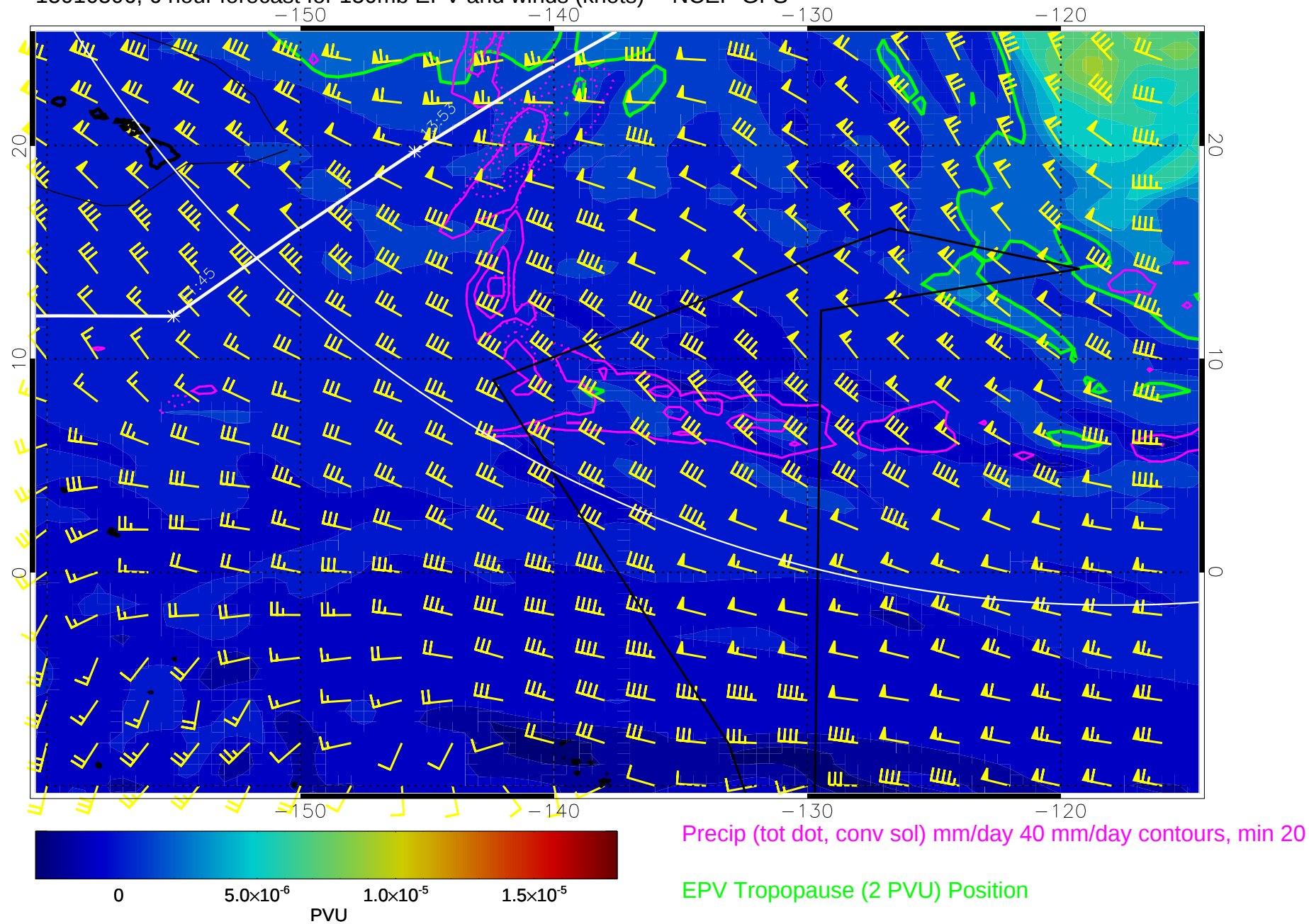
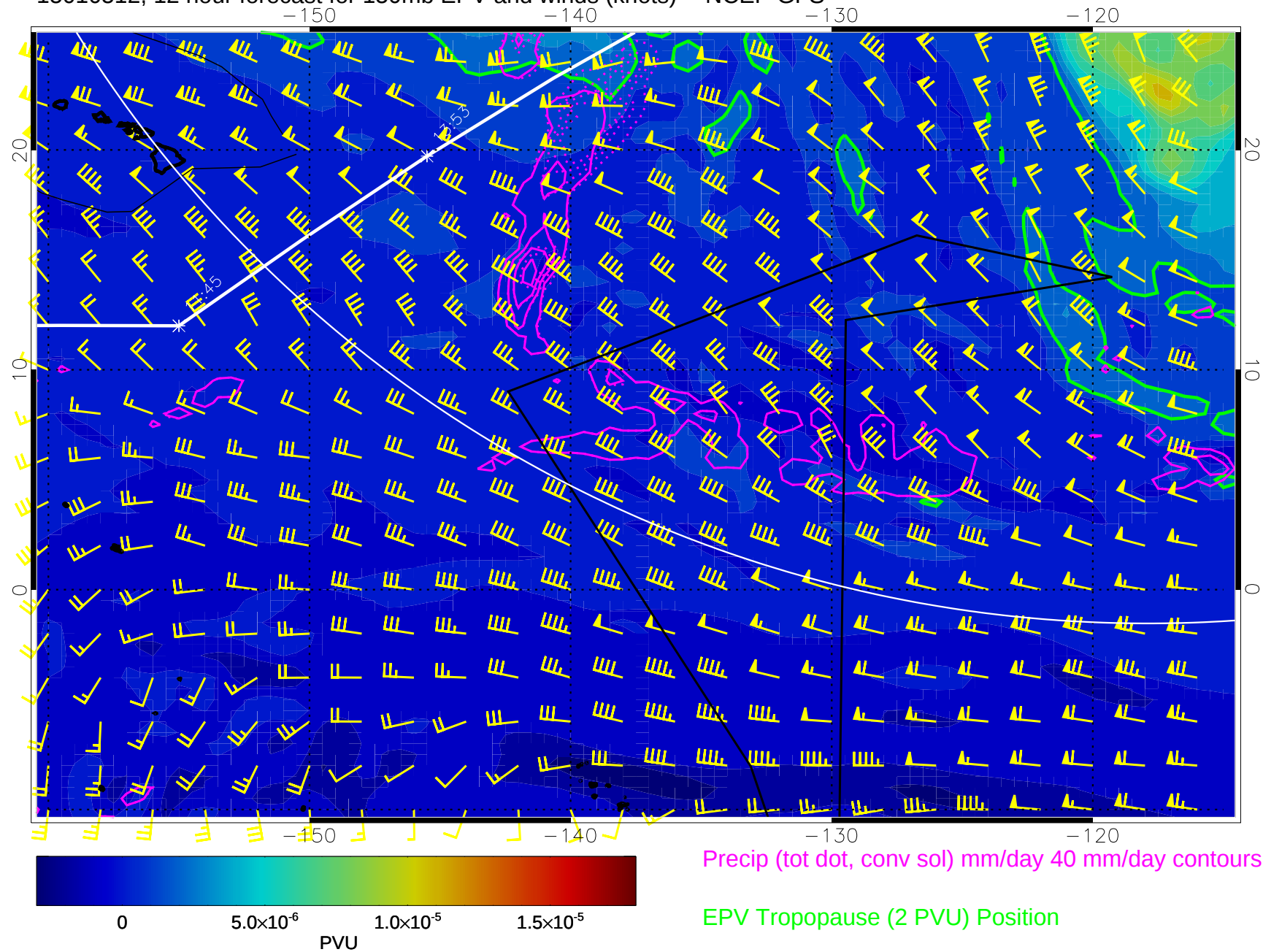


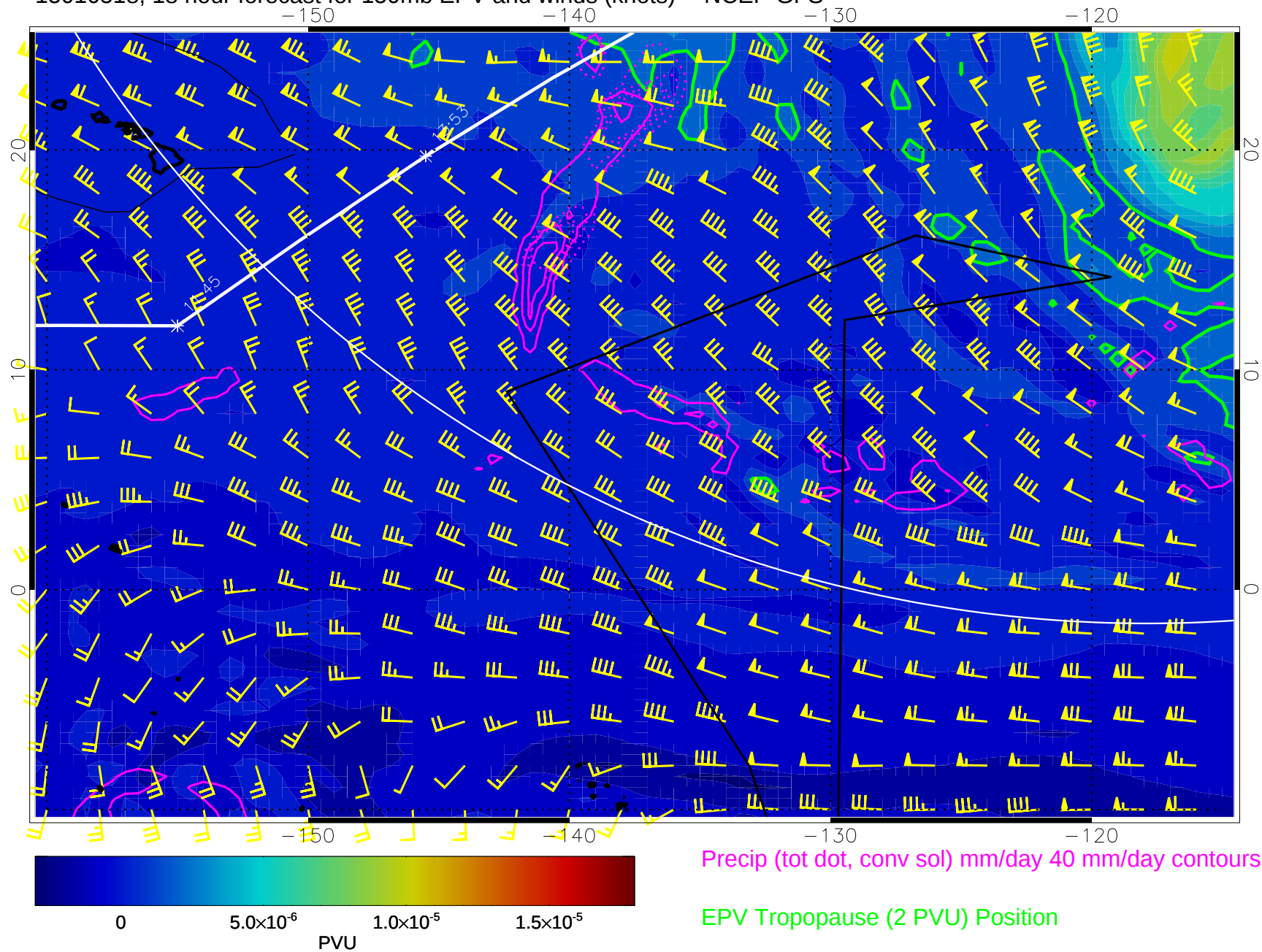
15010506, 6 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



