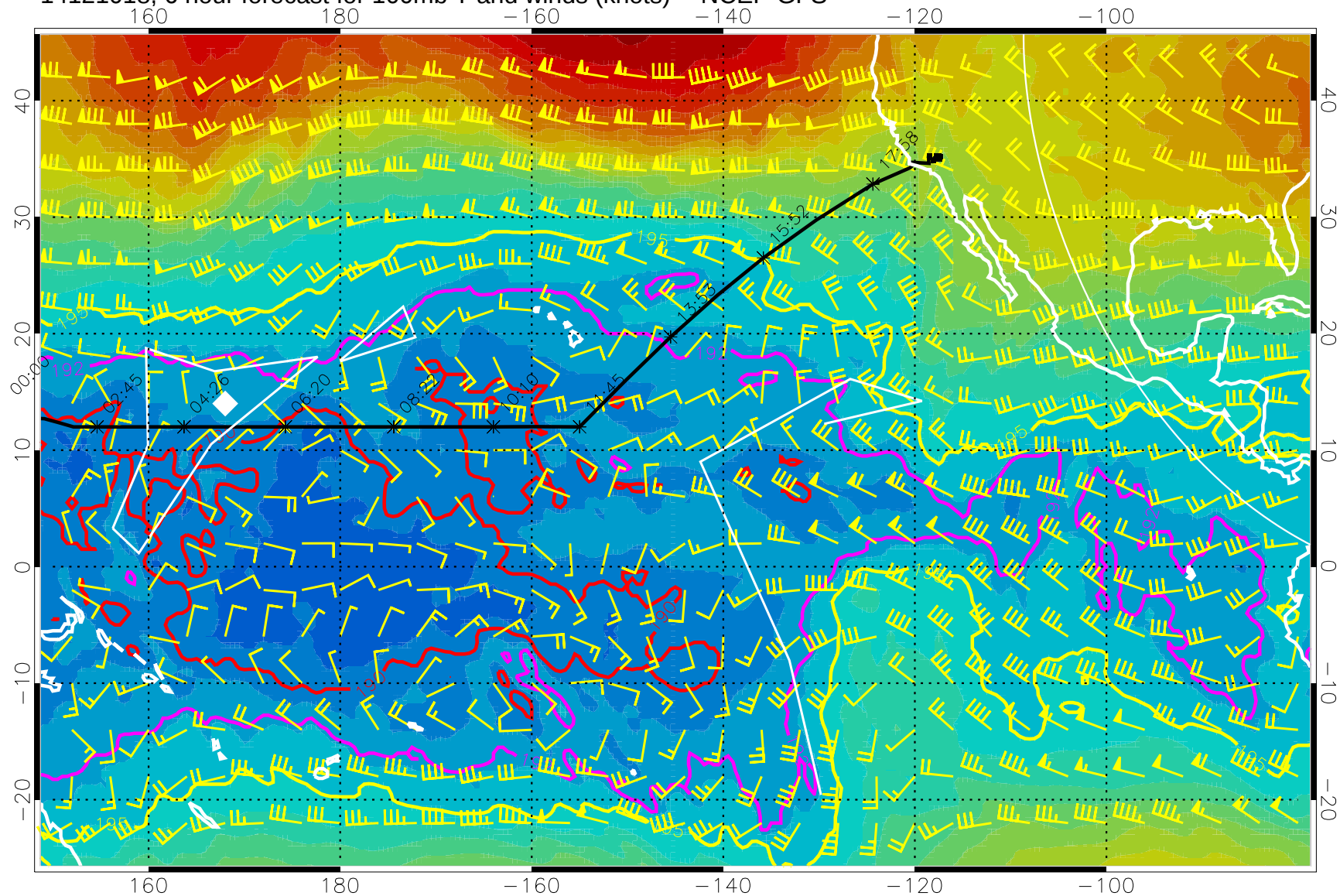


14121018, 6 hour forecast for 100mb T and winds (knots) -- NCEP GFS



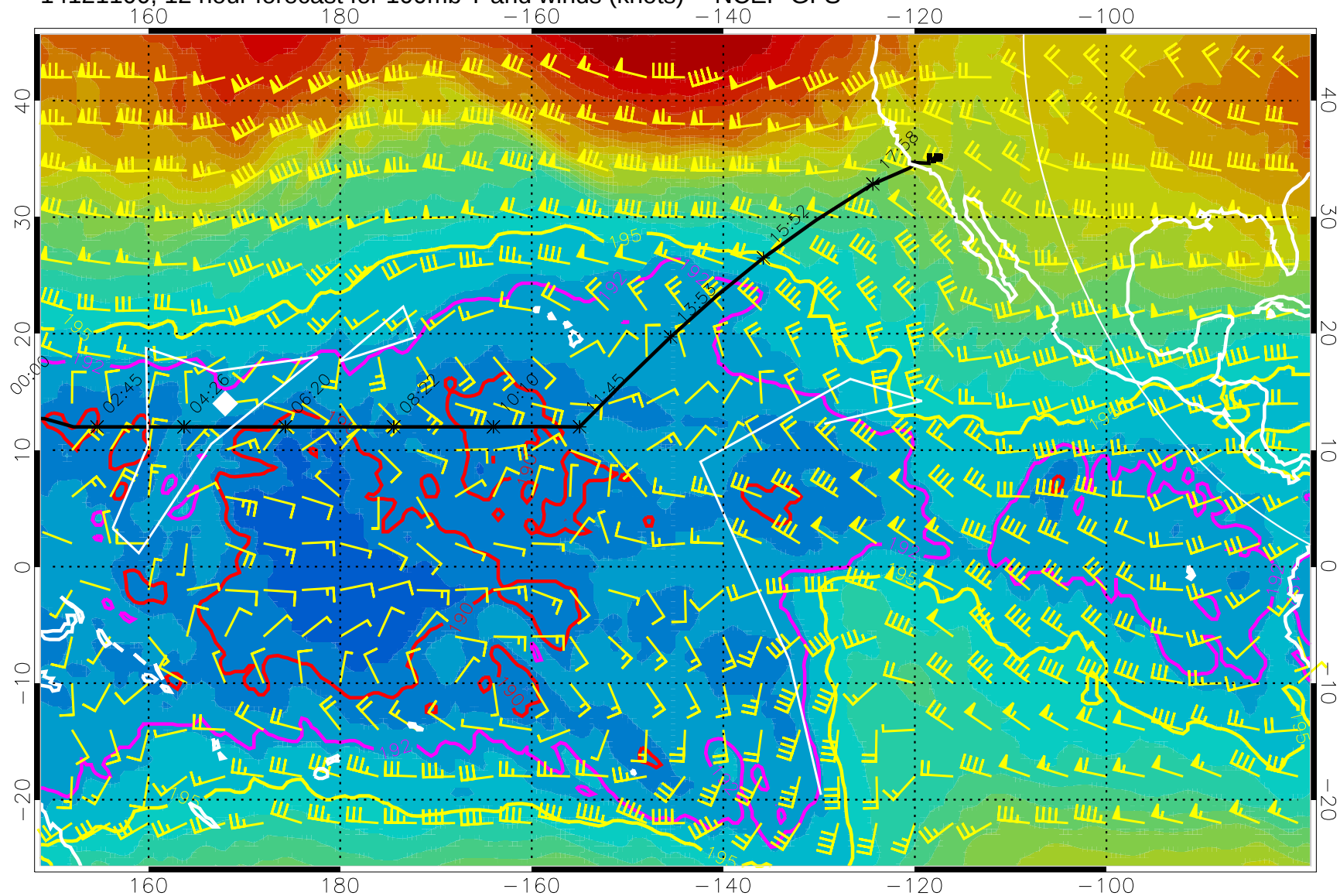
