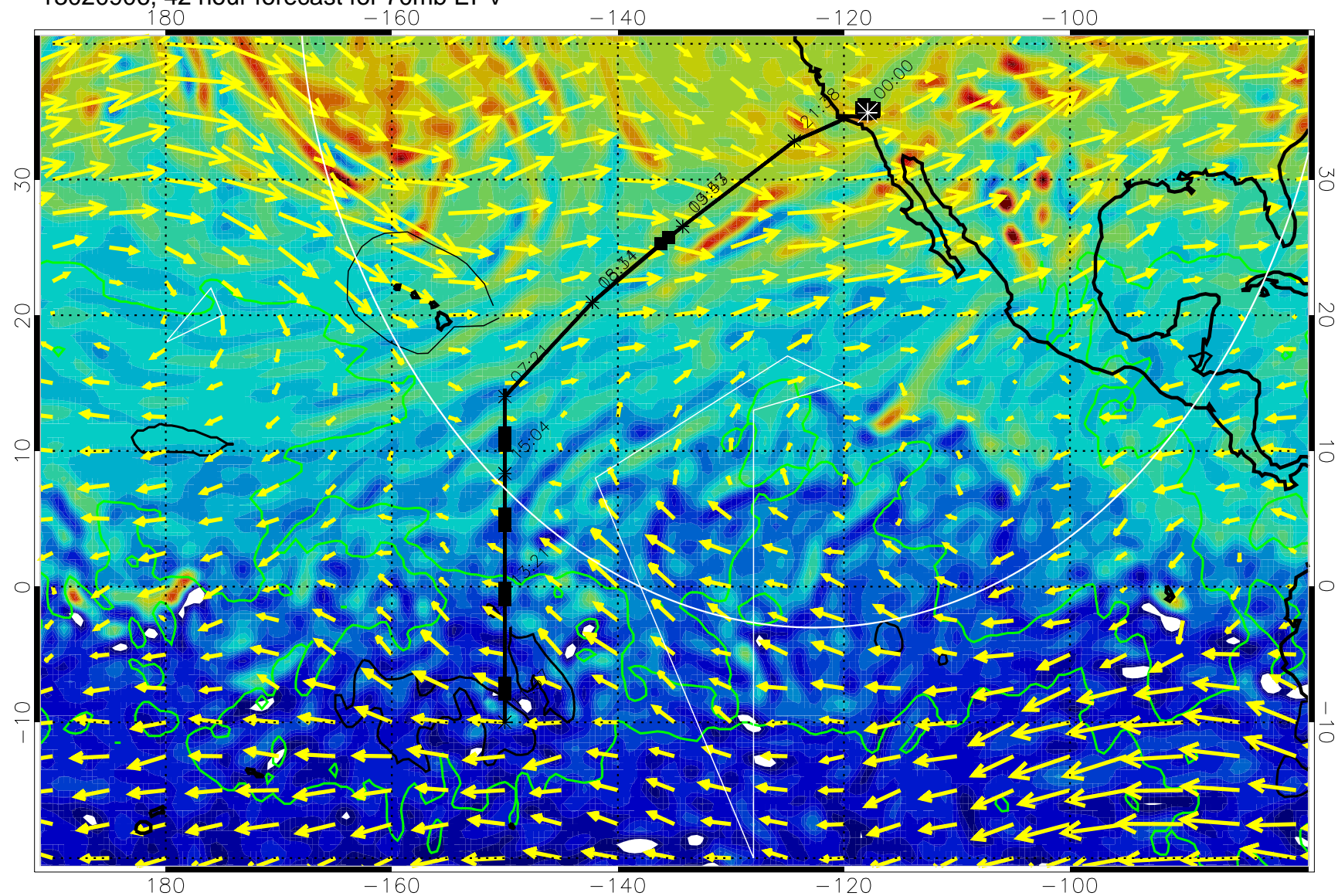
190K Isotherm

192.5K Isotherm

→ 30 m/s

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

13020906, 42 hour forecast for 70mb EPV



$-1 \cdot 10^{-5}$

0

$1 \cdot 10^{-5}$

PVU

$2 \cdot 10^{-5}$

$3 \cdot 10^{-5}$

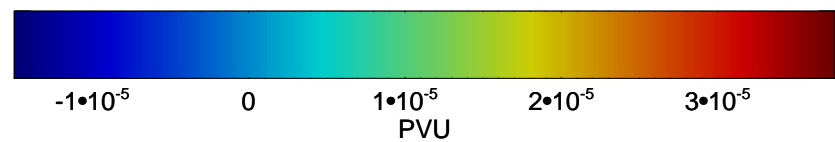
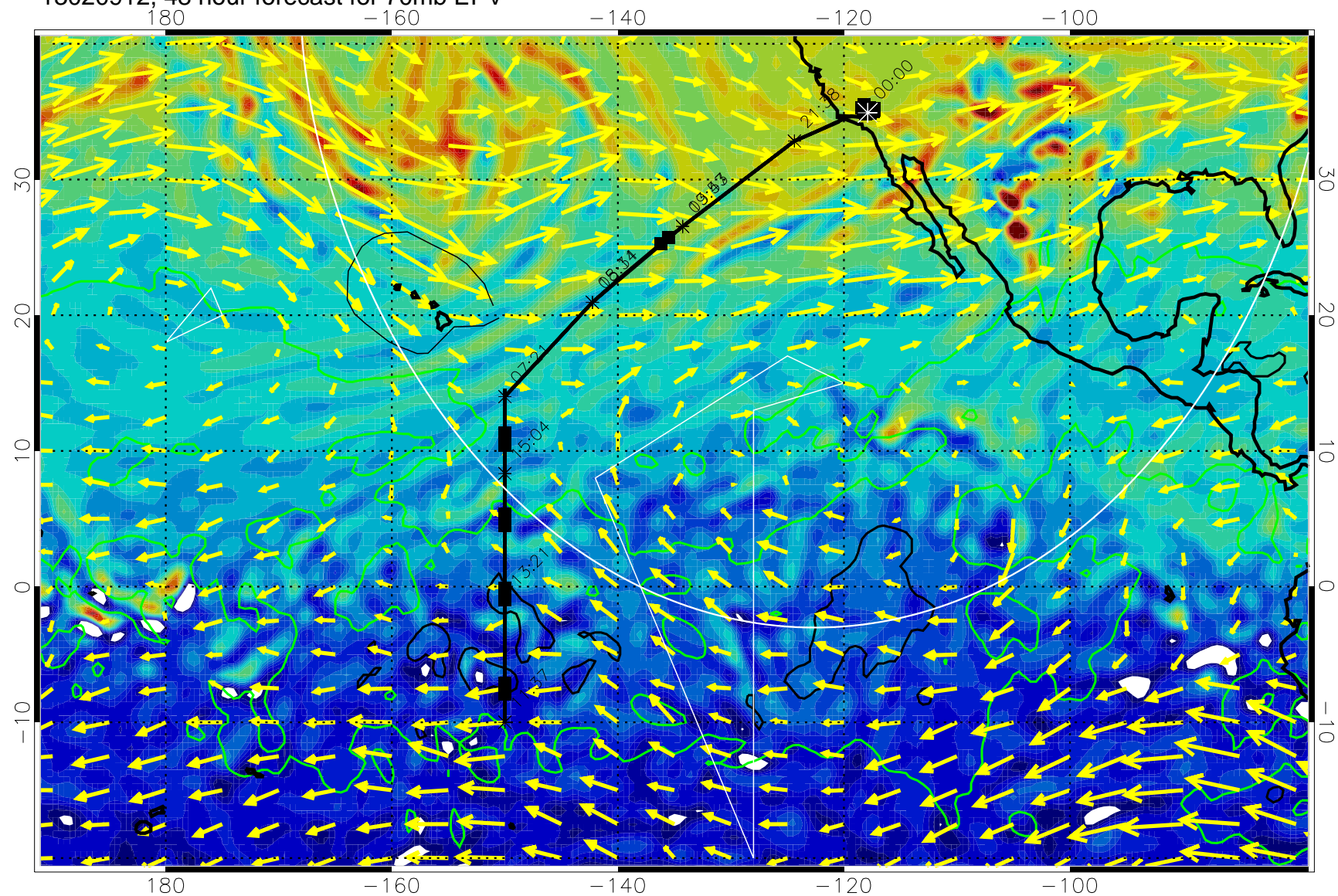
190K Isotherm

