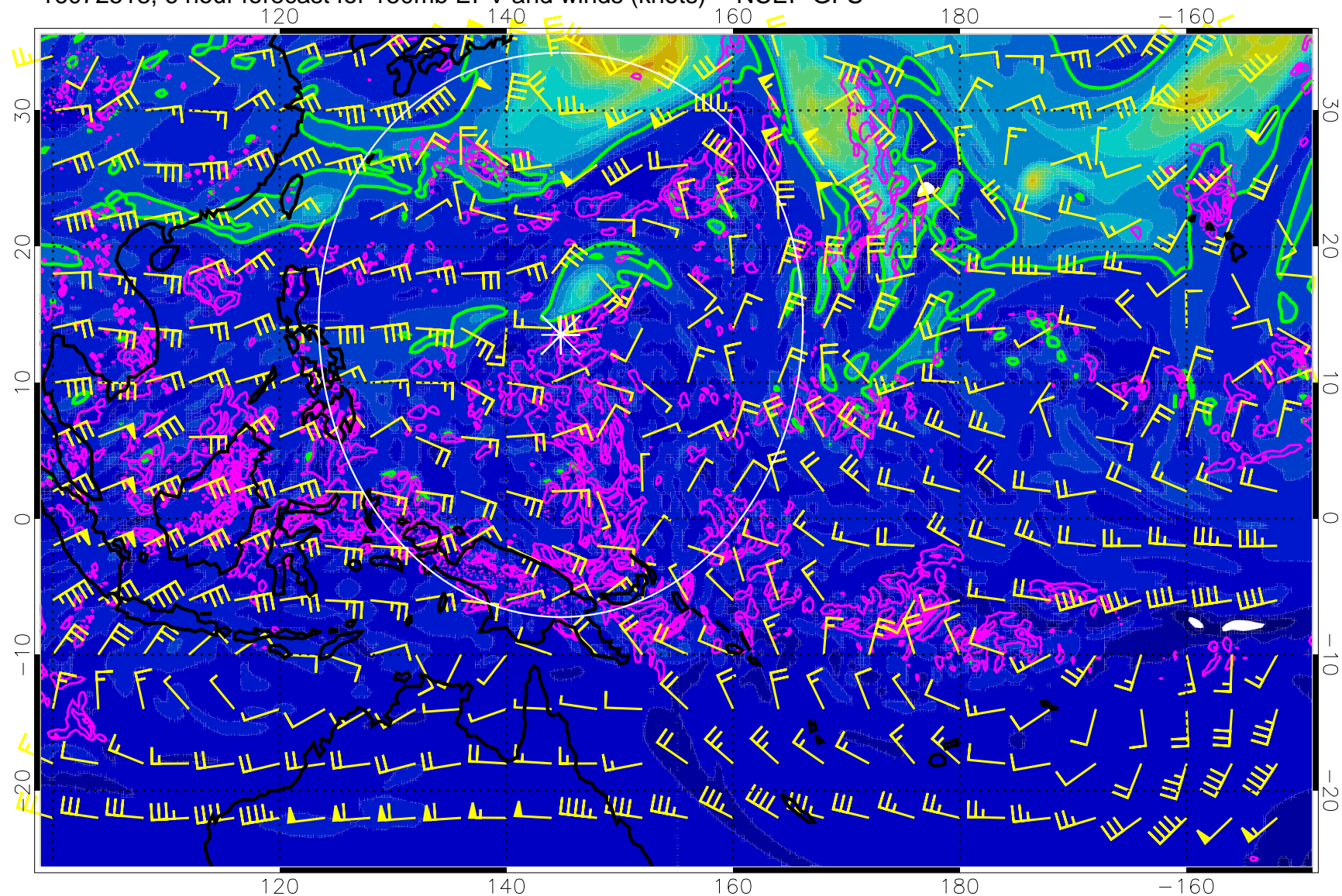


16072518, 6 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



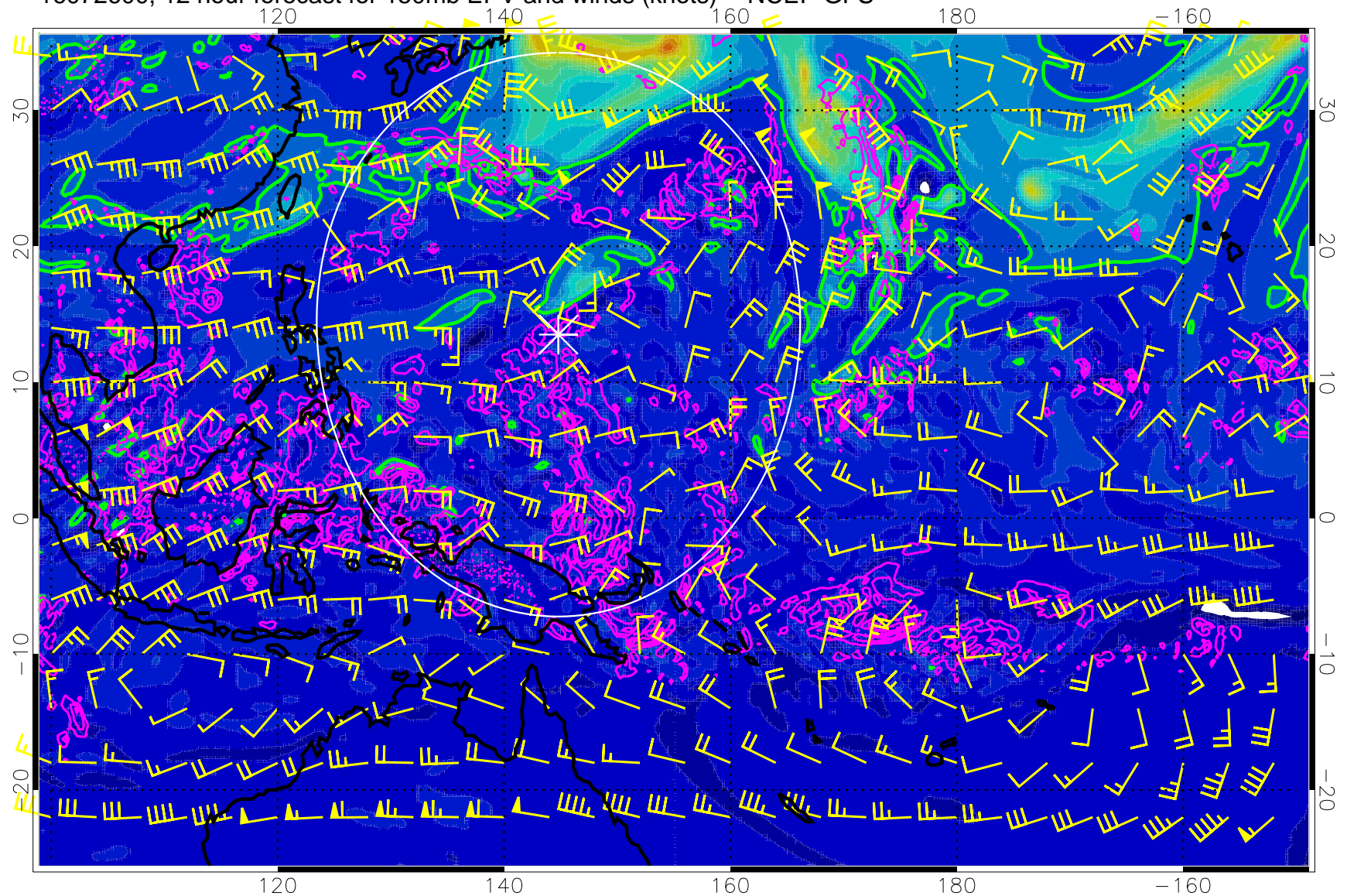
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072600, 12 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

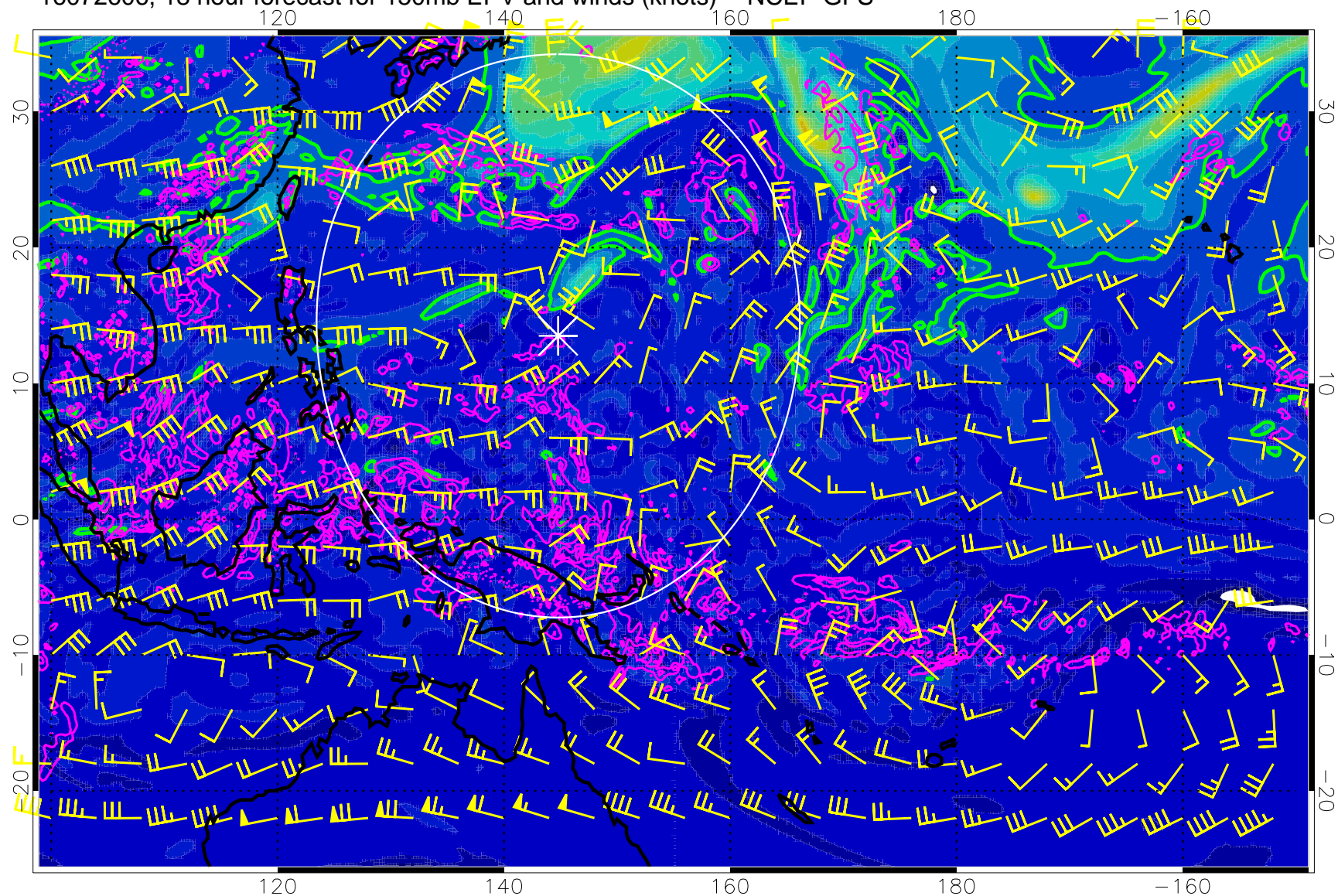
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072606, 18 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