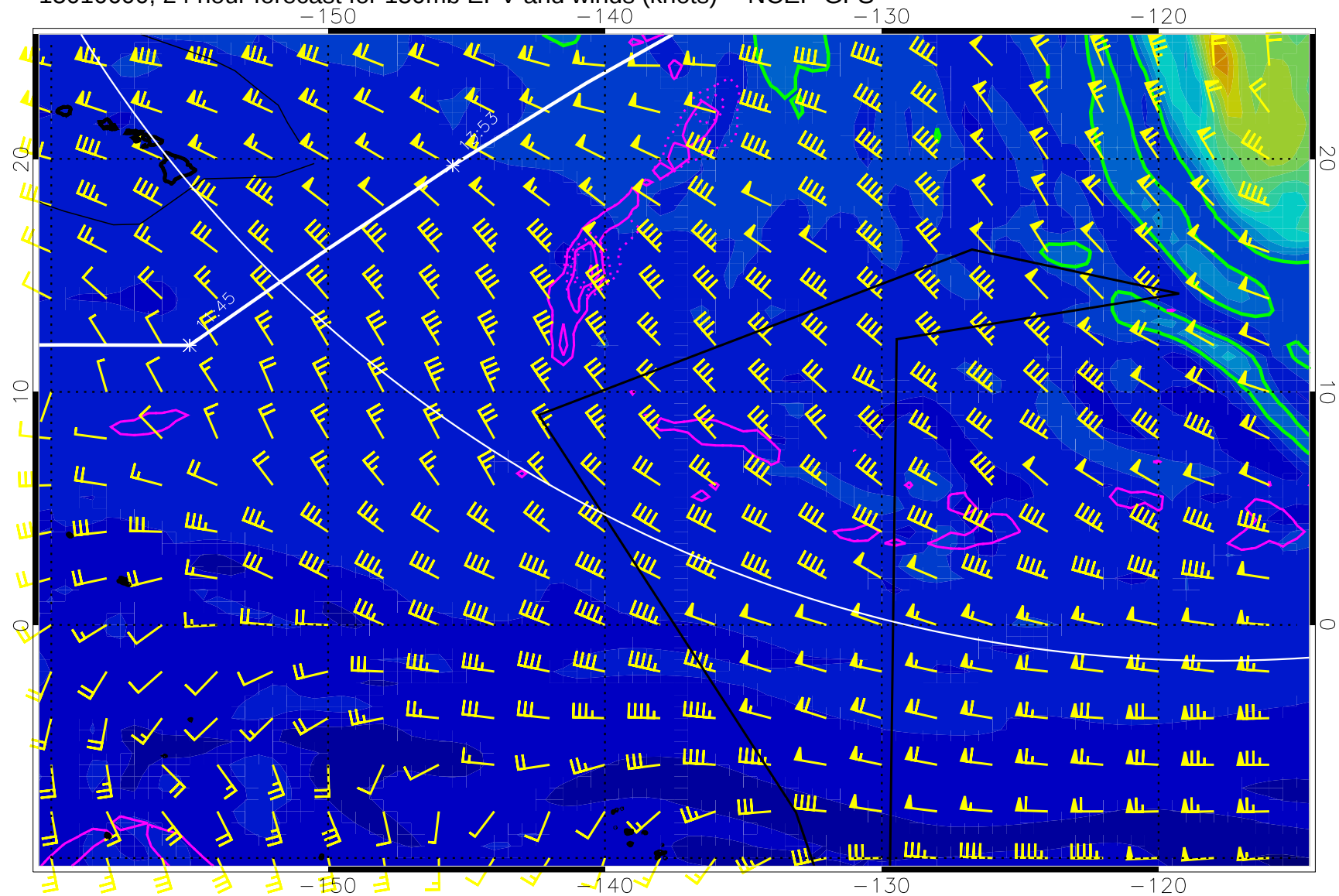
15010512, 12 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



15010518, 18 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



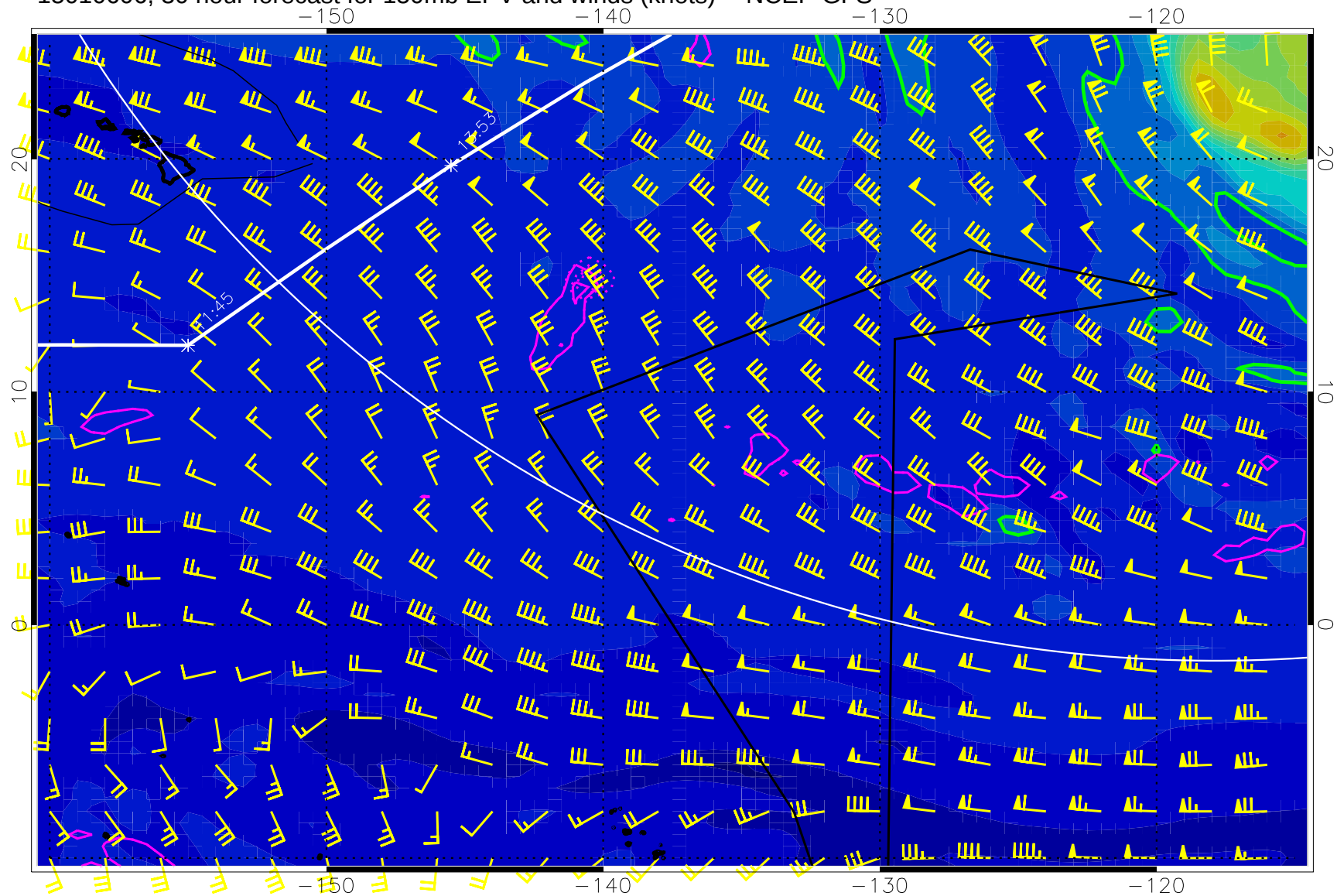
15010600, 24 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010606, 30 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