180 190 200 210 220

T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

14121100, 12 hour forecast for 100mb T and winds (knots) -- NCEP GFS



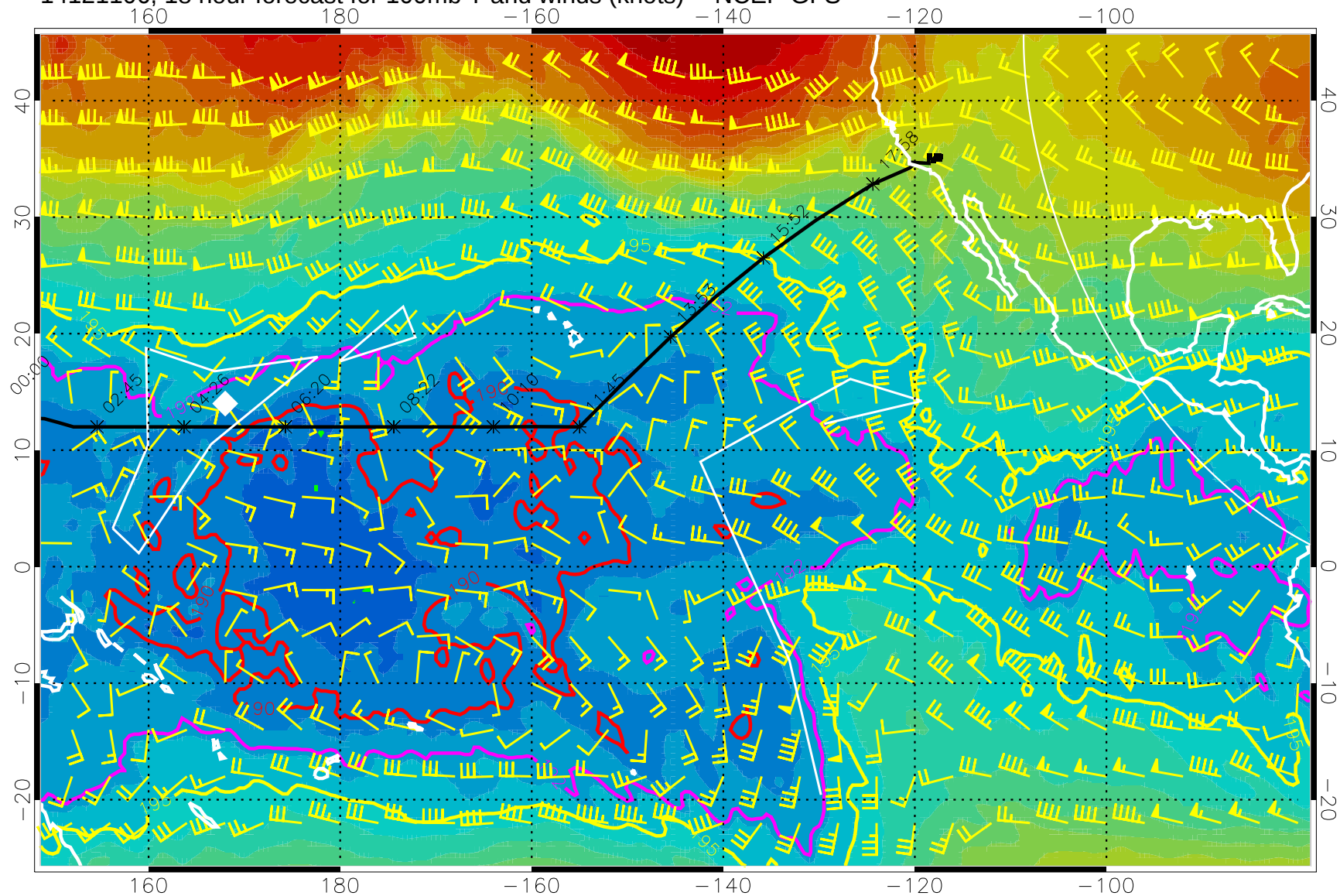
