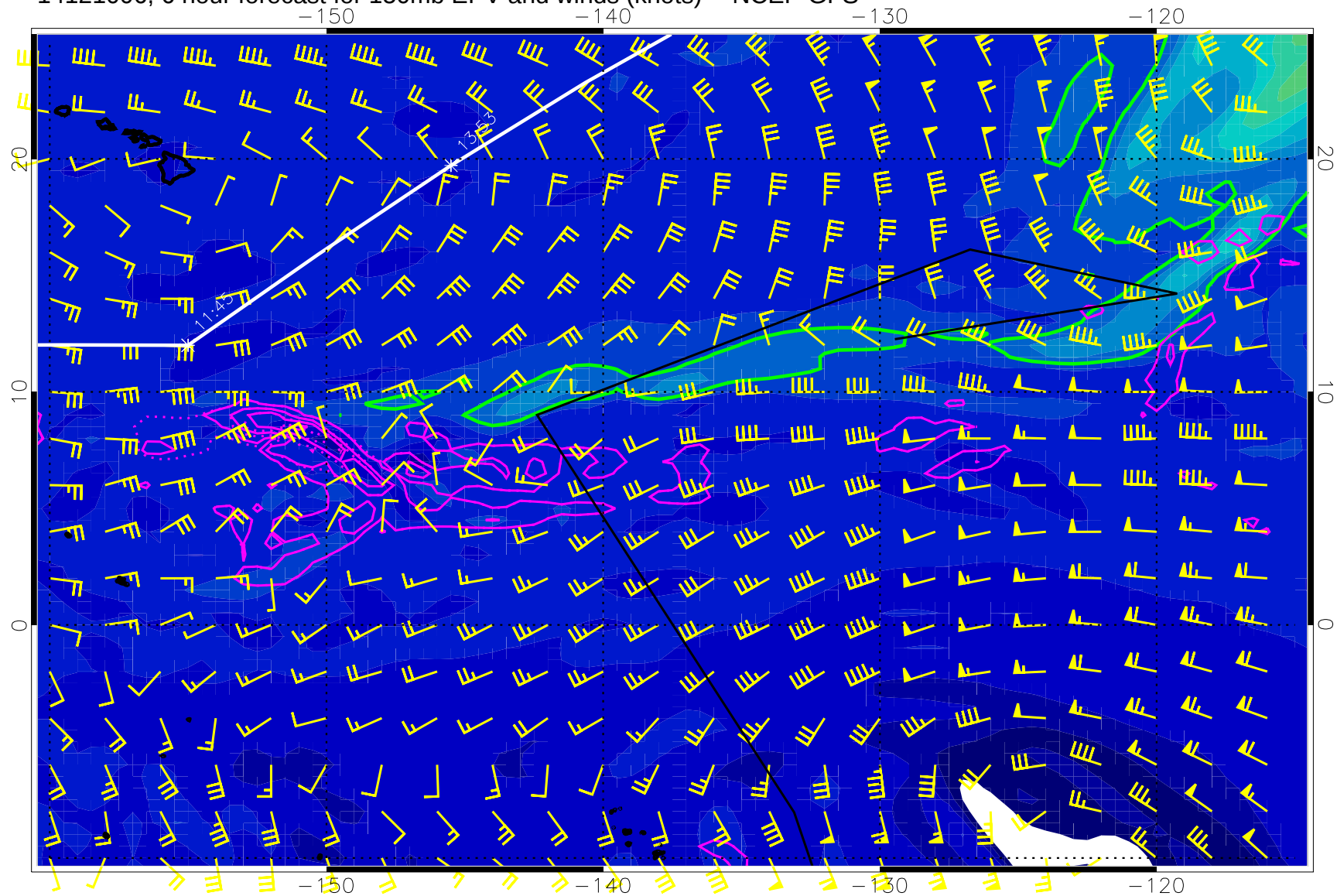


14121006, 6 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS

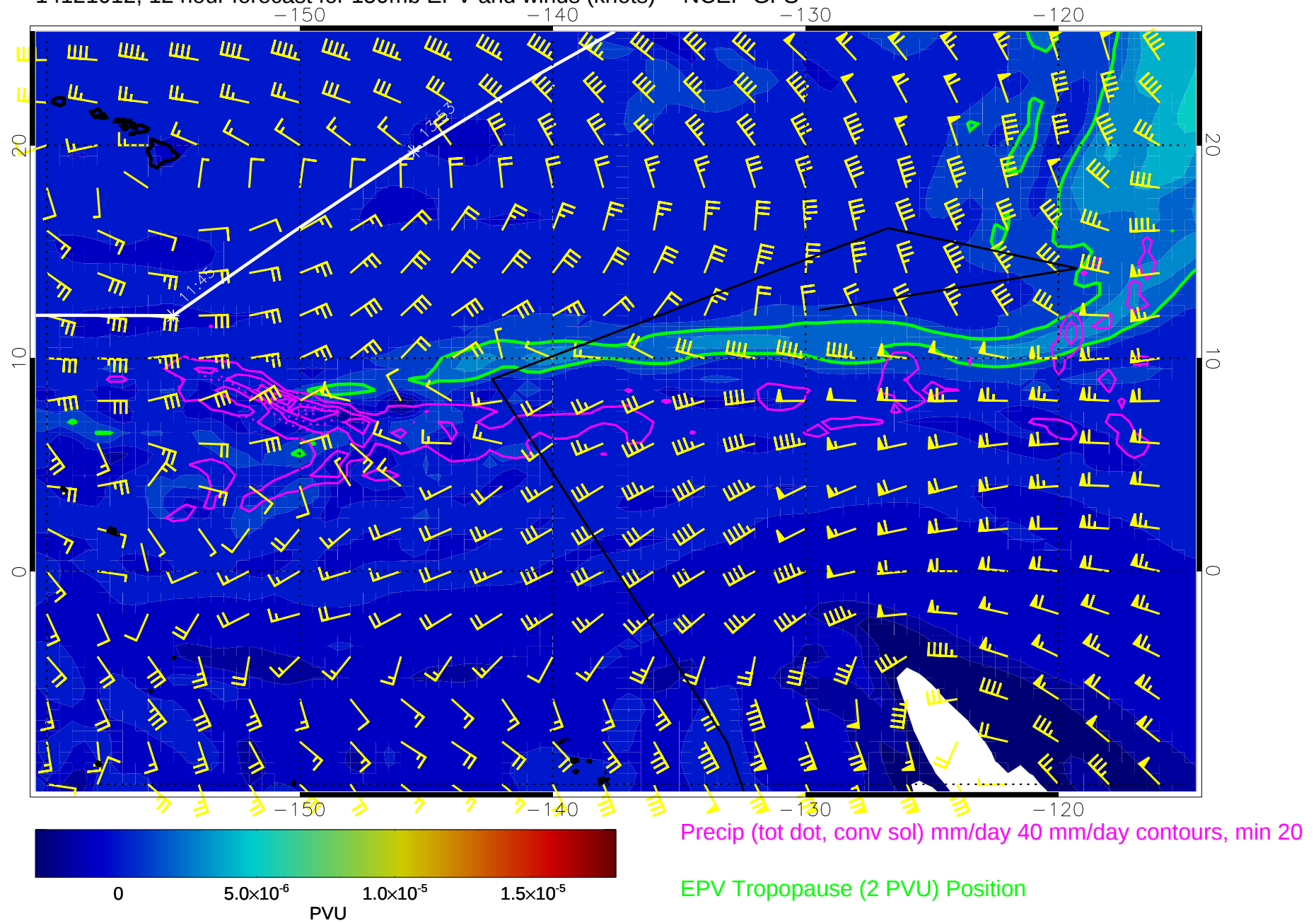


PVU

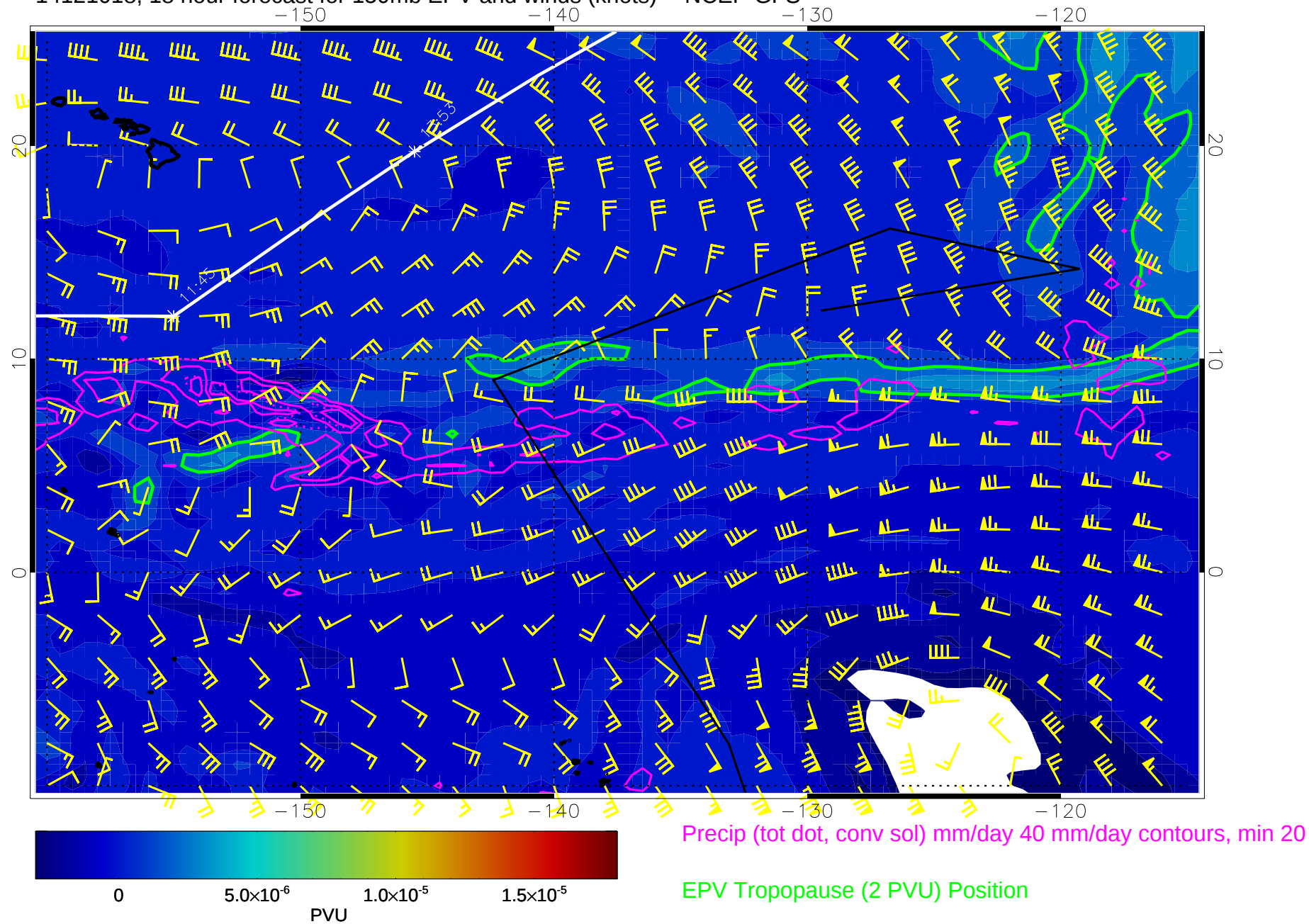
Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