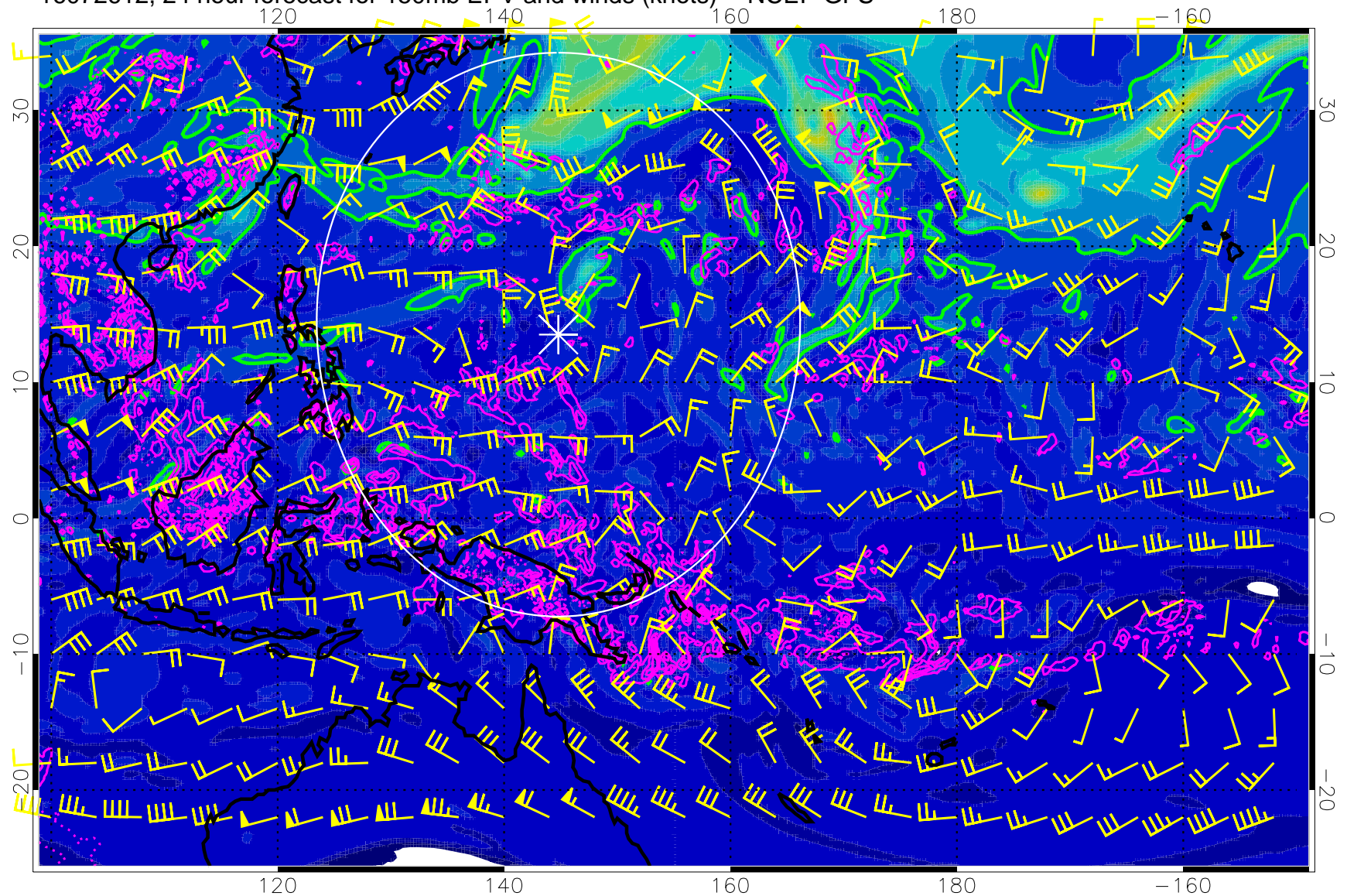
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072612, 24 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

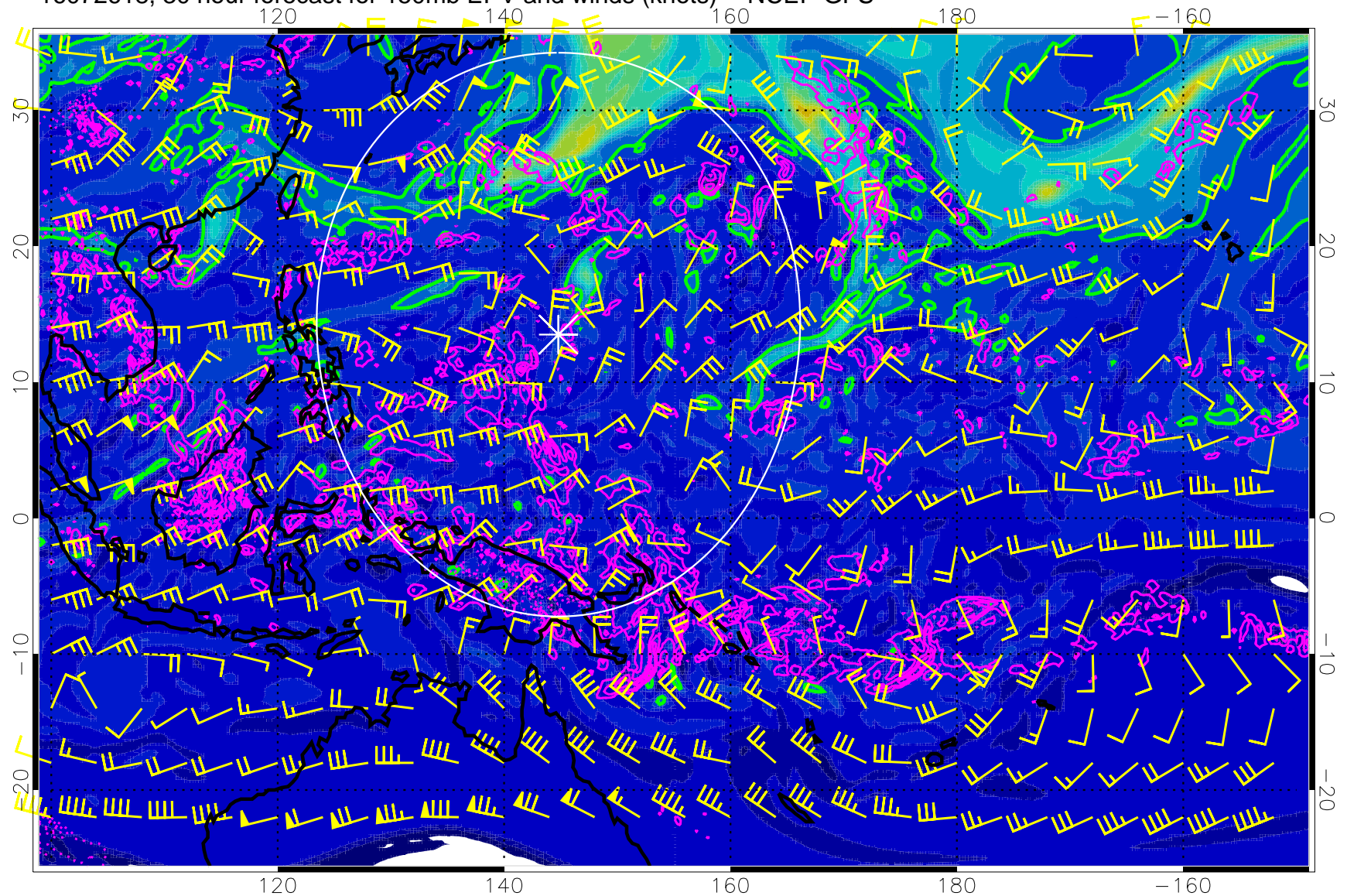
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072618, 30 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