192.5K Isotherm

→ 30 m/s

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

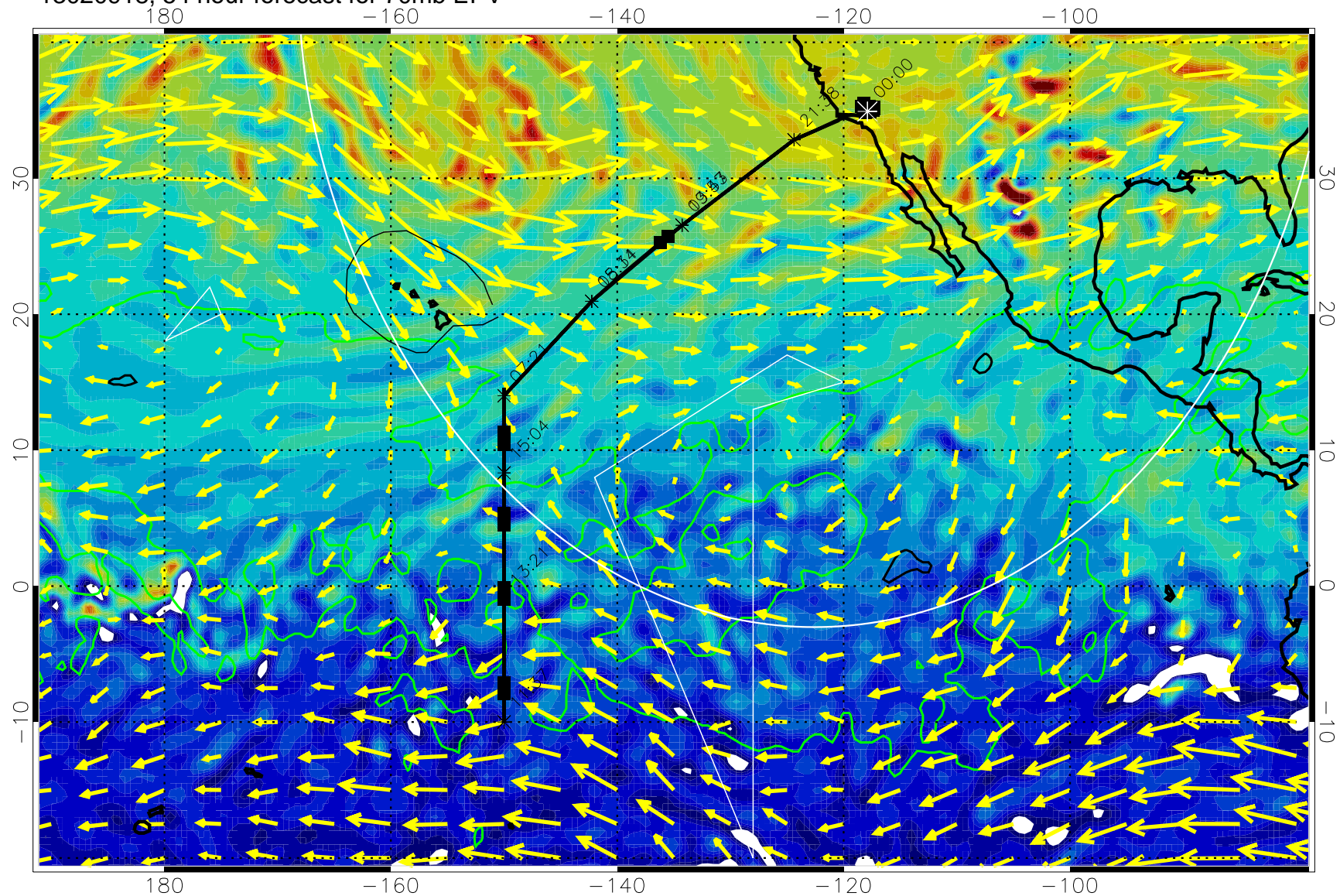
13020912, 48 hour forecast for 70mb EPV



→ 30 m/s

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

13020918, 54 hour forecast for 70mb EPV



$-1 \cdot 10^{-5}$

0

$1 \cdot 10^{-5}$

PVU

$2 \cdot 10^{-5}$