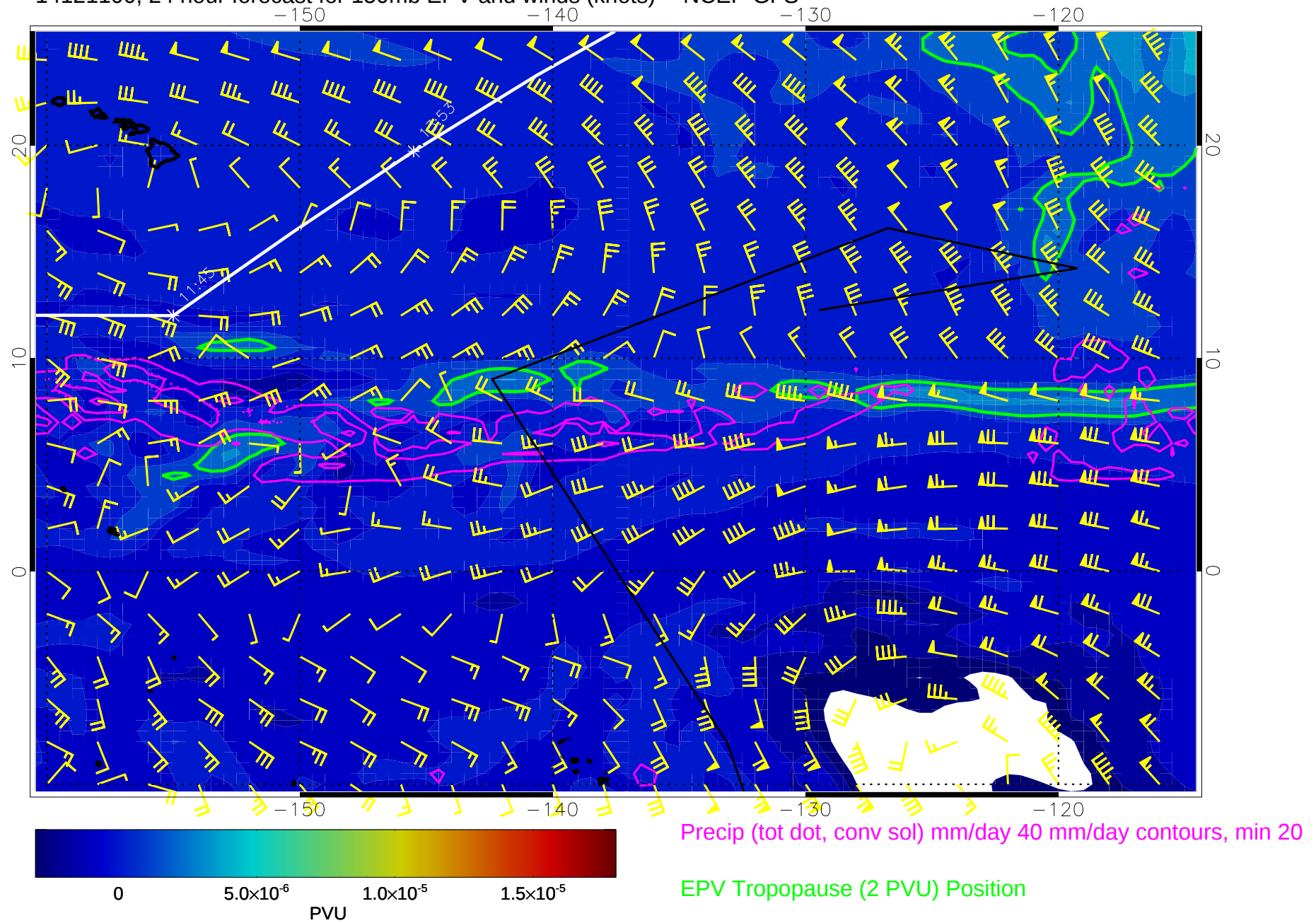
14121012, 12 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



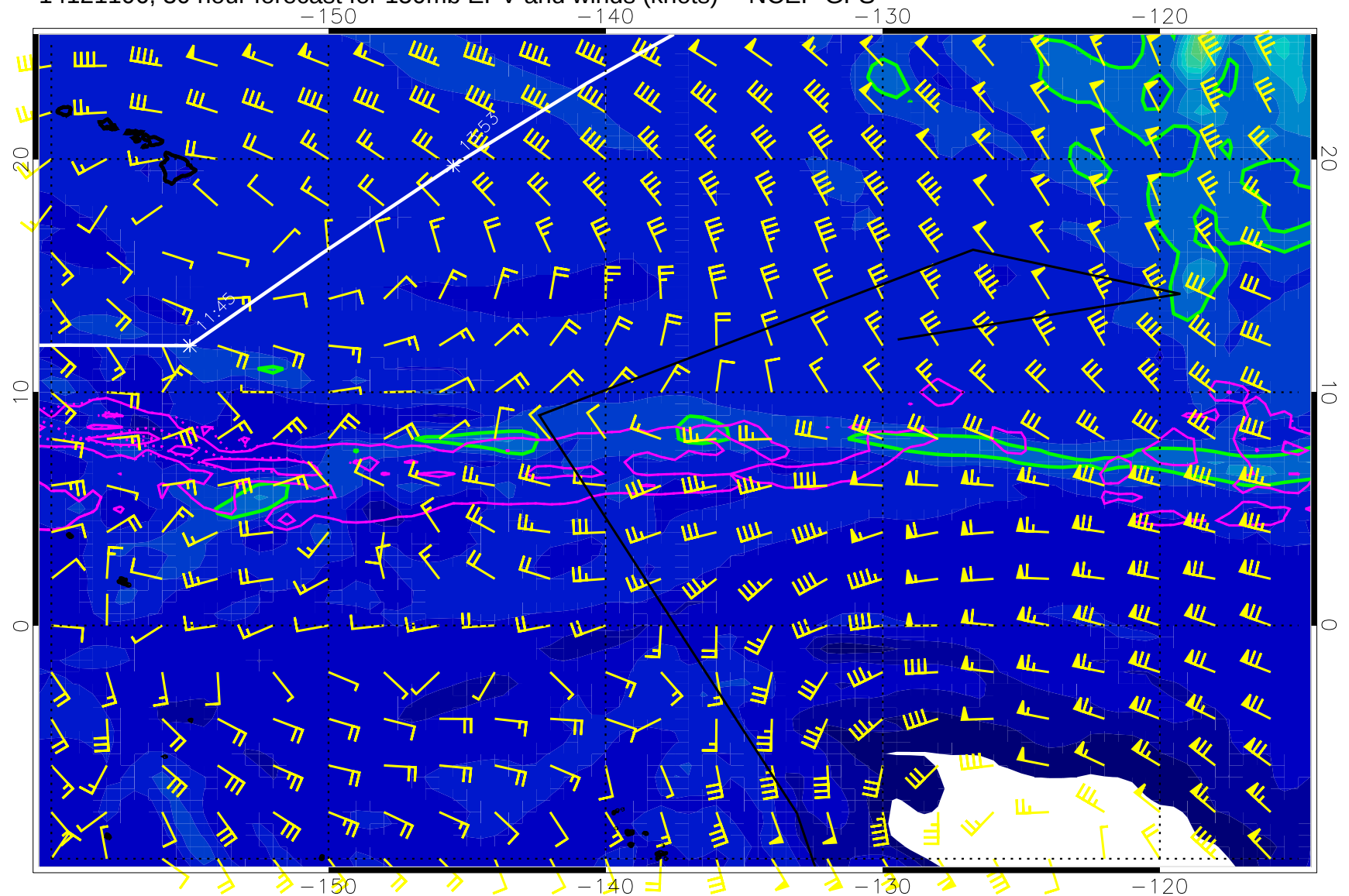
14121018, 18 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



