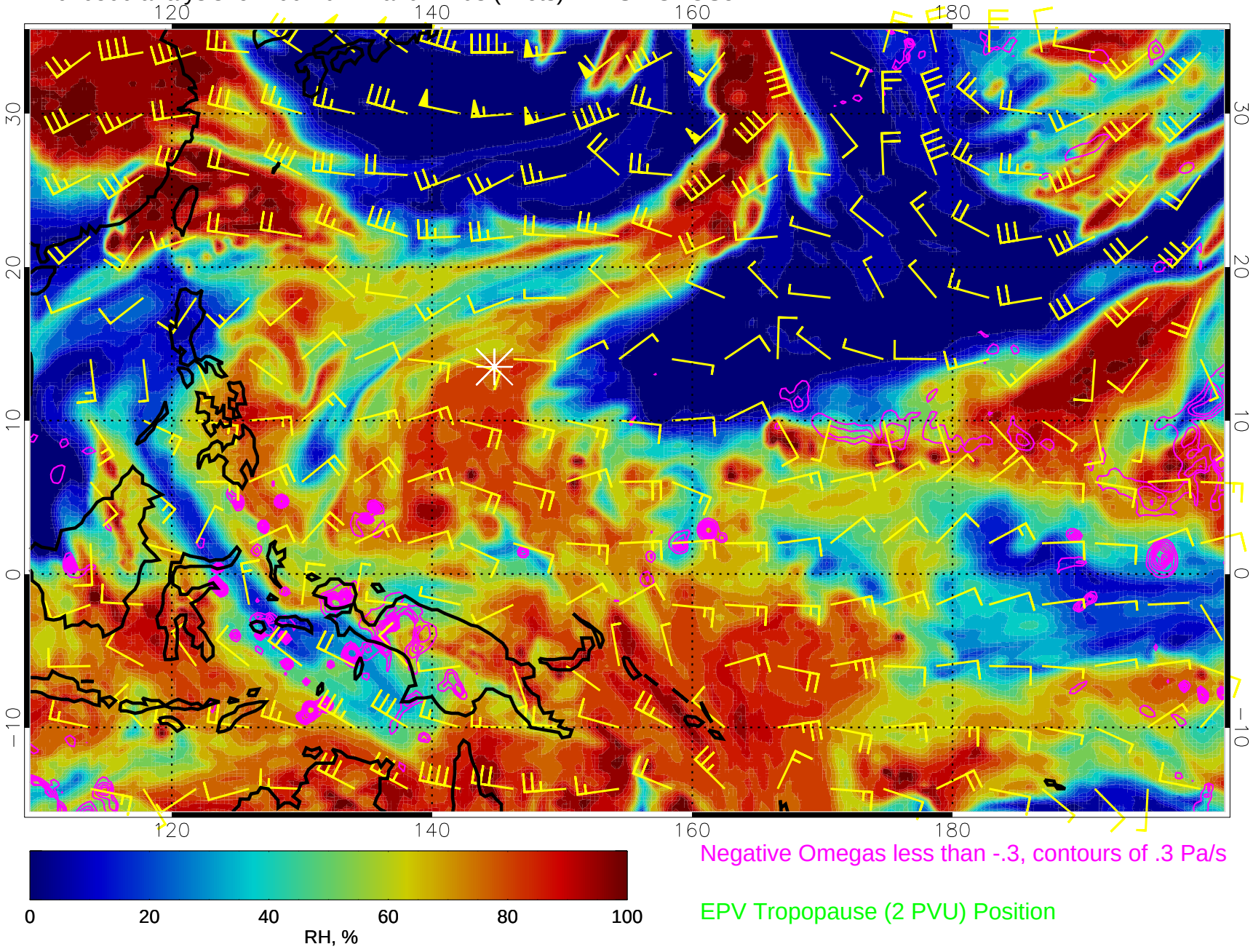
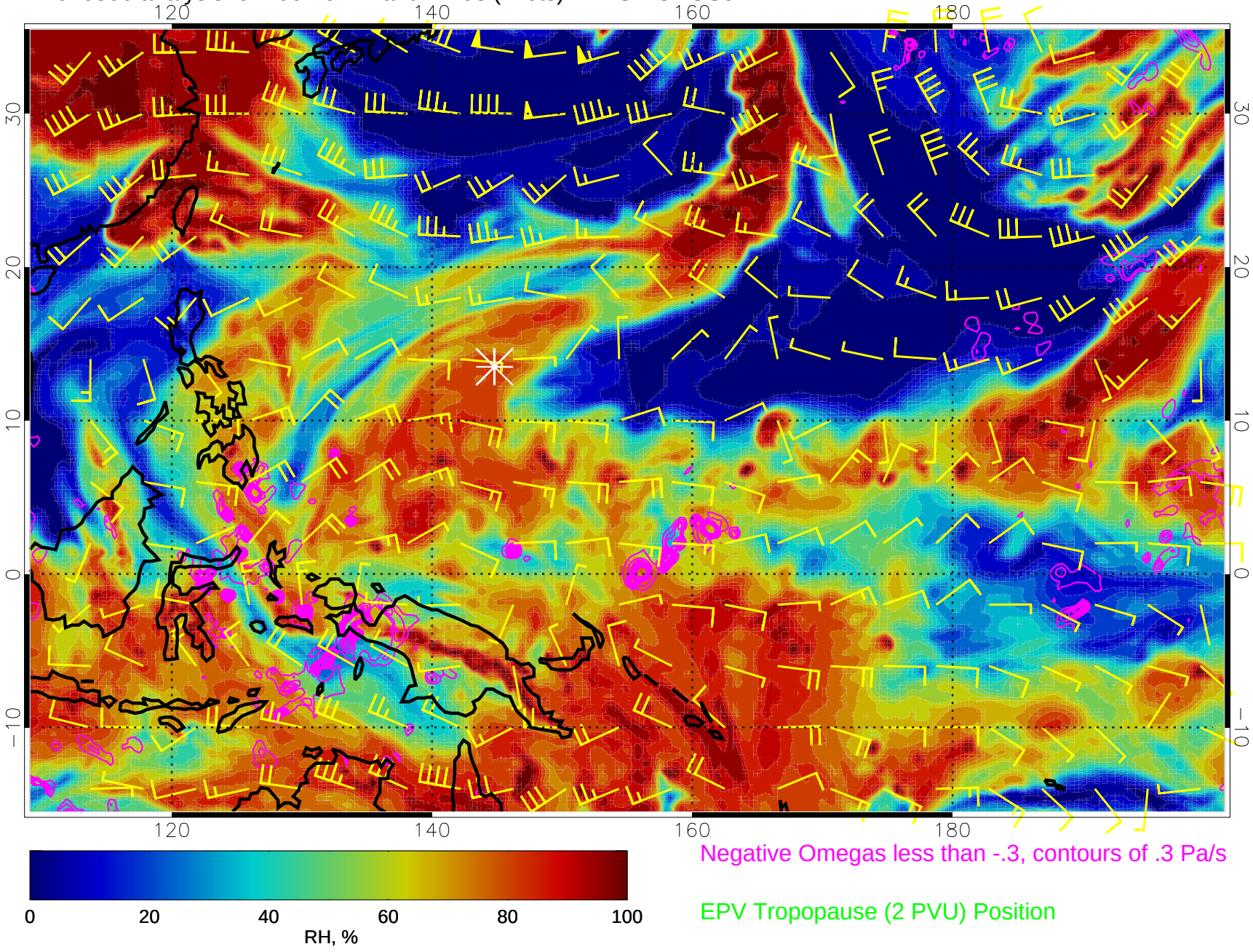
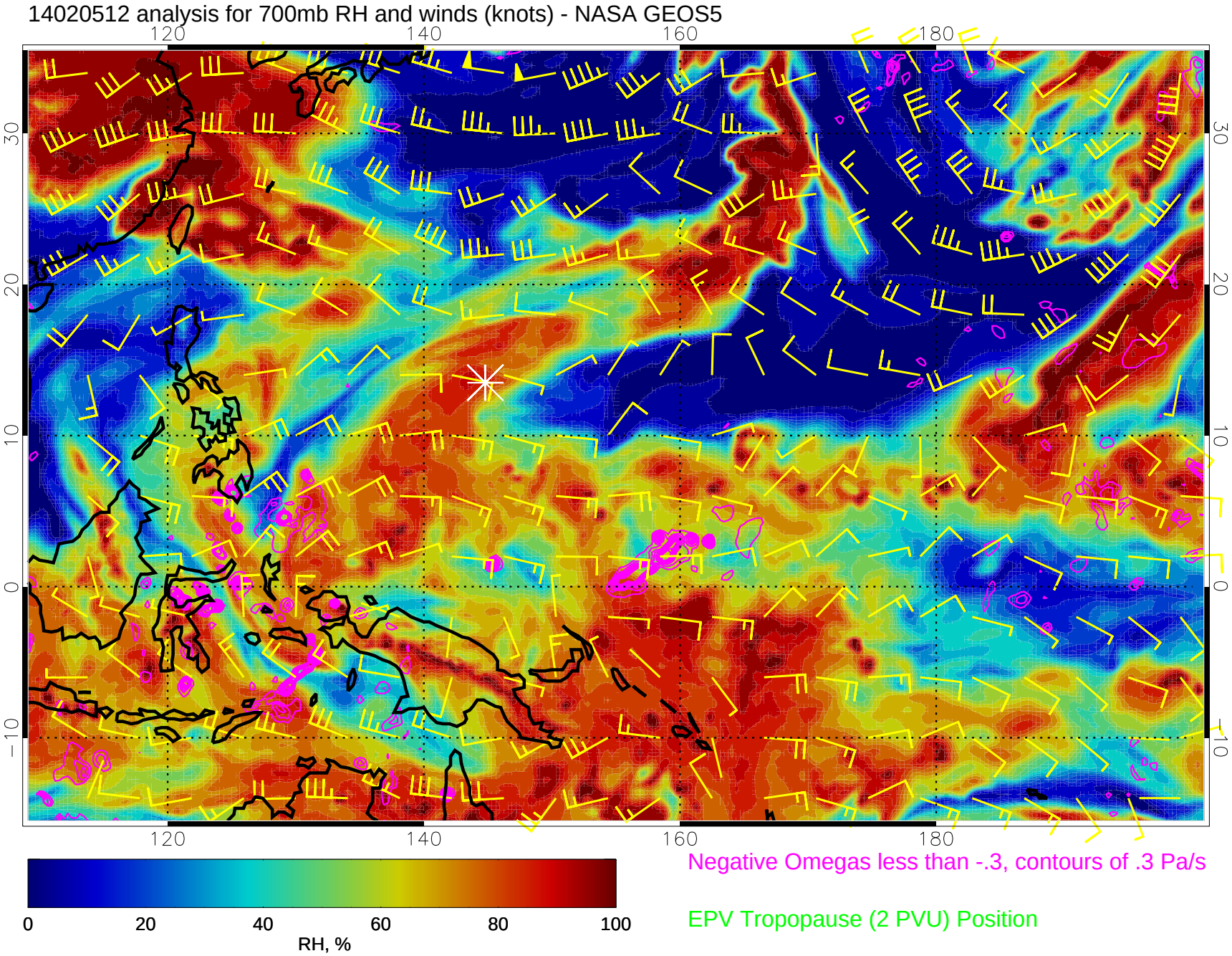
14020500 analysis for 700mb RH and winds (knots) - NASA GEOS5

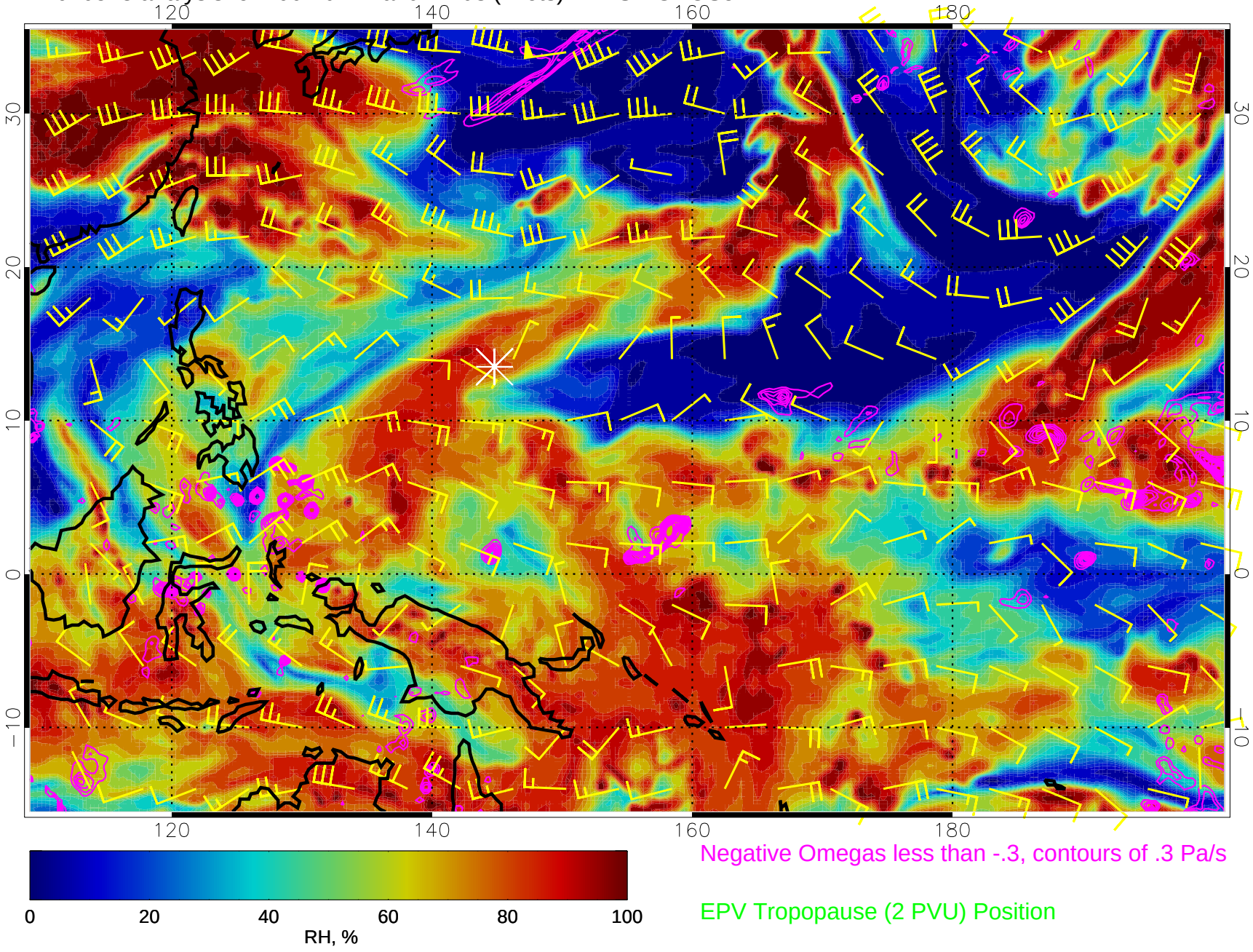


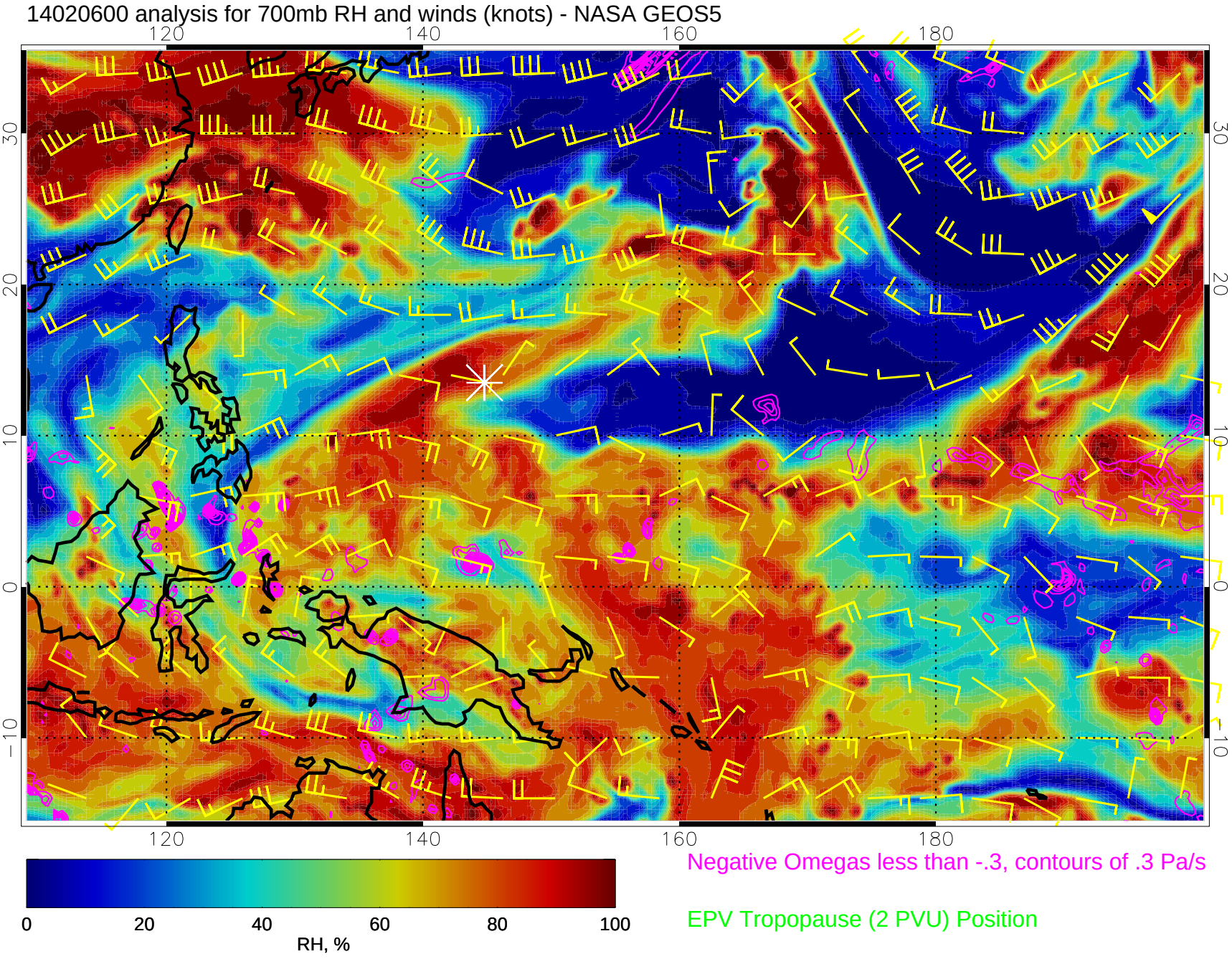
14020506 analysis for 700mb RH and winds (knots) - NASA GEOS5

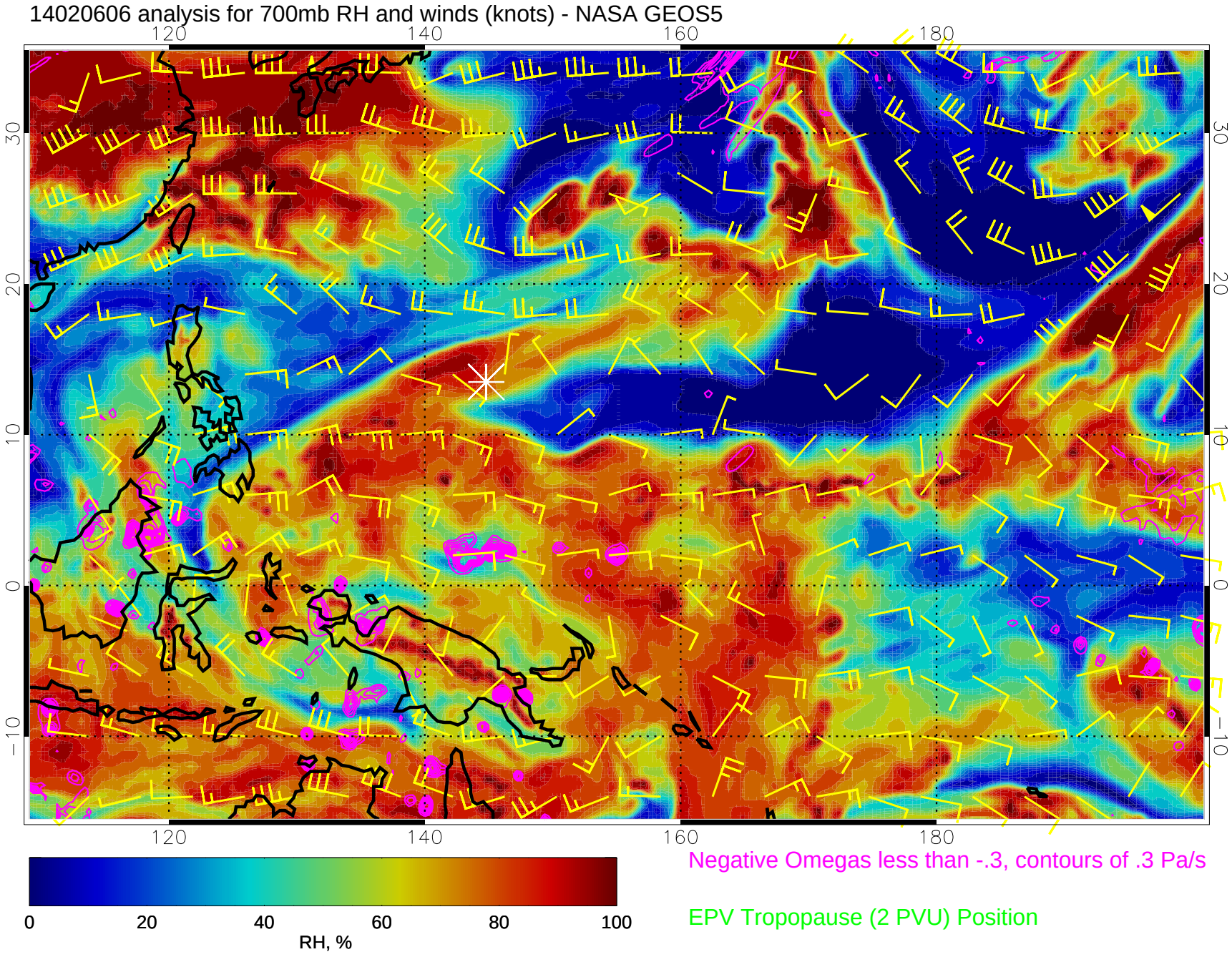



14020512 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

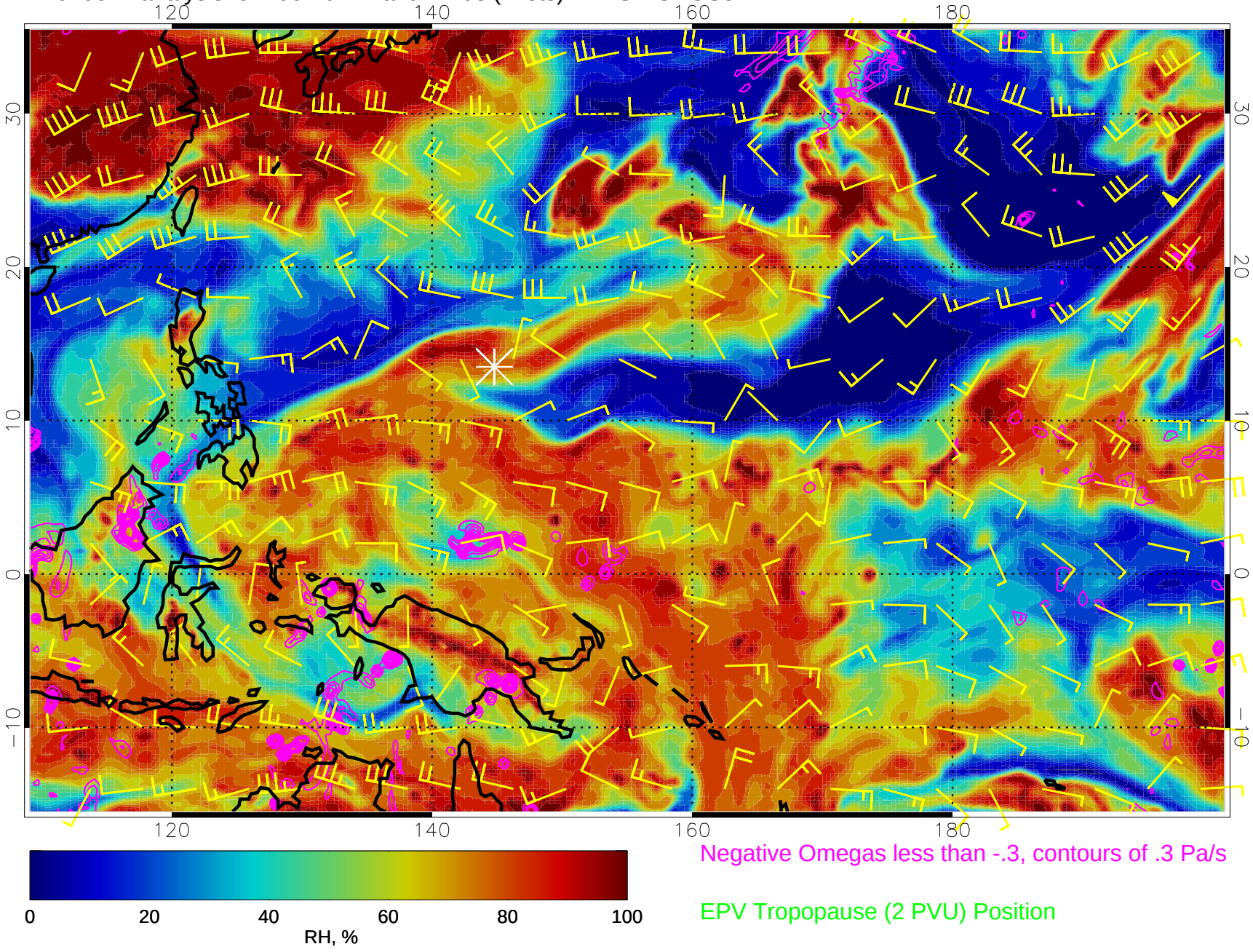
14020518 analysis for 700mb RH and winds (knots) - NASA GEOS5



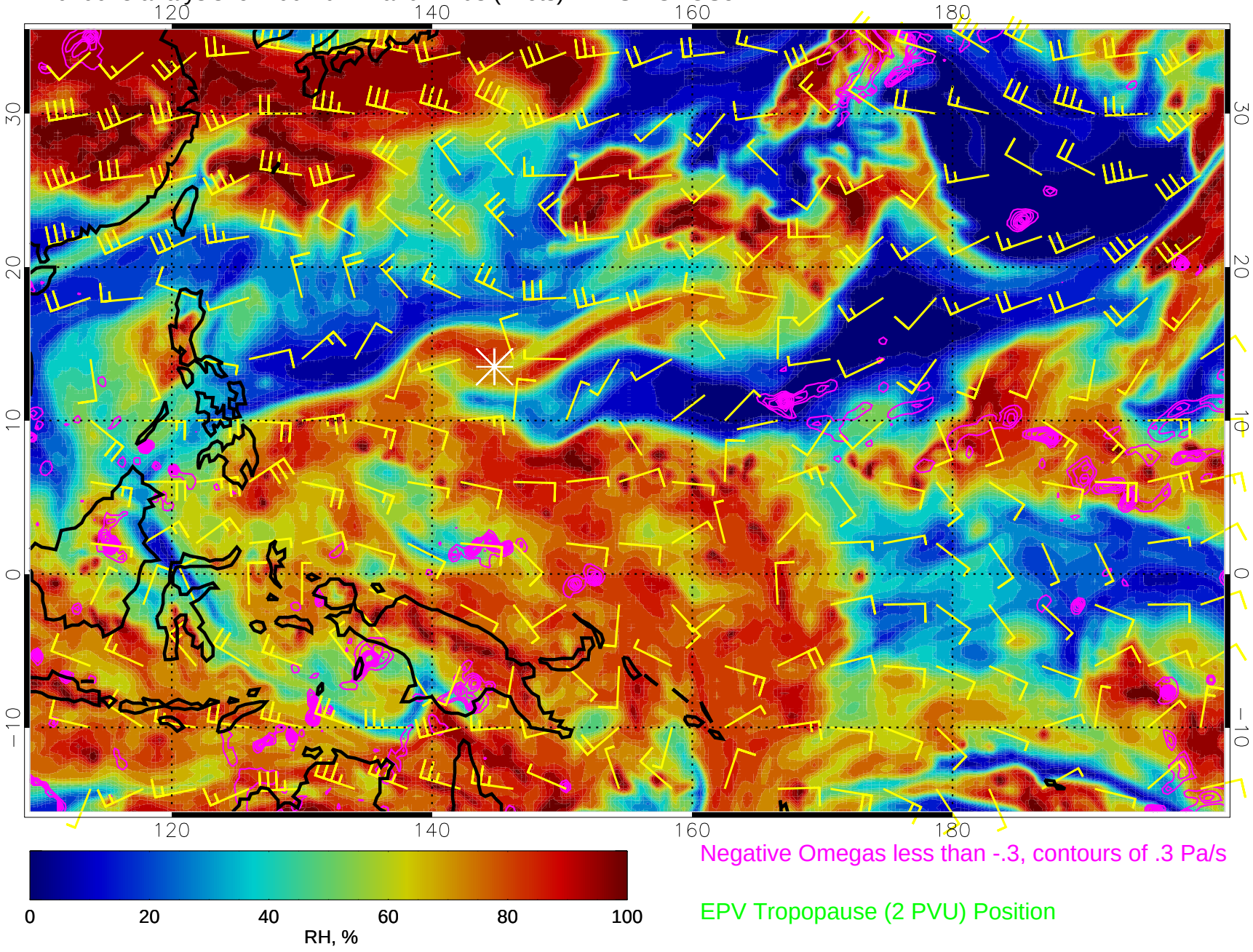

14020600 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

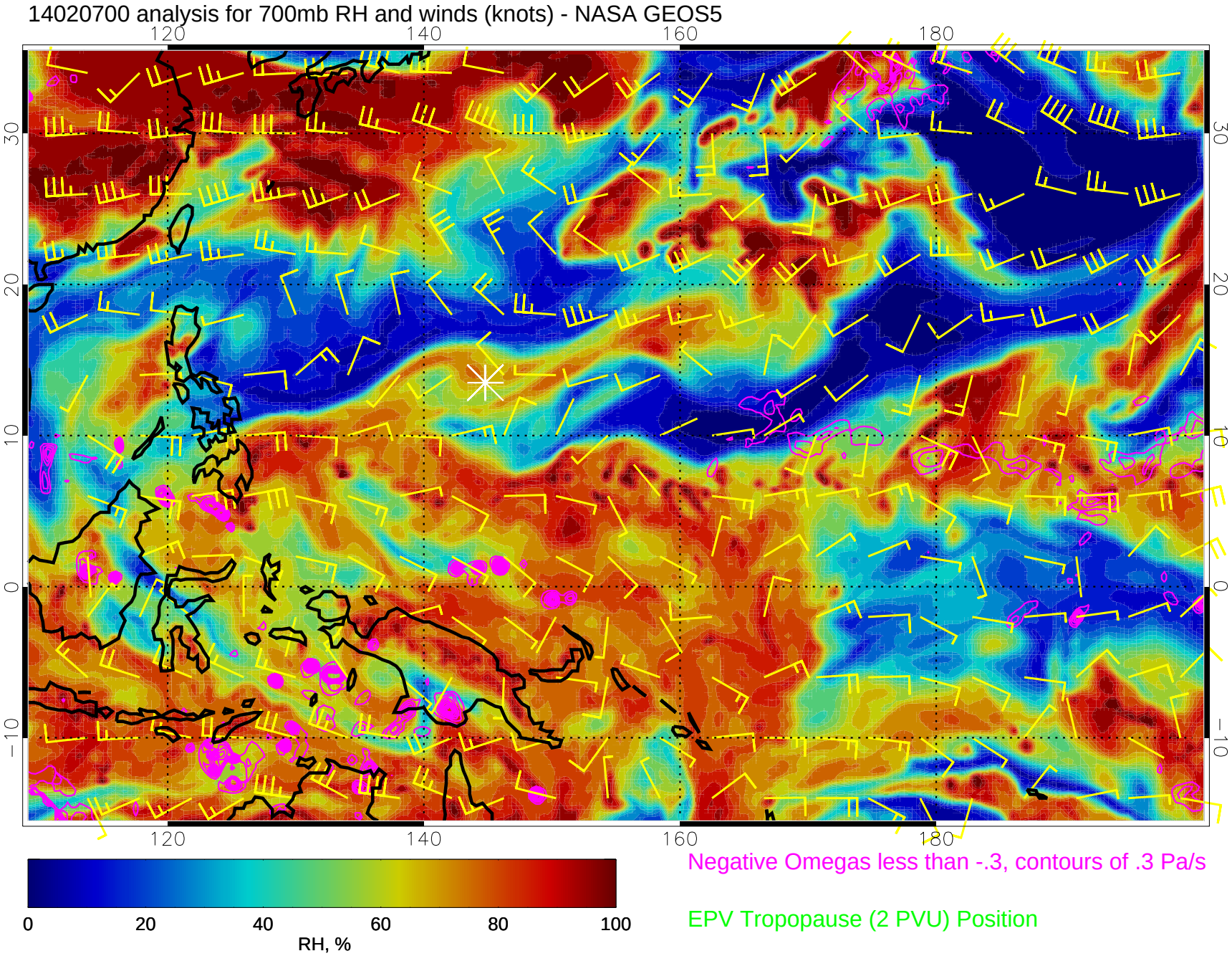

14020606 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

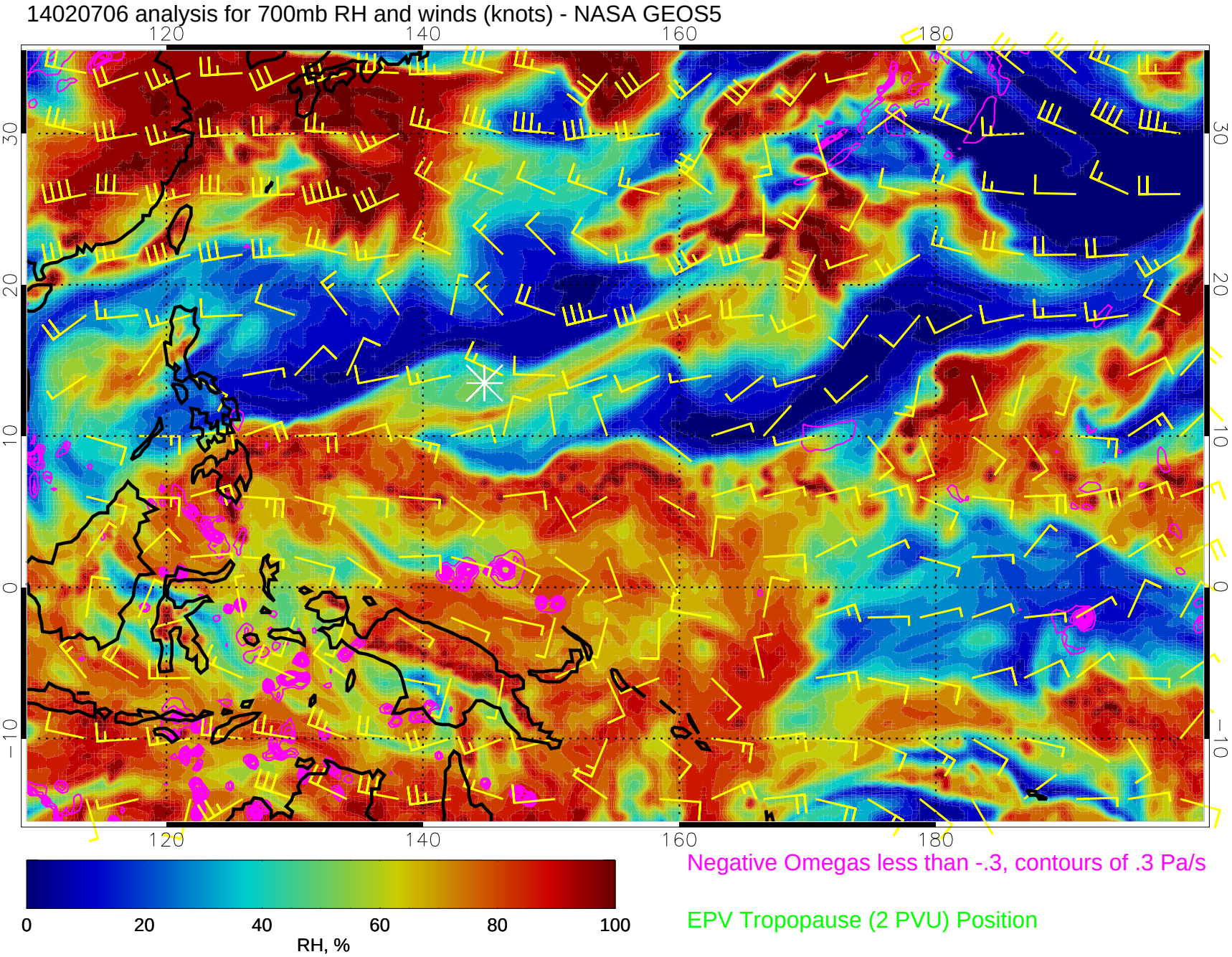
14020612 analysis for 700mb RH and winds (knots) - NASA GEOS5



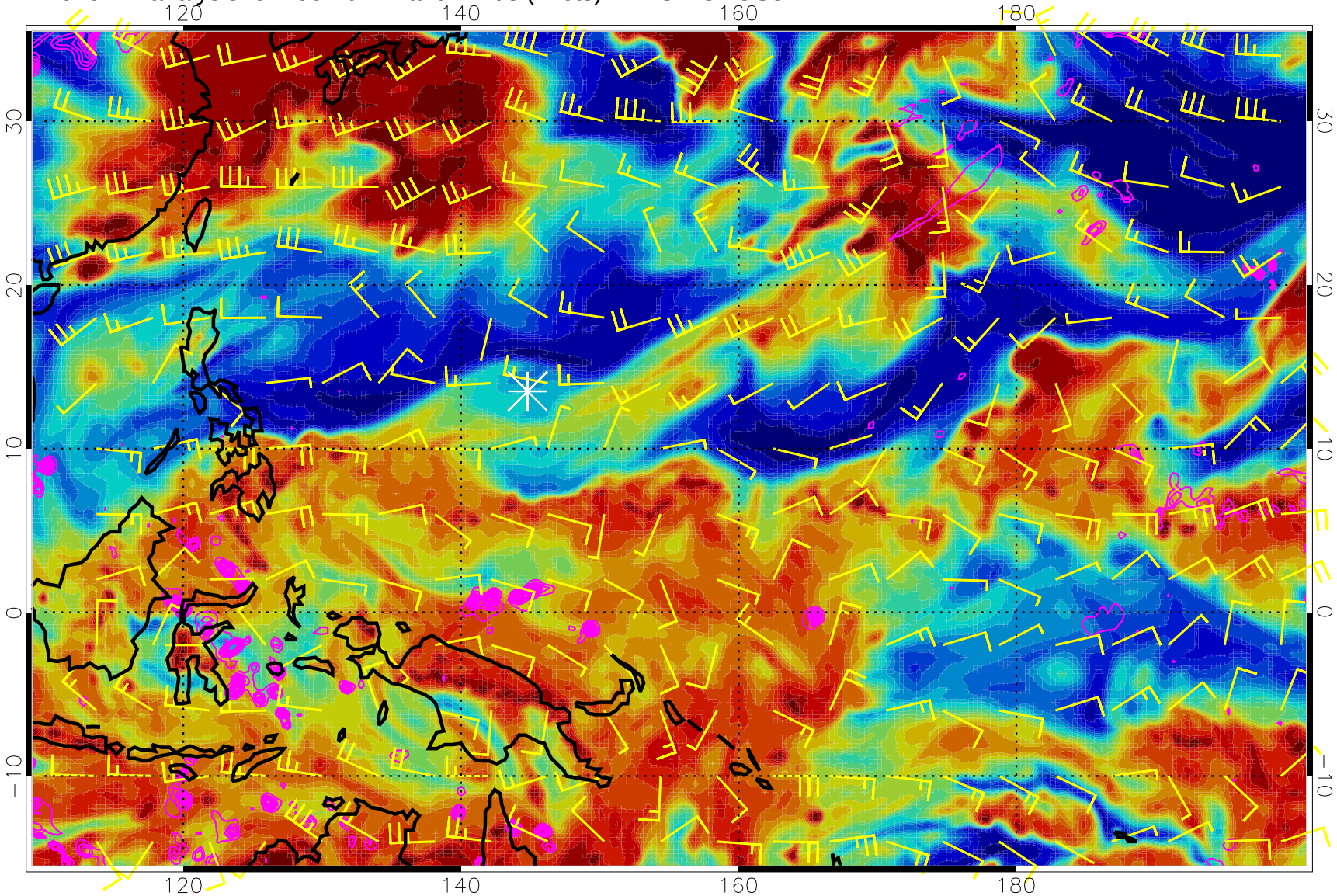
14020618 analysis for 700mb RH and winds (knots) - NASA GEOS5



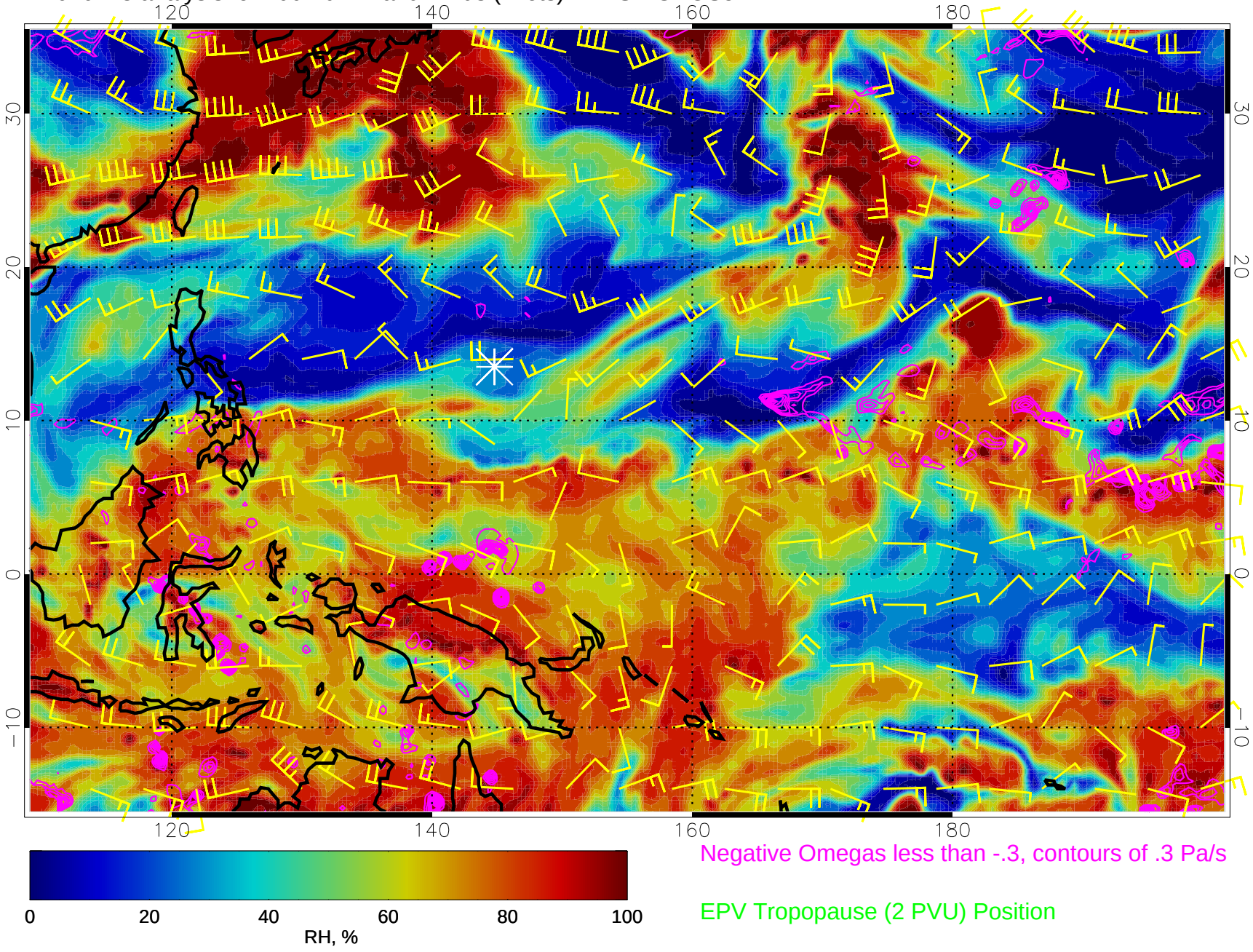

14020700 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position


14020706 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

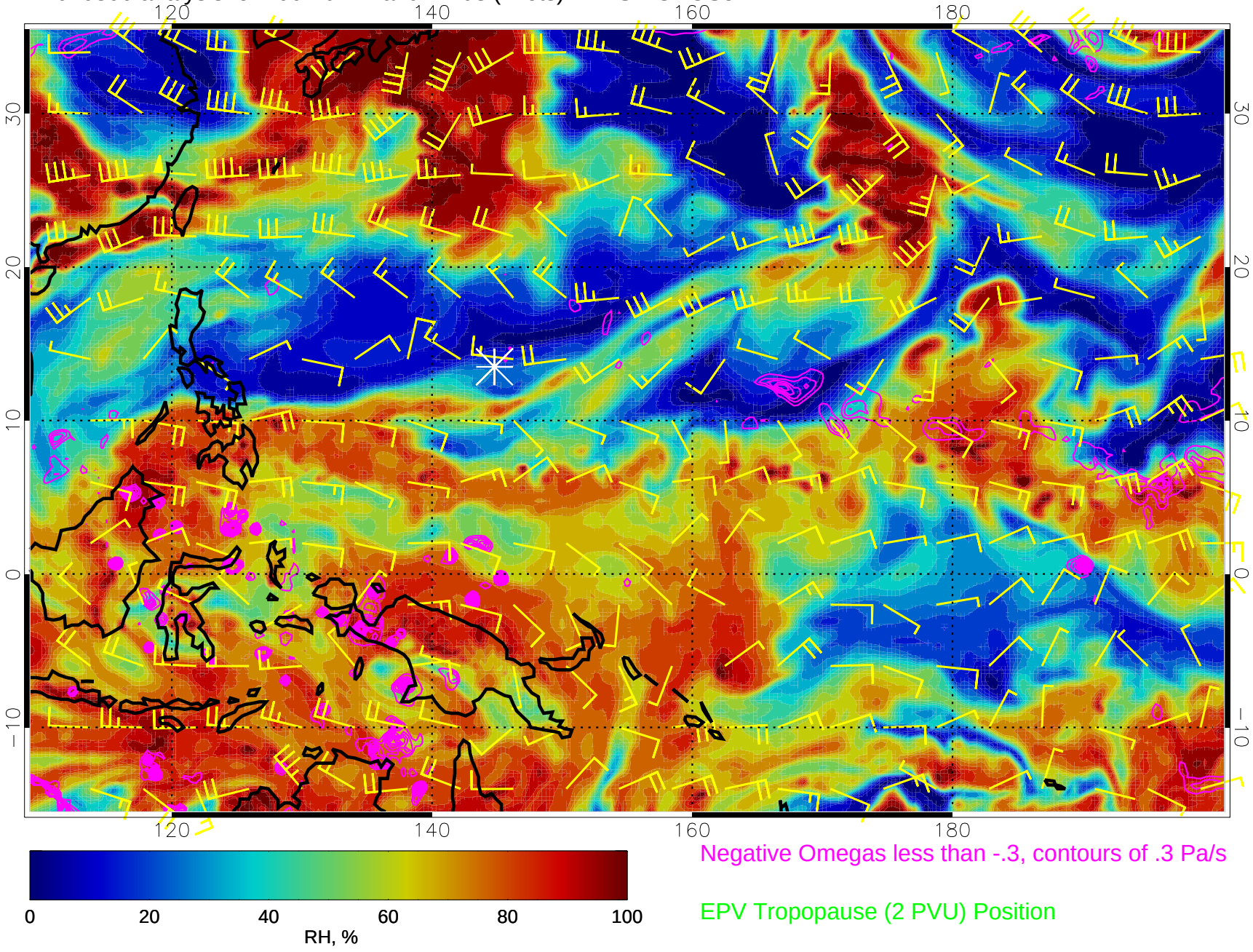
14020712 analysis for 700mb RH and winds (knots) - NASA GEOS5



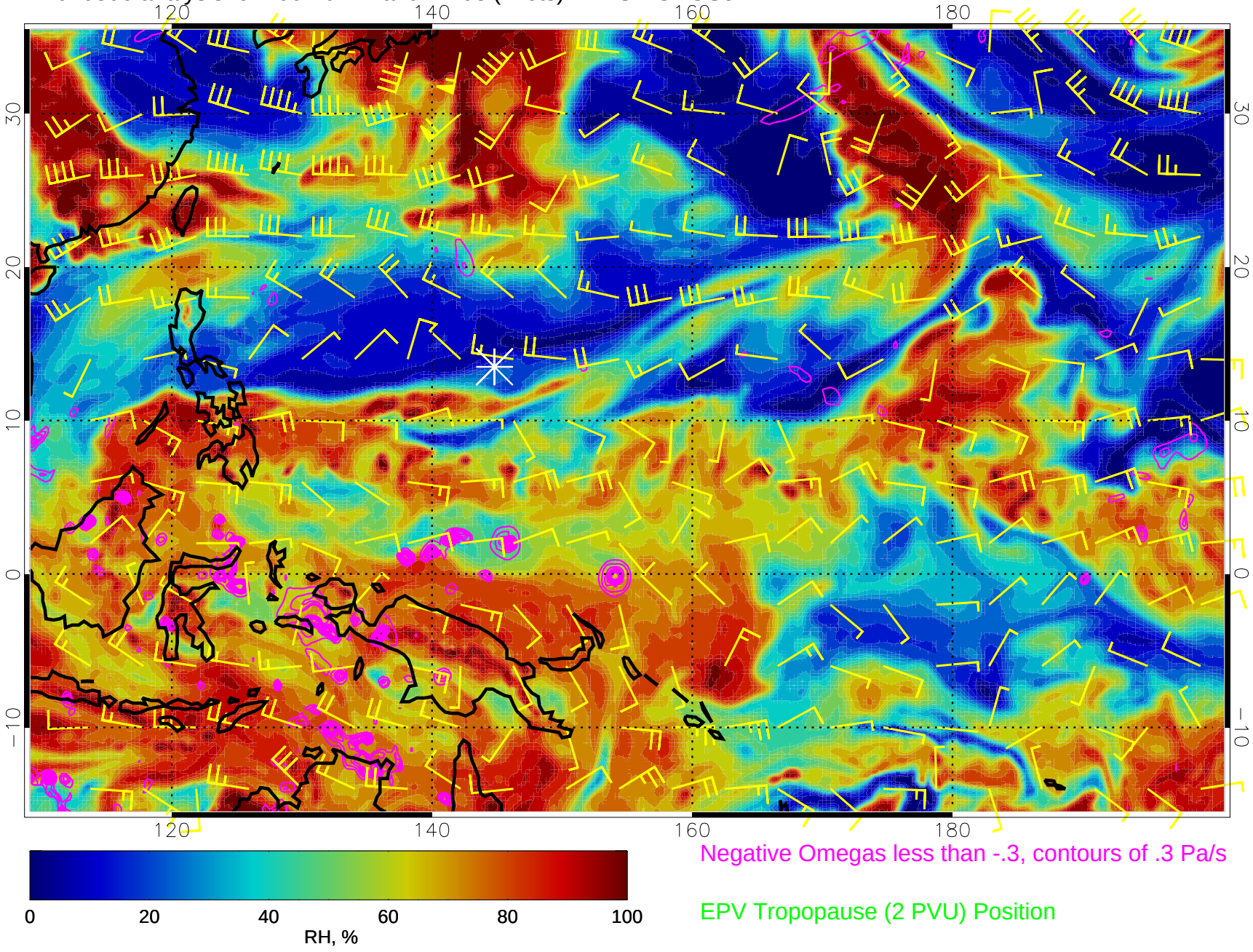
14020718 analysis for 700mb RH and winds (knots) - NASA GEOS5

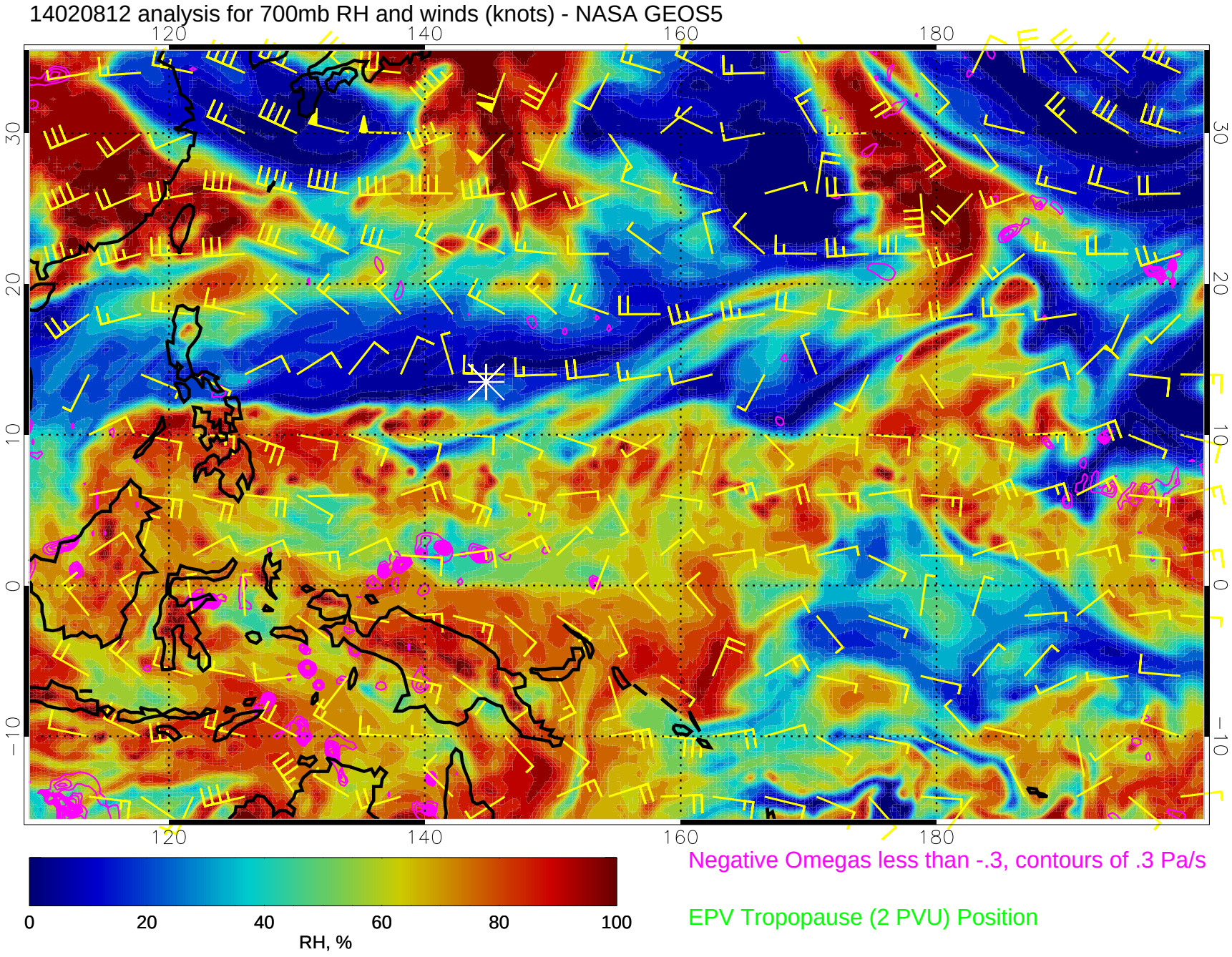


14020800 analysis for 700mb RH and winds (knots) - NASA GEOS5

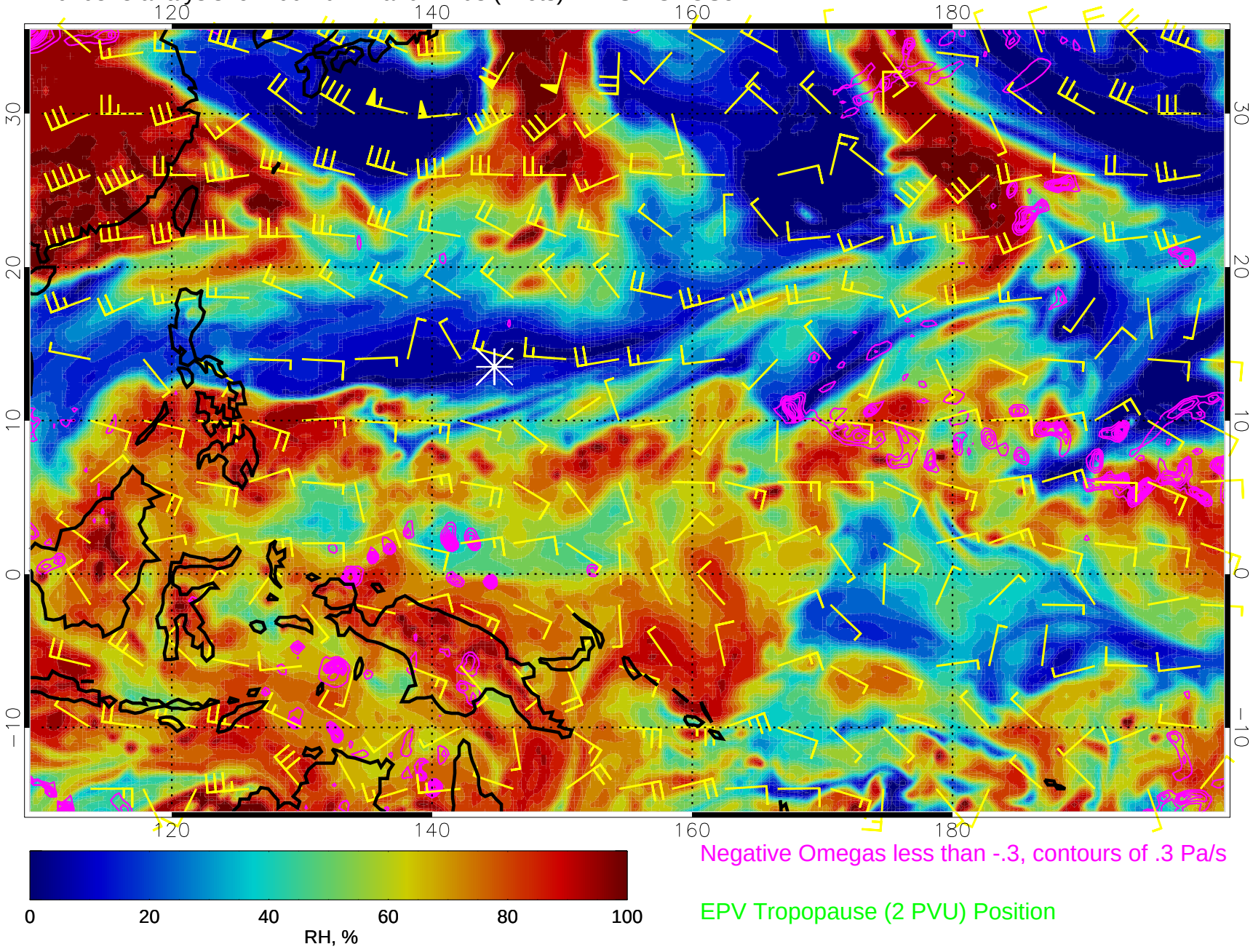


14020806 analysis for 700mb RH and winds (knots) - NASA GEOS5

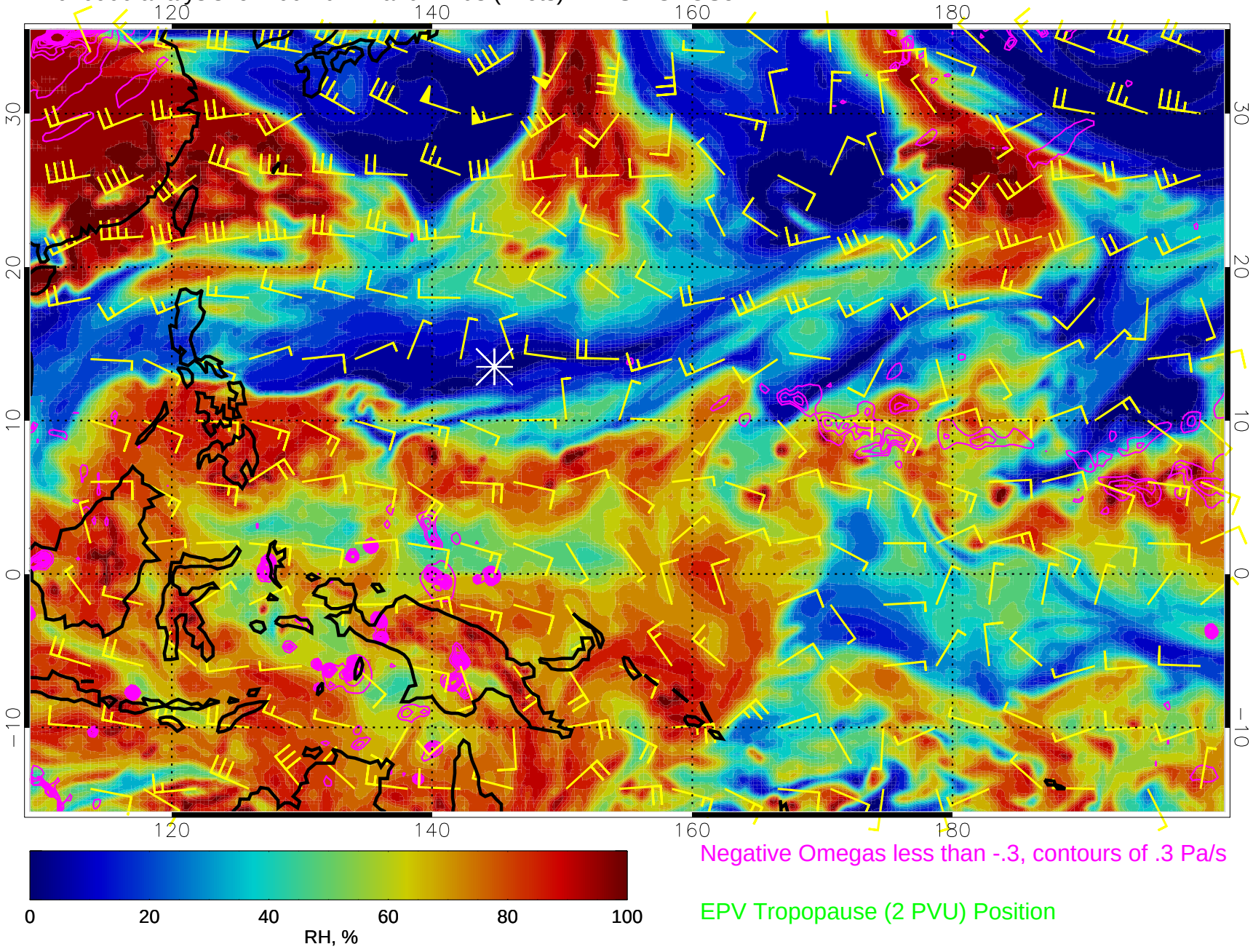



14020812 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

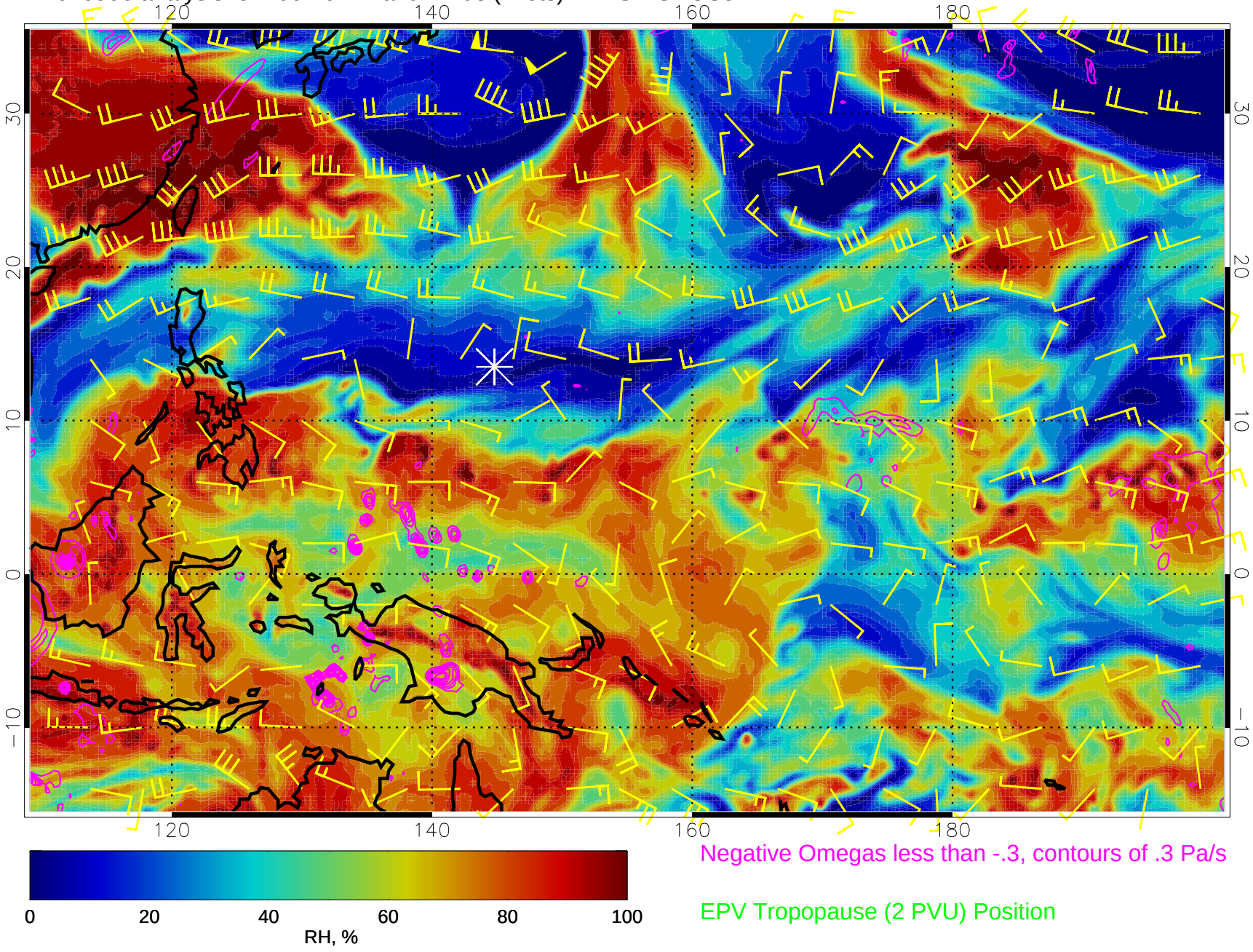
14020818 analysis for 700mb RH and winds (knots) - NASA GEOS5



14020900 analysis for 700mb RH and winds (knots) - NASA GEOS5



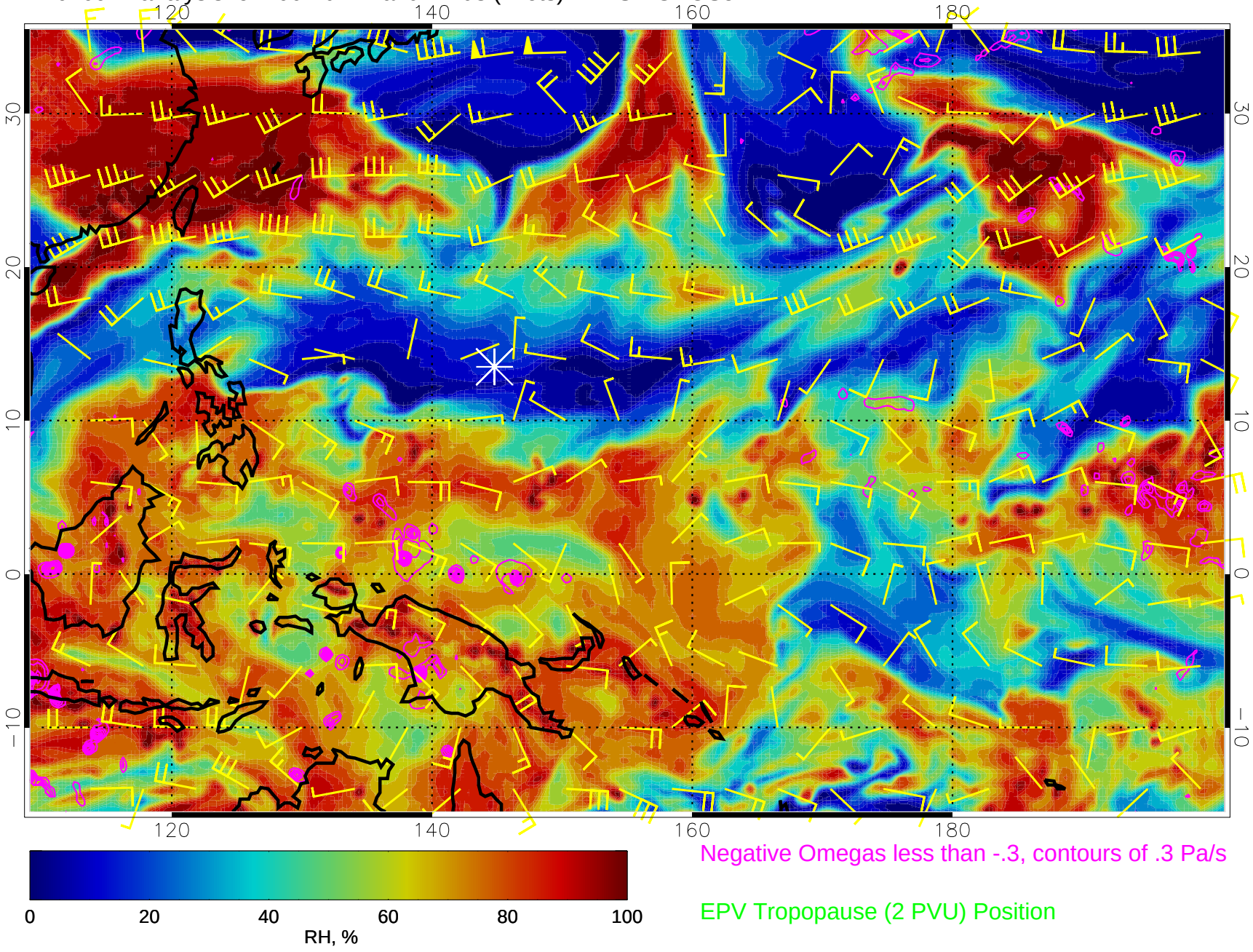
14020906 analysis for 700mb RH and winds (knots) - NASA GEOS5