$3 \cdot 10^{-5}$

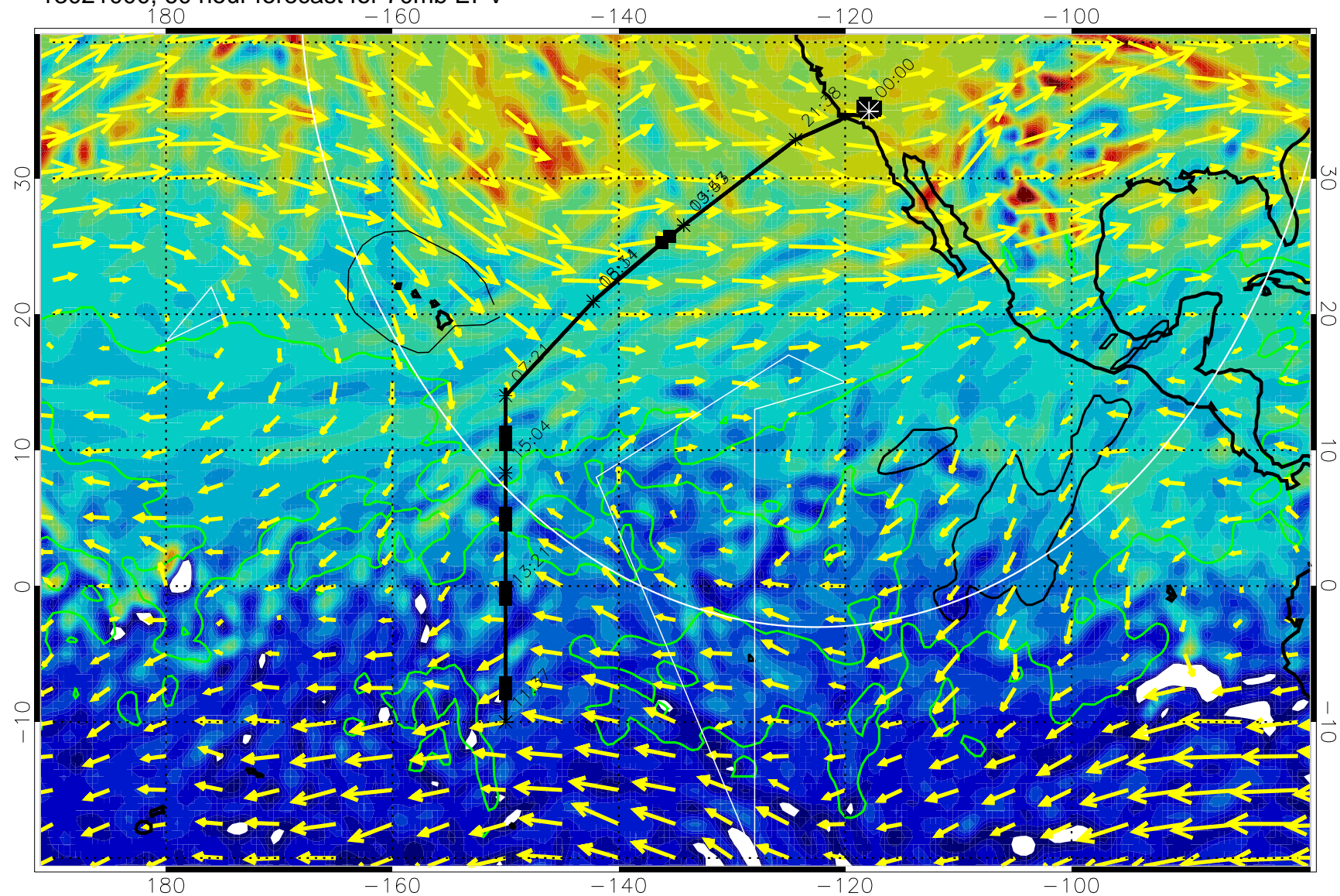
190K Isotherm

192.5K Isotherm

→ 30 m/s

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

13021000, 60 hour forecast for 70mb EPV



PVU

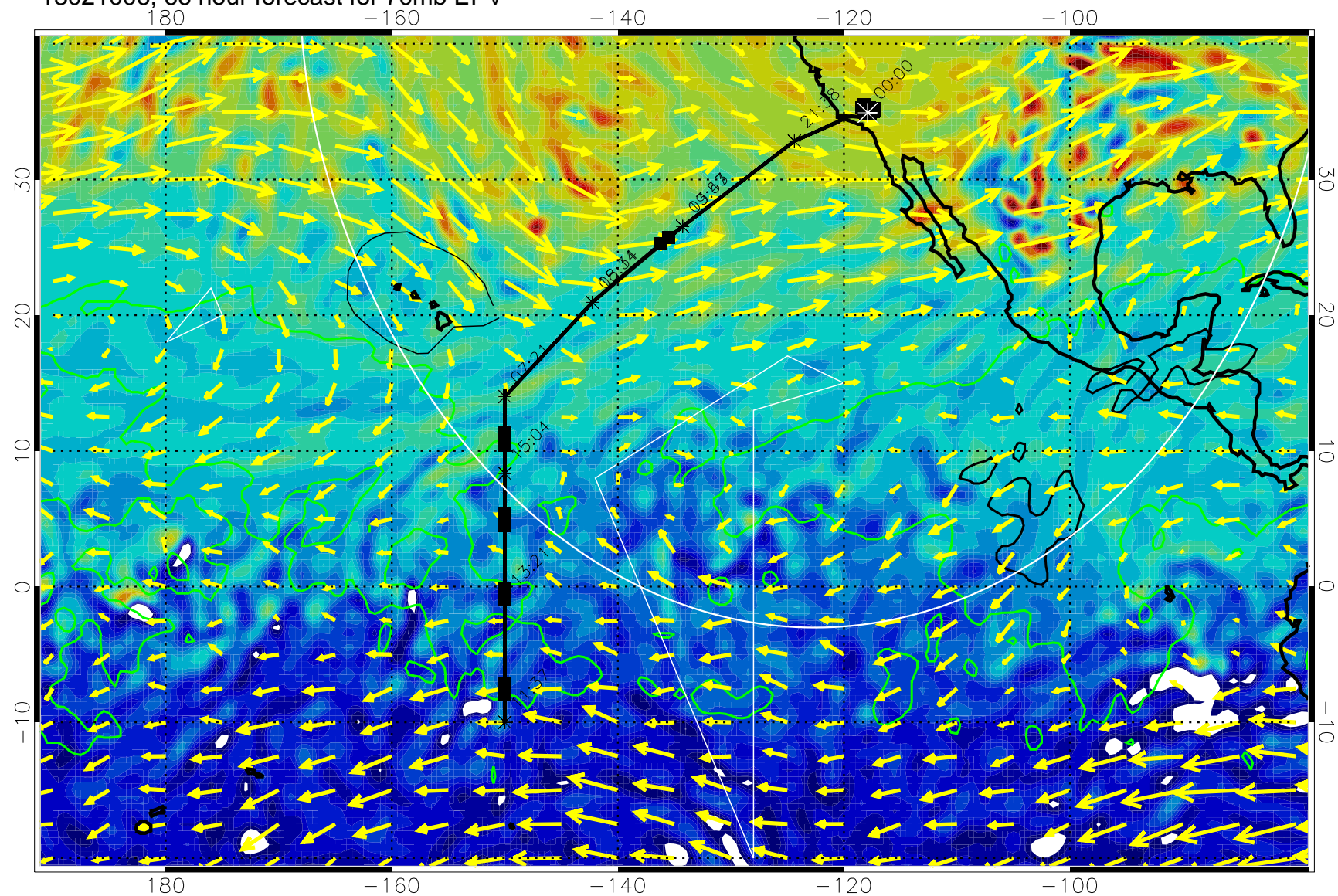
190K Isotherm

192.5K Isotherm

→ 30 m/s

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