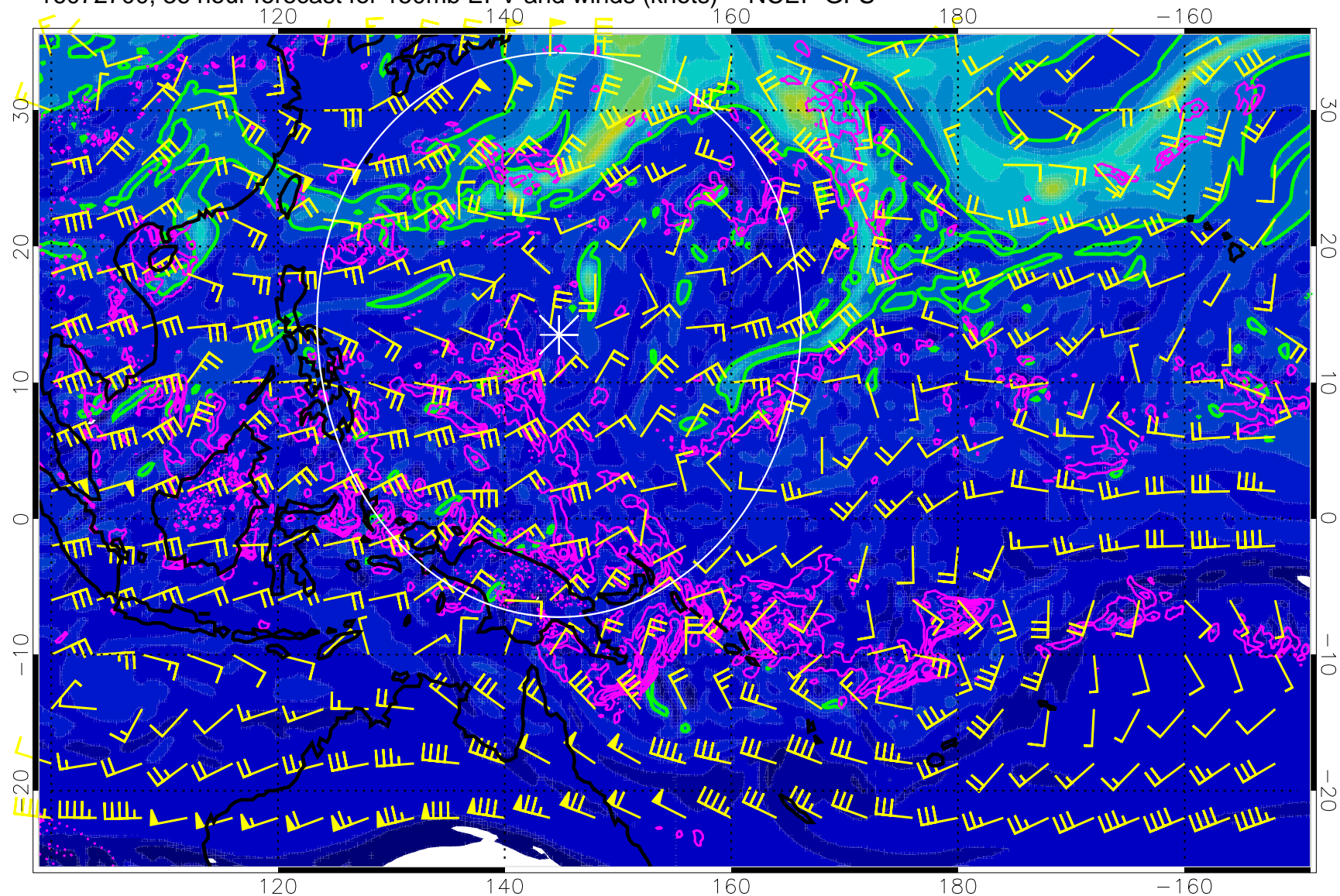
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072700, 36 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

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$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

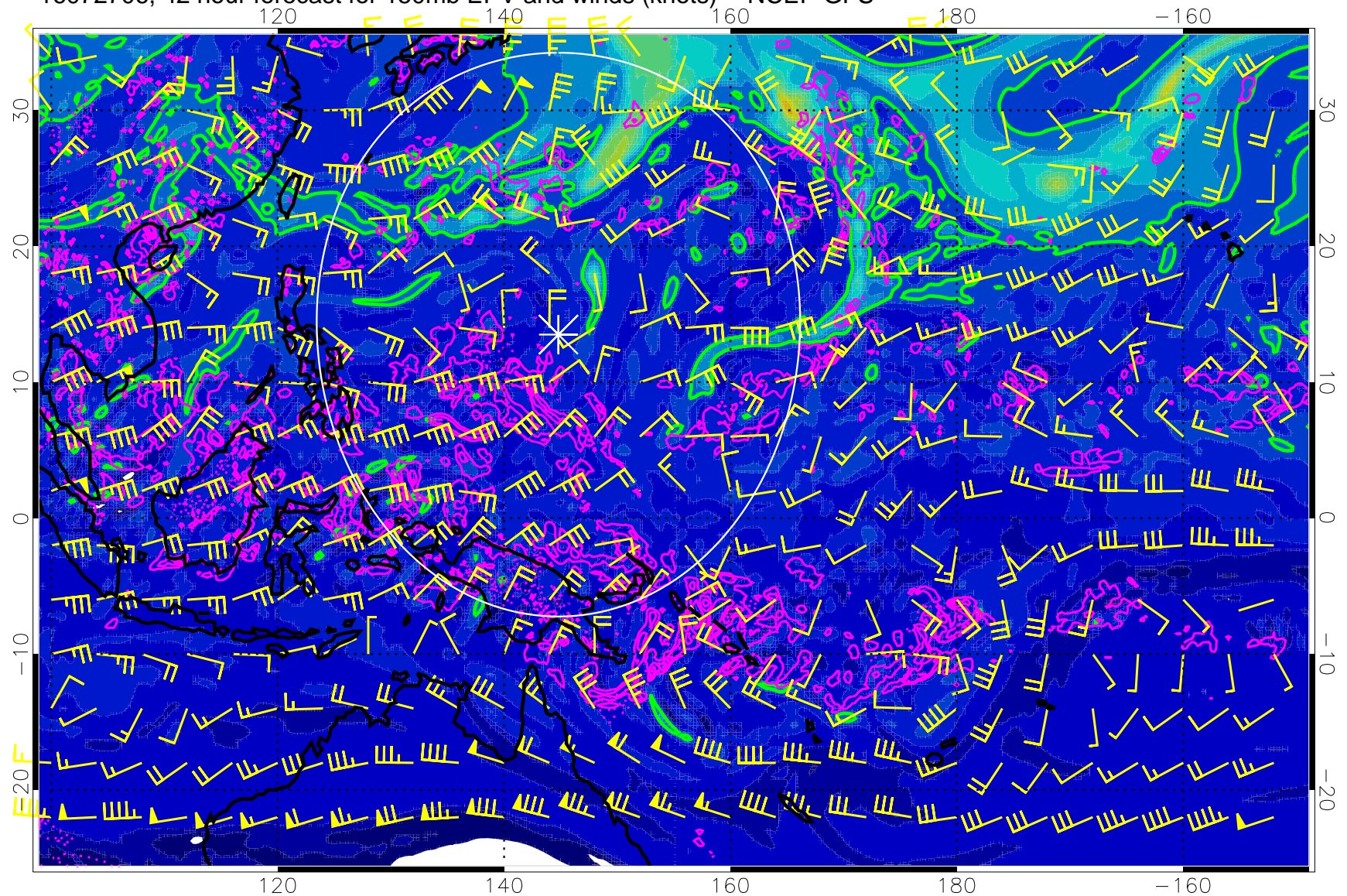
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072706, 42 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