Negative Omegas less than -.3, contours of .3 Pa/s

EPV Tropopause (2 PVU) Position

14020912 analysis for 700mb RH and winds (knots) - NASA GEOS5



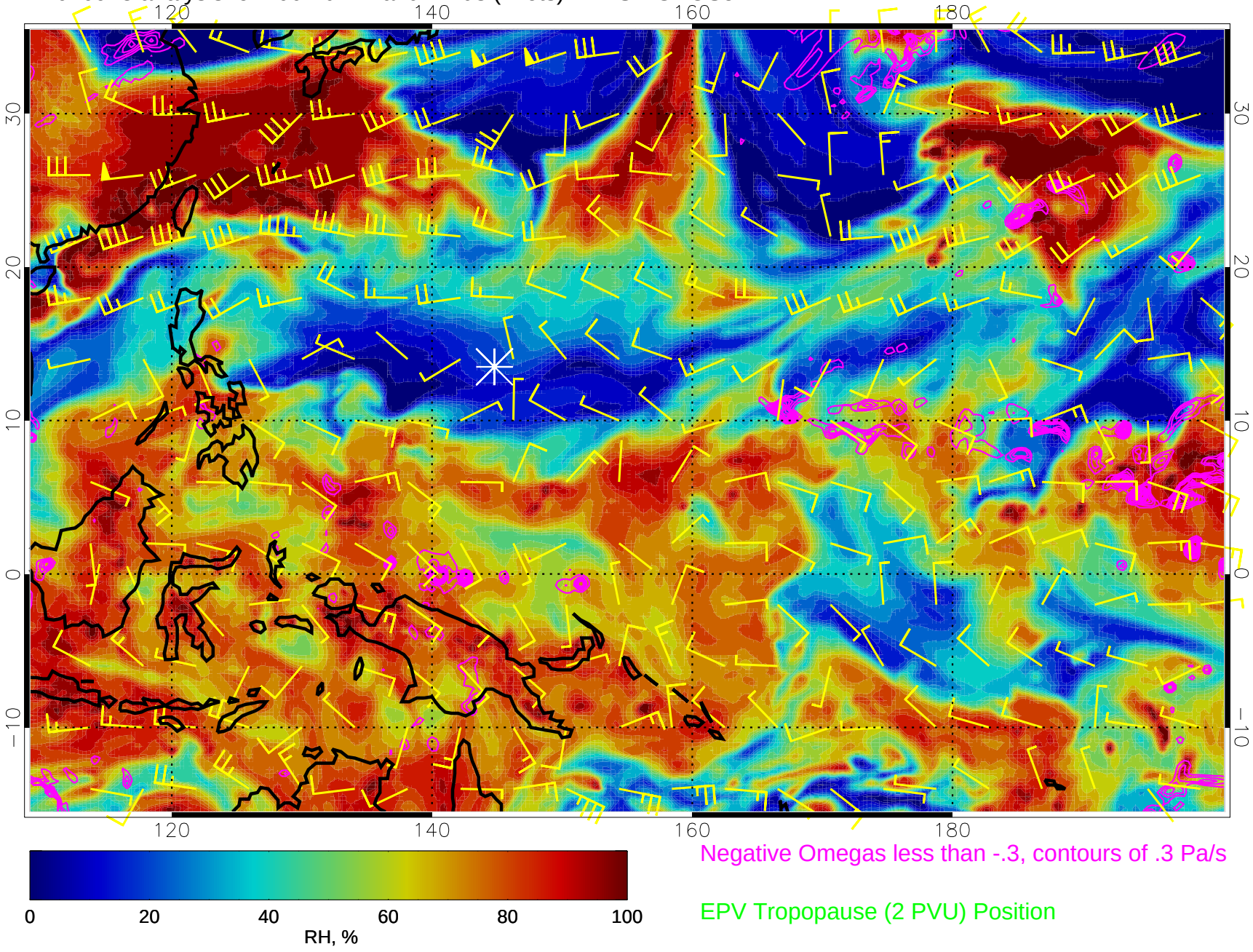
0 20 40 60 80 100

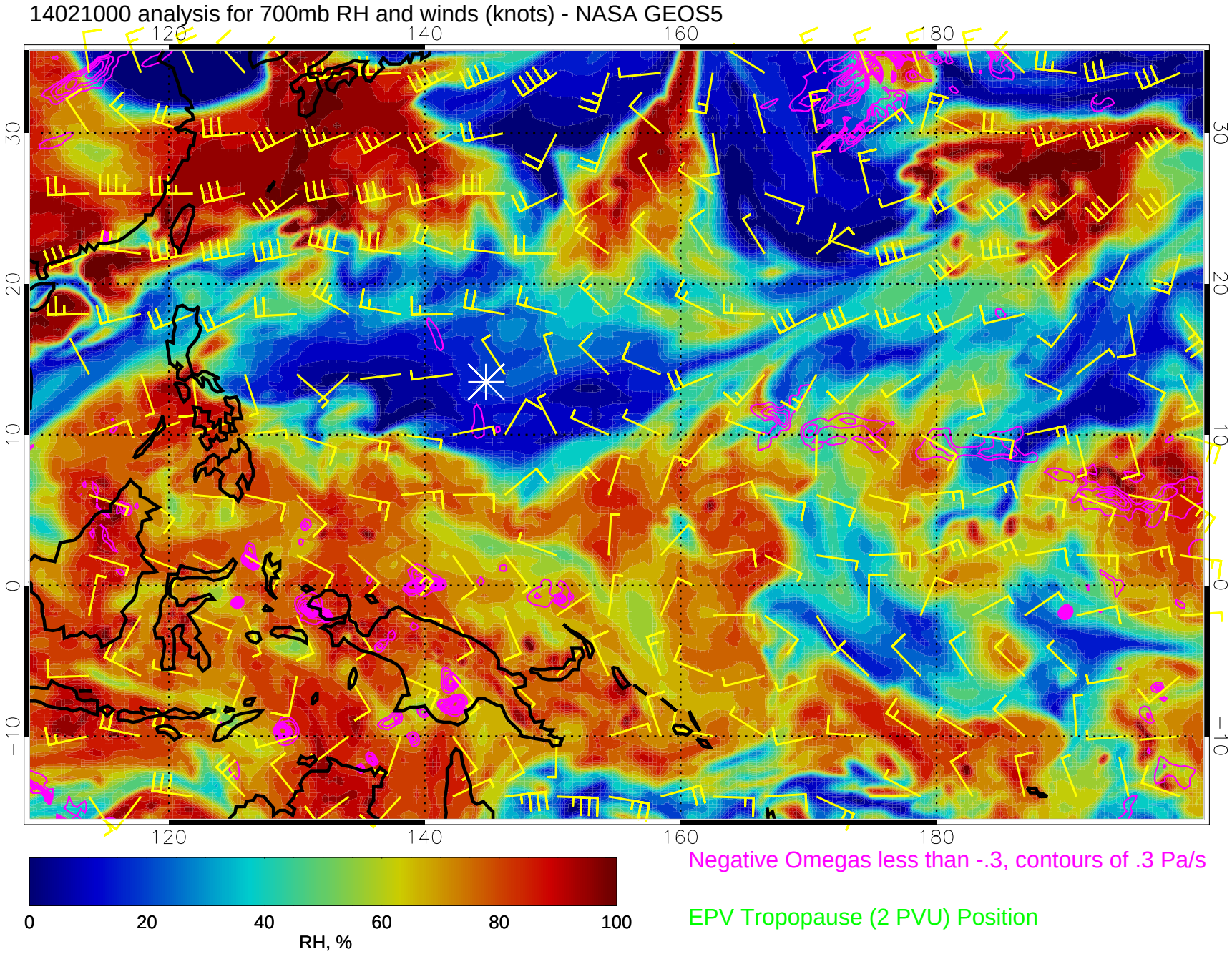
RH, %

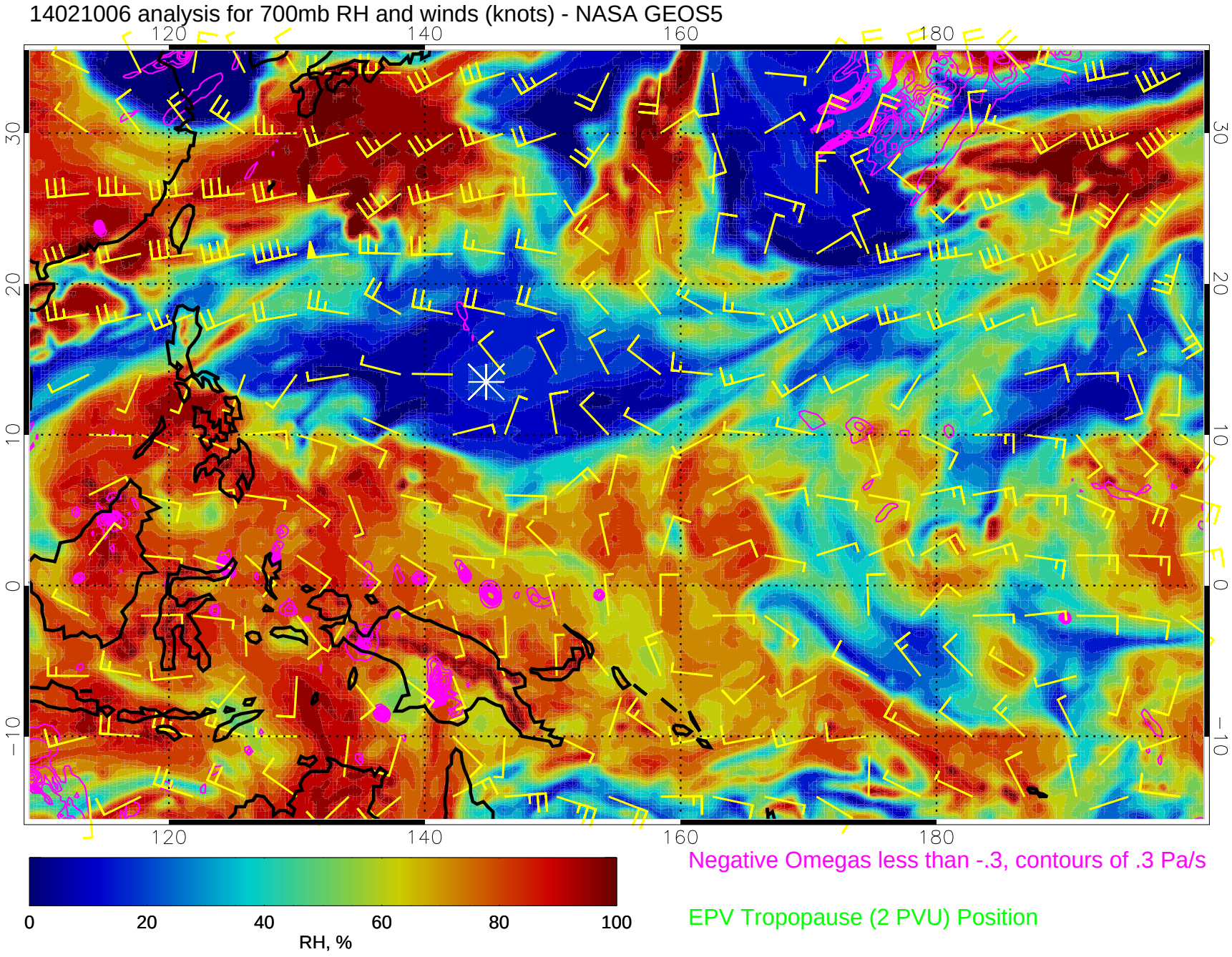
Negative Omegas less than -.3, contours of .3 Pa/s

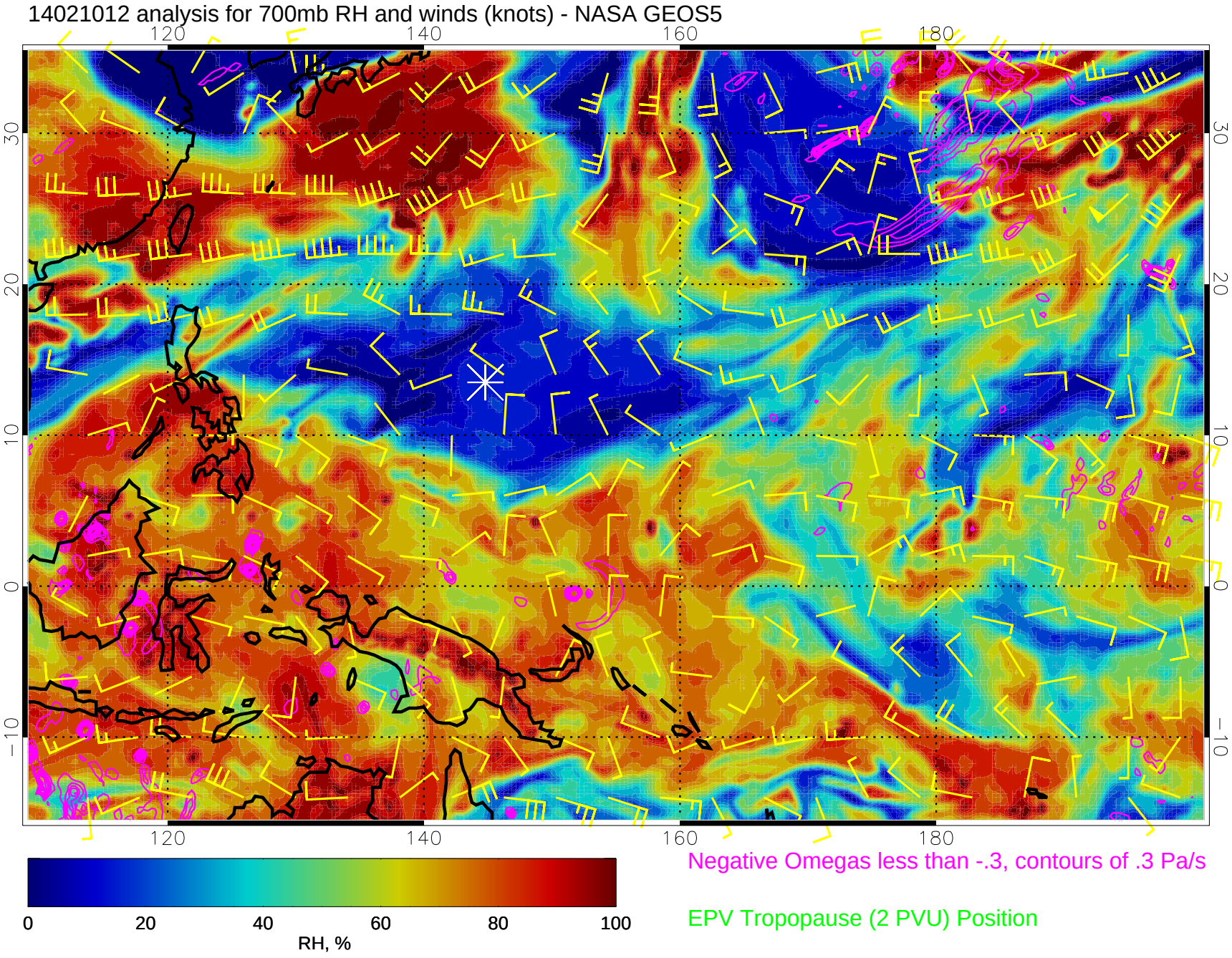
EPV Tropopause (2 PVU) Position

14020918 analysis for 700mb RH and winds (knots) - NASA GEOS5

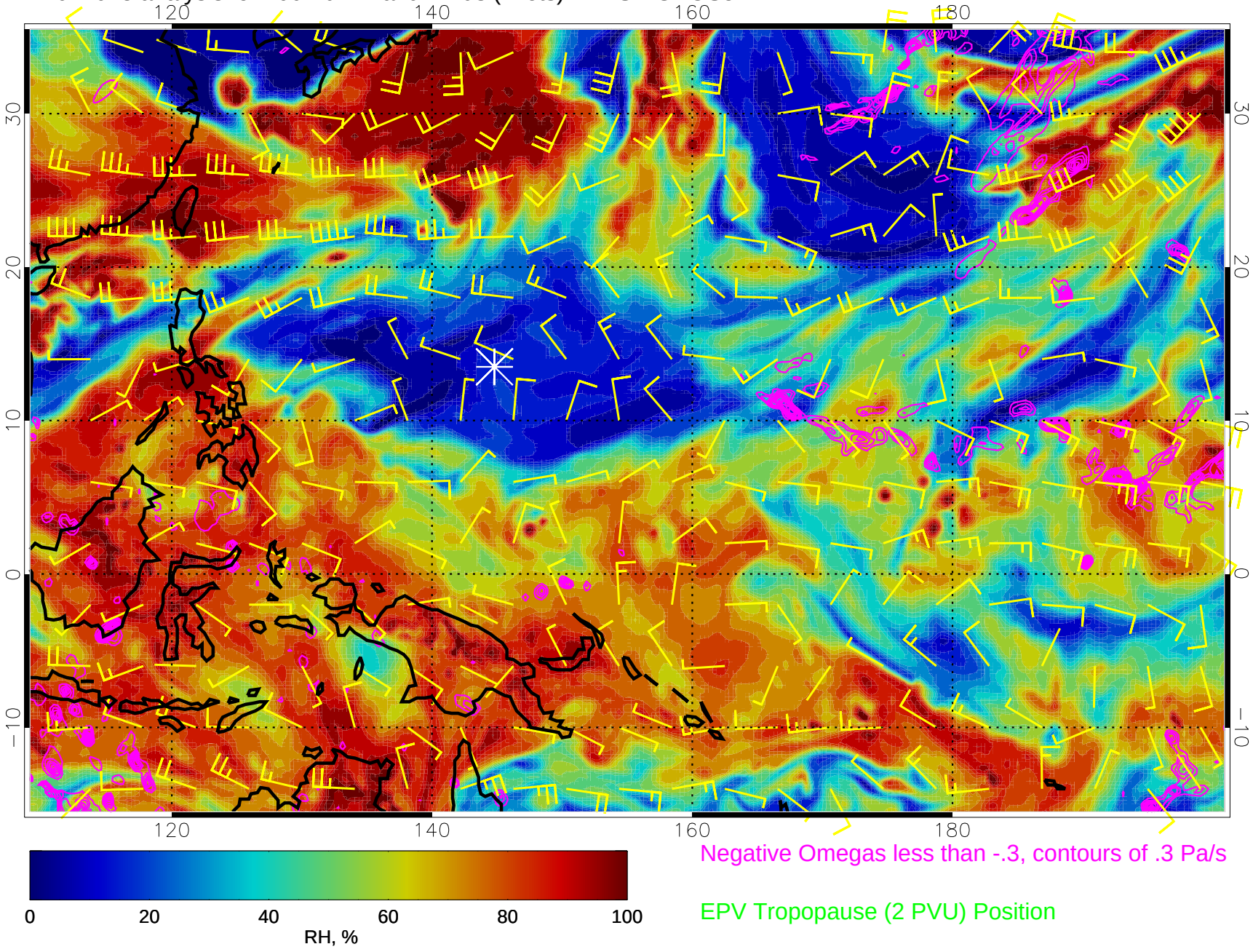


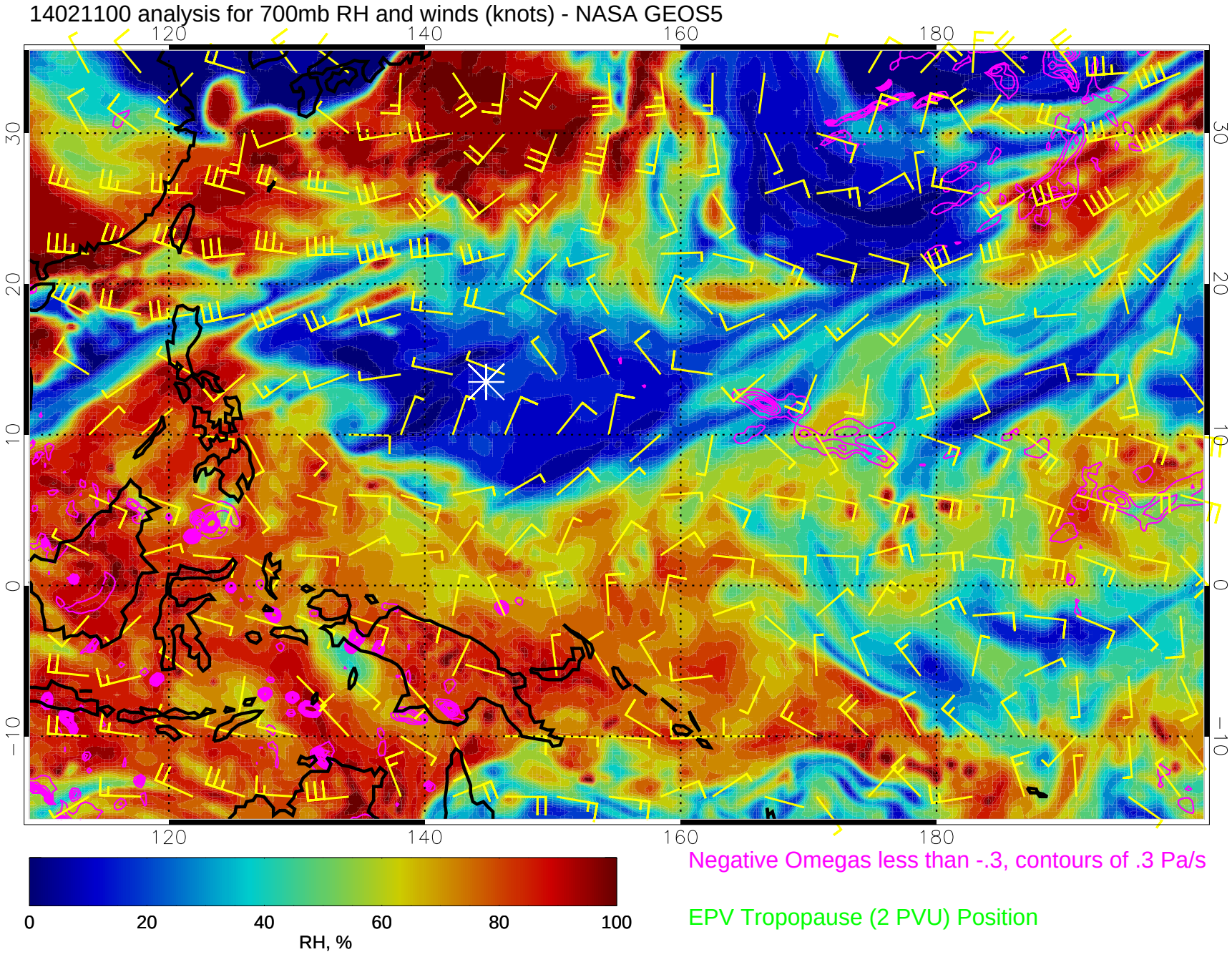

14021000 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

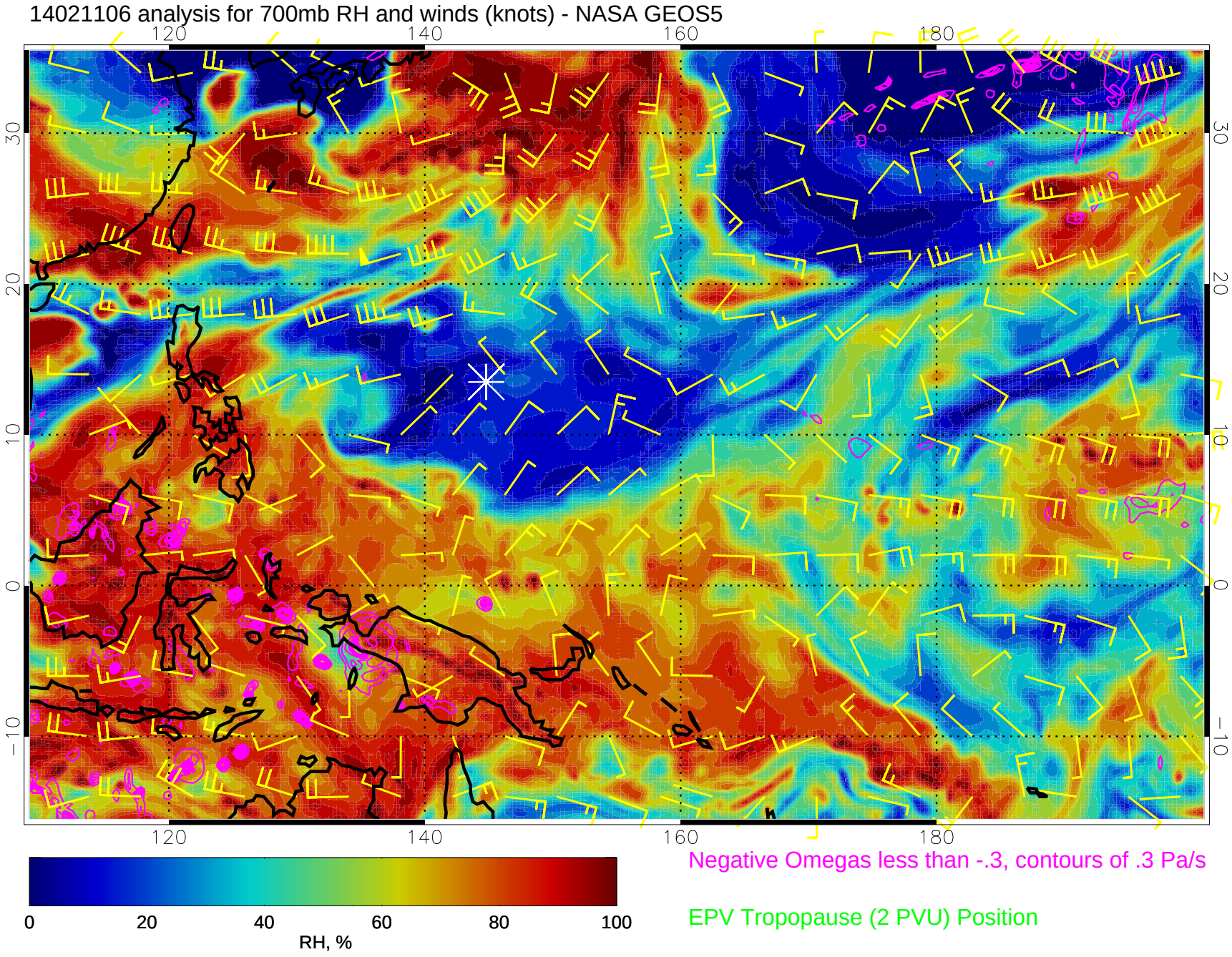

14021006 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position


14021012 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

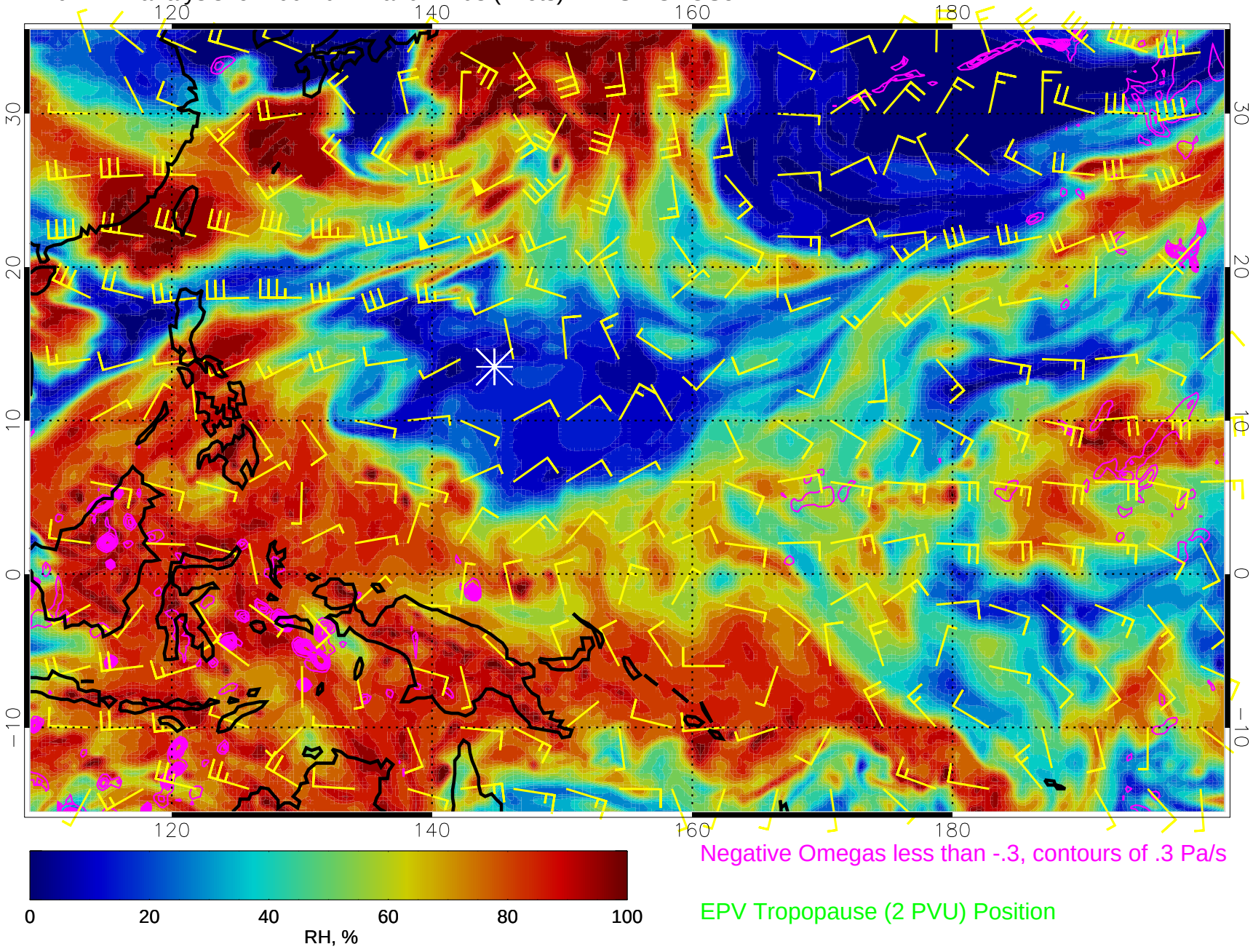
14021018 analysis for 700mb RH and winds (knots) - NASA GEOS5



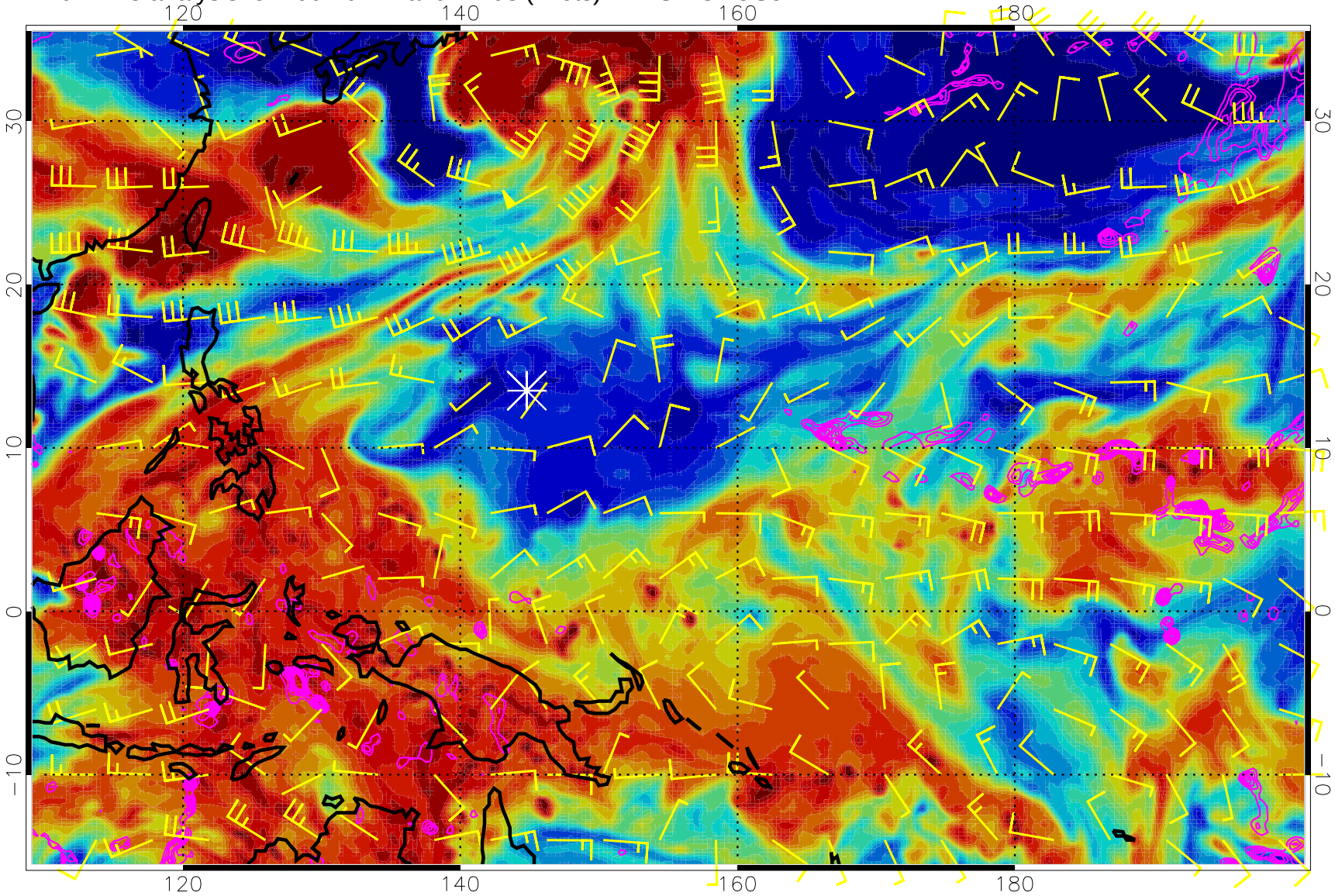

14021100 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position


14021106 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

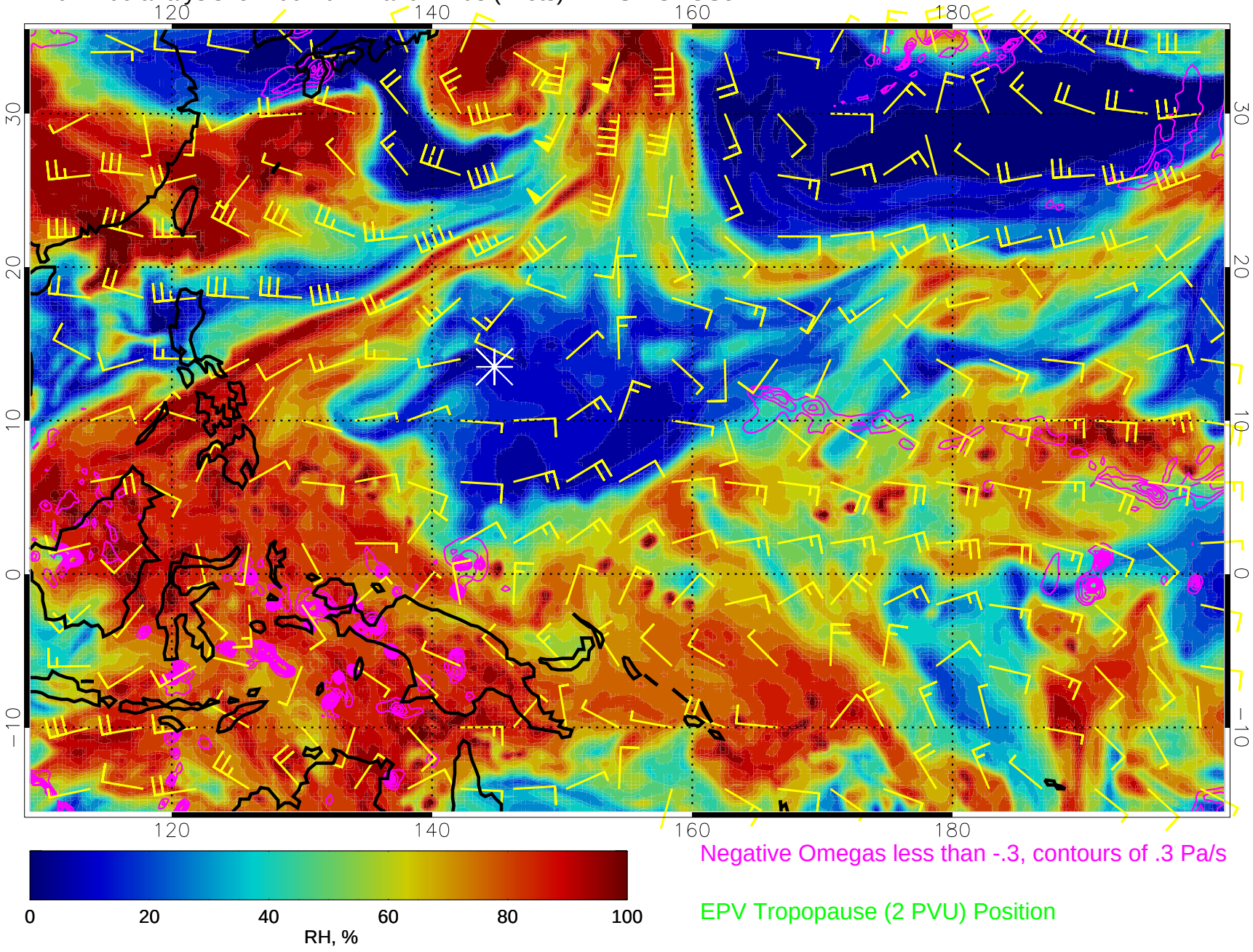
14021112 analysis for 700mb RH and winds (knots) - NASA GEOS5



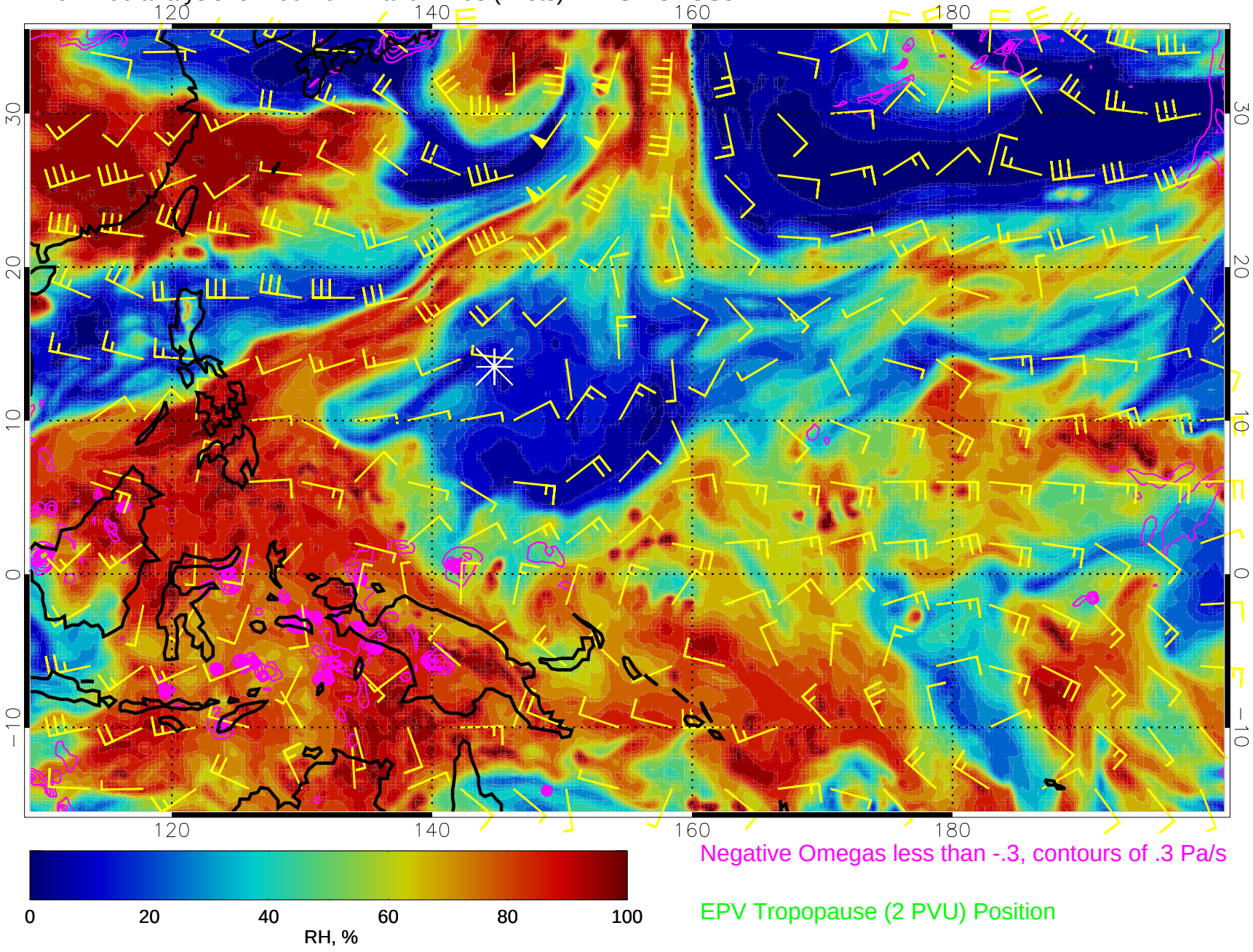
14021118 analysis for 700mb RH and winds (knots) - NASA GEOS5



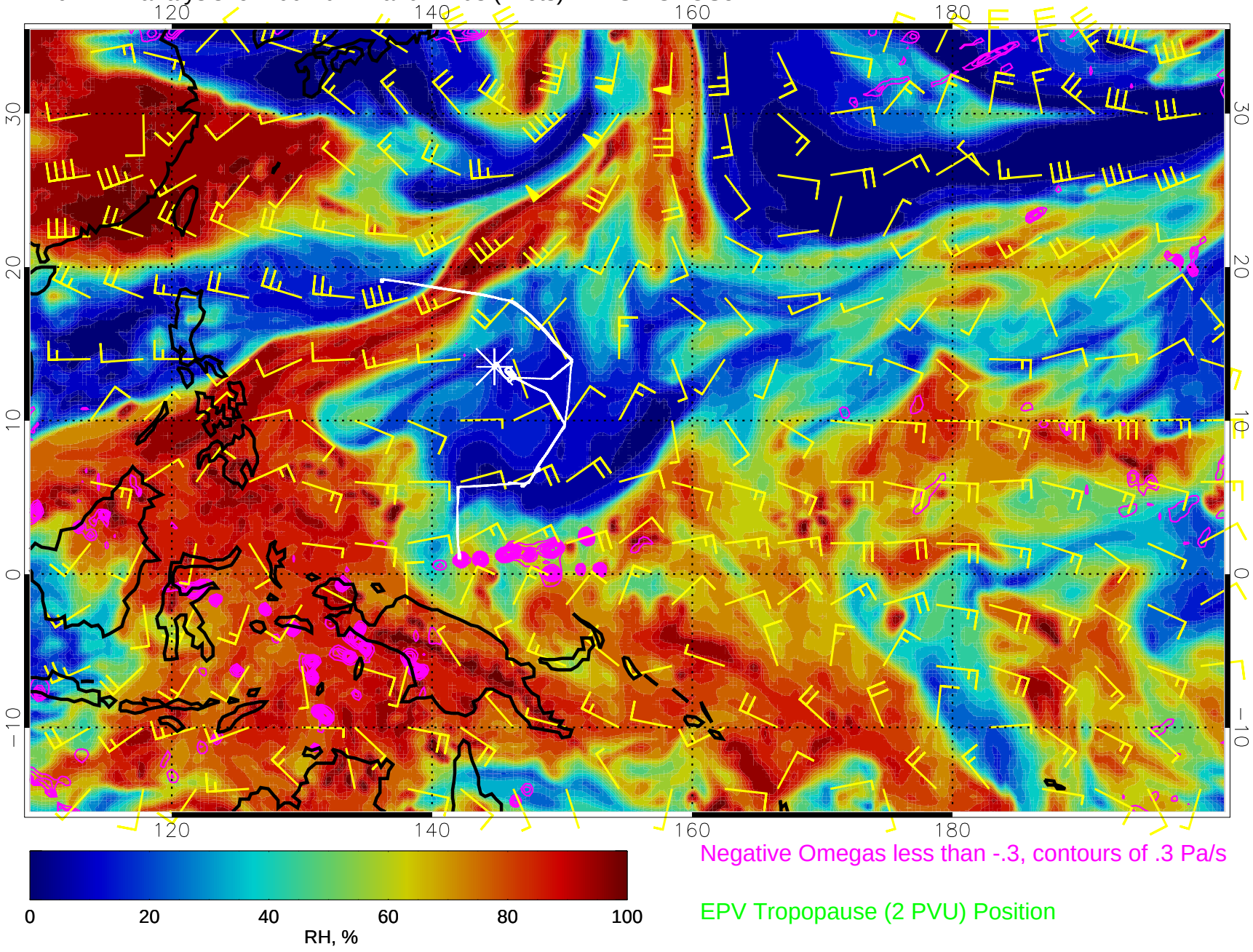
14021200 analysis for 700mb RH and winds (knots) - NASA GEOS5



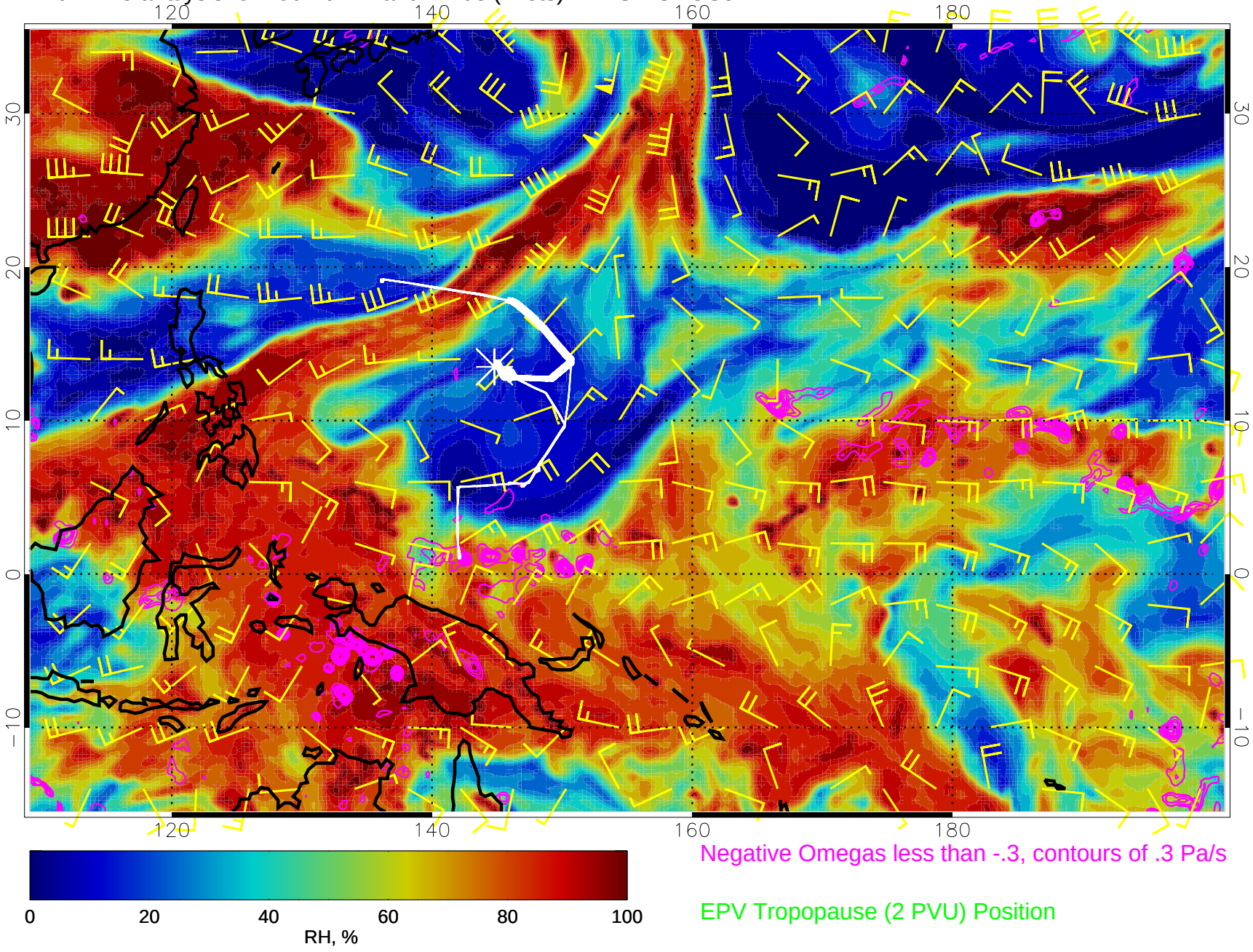
14021206 analysis for 700mb RH and winds (knots) - NASA GEOS5



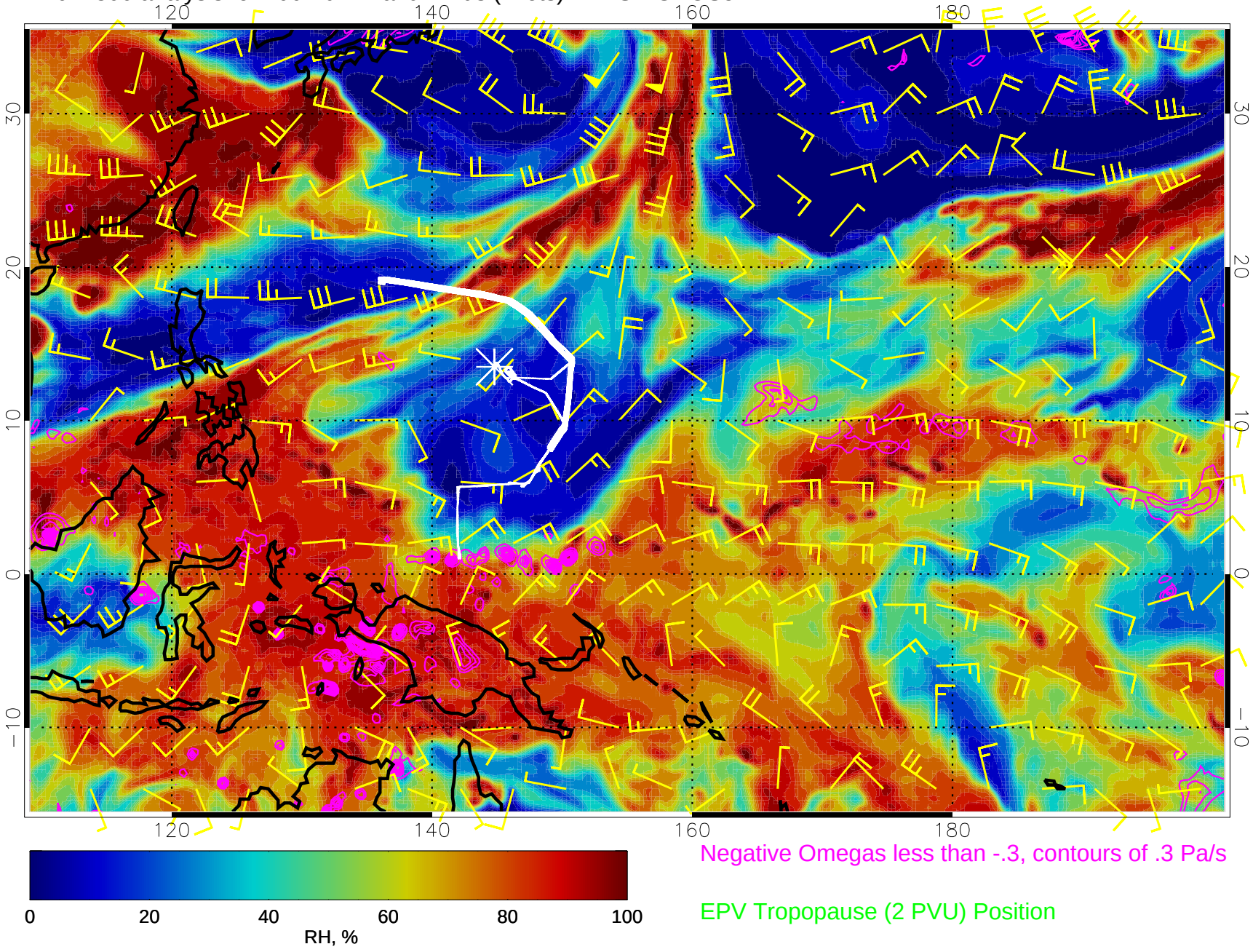
14021212 analysis for 700mb RH and winds (knots) - NASA GEOS5



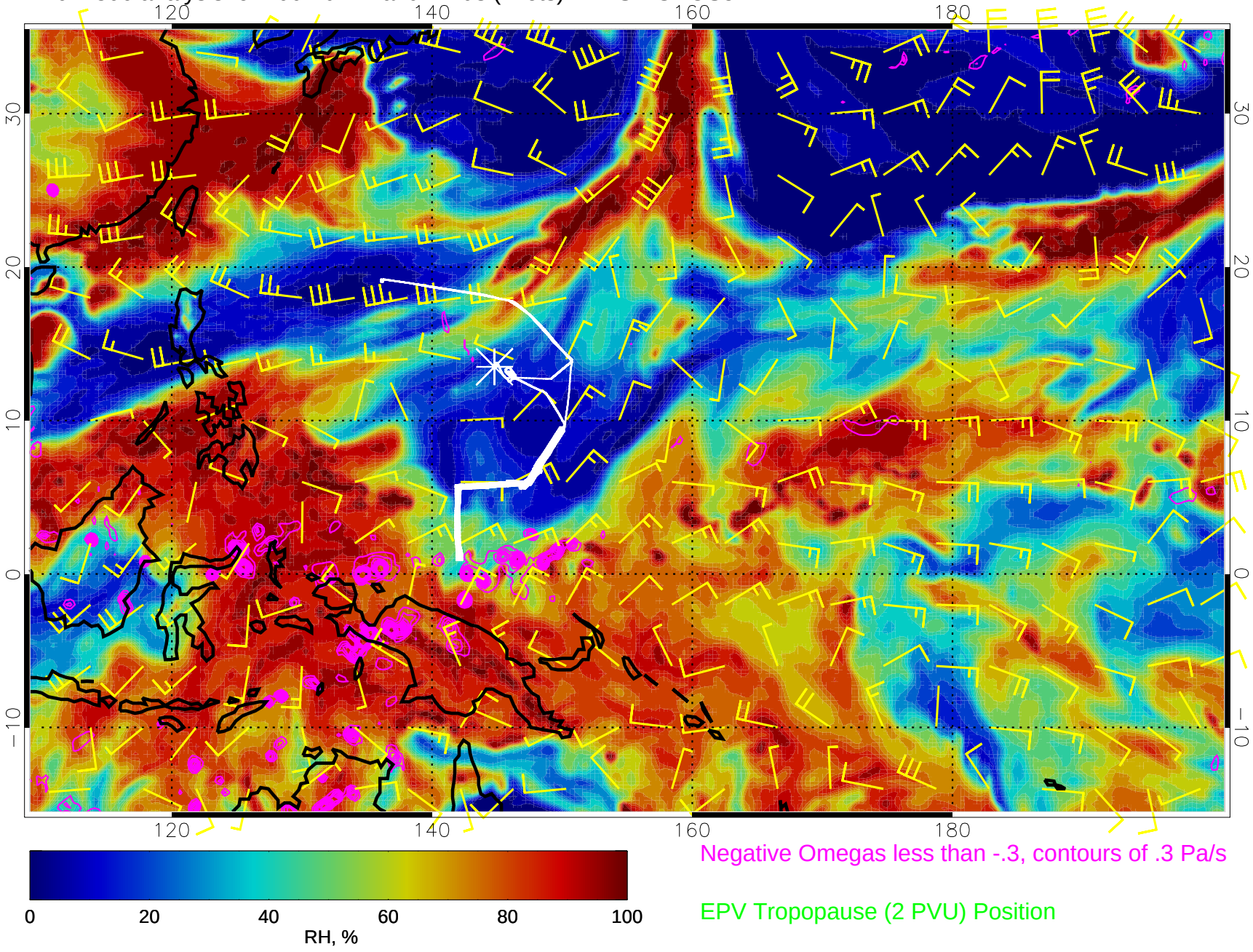
14021218 analysis for 700mb RH and winds (knots) - NASA GEOS5



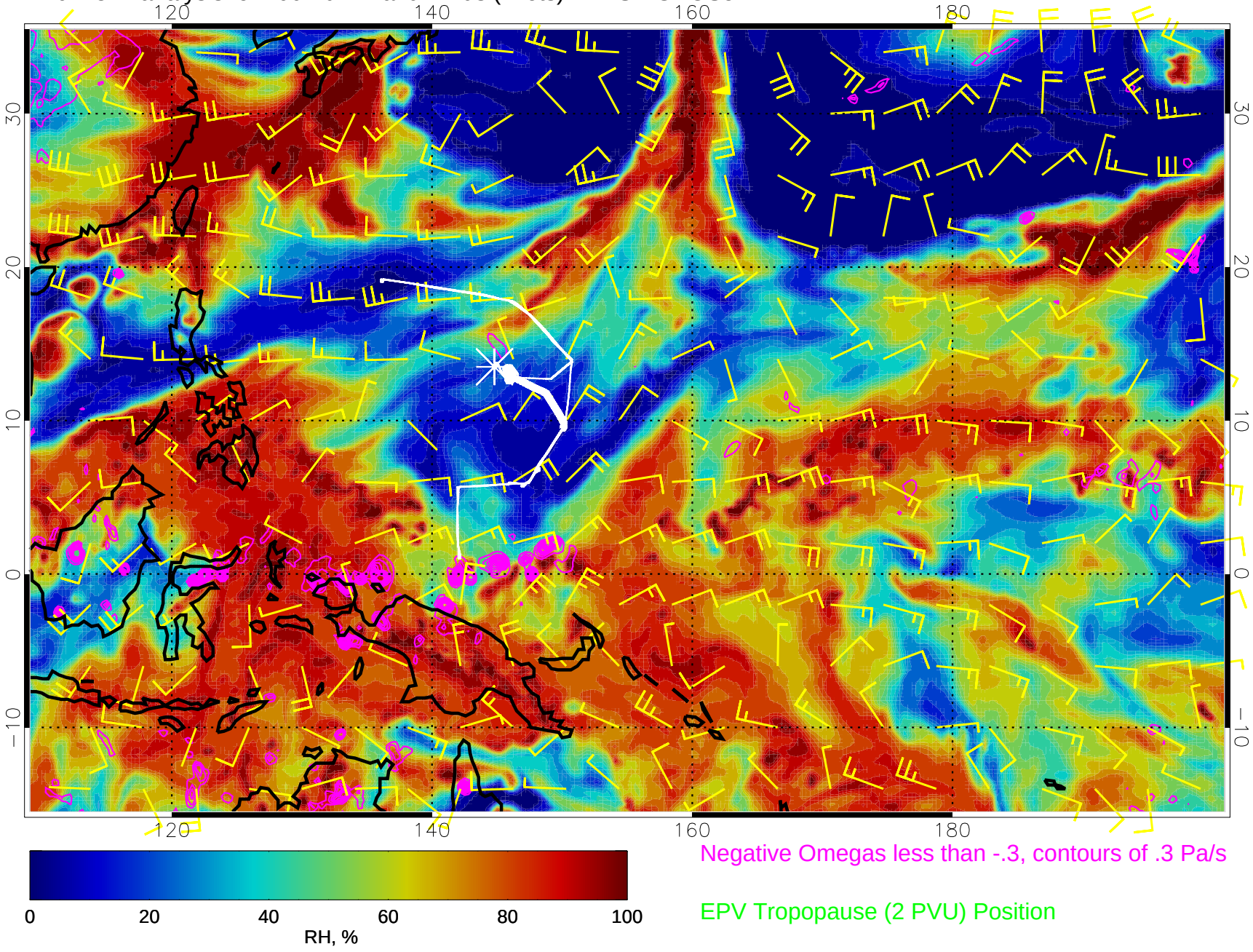
14021300 analysis for 700mb RH and winds (knots) - NASA GEOS5



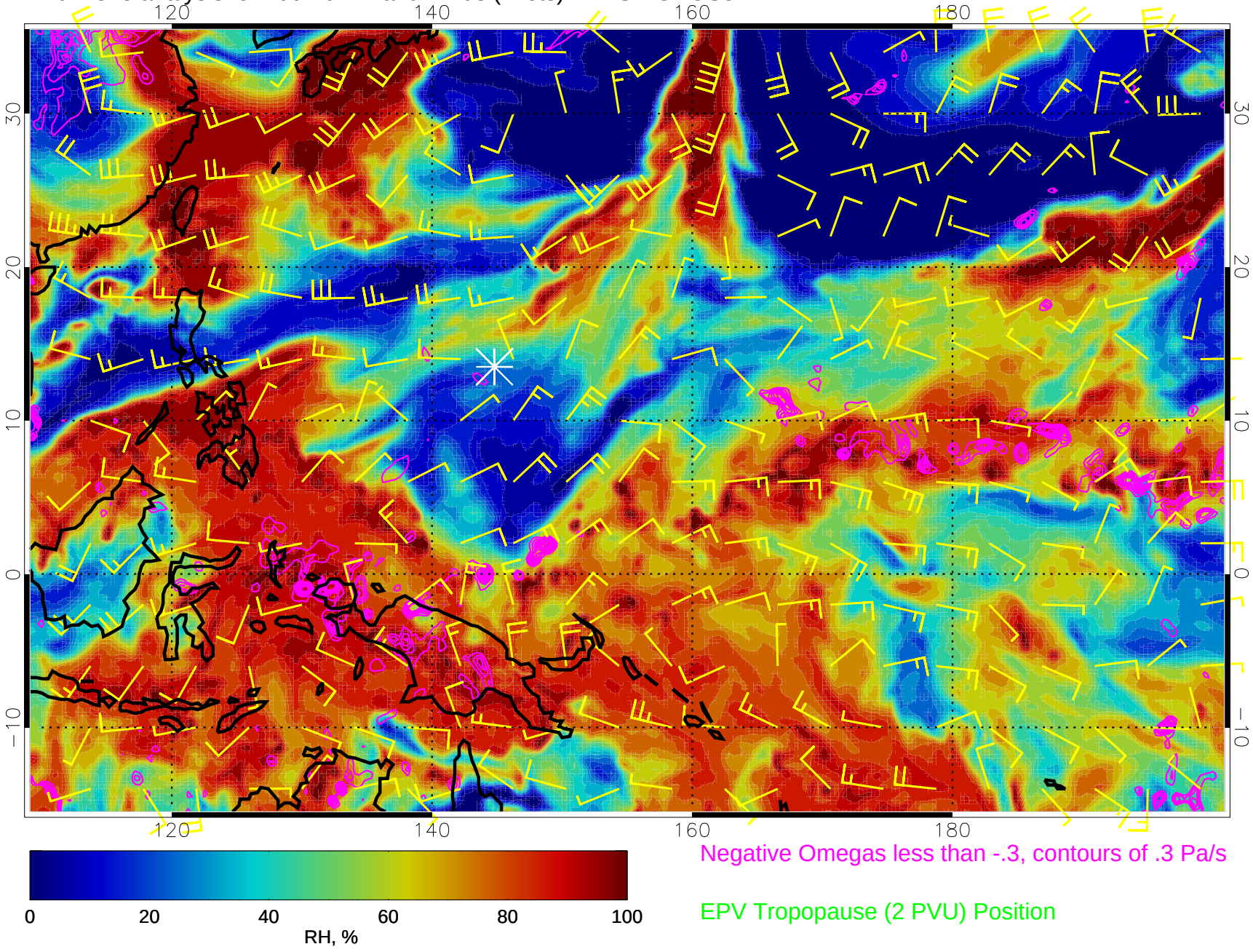
14021306 analysis for 700mb RH and winds (knots) - NASA GEOS5



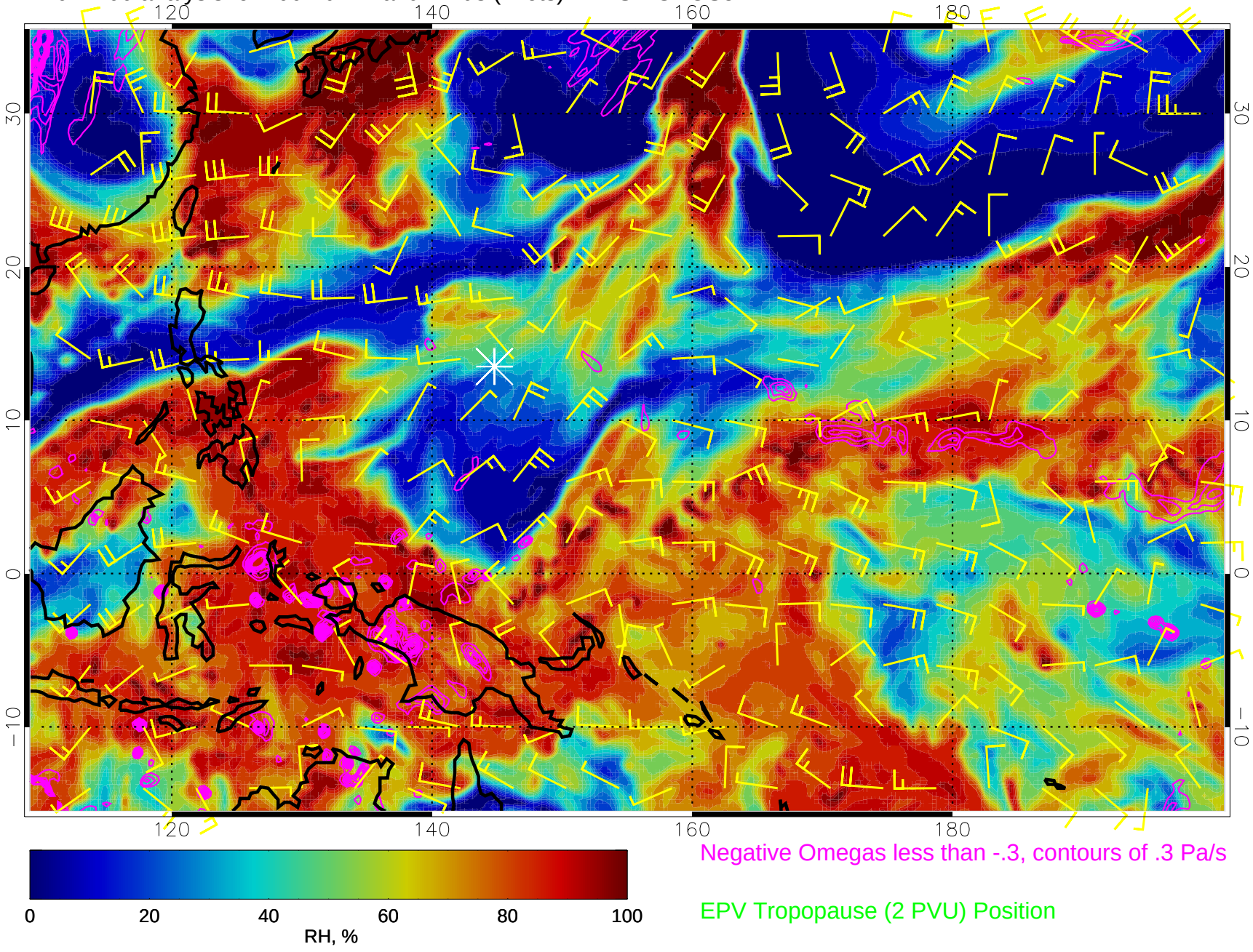
14021312 analysis for 700mb RH and winds (knots) - NASA GEOS5



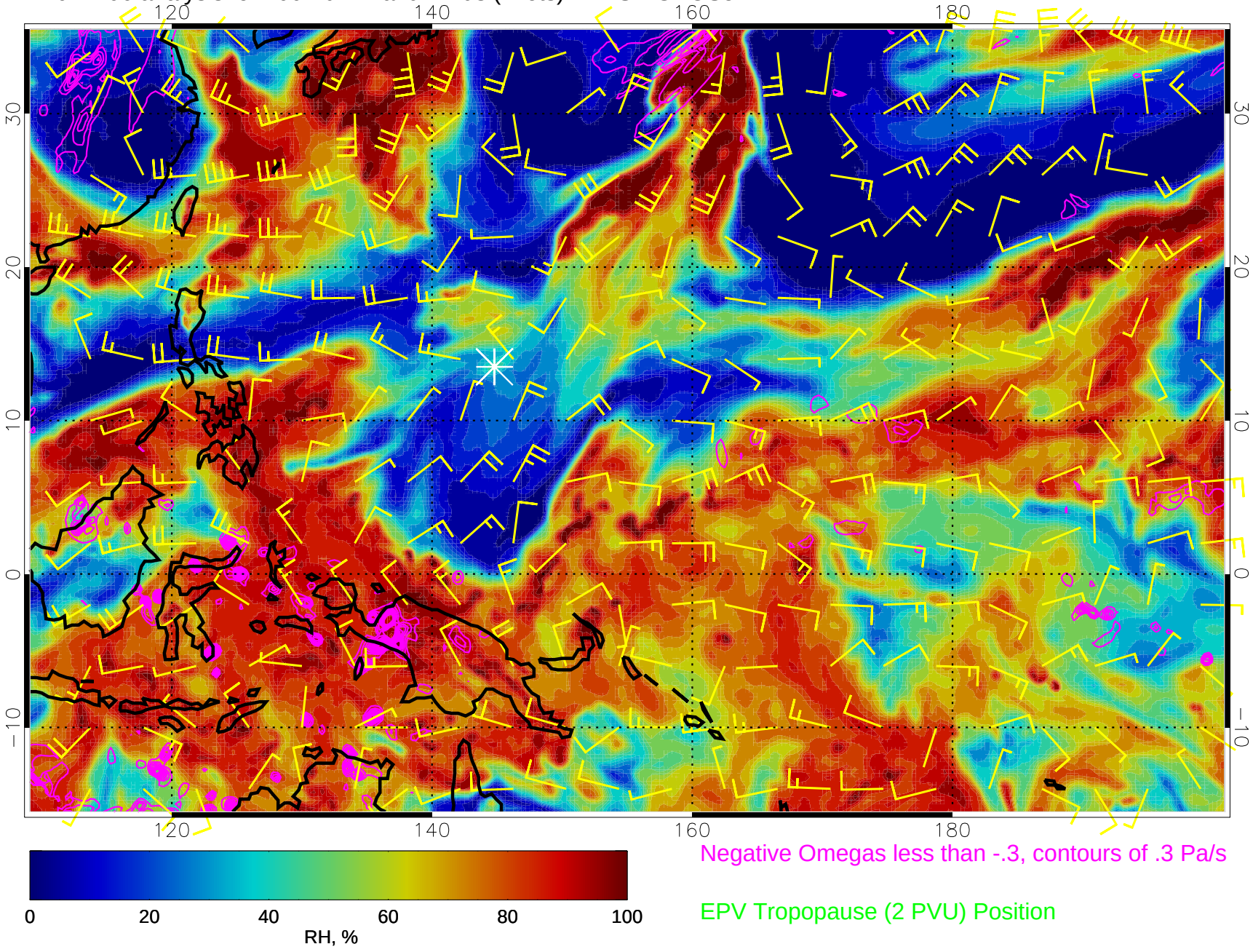
14021318 analysis for 700mb RH and winds (knots) - NASA GEOS5