180 190 200 210 220

T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

14121106, 18 hour forecast for 100mb T and winds (knots) -- NCEP GFS



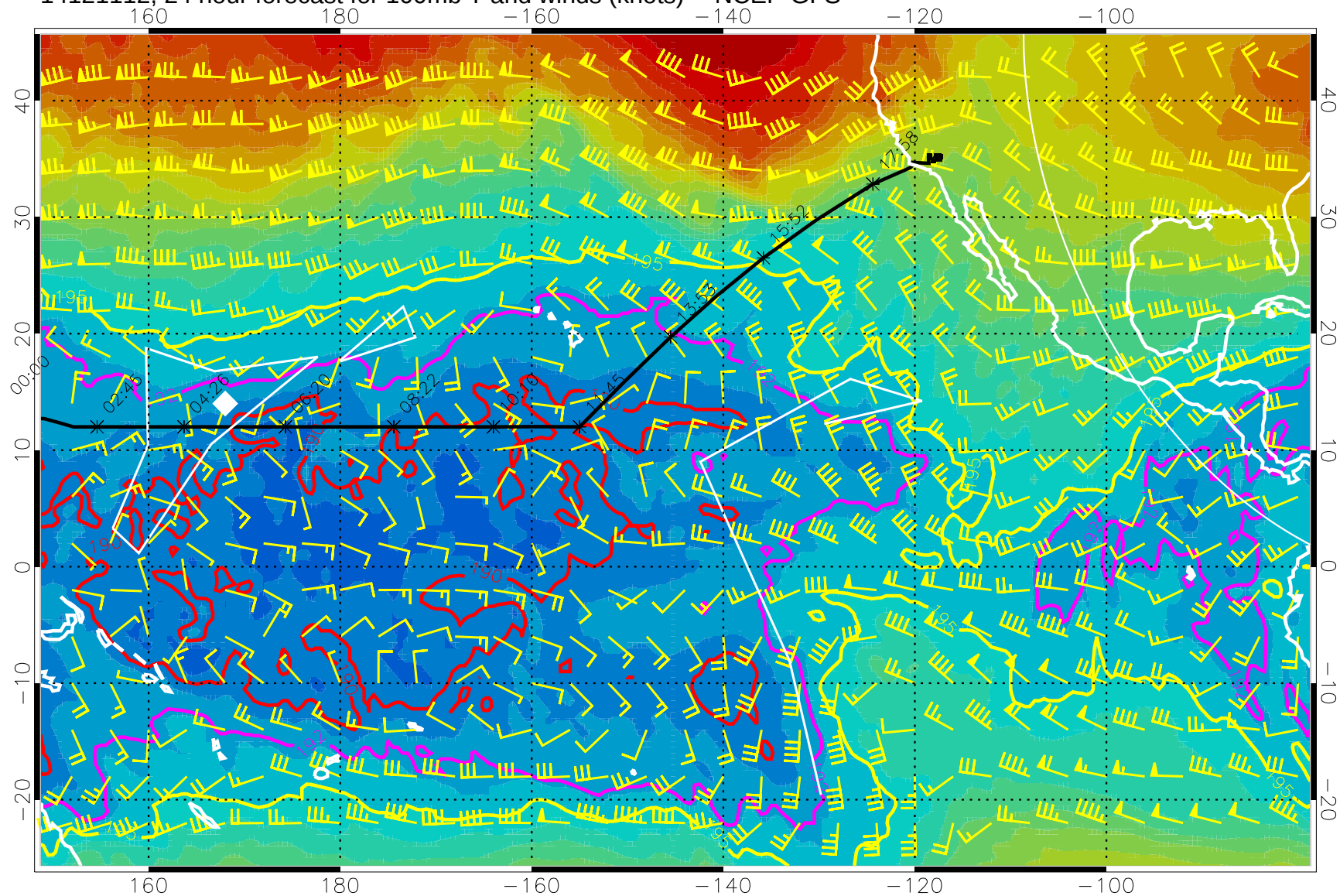
180 190 200 210 220

T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

14121112, 24 hour forecast for 100mb T and winds (knots) -- NCEP GFS