14121100, 24 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



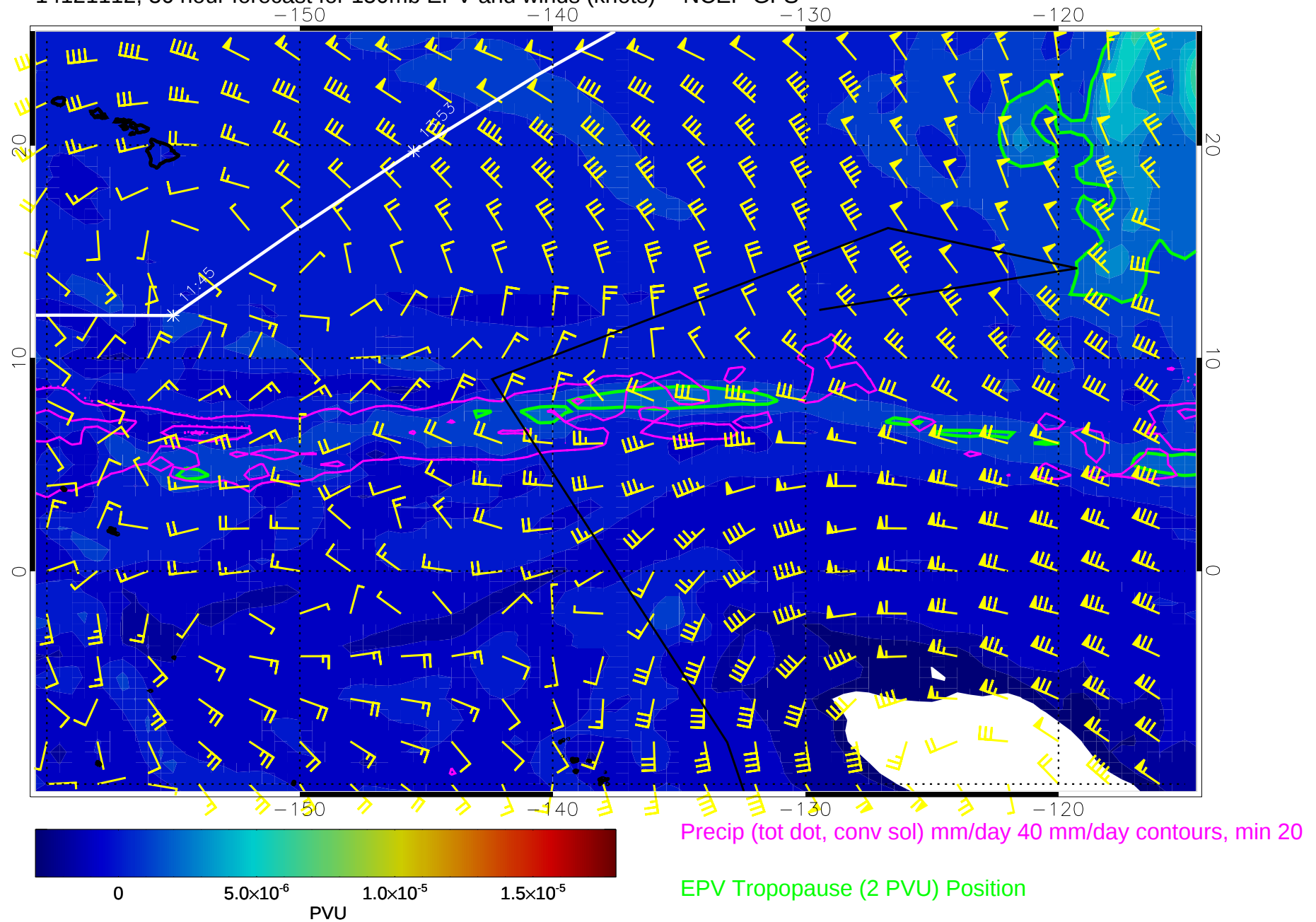
14121106, 30 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



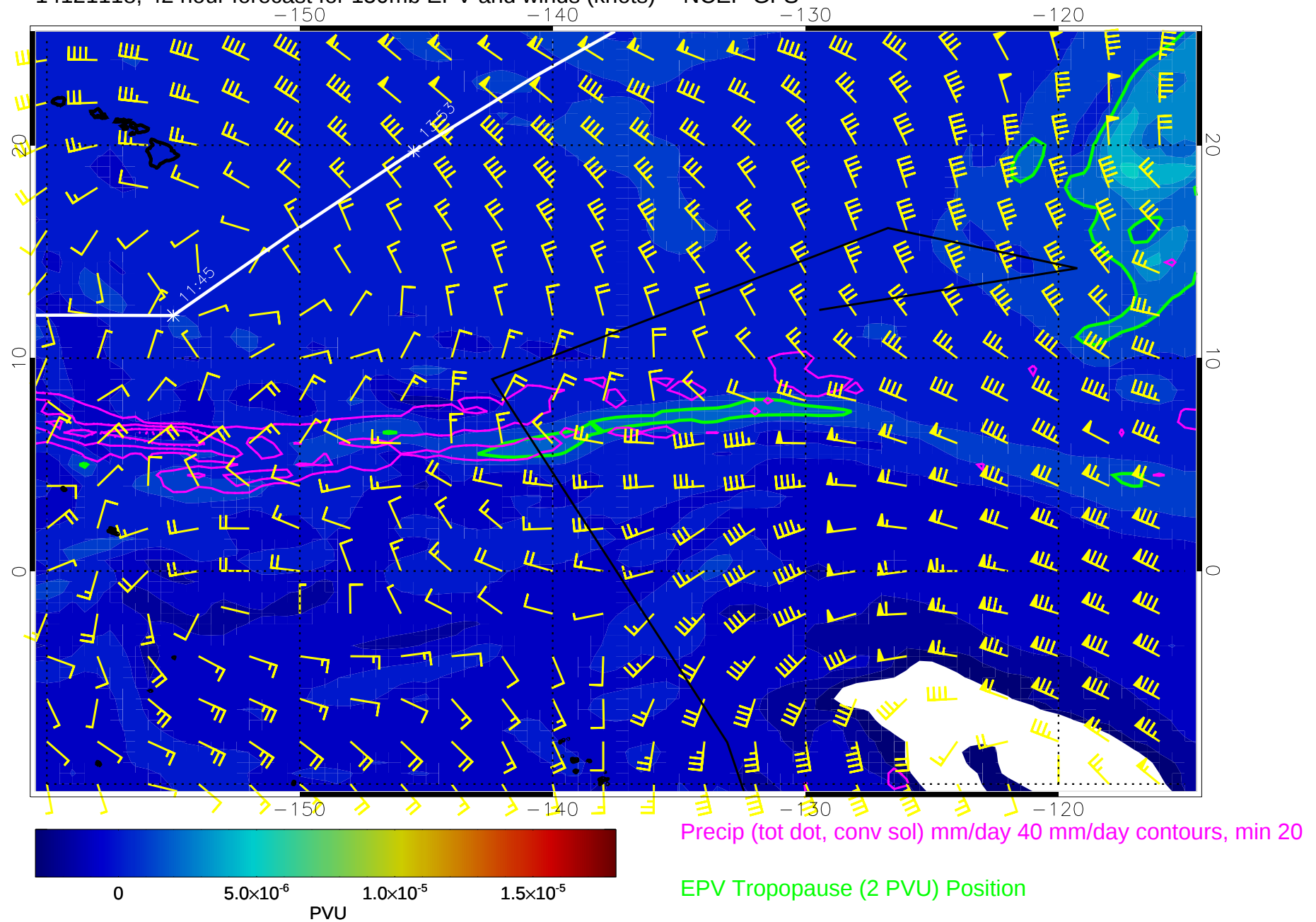
Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