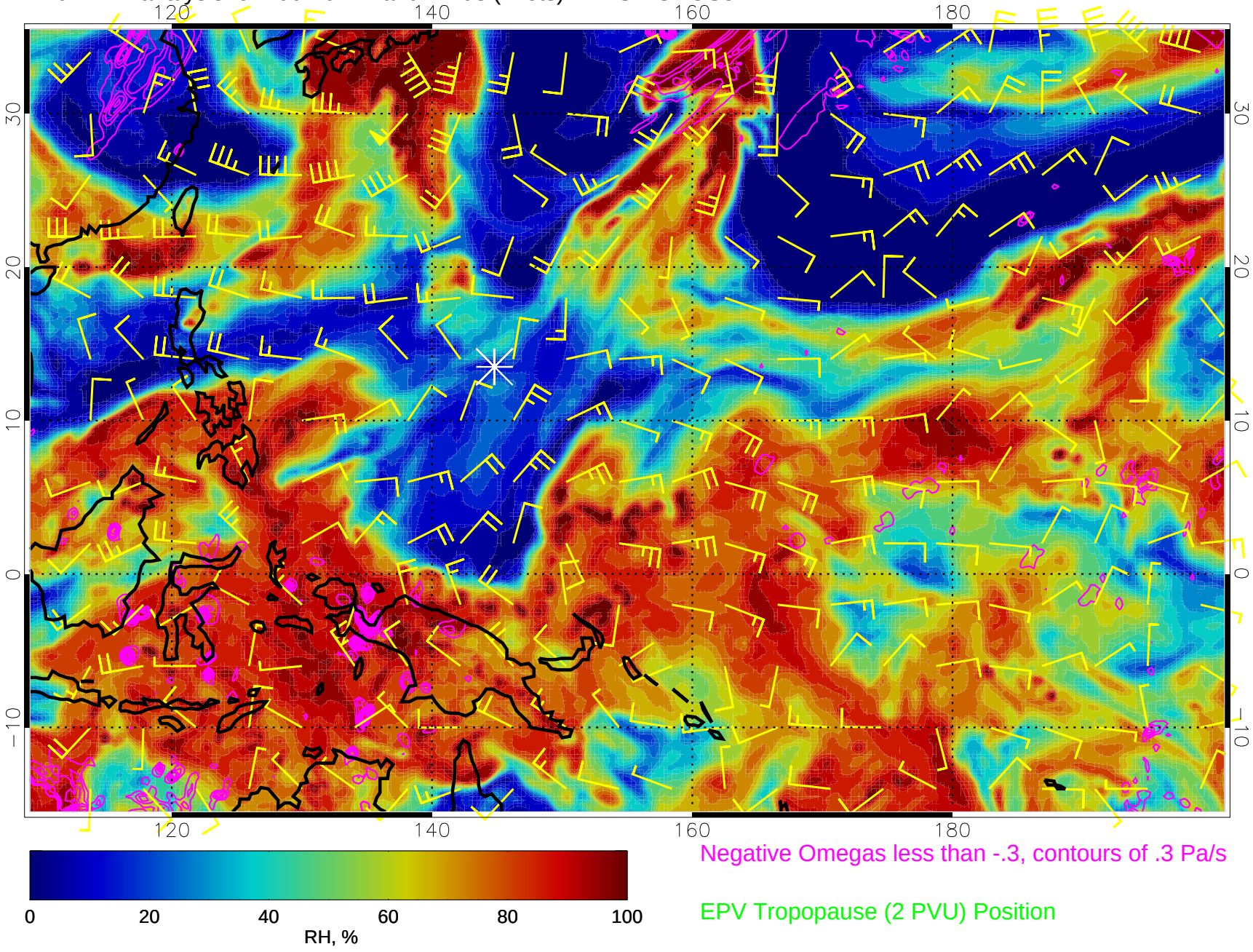
14021400 analysis for 700mb RH and winds (knots) - NASA GEOS5

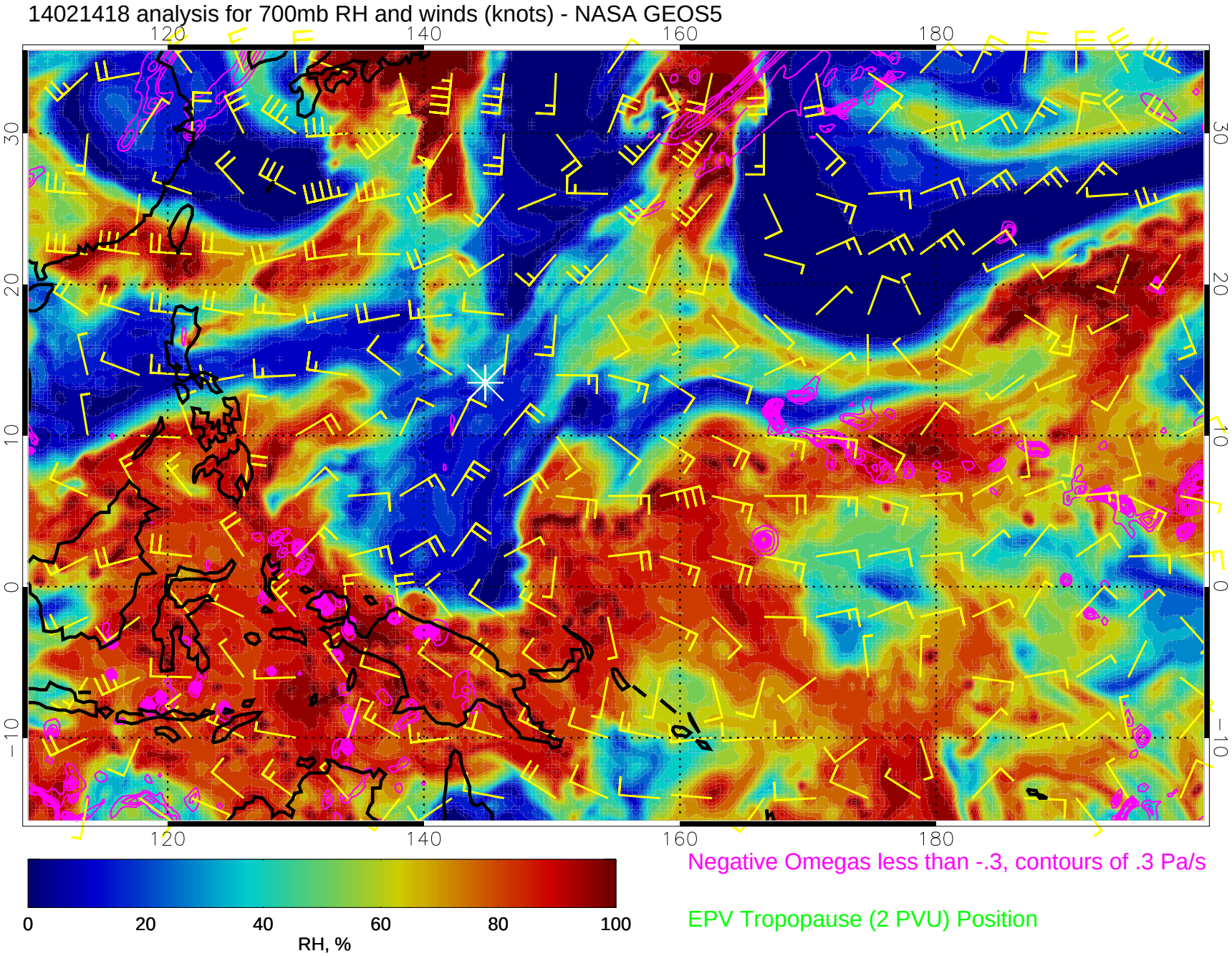


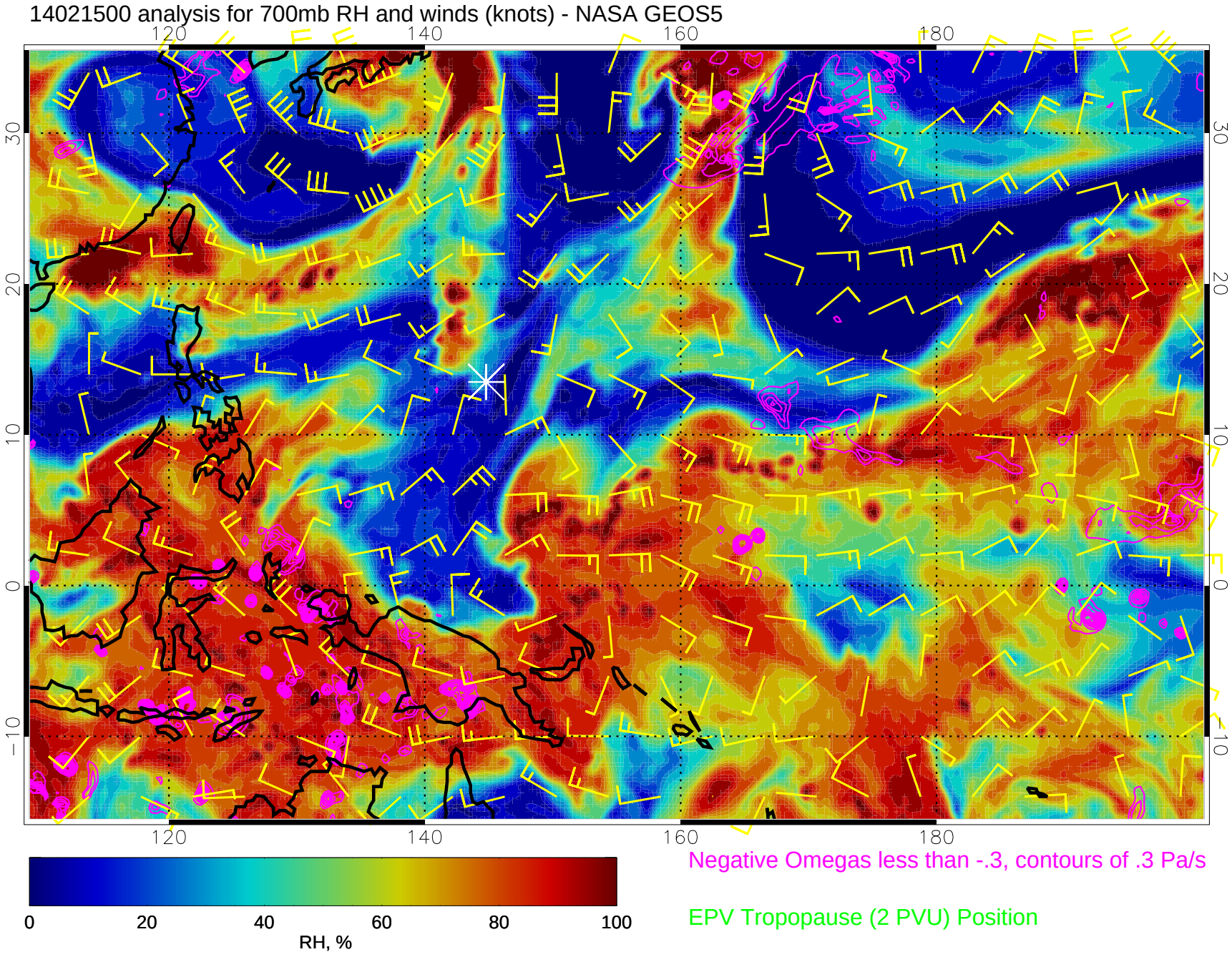
14021406 analysis for 700mb RH and winds (knots) - NASA GEOS5



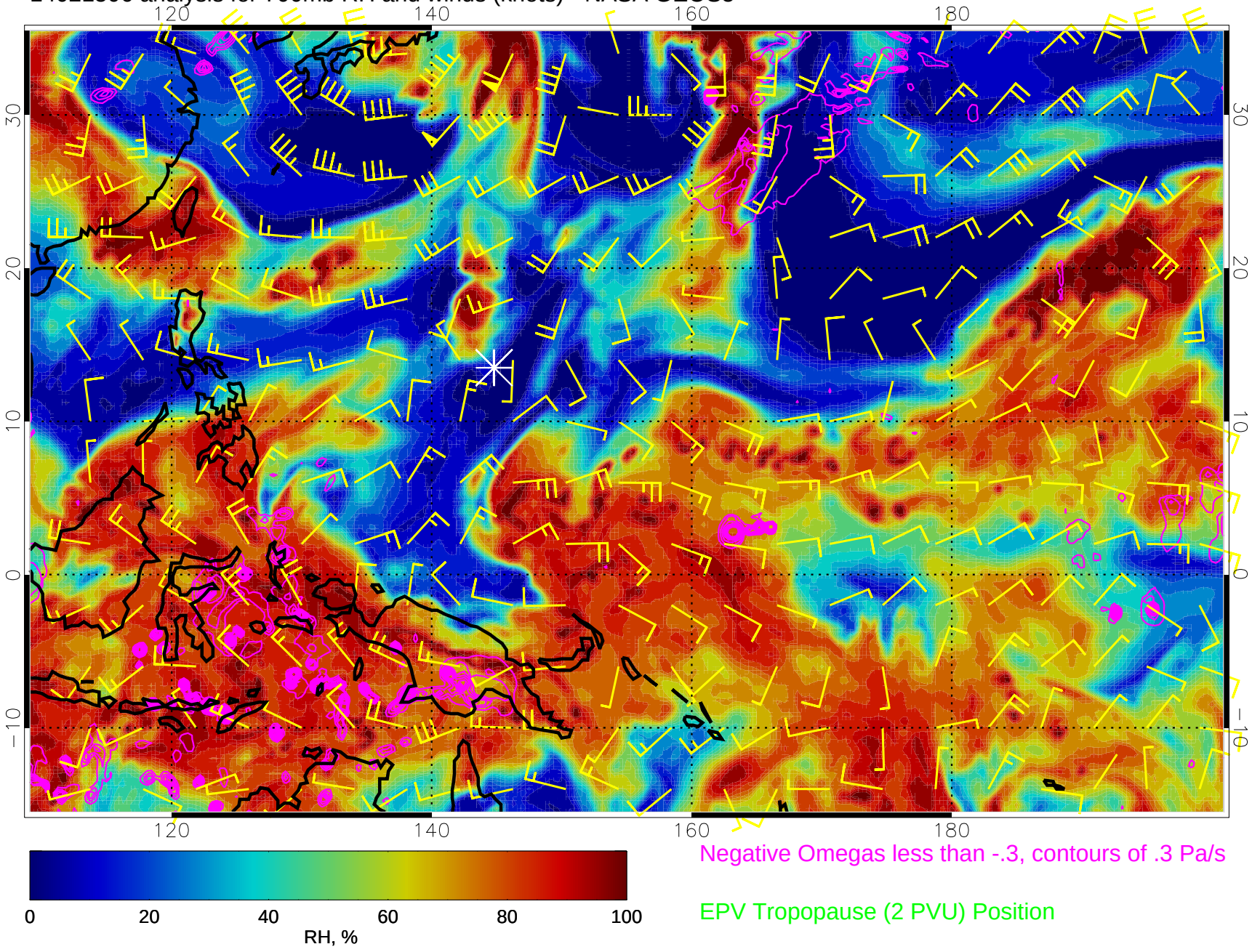
14021412 analysis for 700mb RH and winds (knots) - NASA GEOS5



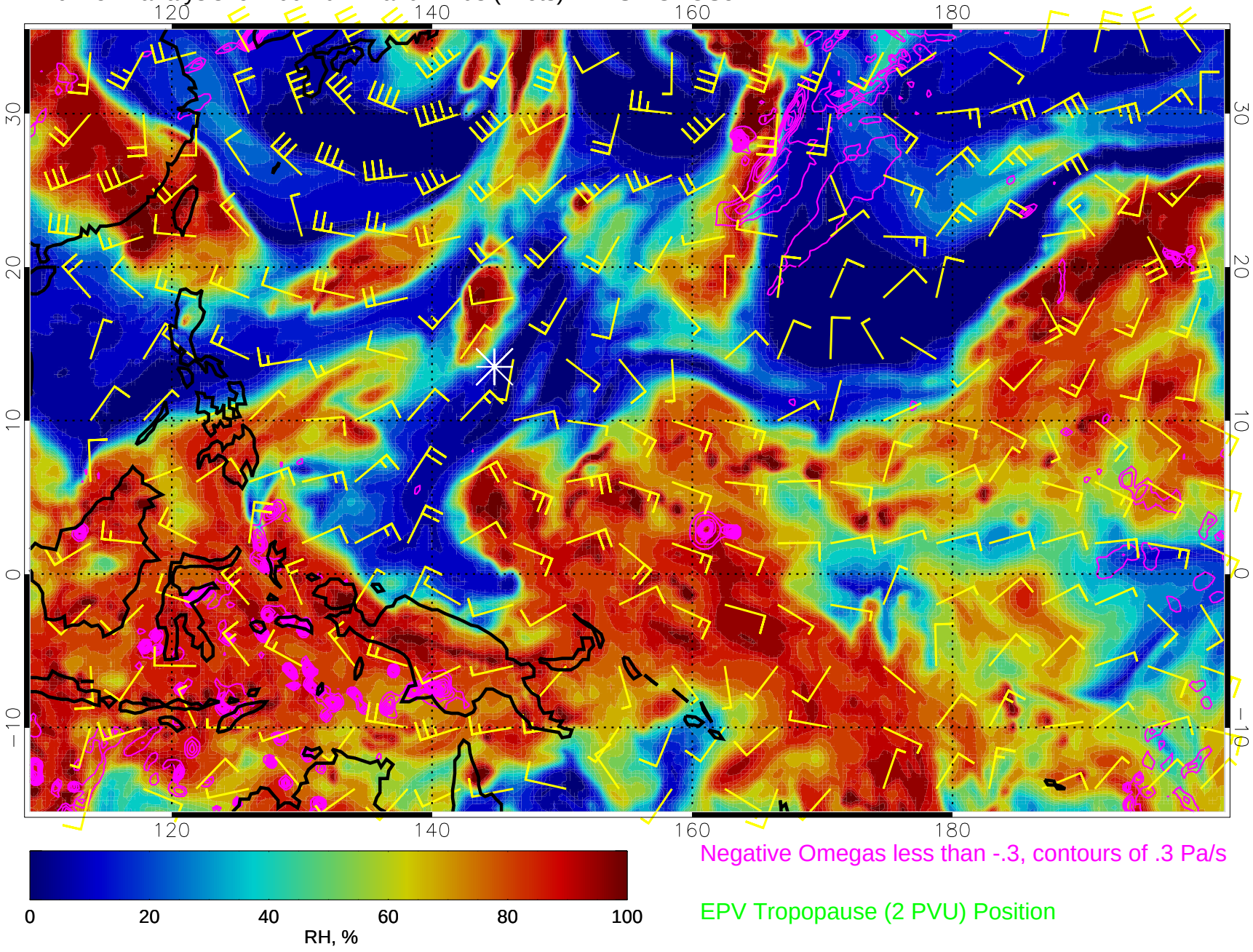

14021418 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position


14021500 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

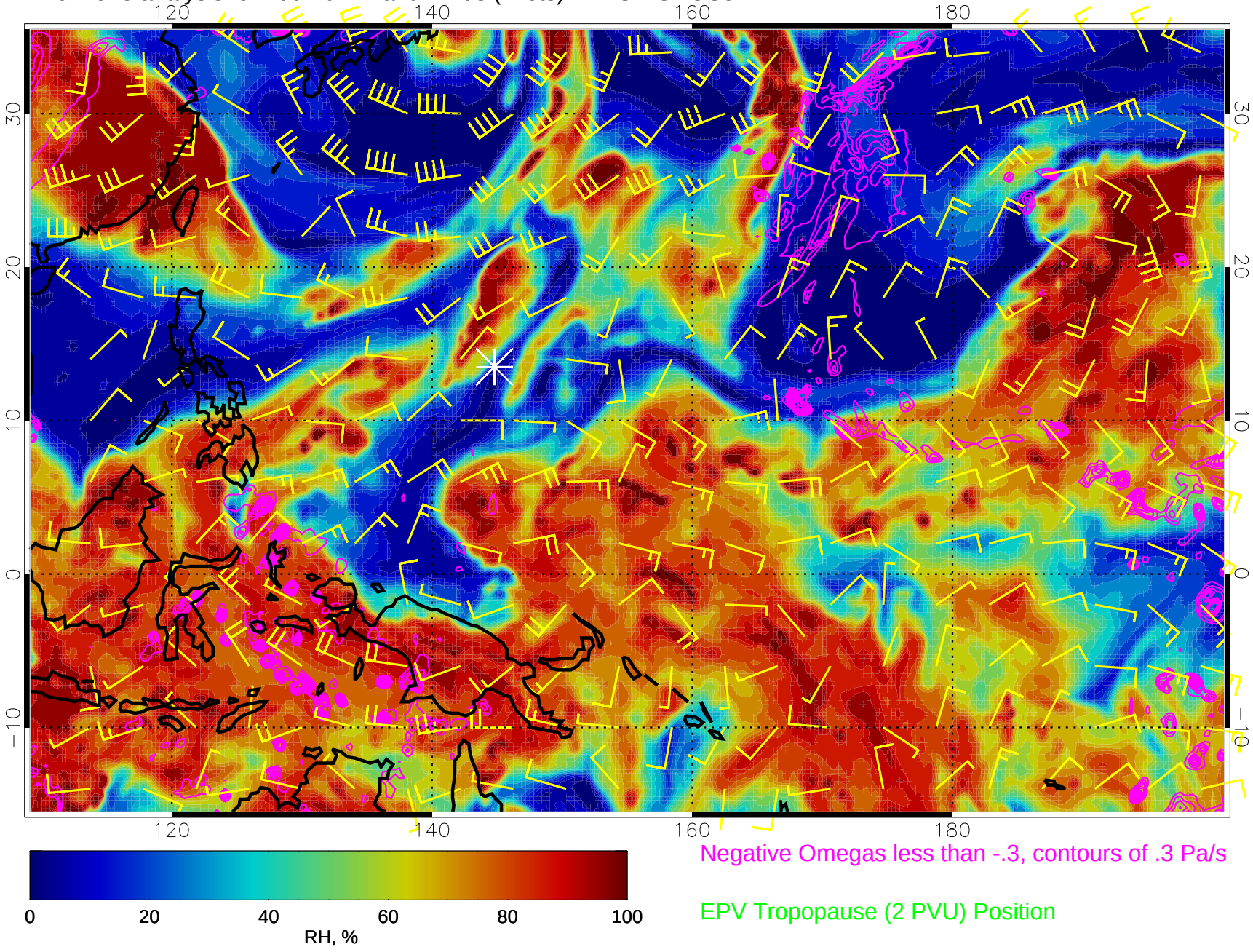
14021506 analysis for 700mb RH and winds (knots) - NASA GEOS5



14021512 analysis for 700mb RH and winds (knots) - NASA GEOS5



14021518 analysis for 700mb RH and winds (knots) - NASA GEOS5

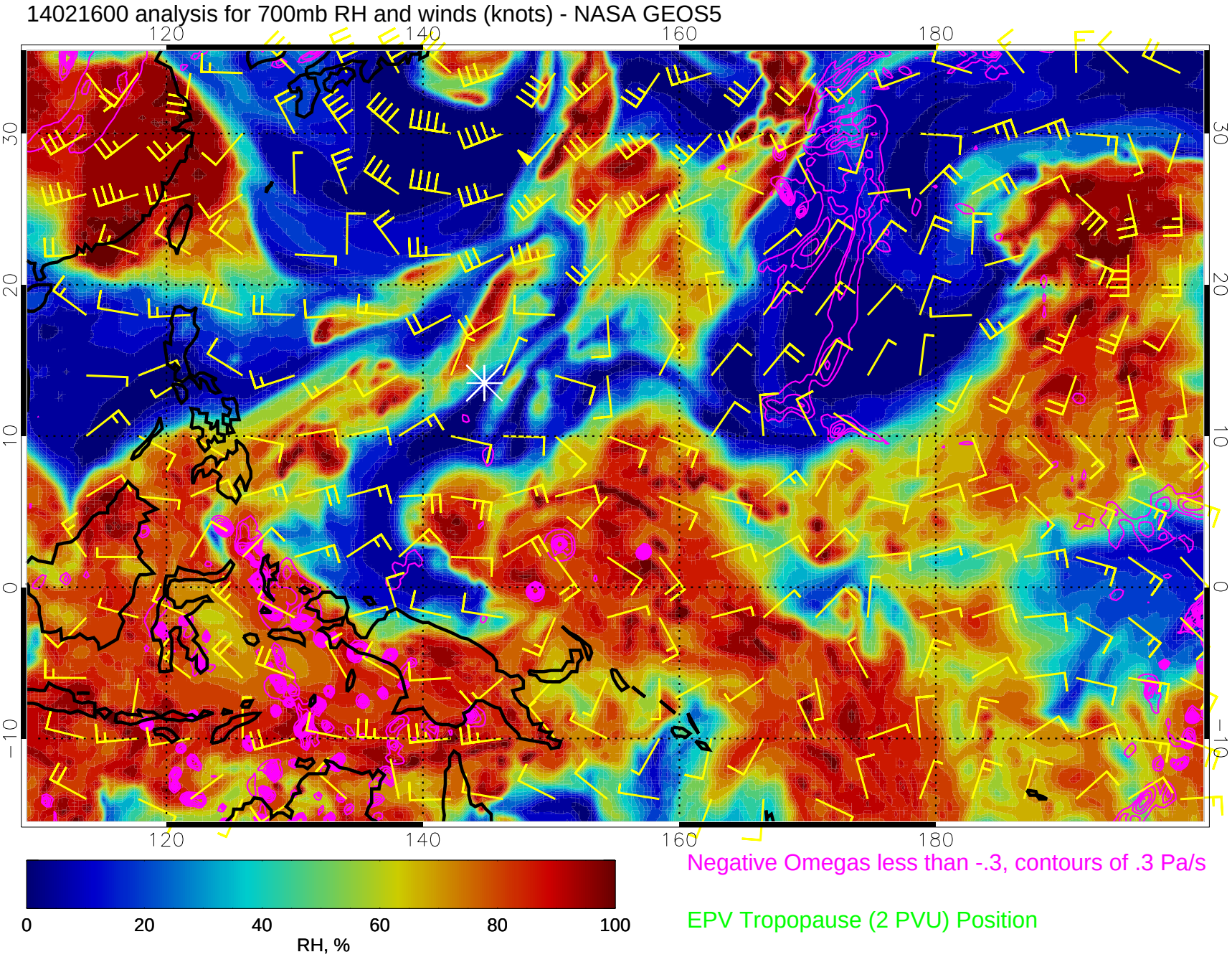


0 20 40 60 80 100

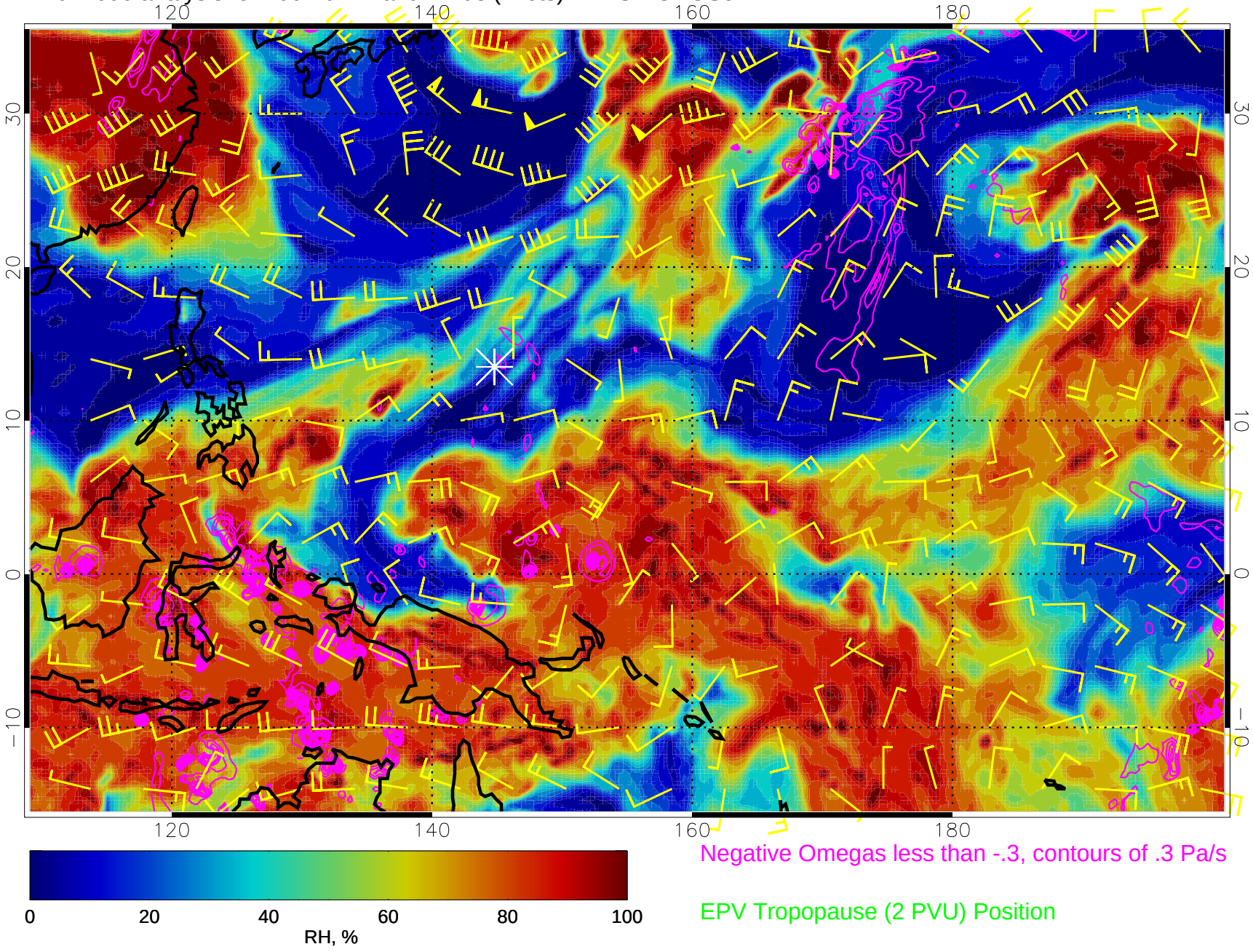
RH, %

Negative Omegas less than -.3, contours of .3 Pa/s

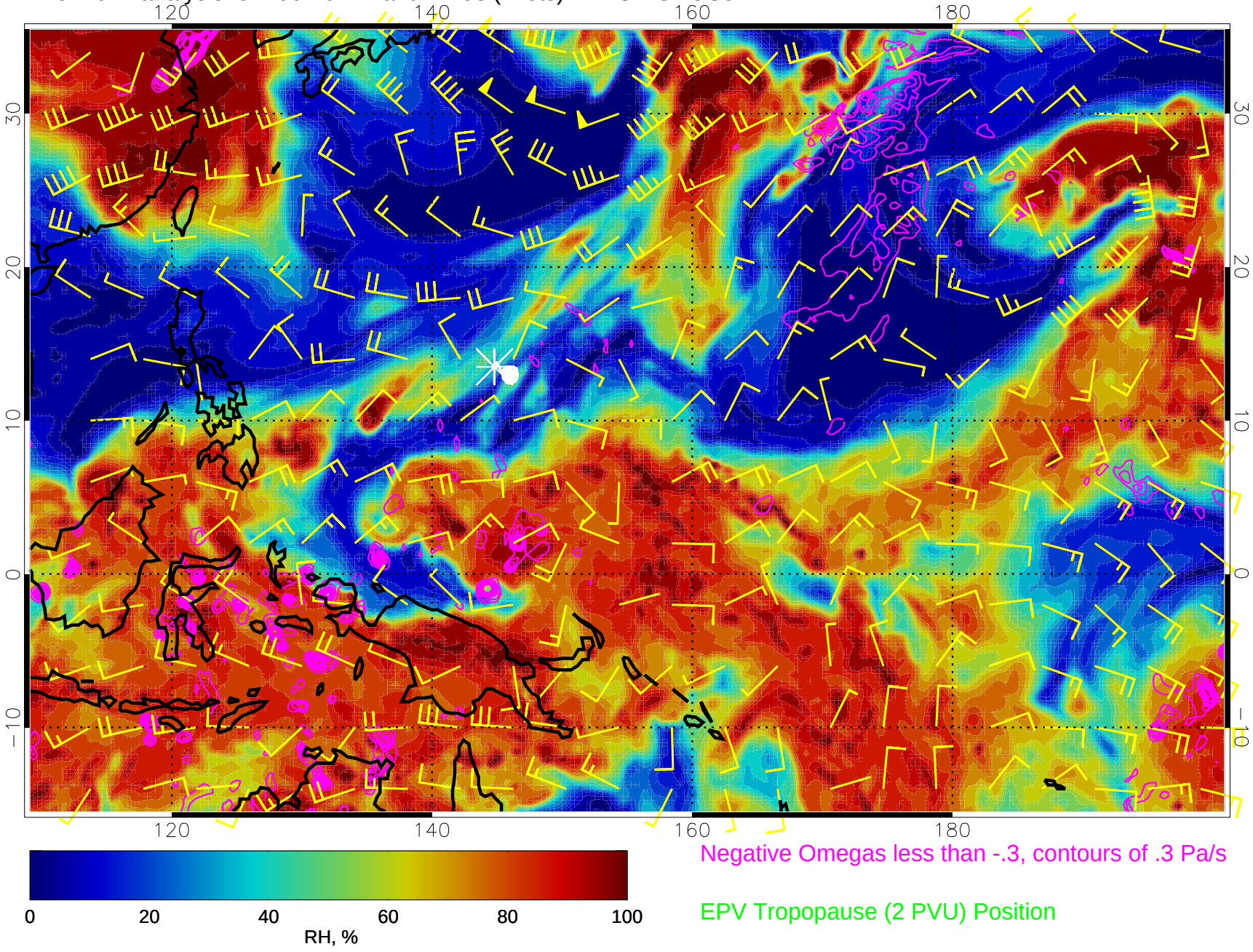
EPV Tropopause (2 PVU) Position


14021600 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

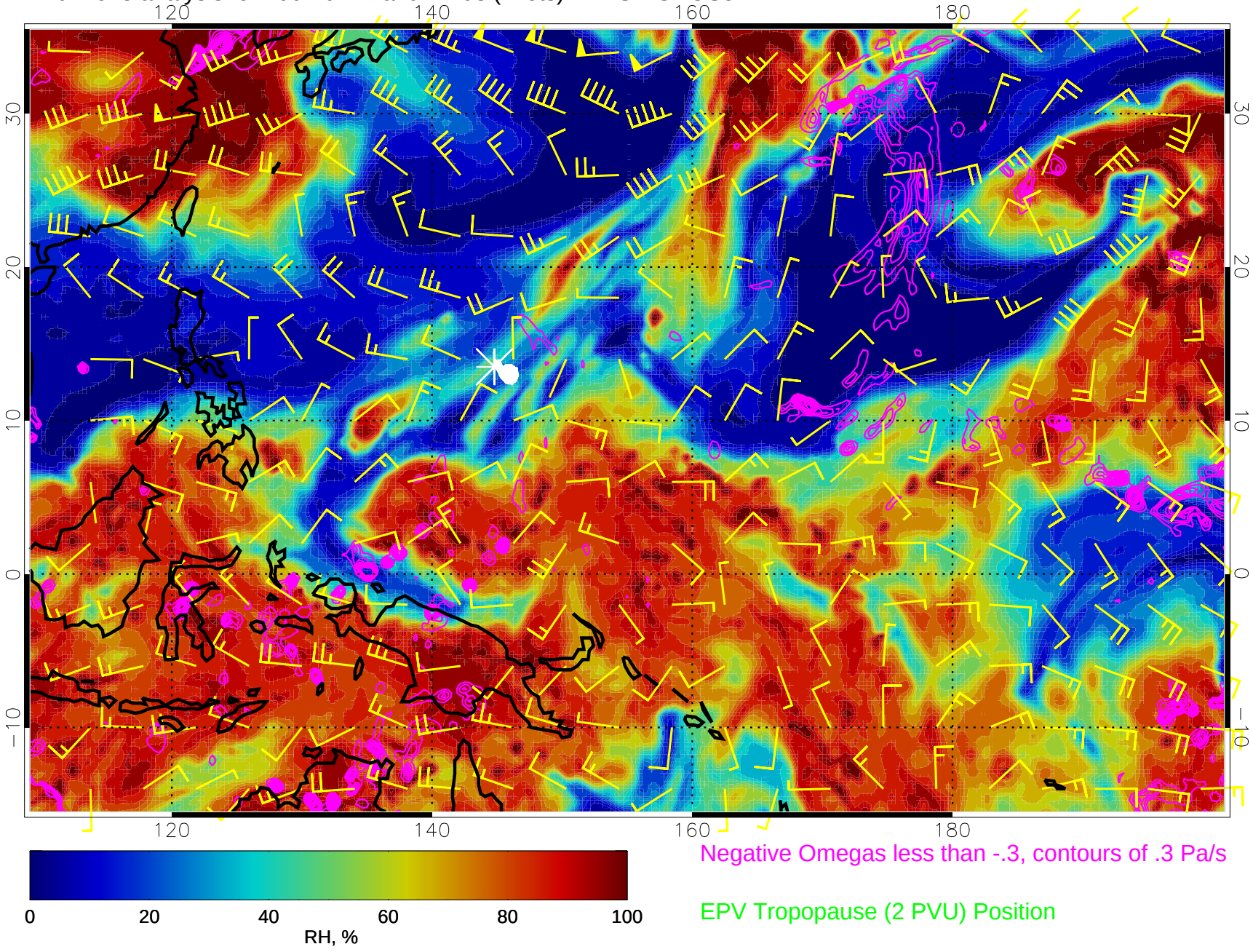
14021606 analysis for 700mb RH and winds (knots) - NASA GEOS5



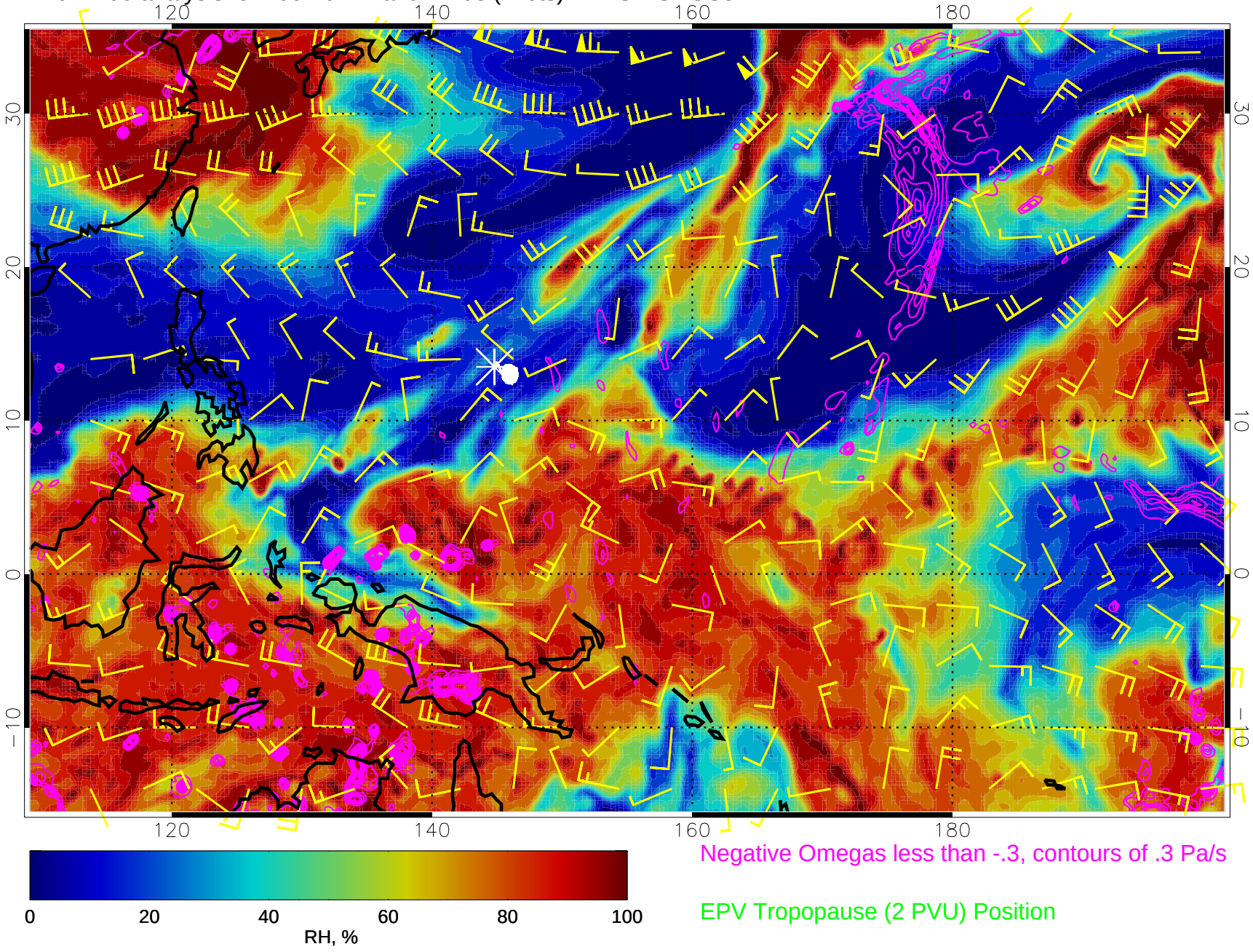
14021612 analysis for 700mb RH and winds (knots) - NASA GEOS5



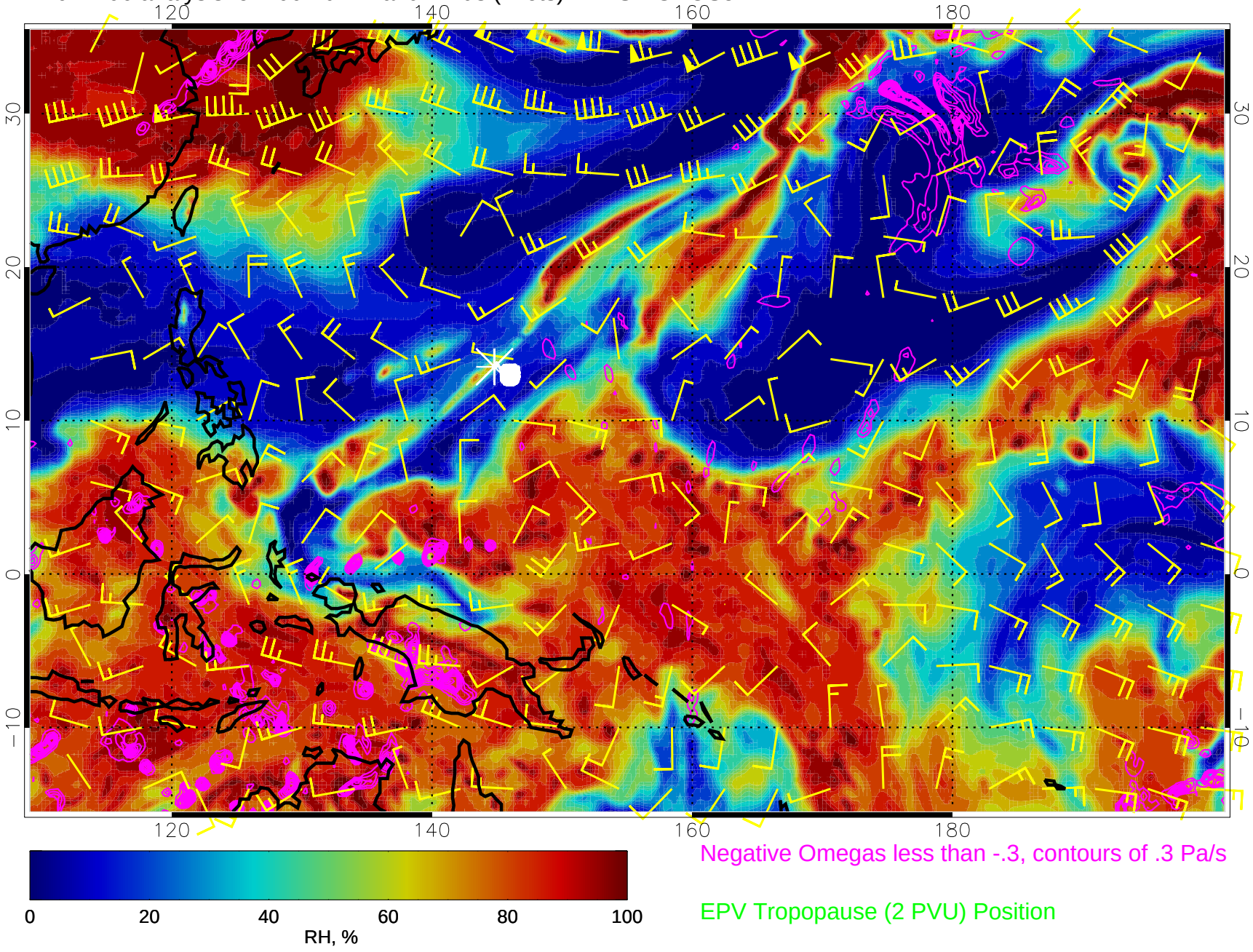
14021618 analysis for 700mb RH and winds (knots) - NASA GEOS5



14021700 analysis for 700mb RH and winds (knots) - NASA GEOS5



14021706 analysis for 700mb RH and winds (knots) - NASA GEOS5

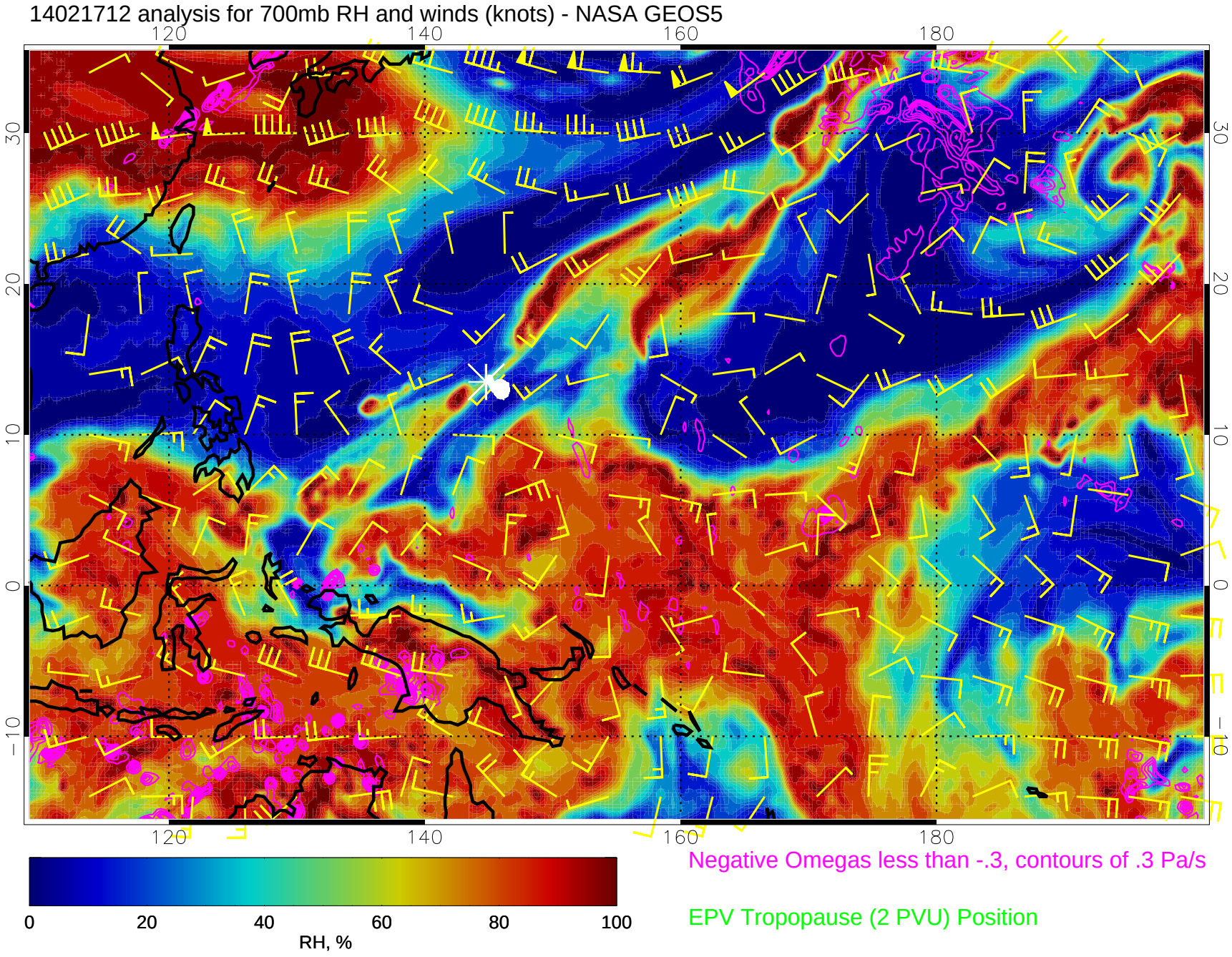


0 20 40 60 80 100

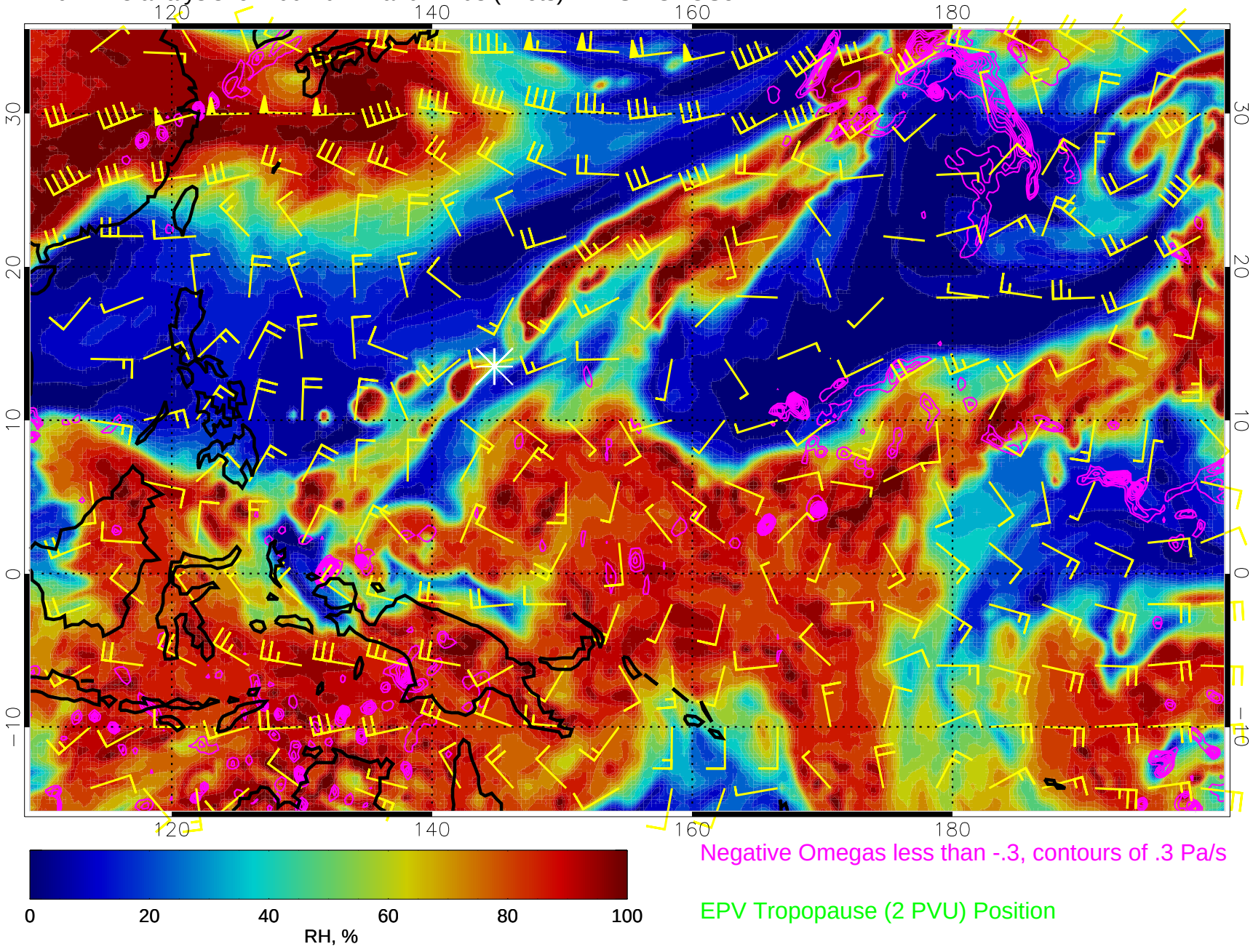
RH, %

Negative Omegas less than -.3, contours of .3 Pa/s

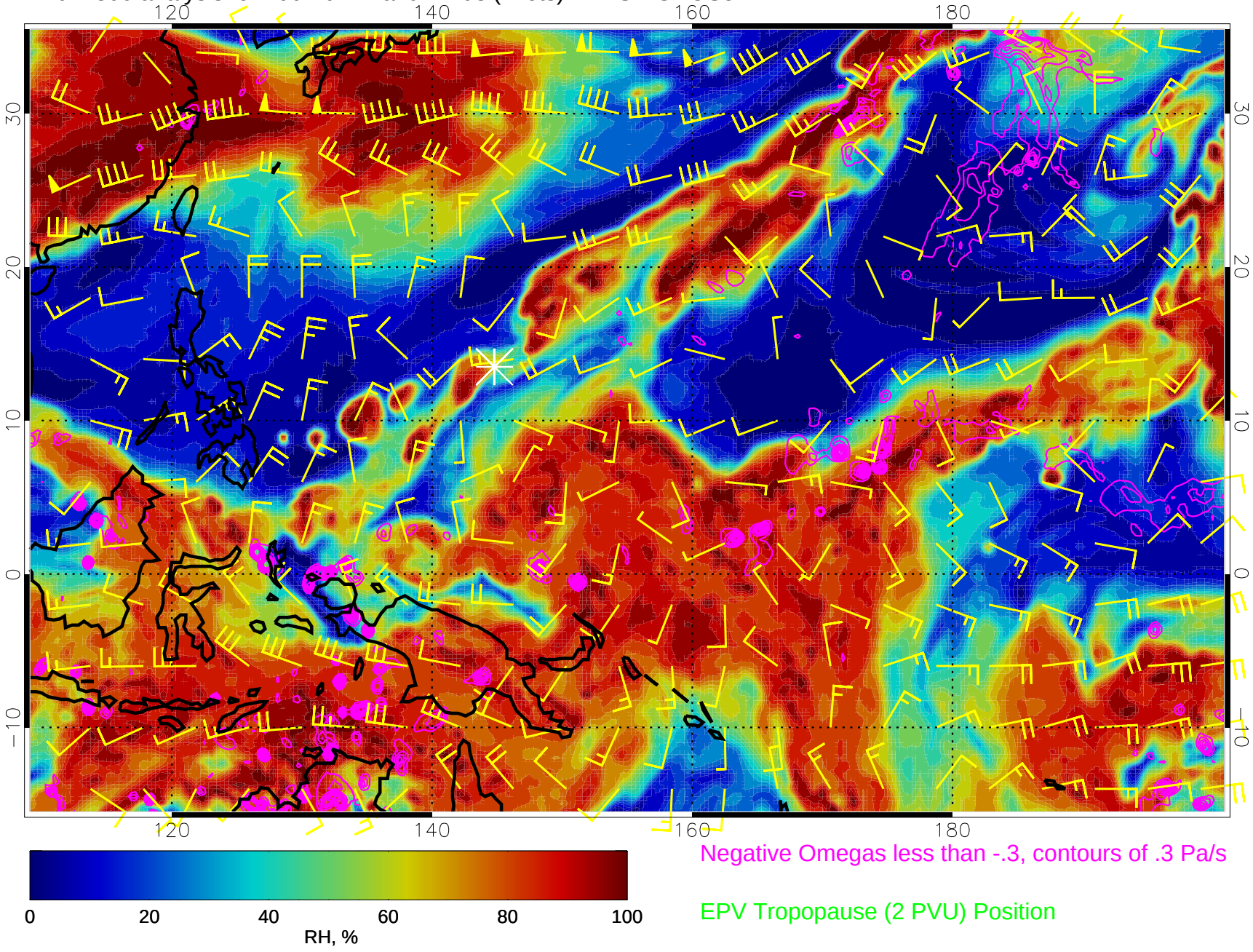
EPV Tropopause (2 PVU) Position

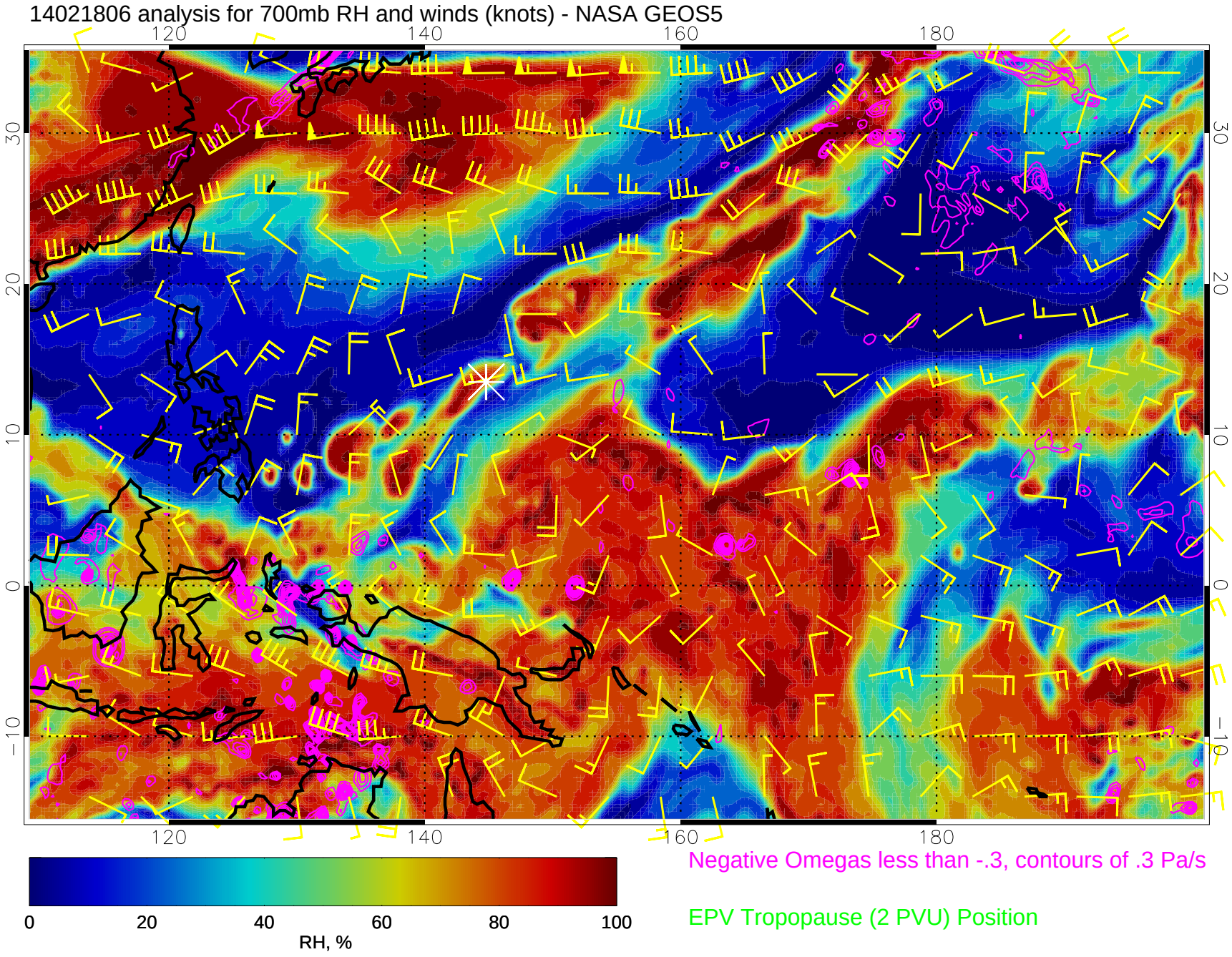

14021712 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14021718 analysis for 700mb RH and winds (knots) - NASA GEOS5

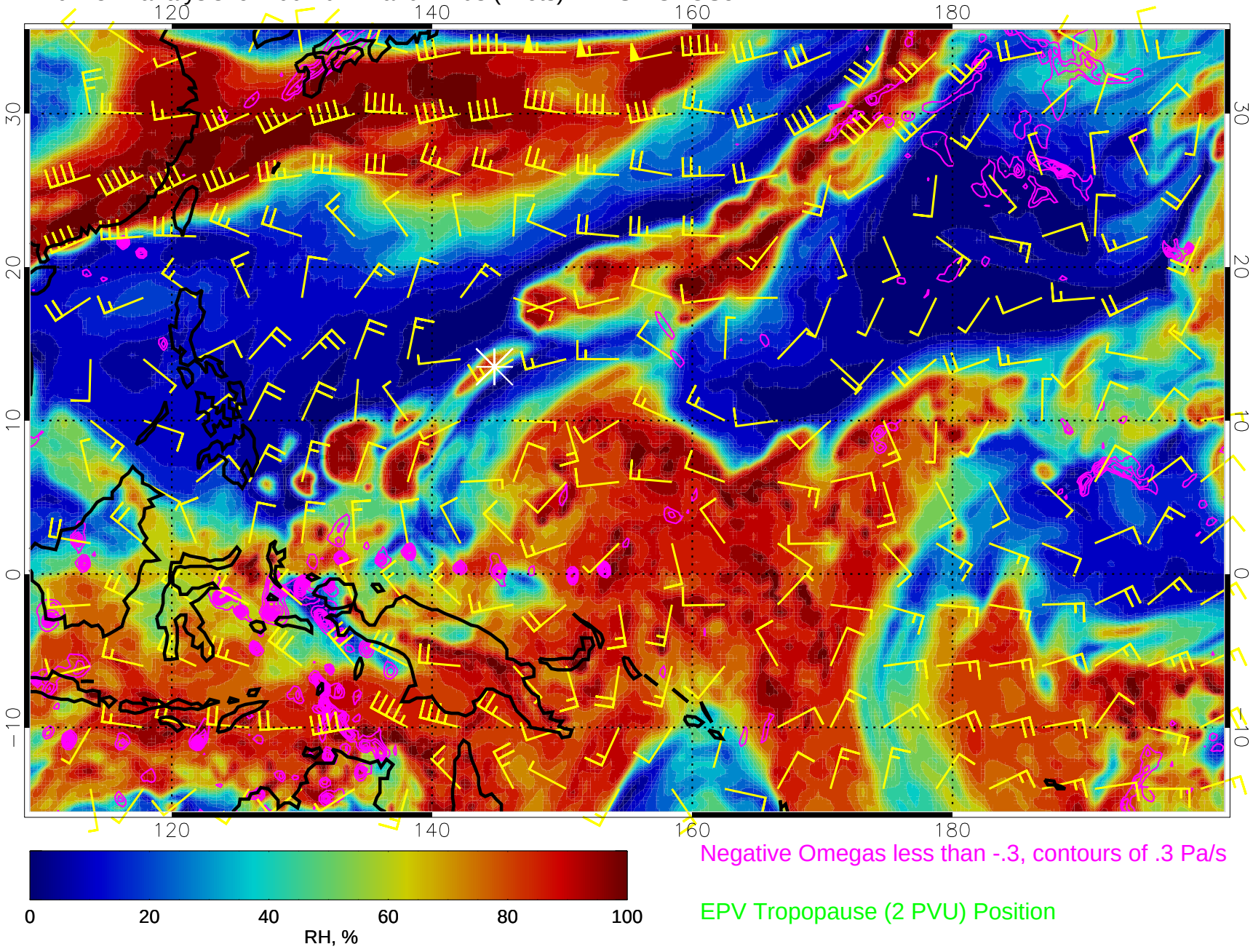


14021800 analysis for 700mb RH and winds (knots) - NASA GEOS5




14021806 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14021812 analysis for 700mb RH and winds (knots) - NASA GEOS5



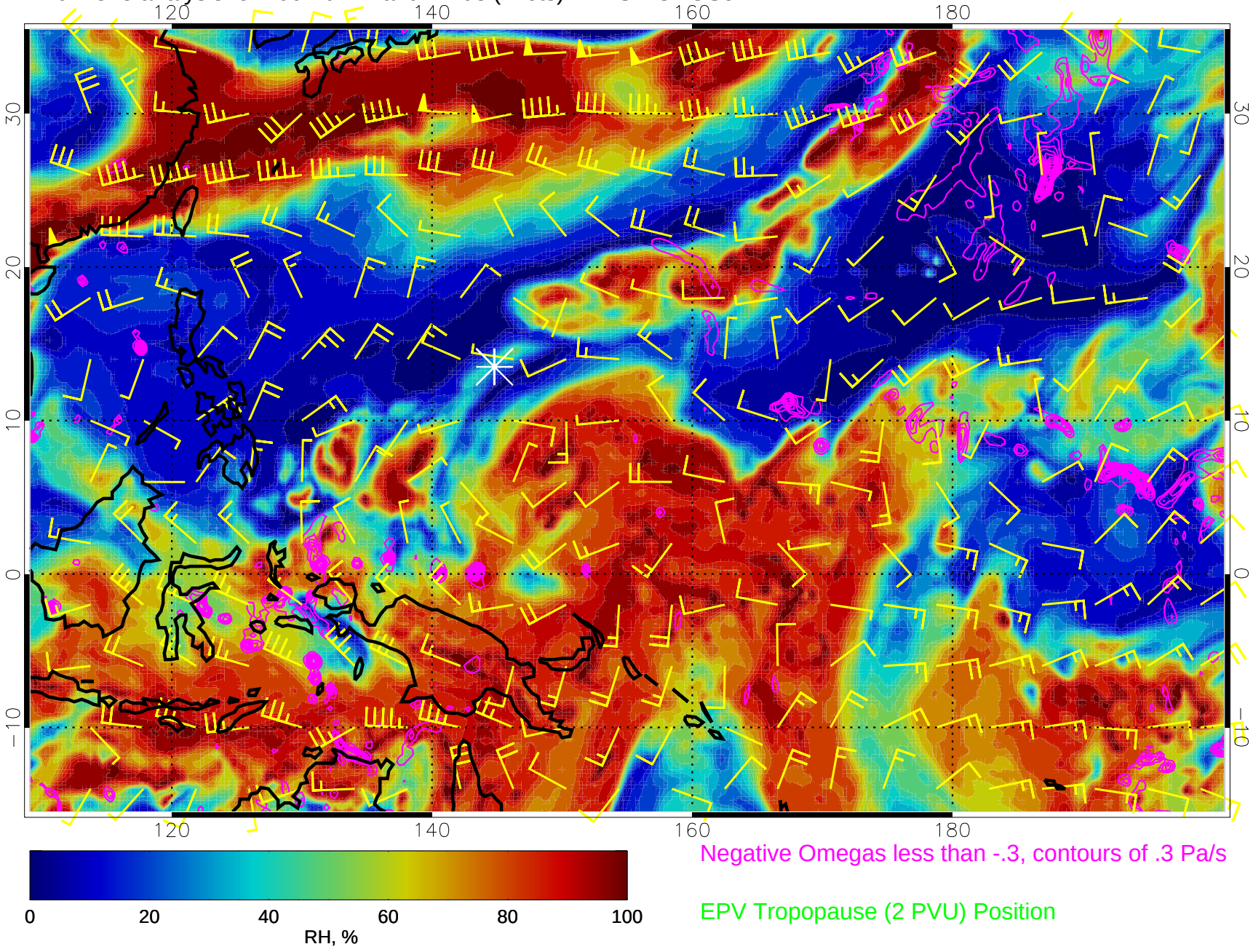
0 20 40 60 80 100

RH, %

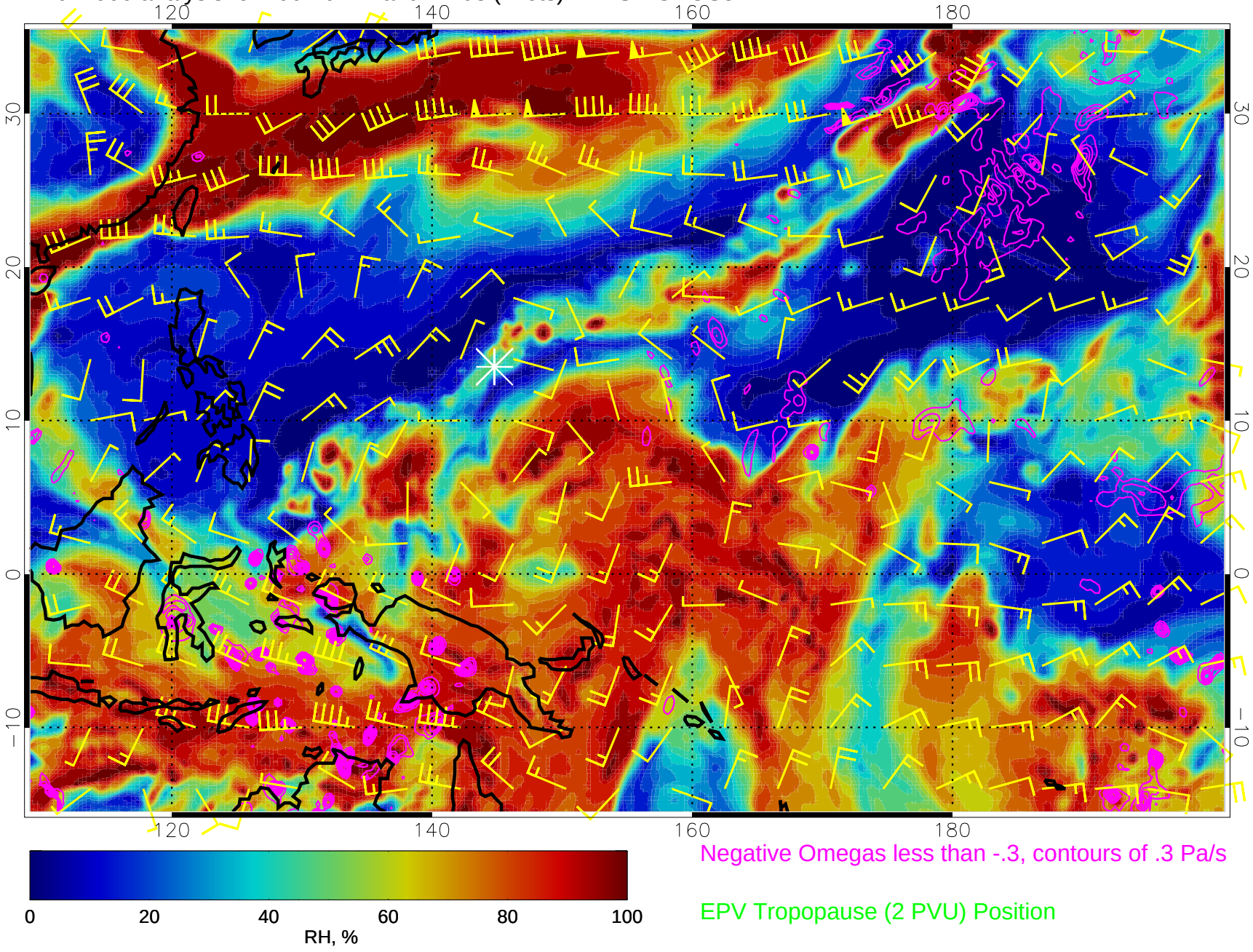
Negative Omegas less than -.3, contours of .3 Pa/s