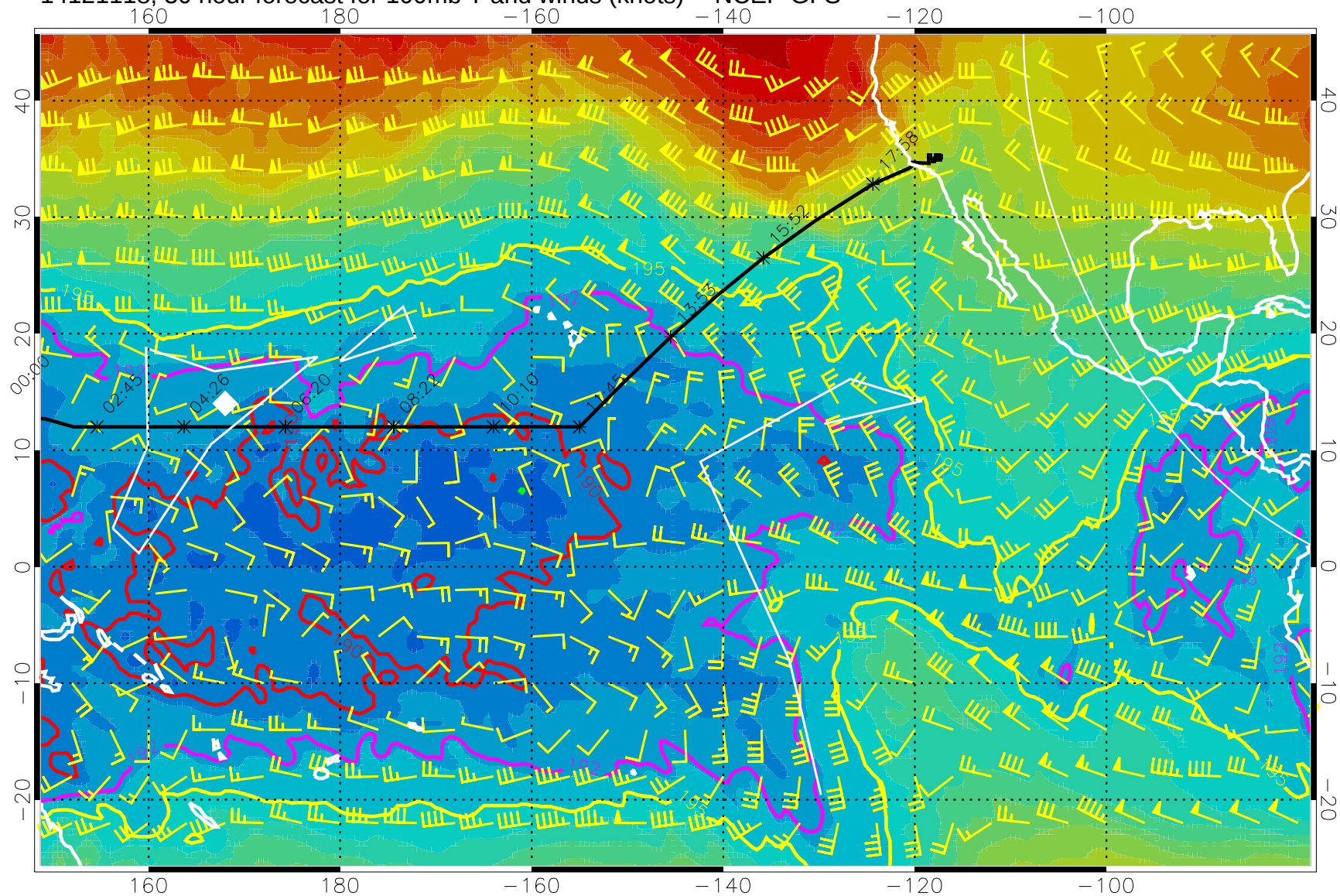
180 190 200 210 220

T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