13021006, 66 hour forecast for 70mb EPV



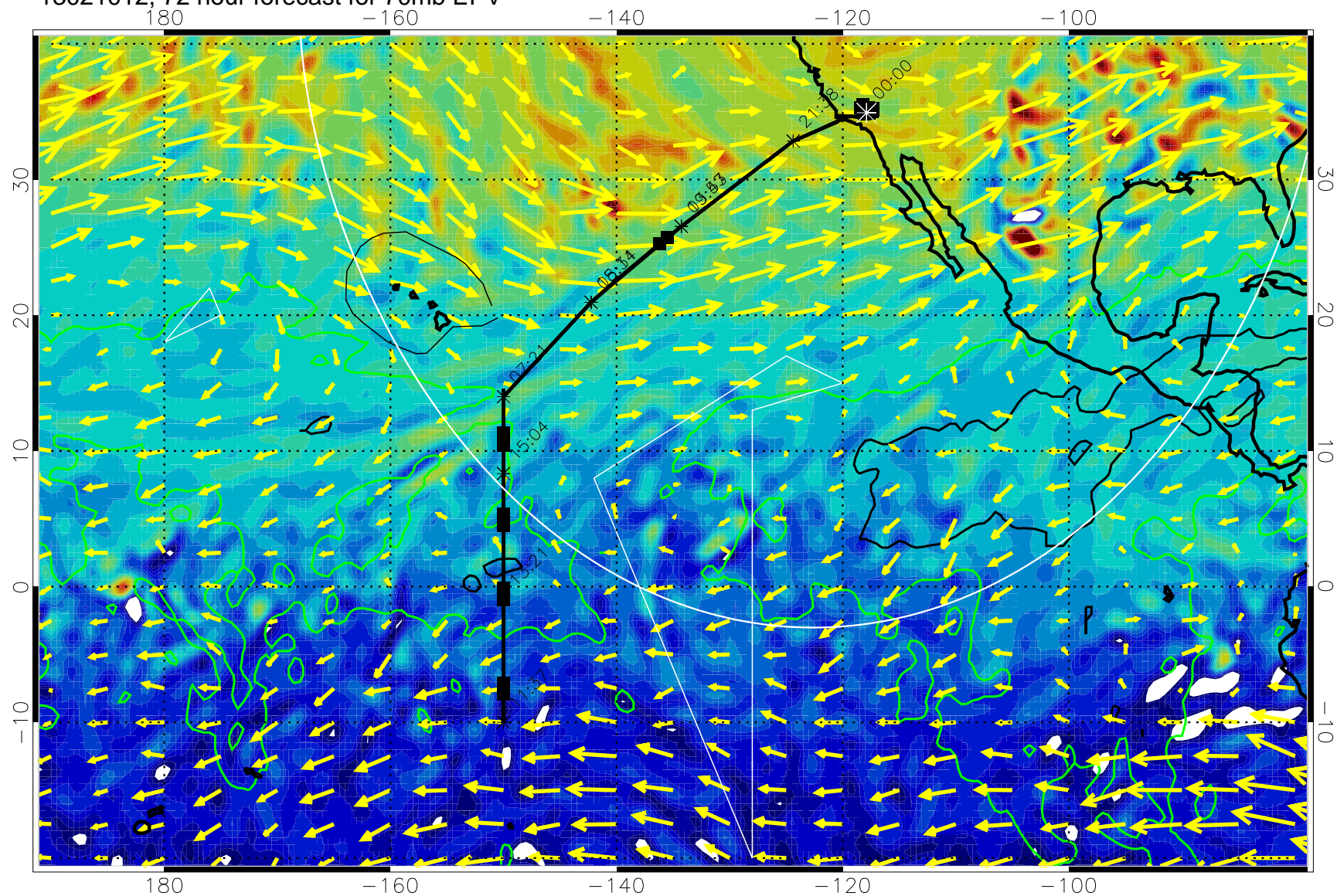
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021012, 72 hour forecast for 70mb EPV



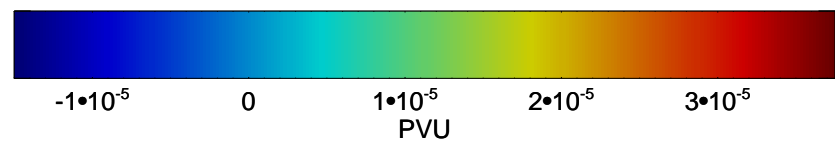
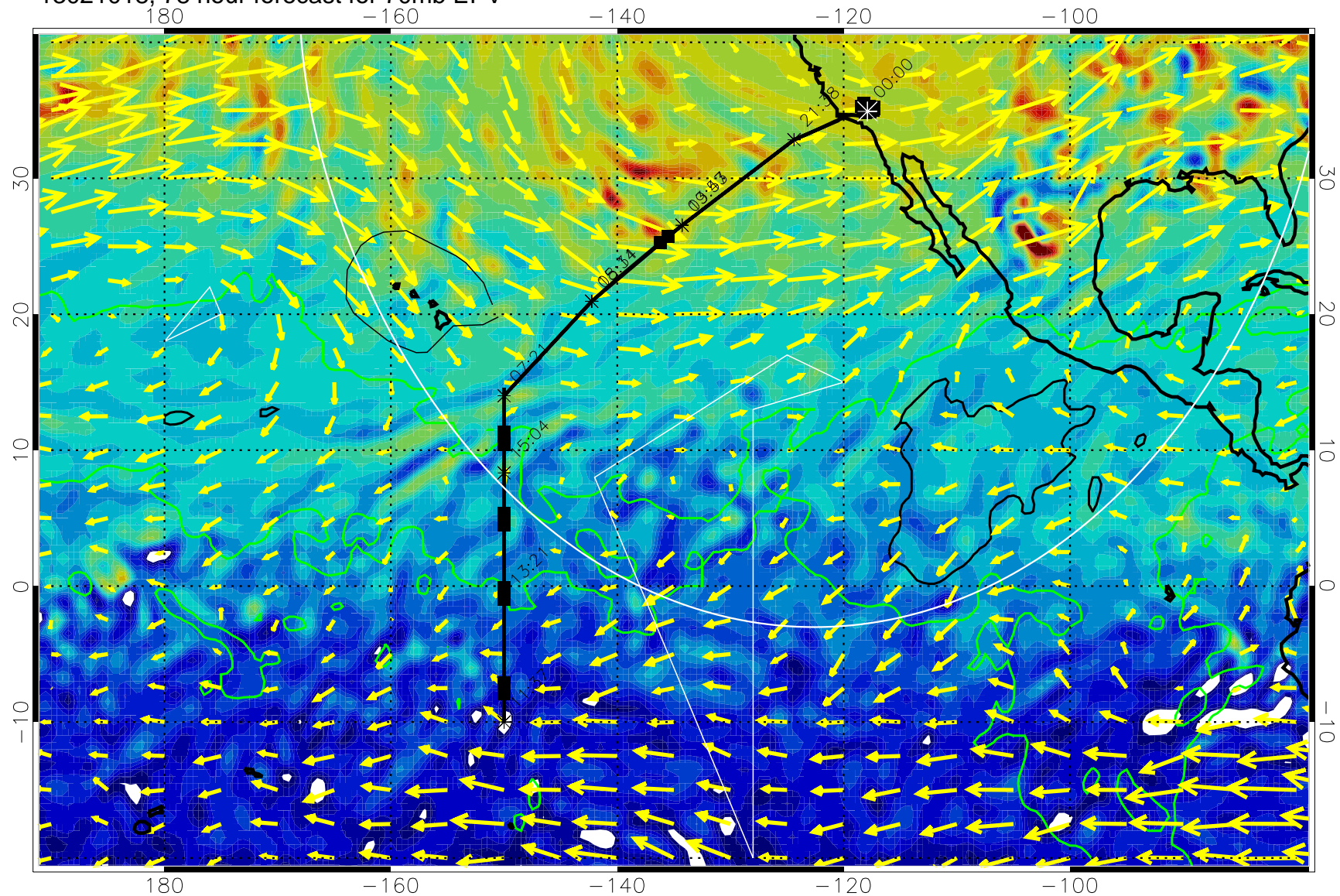
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021018, 78 hour forecast for 70mb EPV