EPV Tropopause (2 PVU) Position

14021818 analysis for 700mb RH and winds (knots) - NASA GEOS5



14021900 analysis for 700mb RH and winds (knots) - NASA GEOS5



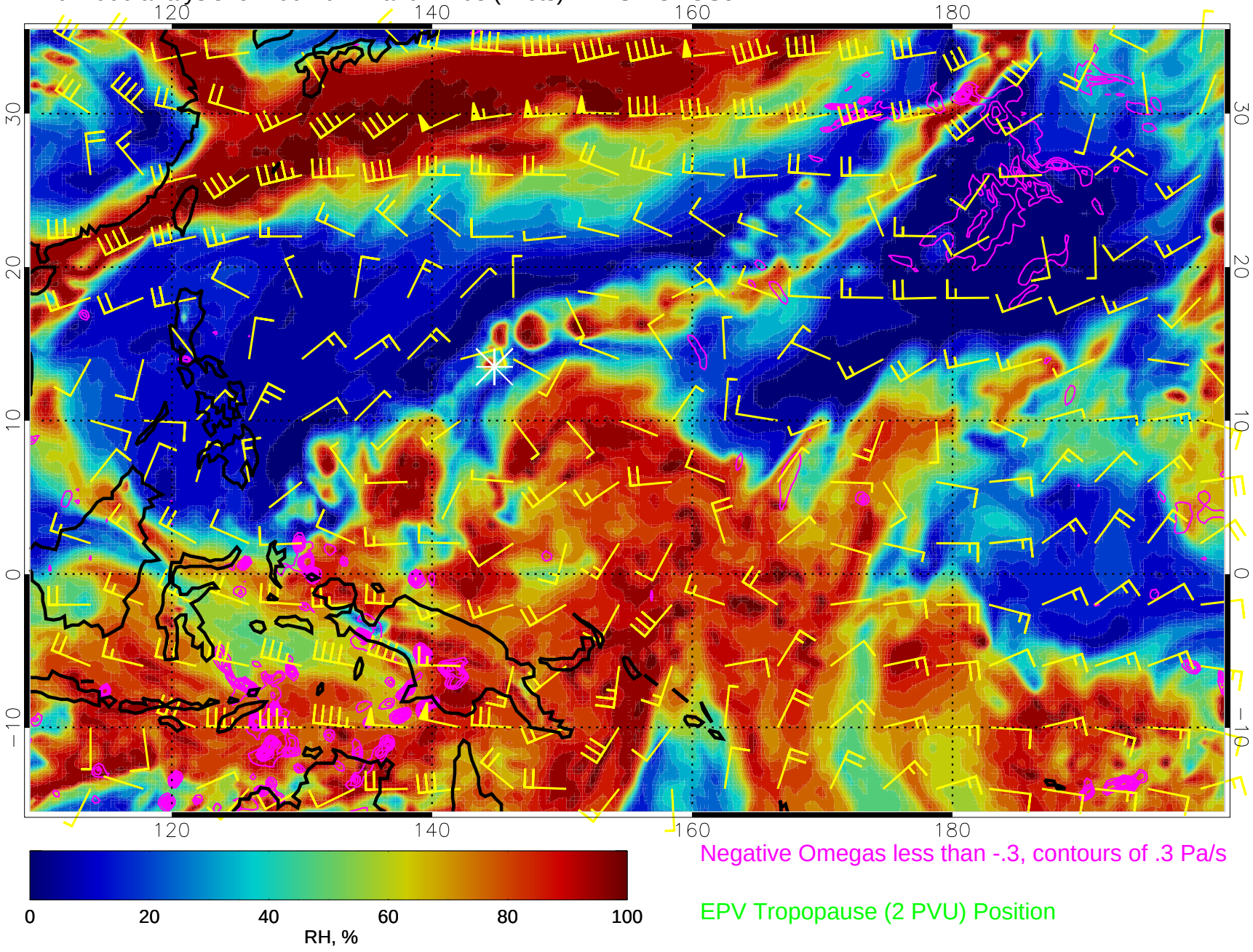
0 20 40 60 80 100

RH, %

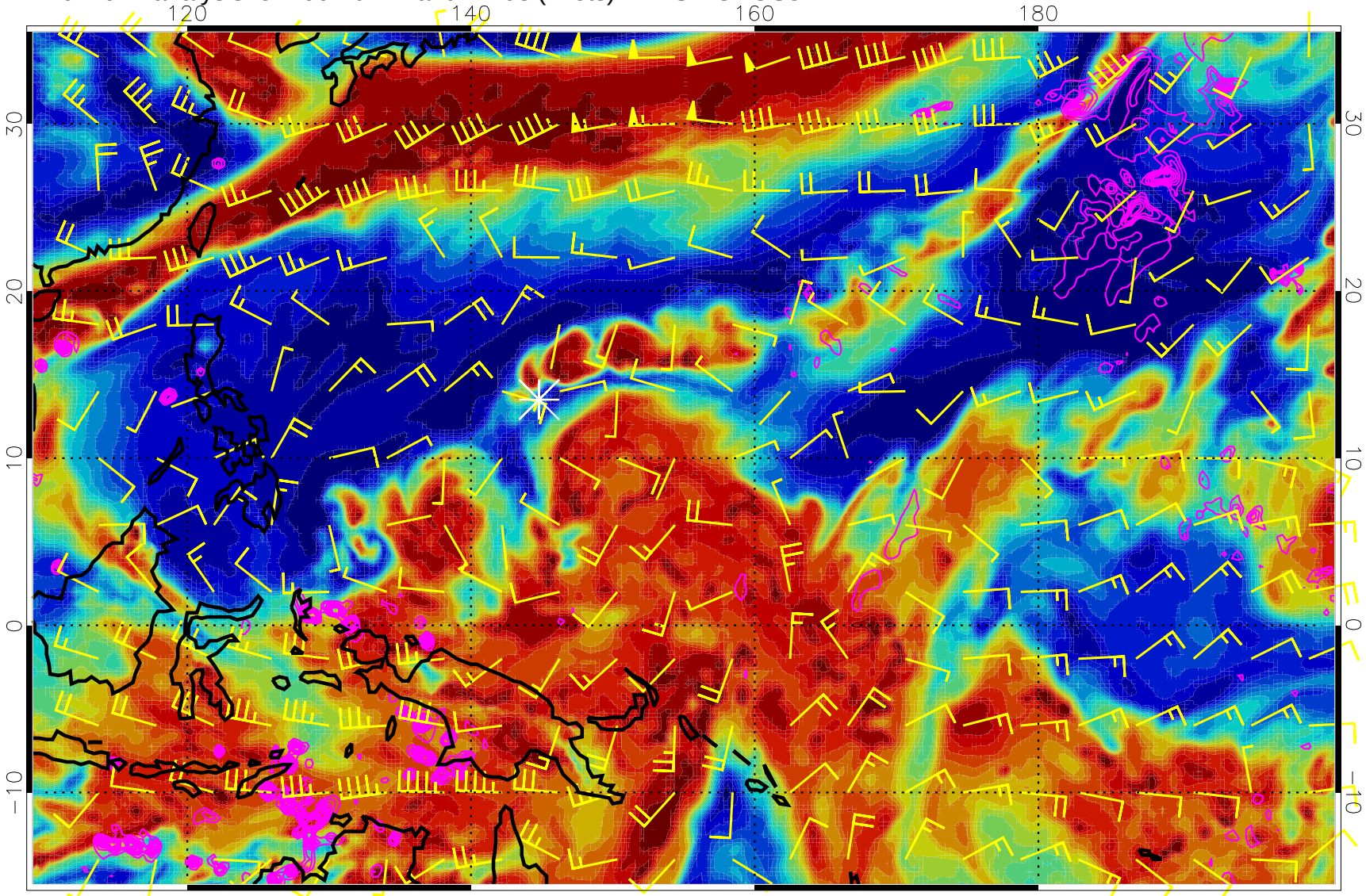
Negative Omegas less than -.3, contours of .3 Pa/s

EPV Tropopause (2 PVU) Position

14021906 analysis for 700mb RH and winds (knots) - NASA GEOS5



14021912 analysis for 700mb RH and winds (knots) - NASA GEOS5



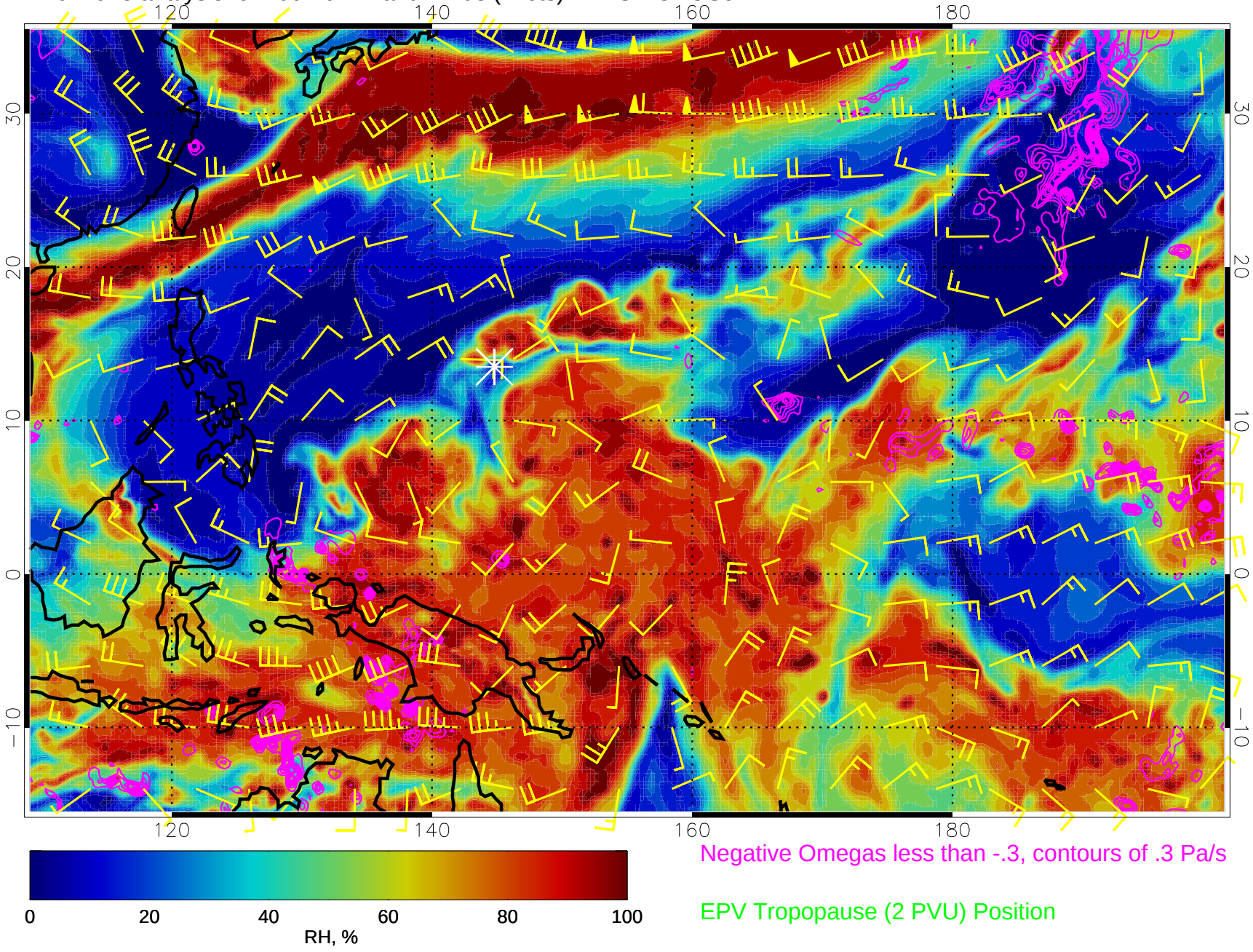
0 20 40 60 80 100

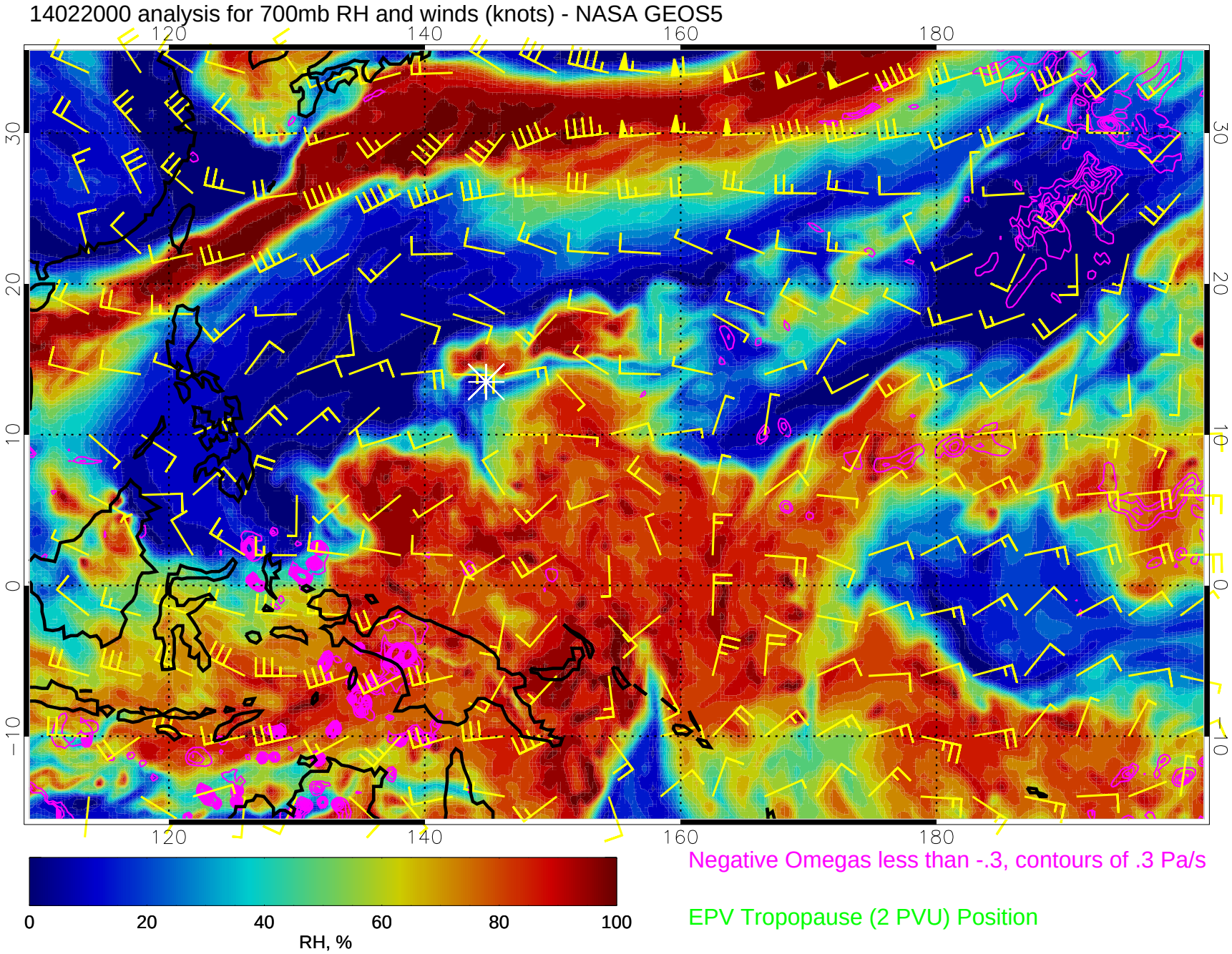
RH, %

Negative Omegas less than -.3, contours of .3 Pa/s

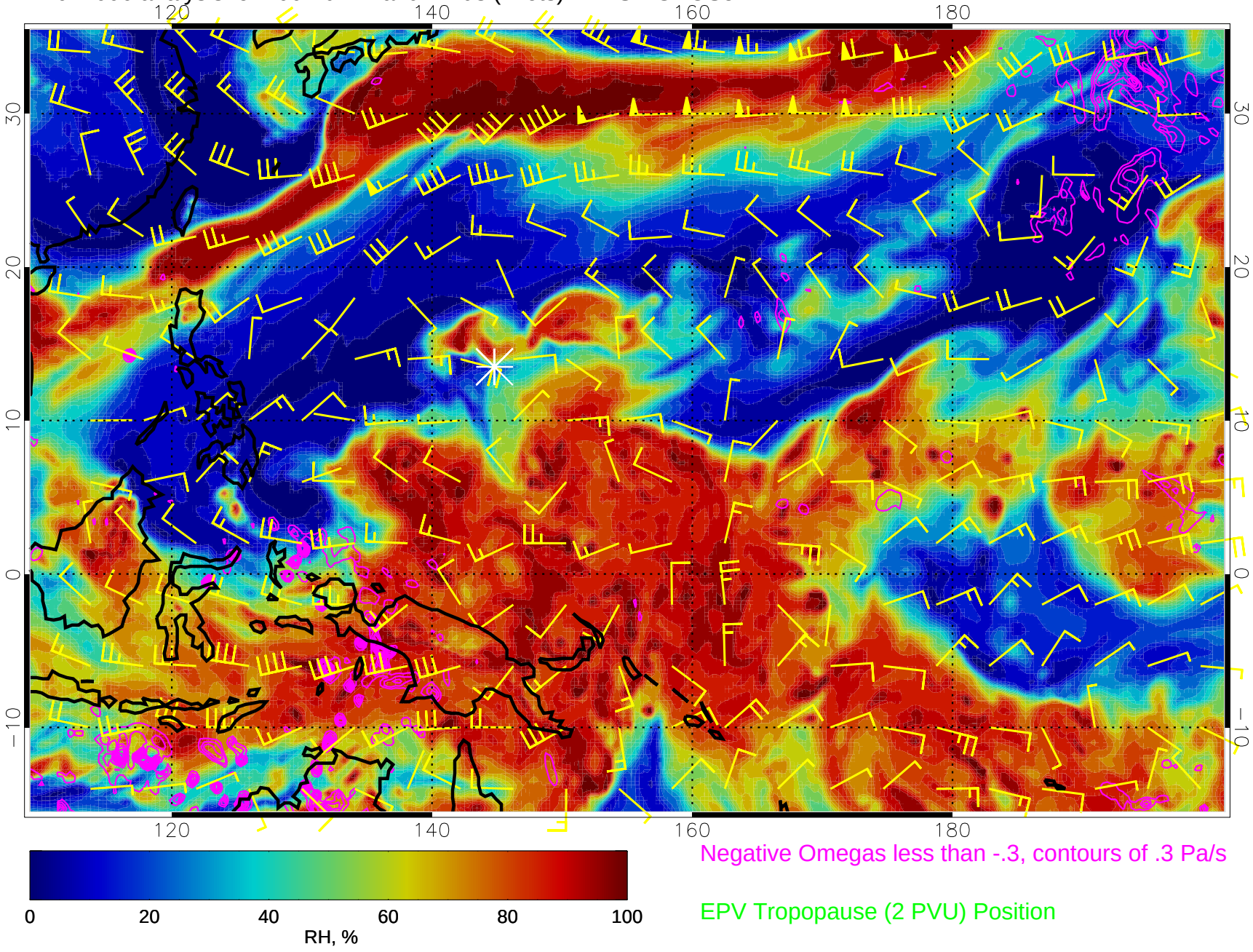
EPV Tropopause (2 PVU) Position

14021918 analysis for 700mb RH and winds (knots) - NASA GEOS5

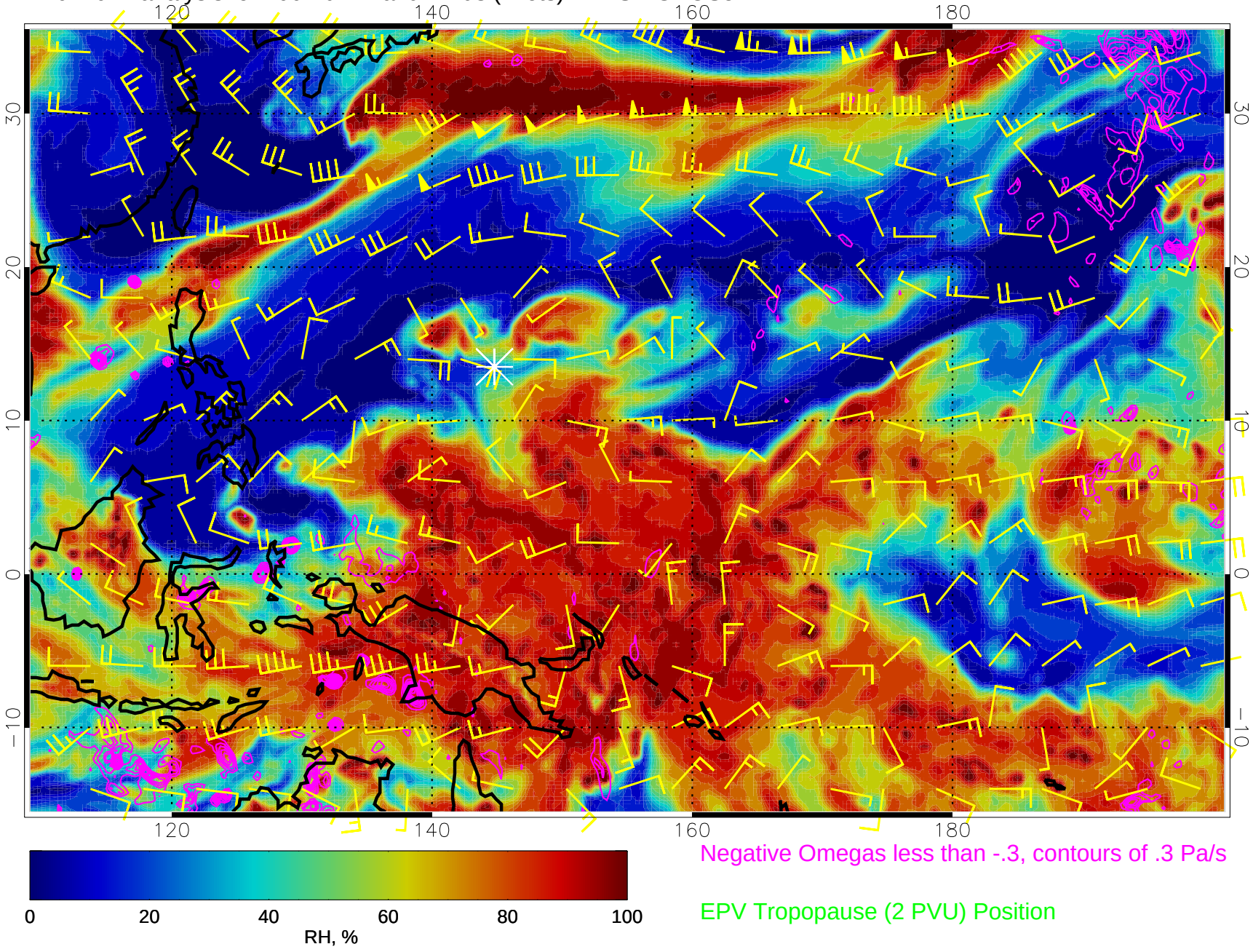



14022000 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

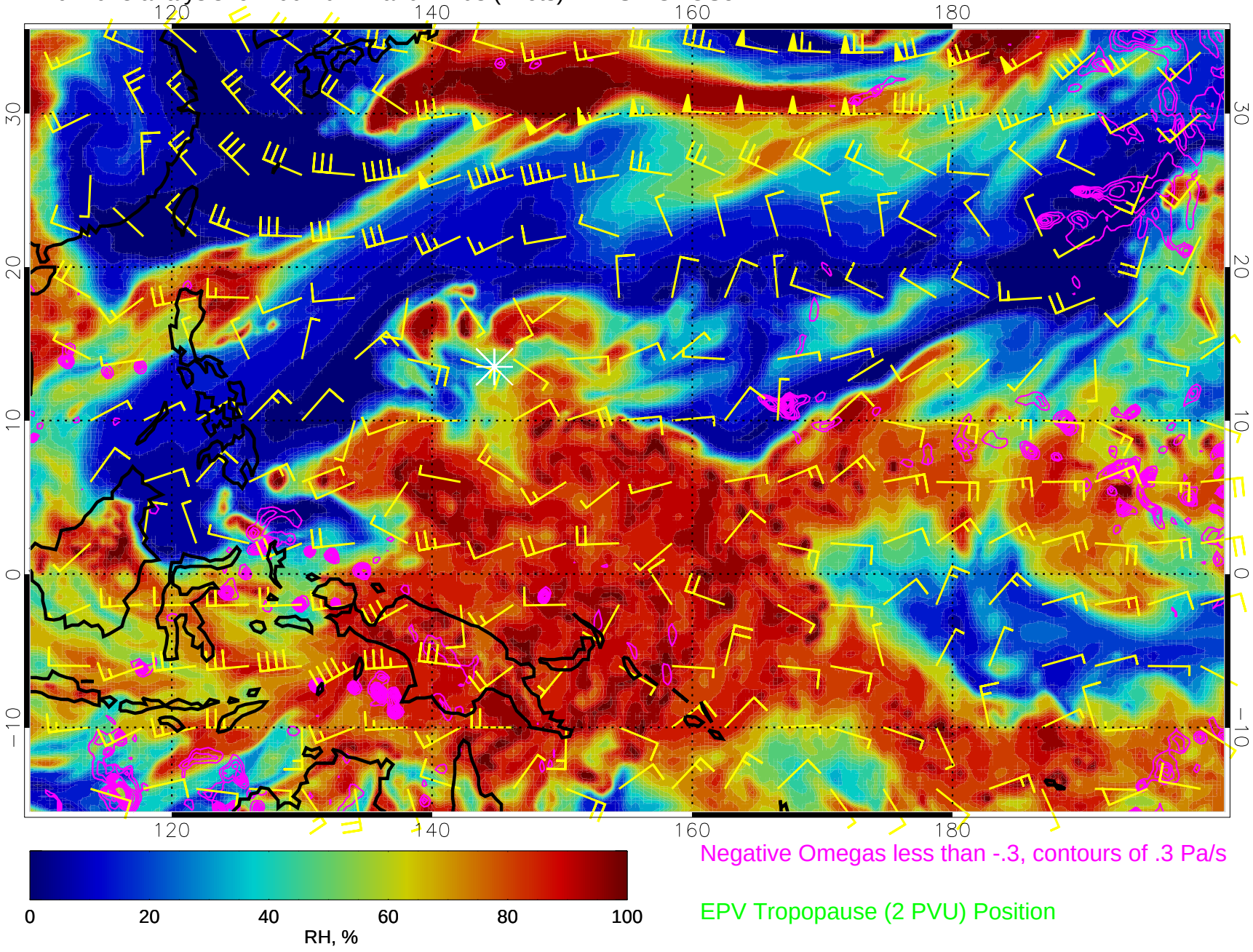
14022006 analysis for 700mb RH and winds (knots) - NASA GEOS5



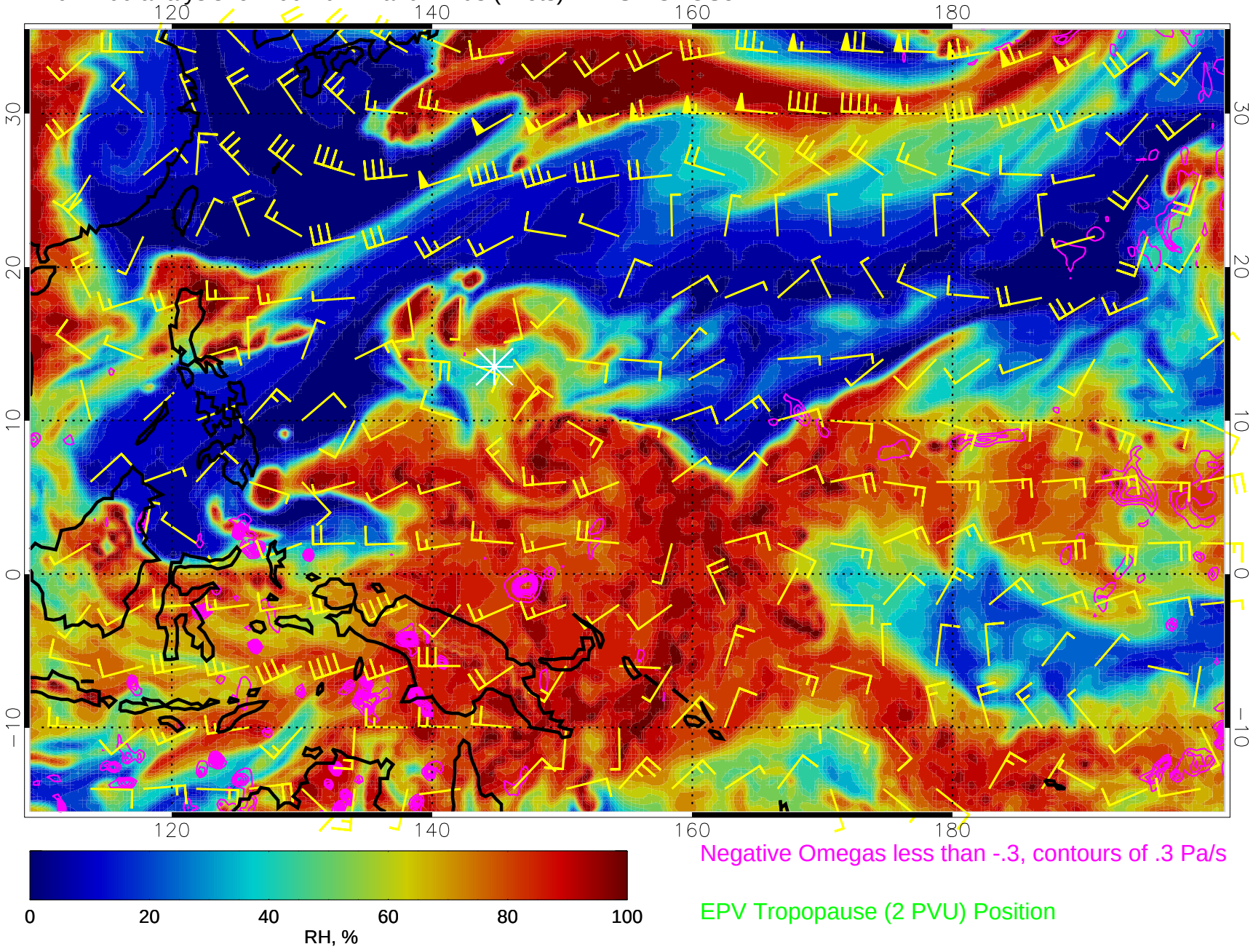
14022012 analysis for 700mb RH and winds (knots) - NASA GEOS5



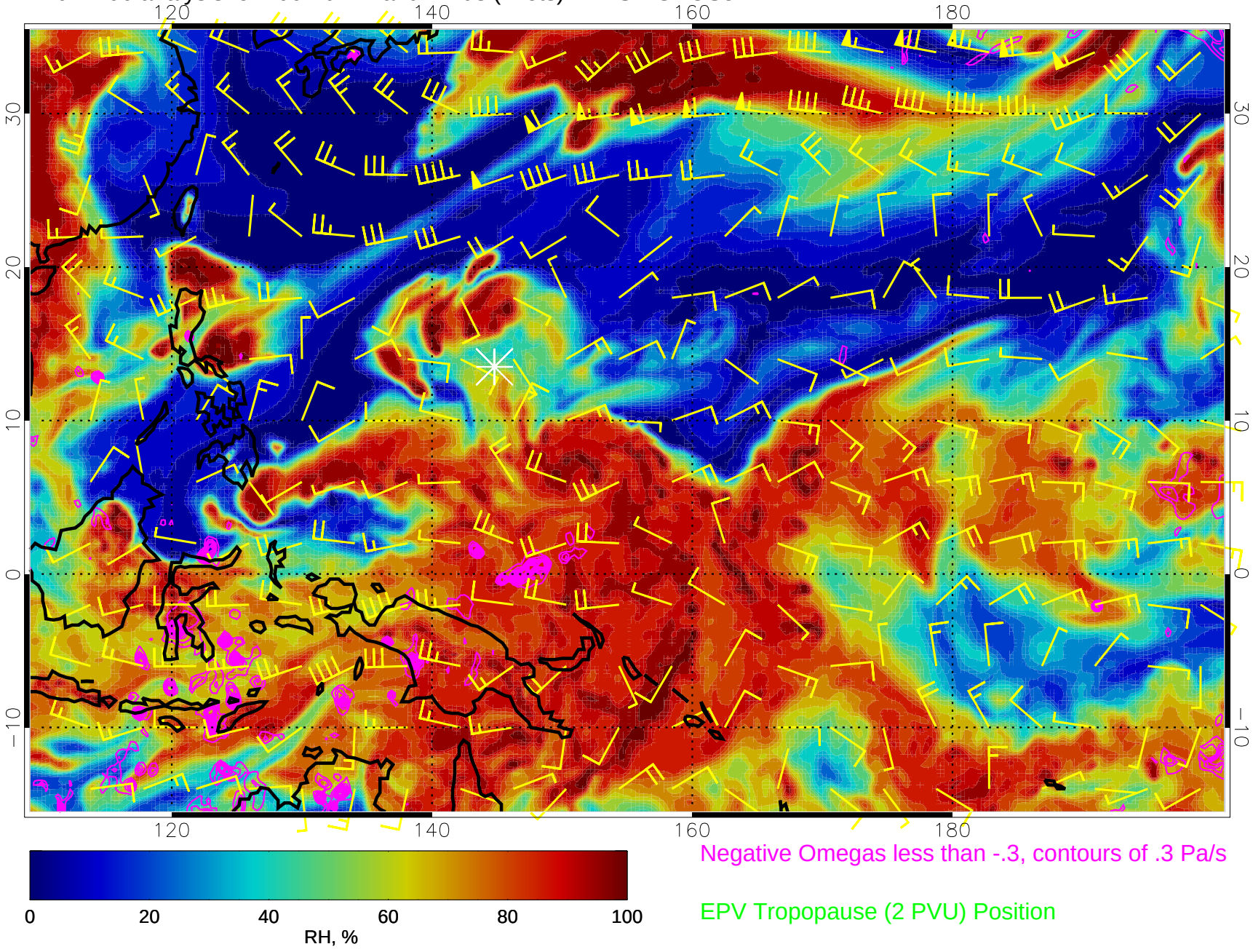
14022018 analysis for 700mb RH and winds (knots) - NASA GEOS5



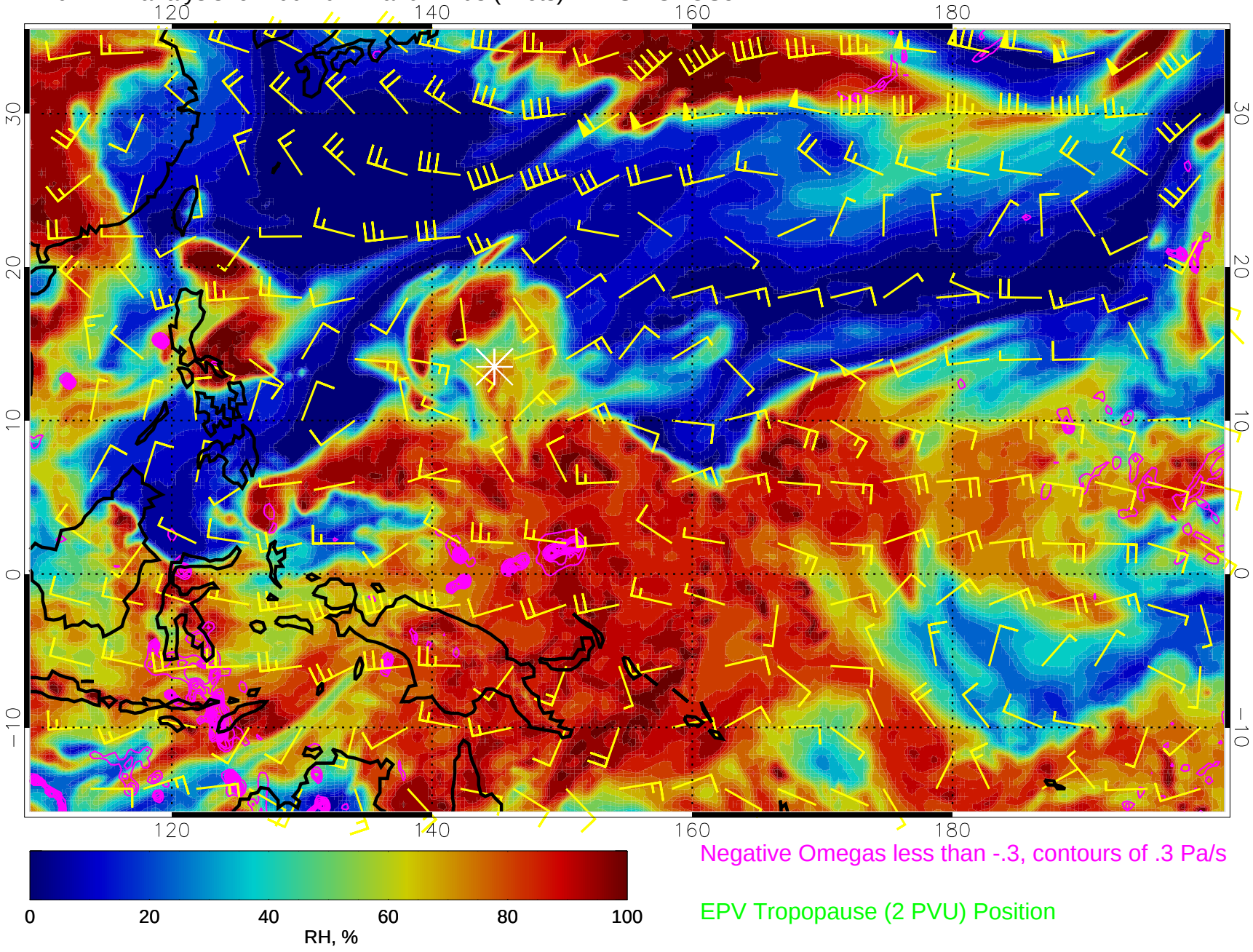
14022100 analysis for 700mb RH and winds (knots) - NASA GEOS5



14022106 analysis for 700mb RH and winds (knots) - NASA GEOS5

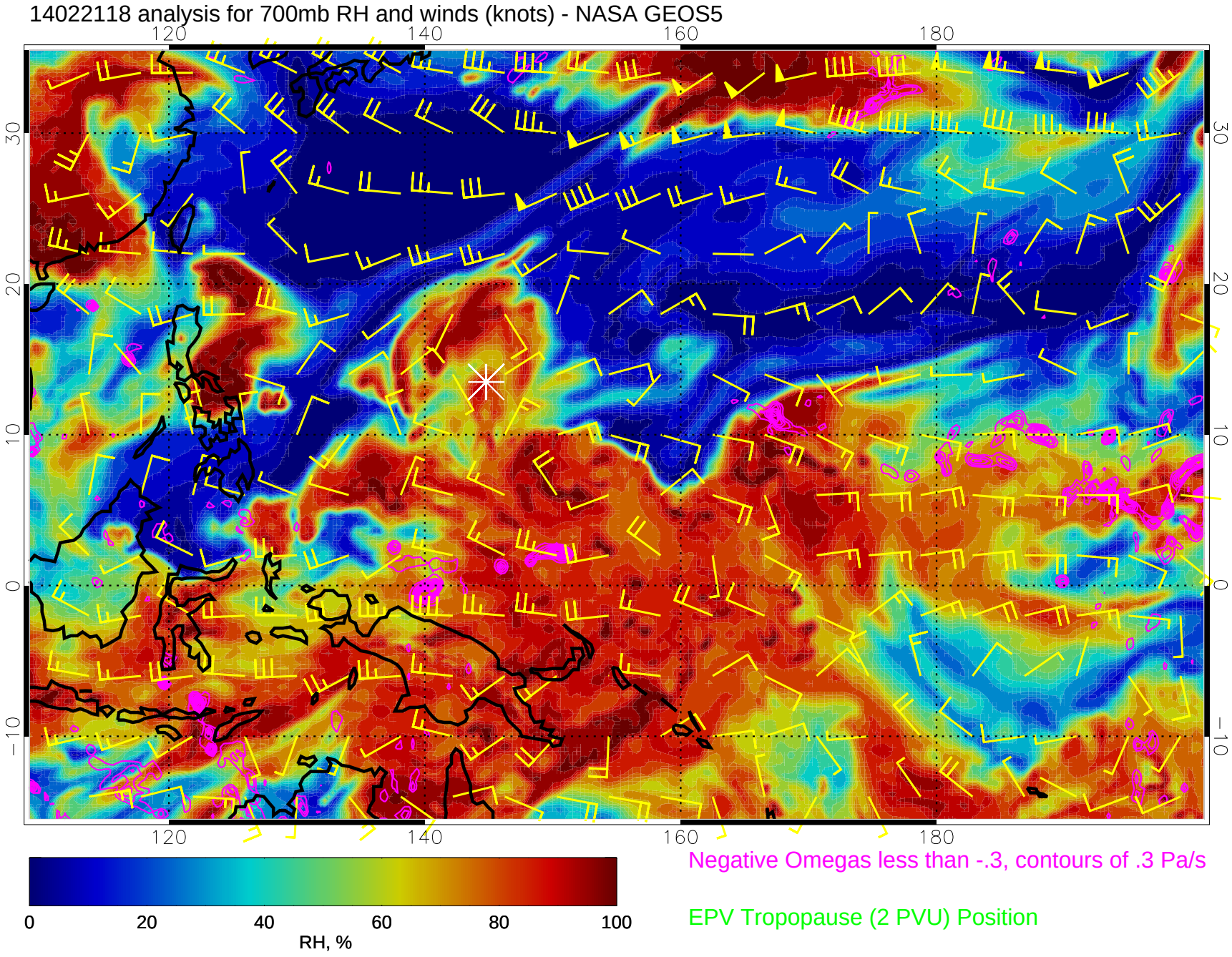


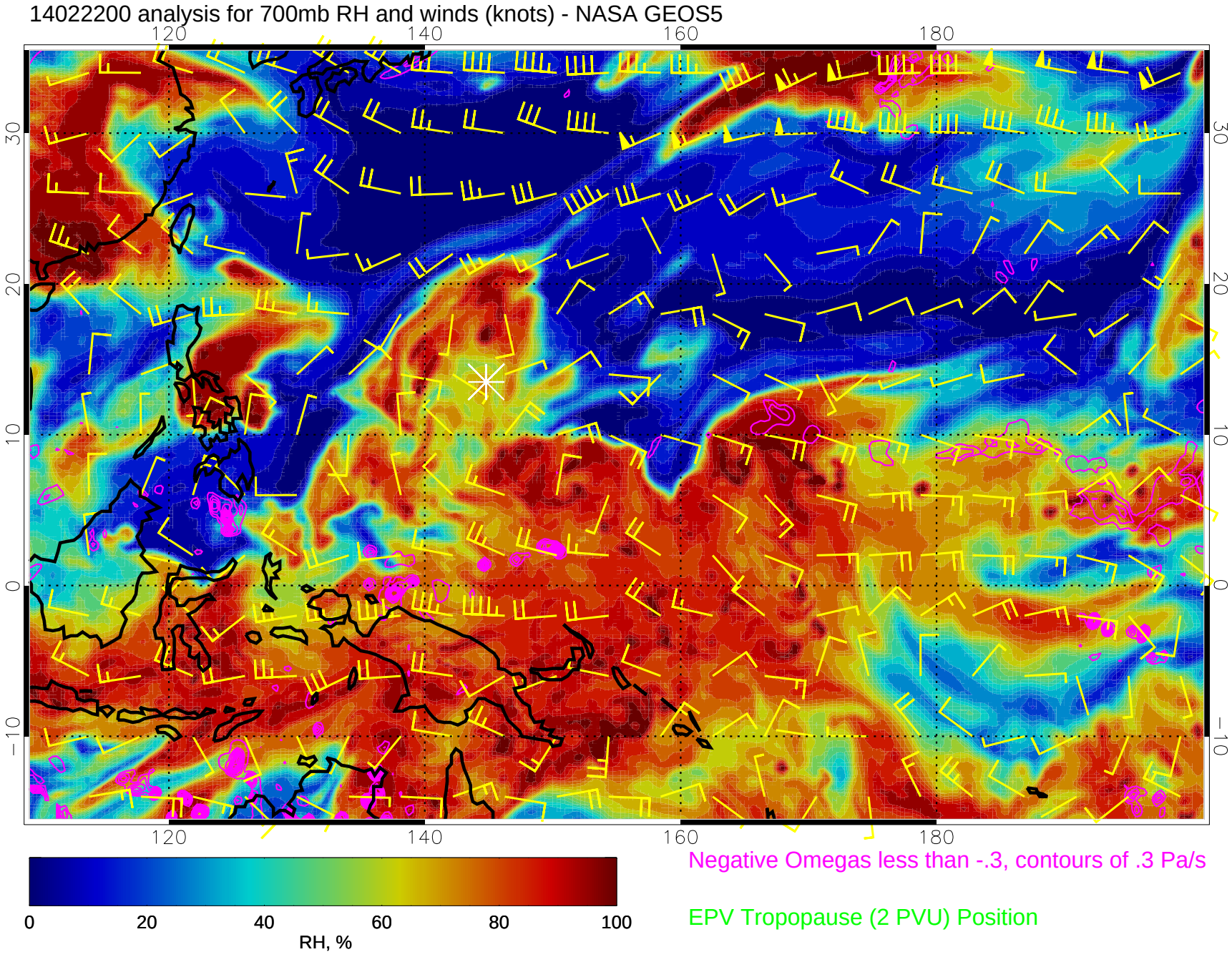
14022112 analysis for 700mb RH and winds (knots) - NASA GEOS5



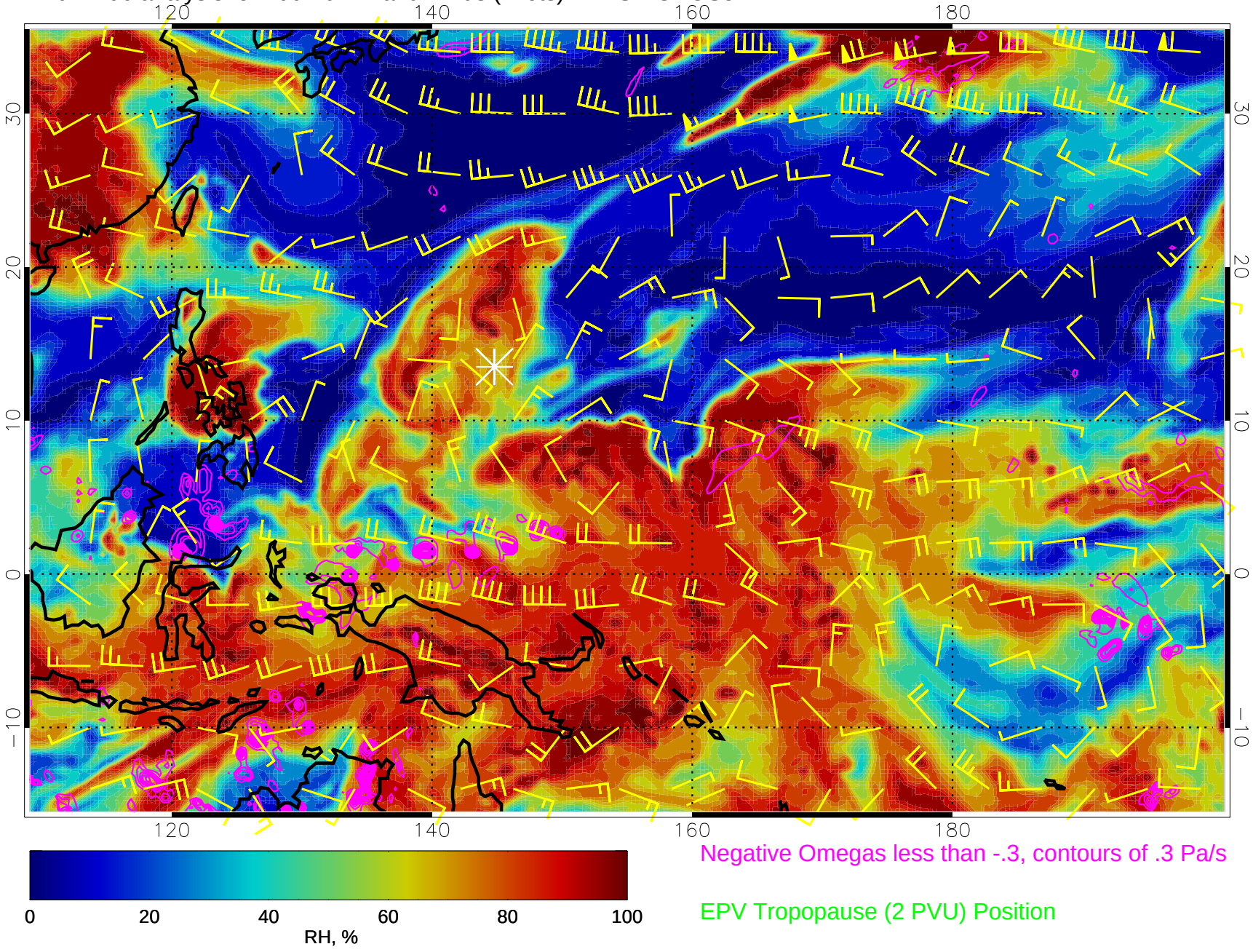
Negative Omegas less than -.3, contours of .3 Pa/s

EPV Tropopause (2 PVU) Position

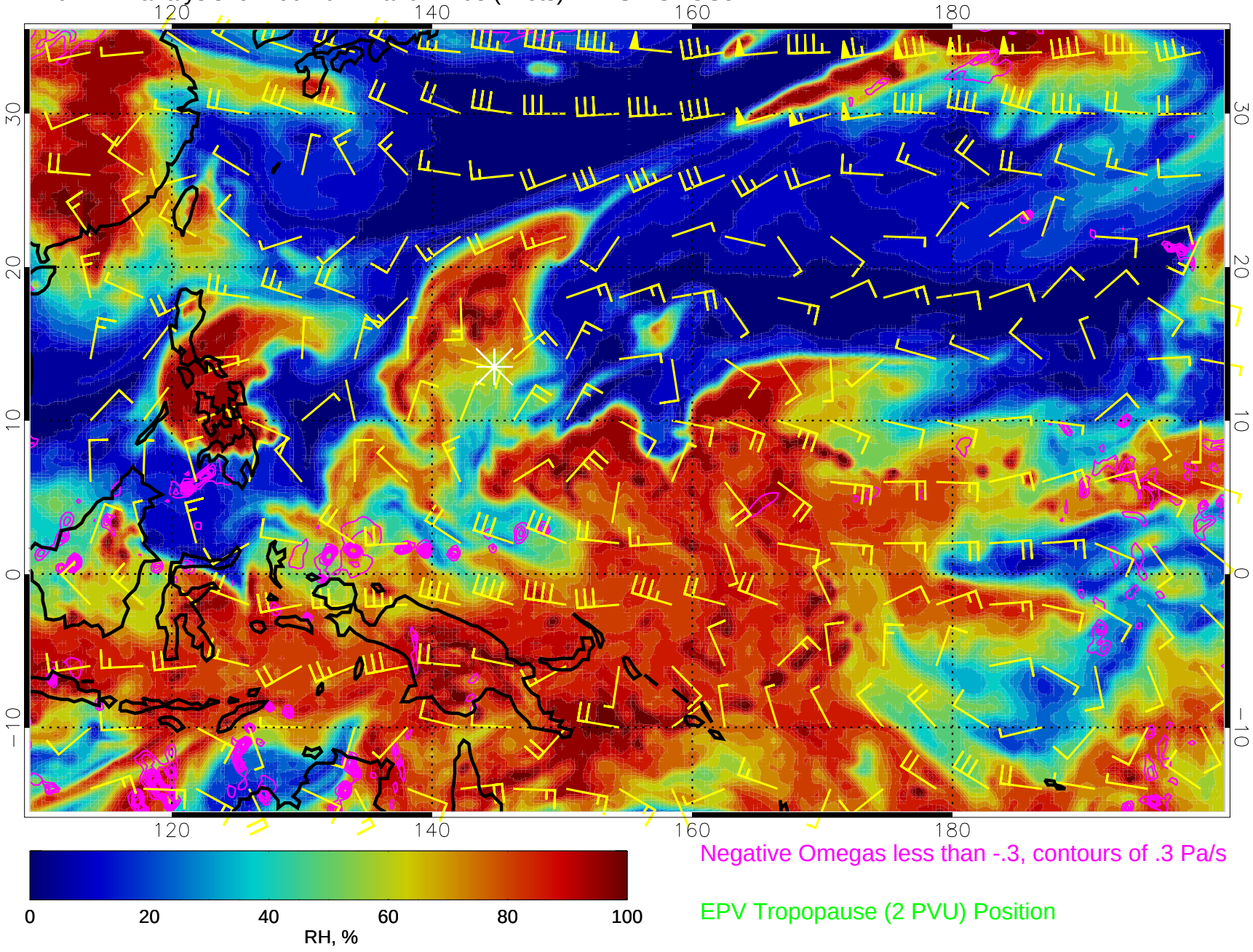

14022118 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

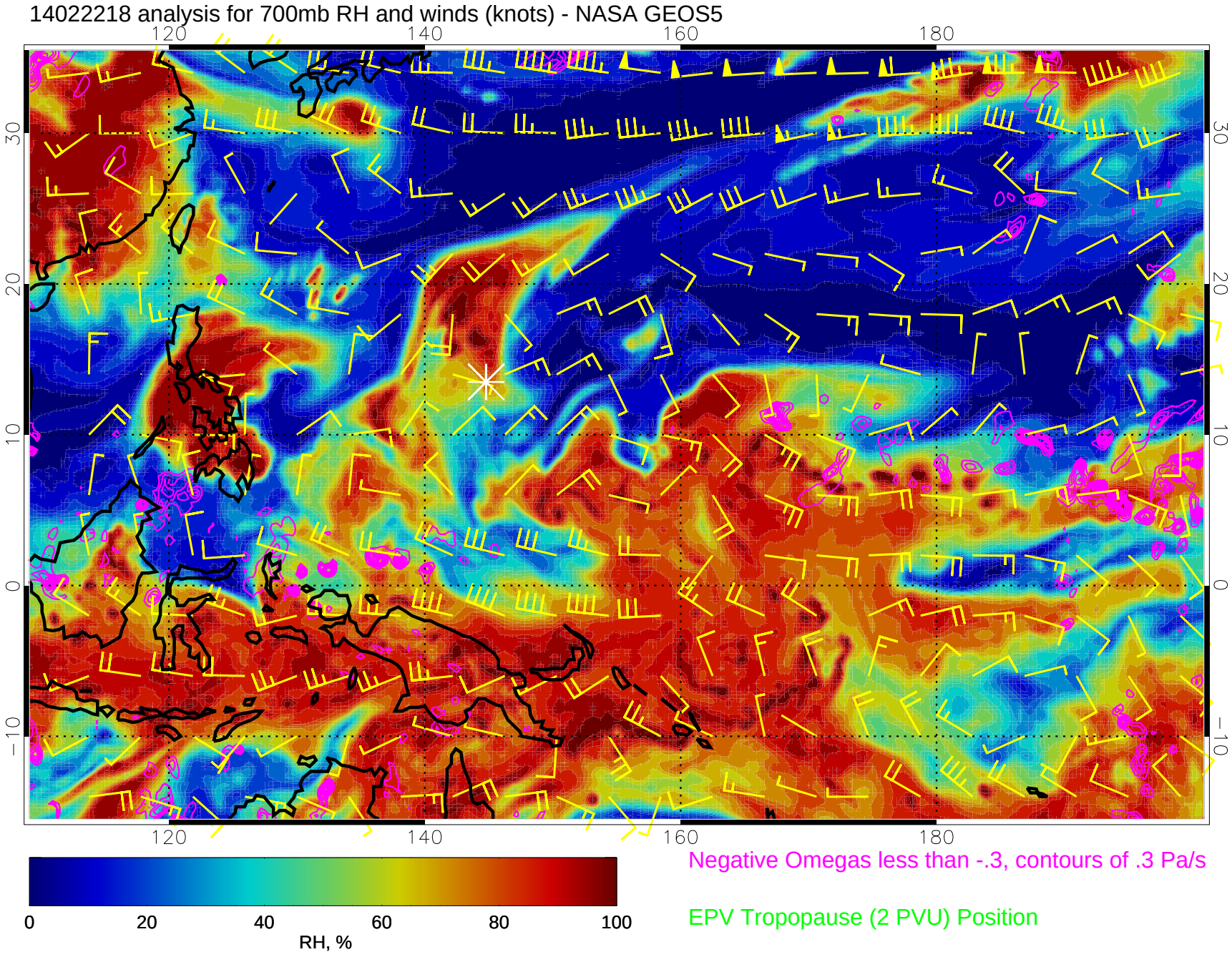

14022200 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14022206 analysis for 700mb RH and winds (knots) - NASA GEOS5

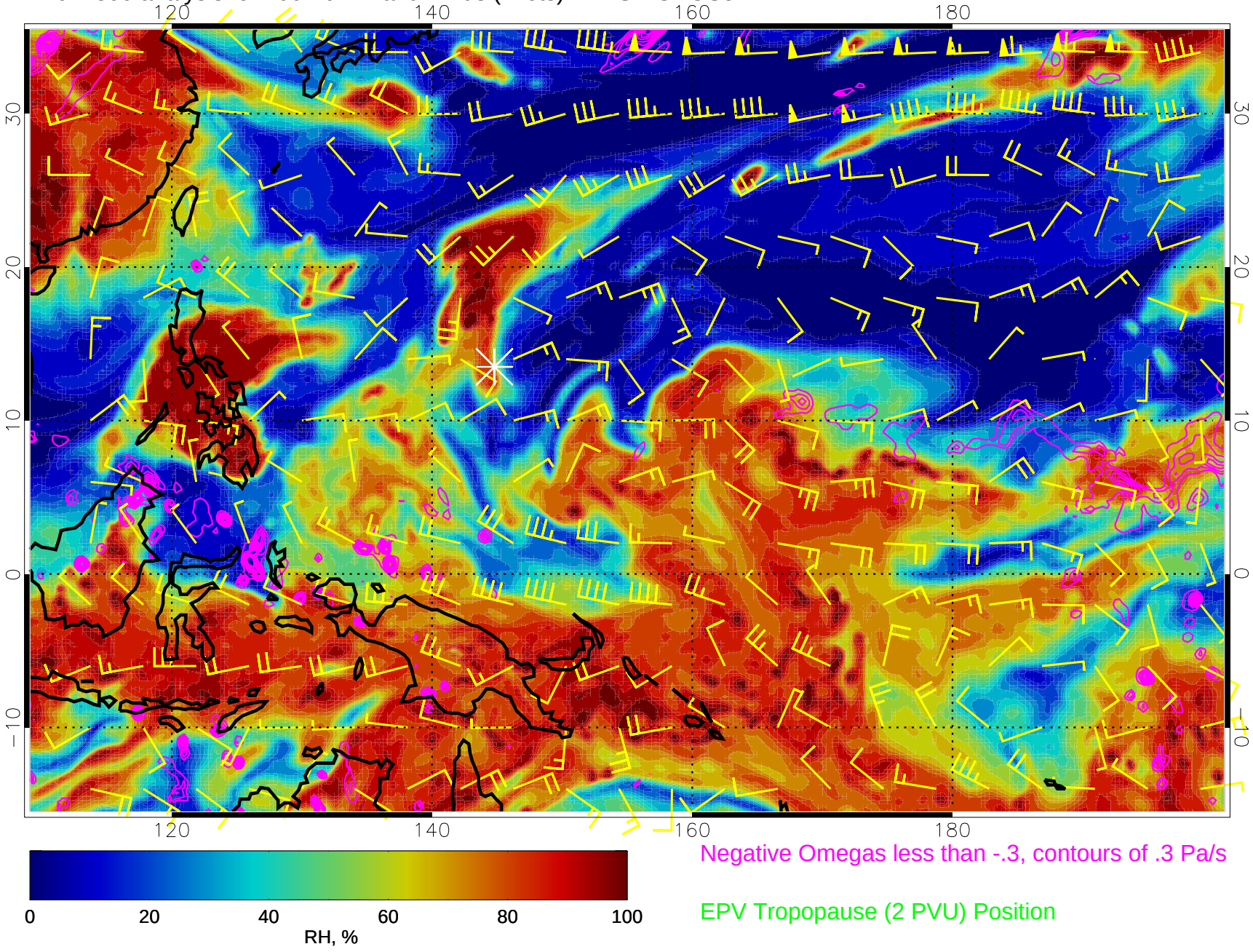


14022212 analysis for 700mb RH and winds (knots) - NASA GEOS5

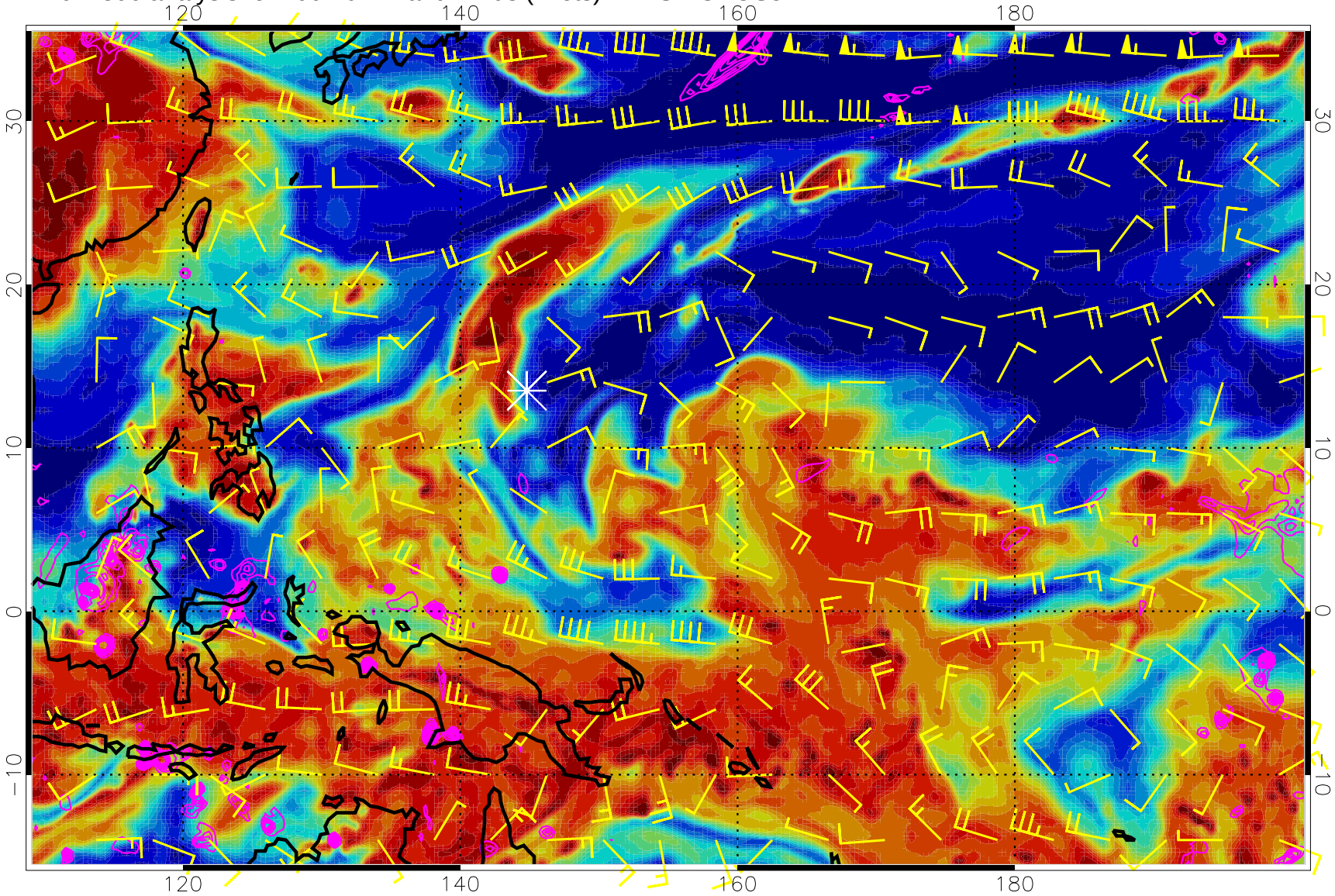



14022218 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

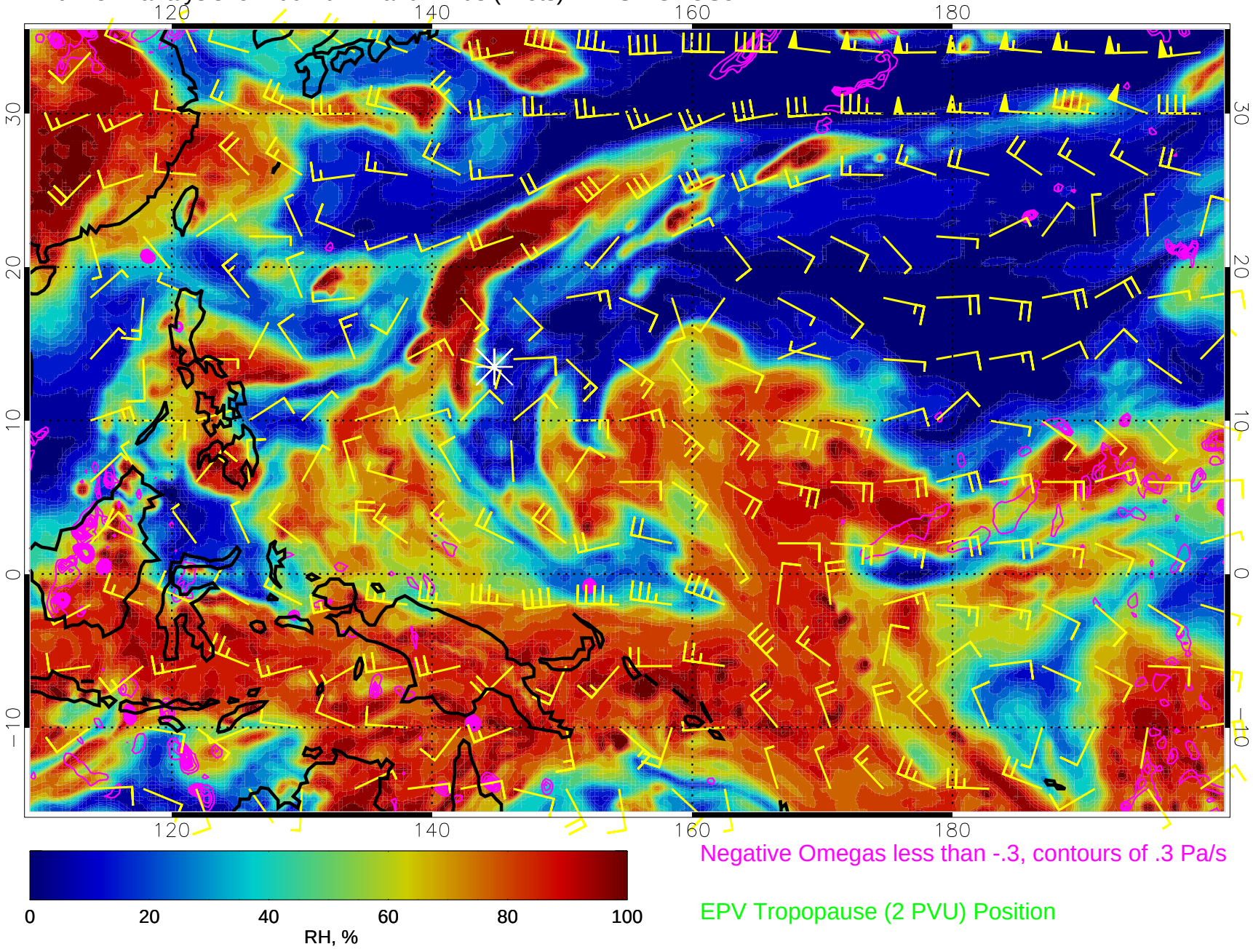
14022300 analysis for 700mb RH and winds (knots) - NASA GEOS5