14121118, 30 hour forecast for 100mb T and winds (knots) -- NCEP GFS



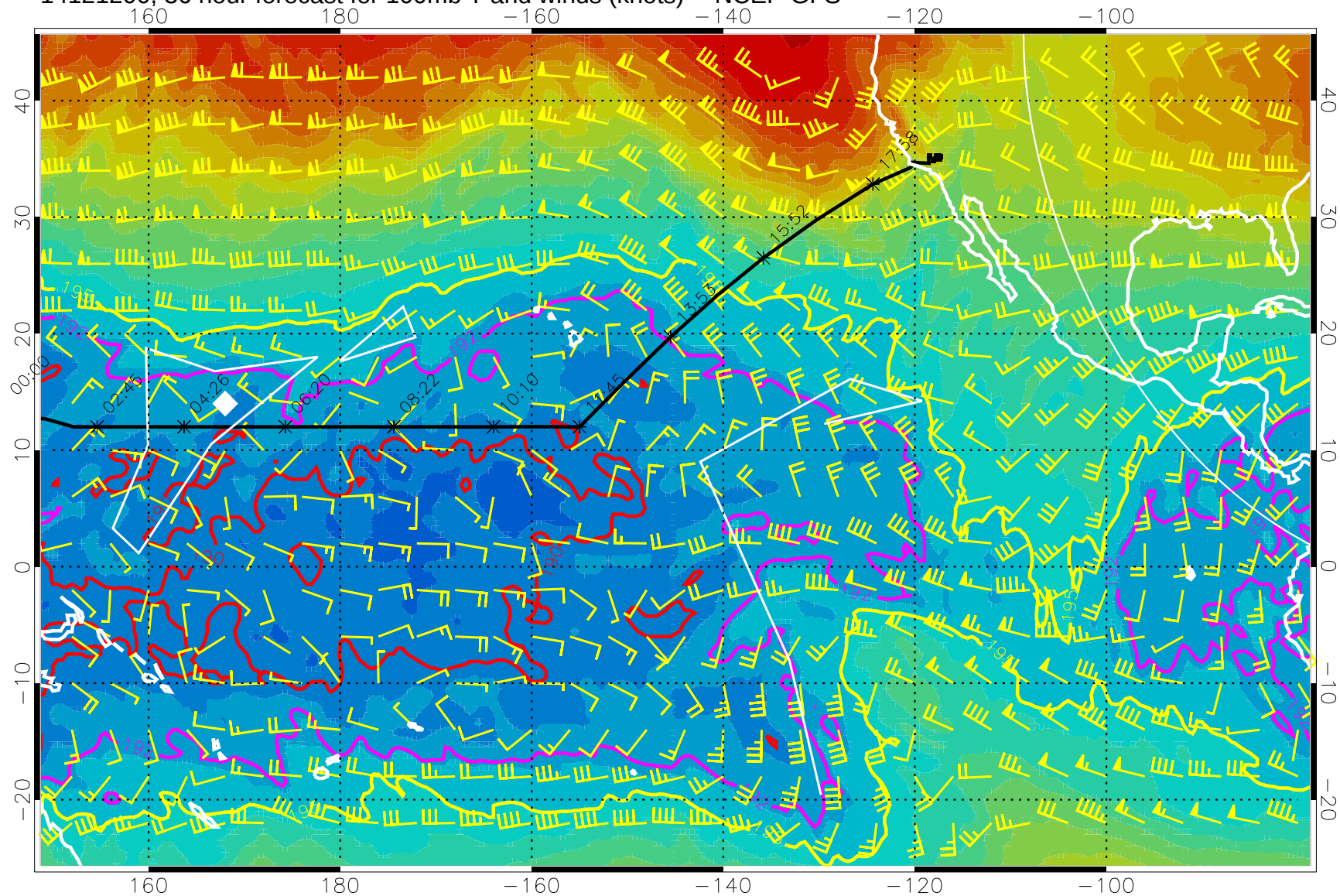
180 190 200 210 220

T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