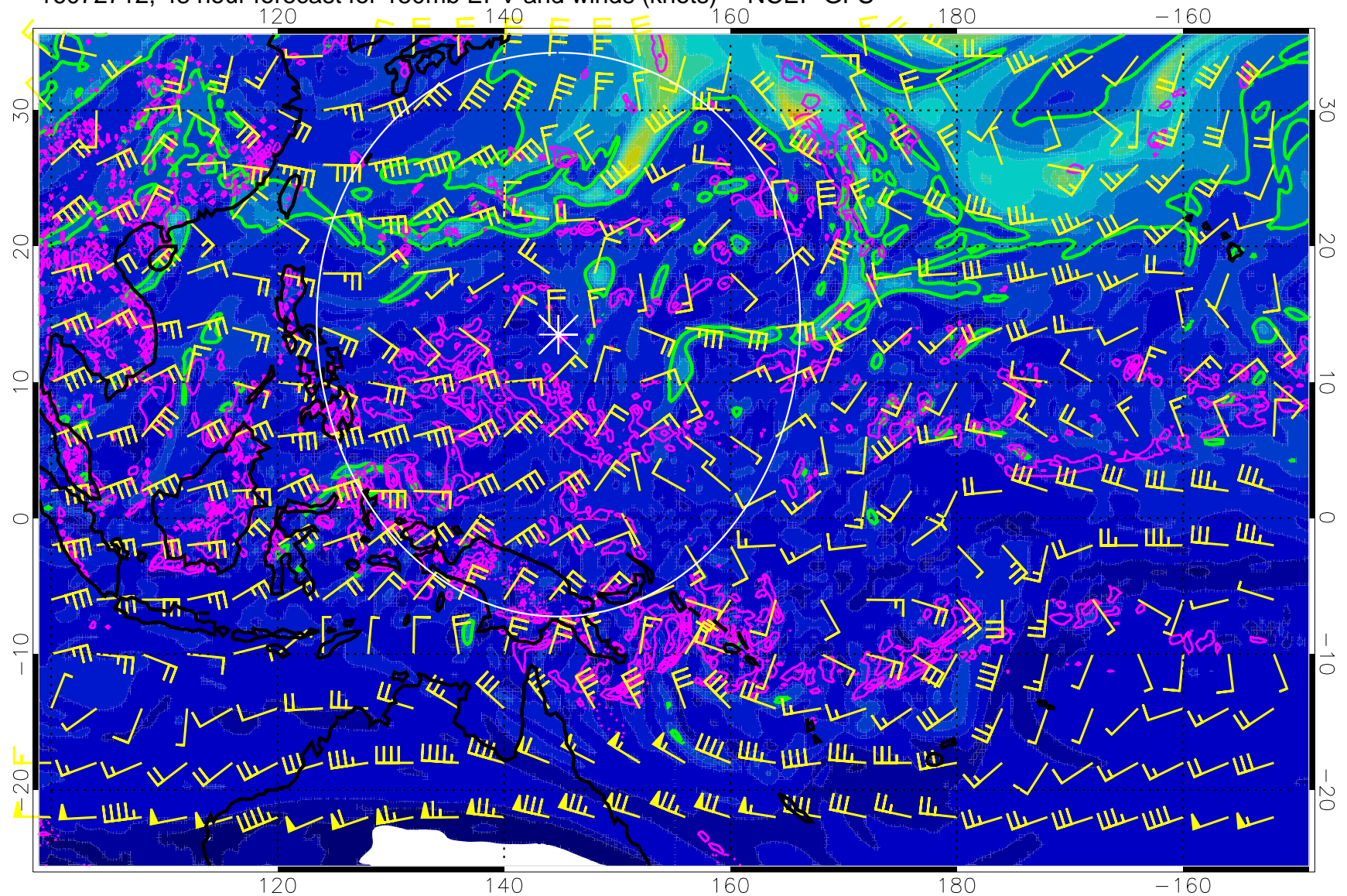
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072712, 48 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

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$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

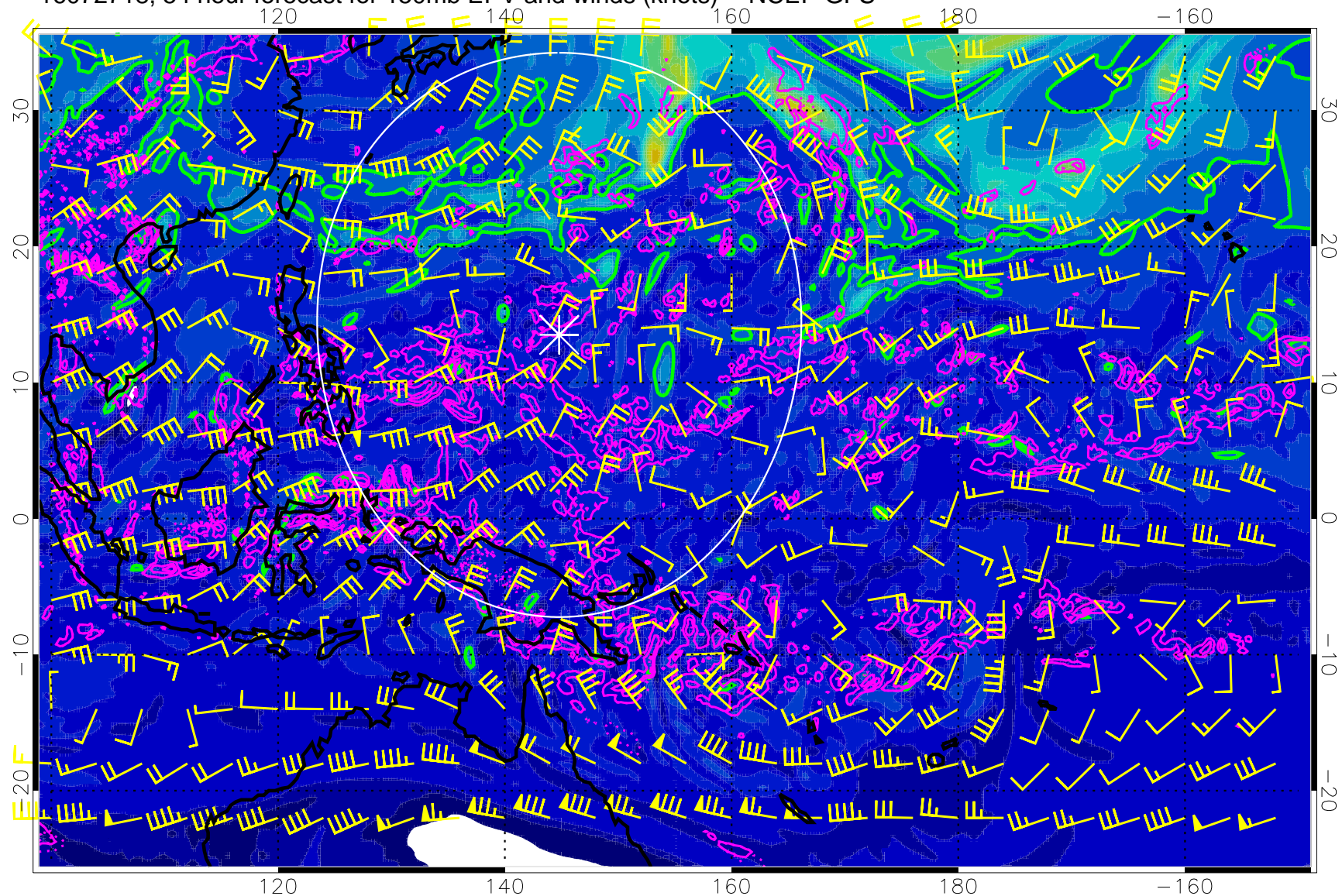
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072718, 54 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

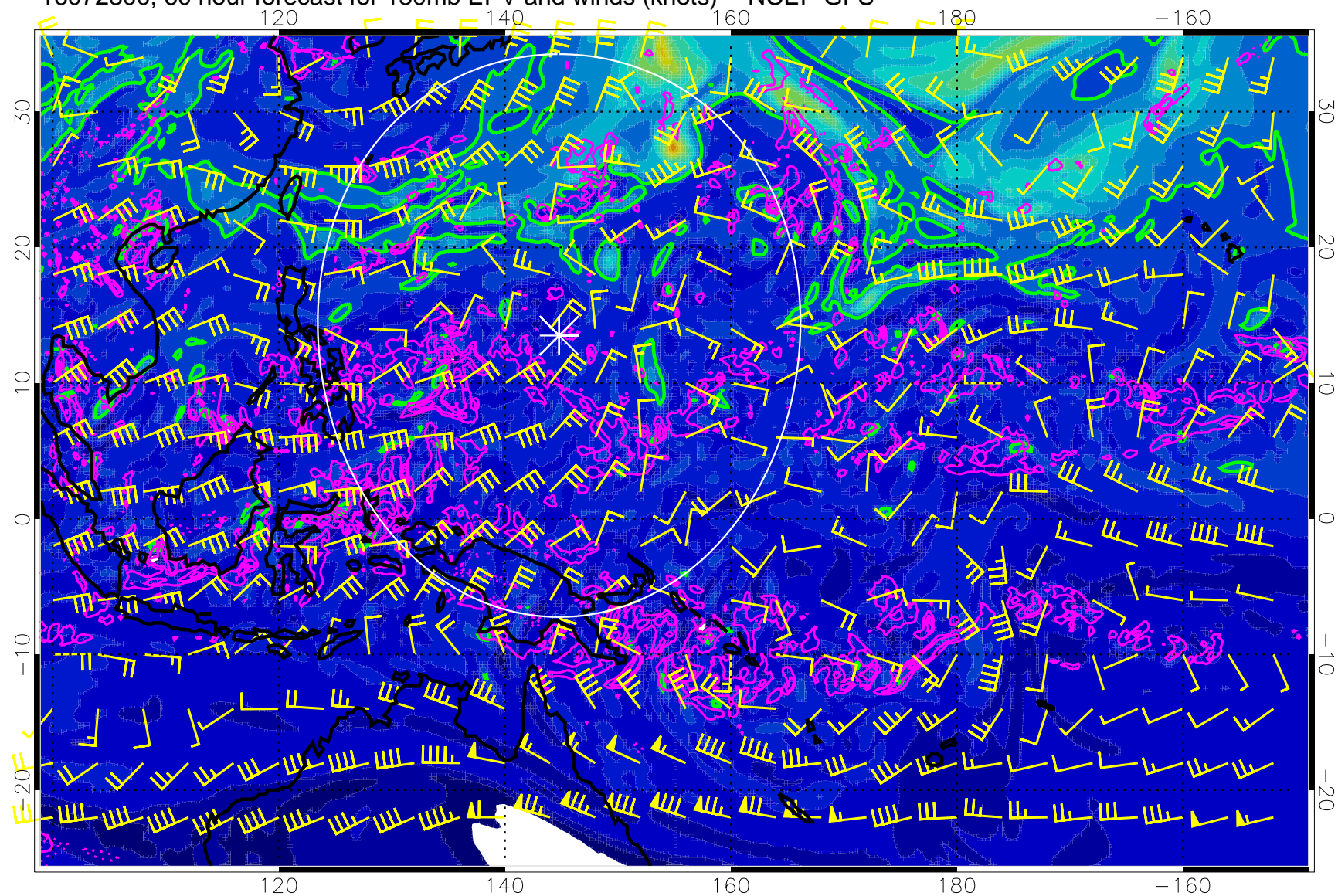
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072800, 60 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

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$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