14022306 analysis for 700mb RH and winds (knots) - NASA GEOS5



14022312 analysis for 700mb RH and winds (knots) - NASA GEOS5



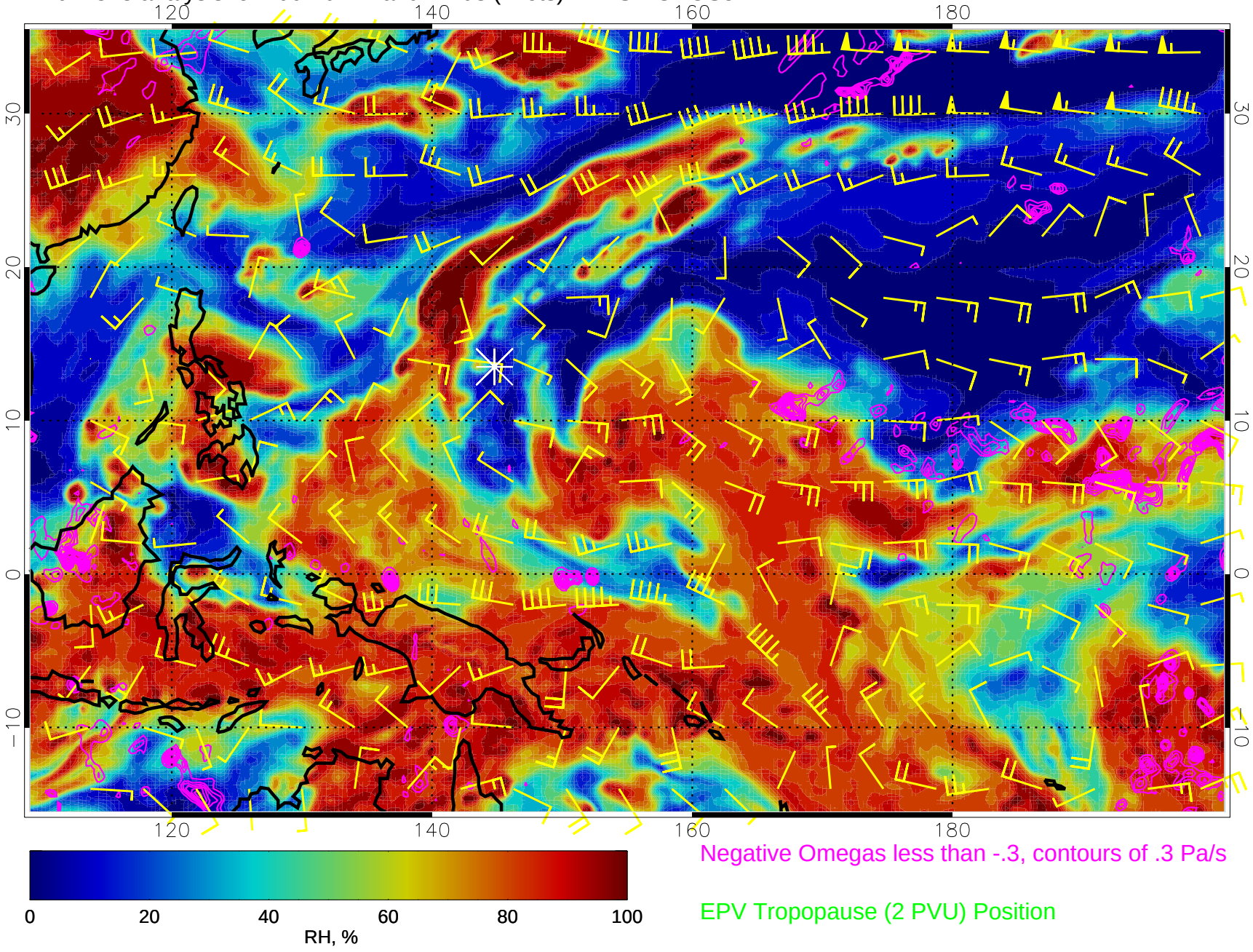
0 20 40 60 80 100

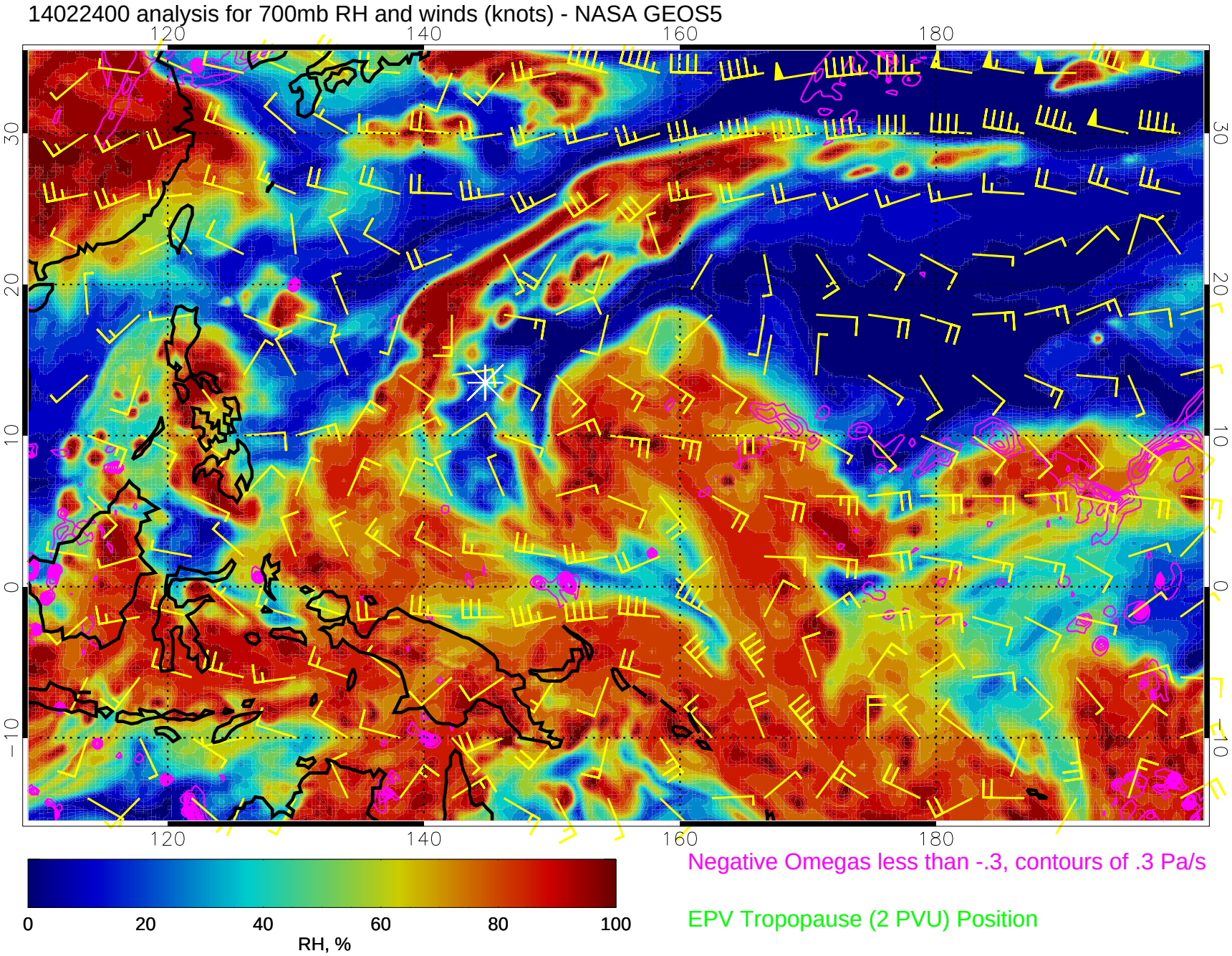
RH, %

Negative Omegas less than -.3, contours of .3 Pa/s

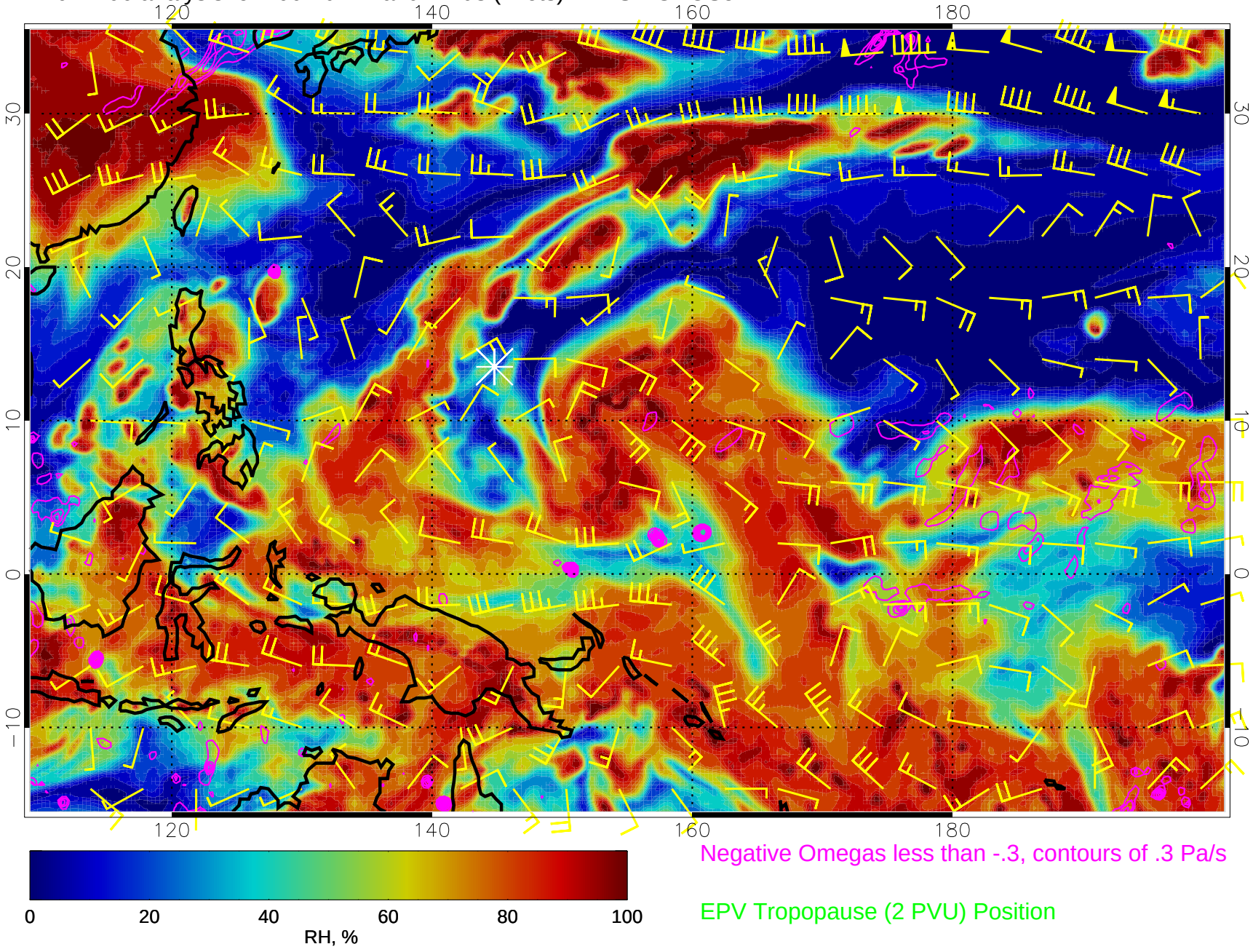
EPV Tropopause (2 PVU) Position

14022318 analysis for 700mb RH and winds (knots) - NASA GEOS5

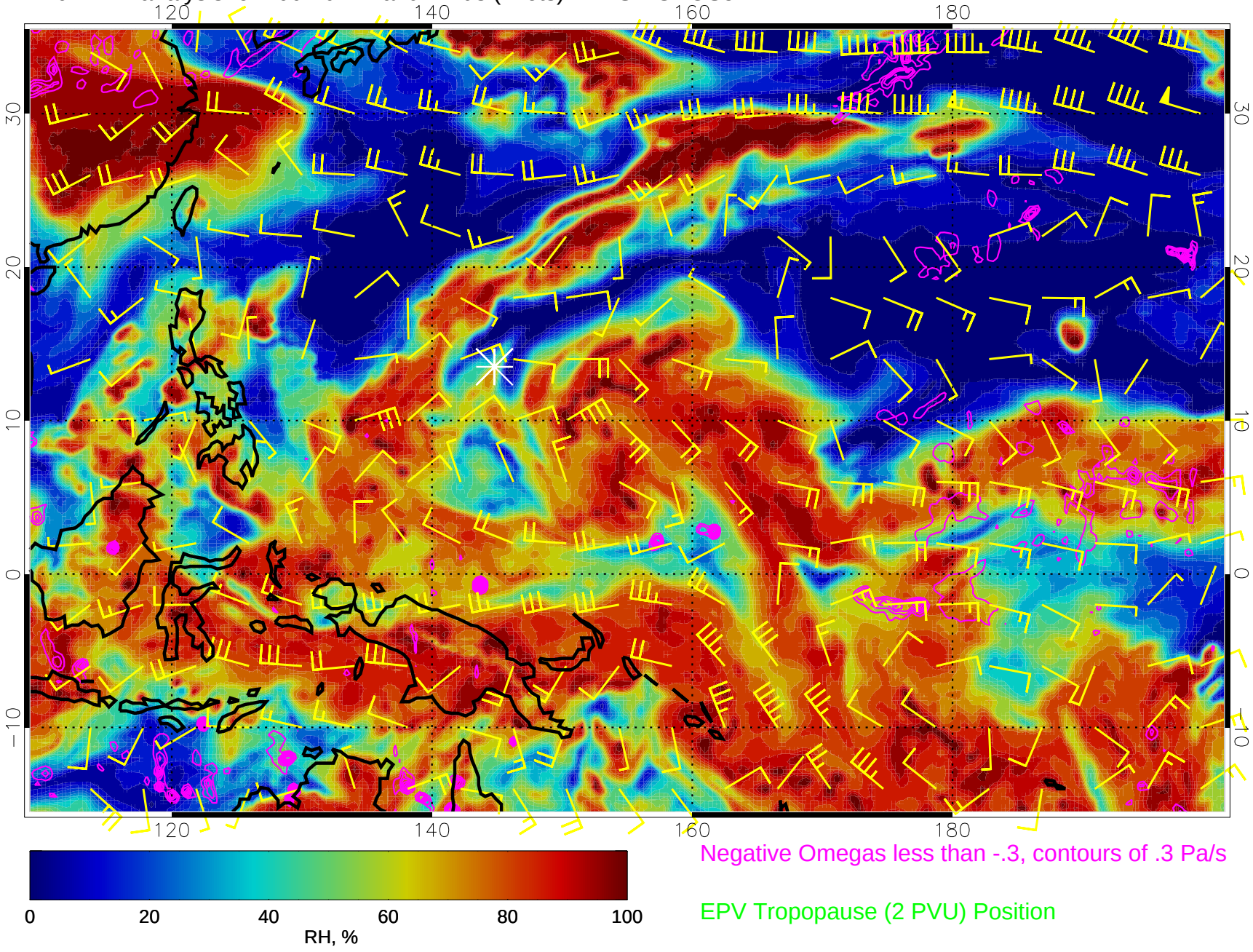



14022400 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

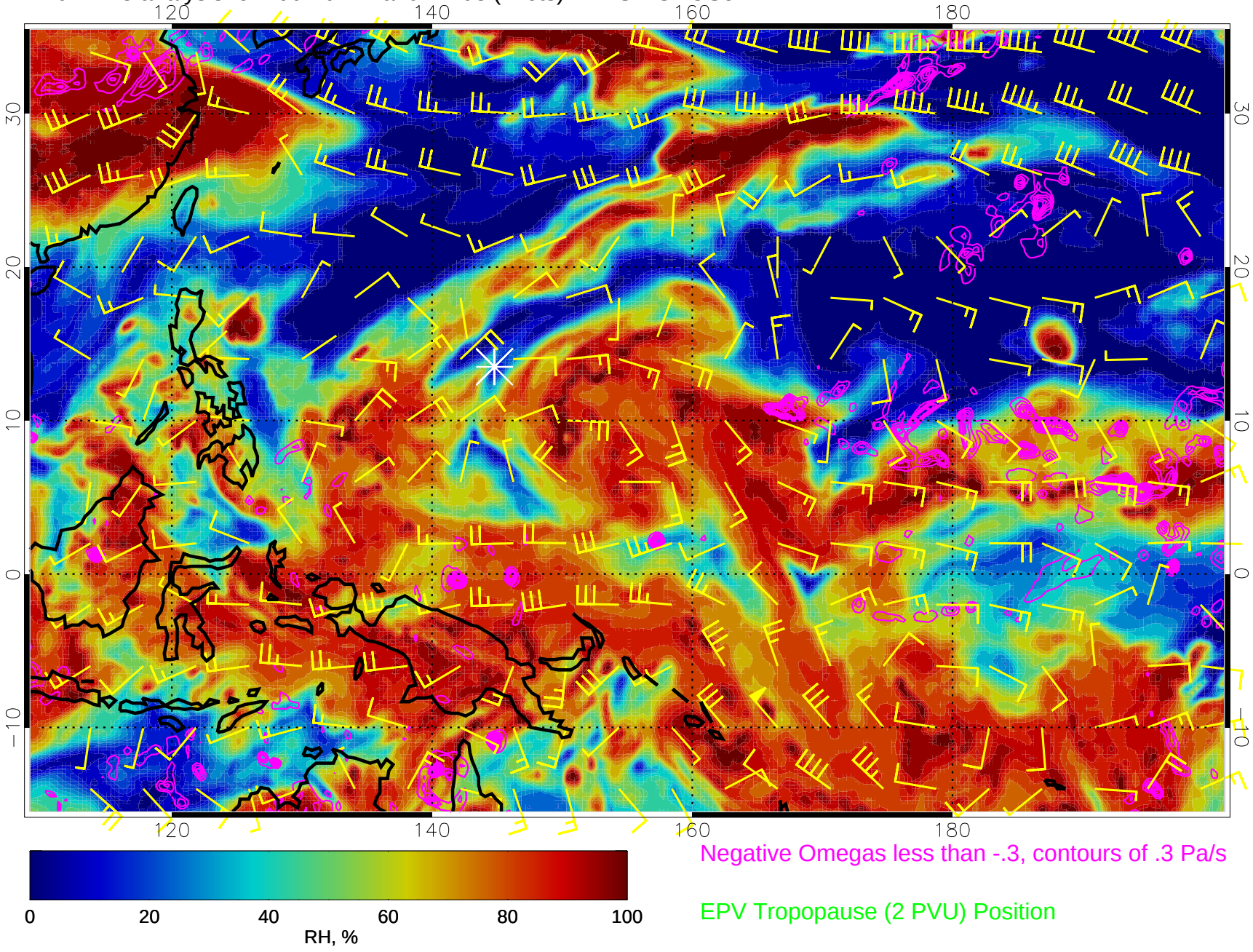
14022406 analysis for 700mb RH and winds (knots) - NASA GEOS5



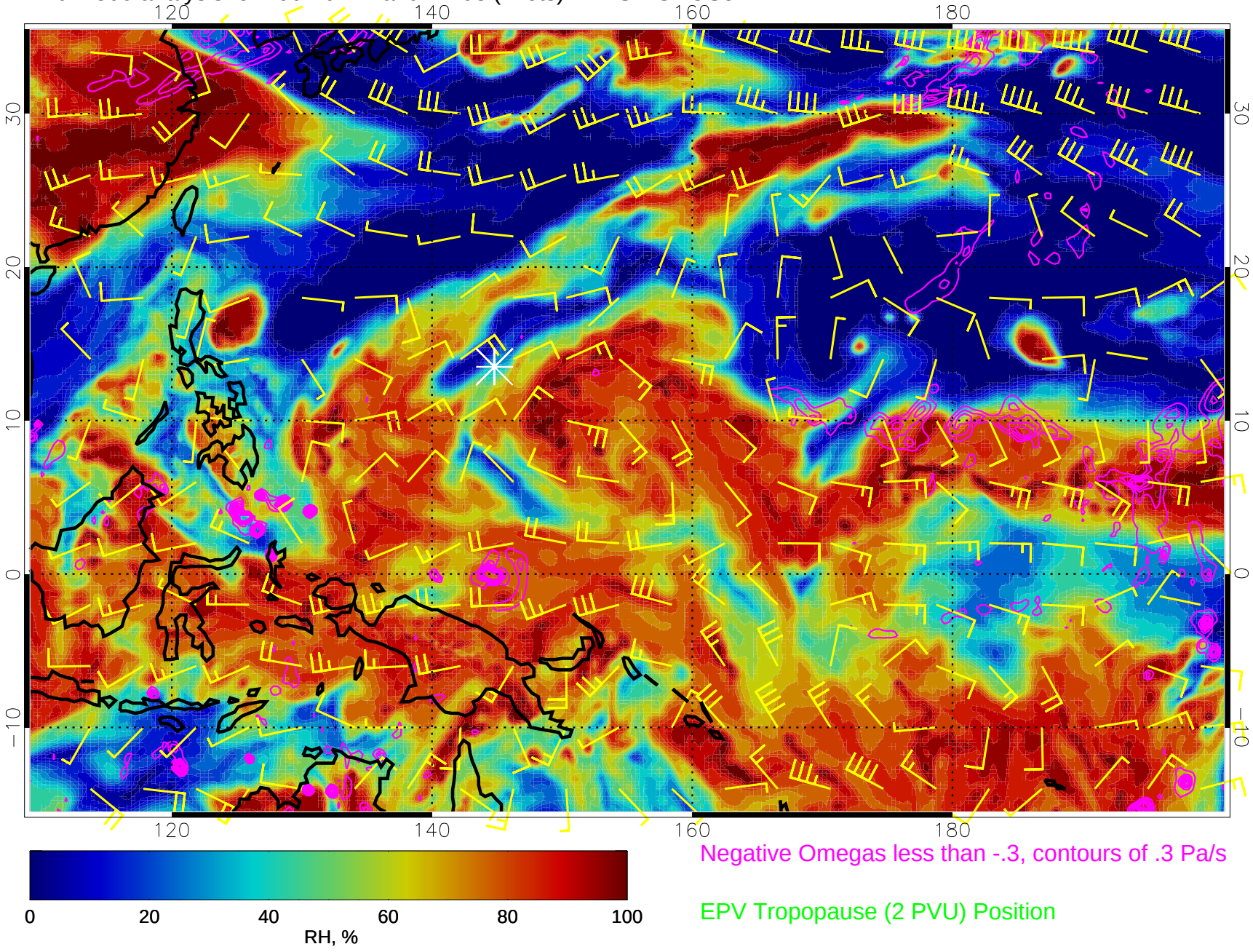
14022412 analysis for 700mb RH and winds (knots) - NASA GEOS5



14022418 analysis for 700mb RH and winds (knots) - NASA GEOS5

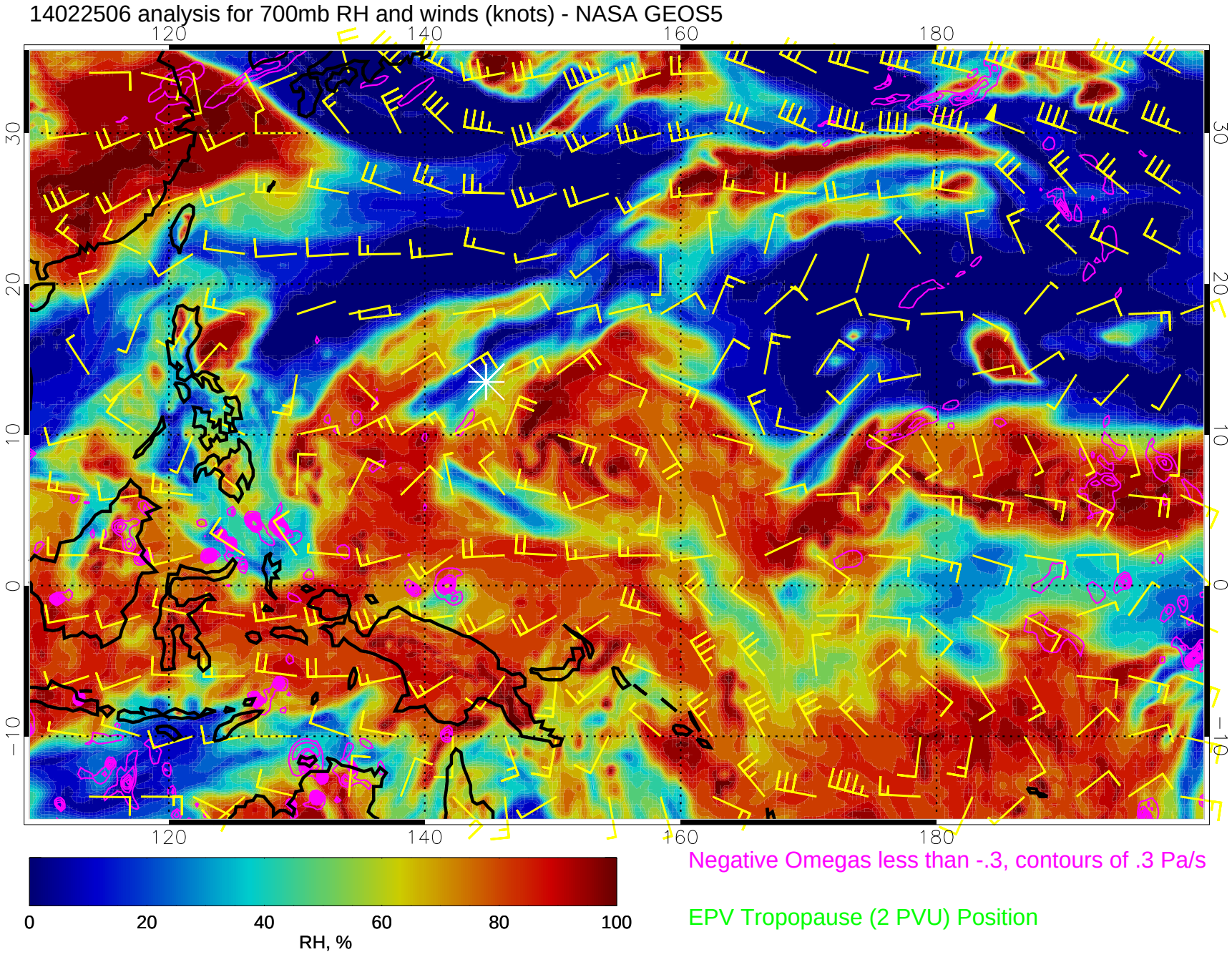


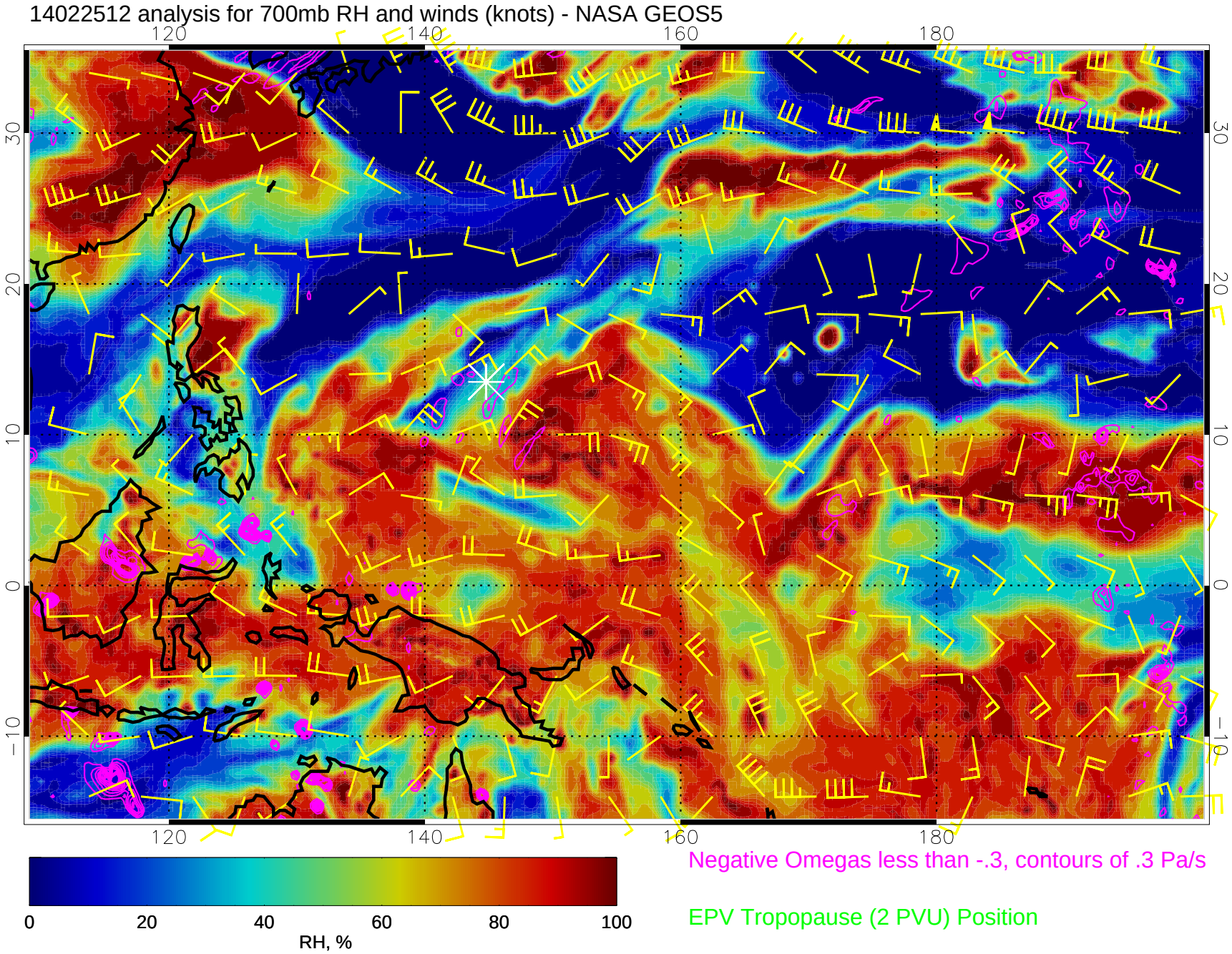
14022500 analysis for 700mb RH and winds (knots) - NASA GEOS5



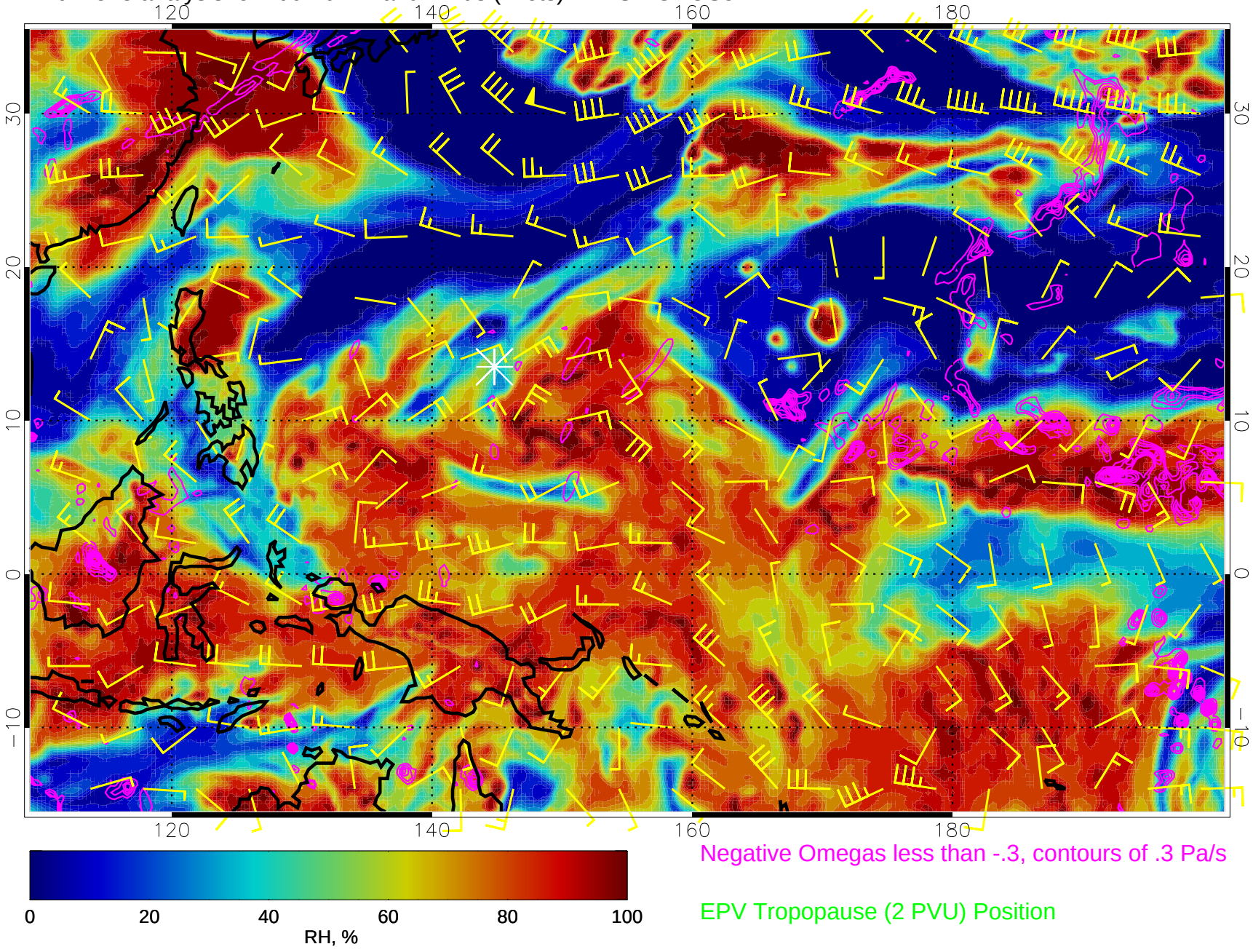
Negative Omegas less than -.3, contours of .3 Pa/s

EPV Tropopause (2 PVU) Position


14022506 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

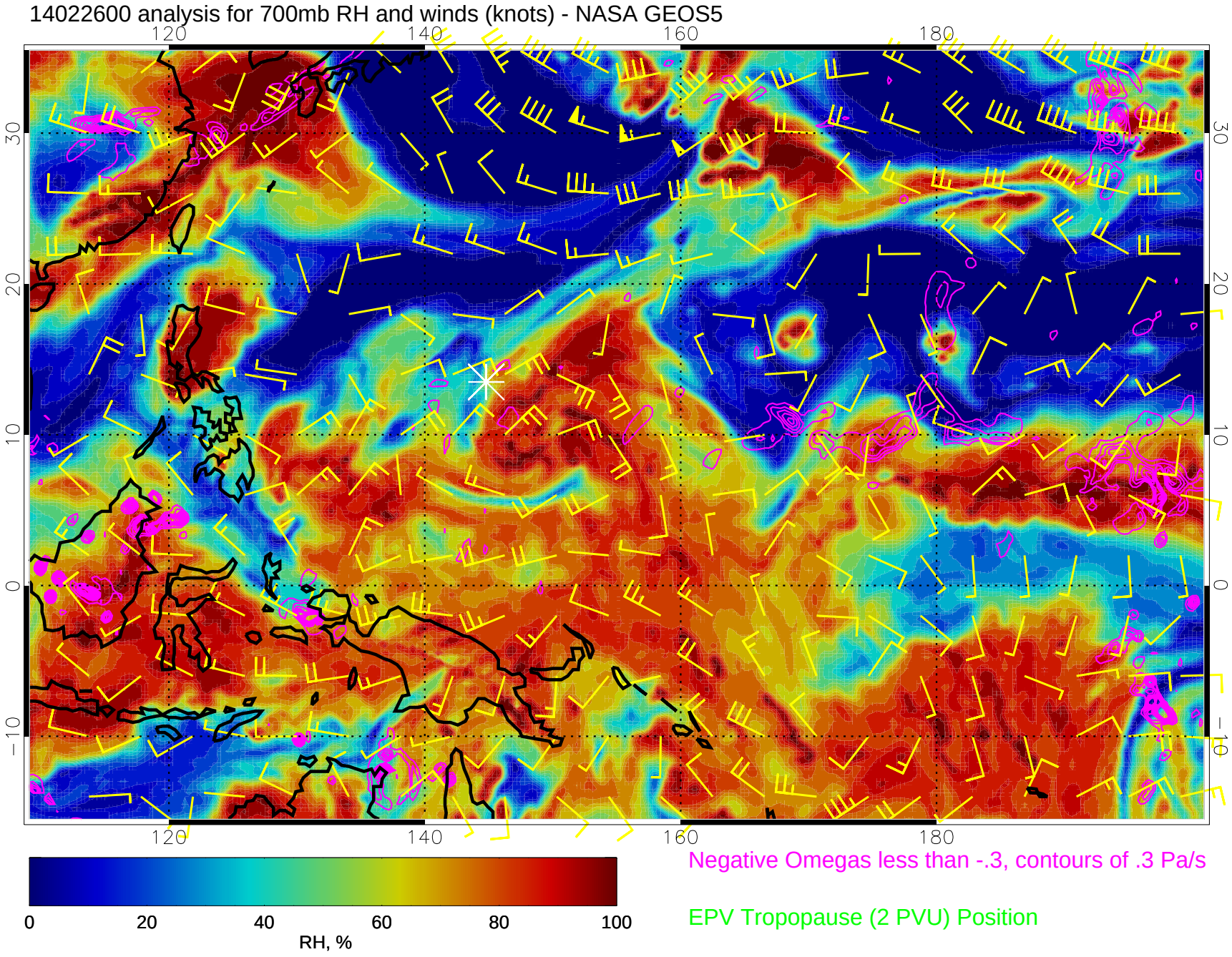

14022512 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14022518 analysis for 700mb RH and winds (knots) - NASA GEOS5

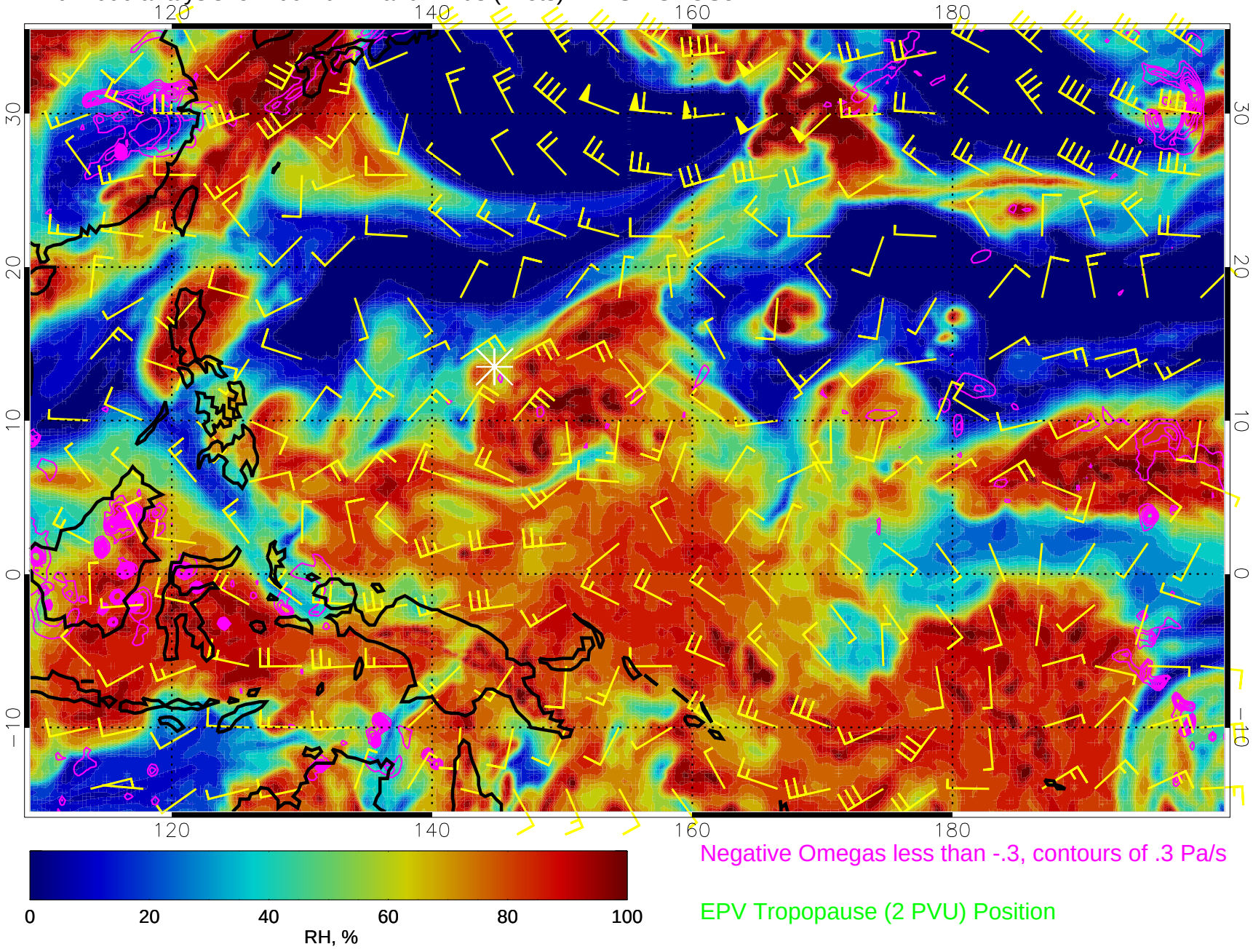


Negative Omegas less than -.3, contours of .3 Pa/s

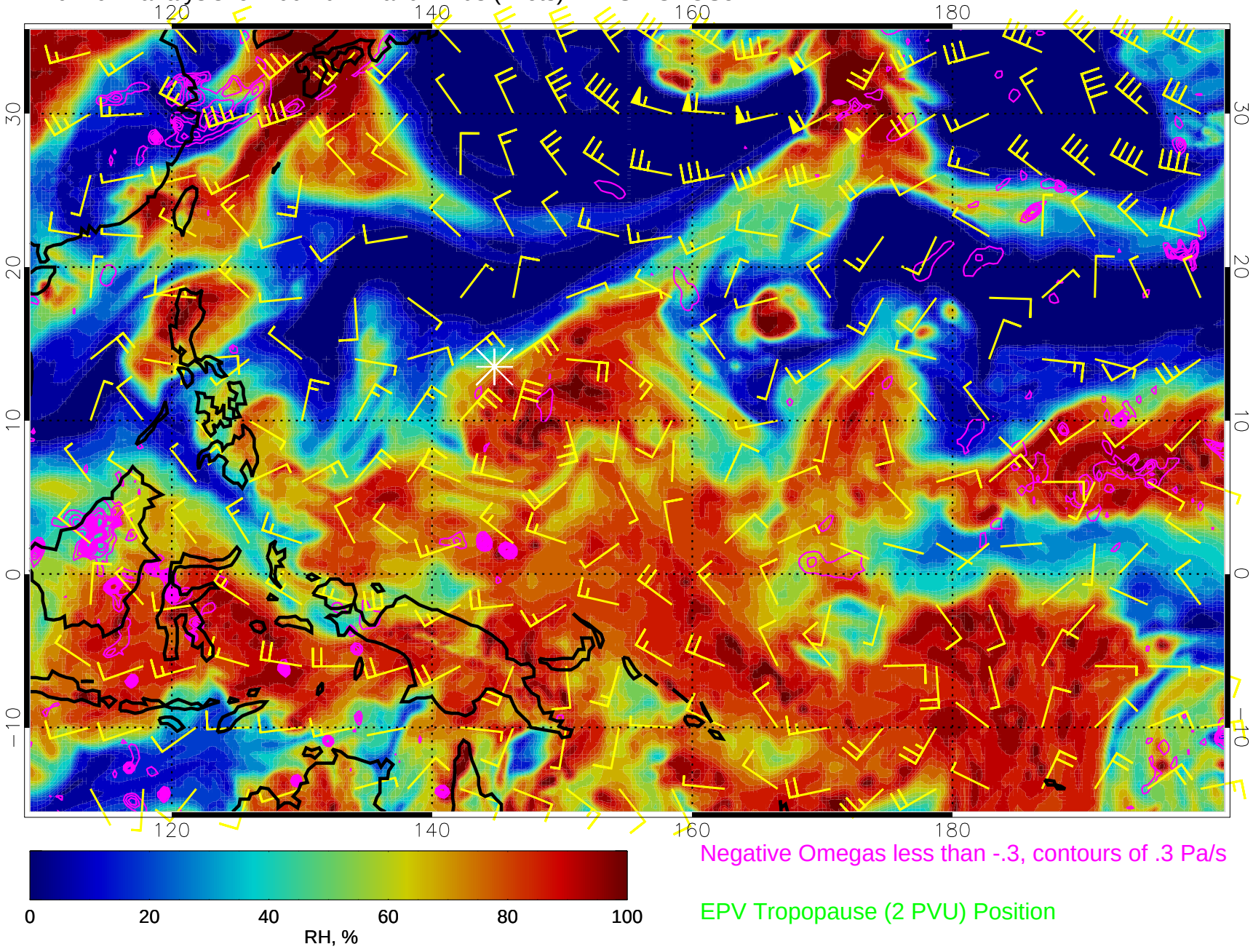
EPV Tropopause (2 PVU) Position


14022600 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

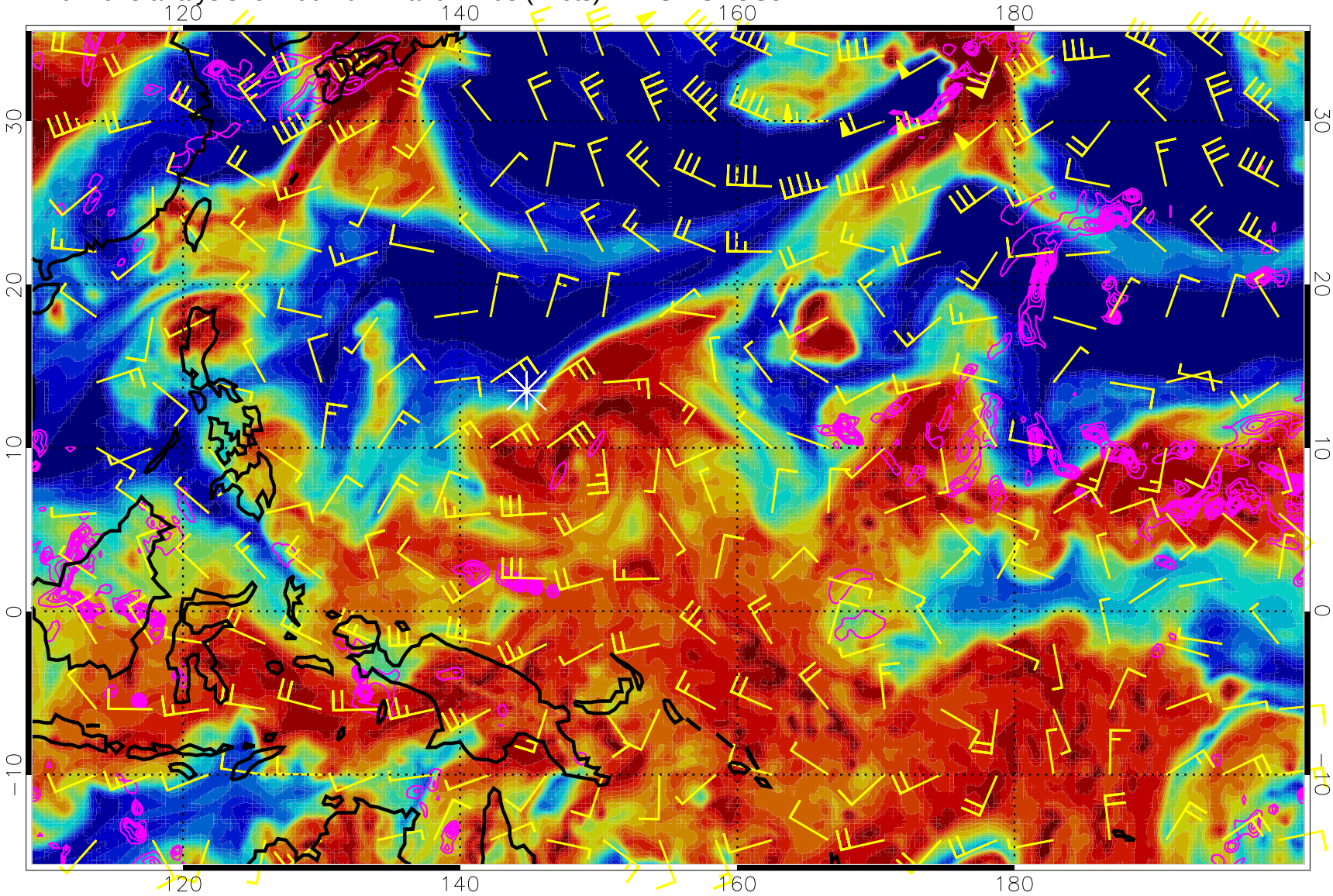
14022606 analysis for 700mb RH and winds (knots) - NASA GEOS5



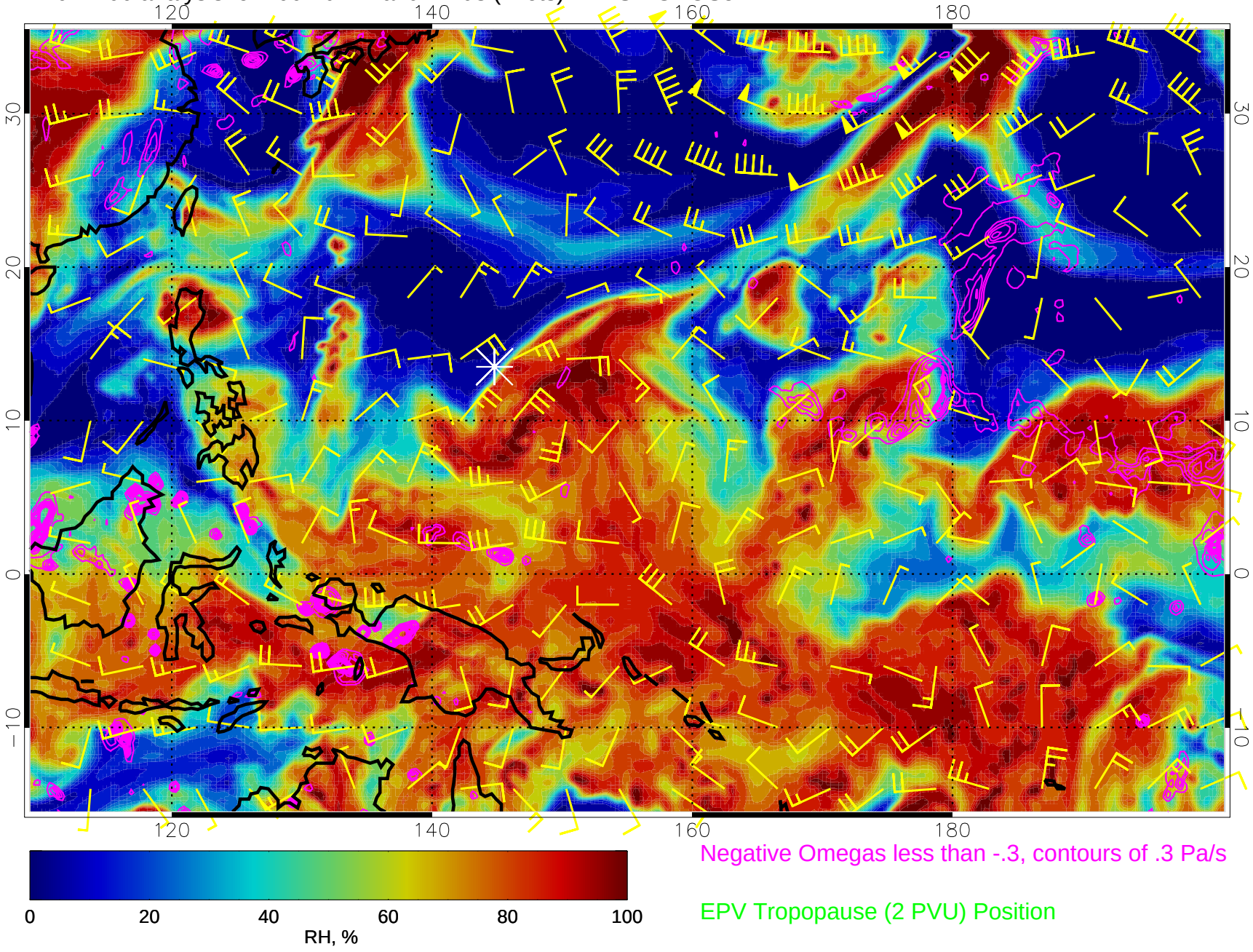
14022612 analysis for 700mb RH and winds (knots) - NASA GEOS5



14022618 analysis for 700mb RH and winds (knots) - NASA GEOS5



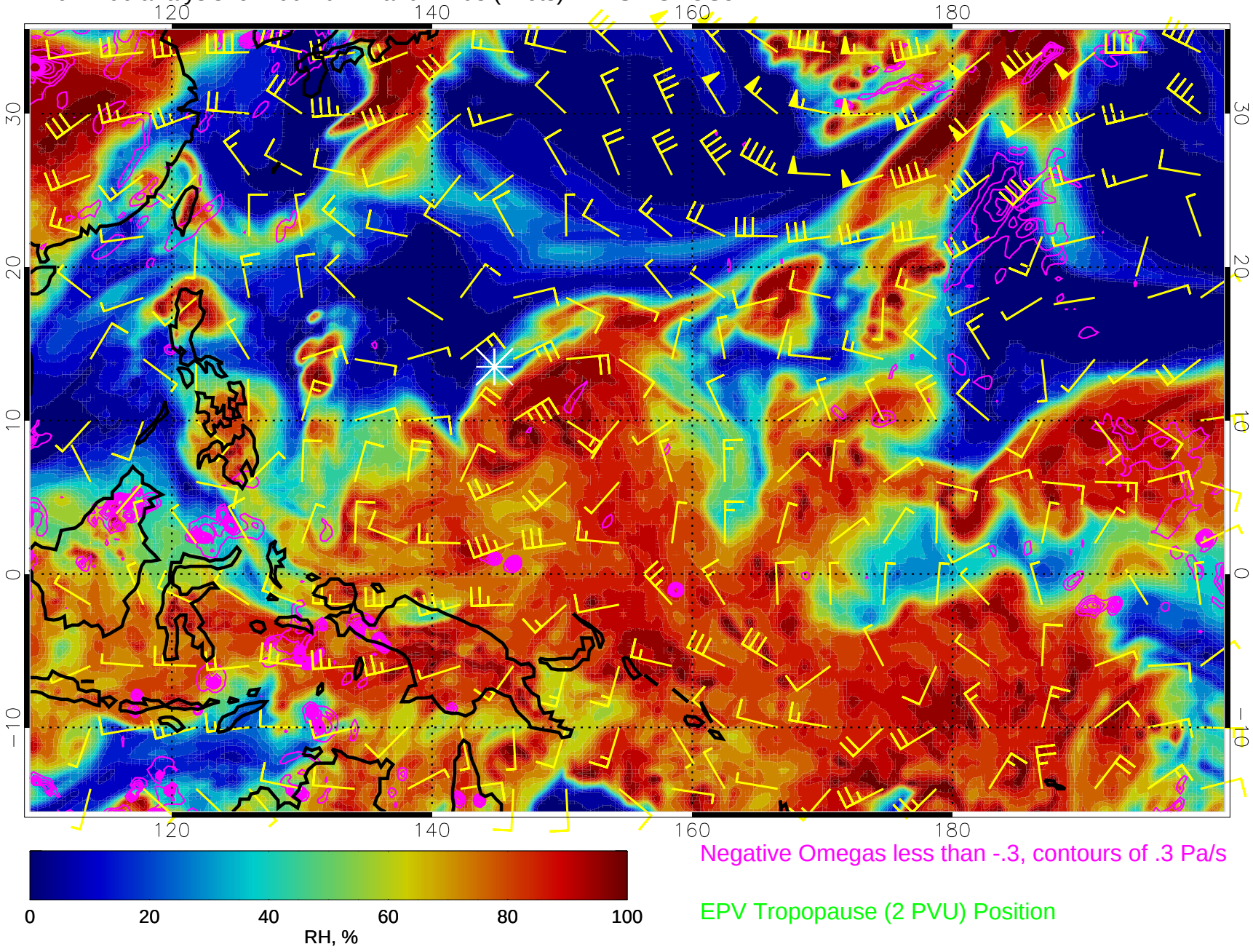
14022700 analysis for 700mb RH and winds (knots) - NASA GEOS5

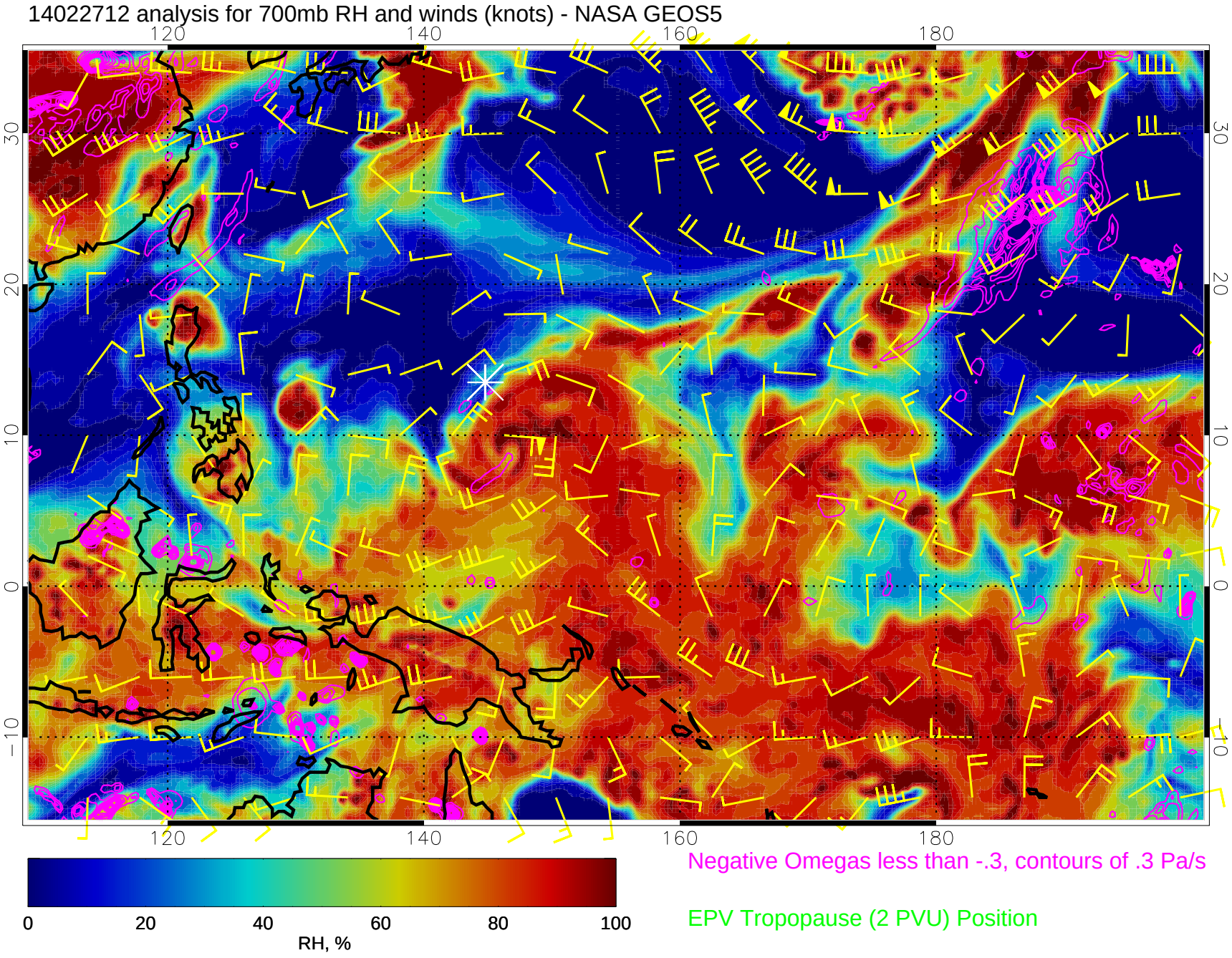


Negative Omegas less than -.3, contours of .3 Pa/s

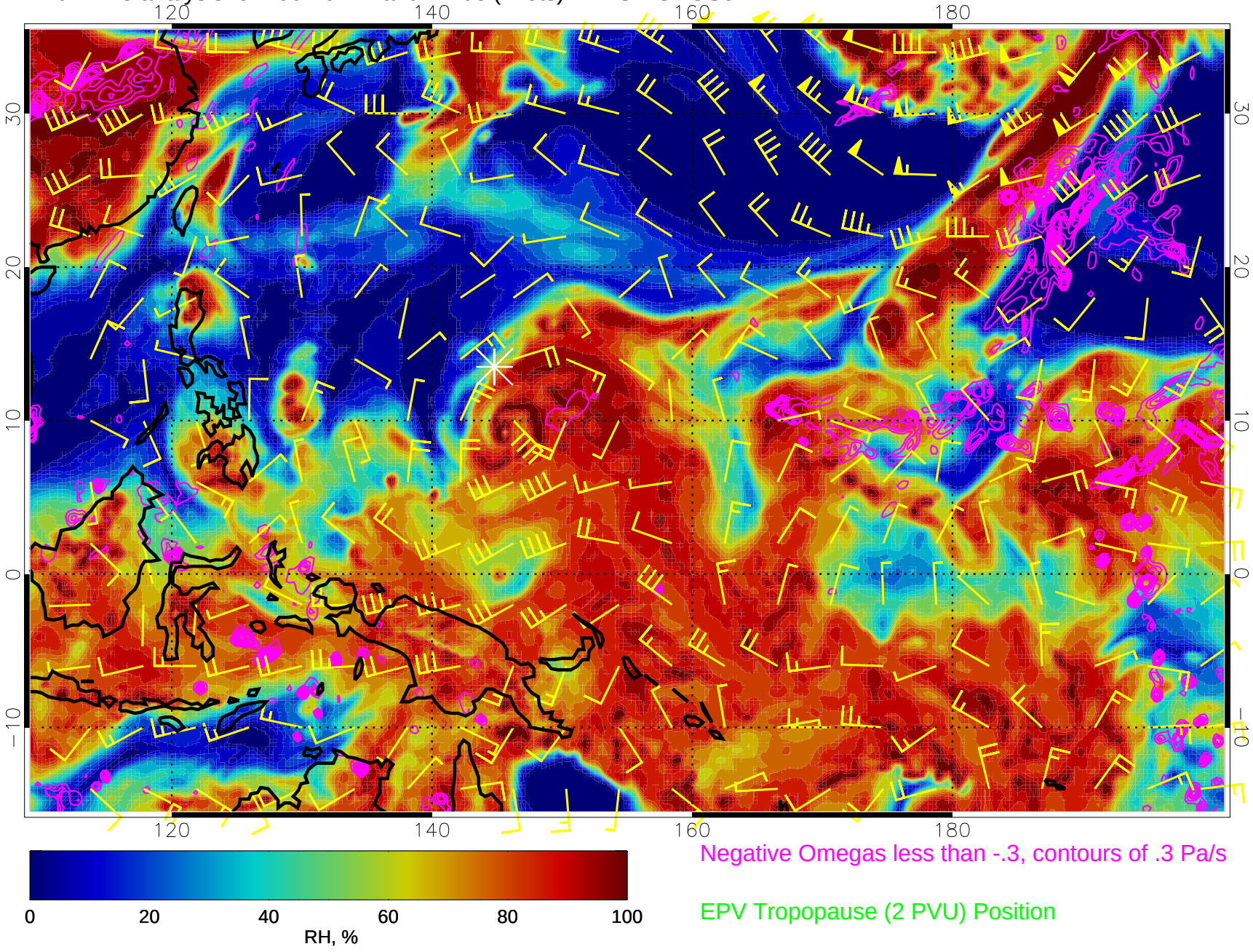
EPV Tropopause (2 PVU) Position

14022706 analysis for 700mb RH and winds (knots) - NASA GEOS5



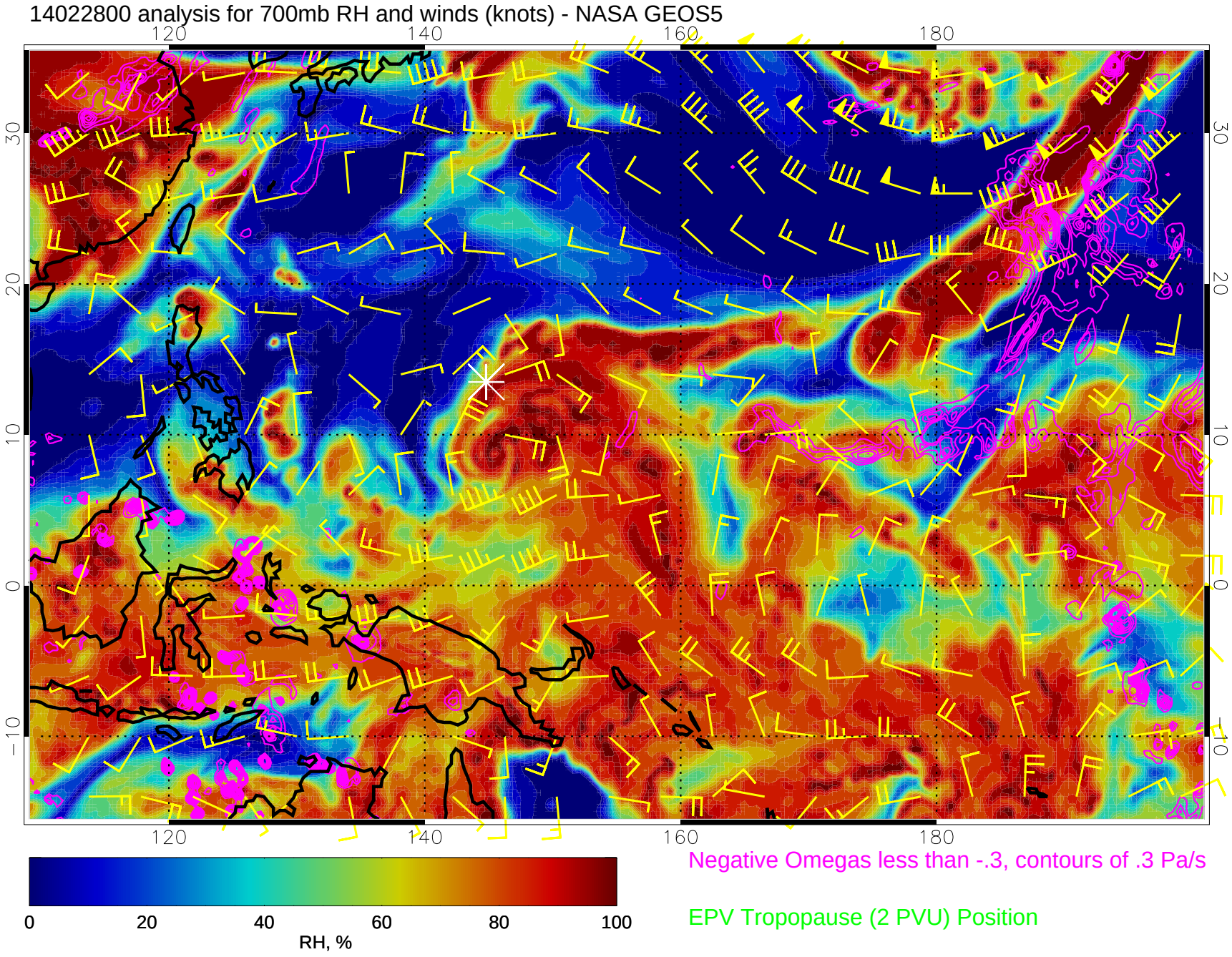

14022712 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14022718 analysis for 700mb RH and winds (knots) - NASA GEOS5

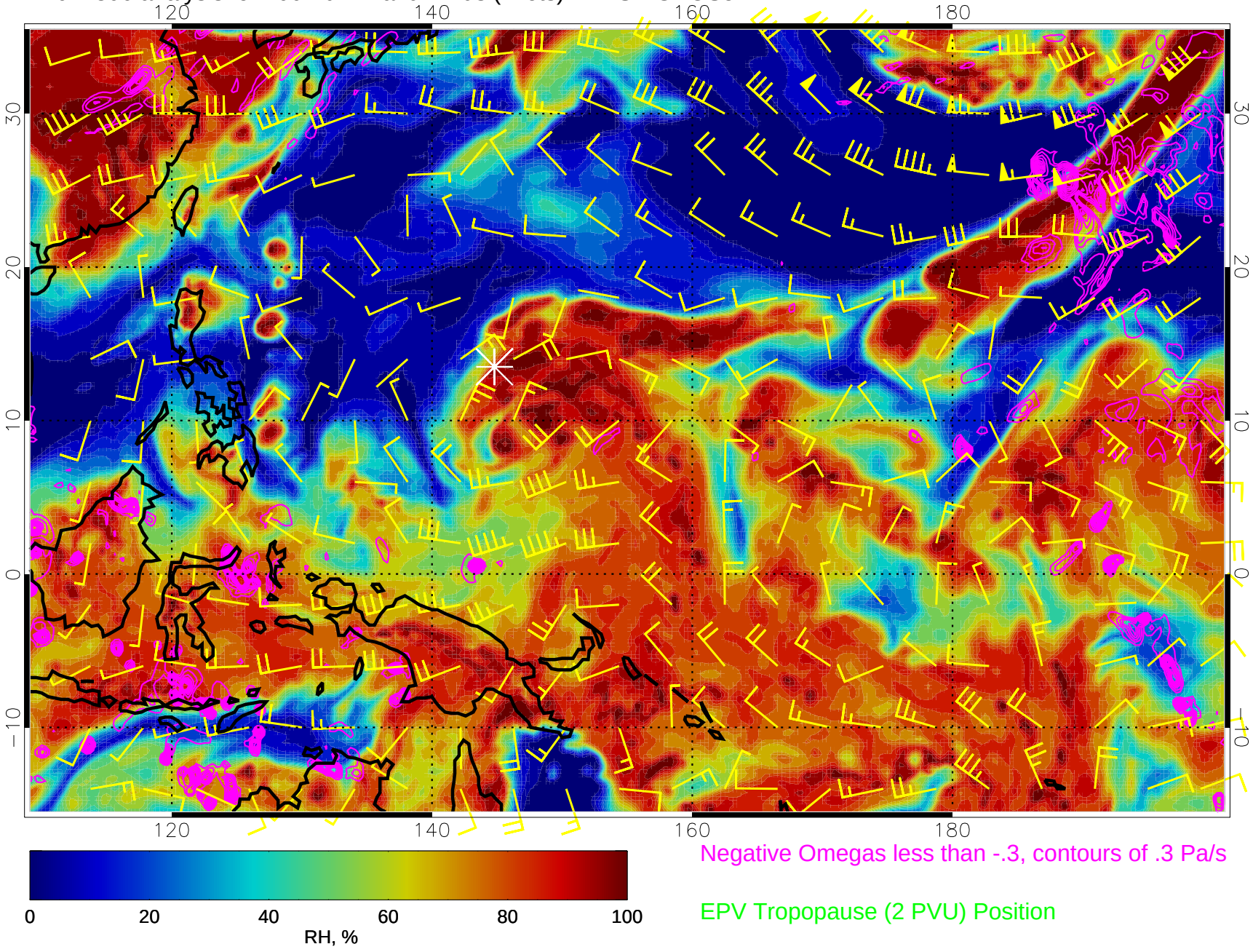


Negative Omegas less than -.3, contours of .3 Pa/s

EPV Tropopause (2 PVU) Position

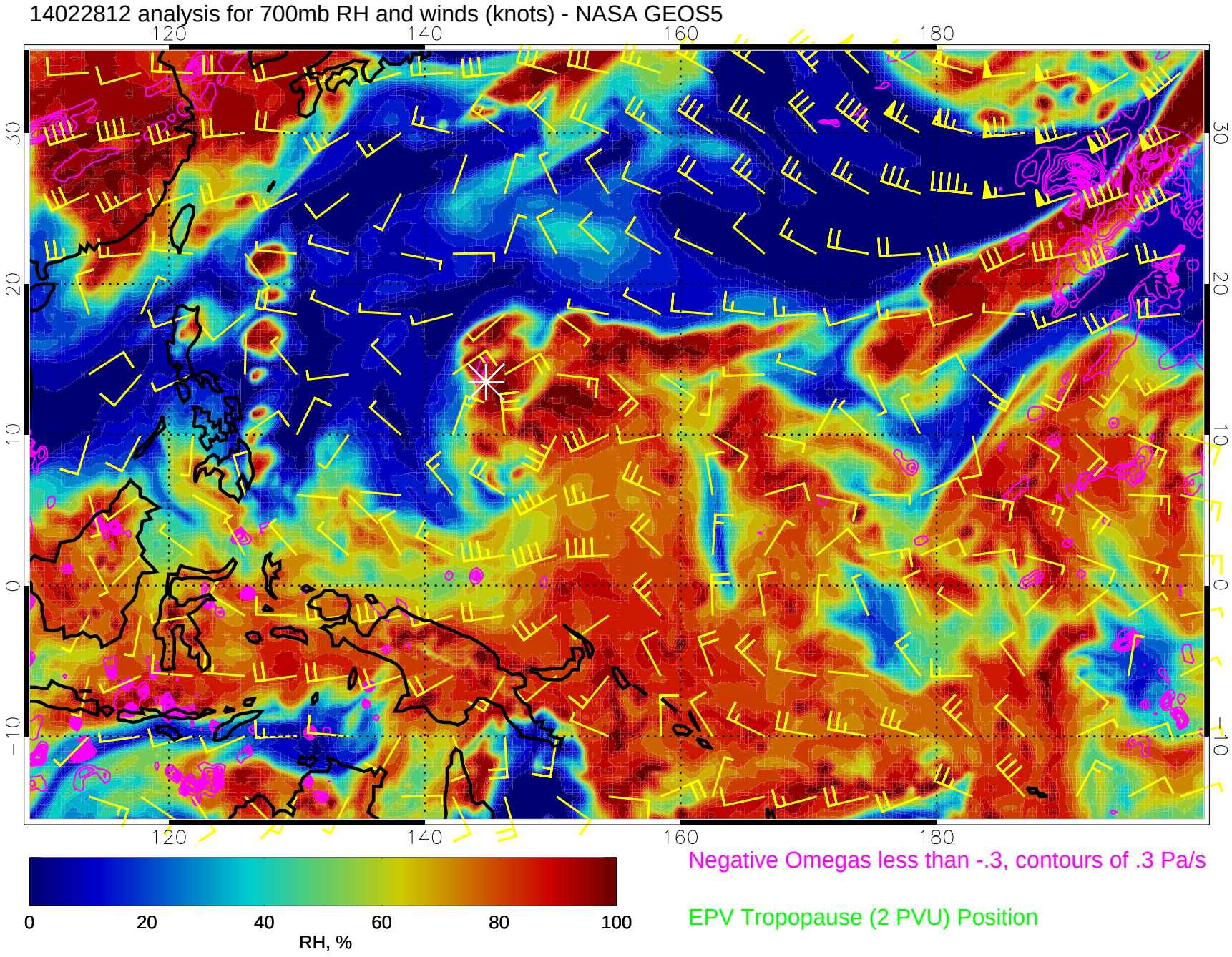

14022800 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14022806 analysis for 700mb RH and winds (knots) - NASA GEOS5