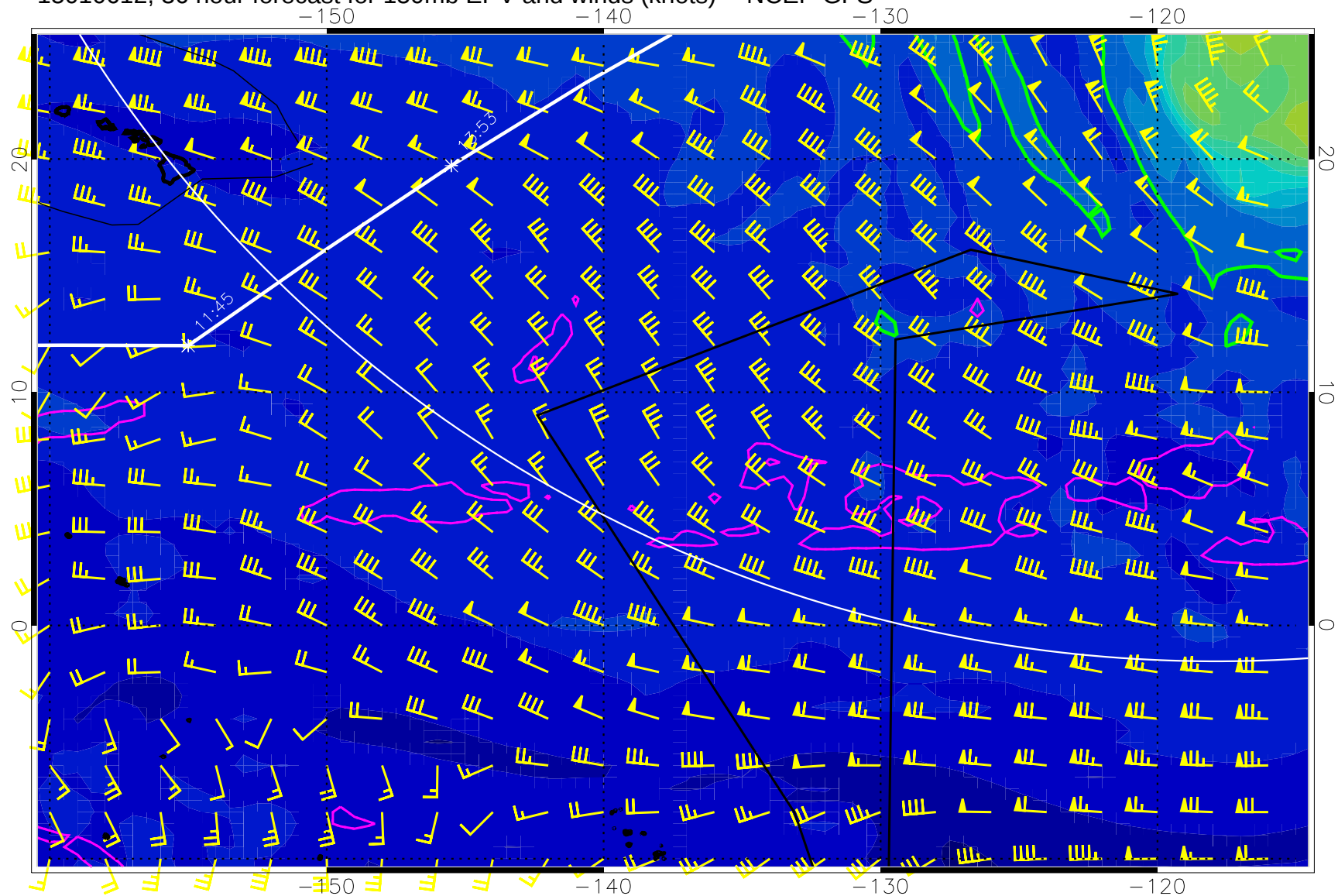
$1.5 \times 10^{-5}$

PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010612, 36 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

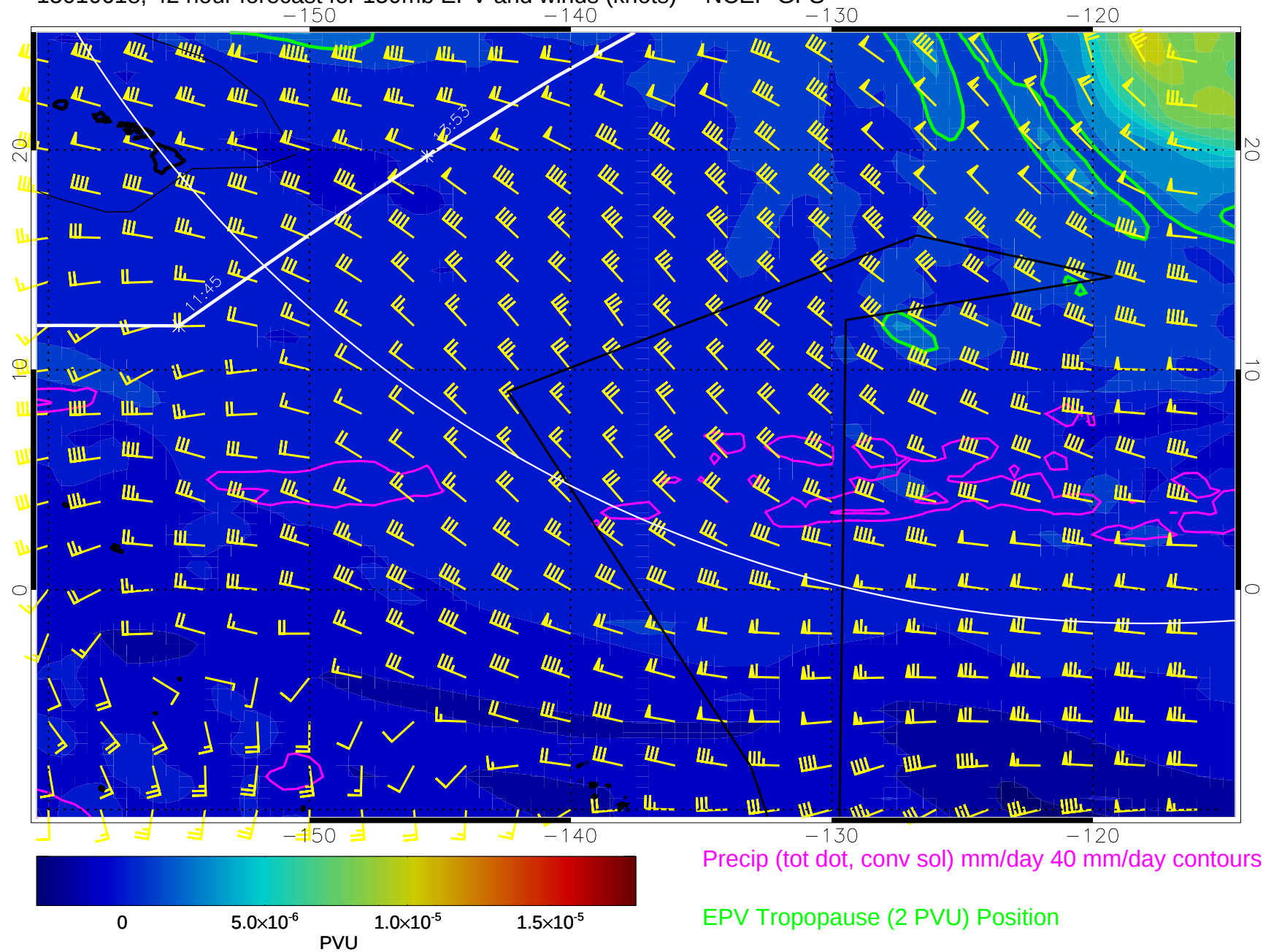
$1.5 \times 10^{-5}$

PVU

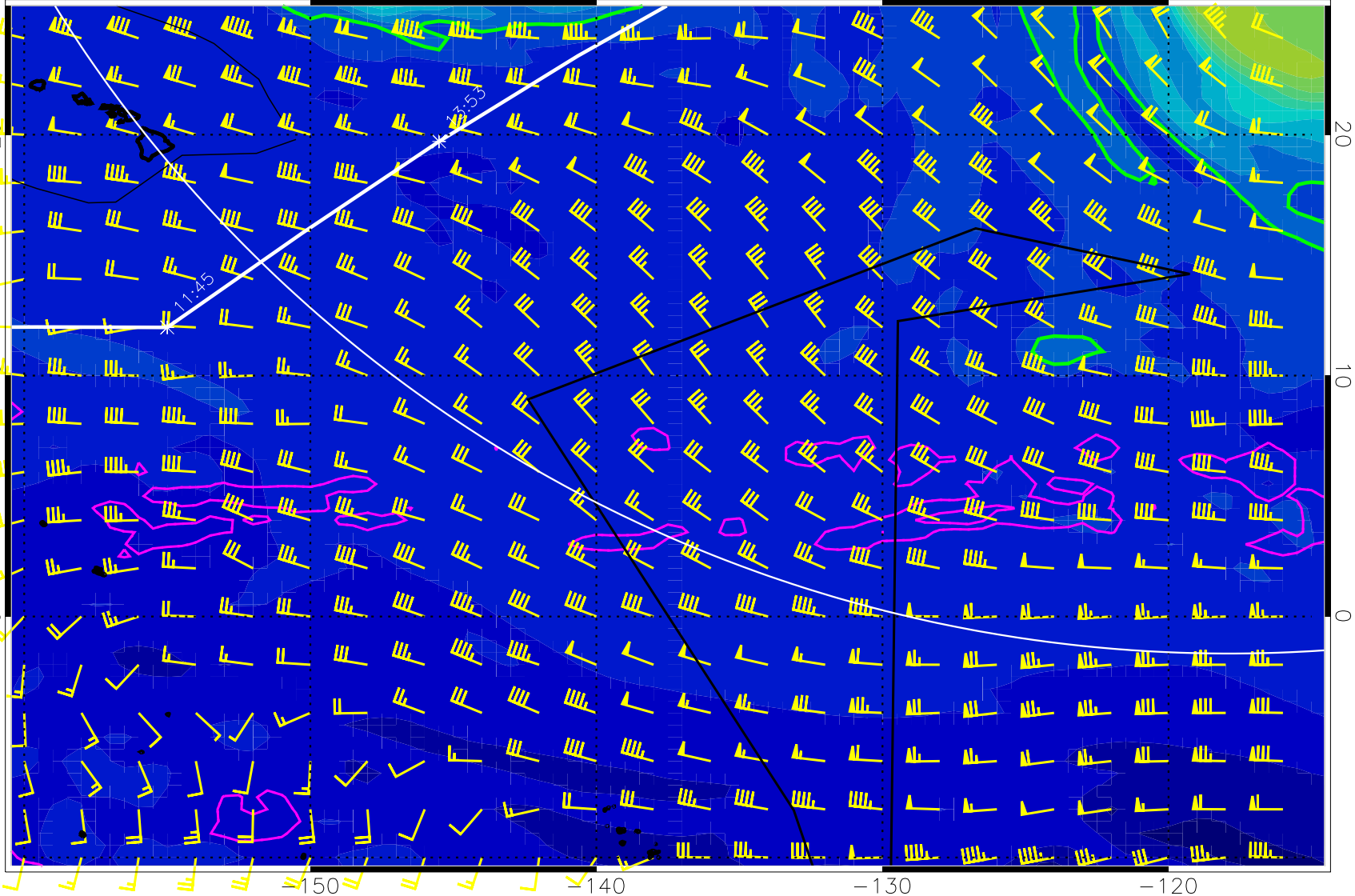
Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010618, 42 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS