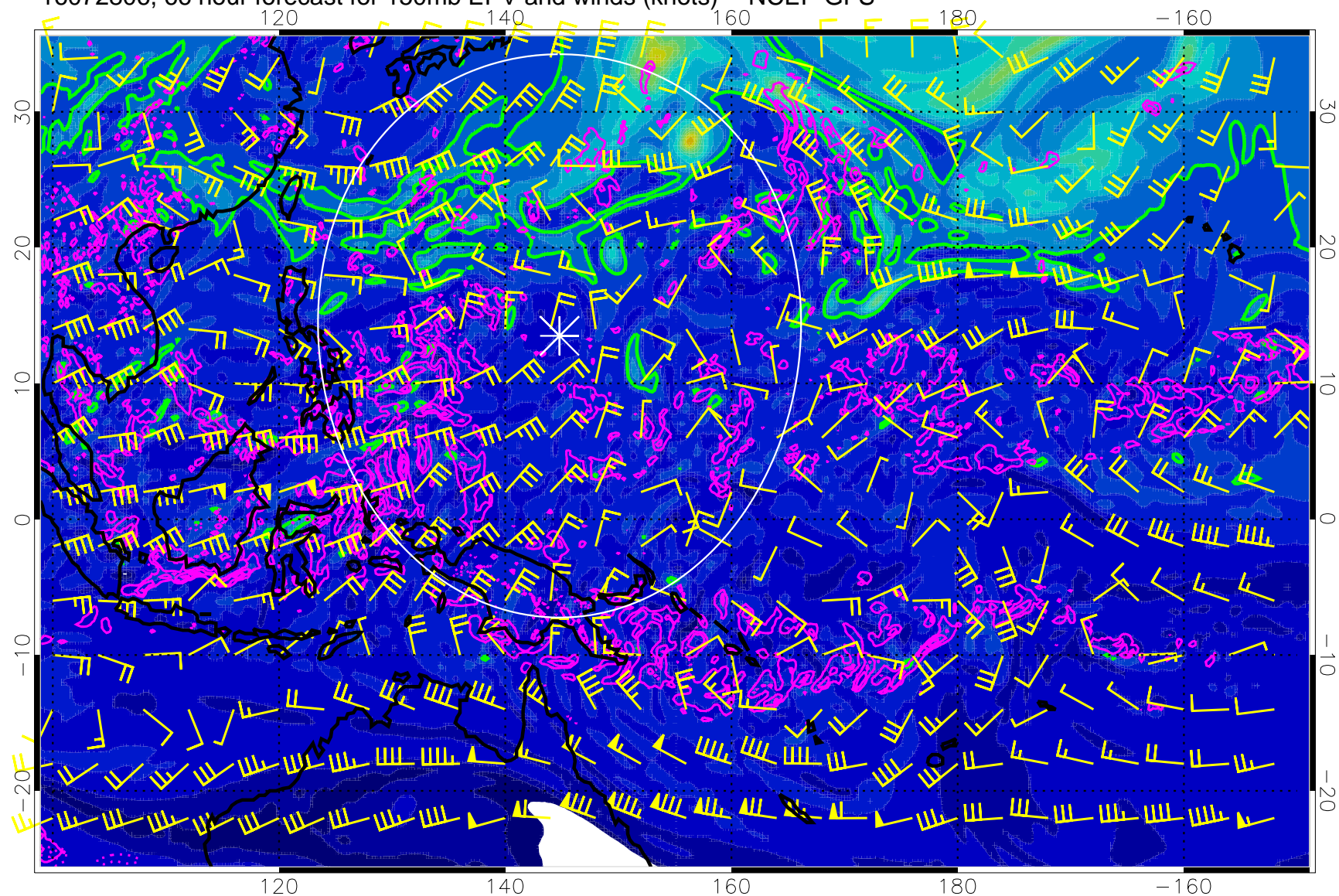
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072806, 66 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

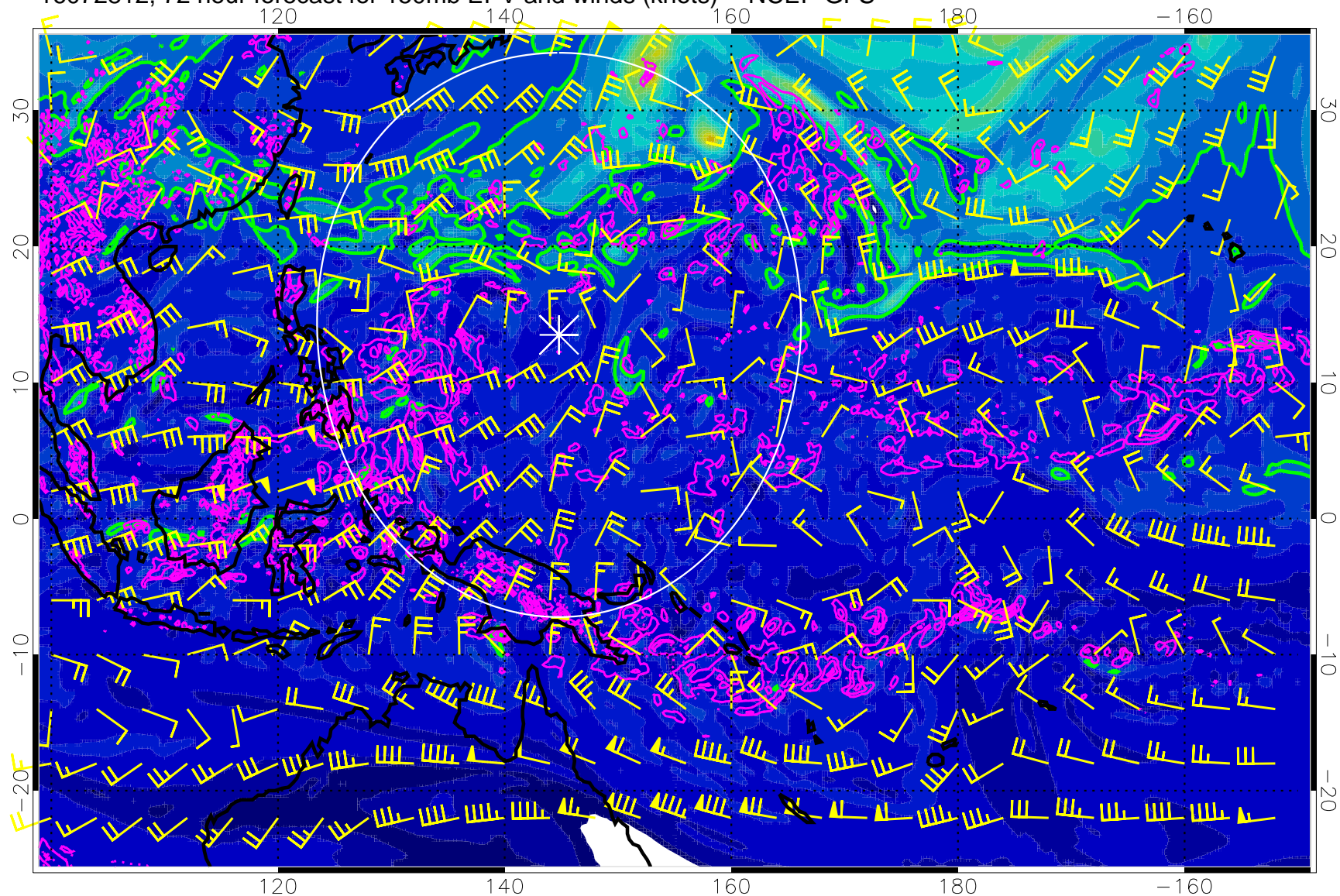
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072812, 72 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



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$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

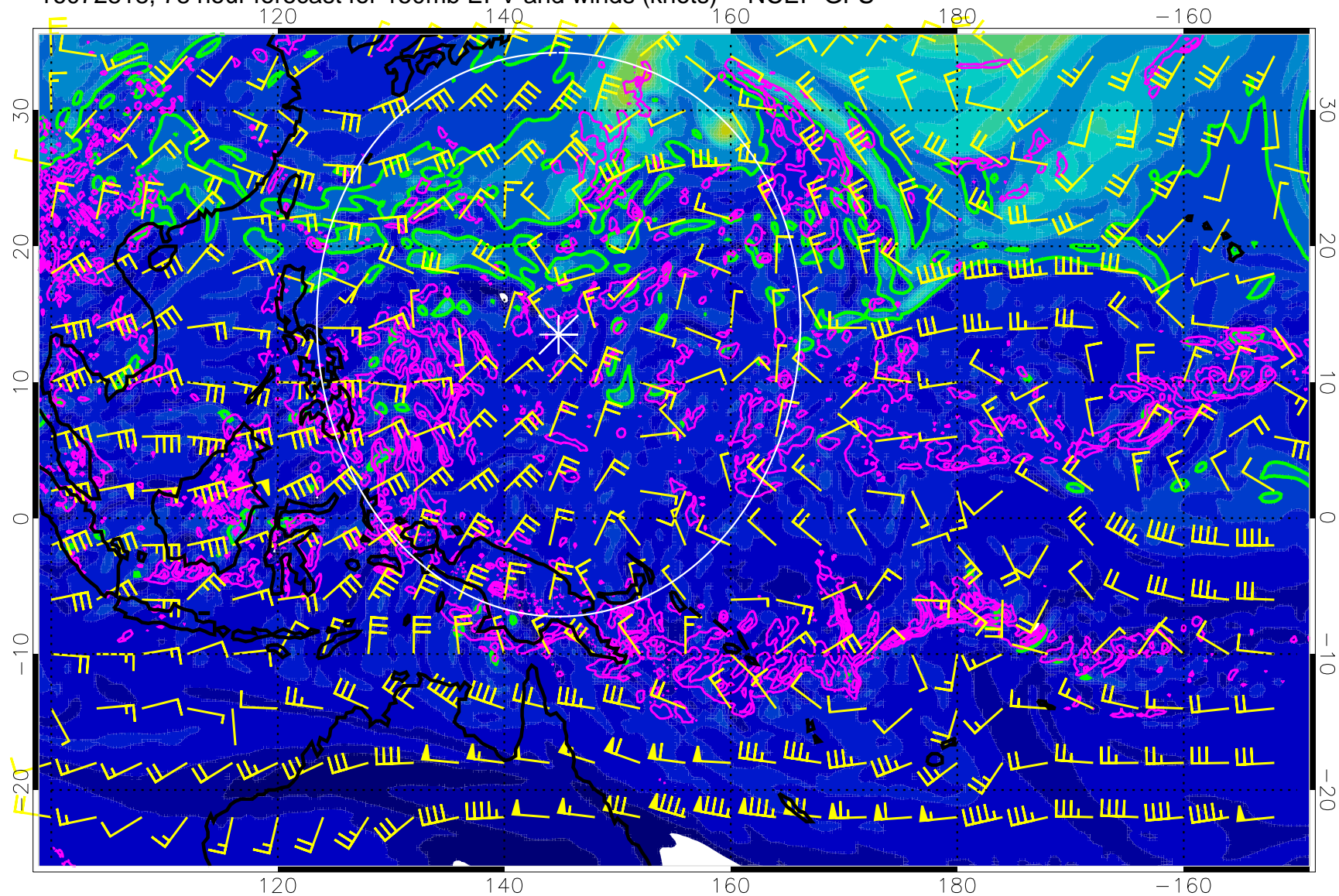
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072818, 78 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