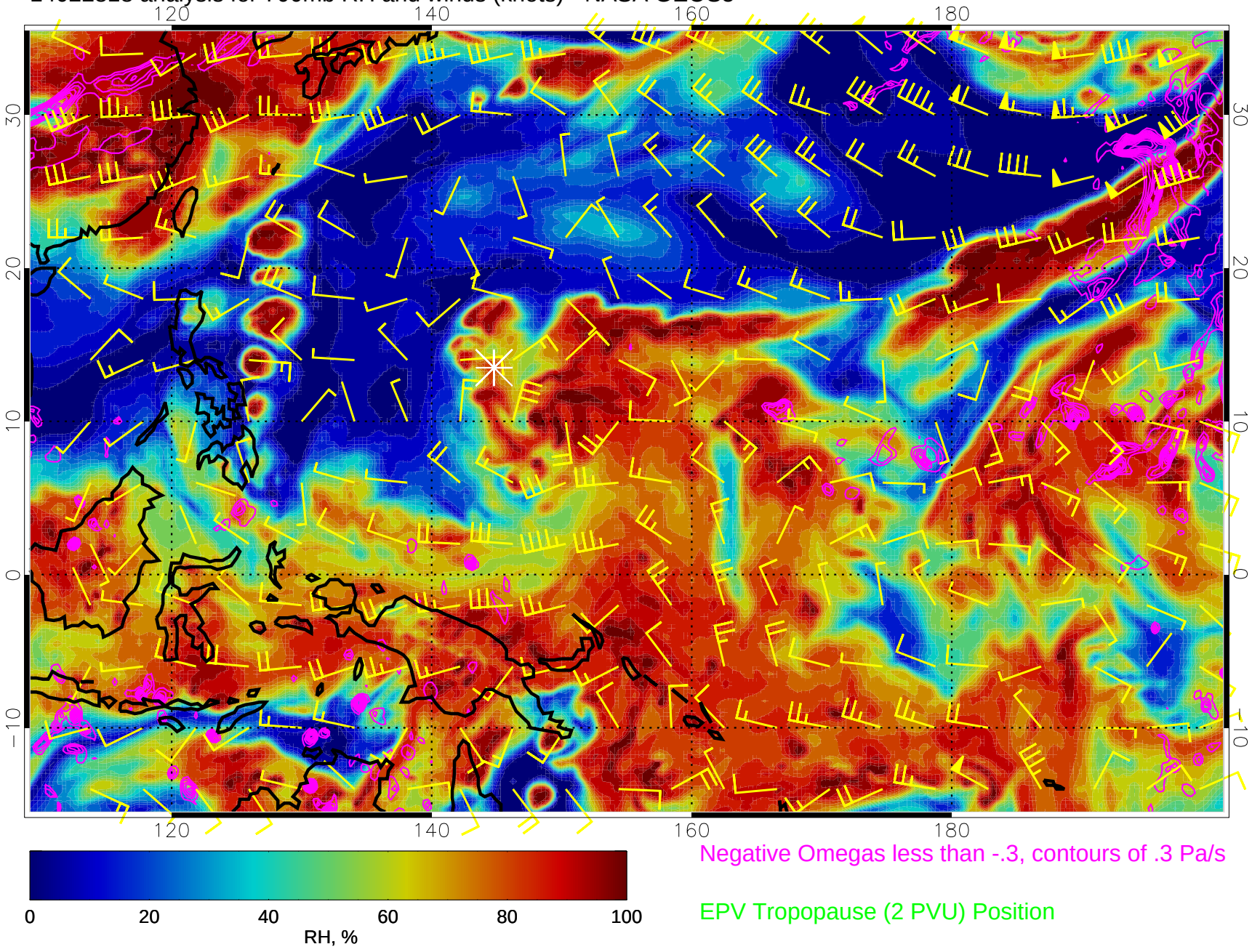


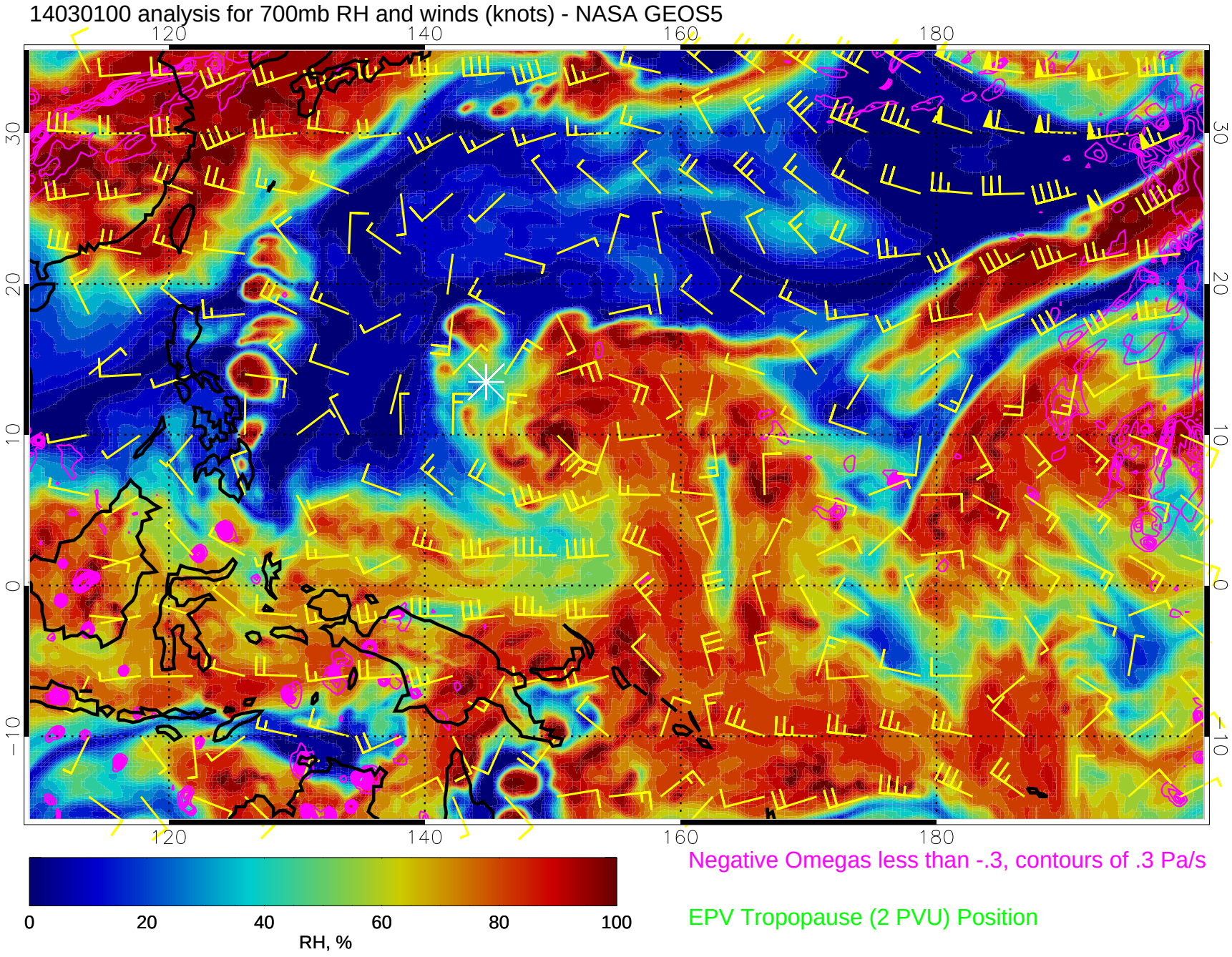
Negative Omegas less than -.3, contours of .3 Pa/s

EPV Tropopause (2 PVU) Position

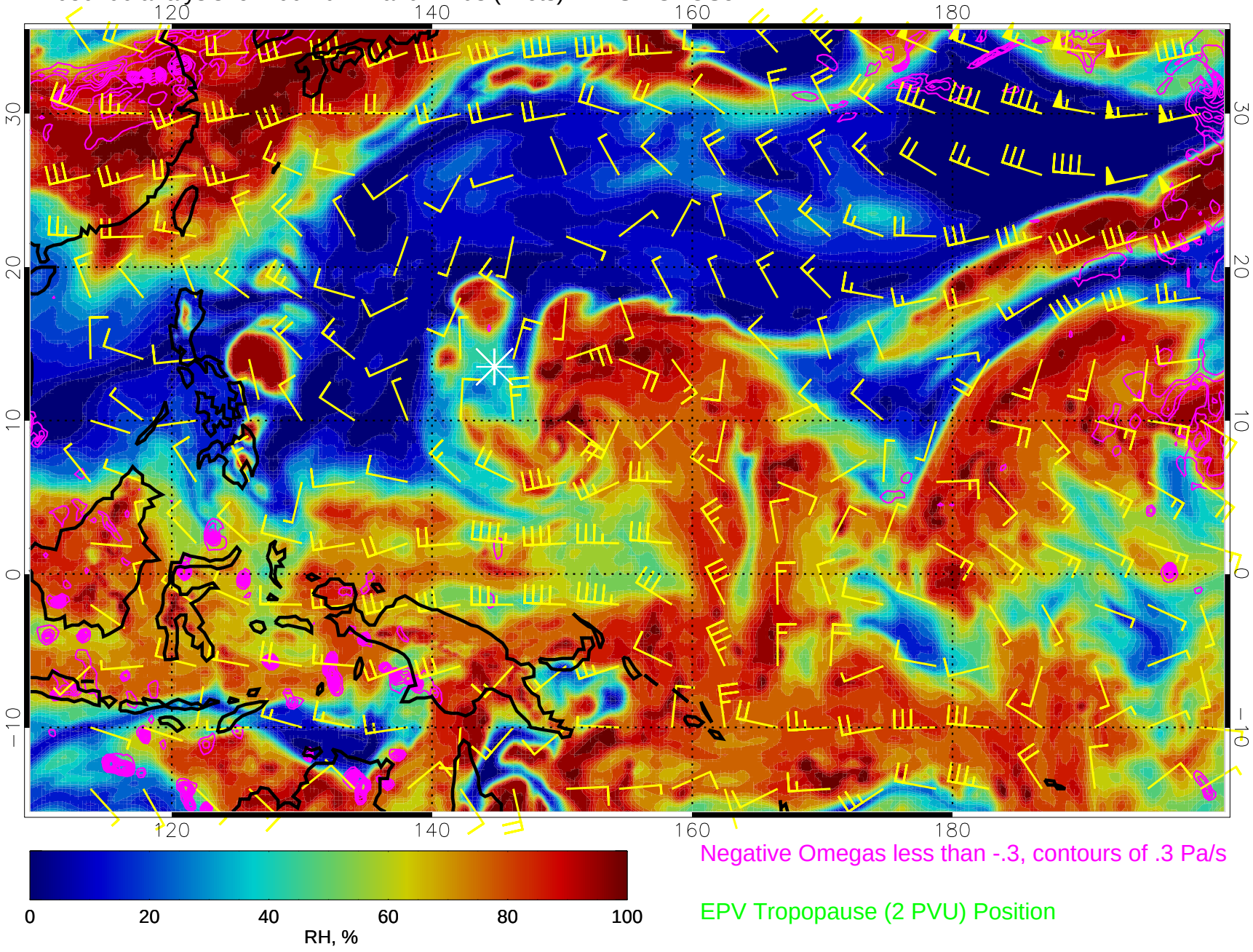

14022812 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14022818 analysis for 700mb RH and winds (knots) - NASA GEOS5



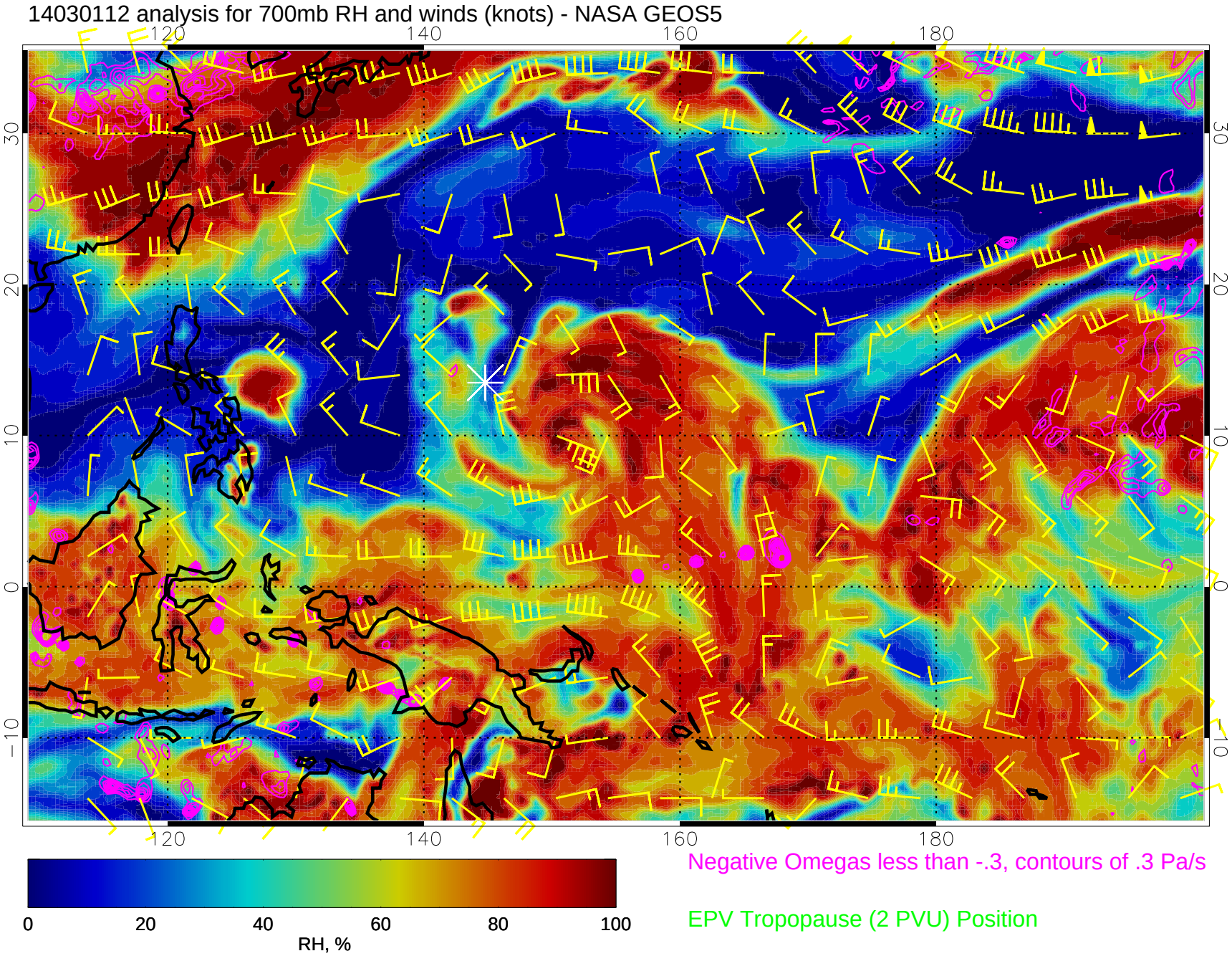

14030100 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14030106 analysis for 700mb RH and winds (knots) - NASA GEOS5

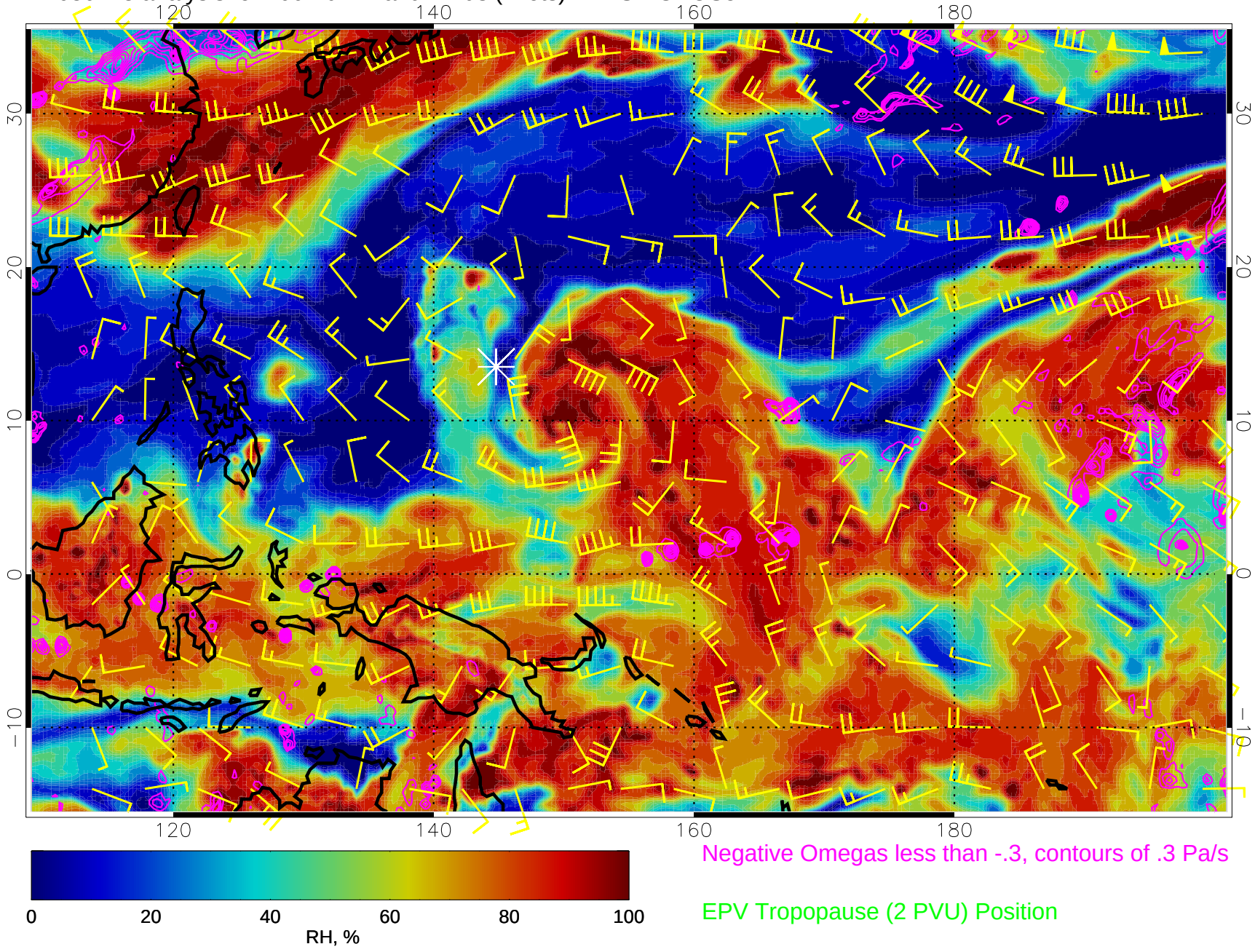


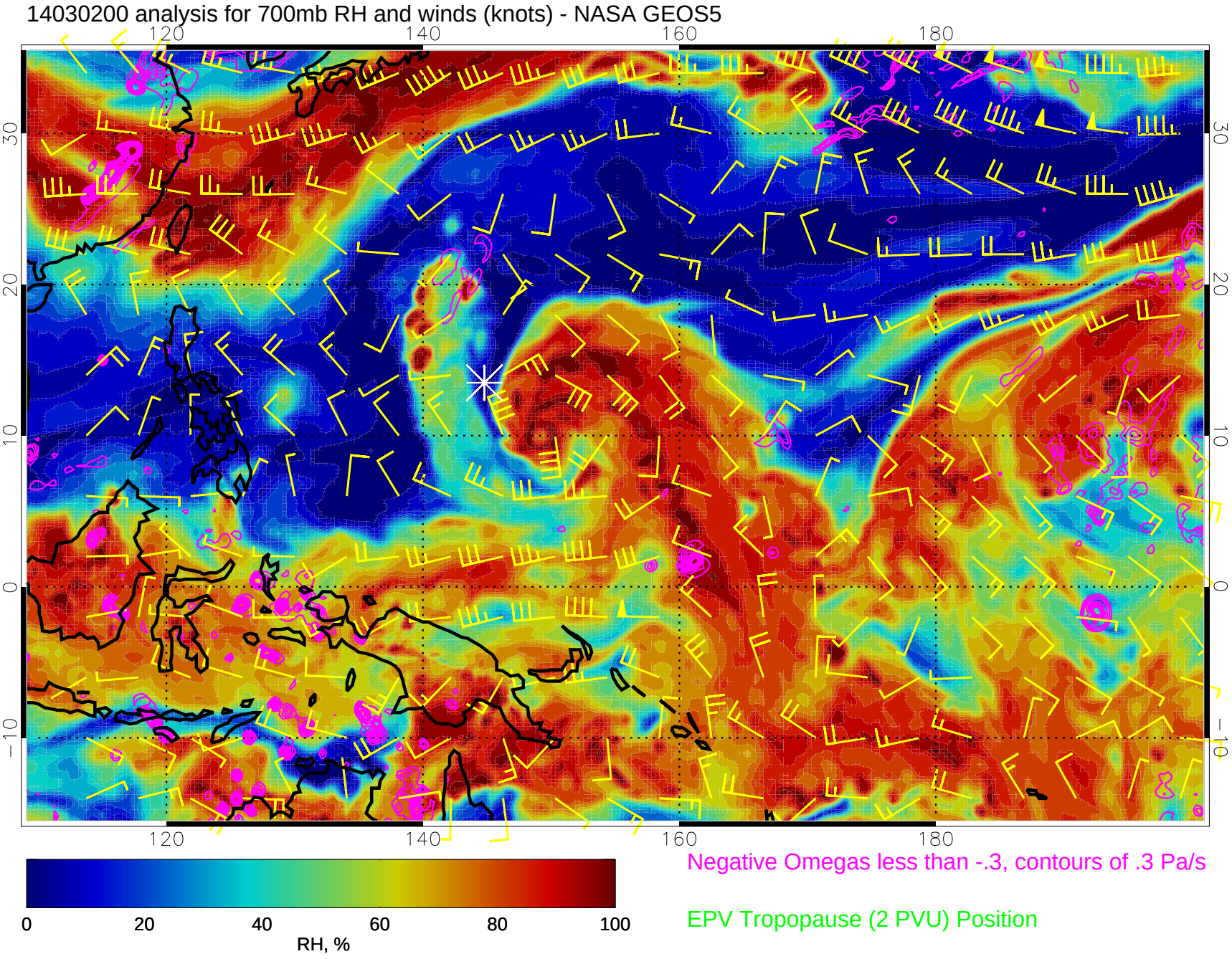
Negative Omegas less than -.3, contours of .3 Pa/s

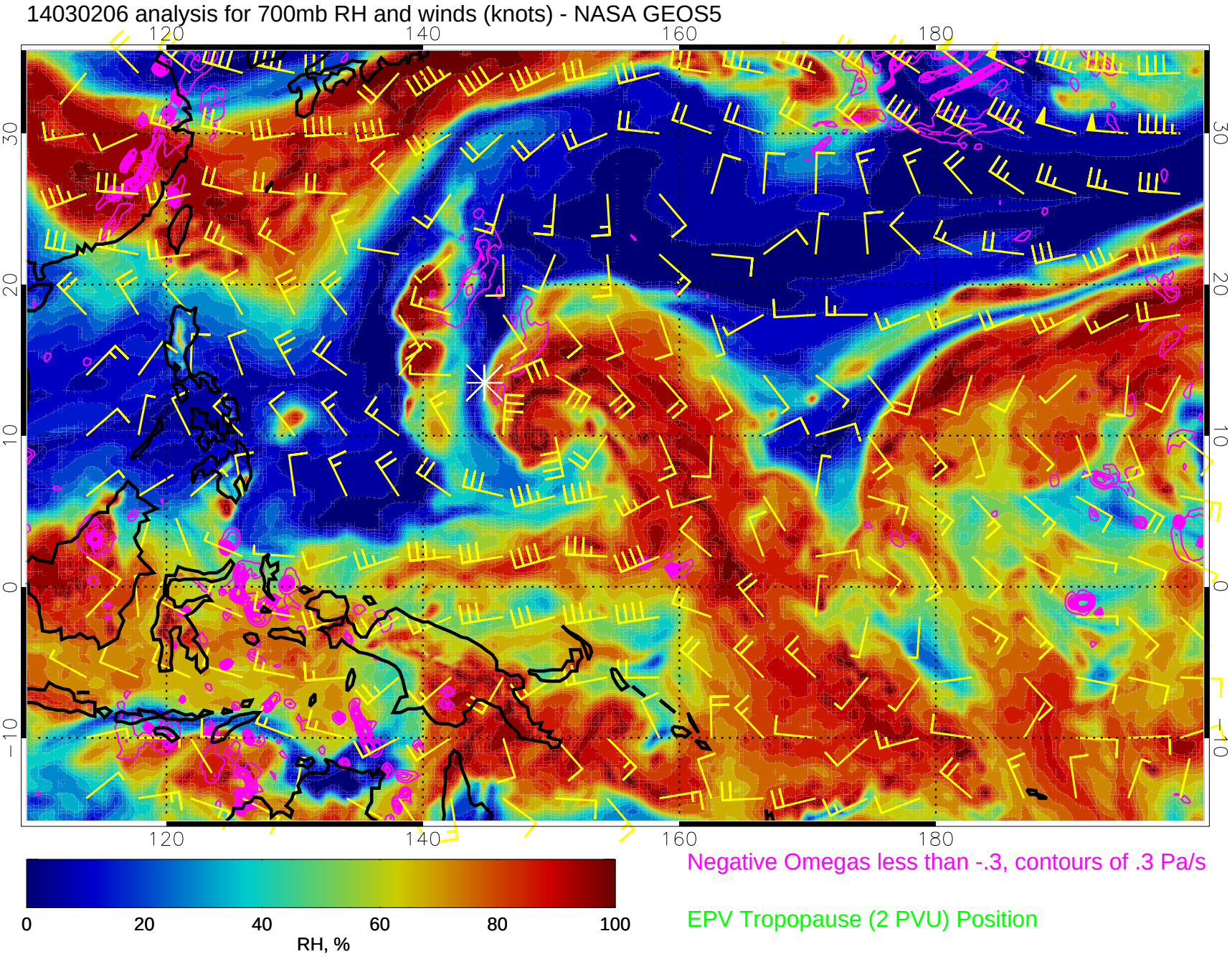
EPV Tropopause (2 PVU) Position

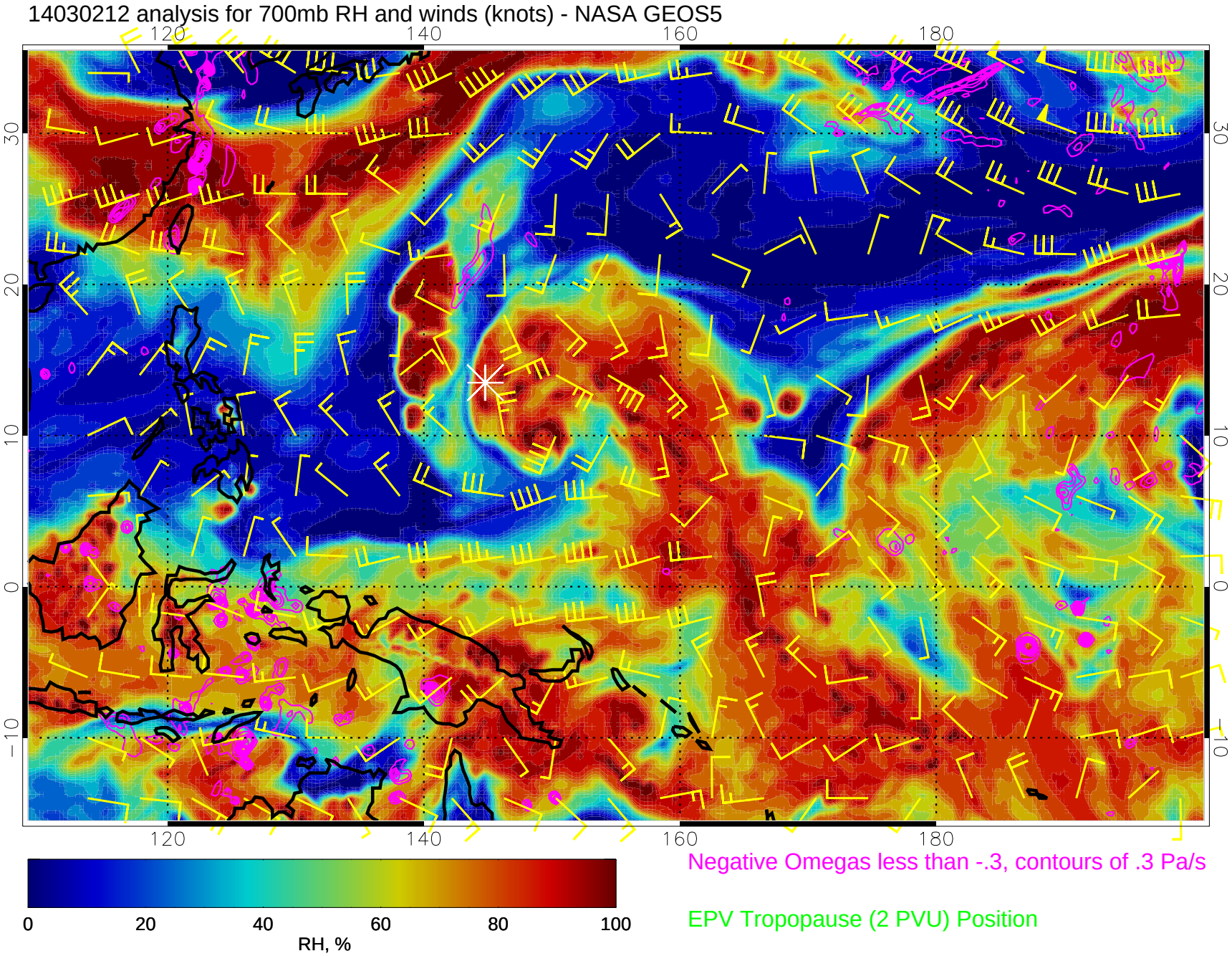

14030112 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14030118 analysis for 700mb RH and winds (knots) - NASA GEOS5

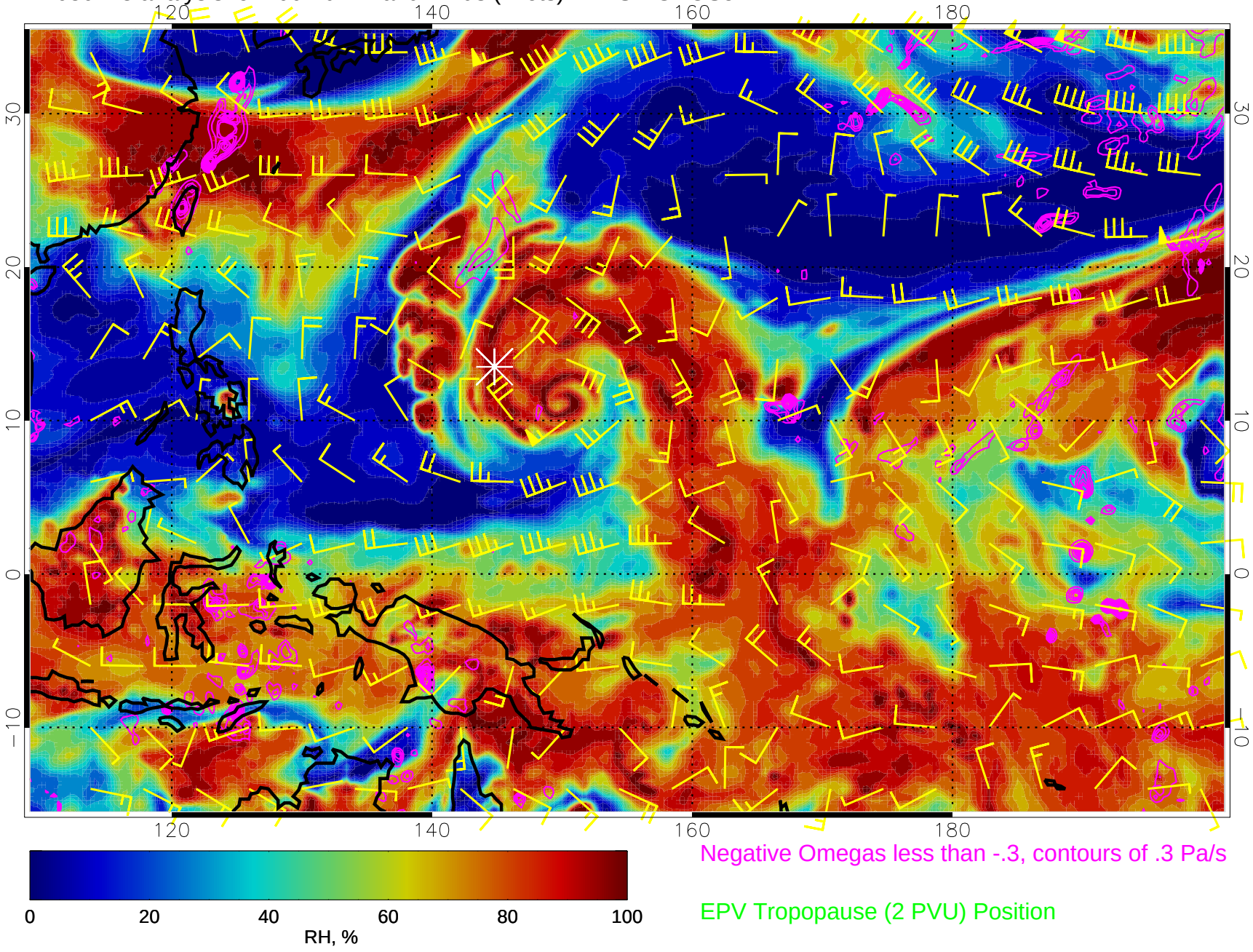



14030200 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position


14030206 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position


14030212 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

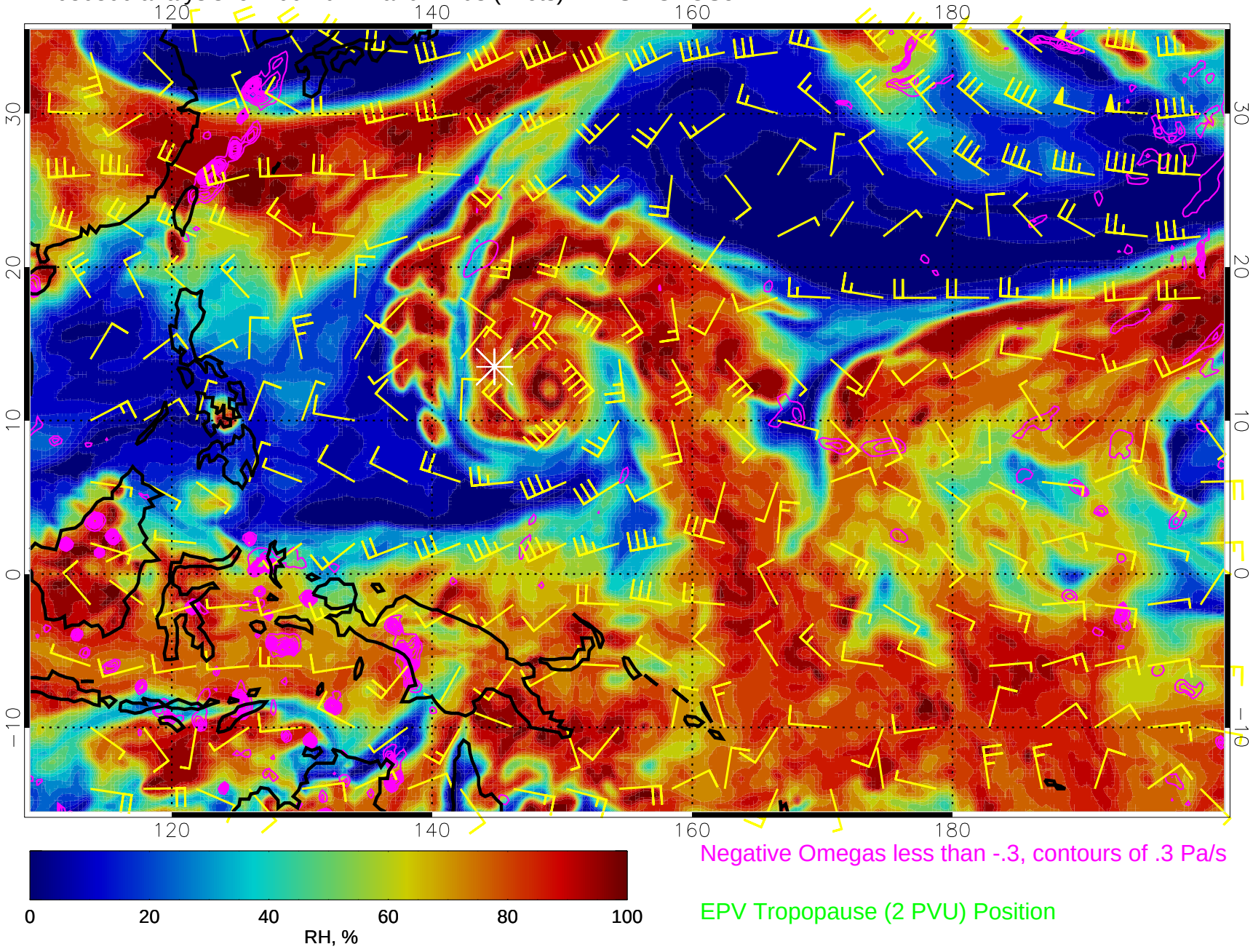
14030218 analysis for 700mb RH and winds (knots) - NASA GEOS5

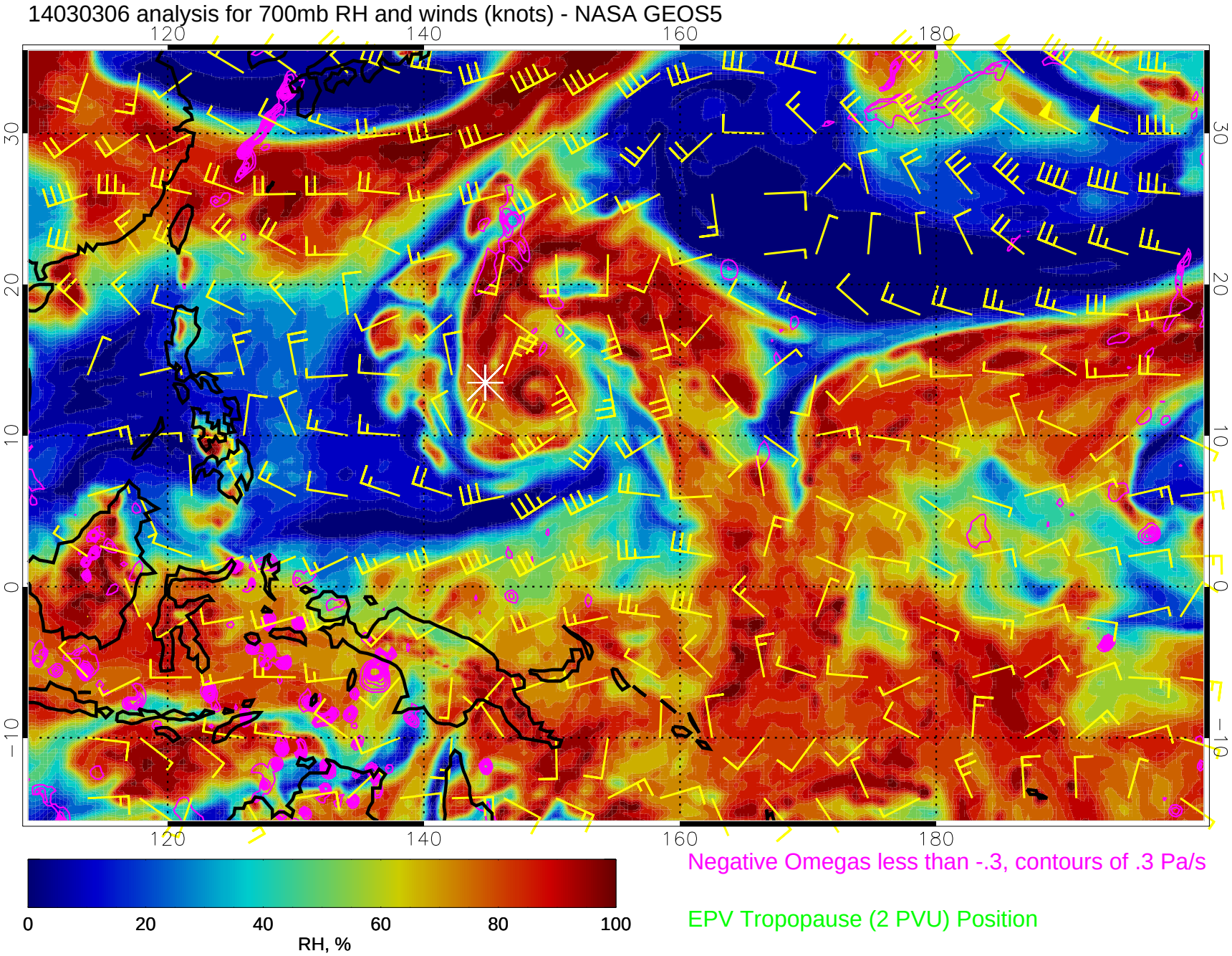


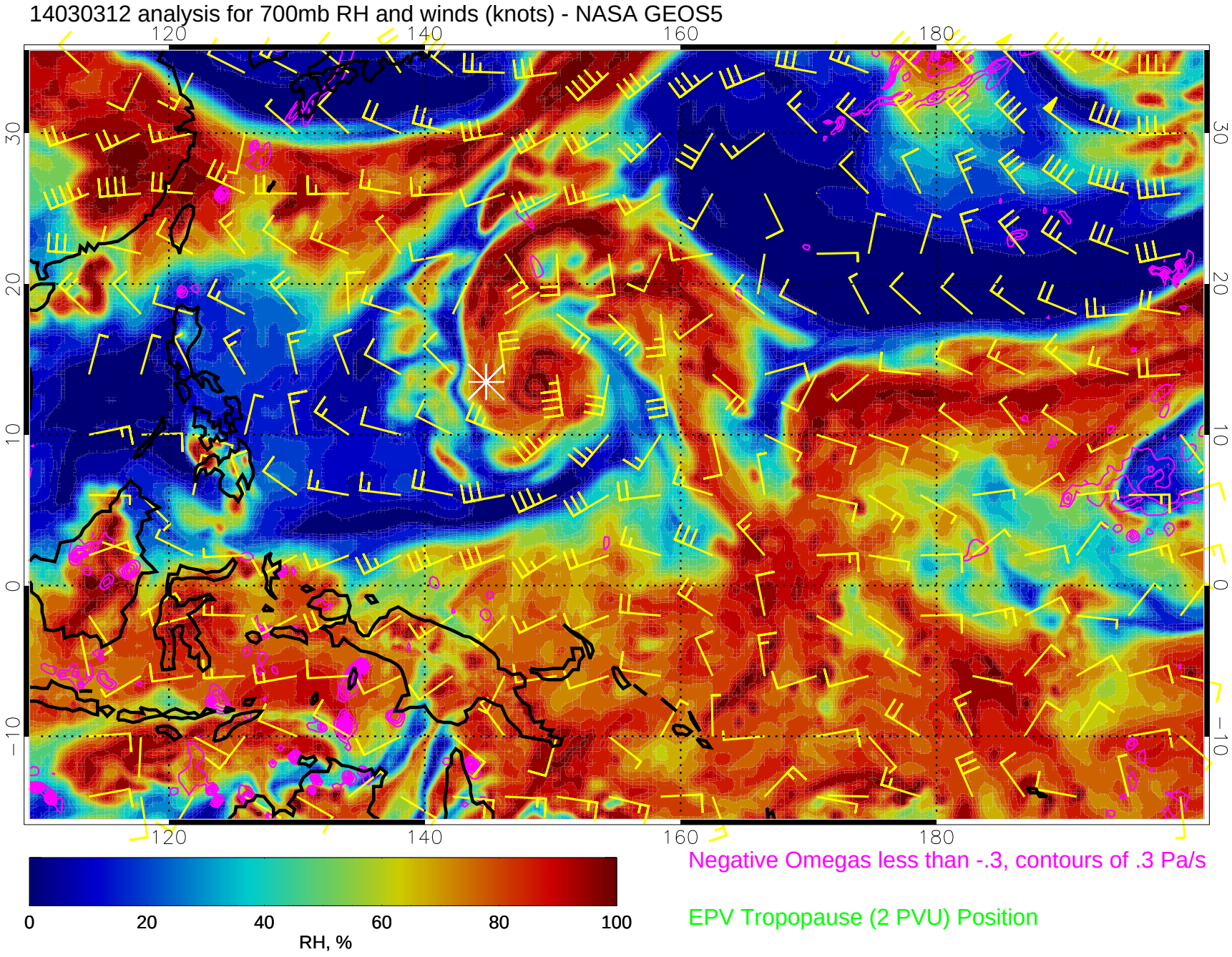
Negative Omegas less than -.3, contours of .3 Pa/s

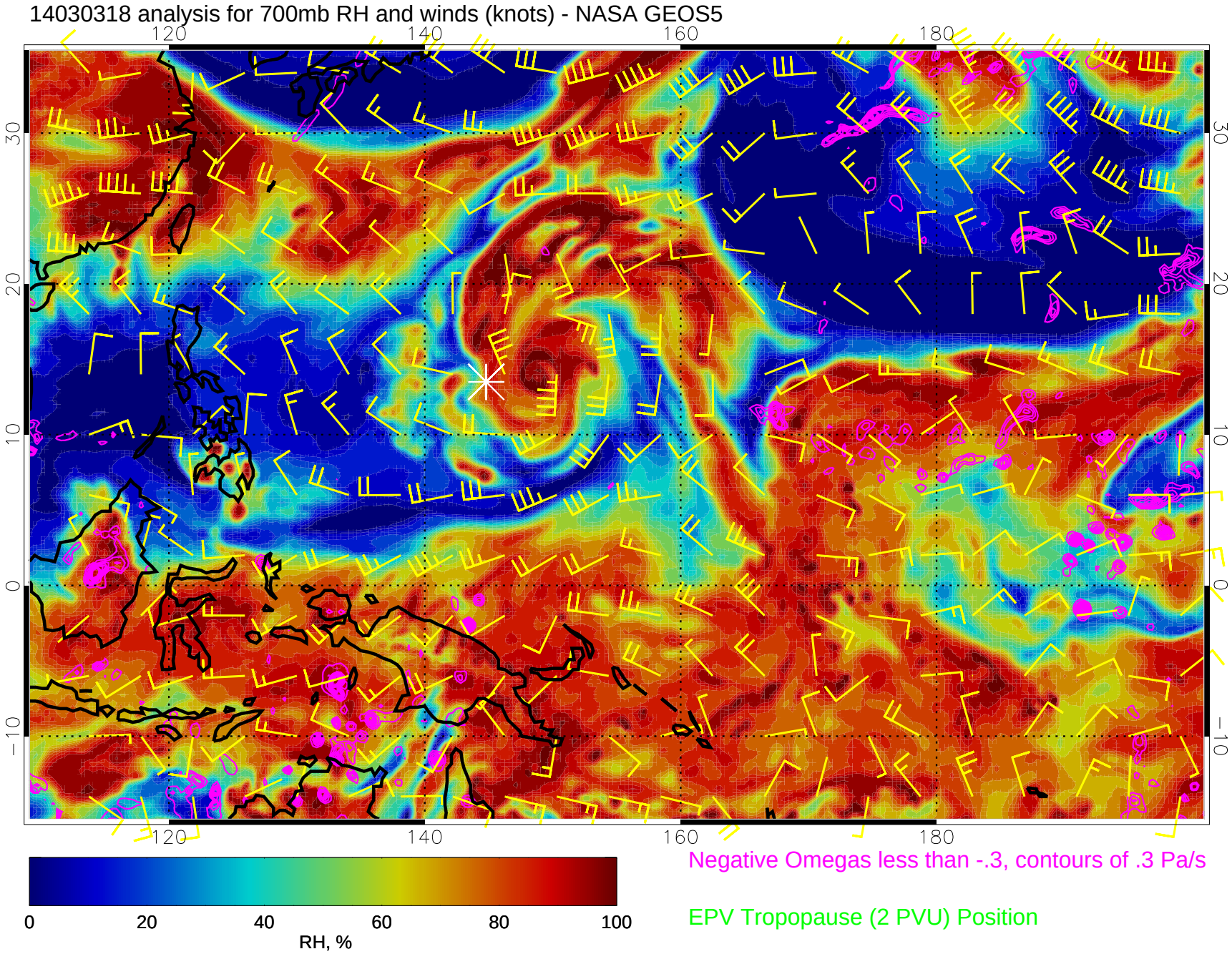
EPV Tropopause (2 PVU) Position

14030300 analysis for 700mb RH and winds (knots) - NASA GEOS5

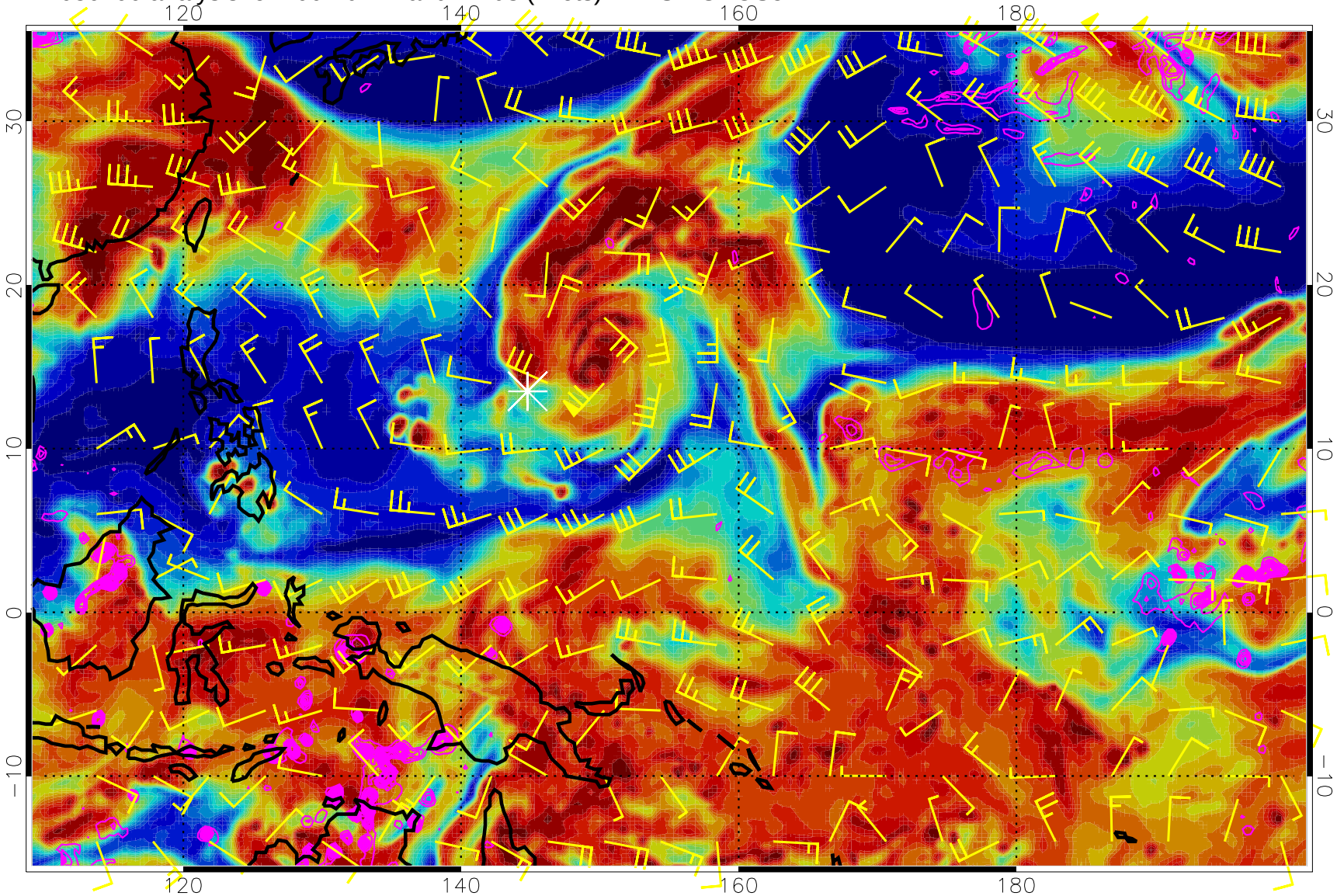



14030306 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

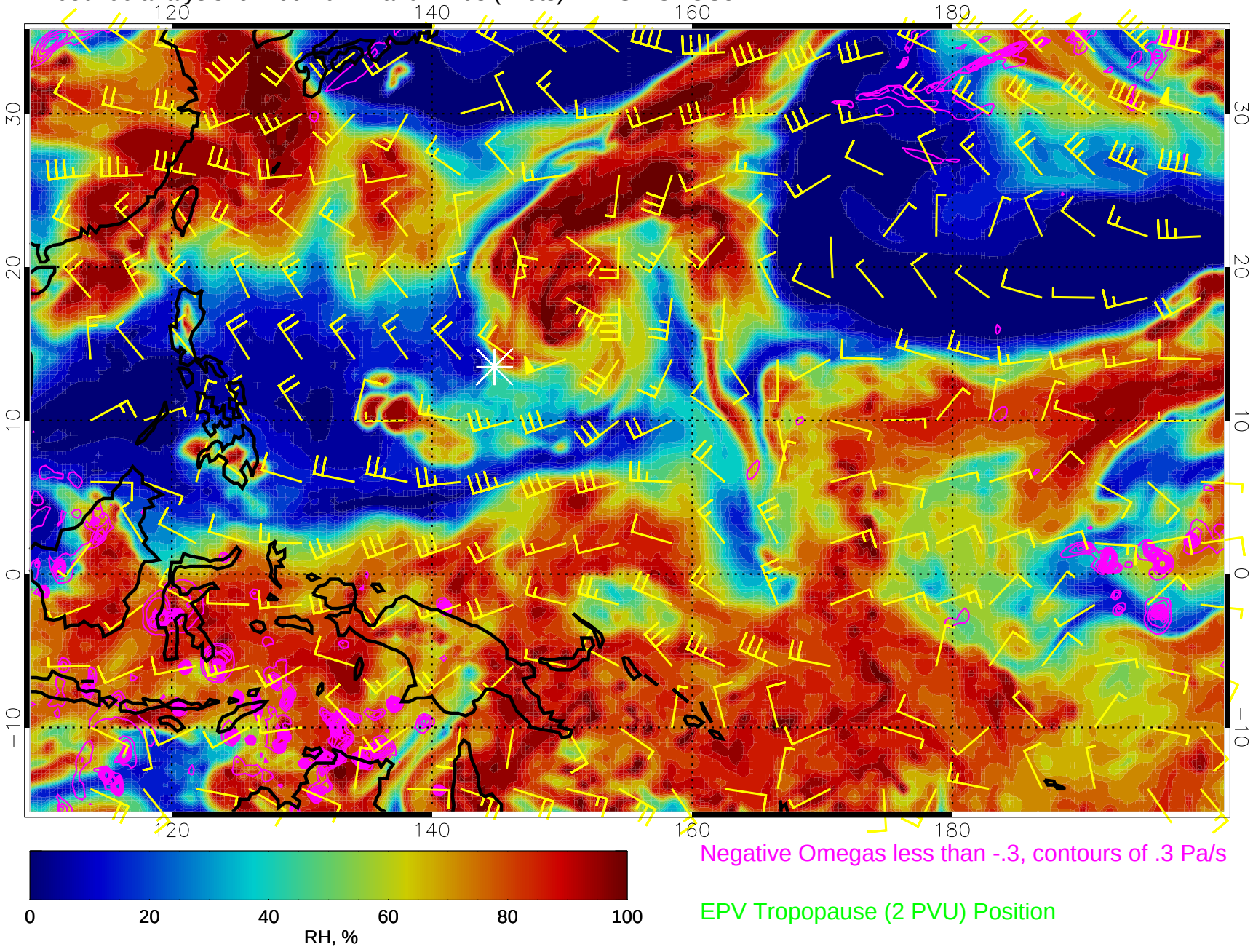

14030312 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position


14030318 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14030400 analysis for 700mb RH and winds (knots) - NASA GEOS5

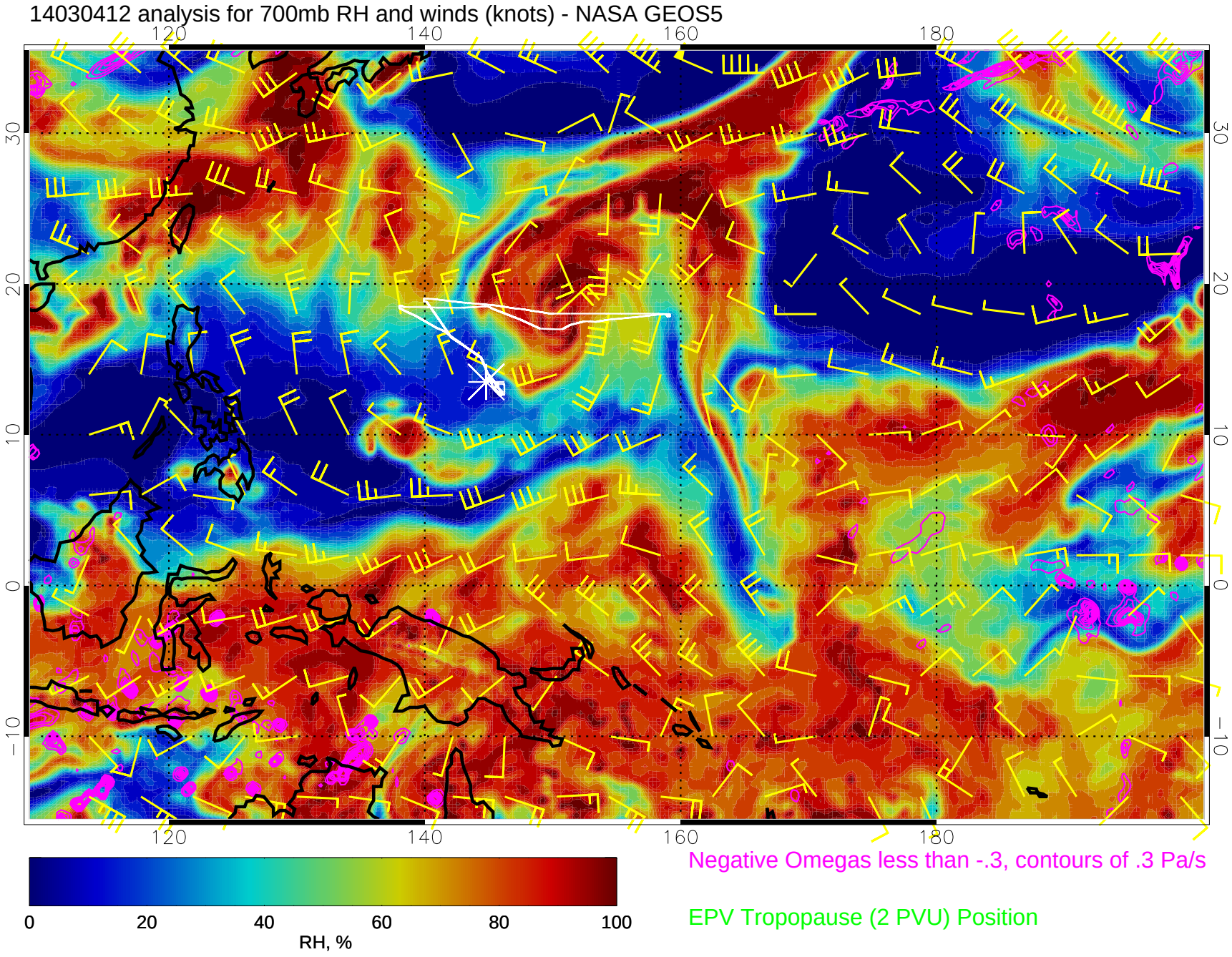


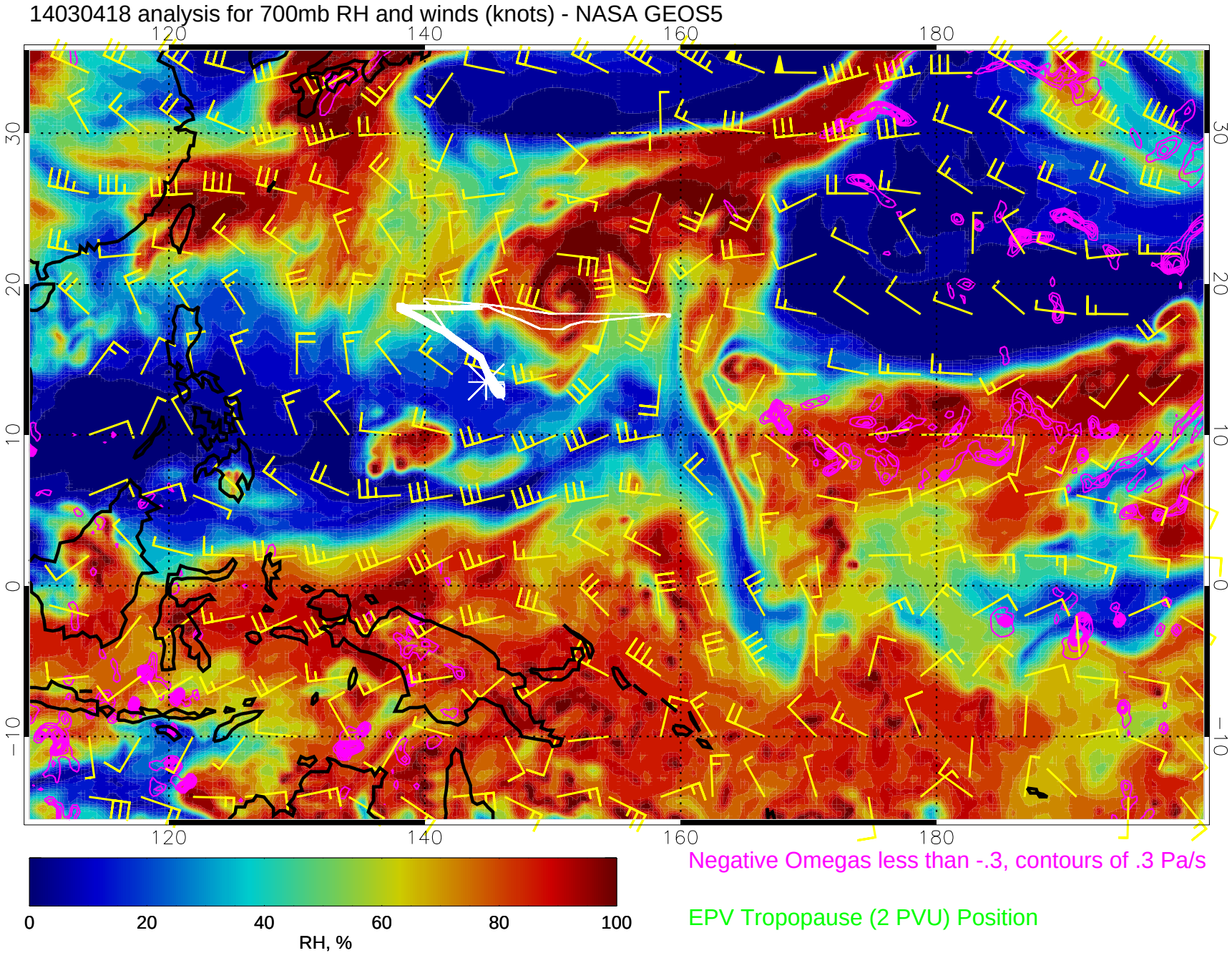
14030406 analysis for 700mb RH and winds (knots) - NASA GEOS5



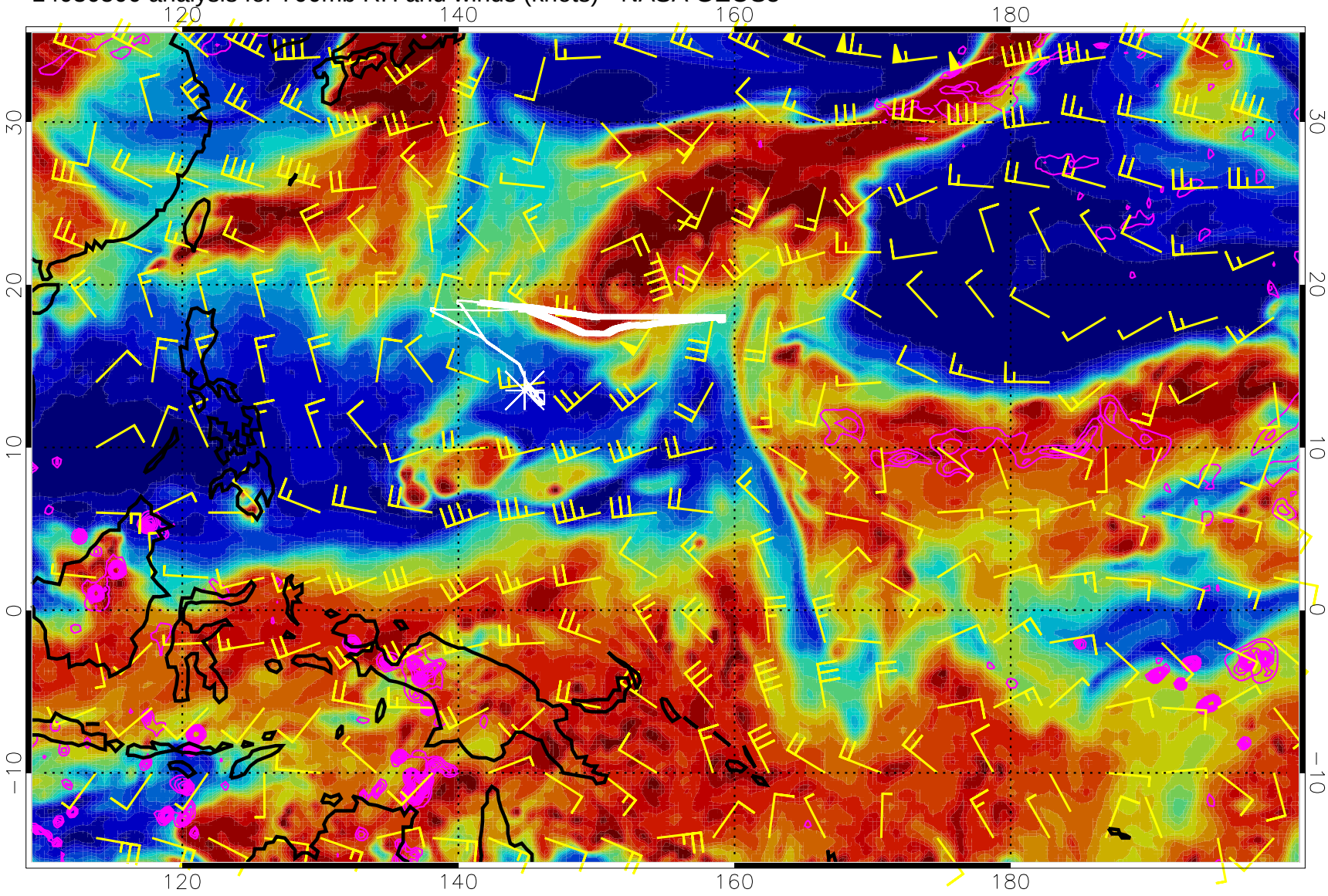
Negative Omegas less than -.3, contours of .3 Pa/s

EPV Tropopause (2 PVU) Position


14030412 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position


14030418 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14030500 analysis for 700mb RH and winds (knots) - NASA GEOS5