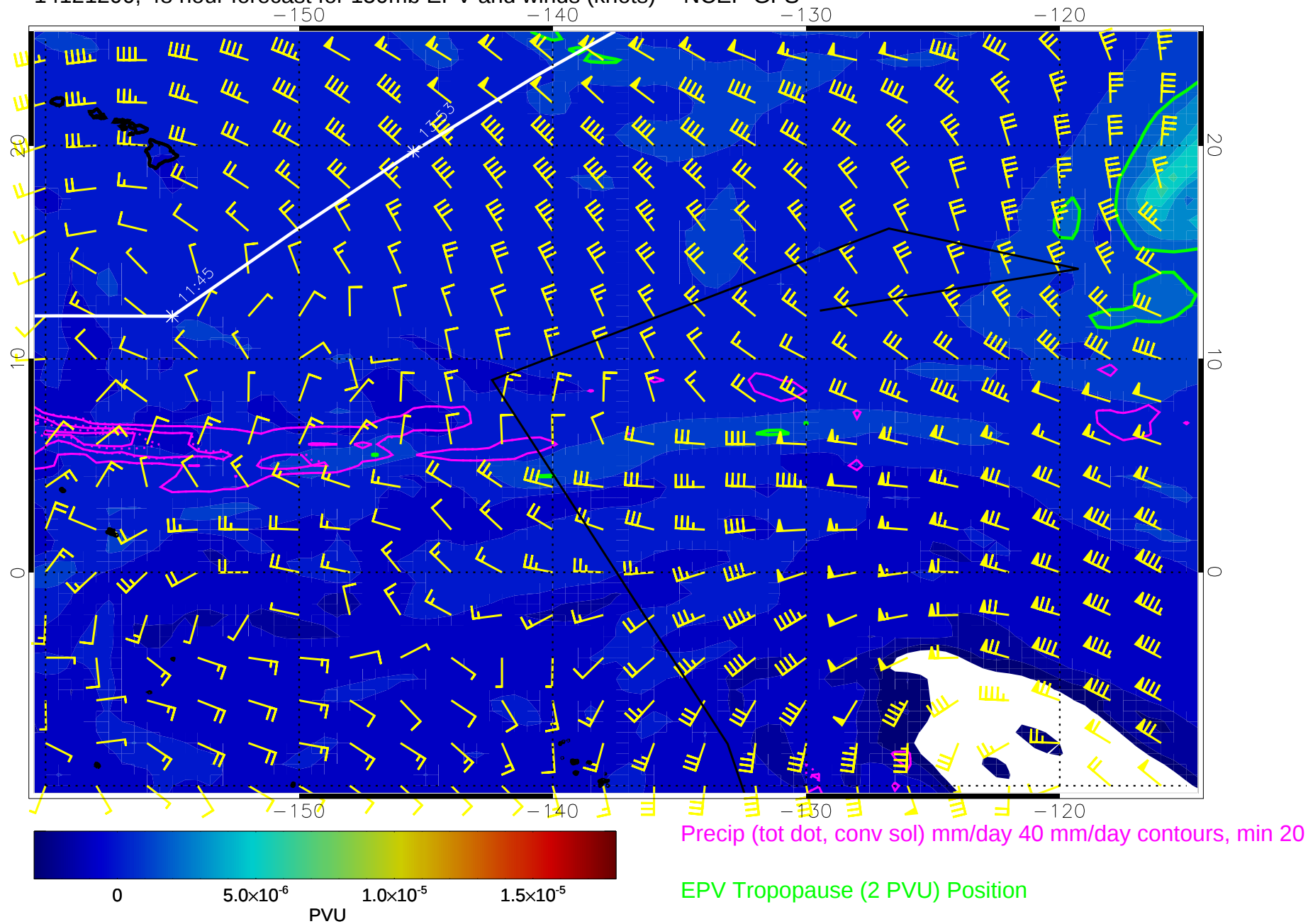
14121112, 36 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



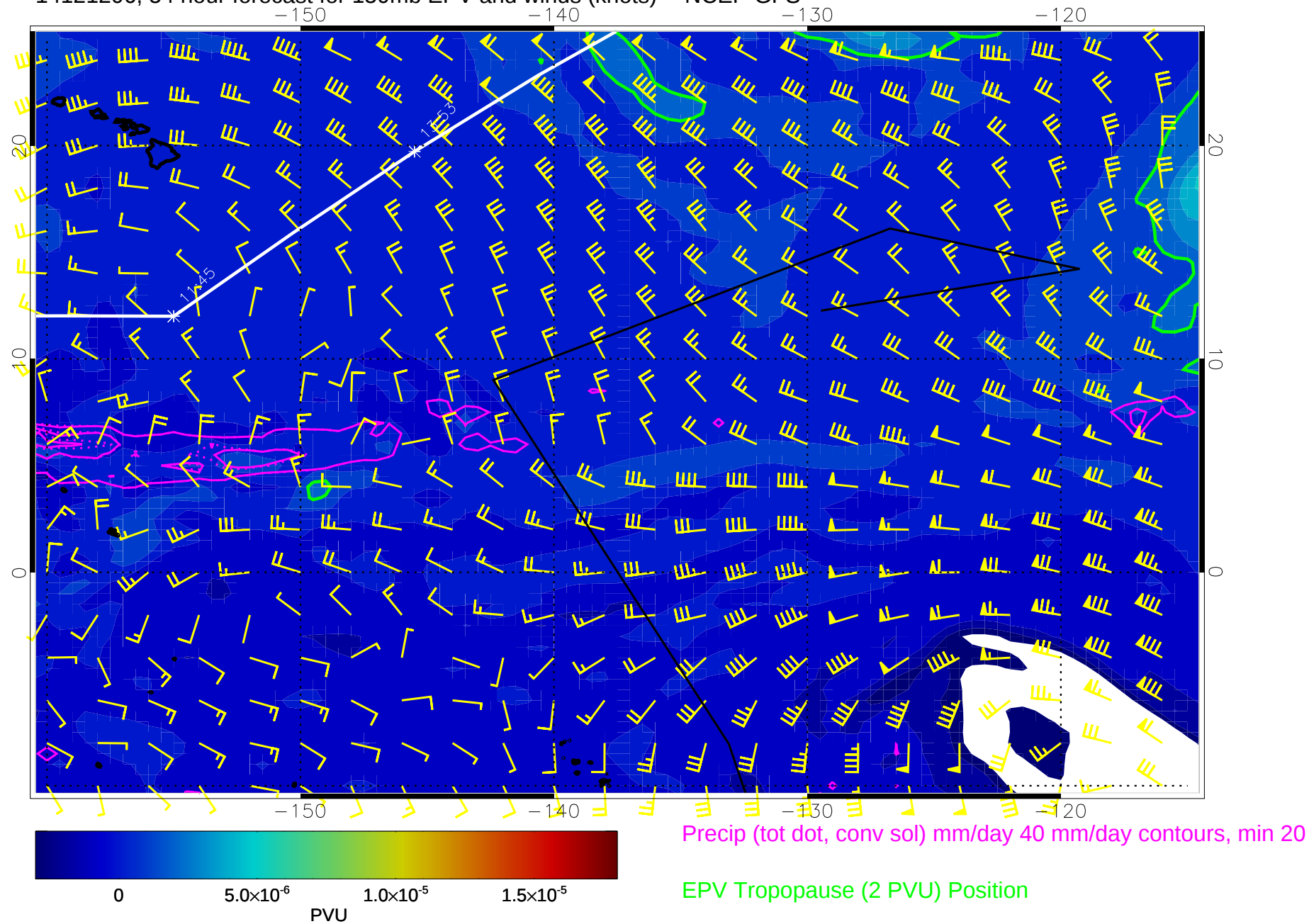
14121118, 42 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



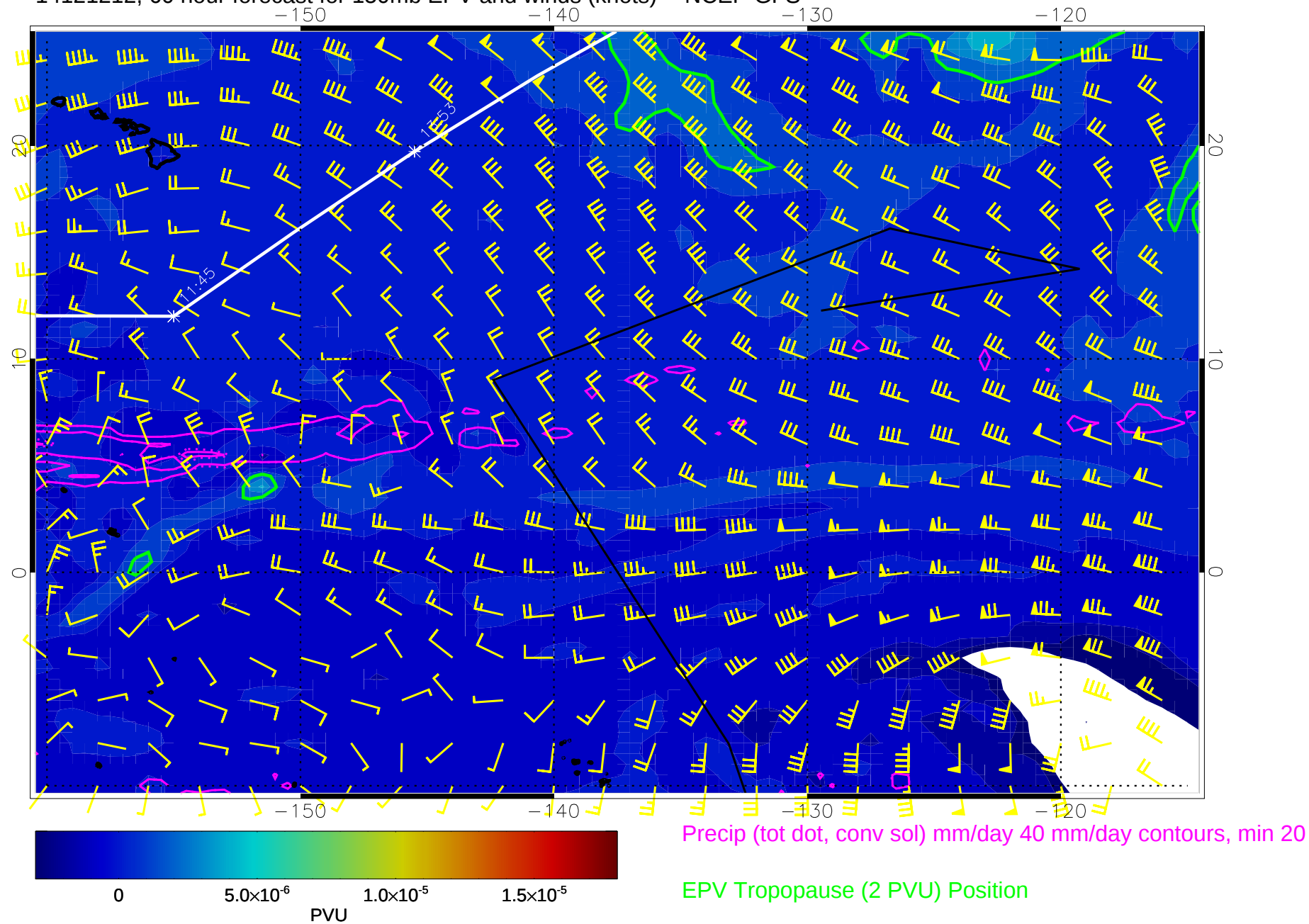
14121200, 48 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