190K Isotherm 192.5K Isotherm

→ 30 m/s

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

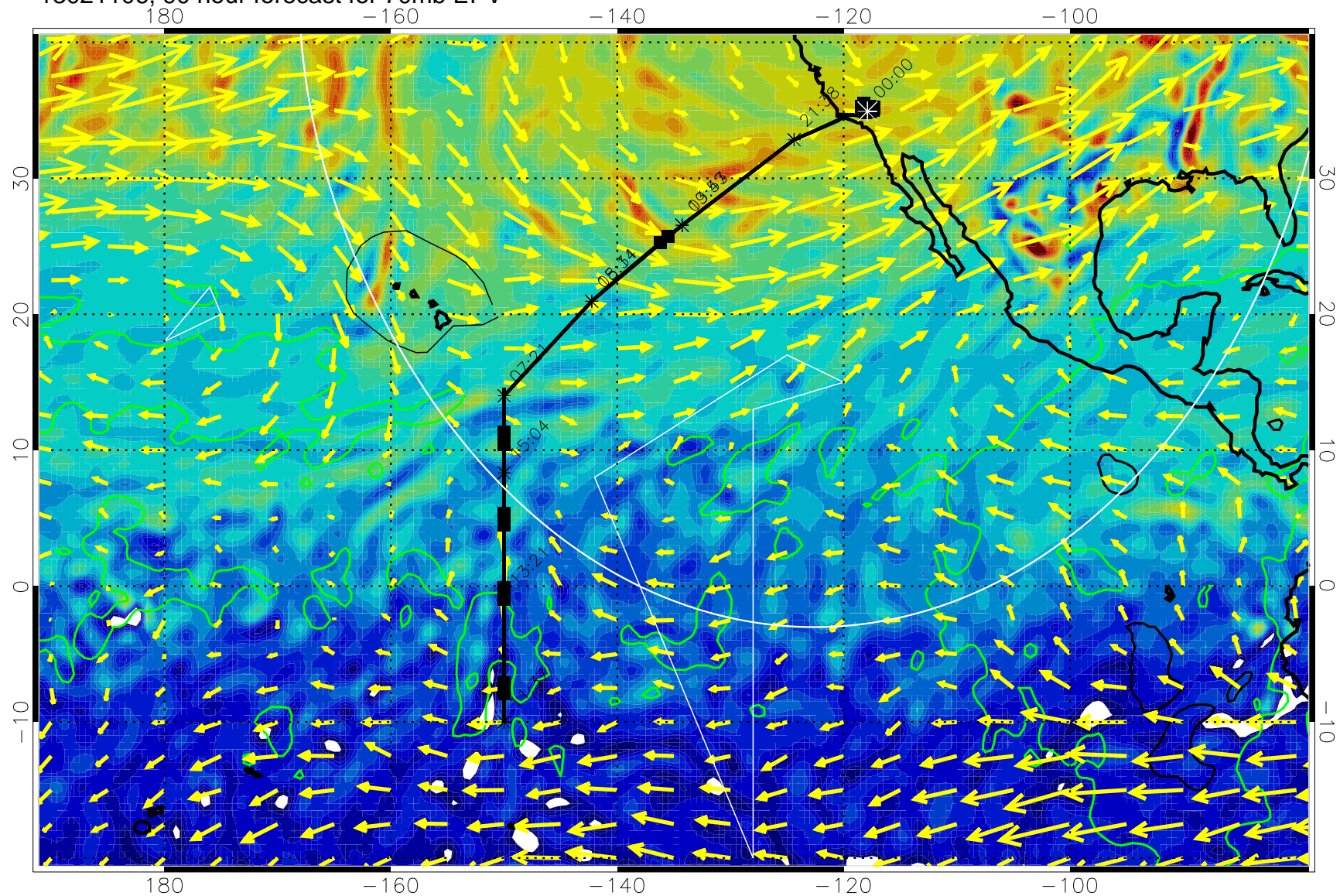
180	-160	-140	-120	-100
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 $3 \cdot 10^{-5}$