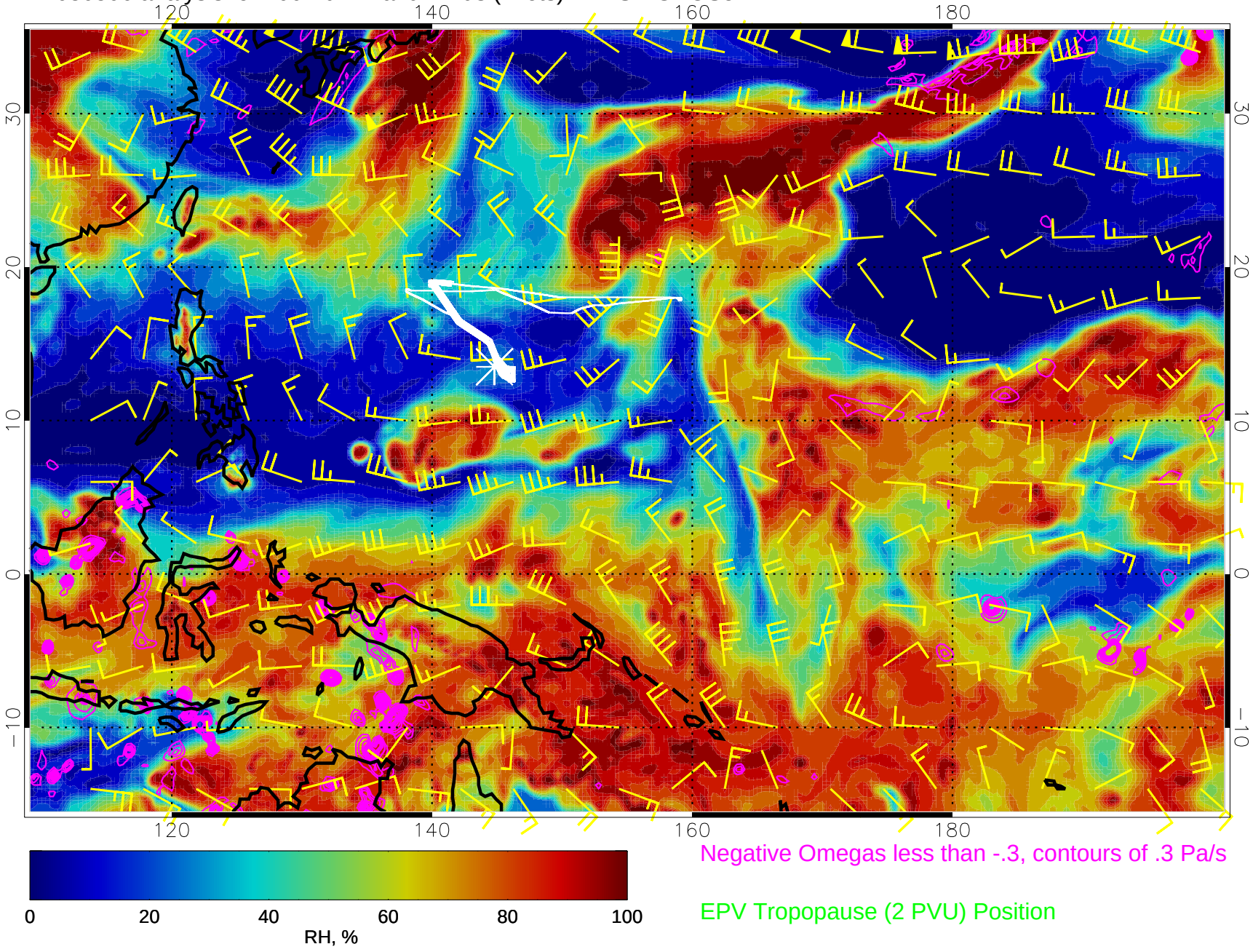
0 20 40 60 80 100

RH, %

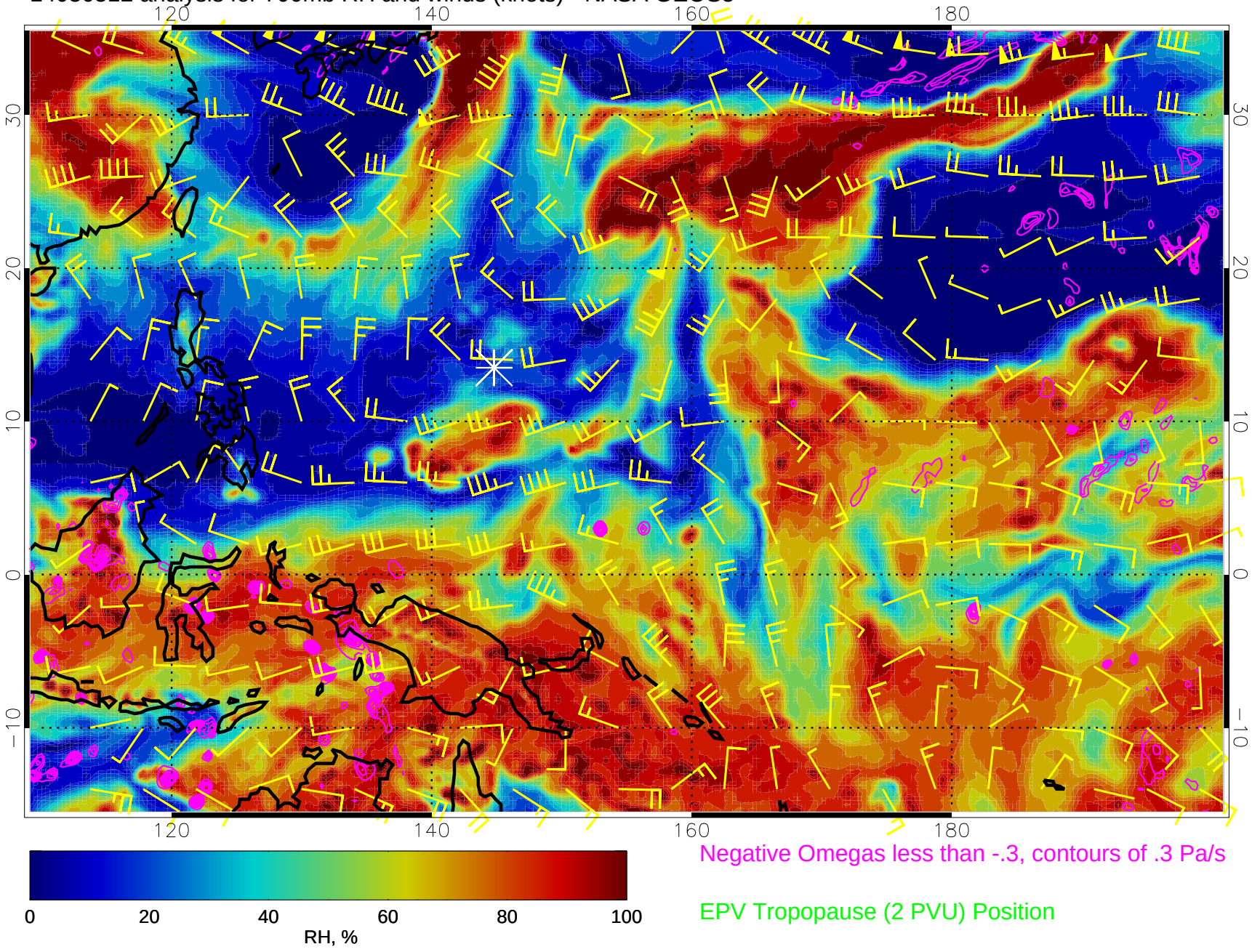
Negative Omegas less than -.3, contours of .3 Pa/s

EPV Tropopause (2 PVU) Position

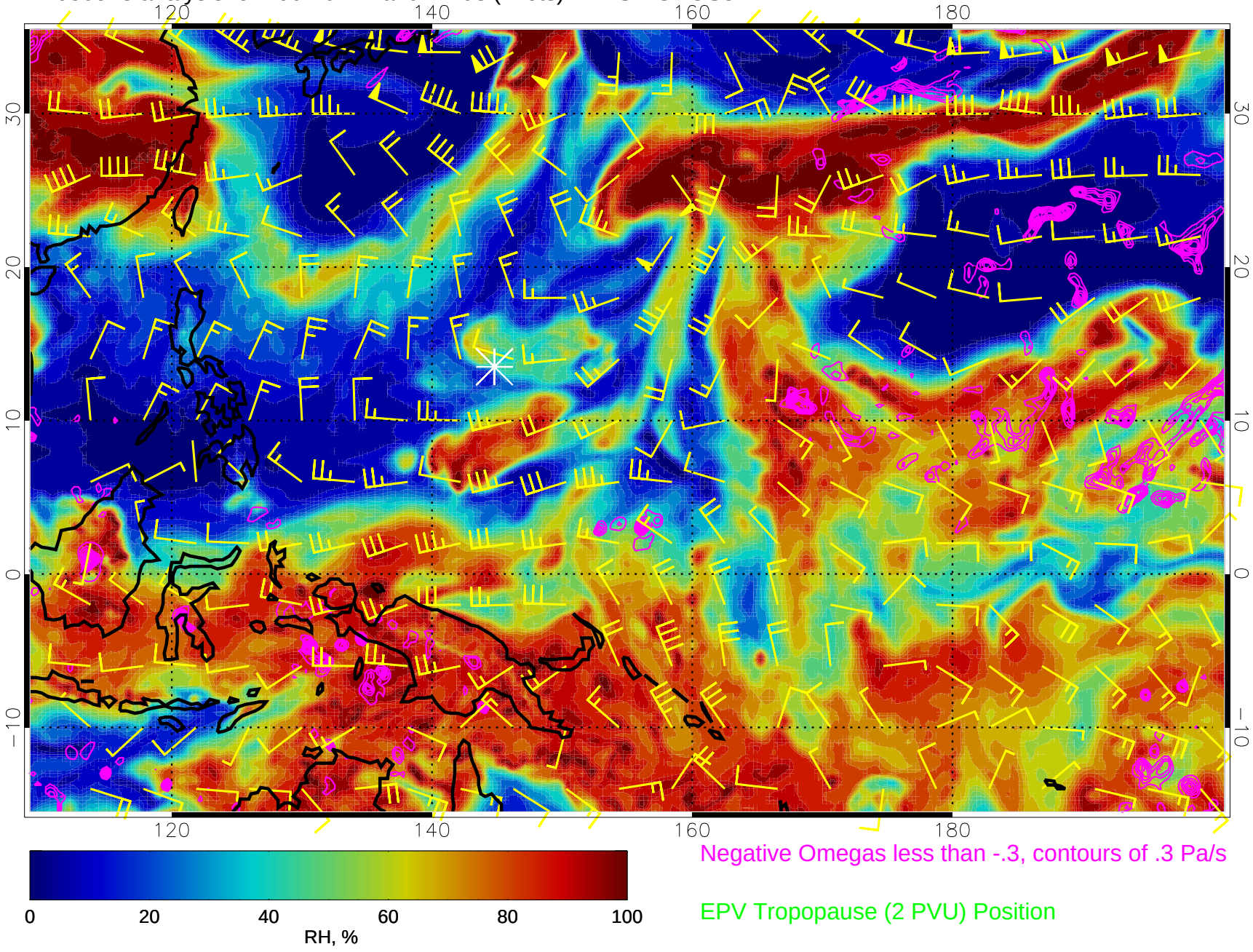
14030506 analysis for 700mb RH and winds (knots) - NASA GEOS5



14030512 analysis for 700mb RH and winds (knots) - NASA GEOS5



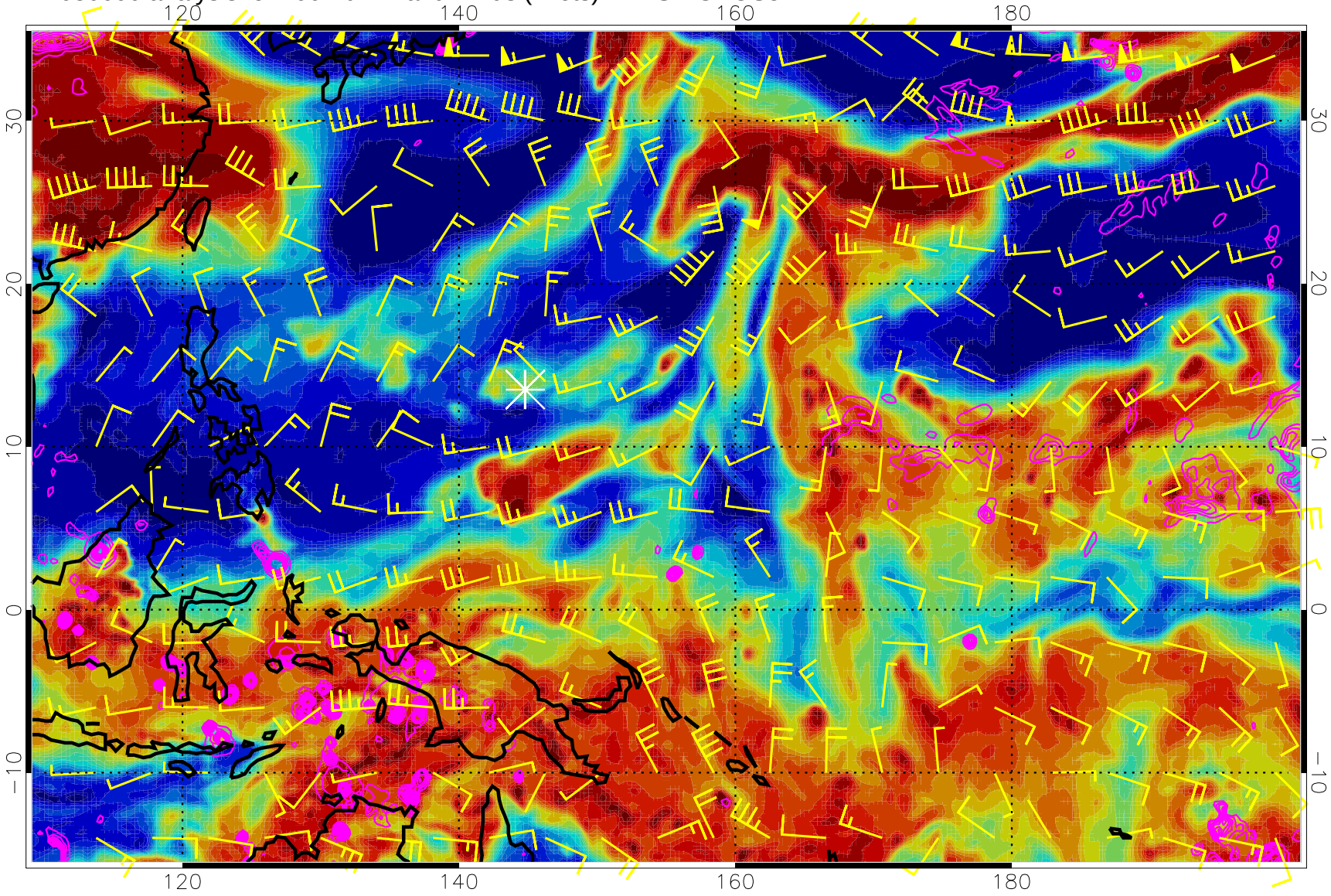
14030518 analysis for 700mb RH and winds (knots) - NASA GEOS5



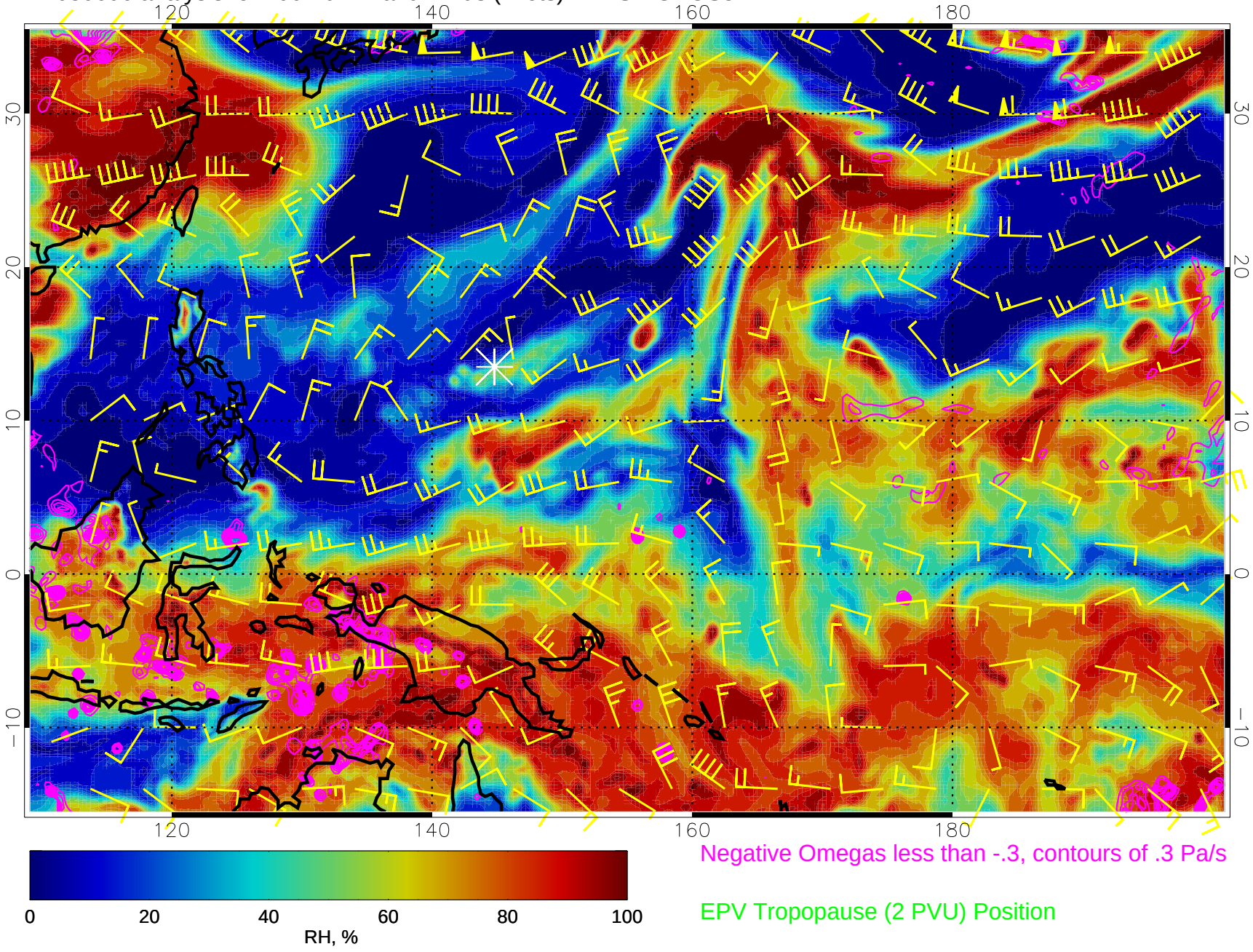
Negative Omegas less than -.3, contours of .3 Pa/s

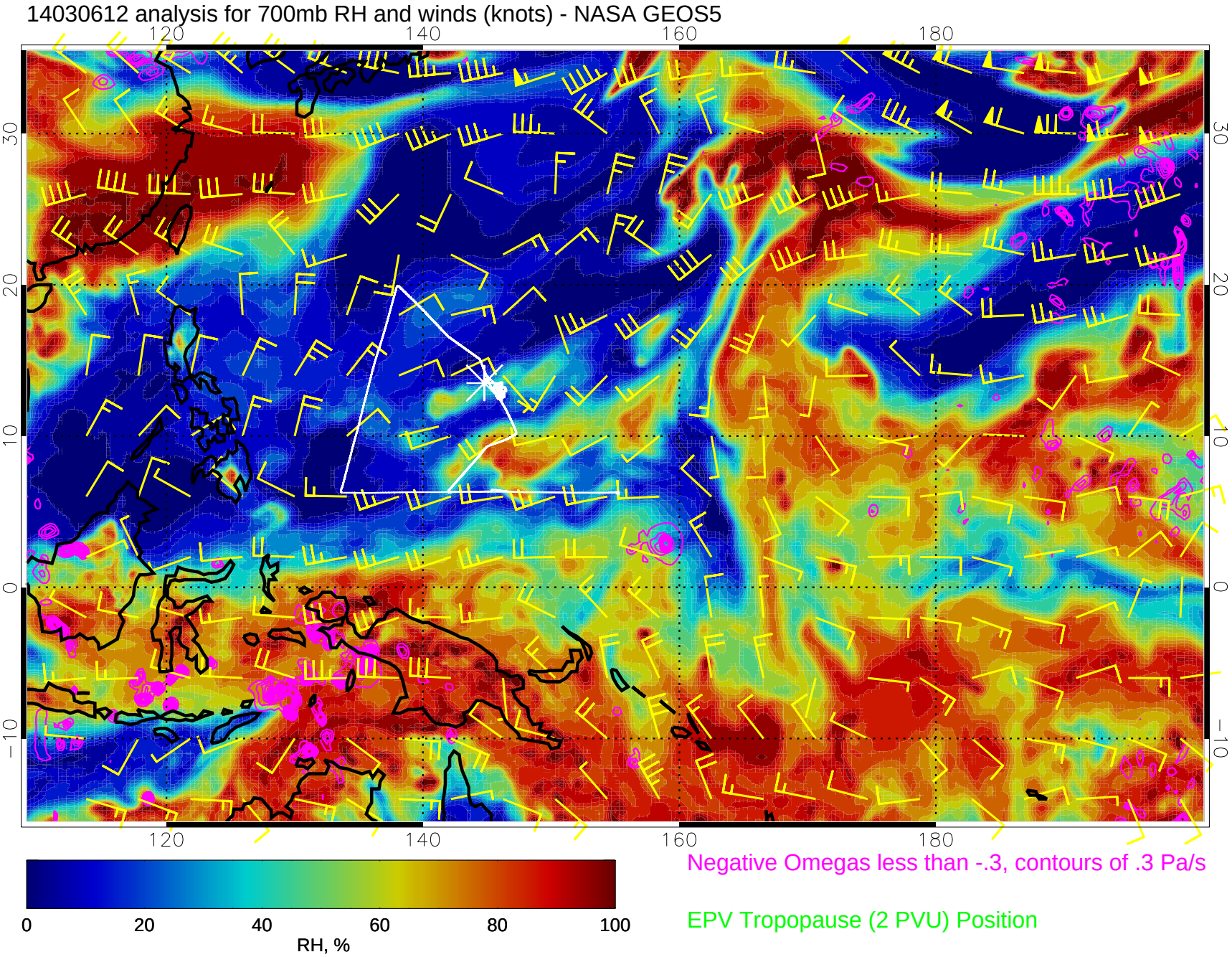
EPV Tropopause (2 PVU) Position

14030600 analysis for 700mb RH and winds (knots) - NASA GEOS5

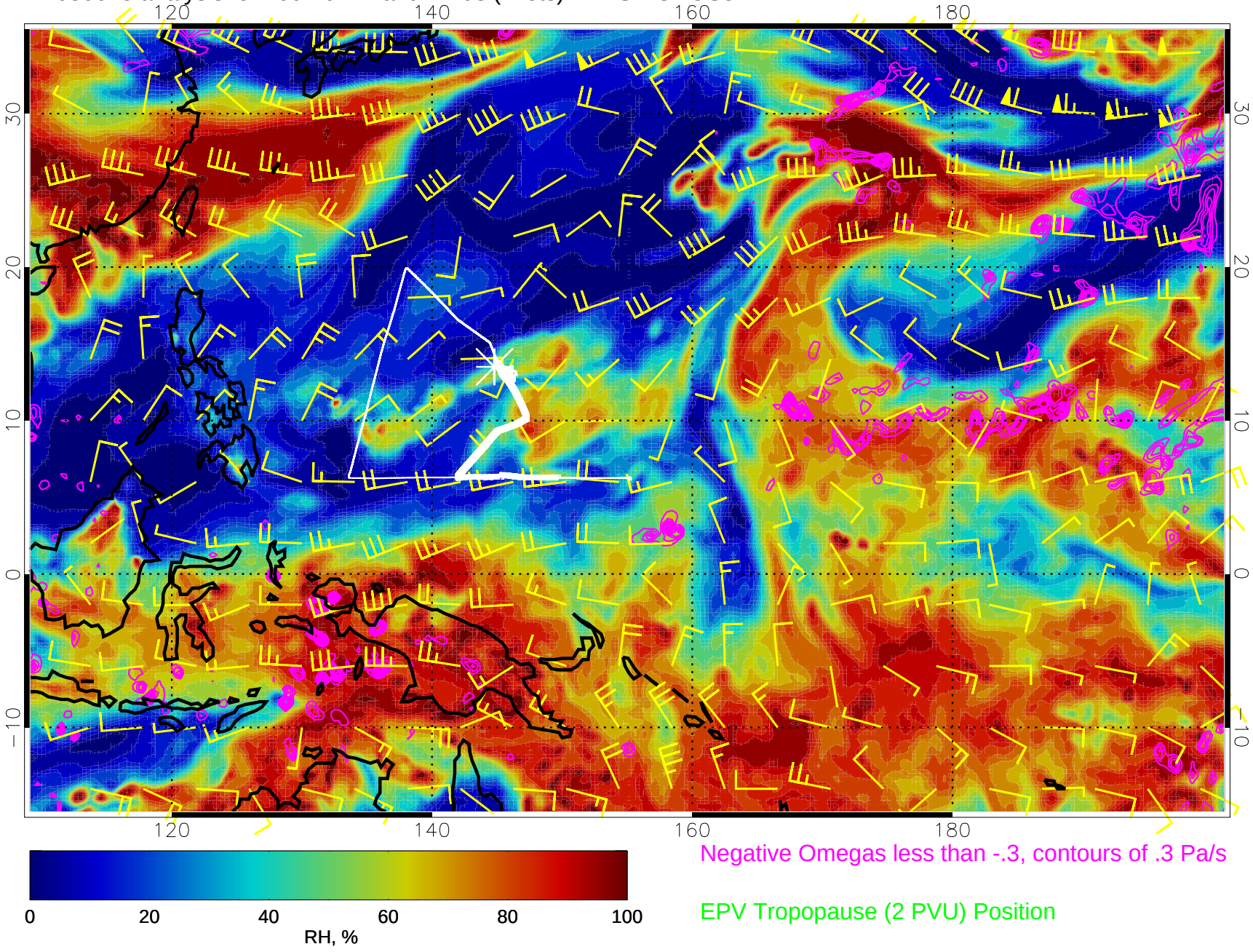


14030606 analysis for 700mb RH and winds (knots) - NASA GEOS5

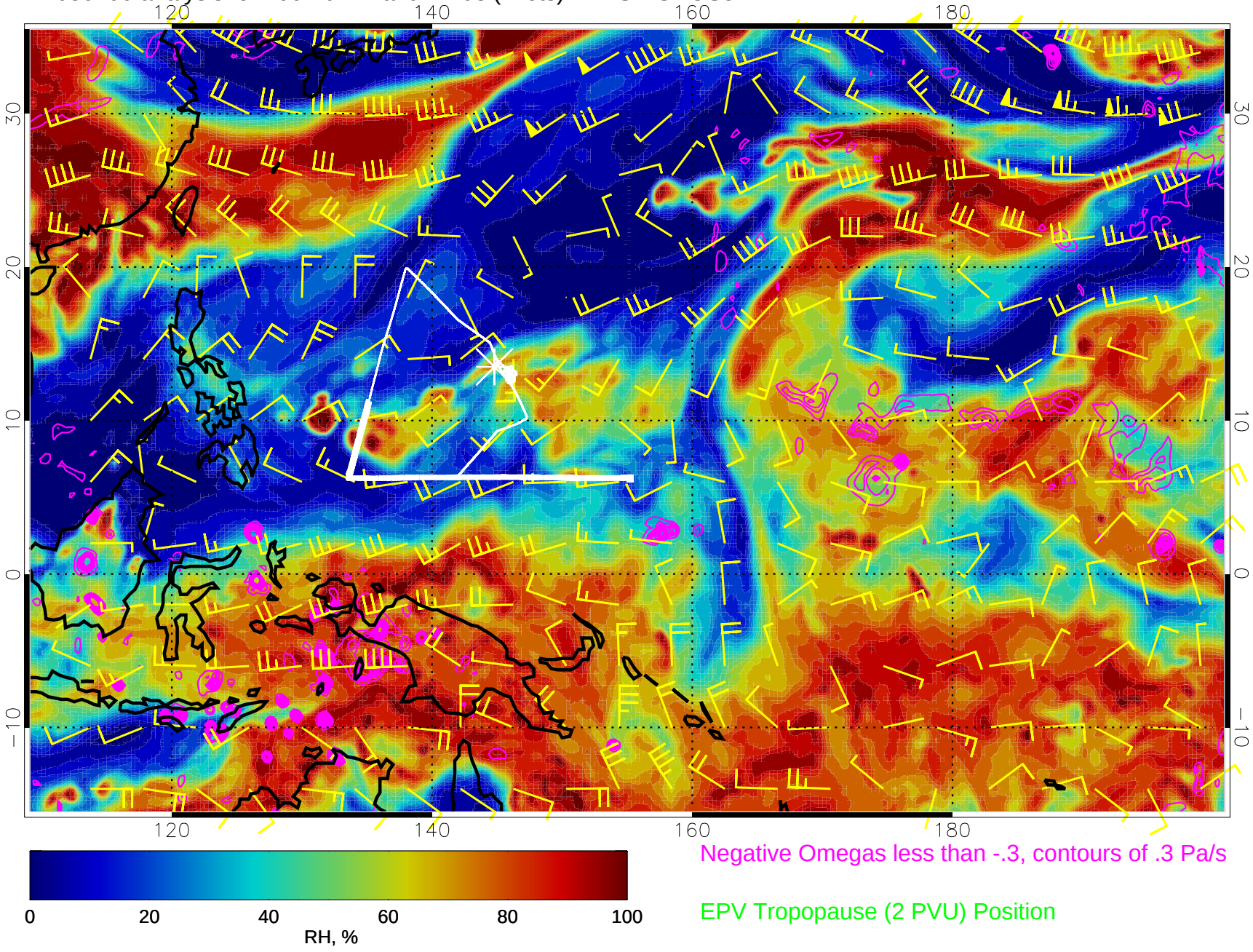



14030612 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

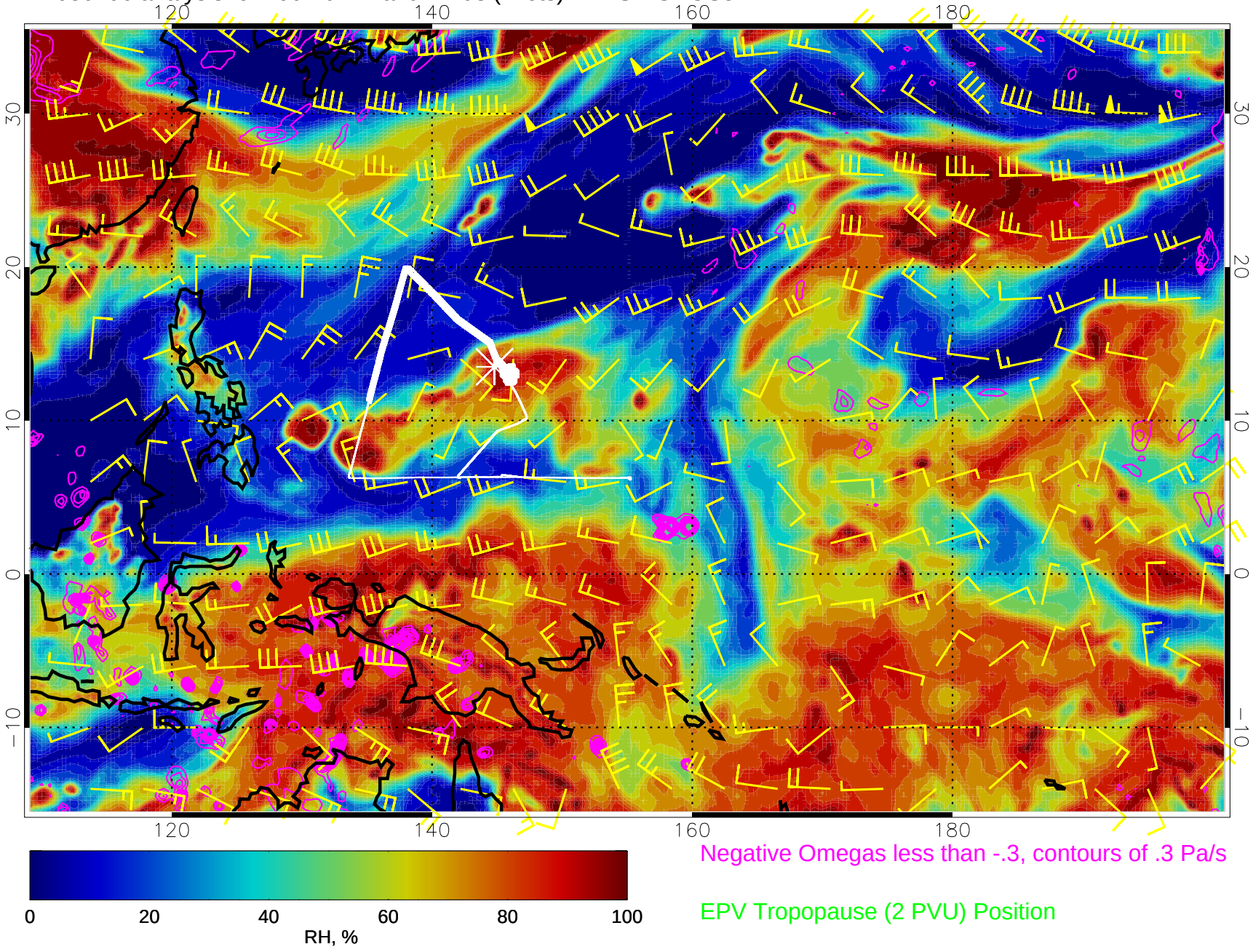
14030618 analysis for 700mb RH and winds (knots) - NASA GEOS5

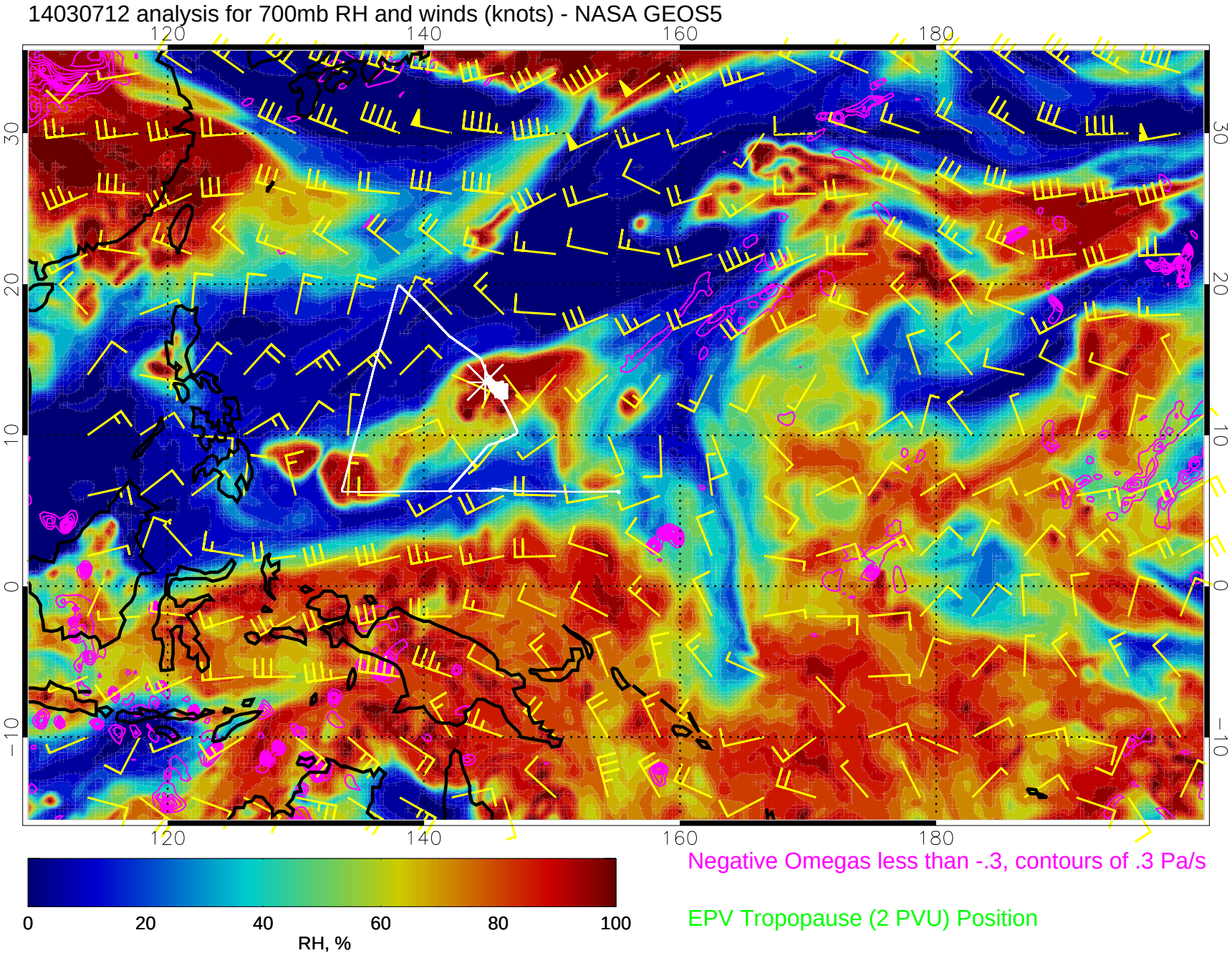


14030700 analysis for 700mb RH and winds (knots) - NASA GEOS5

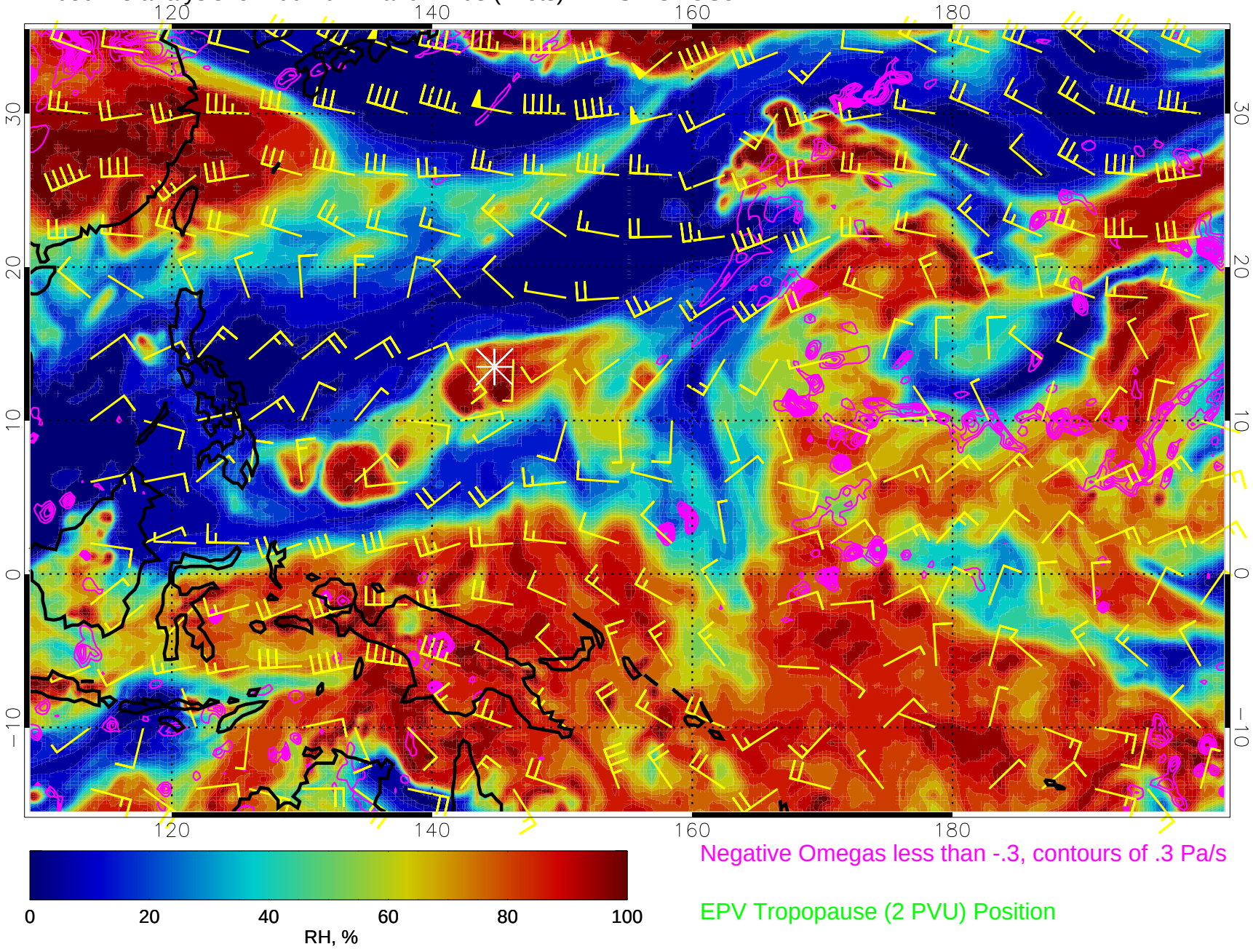


14030706 analysis for 700mb RH and winds (knots) - NASA GEOS5

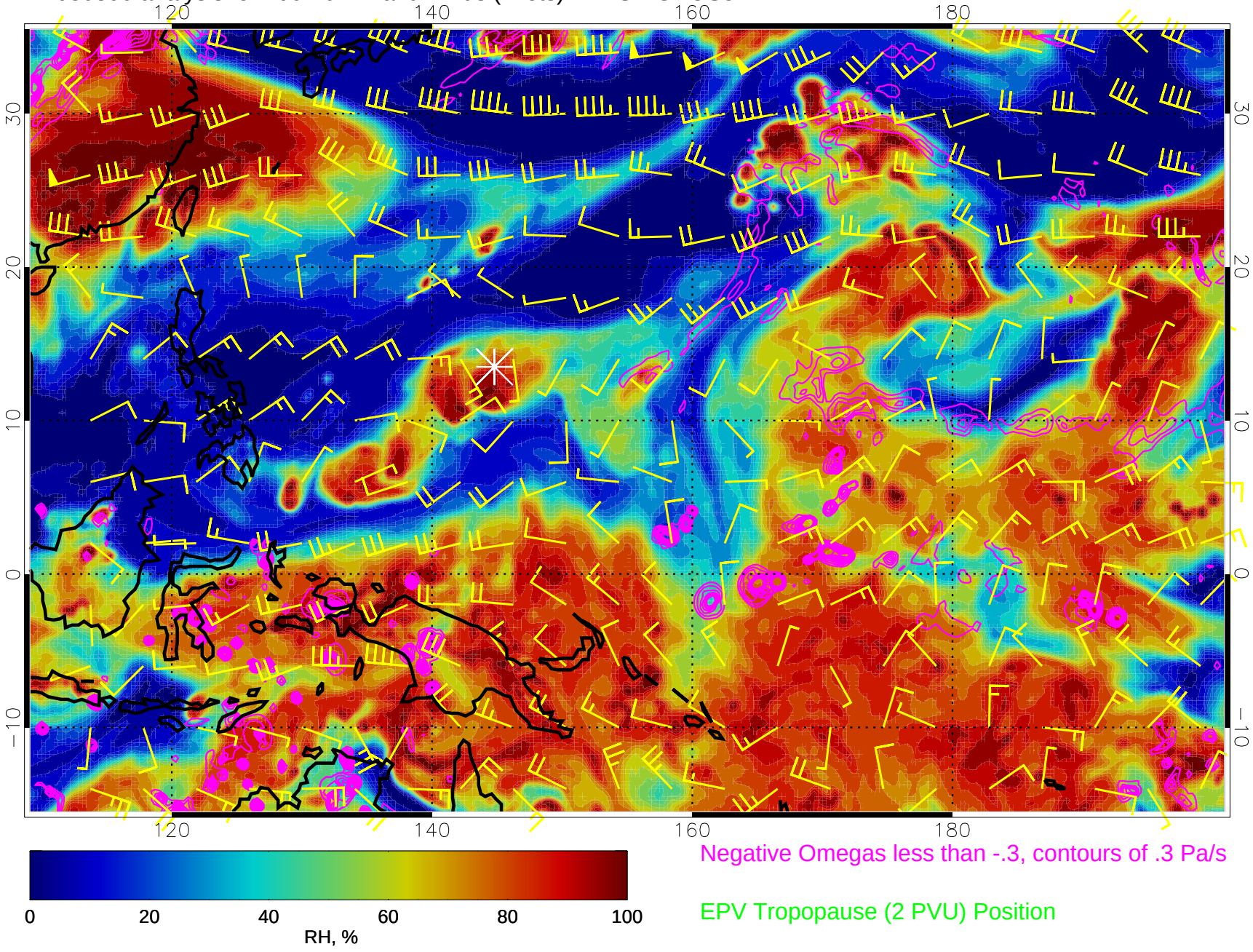



14030712 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

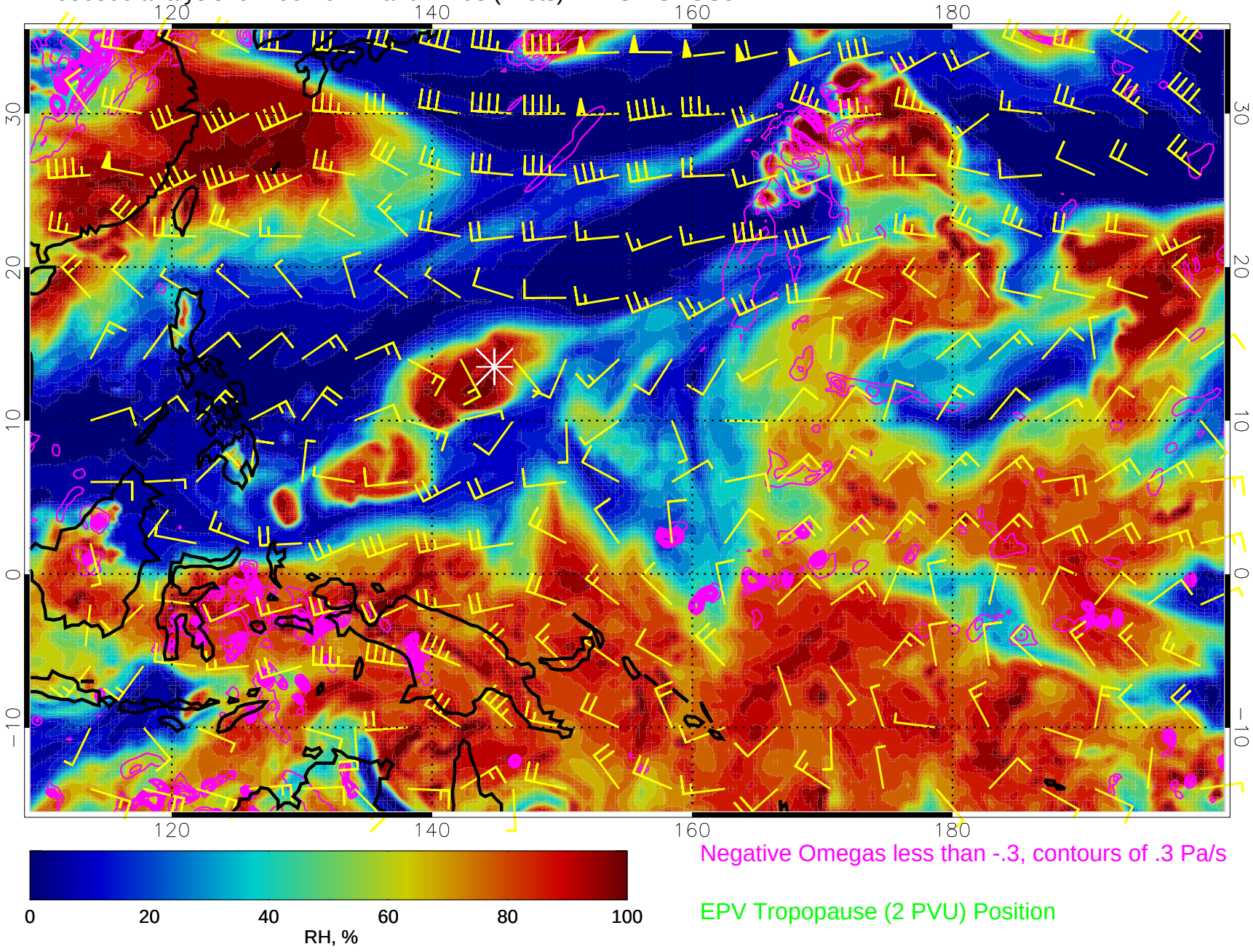
14030718 analysis for 700mb RH and winds (knots) - NASA GEOS5



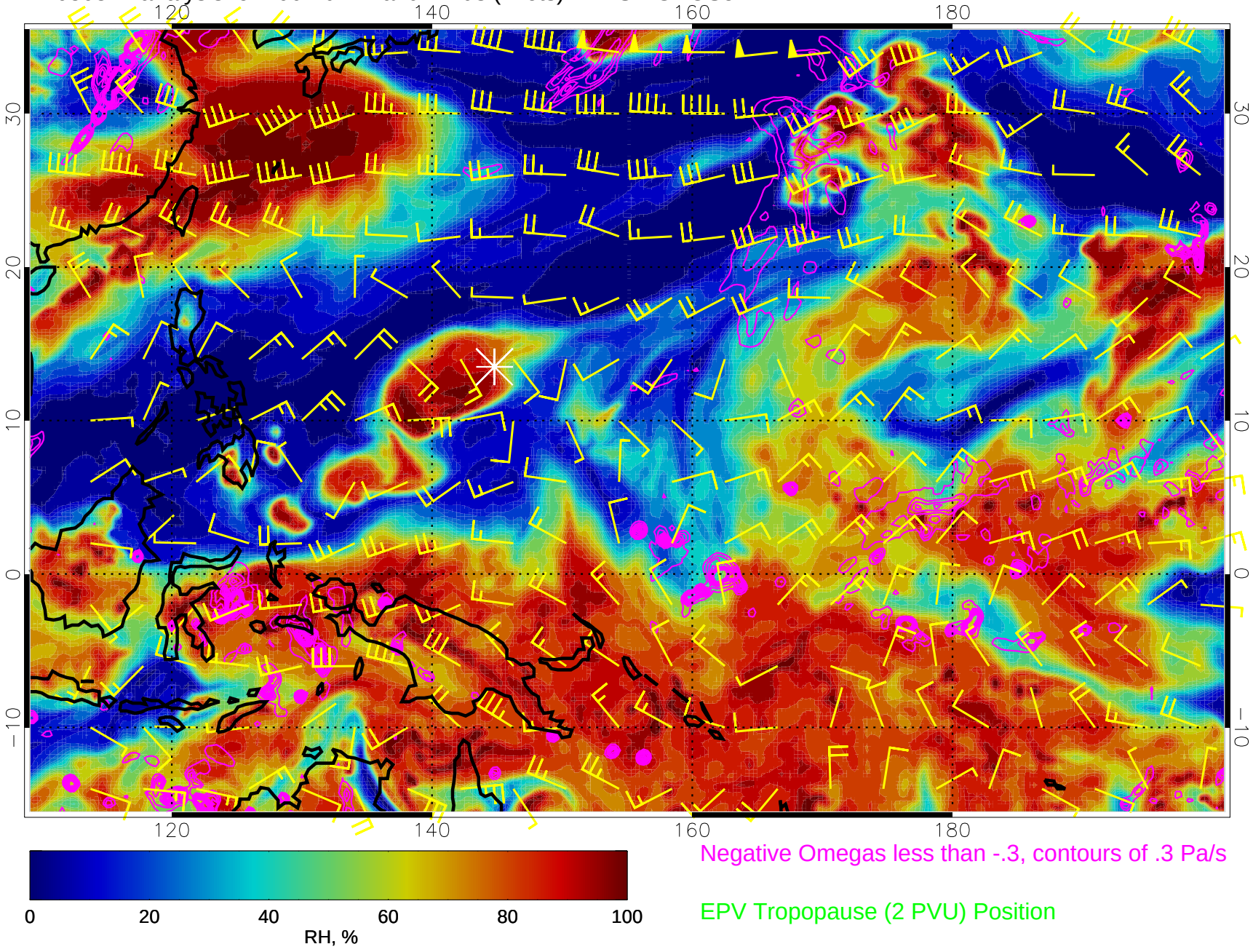
14030800 analysis for 700mb RH and winds (knots) - NASA GEOS5



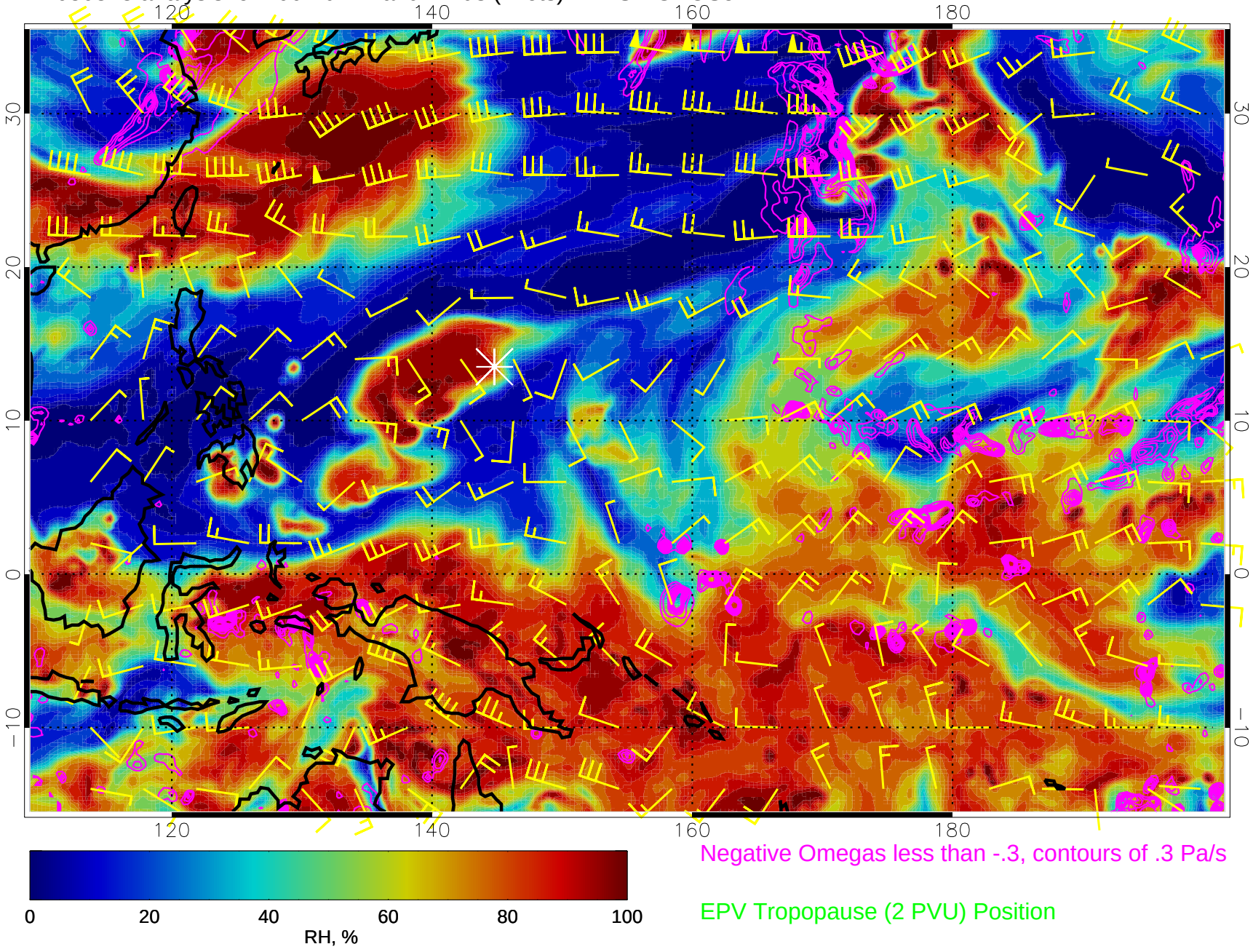
14030806 analysis for 700mb RH and winds (knots) - NASA GEOS5

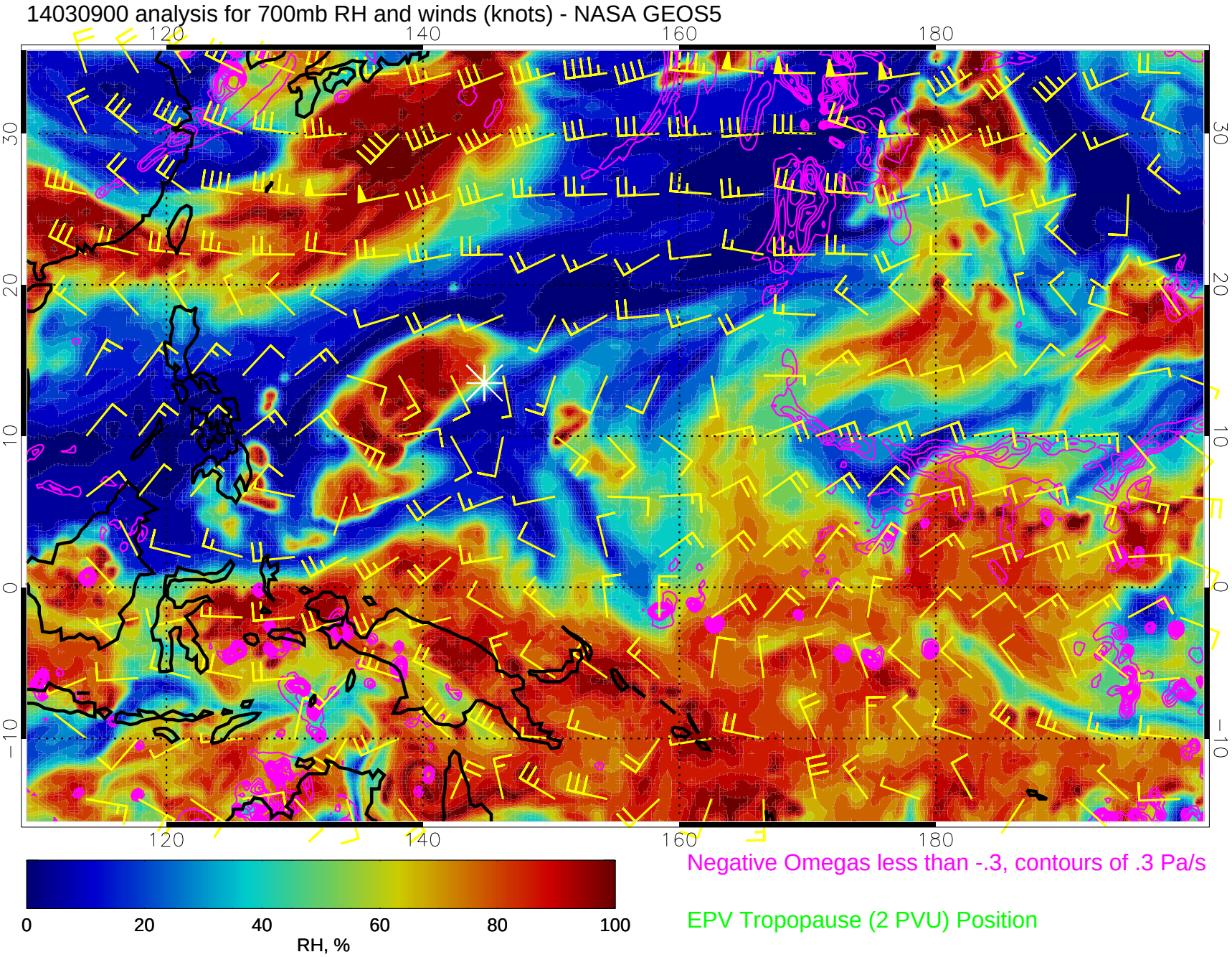


14030812 analysis for 700mb RH and winds (knots) - NASA GEOS5

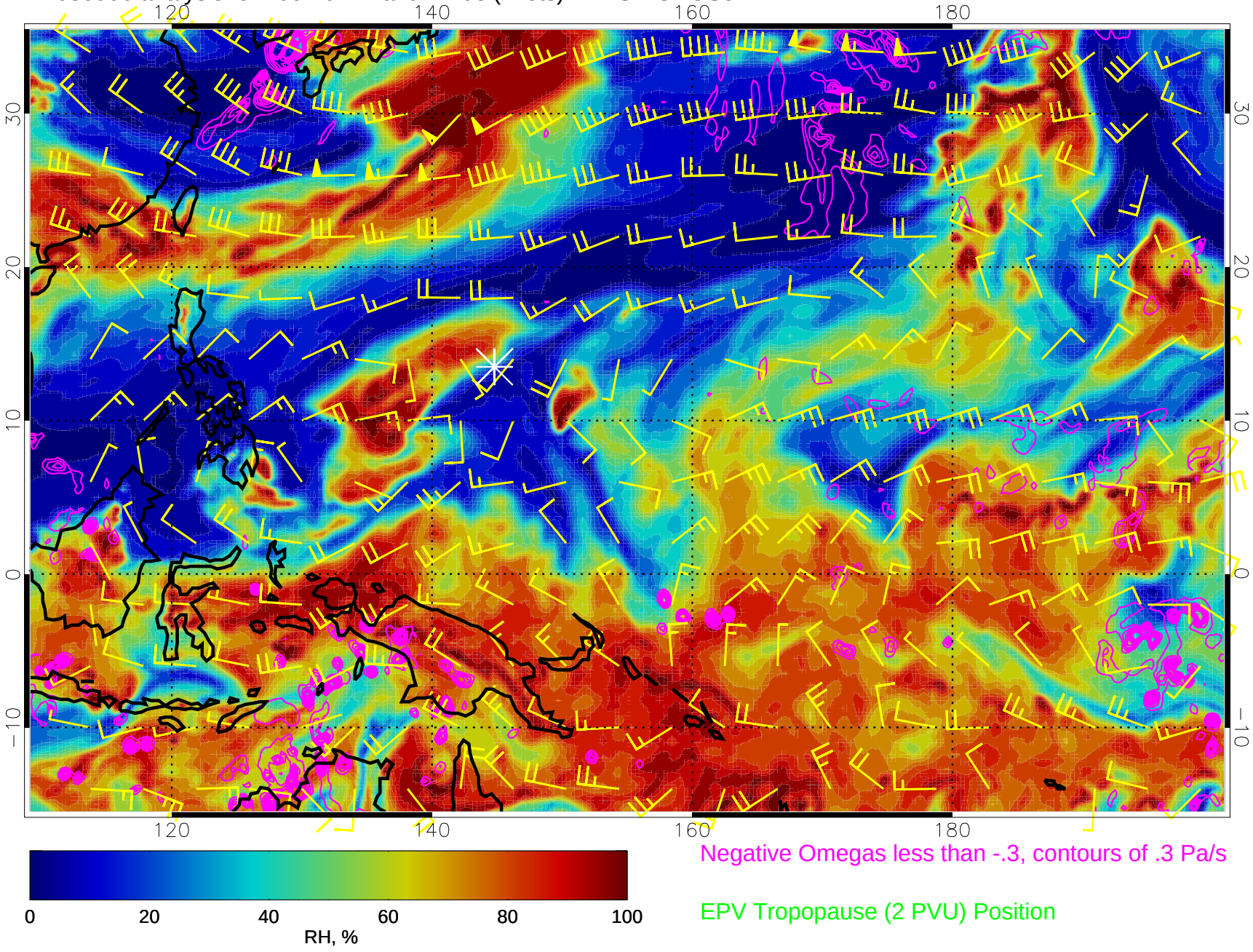


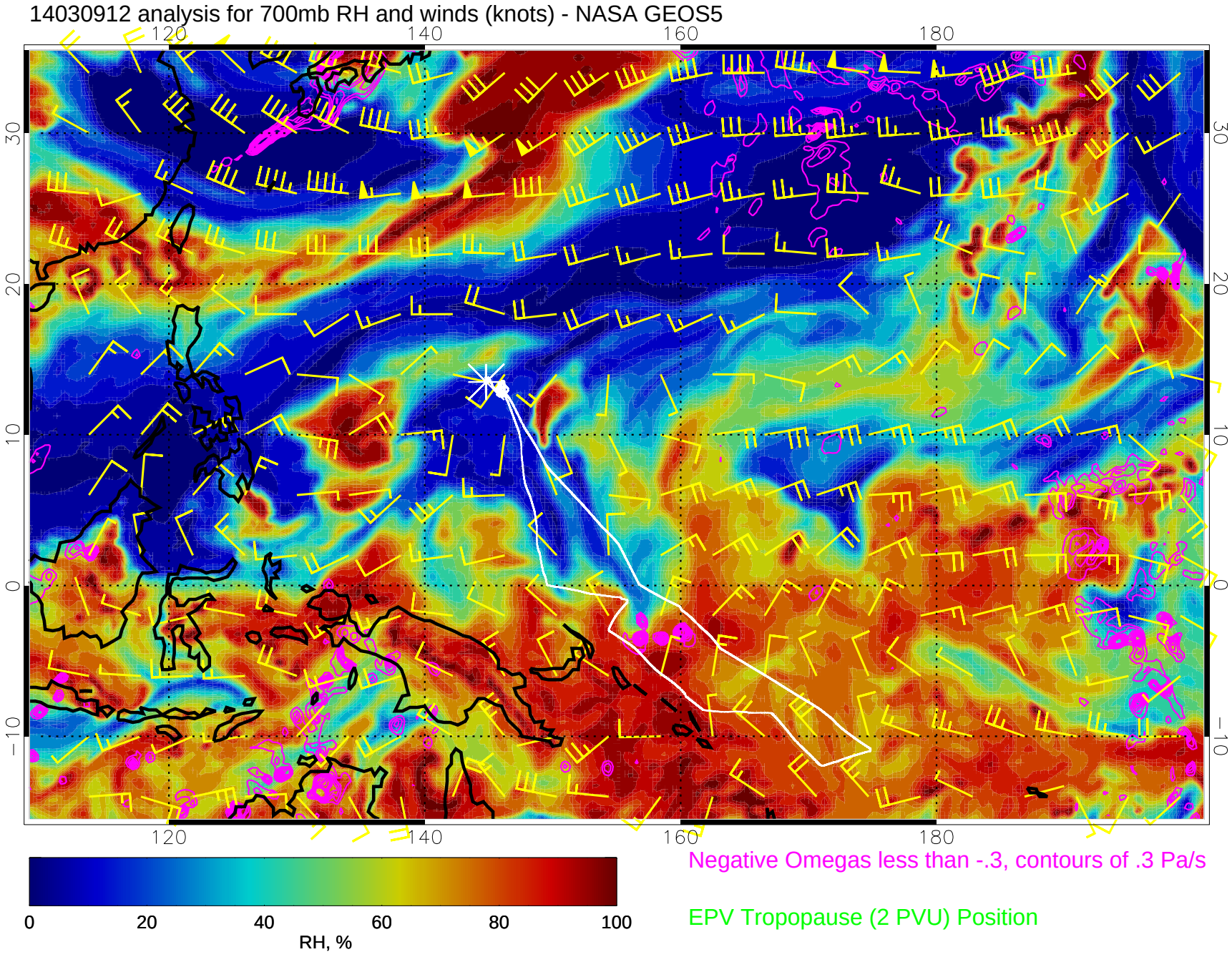
14030818 analysis for 700mb RH and winds (knots) - NASA GEOS5