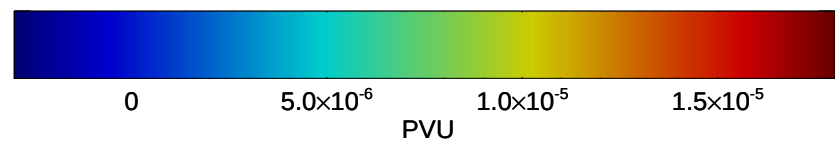


|                                                              |          |          |          |          |
|--------------------------------------------------------------|----------|----------|----------|----------|
| 10010100, 10 near forecast 10: 100m/s E, V and winds (knots) | 10010100 | 10010100 | 10010100 | 10010100 |
|                                                              | -150     | -140     | -130     | -120     |

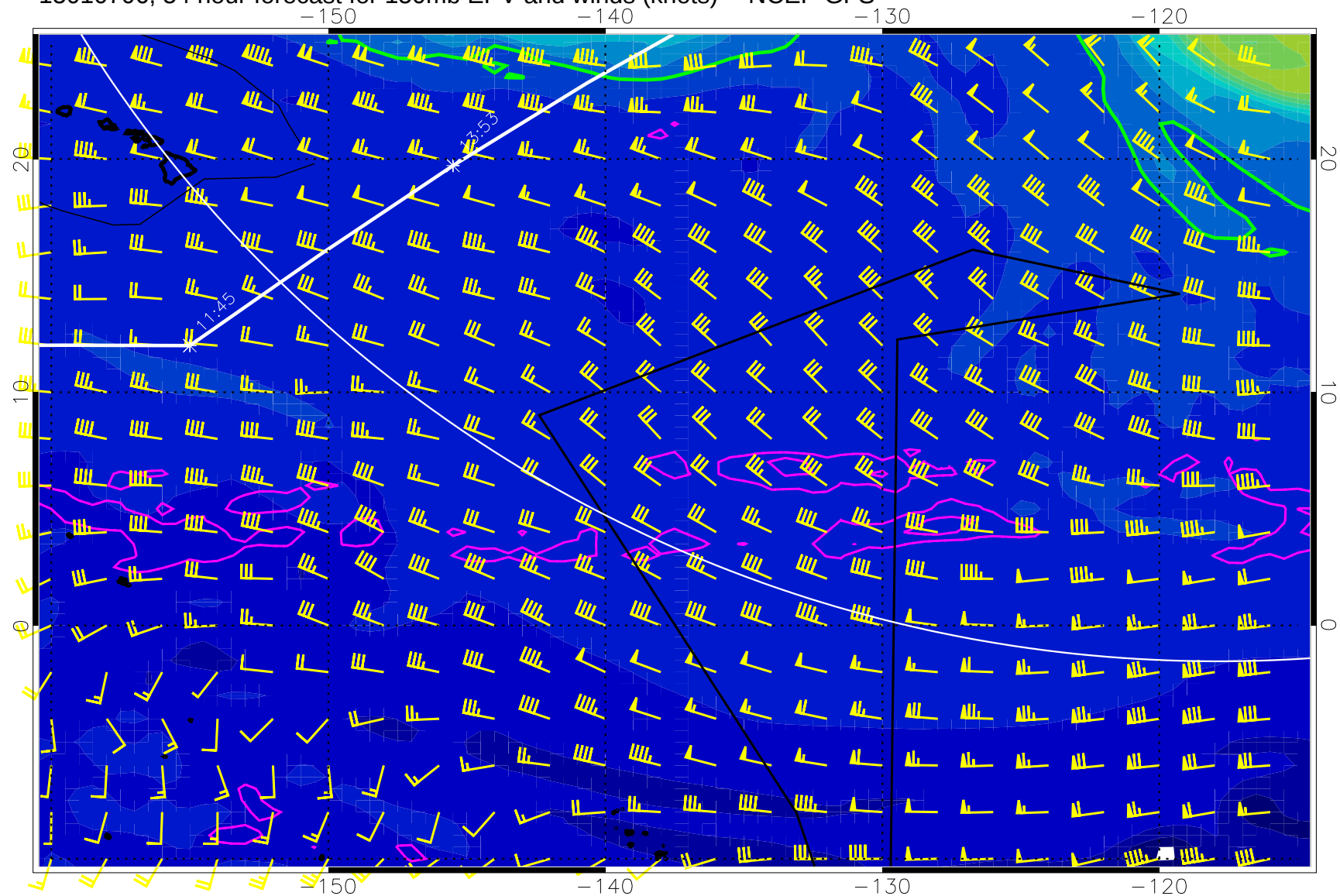


Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

## EPV Tropopause (2 PVU) Position



15010706, 54 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

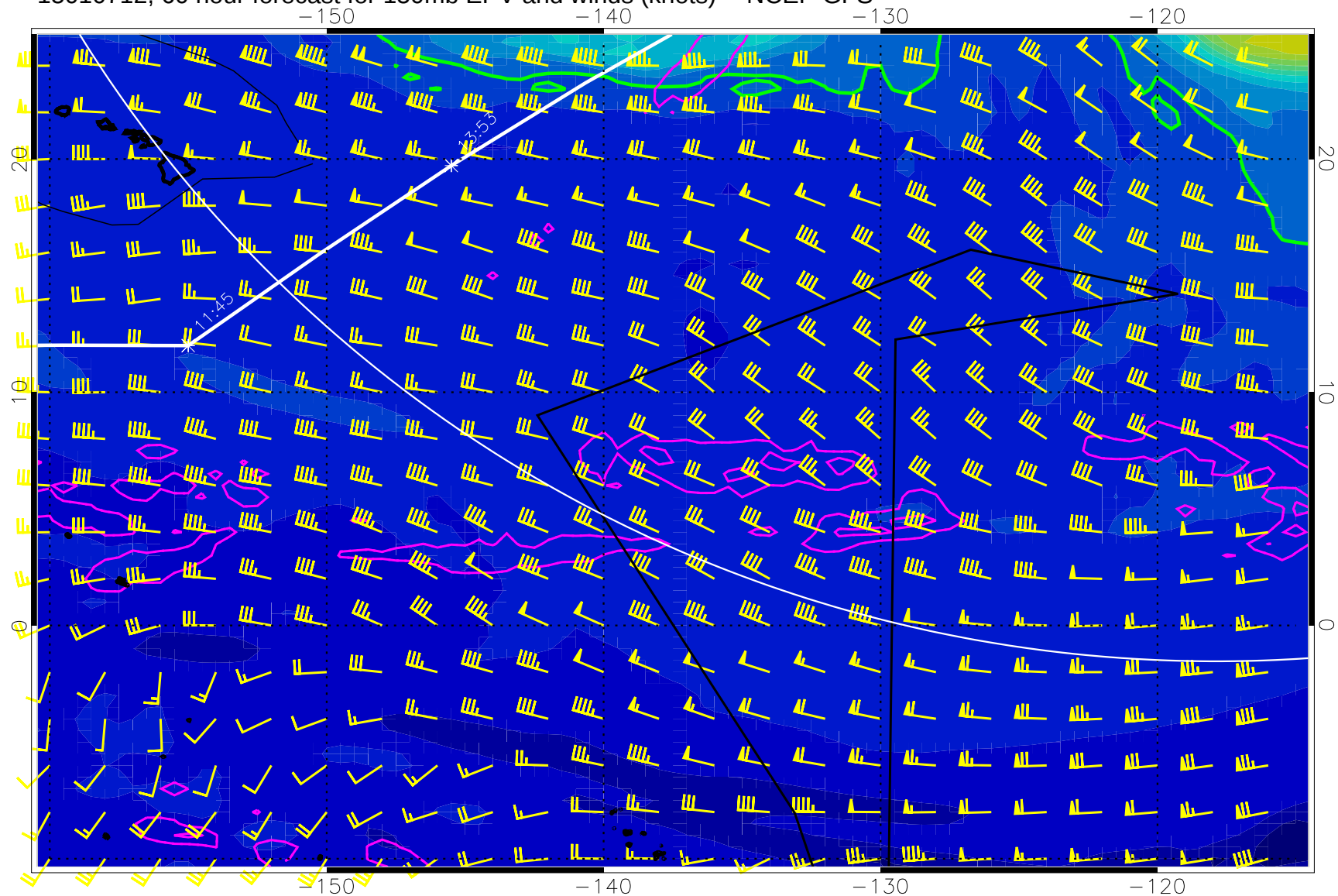
$1.5 \times 10^{-5}$

PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010712, 60 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