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$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

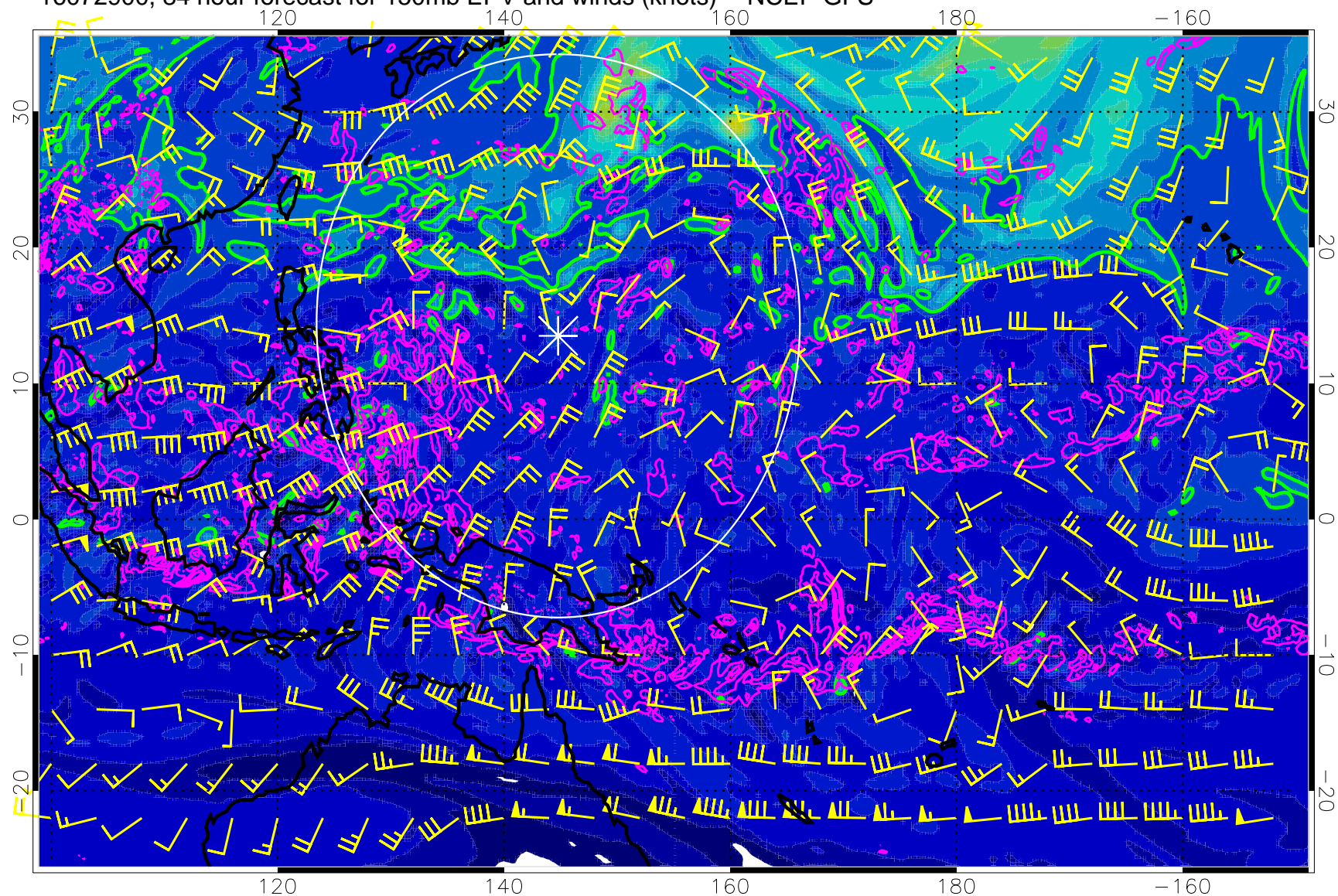
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072900, 84 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



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$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

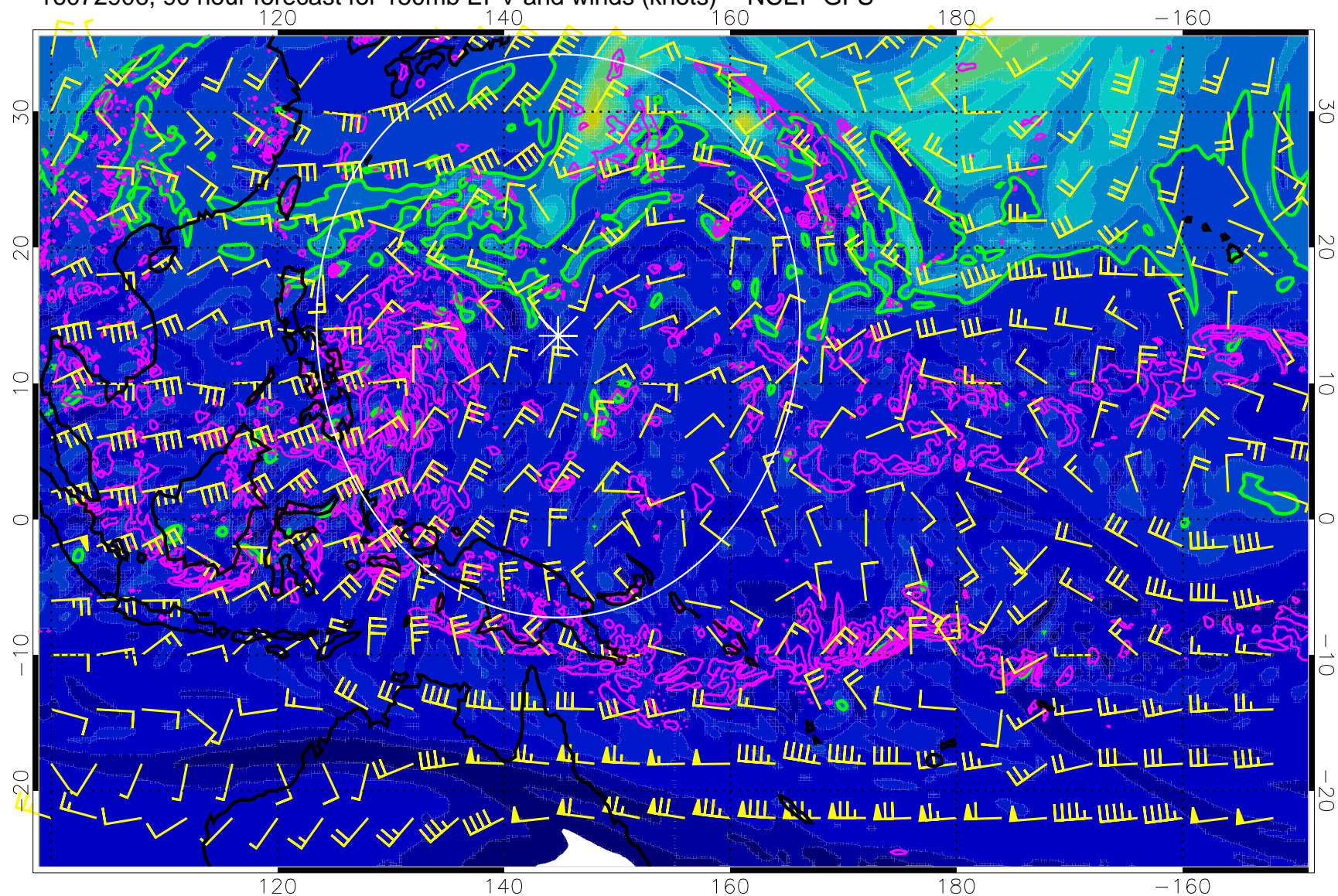
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072906, 90 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