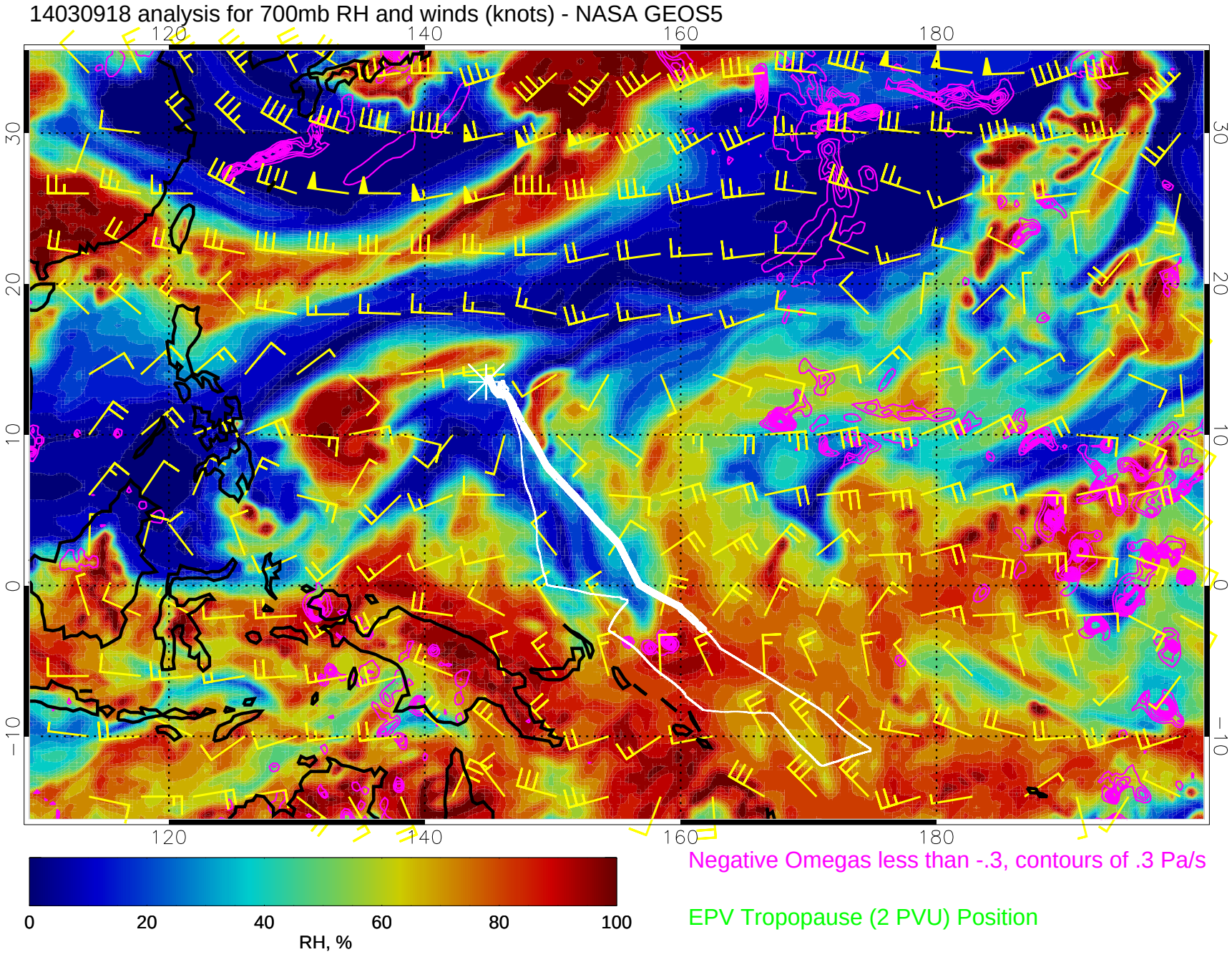


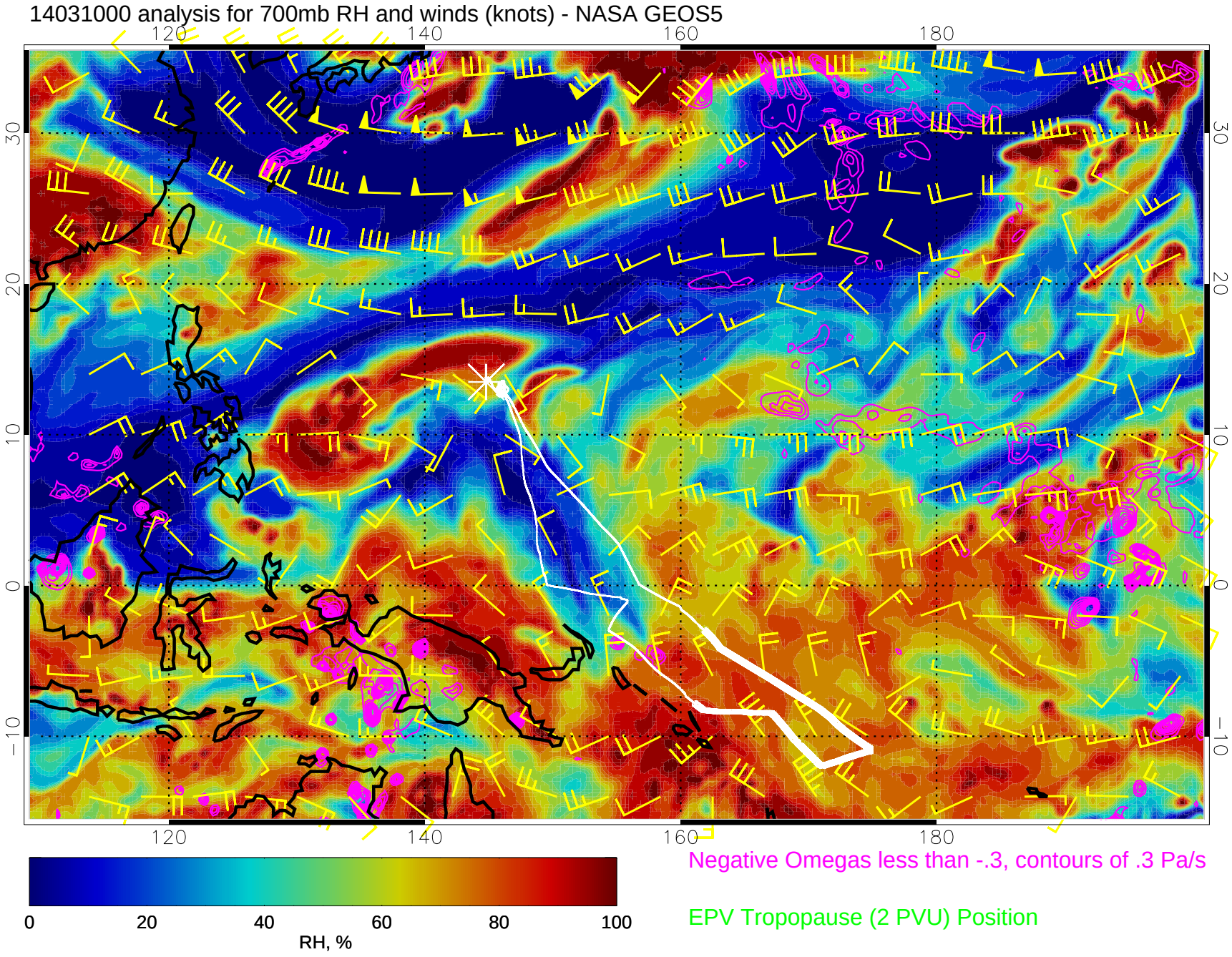

14030900 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

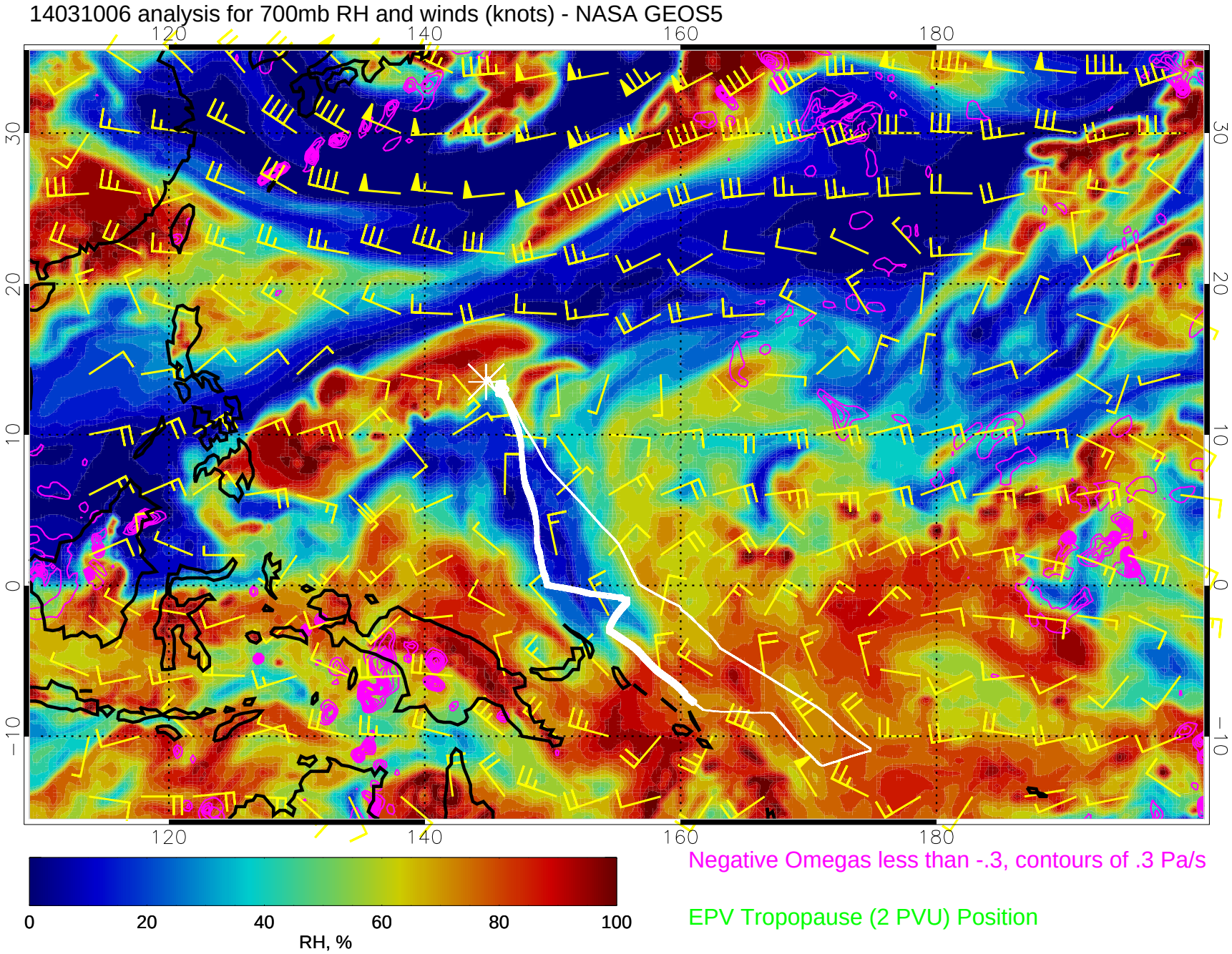
14030906 analysis for 700mb RH and winds (knots) - NASA GEOS5

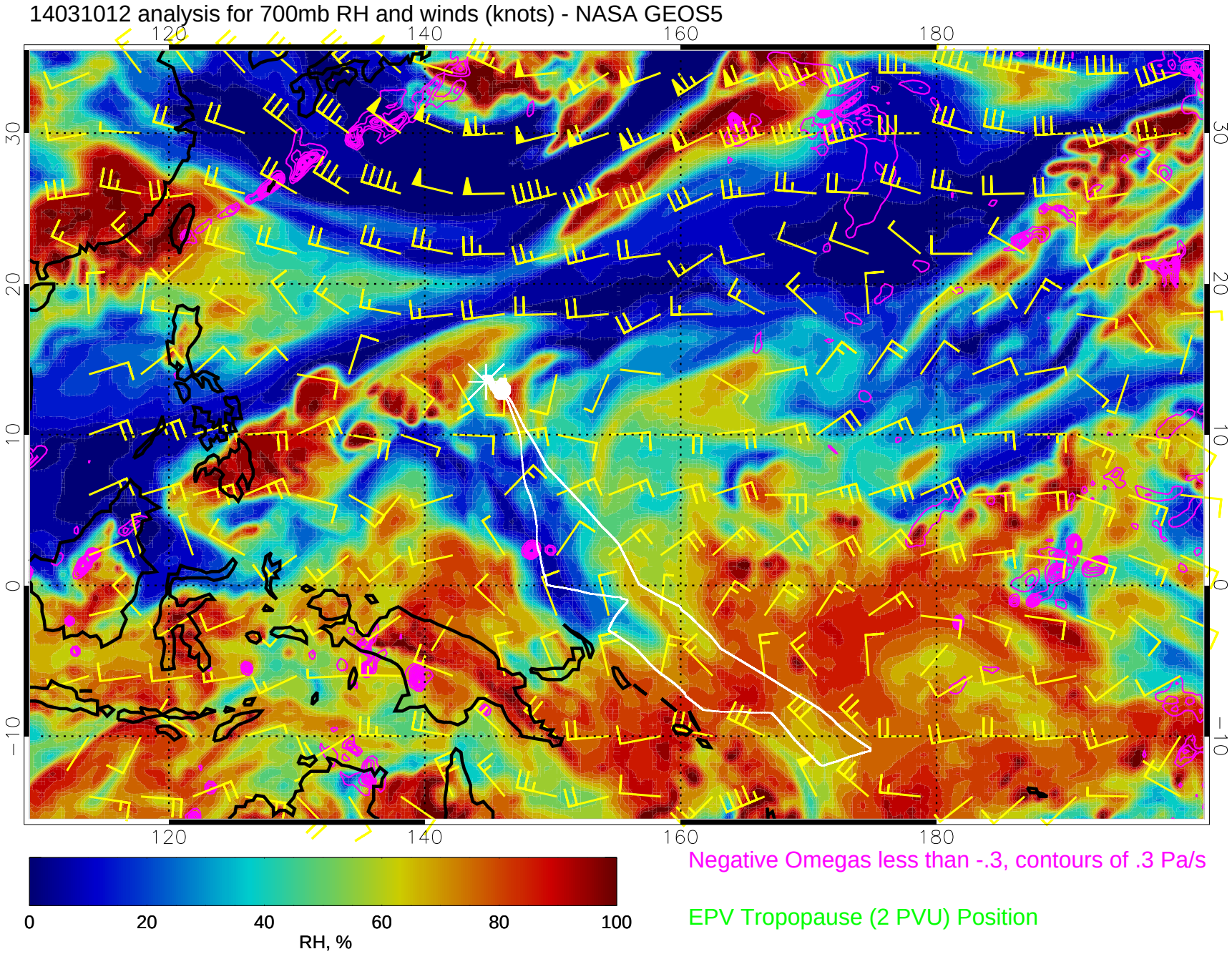



14030912 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

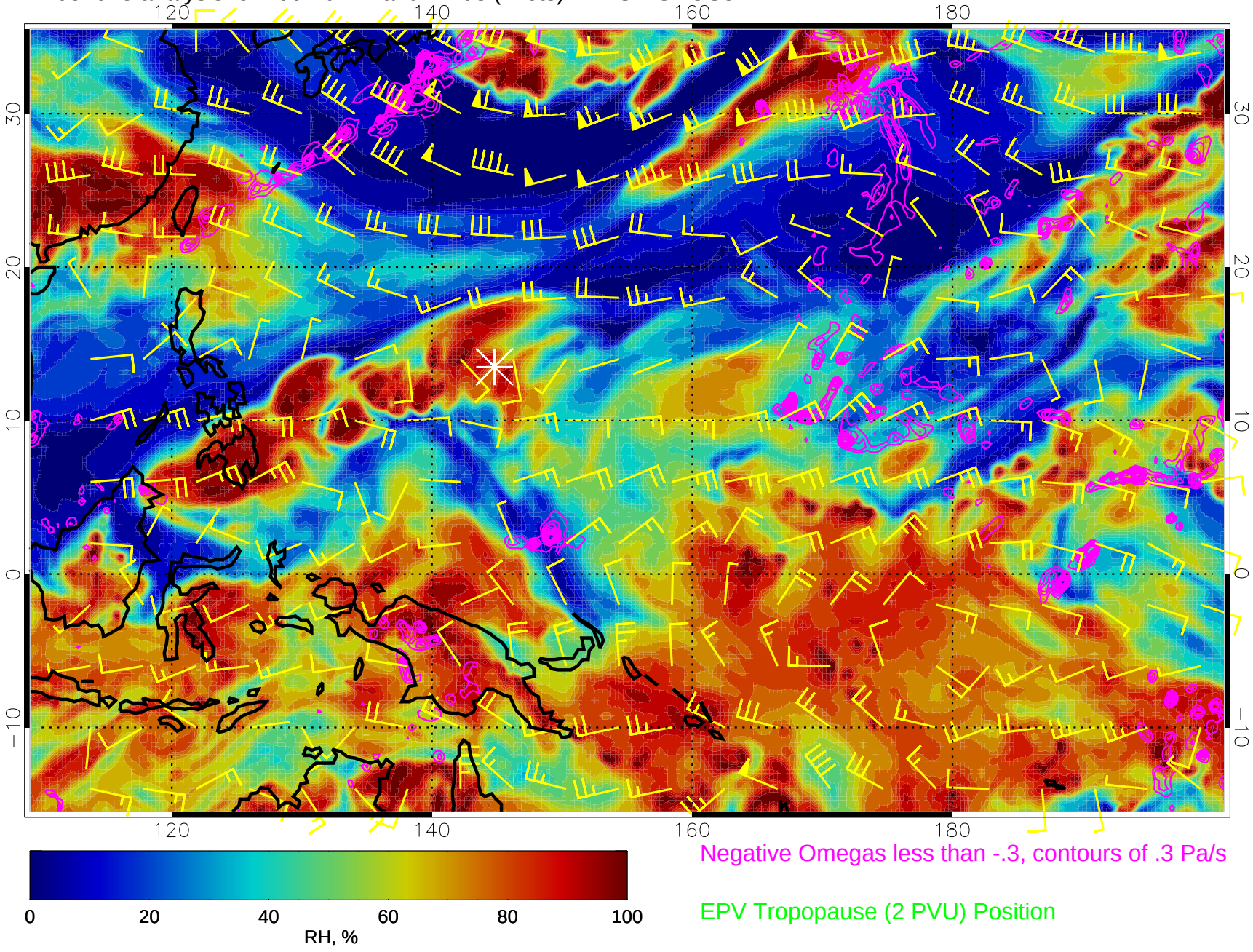

14030918 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position


14031000 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position


14031006 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position


14031012 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14031018 analysis for 700mb RH and winds (knots) - NASA GEOS5



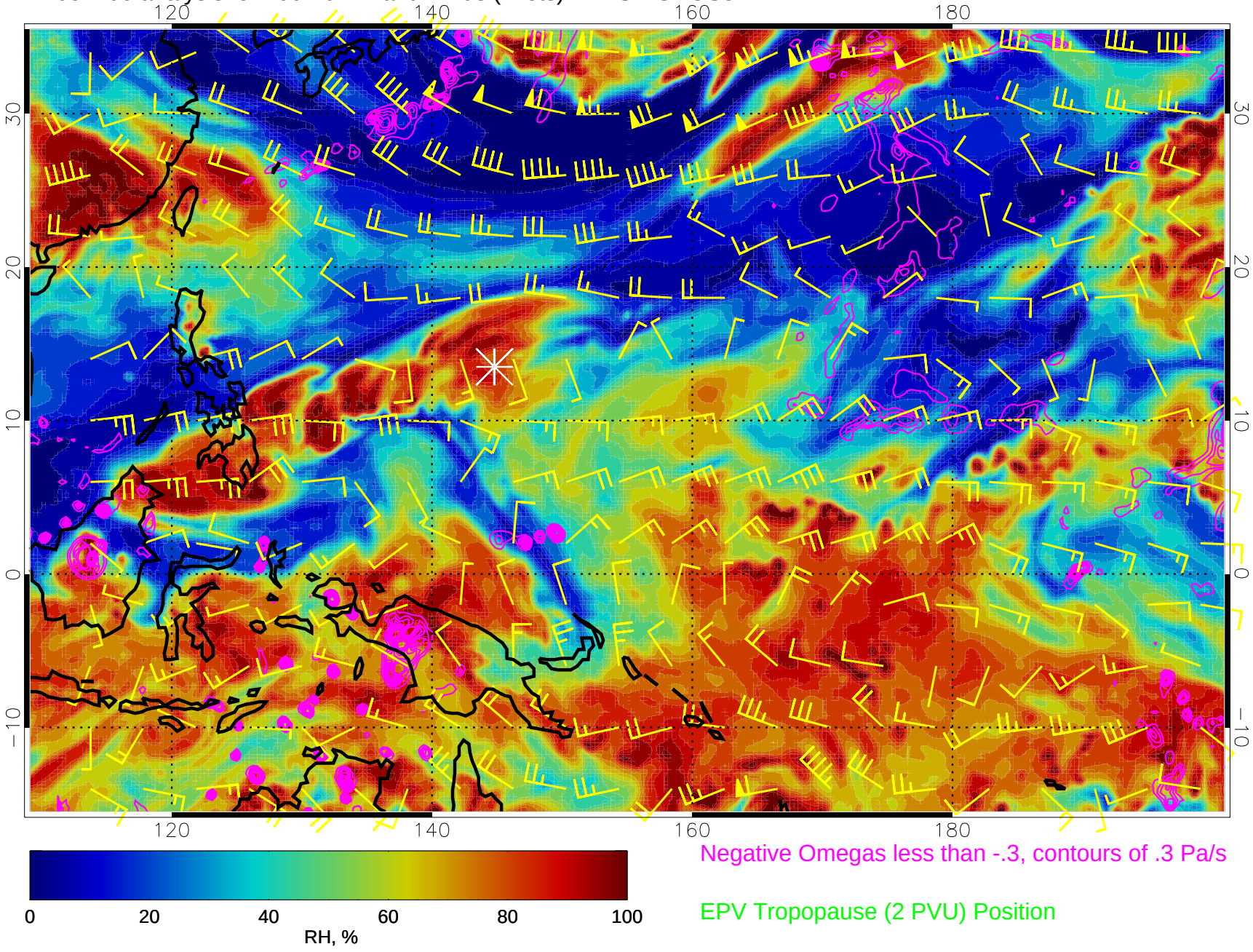
0 20 40 60 80 100

RH, %

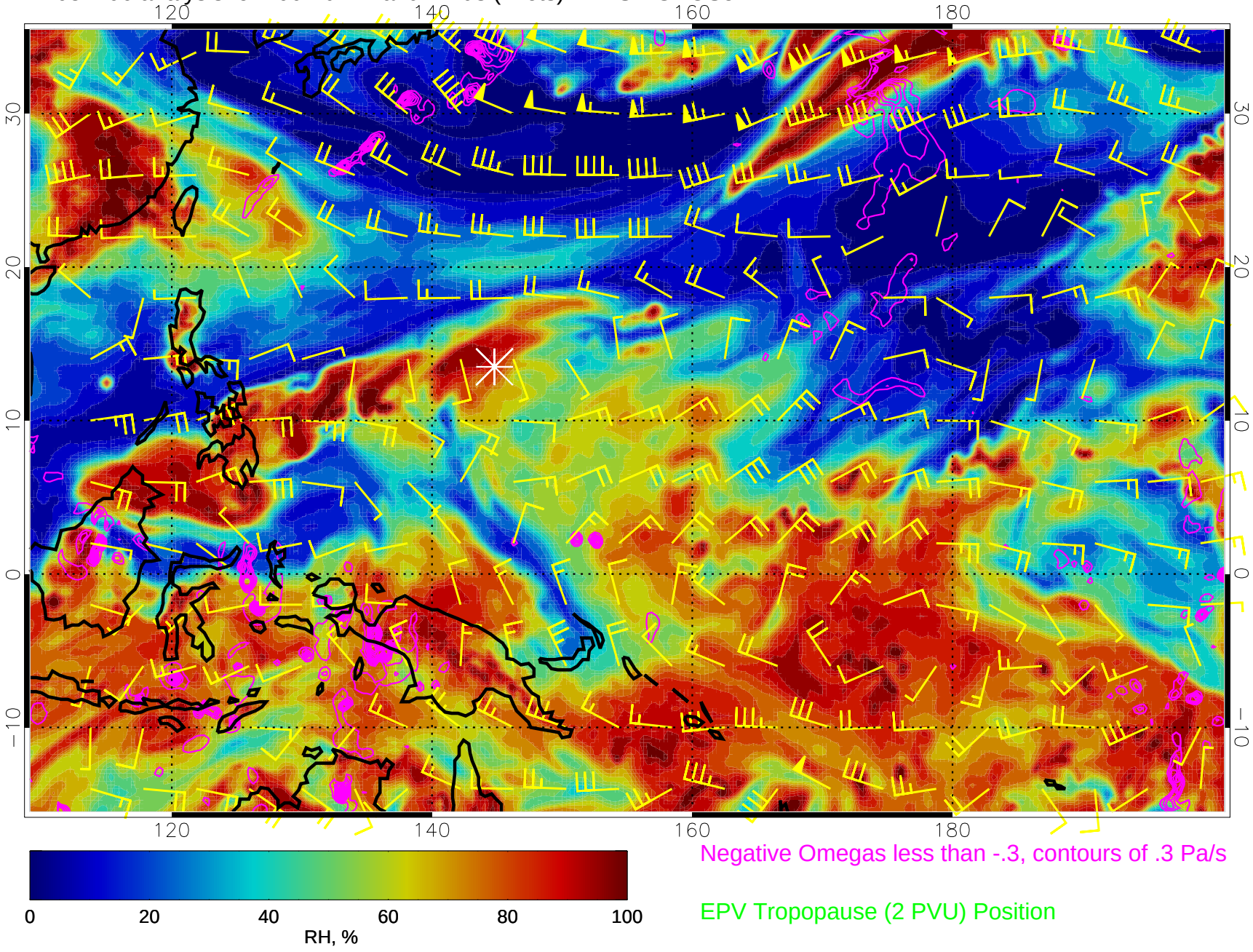
Negative Omegas less than -.3, contours of .3 Pa/s

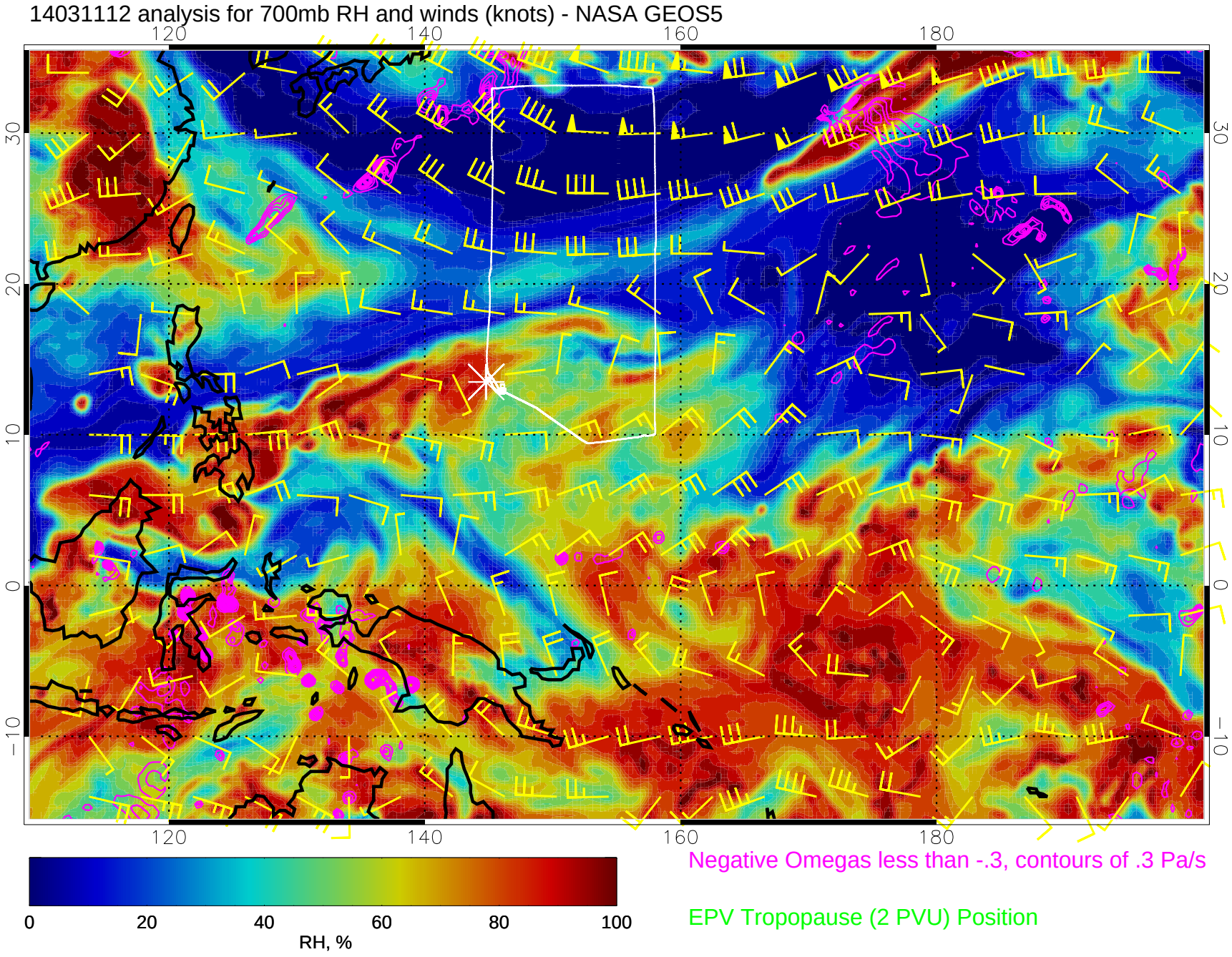
EPV Tropopause (2 PVU) Position

14031100 analysis for 700mb RH and winds (knots) - NASA GEOS5

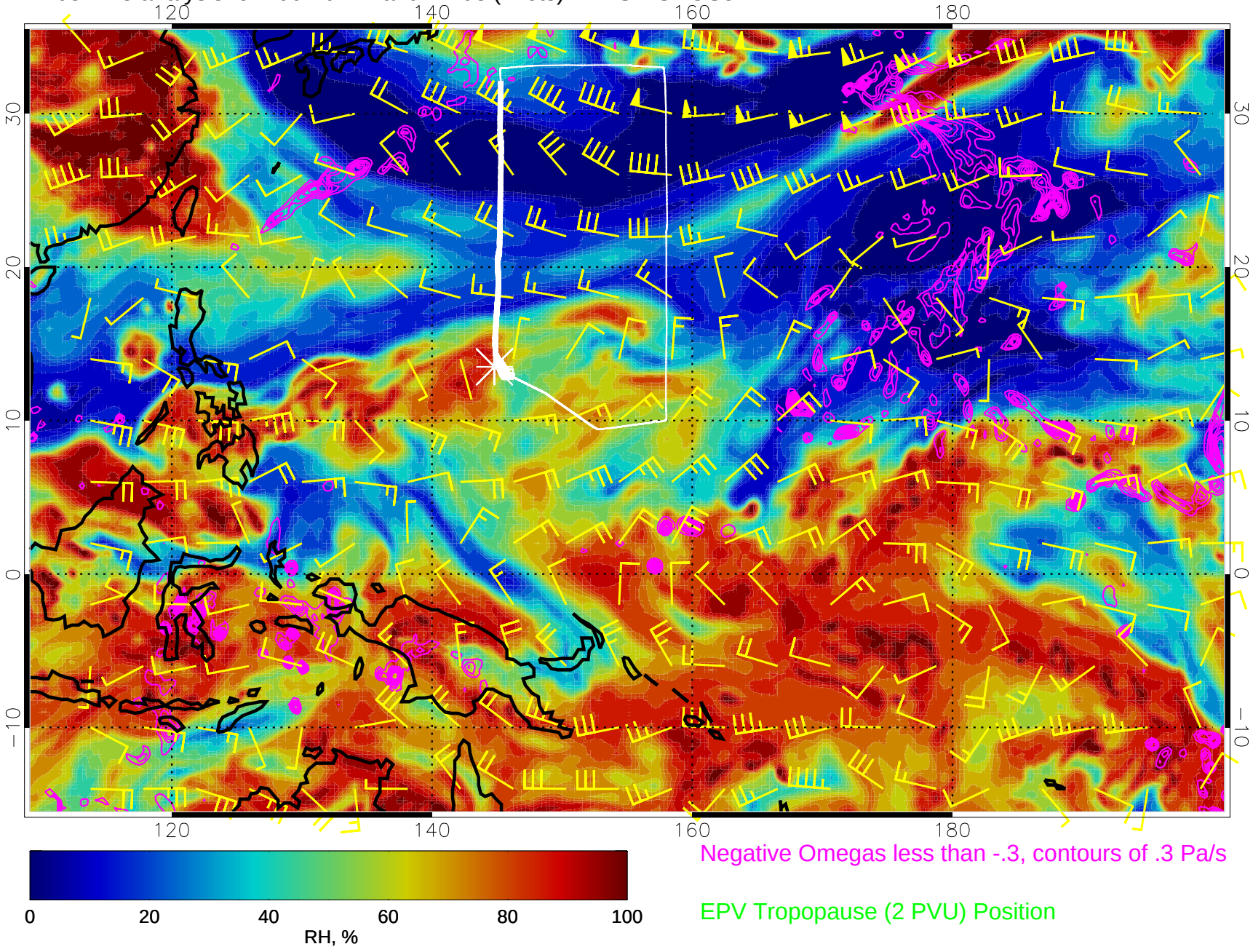


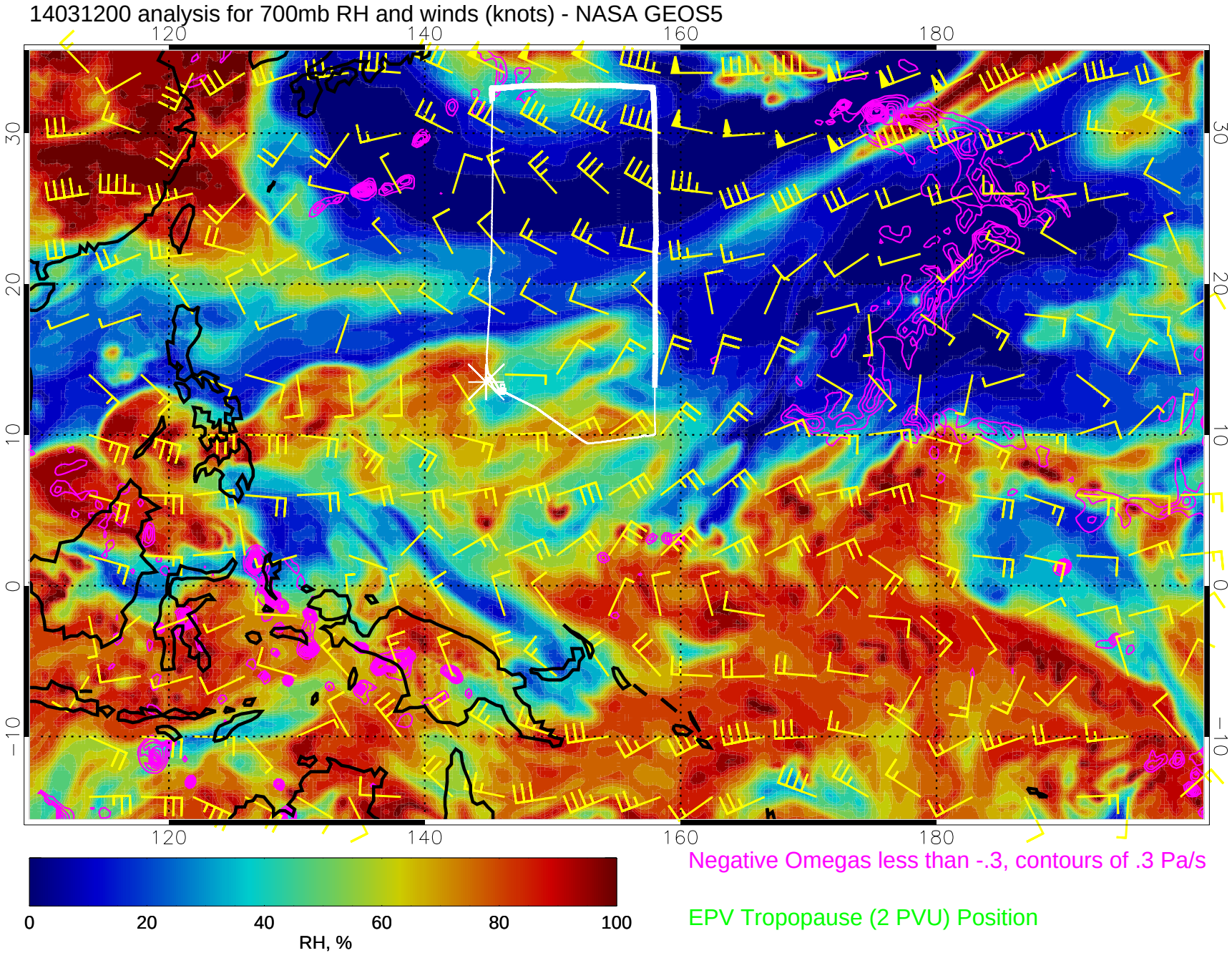
14031106 analysis for 700mb RH and winds (knots) - NASA GEOS5



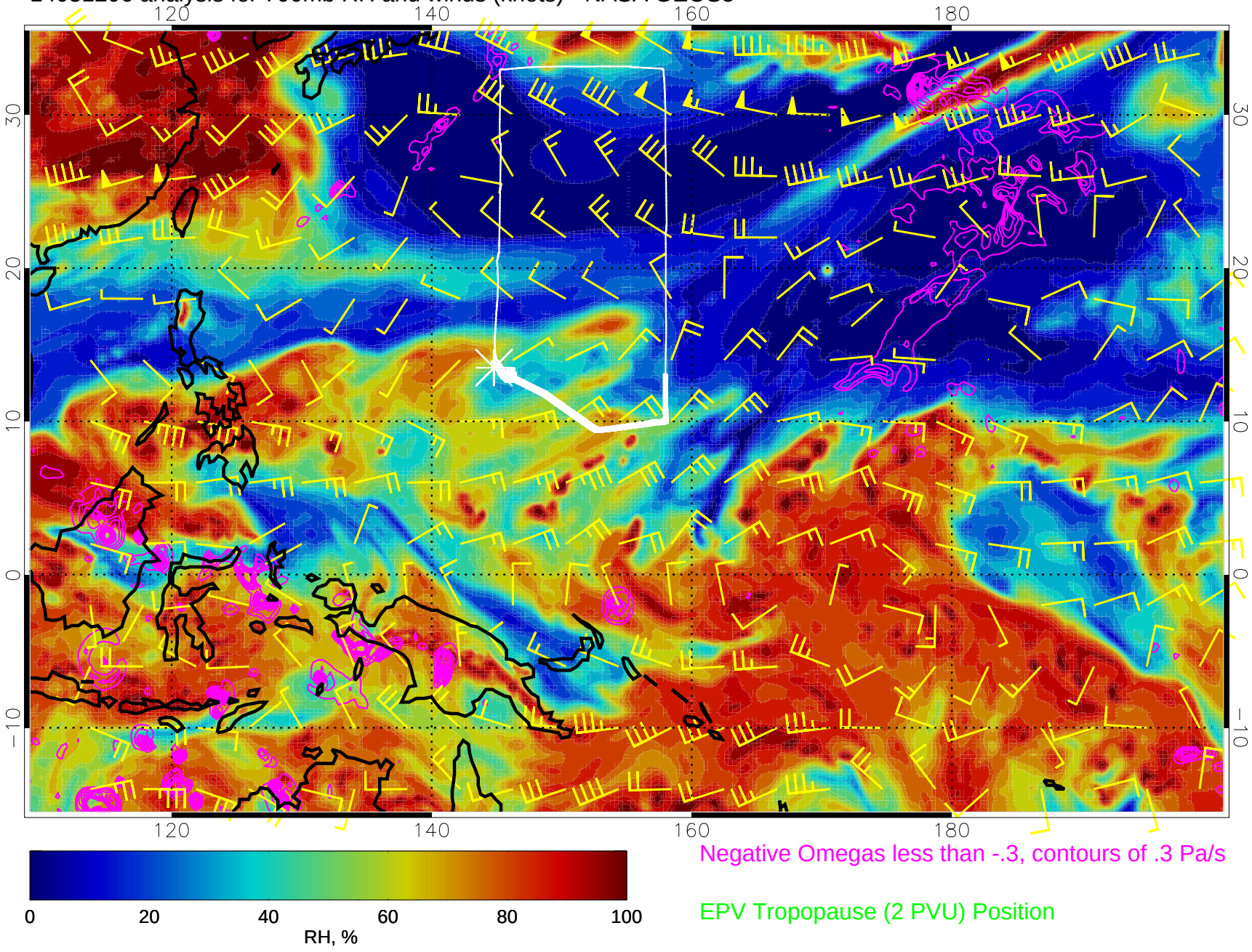

14031112 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14031118 analysis for 700mb RH and winds (knots) - NASA GEOS5

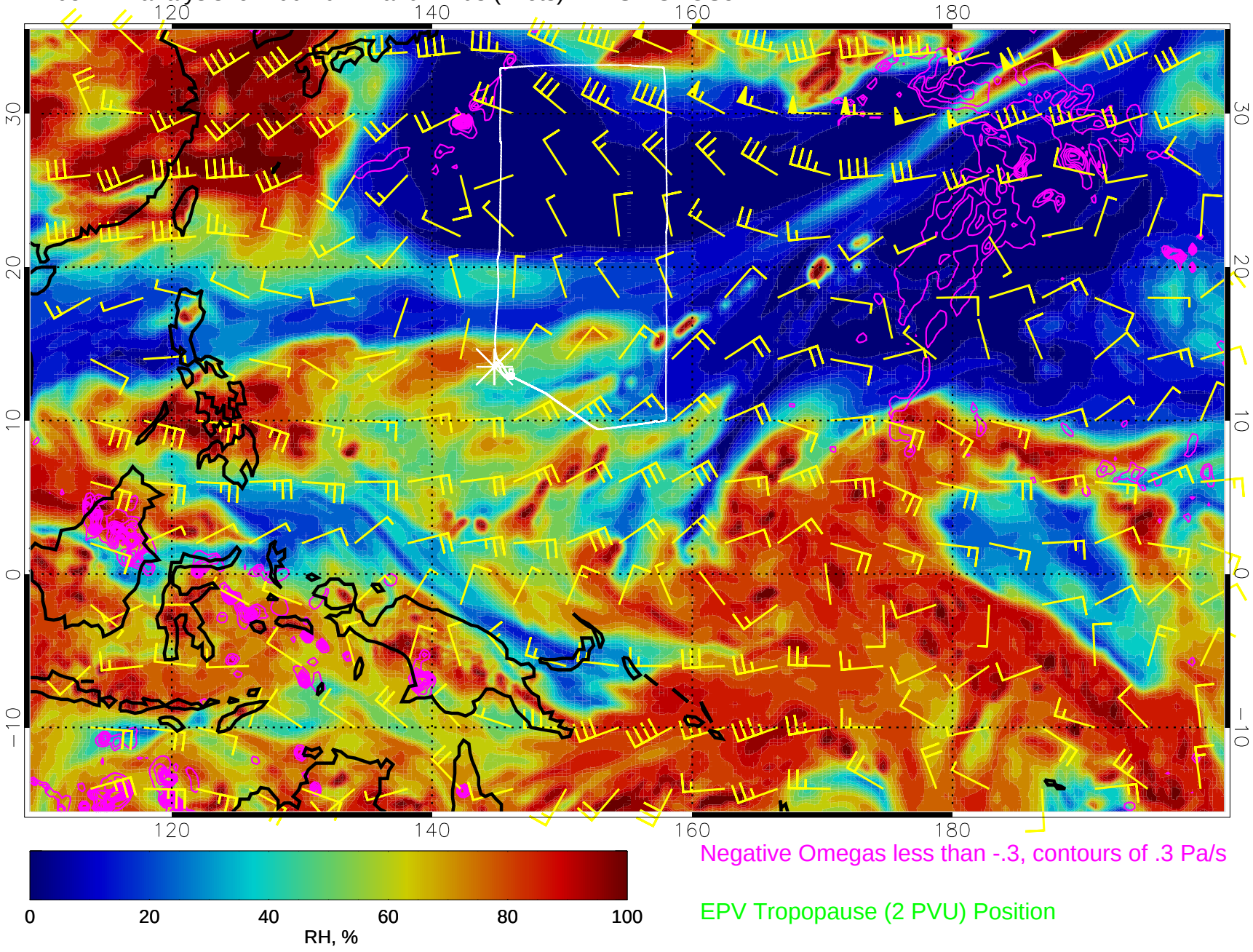



14031200 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14031206 analysis for 700mb RH and winds (knots) - NASA GEOS5



14031212 analysis for 700mb RH and winds (knots) - NASA GEOS5



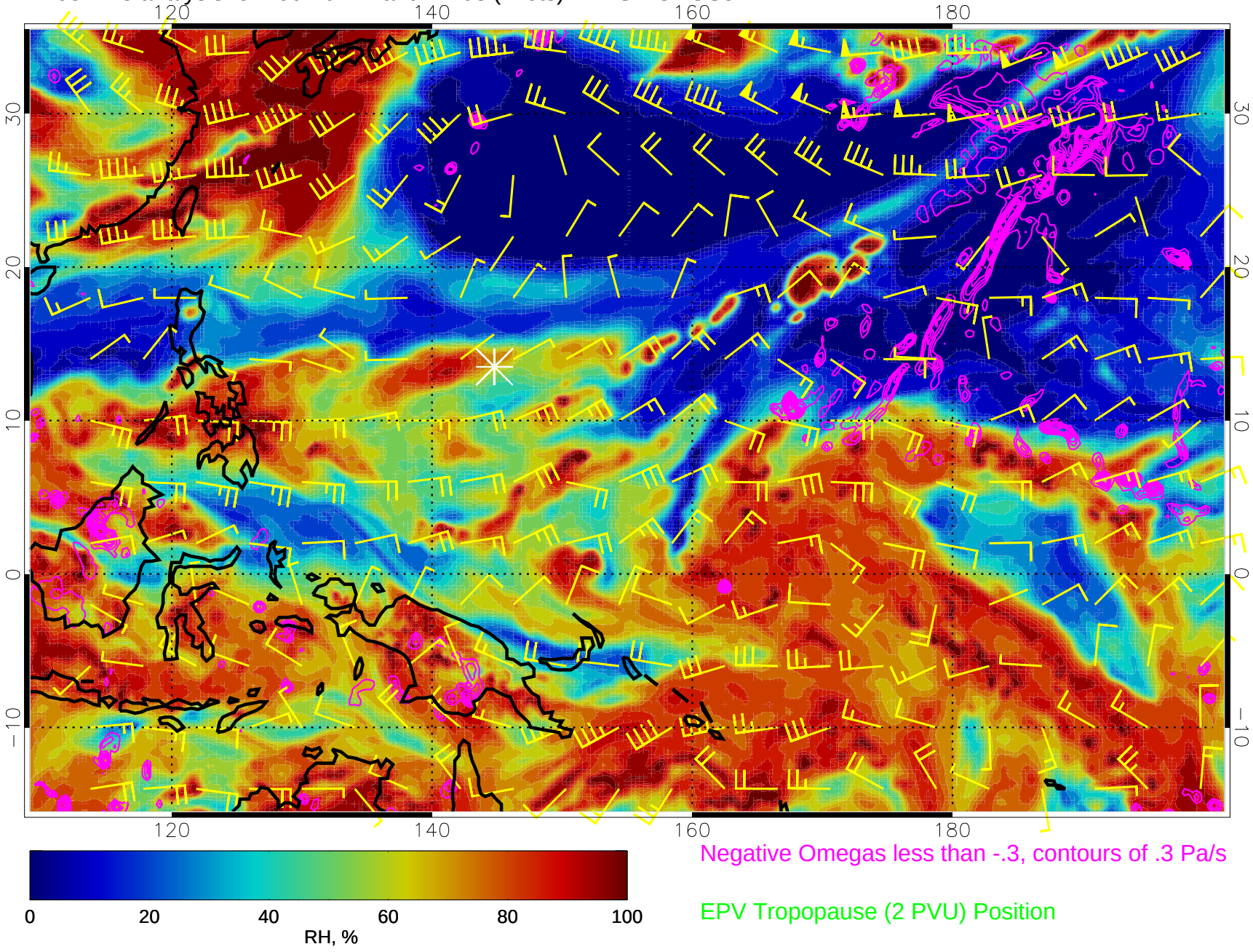
0 20 40 60 80 100

RH, %

Negative Omegas less than -.3, contours of .3 Pa/s

EPV Tropopause (2 PVU) Position

14031218 analysis for 700mb RH and winds (knots) - NASA GEOS5



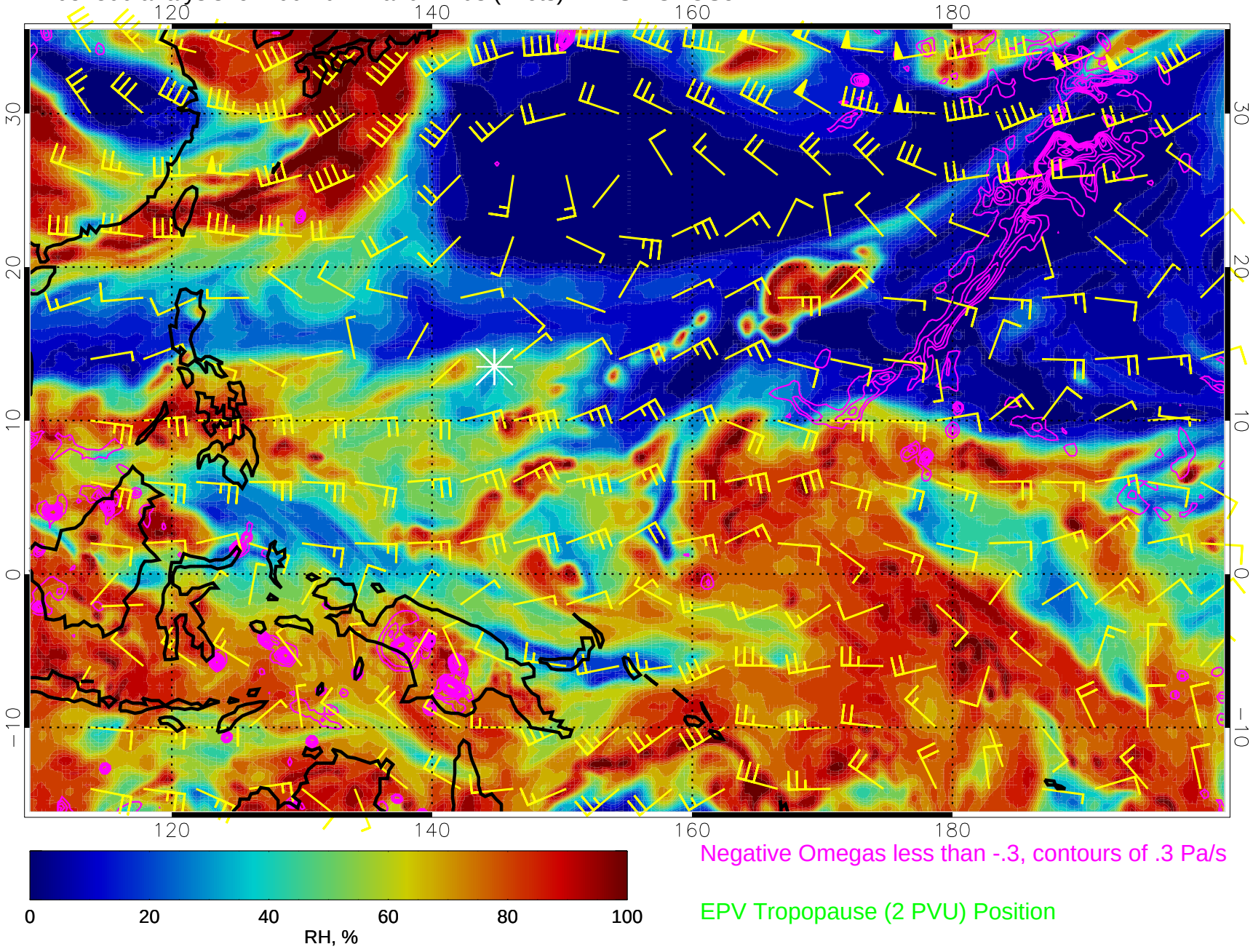
0 20 40 60 80 100

RH, %

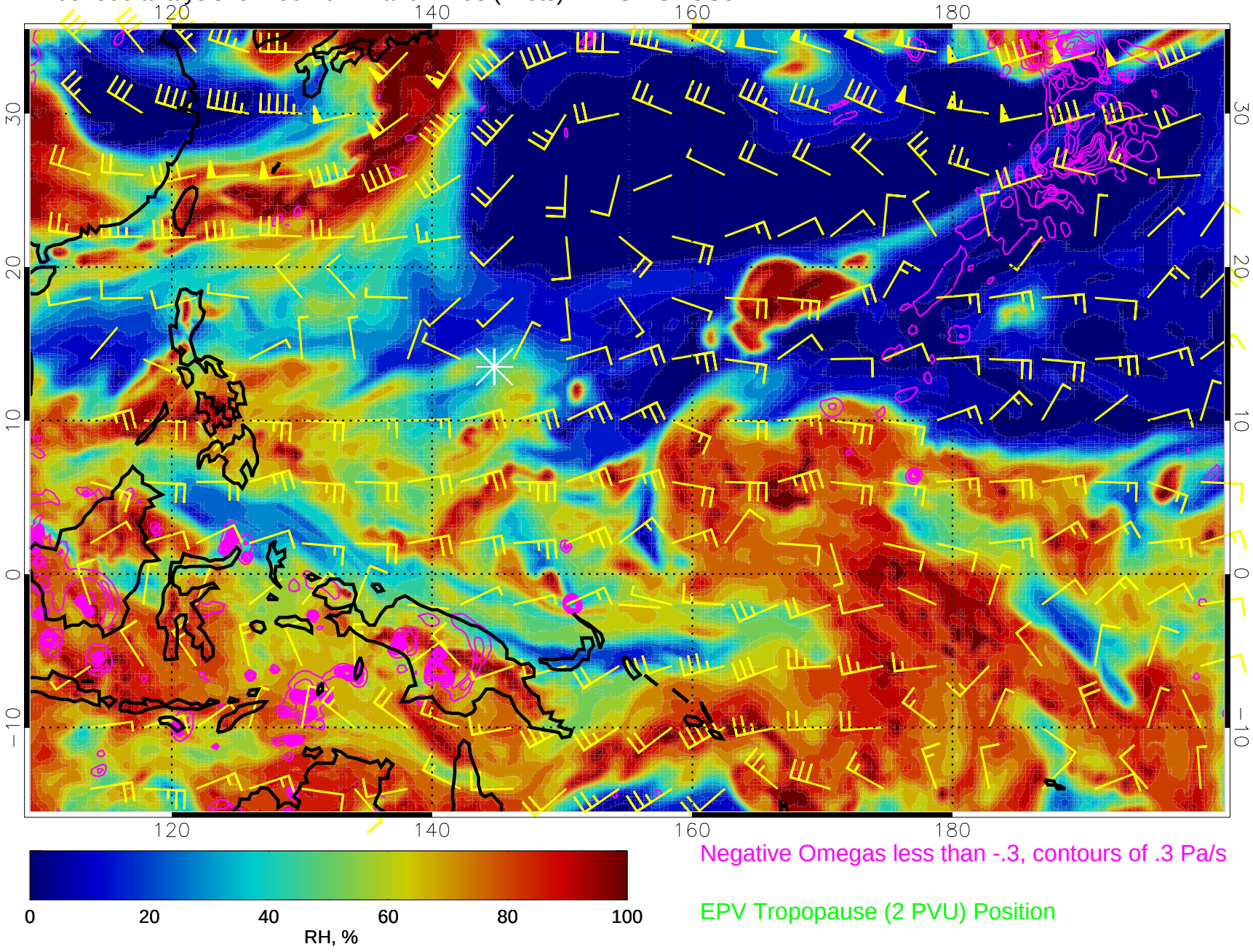
Negative Omegas less than -.3, contours of .3 Pa/s

EPV Tropopause (2 PVU) Position

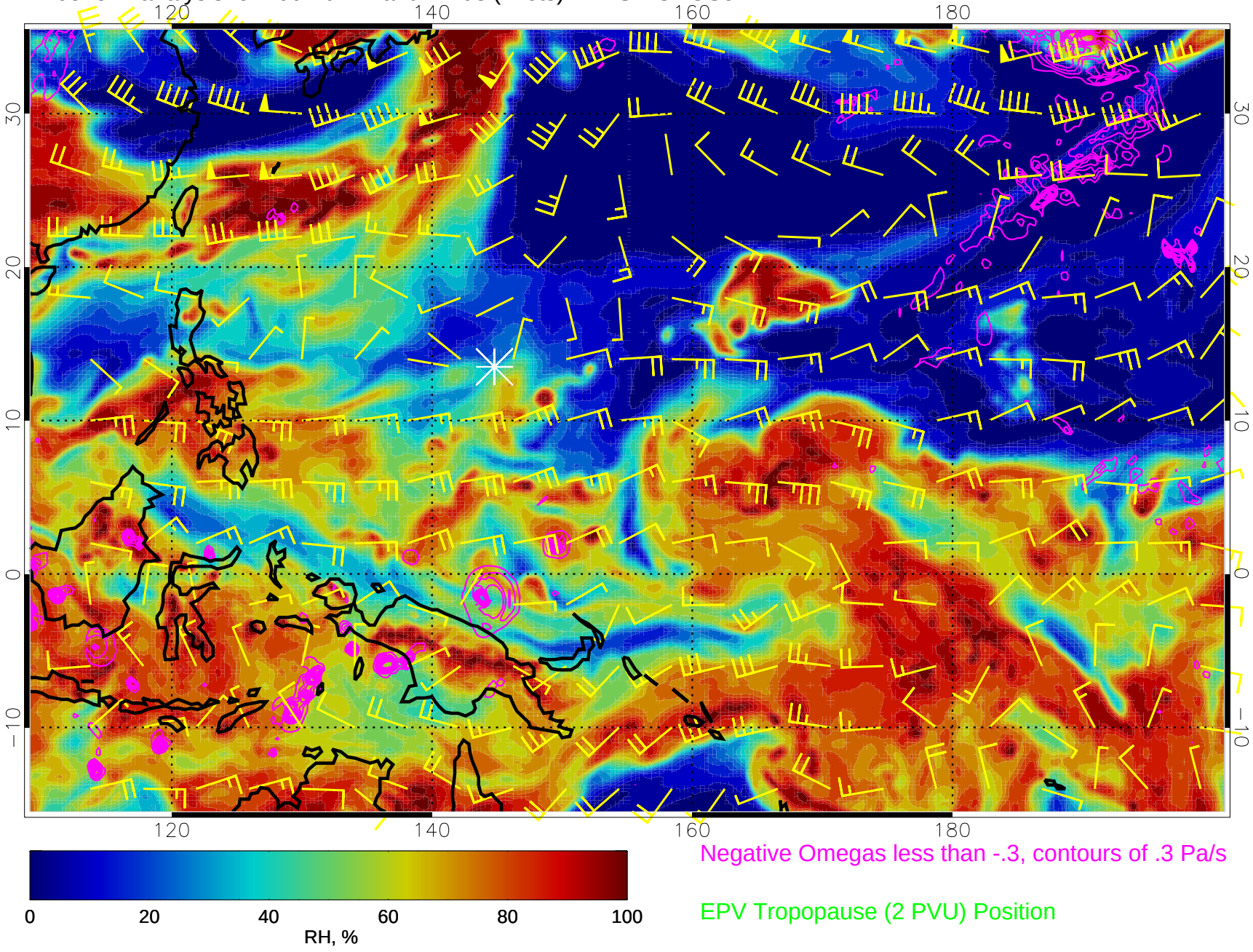
14031300 analysis for 700mb RH and winds (knots) - NASA GEOS5



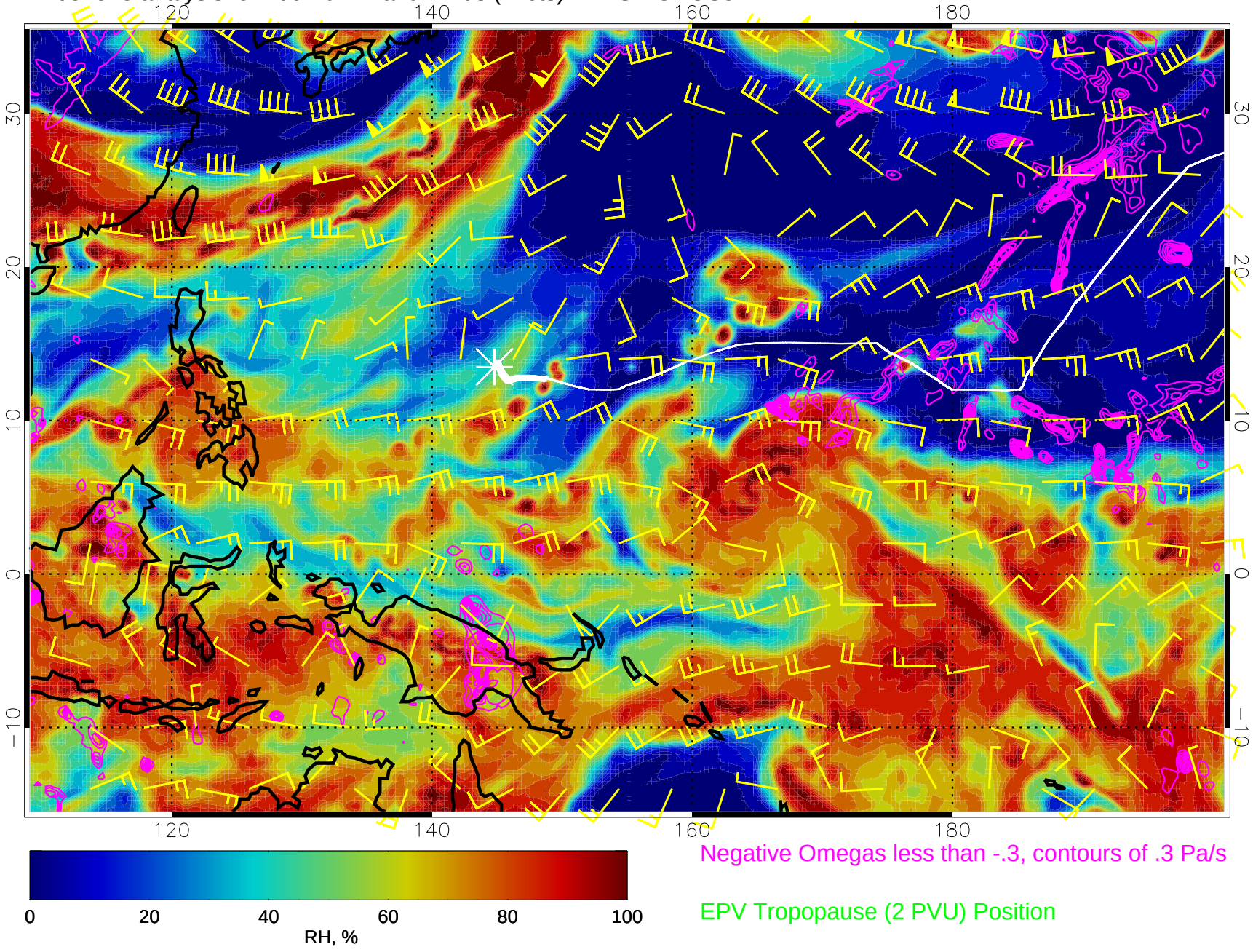
14031306 analysis for 700mb RH and winds (knots) - NASA GEOS5

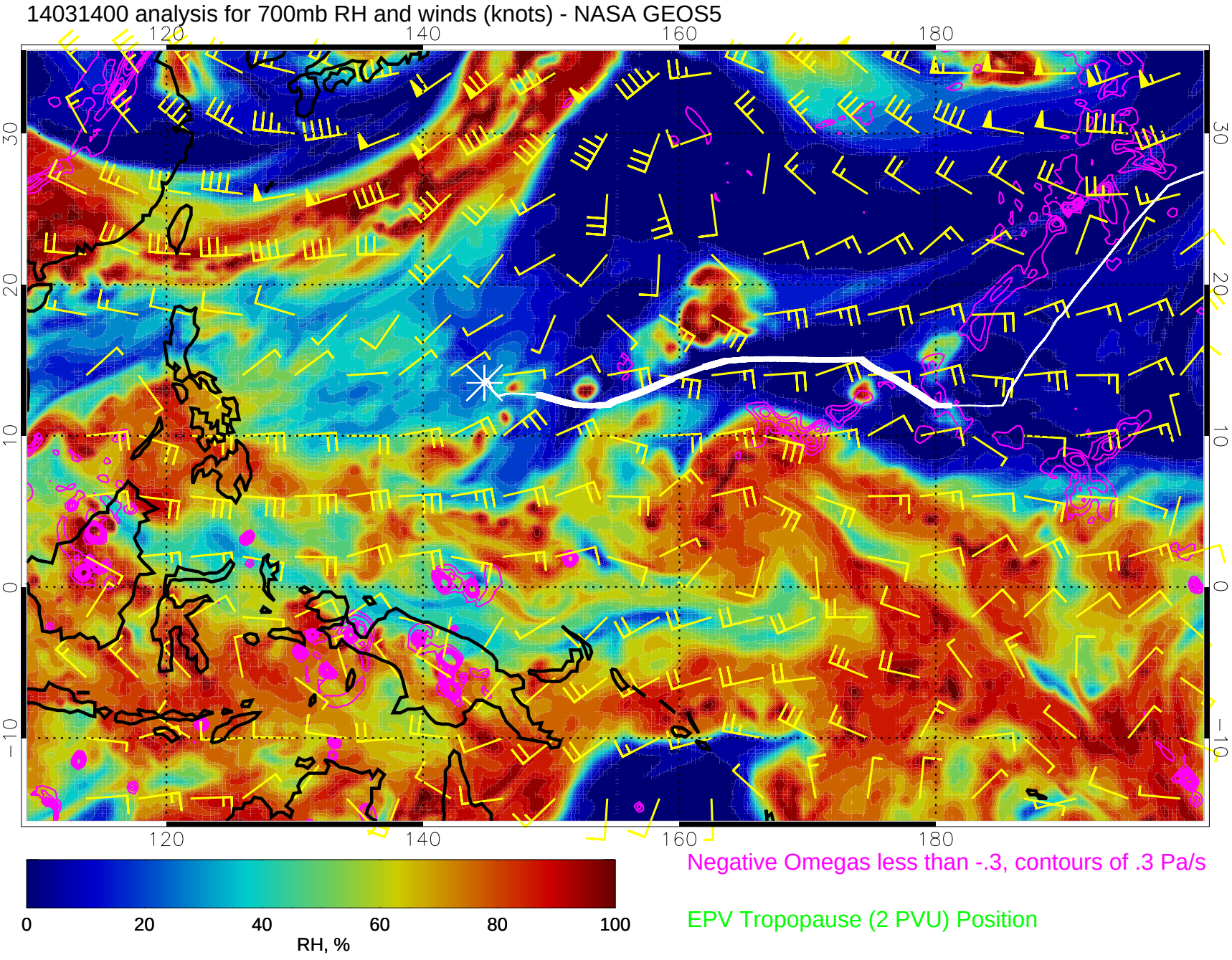


14031312 analysis for 700mb RH and winds (knots) - NASA GEOS5

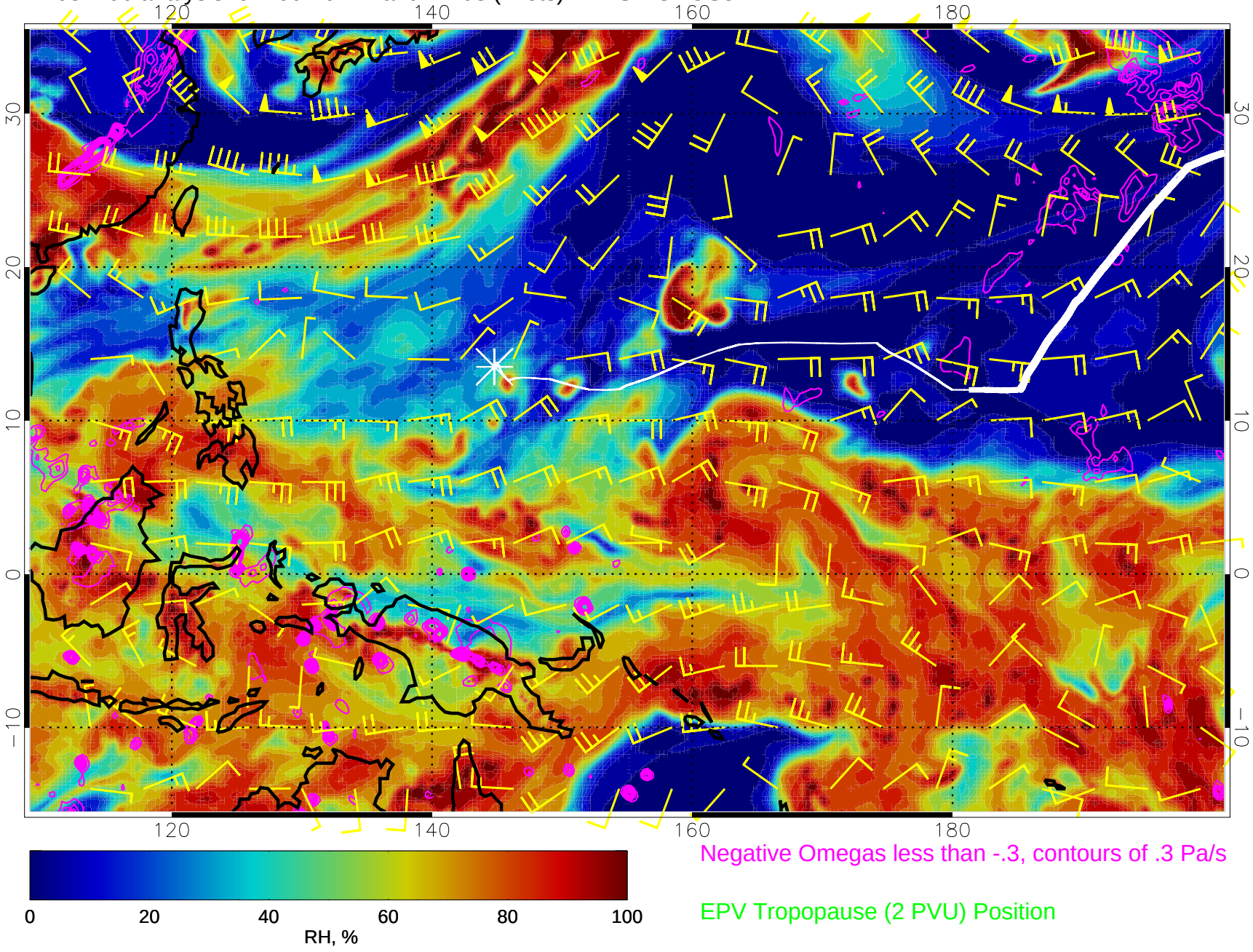


14031318 analysis for 700mb RH and winds (knots) - NASA GEOS5

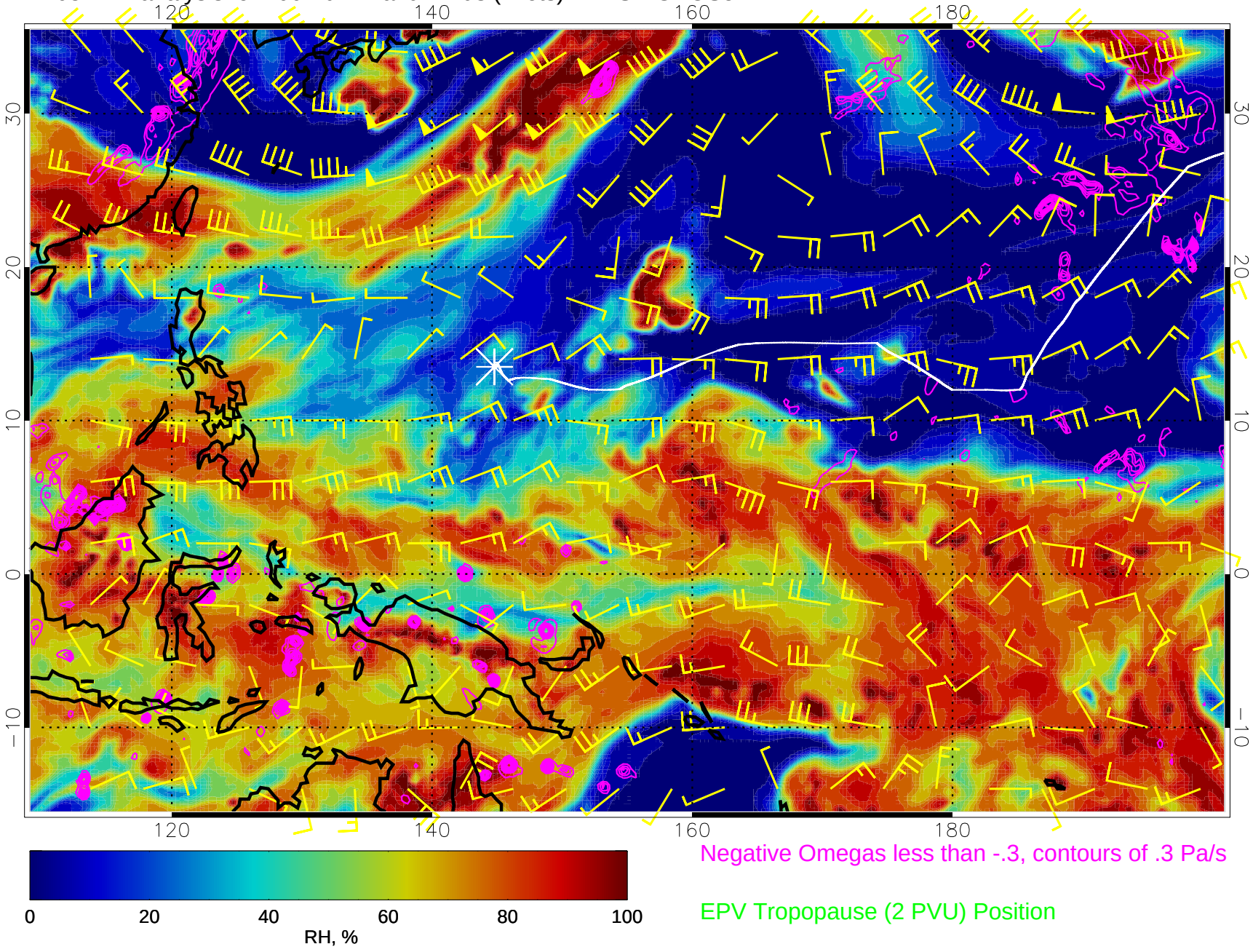



14031400 analysis for 700mb RH and winds (knots) - NASA GEOS5
120
140
160
180
30
20
10
0
−10
0
20
40
60
80
100
RH, %
Negative Omegas less than -.3, contours of .3 Pa/s
EPV Tropopause (2 PVU) Position

14031406 analysis for 700mb RH and winds (knots) - NASA GEOS5



14031412 analysis for 700mb RH and winds (knots) - NASA GEOS5



14031418 analysis for 700mb RH and winds (knots) - NASA GEOS5