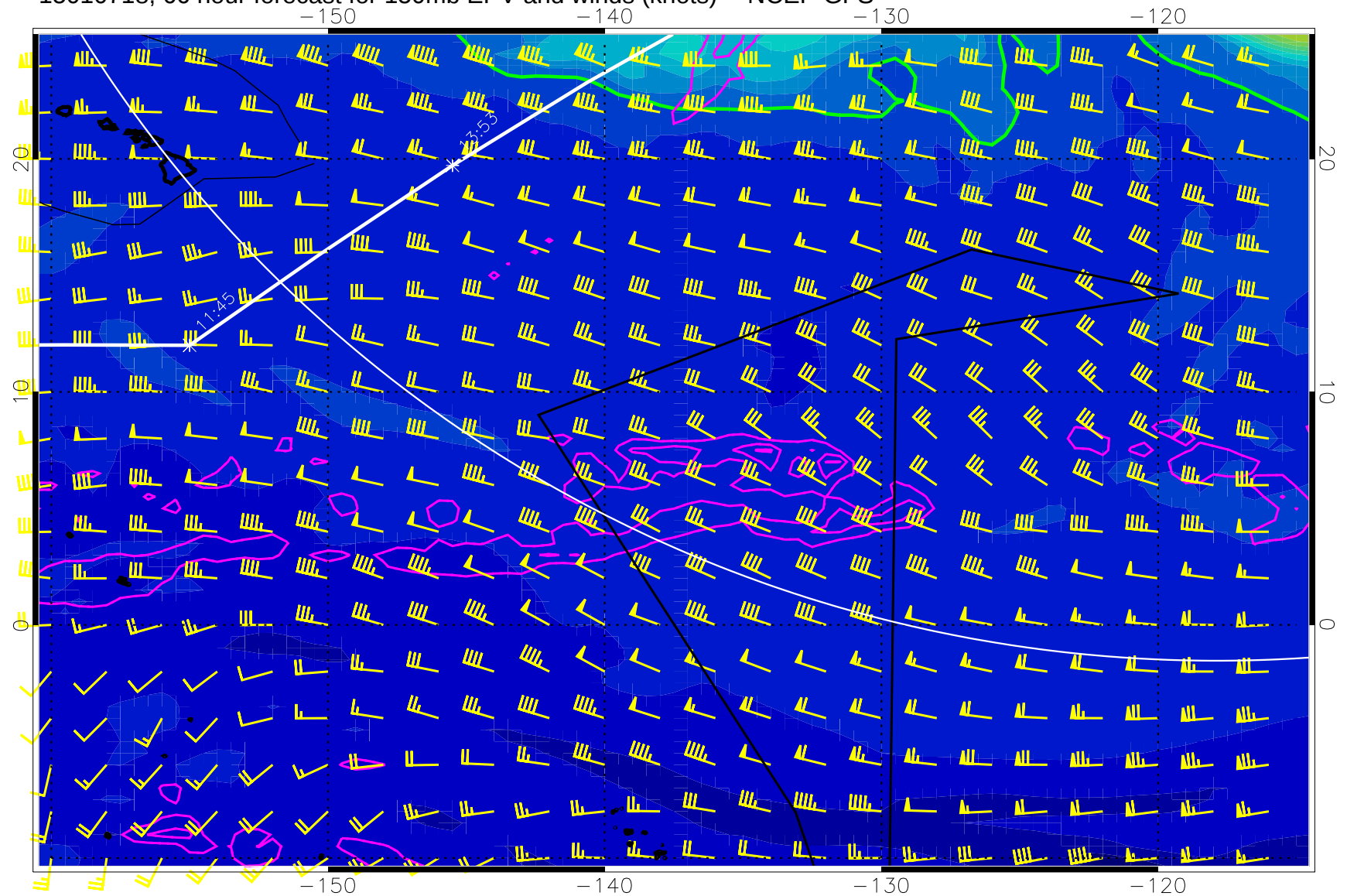
$1.5 \times 10^{-5}$

PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010718, 66 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

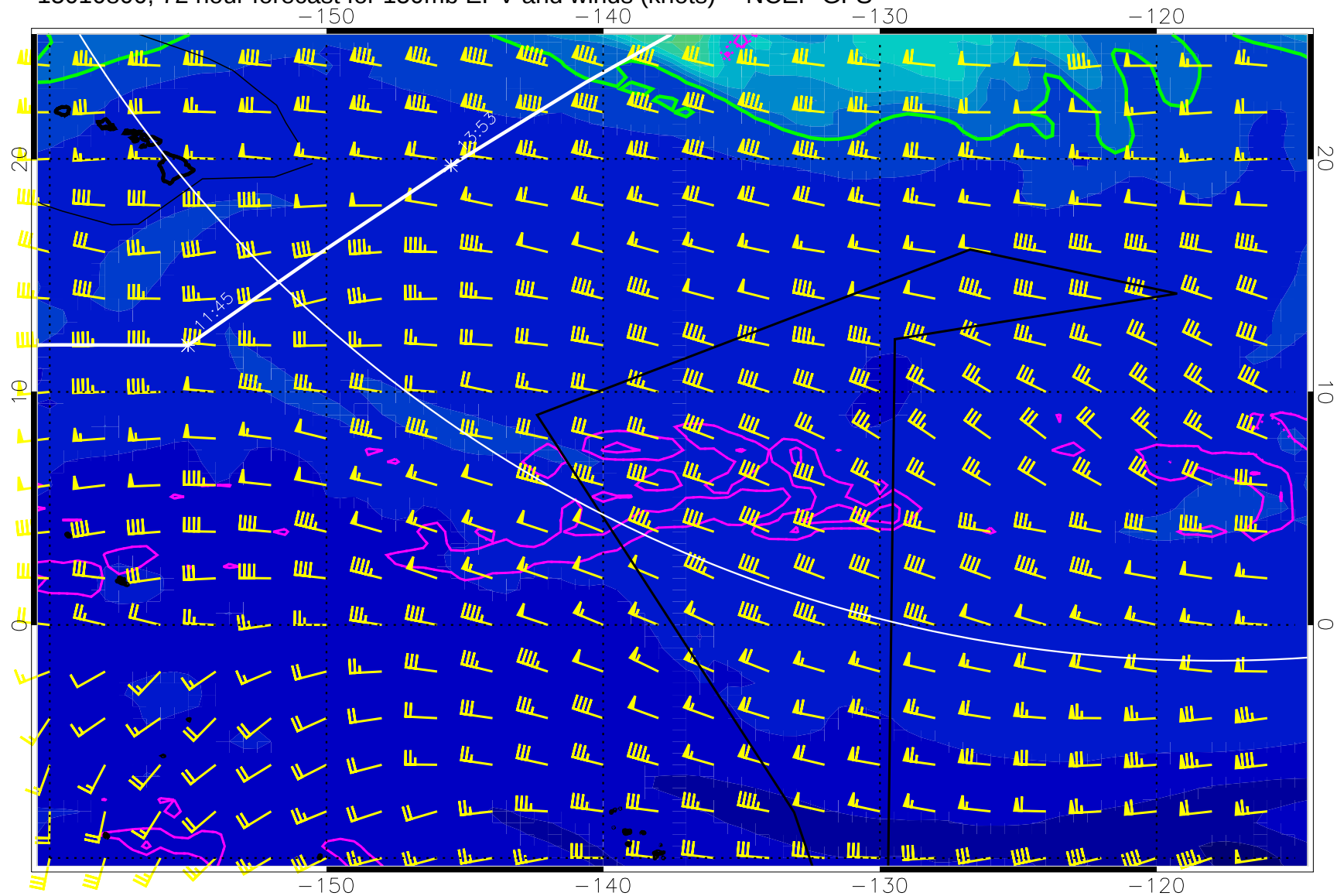
$1.5 \times 10^{-5}$

PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010800, 72 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