192.5K Isotherm

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

13021106, 90 hour forecast for 70mb EPV



$-1 \cdot 10^{-5}$

0

$1 \cdot 10^{-5}$

PVU

$2 \cdot 10^{-5}$

$3 \cdot 10^{-5}$

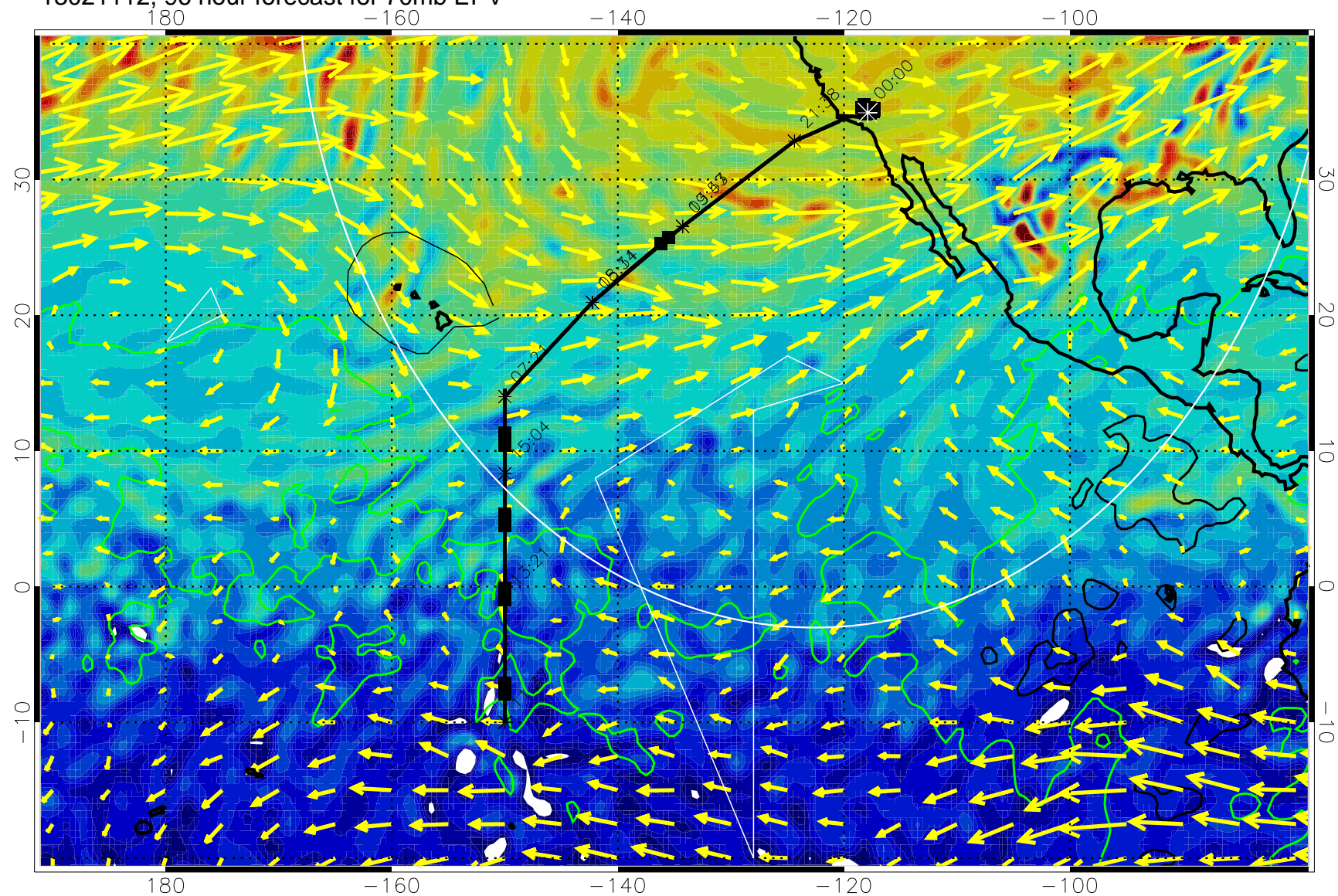
190K Isotherm

192.5K Isotherm

→ 30 m/s

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

13021112, 96 hour forecast for 70mb EPV



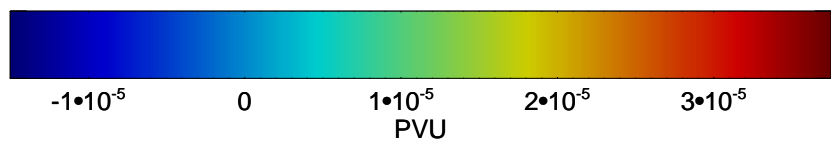
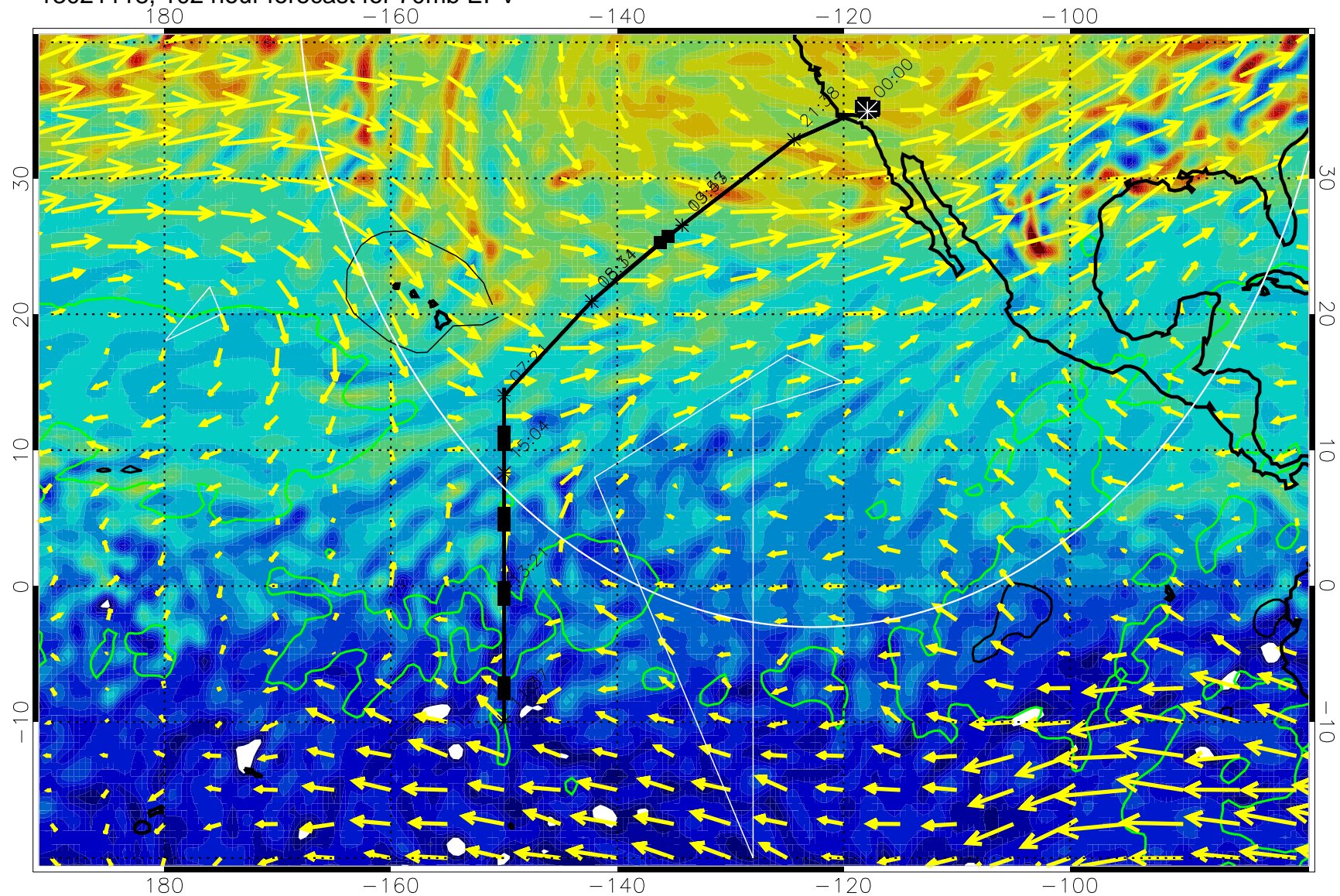
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021118, 102 hour forecast for 70mb EPV