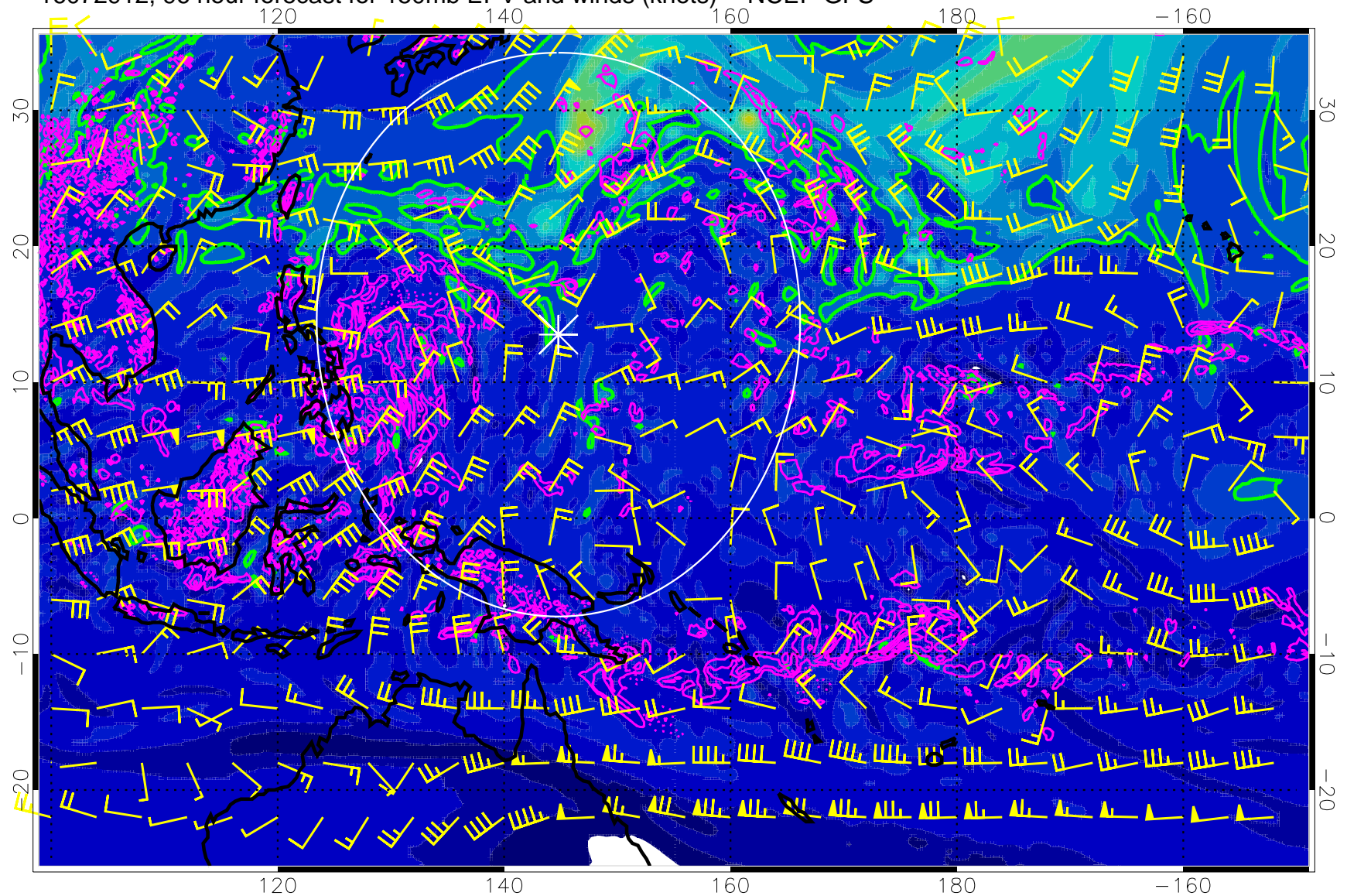
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072912, 96 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



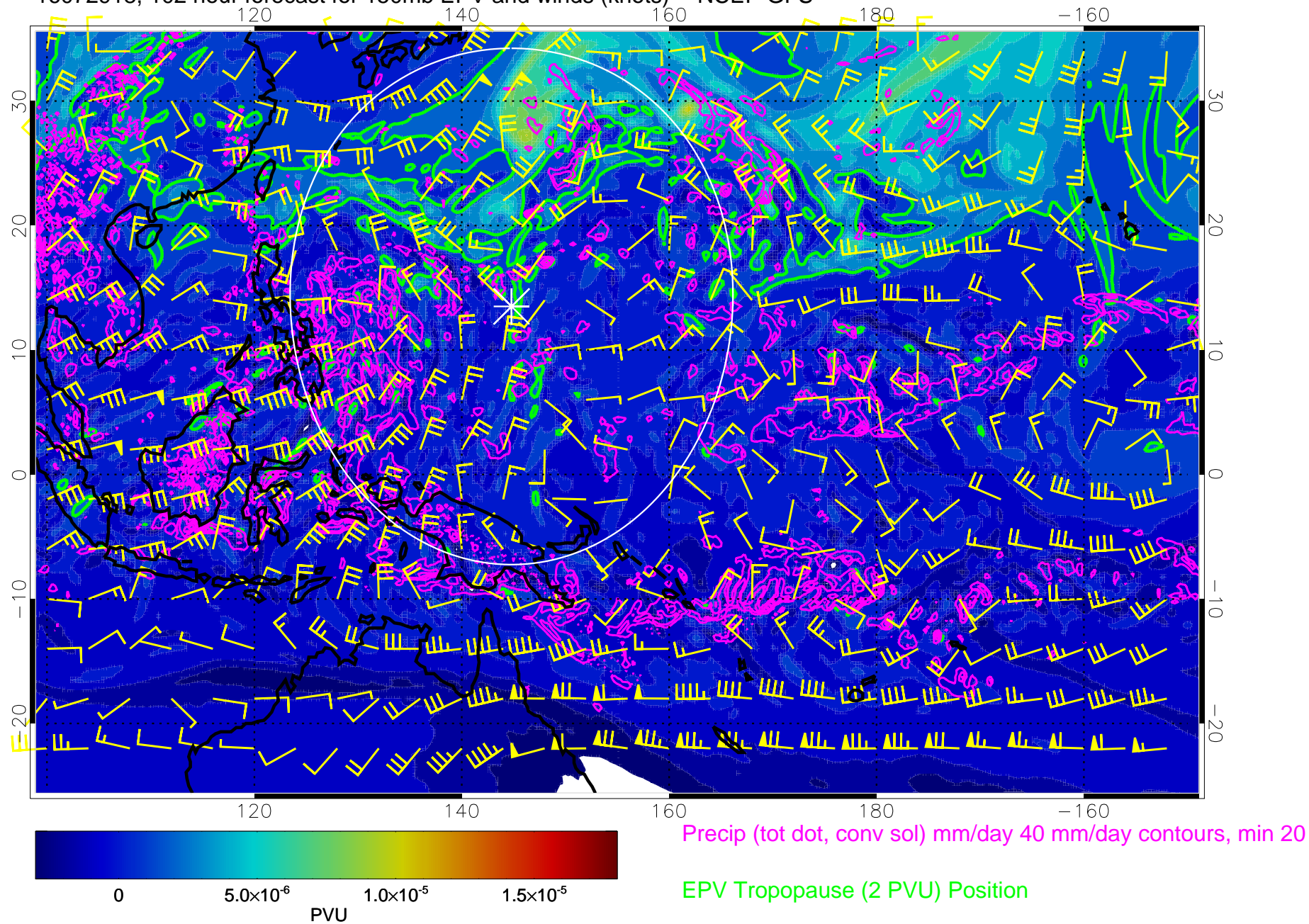
PVU

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

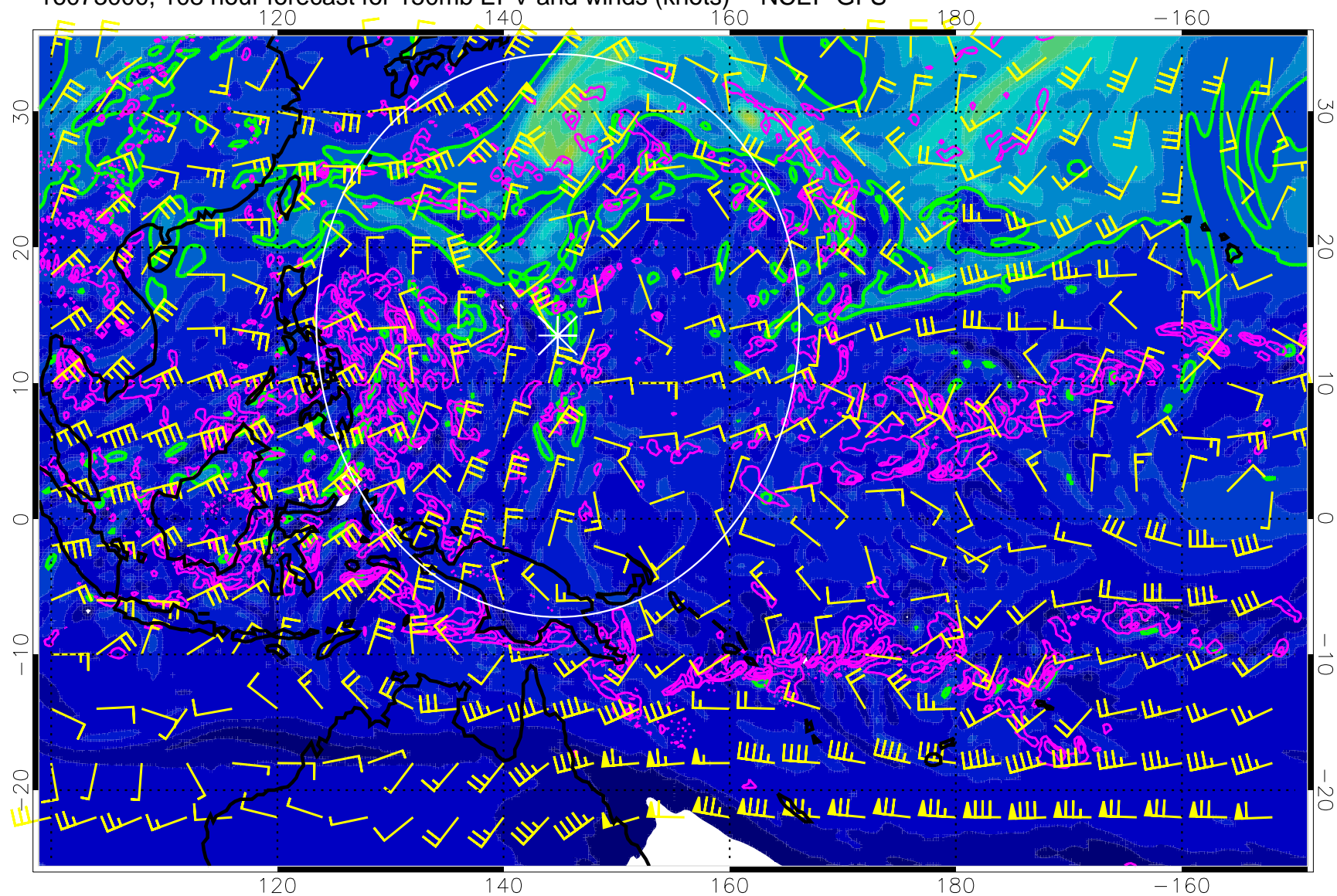
EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16072918, 102 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