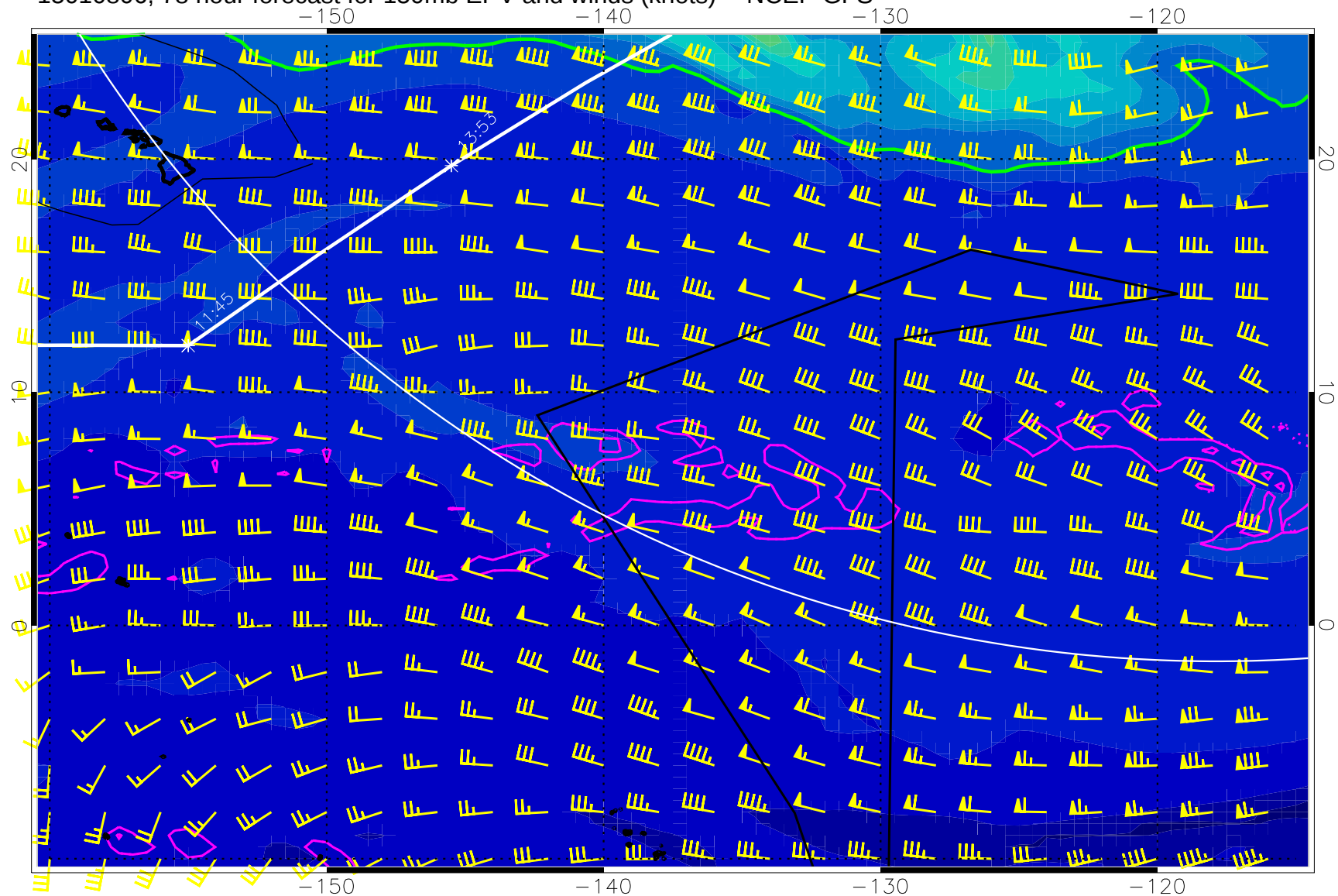
$1.5 \times 10^{-5}$

PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010806, 78 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

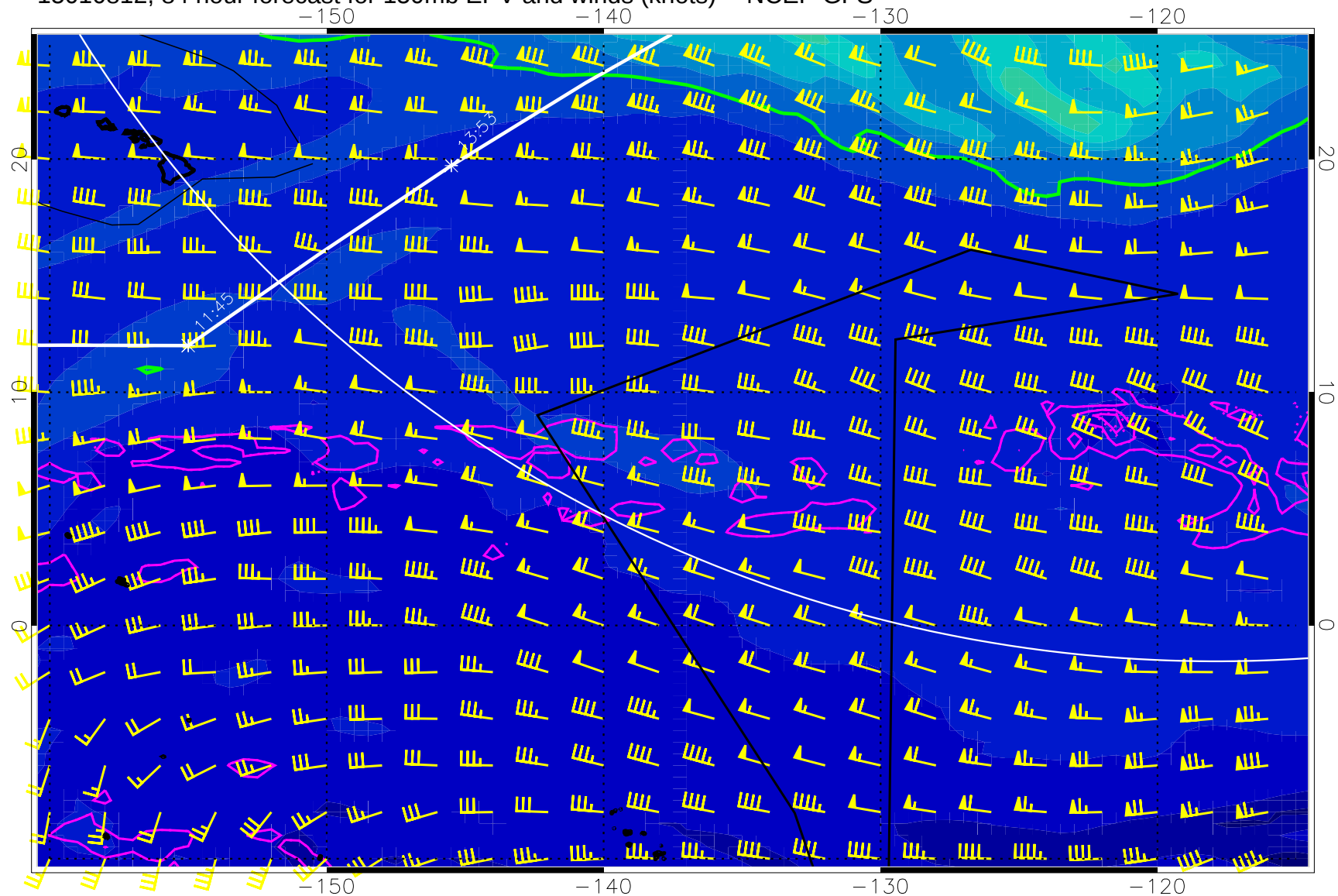
$1.5 \times 10^{-5}$

PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010812, 84 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

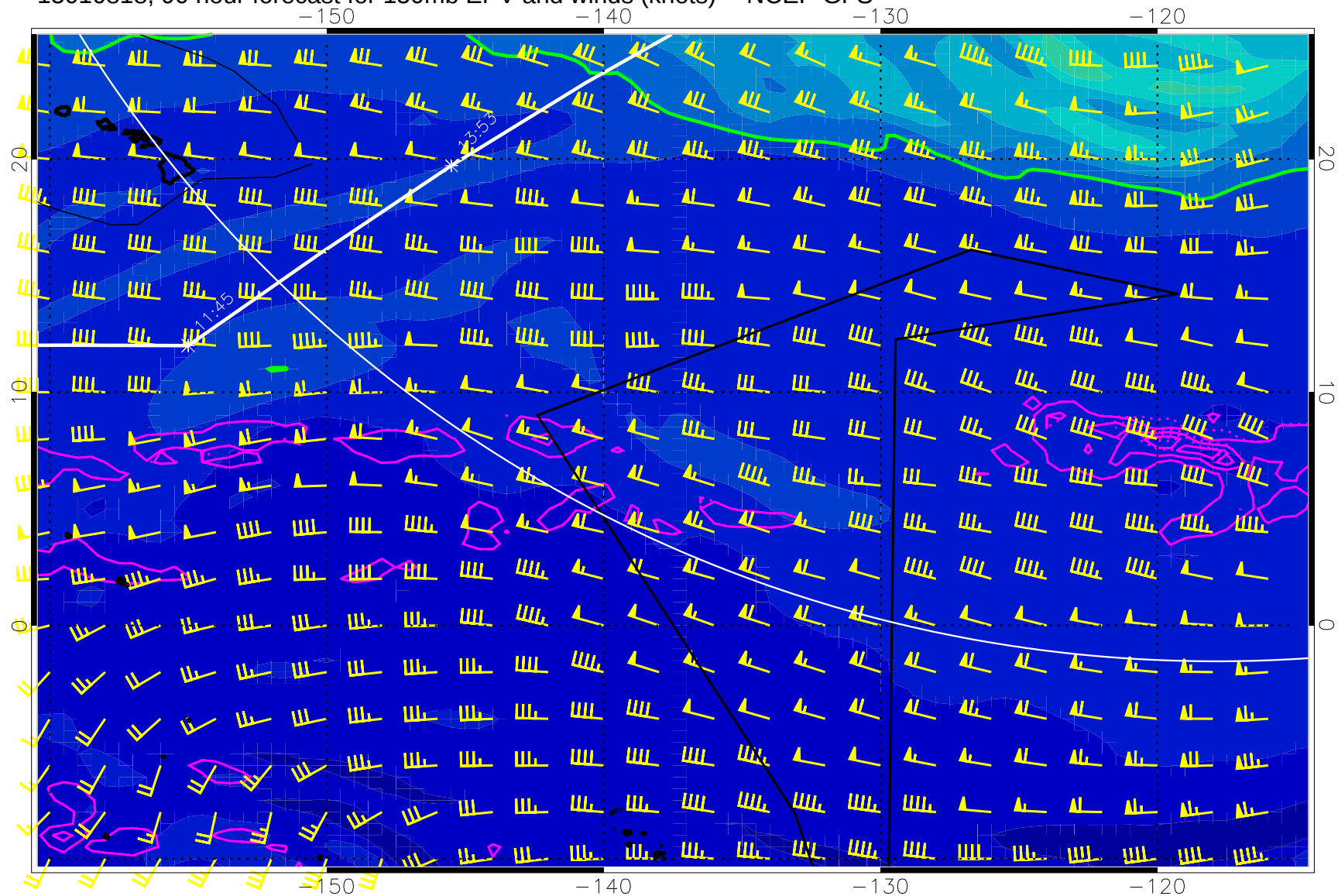
$1.5 \times 10^{-5}$

PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010818, 90 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS