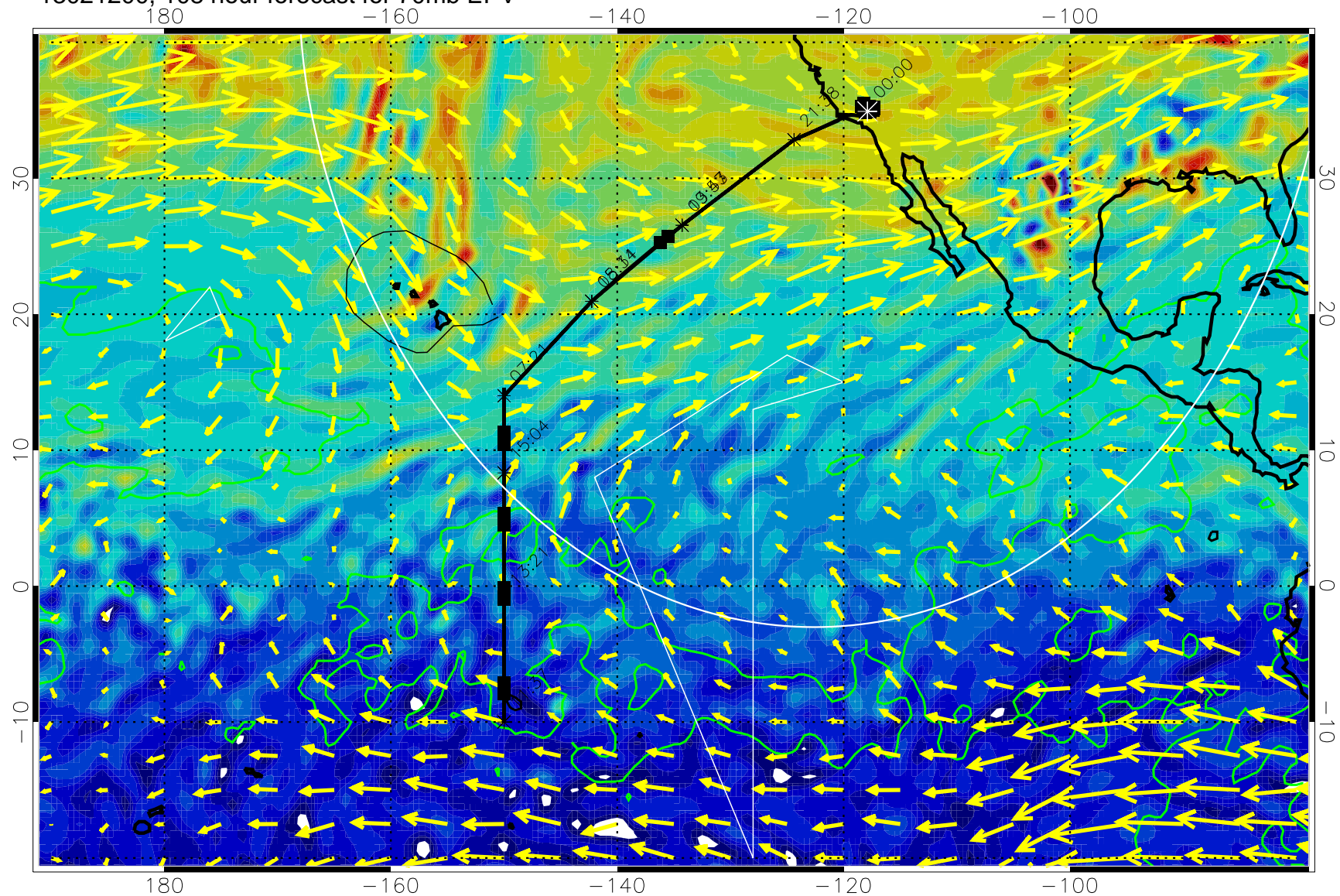


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021200, 108 hour forecast for 70mb EPV