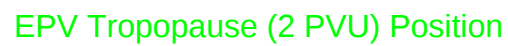
14121206, 54 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



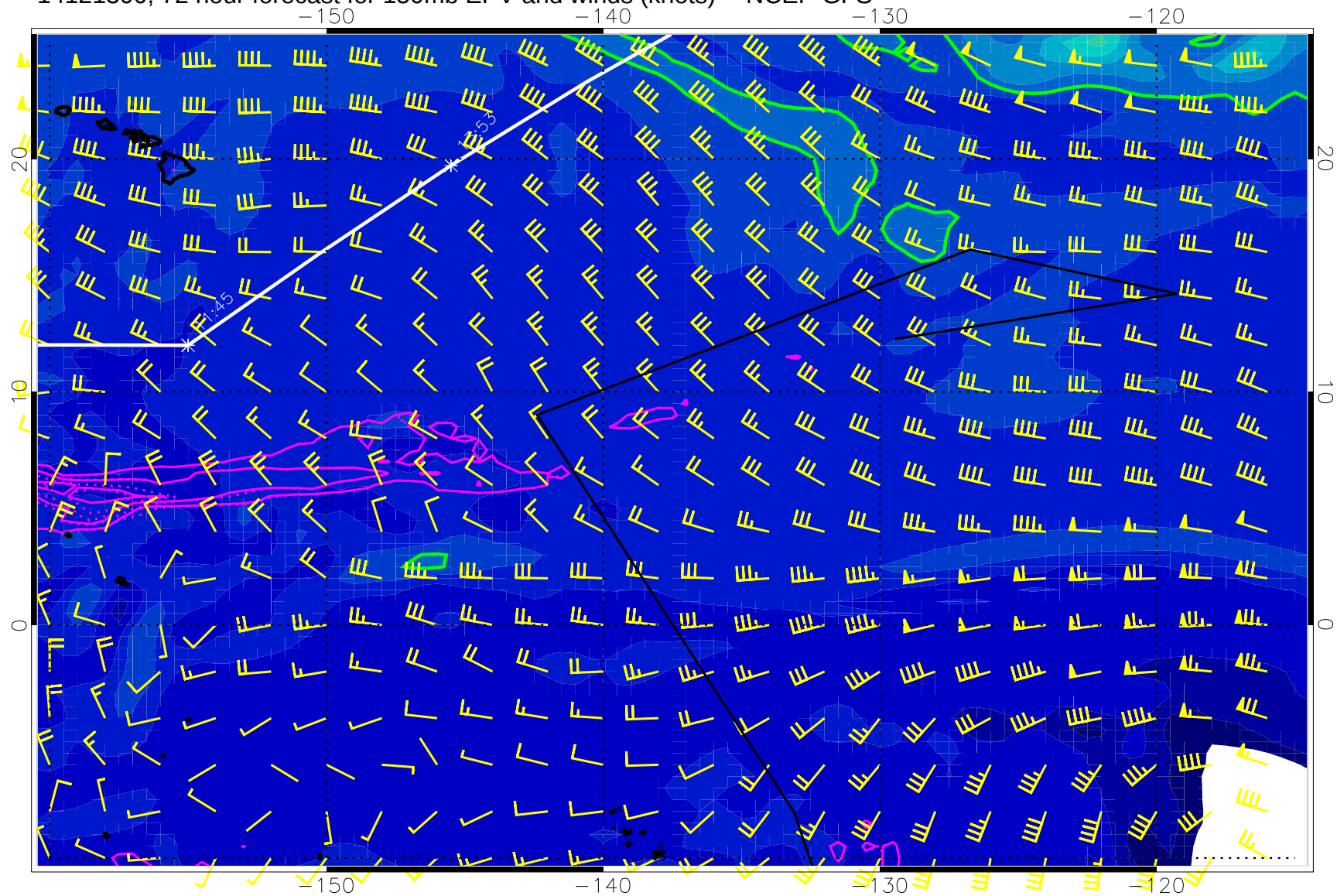
14121212, 60 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



142222222, 00 Real Forecast for Ecombs et al. and winds (knots)	142222222, 00 Real Forecast for Ecombs et al. and winds (knots)	142222222, 00 Real Forecast for Ecombs et al. and winds (knots)	142222222, 00 Real Forecast for Ecombs et al. and winds (knots)
-150	-140	-130	-120