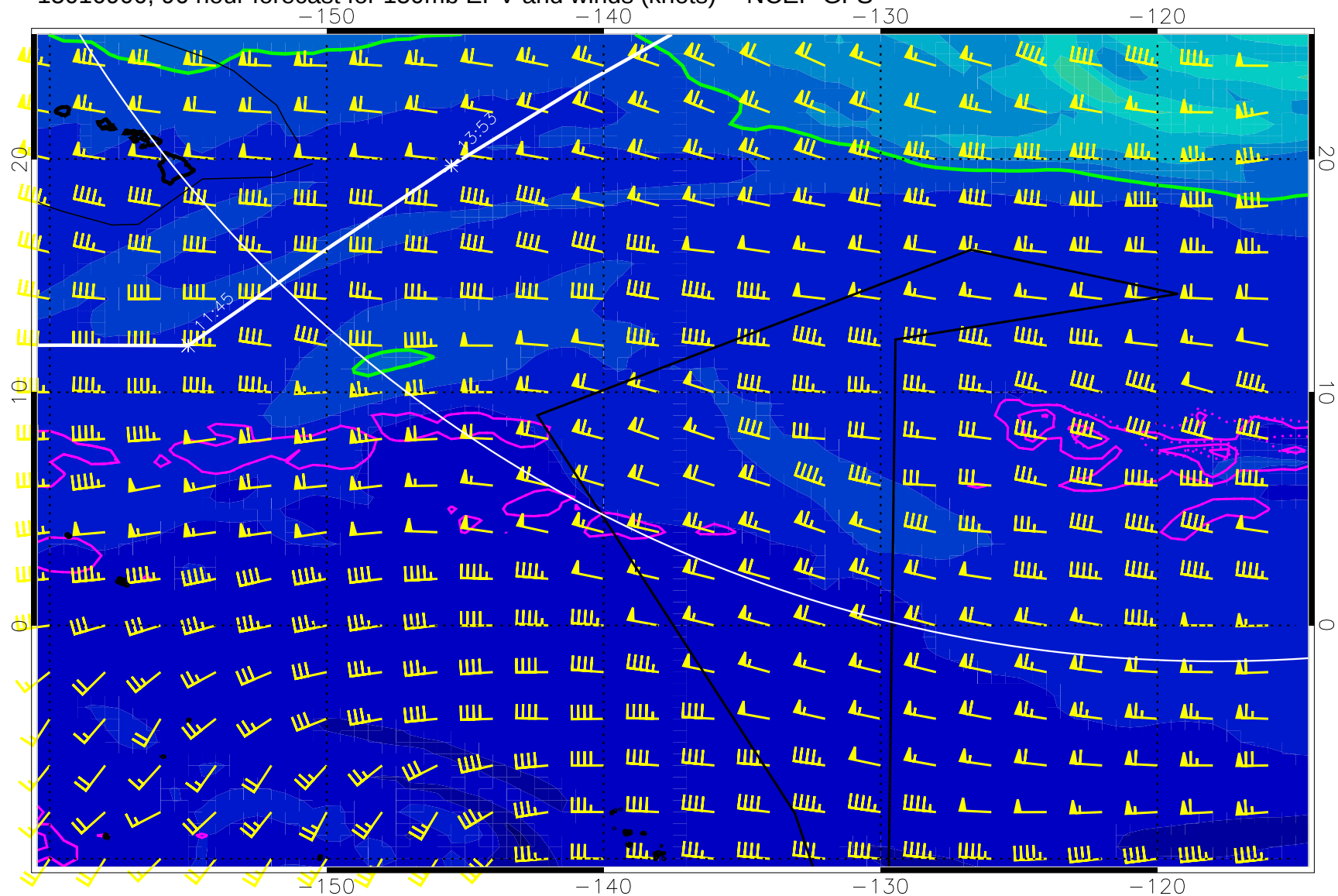


PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010900, 96 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

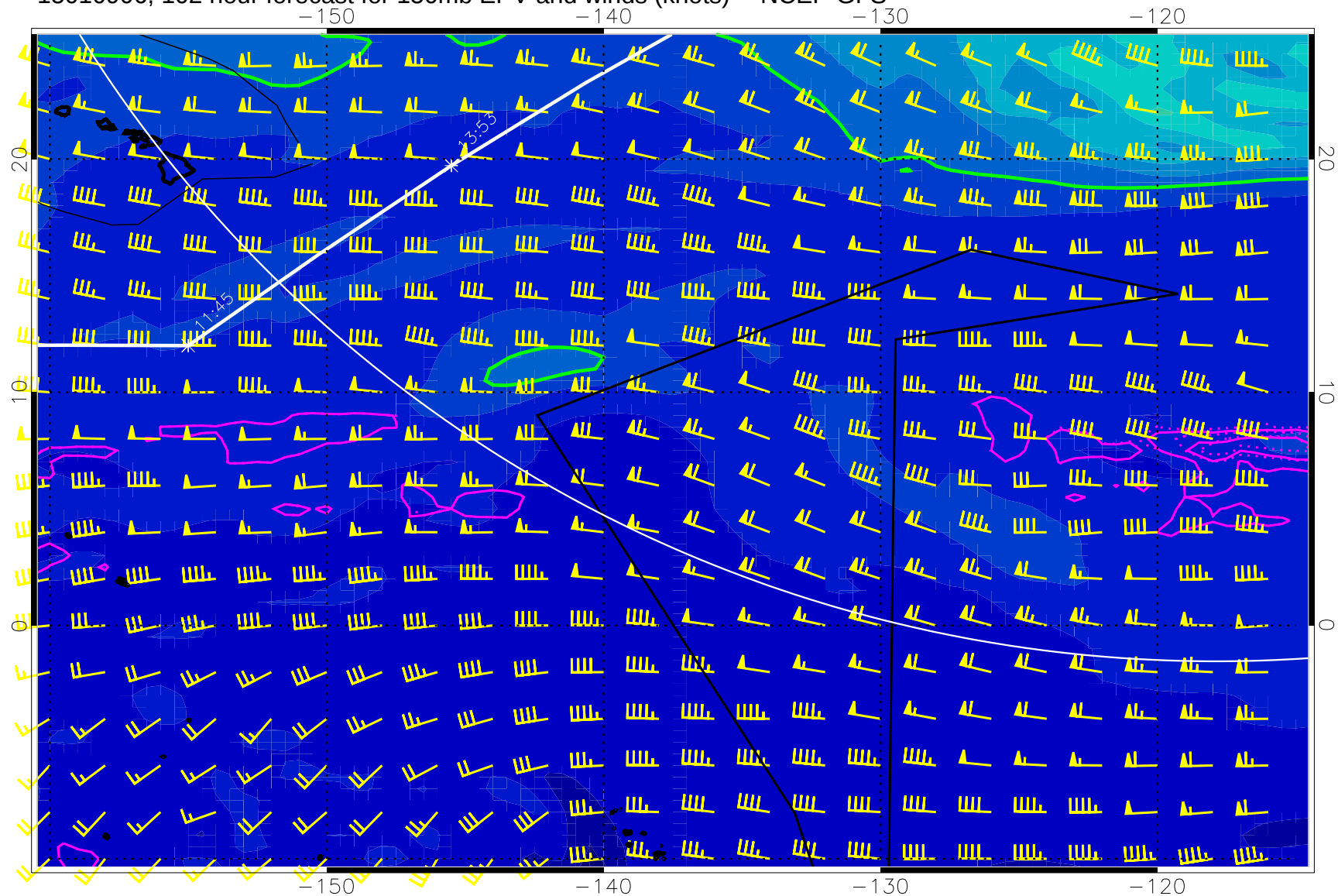
$1.5 \times 10^{-5}$

PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010906, 102 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