$-1 \cdot 10^{-5}$

0

$1 \cdot 10^{-5}$

PVU

$2 \cdot 10^{-5}$

$3 \cdot 10^{-5}$

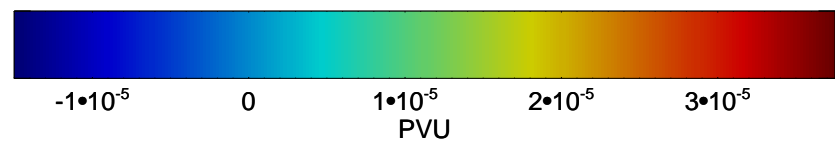
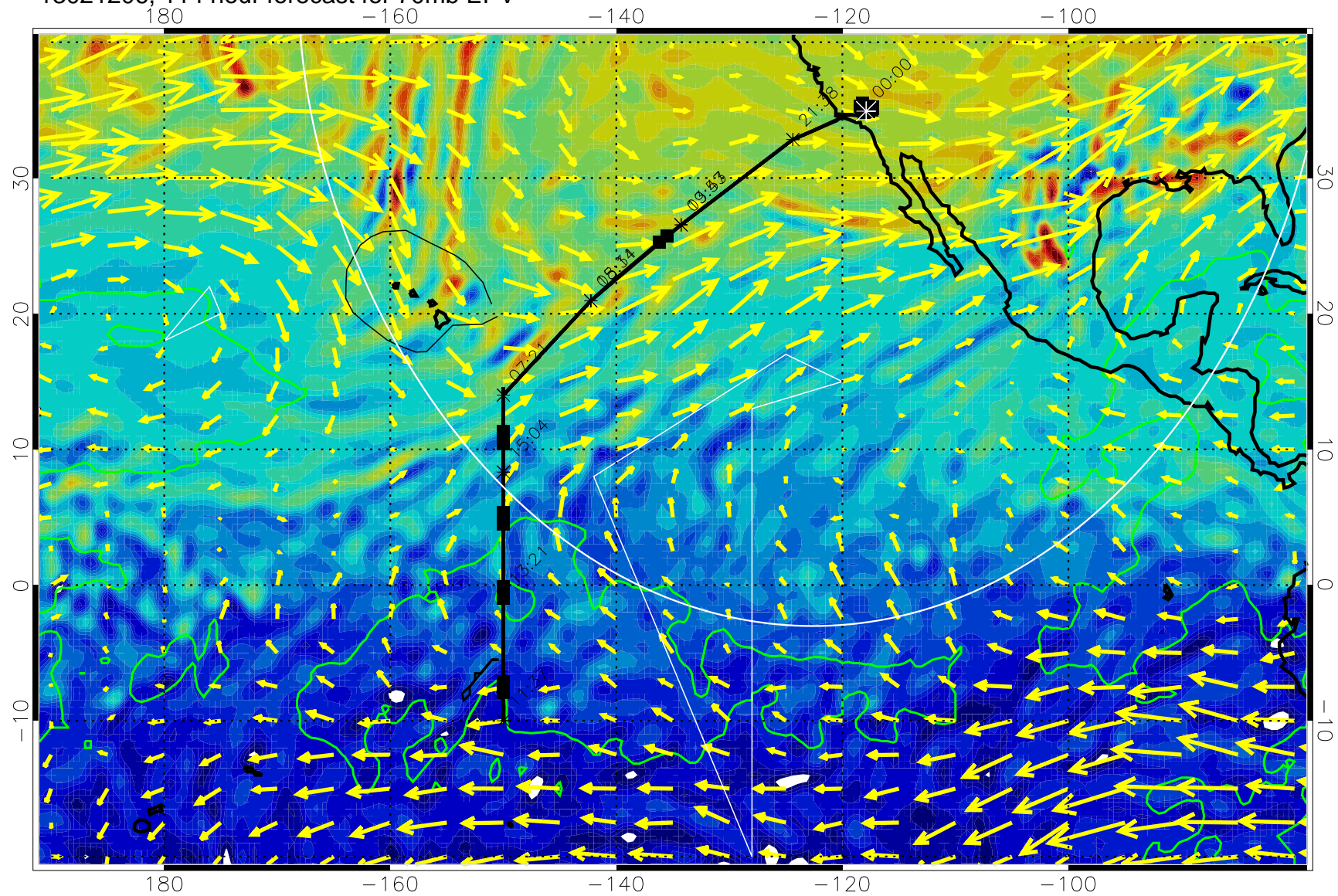
190K Isotherm

192.5K Isotherm

→ 30 m/s

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

13021206, 114 hour forecast for 70mb EPV

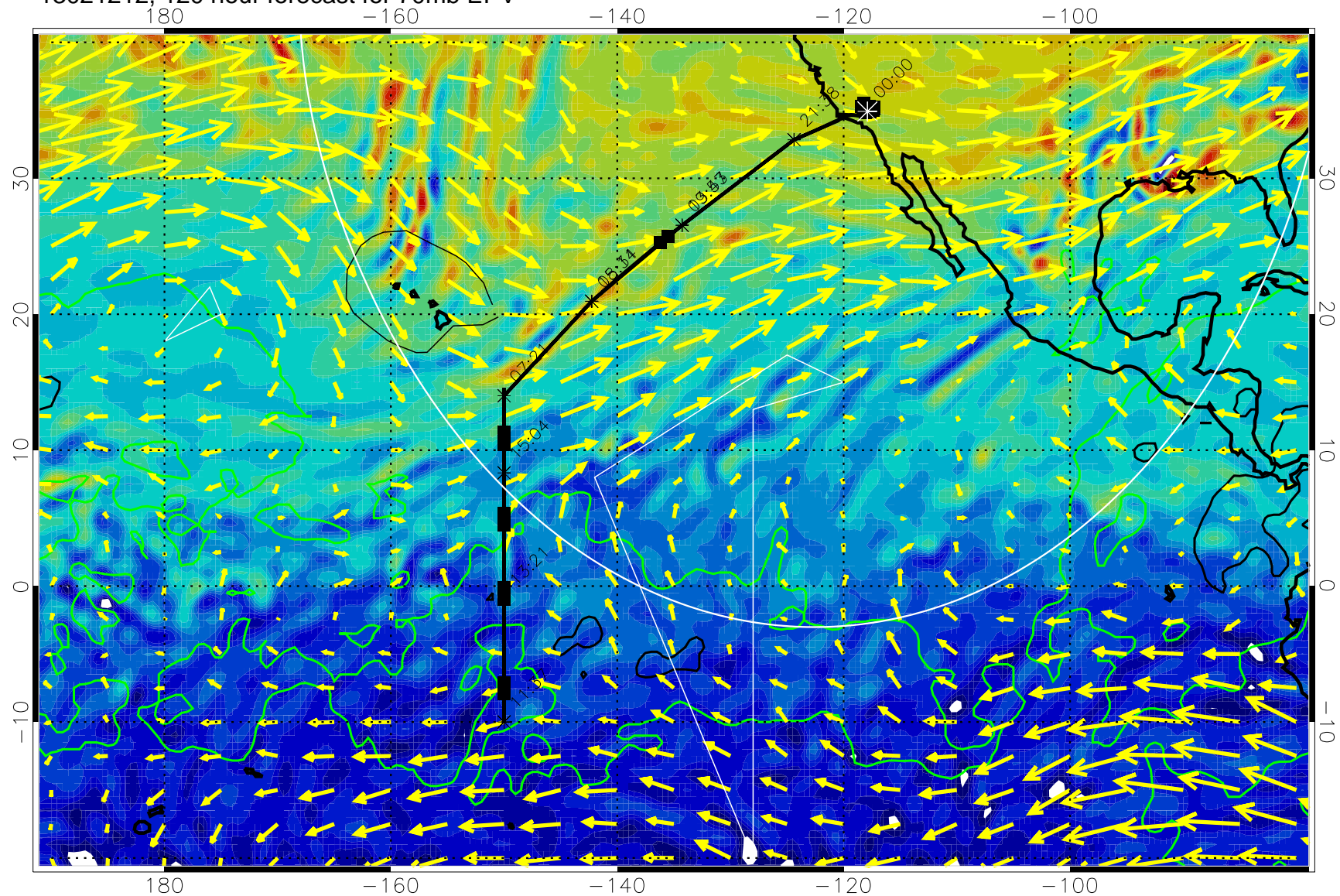


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13021212, 120 hour forecast for 70mb EPV



$-1 \cdot 10^{-5}$

0

$1 \cdot 10^{-5}$

PVU

$2 \cdot 10^{-5}$

$3 \cdot 10^{-5}$

190K Isotherm

192.5K Isotherm

→ 30 m/s

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