14121300, 72 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

5.0×10^{-6}

1.0×10^{-5}

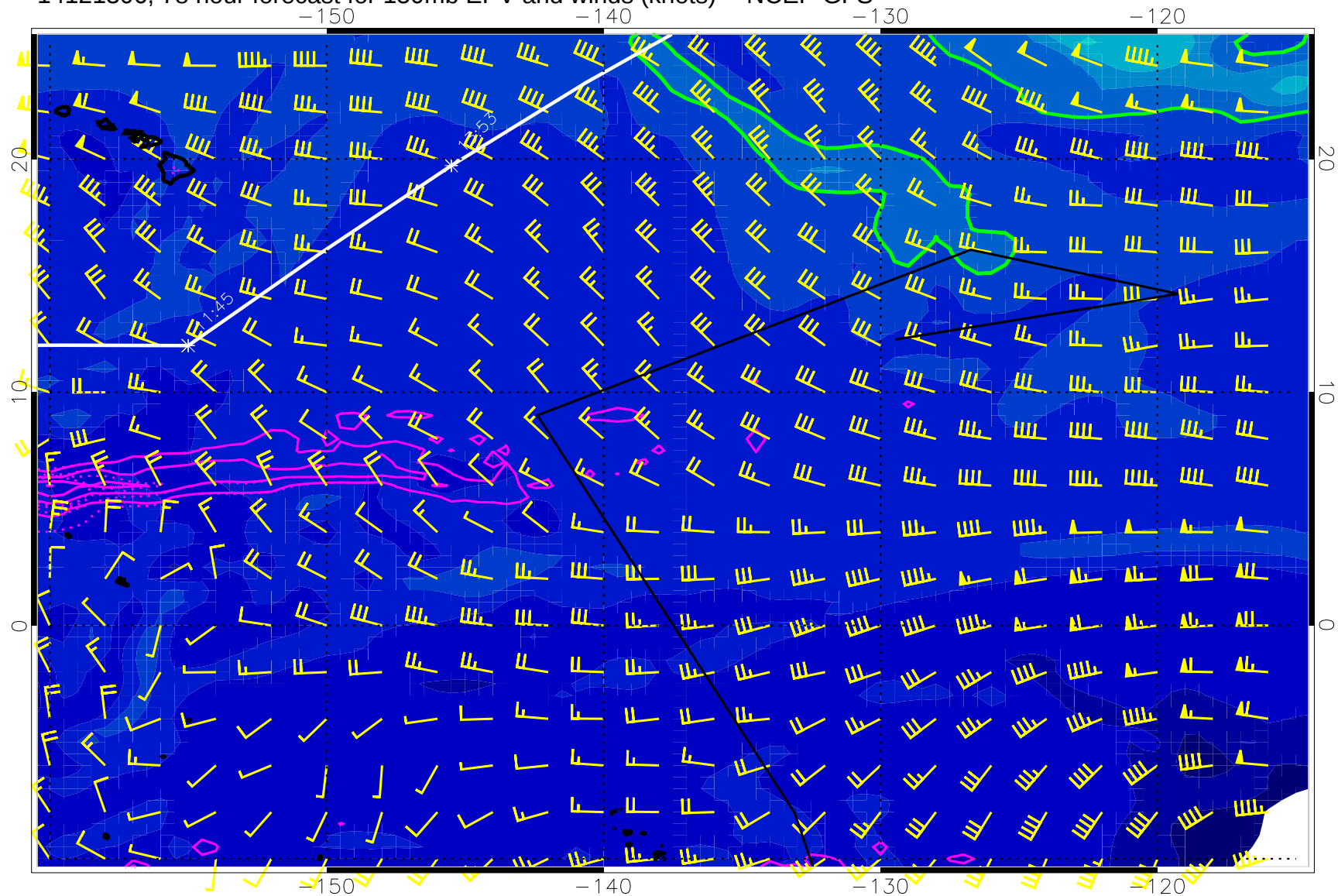
1.5×10^{-5}

PVU

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

EPV Tropopause (2 PVU) Position

14121306, 78 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS

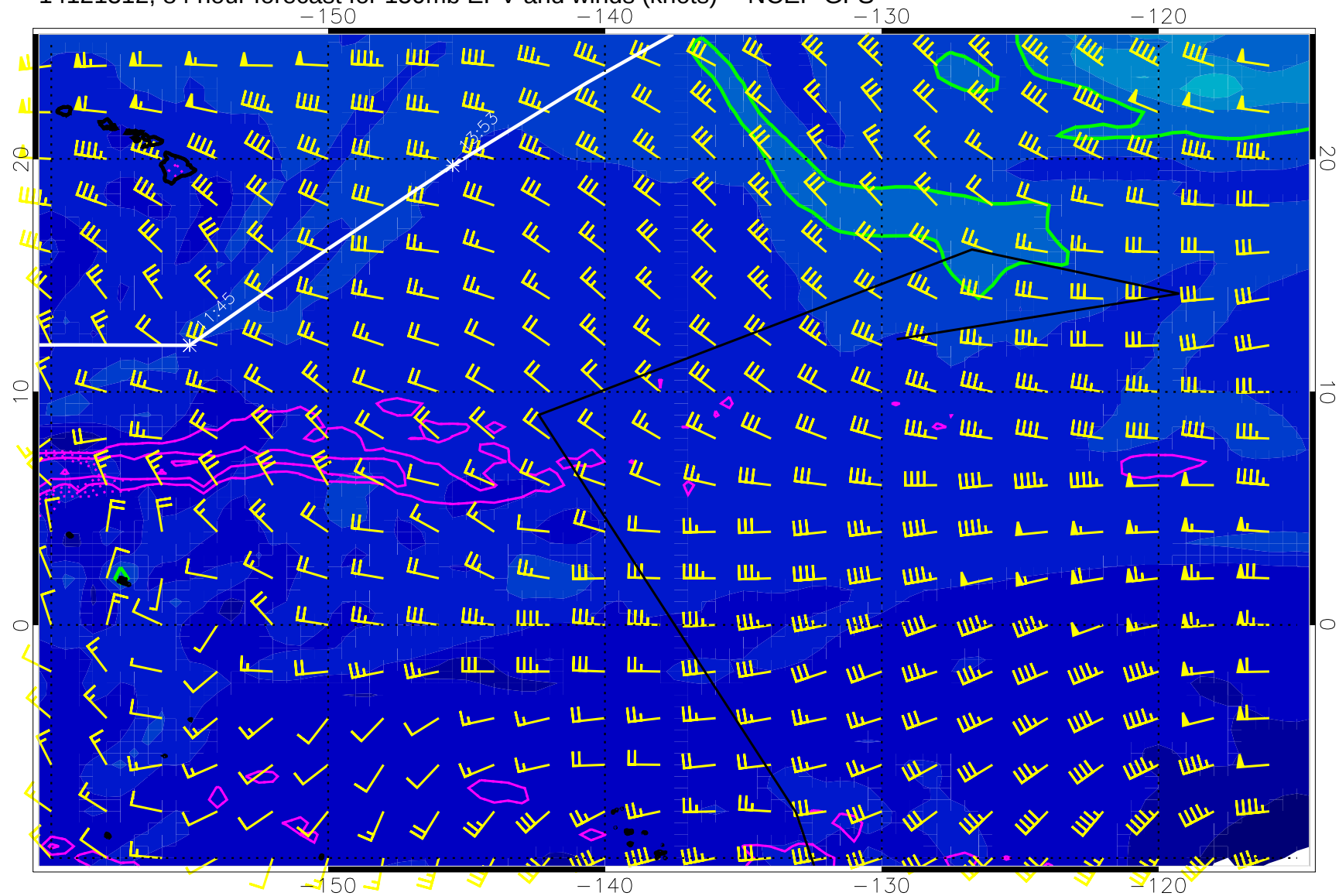


PVU

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

EPV Tropopause (2 PVU) Position

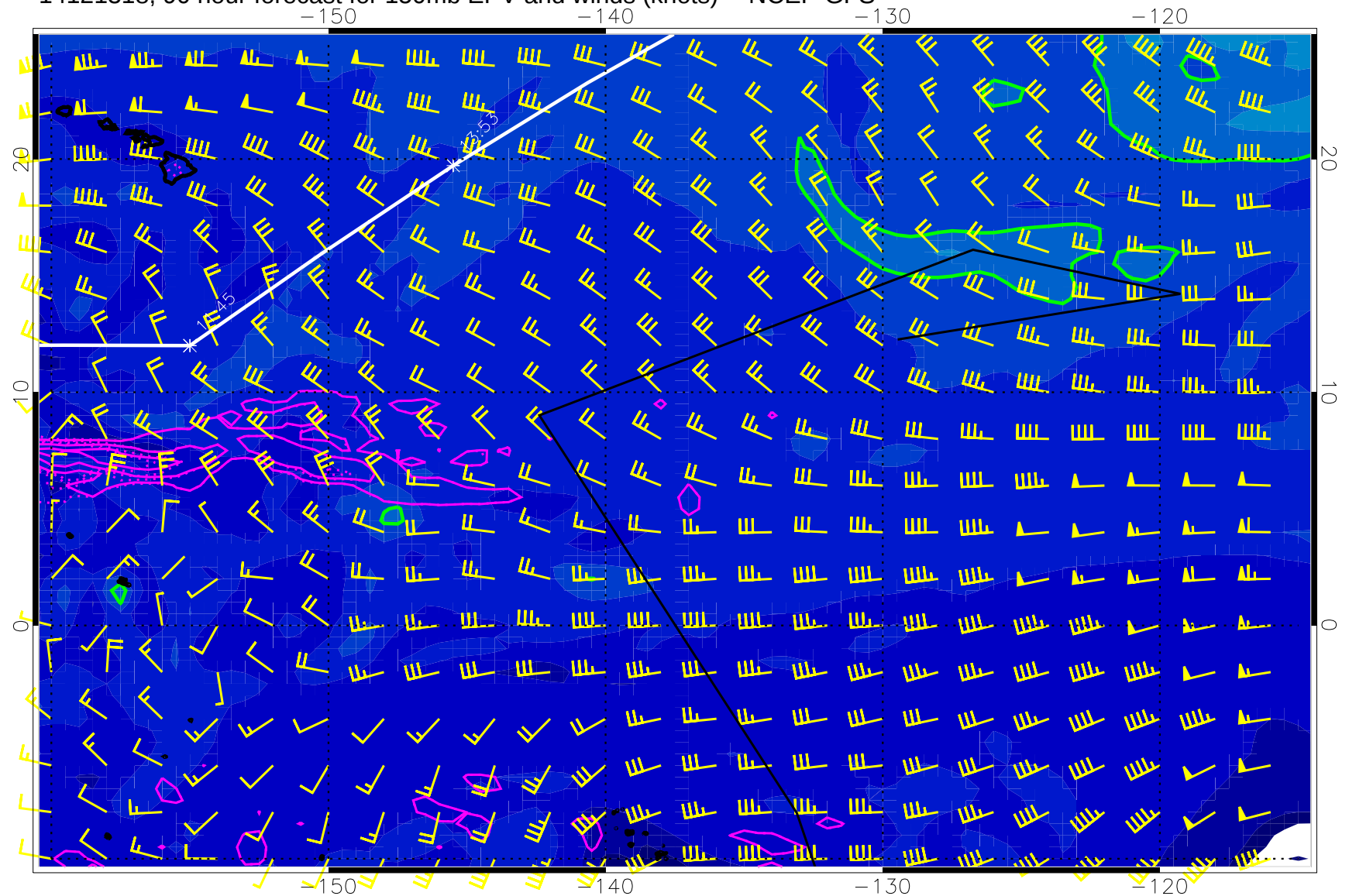
14121312, 84 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