16073000, 108 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



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$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

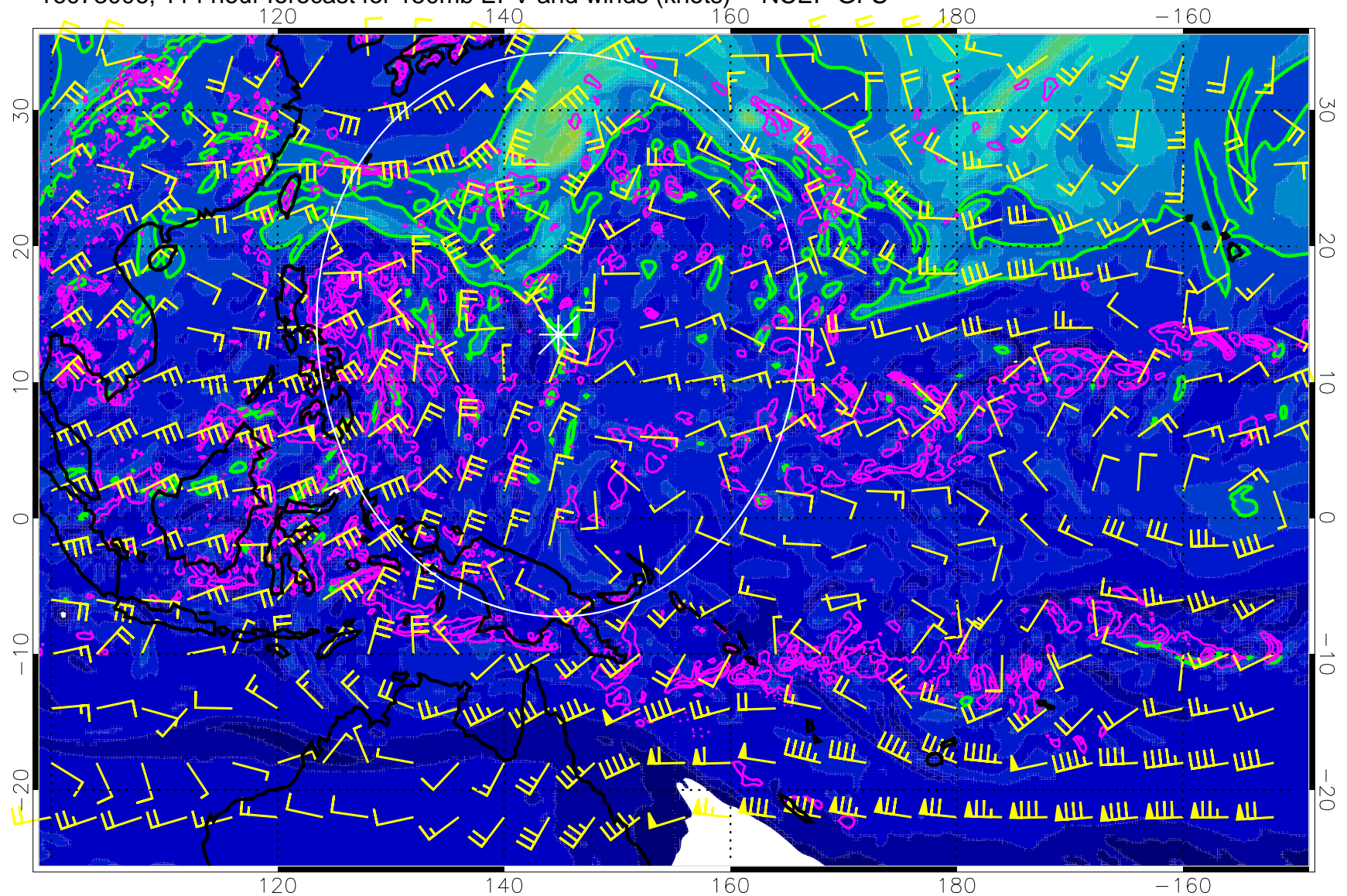
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16073006, 114 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



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$5.0 \times 10^{-6}$

$1.0 \times 10^{-5}$

$1.5 \times 10^{-5}$

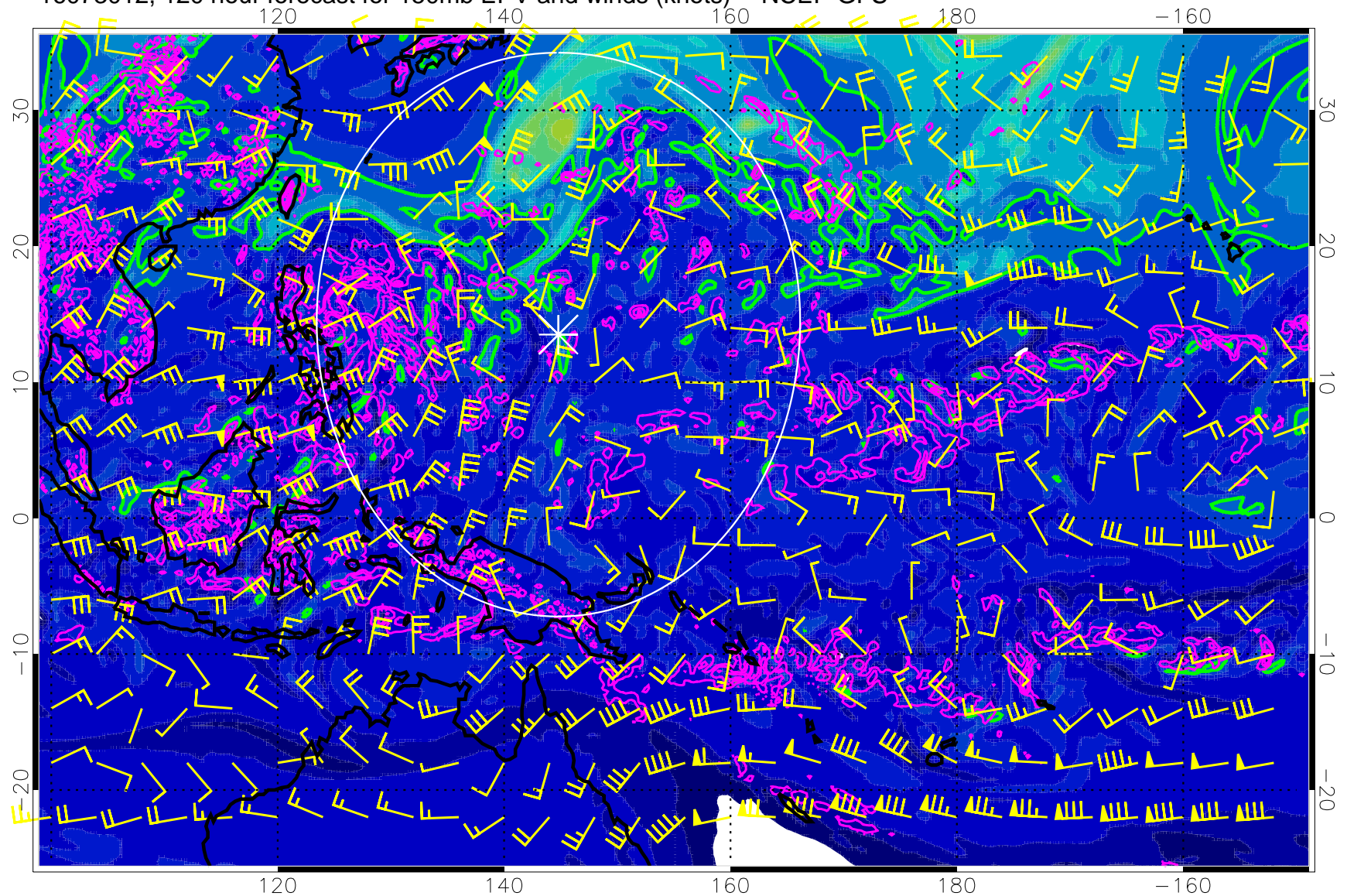
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16073012, 120 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

Range ring of 2304 km