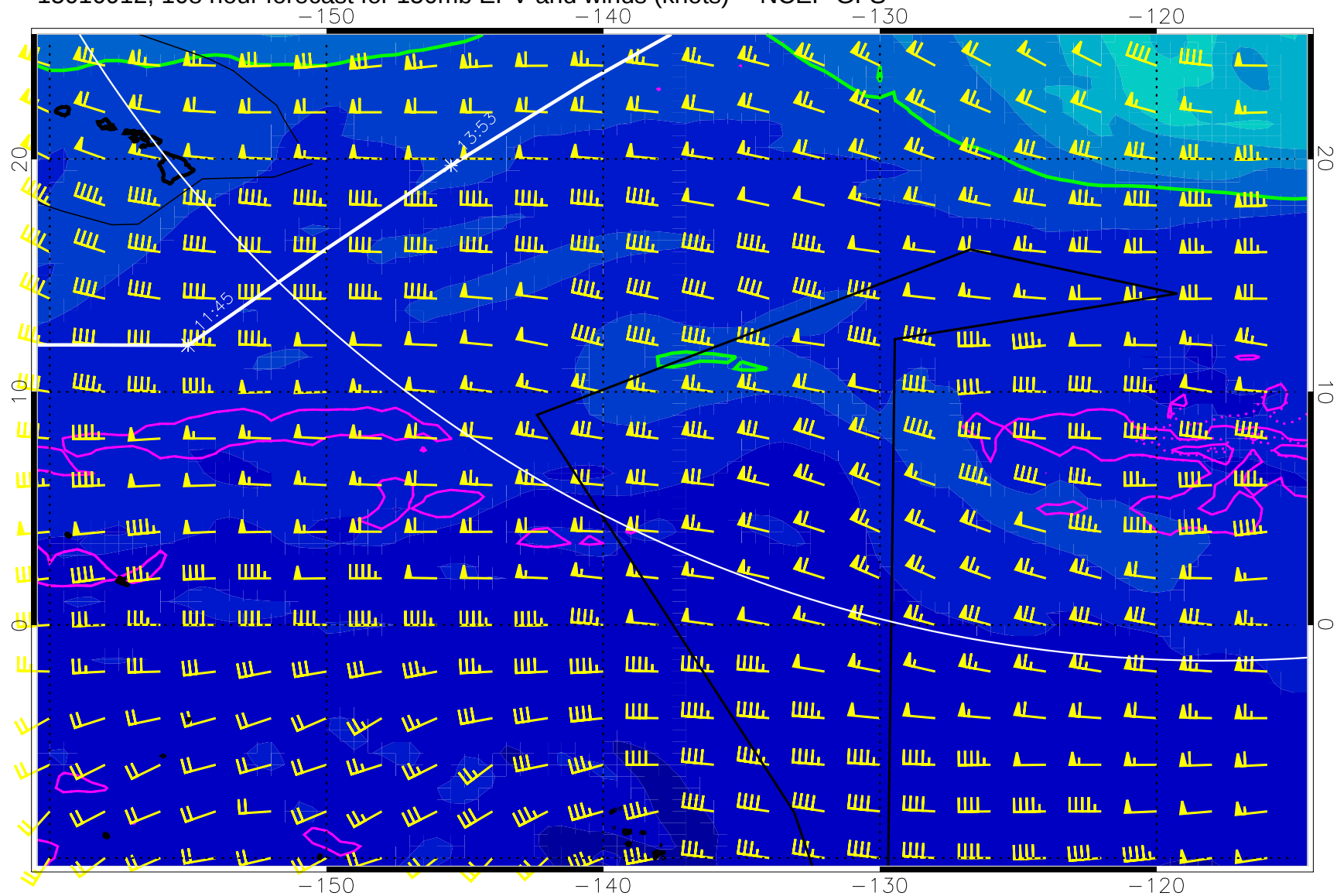
$1.5 \times 10^{-5}$

PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010912, 108 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

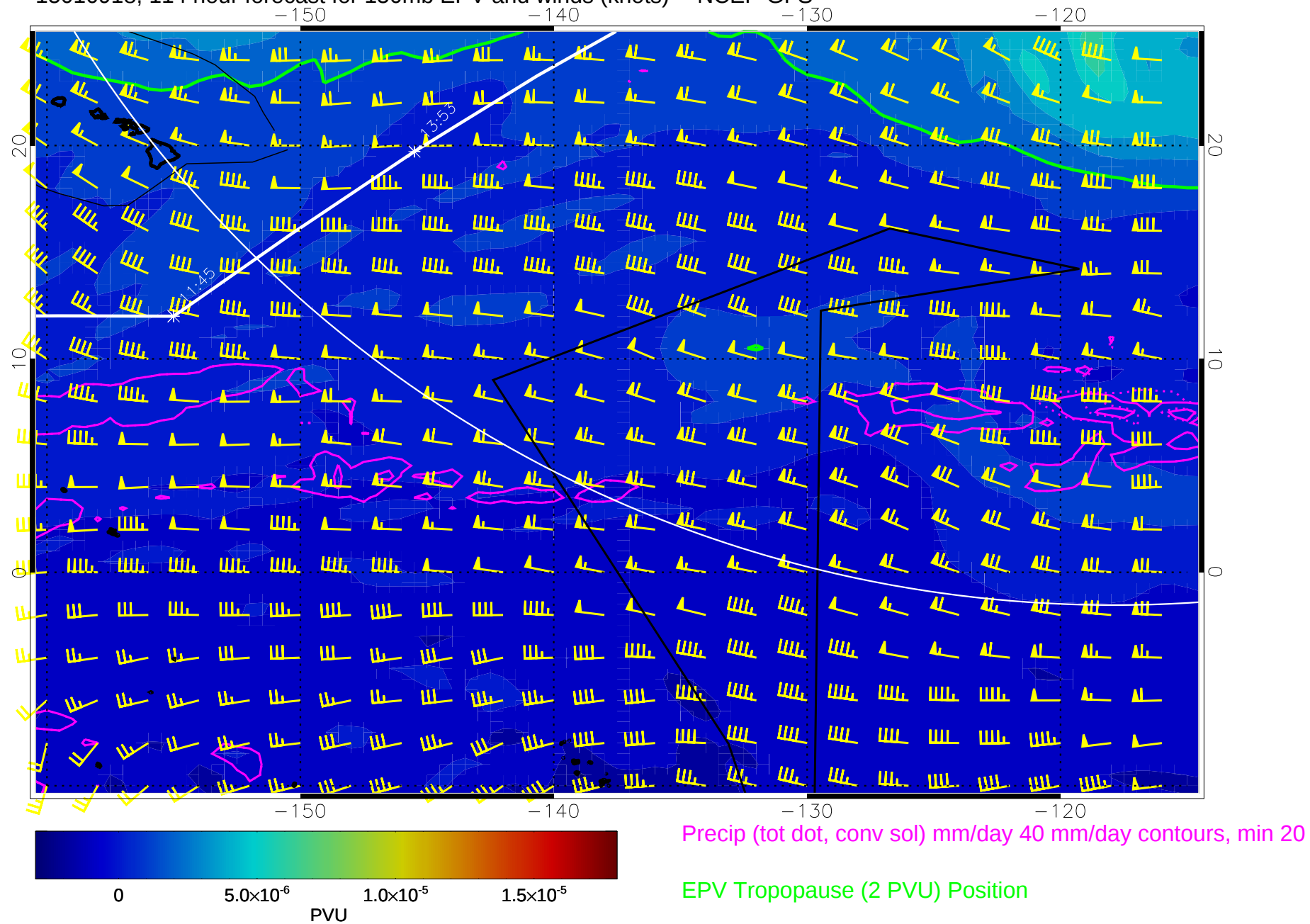
$1.5 \times 10^{-5}$

PVU

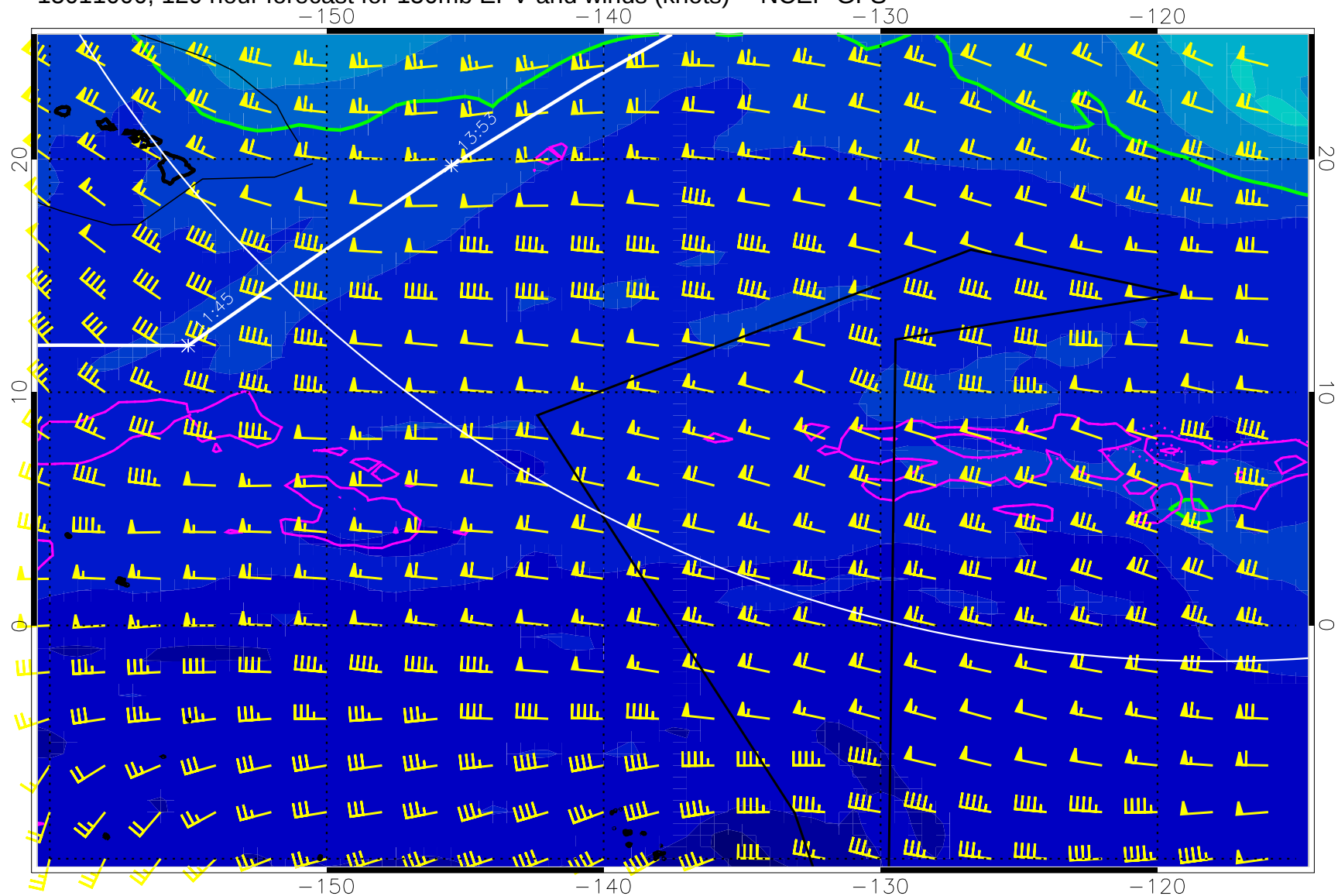
Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

15010918, 114 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



15011000, 120 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position