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

EPV Tropopause (2 PVU) Position

14121318, 90 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

5.0×10^{-6}

1.0×10^{-5}

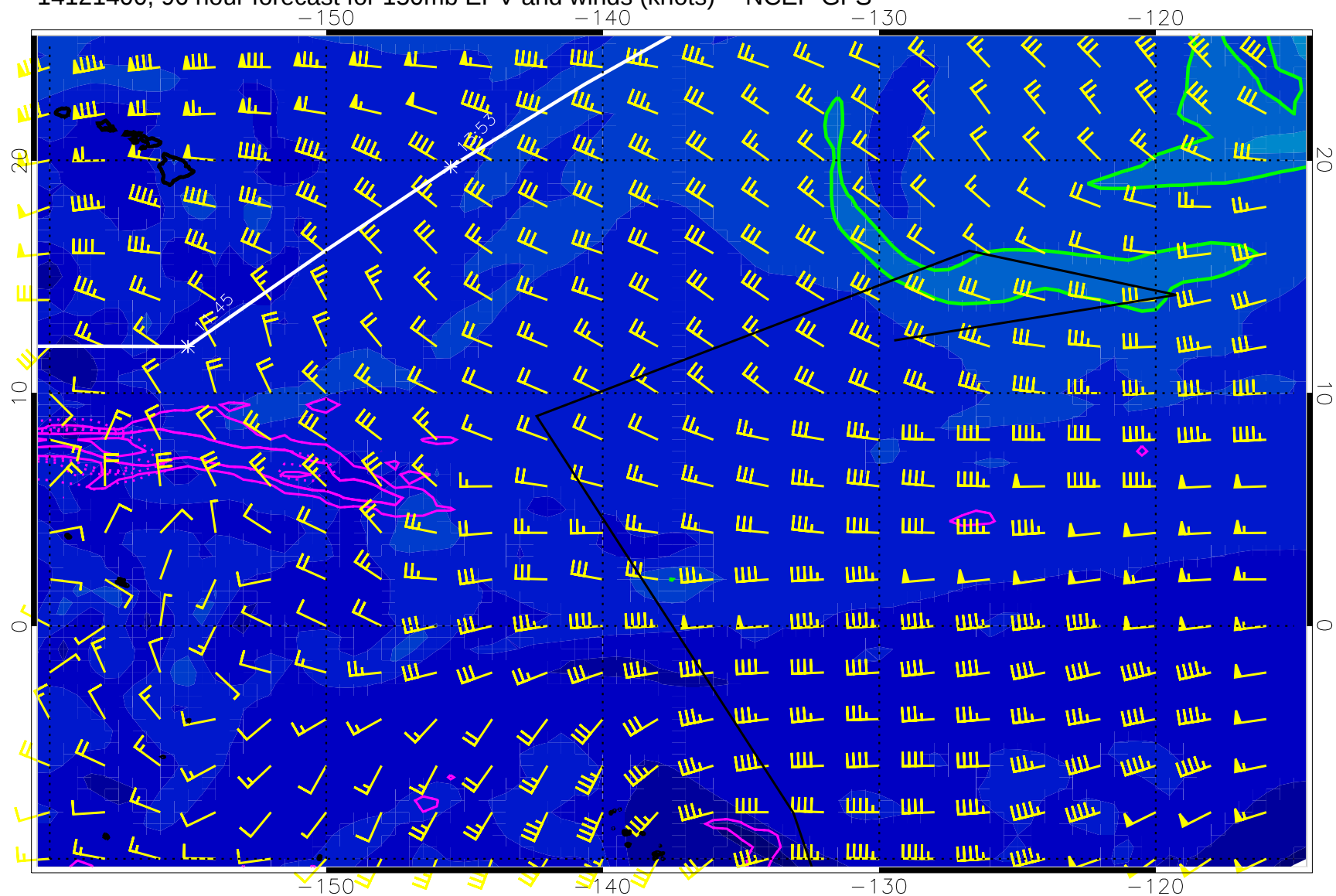
1.5×10^{-5}

PVU

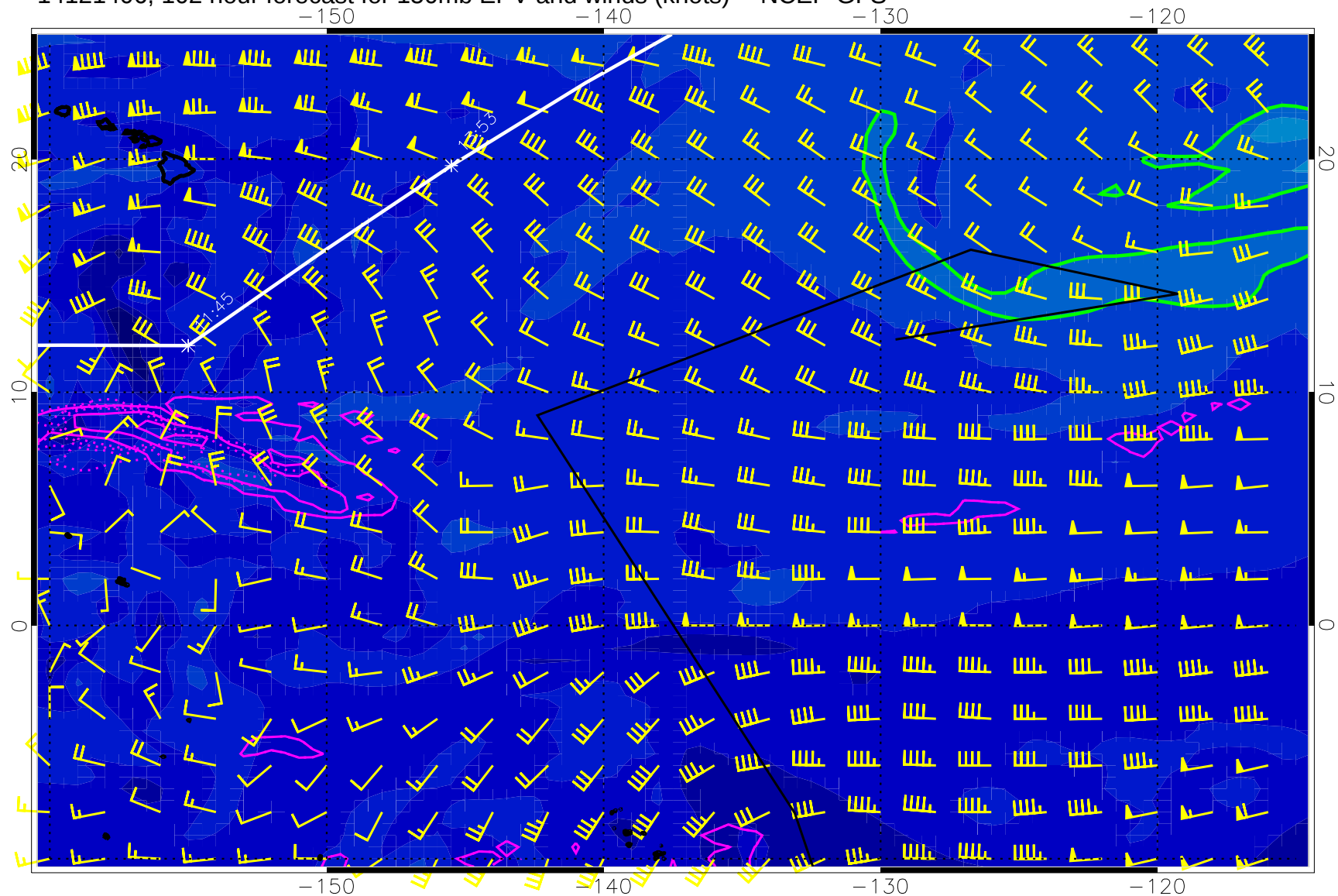
Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

14121400, 96 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



14121406, 102 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0

5.0×10^{-6}

1.0×10^{-5}

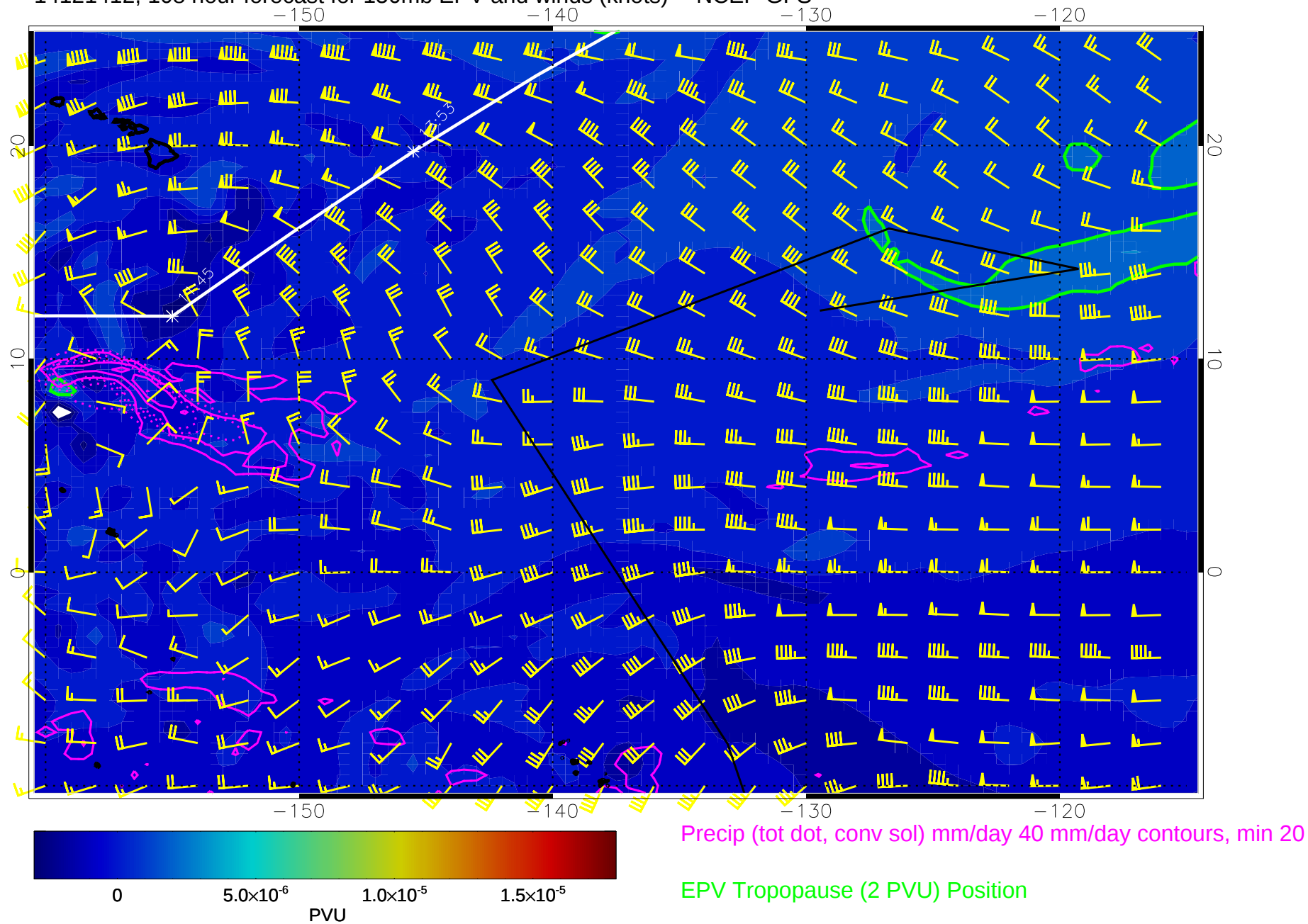
1.5×10^{-5}

PVU

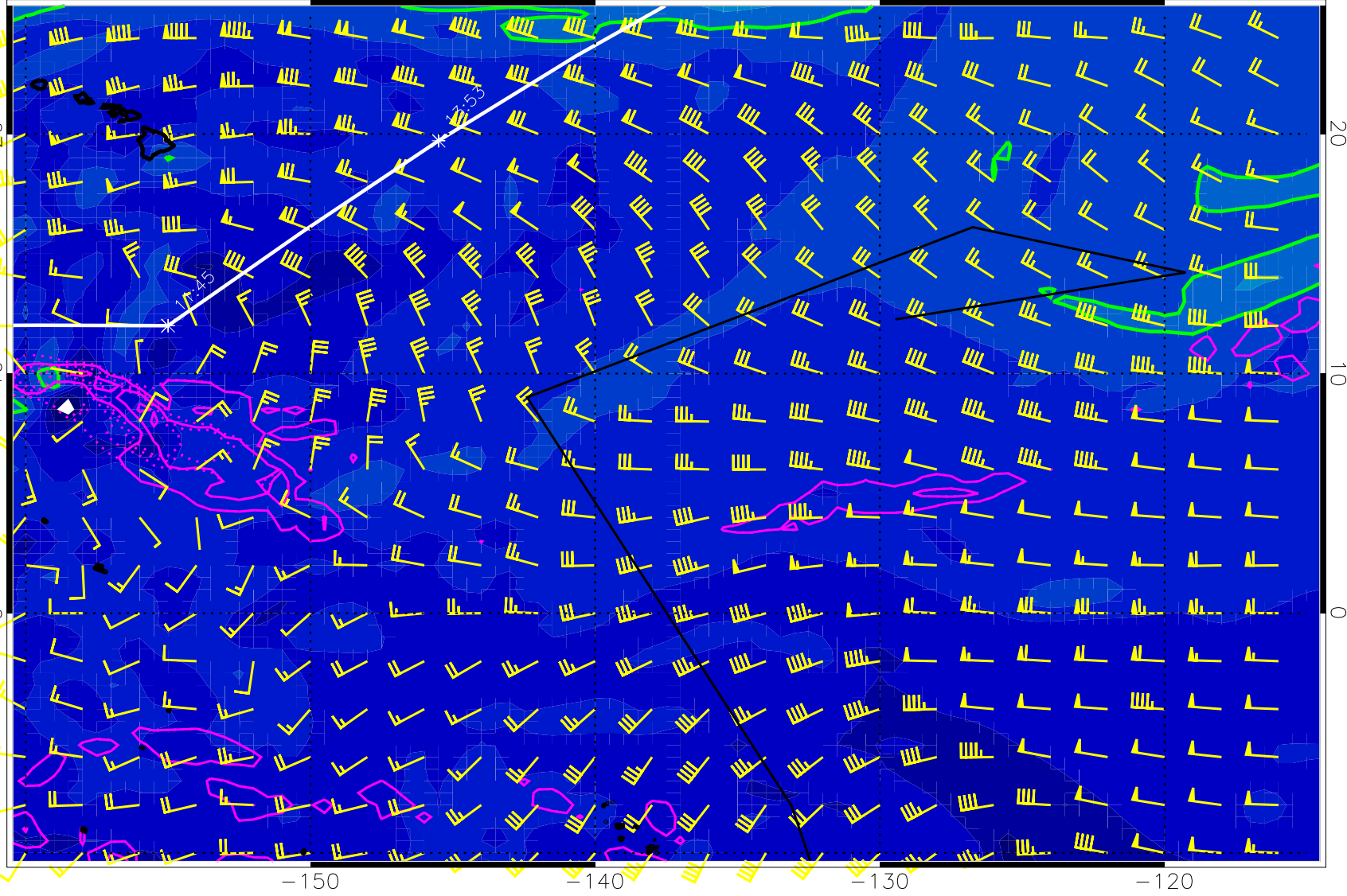
Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

14121412, 108 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



1222120, 1211010, 1200000, 1199000, 1198000, 1197000, 1196000, 1195000, 1194000, 1193000, 1192000, 1191000, 1190000, 1189000, 1188000, 1187000, 1186000, 1185000, 1184000, 1183000, 1182000, 1181000, 1180000, 1179000, 1178000, 1177000, 1176000, 1175000, 1174000, 1173000, 1172000, 1171000, 1170000, 1169000, 1168000, 1167000, 1166000, 1165000, 1164000, 1163000, 1162000, 1161000, 1160000, 1159000, 1158000, 1157000, 1156000, 1155000, 1154000, 1153000, 1152000, 1151000, 1150000, 1149000, 1148000, 1147000, 1146000, 1145000, 1144000, 1143000, 1142000, 1141000, 1140000, 1139000, 1138000, 1137000, 1136000, 1135000, 1134000, 1133000, 1132000, 1131000, 1130000, 1129000, 1128000, 1127000, 1126000, 1125000, 1124000, 1123000, 1122000, 1121000, 1120000, 1119000, 1118000, 1117000, 1116000, 1115000, 1114000, 1113000, 1112000, 1111000, 1110000, 1109000, 1108000, 1107000, 1106000, 1105000, 1104000, 1103000, 1102000, 1101000, 1100000, 1099000, 1098000, 1097000, 1096000, 1095000, 1094000, 1093000, 1092000, 1091000, 1090000, 1089000, 1088000, 1087000, 1086000, 1085000, 1084000, 1083000, 1082000, 1081000, 1080000, 1079000, 1078000, 1077000, 1076000, 1075000, 1074000, 1073000, 1072000, 1071000, 1070000, 1069000, 1068000, 1067000, 1066000, 1065000, 1064000, 1063000, 1062000, 1061000, 1060000, 1059000, 1058000, 1057000, 1056000, 1055000, 1054000, 1053000, 1052000, 1051000, 1050000, 1049000, 1048000, 1047000, 1046000, 1045000, 1044000, 1043000, 1042000, 1041000, 1040000, 1039000, 1038000, 1037000, 1036000, 1035000, 1034000, 1033000, 1032000, 1031000, 1030000, 1029000, 1028000, 1027000, 1026000, 1025000, 1024000, 1023000, 1022000, 1021000, 1020000, 1019000, 1018000, 1017000, 1016000, 1015000, 1014000, 1013000, 1012000, 1011000, 1010000, 1009000, 1008000, 1007000, 1006000, 1005000, 1004000, 1003000, 1002000, 1001000, 1000000, 999000, 998000, 997000, 996000, 995000, 994000, 993000, 992000, 991000, 990000, 989000, 988000, 987000, 986000, 985000, 984000, 983000, 982000, 981000, 980000, 979000, 978000, 977000, 976000, 975000, 974000, 973000, 972000, 971000, 970000, 969000, 968000, 967000, 966000, 965000, 964000, 963000, 962000, 961000, 960000, 959000, 958000, 957000, 956000, 955000, 954000, 953000, 952000, 951000, 950000, 949000, 948000, 947000, 946000, 945000, 944000, 943000, 942000, 941000, 940000, 939000, 938000, 937000, 936000, 935000, 934000, 933000, 932000, 931000, 930000, 929000, 928000, 927000, 926000, 925000, 924000, 923000, 922000, 921000, 920000, 919000, 918000, 917000, 916000, 915000, 914000, 913000, 912000, 911000, 910000, 909000, 908000, 907000, 906000, 905000, 904000, 903000, 902000, 901000, 900000, 899000, 898000, 897000, 896000, 895000, 894000, 893000, 892000, 891000, 890000, 889000, 888000, 887000, 886000, 885000, 884000, 883000, 882000, 881000, 880000, 879000, 878000, 877000, 876000, 875000, 874000, 873000, 872000, 871000, 870000, 869000, 868000, 867000, 866000, 865000, 864000, 863000, 862000, 861000, 860000, 859000, 858000, 857000, 856000, 855000, 854000, 853000, 852000, 851000, 850000, 849000, 848000, 847000, 846000, 845000, 844000, 843000, 842000, 841000, 840000, 839000, 838000, 837000, 836000, 835000, 834000, 833000, 832000, 831000, 830000, 829000, 828000, 827000, 826000, 825000, 824000, 823000, 822000, 821000, 820000, 819000, 818000, 817000, 816000, 815000, 814000, 813000, 812000, 811000, 810000, 809000, 808000, 807000, 806000, 805000, 804000, 803000, 802000, 801000, 800000, 799000, 798000, 797000, 796000, 795000, 794000, 793000, 792000, 791000, 790000, 789000, 788000, 787000, 786000, 785000, 784000, 783000, 782000, 781000, 780000, 779000, 778000, 777000, 776000, 775000, 774000, 773000, 772000, 771000, 770000, 769000, 768000, 767000, 766000, 765000, 764000, 763000, 762000, 761000, 760000, 759000, 758000, 757000, 756000, 755000, 754000, 753000, 752000, 751000, 750000, 749000, 748000, 747000, 746000, 745000, 744000, 743000, 742000, 741000, 740000, 739000, 738000, 737000, 736000, 735000, 734000, 733000, 732000, 731000, 730000, 729000, 728000, 727000, 726000, 725000, 724000, 723000, 722000, 721000, 720000, 719000, 718000, 71



14121500, 120 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS