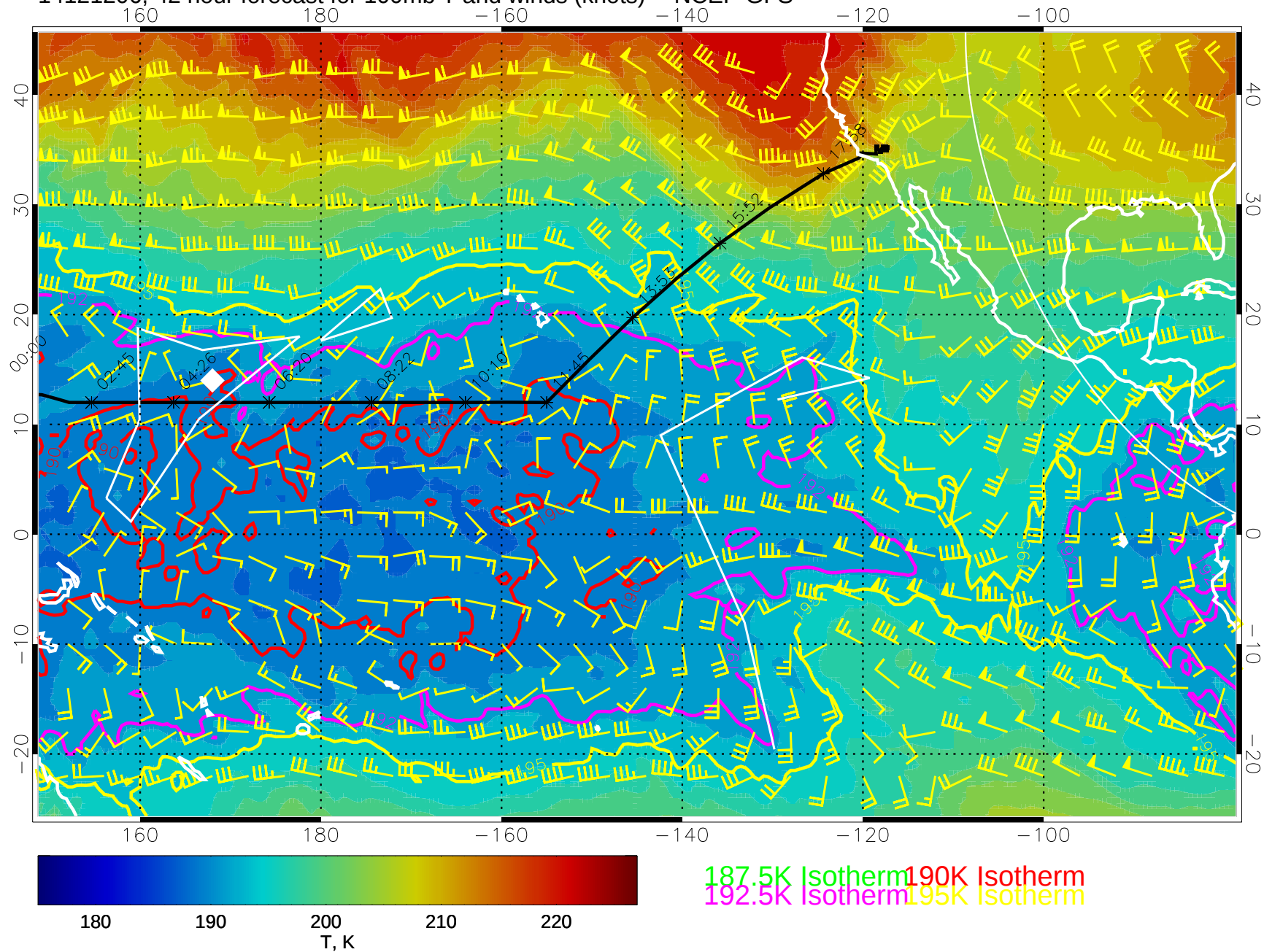
Range ring of 4055 km -- 13 hours GH round trip

14121200, 36 hour forecast for 100mb T and winds (knots) -- NCEP GFS



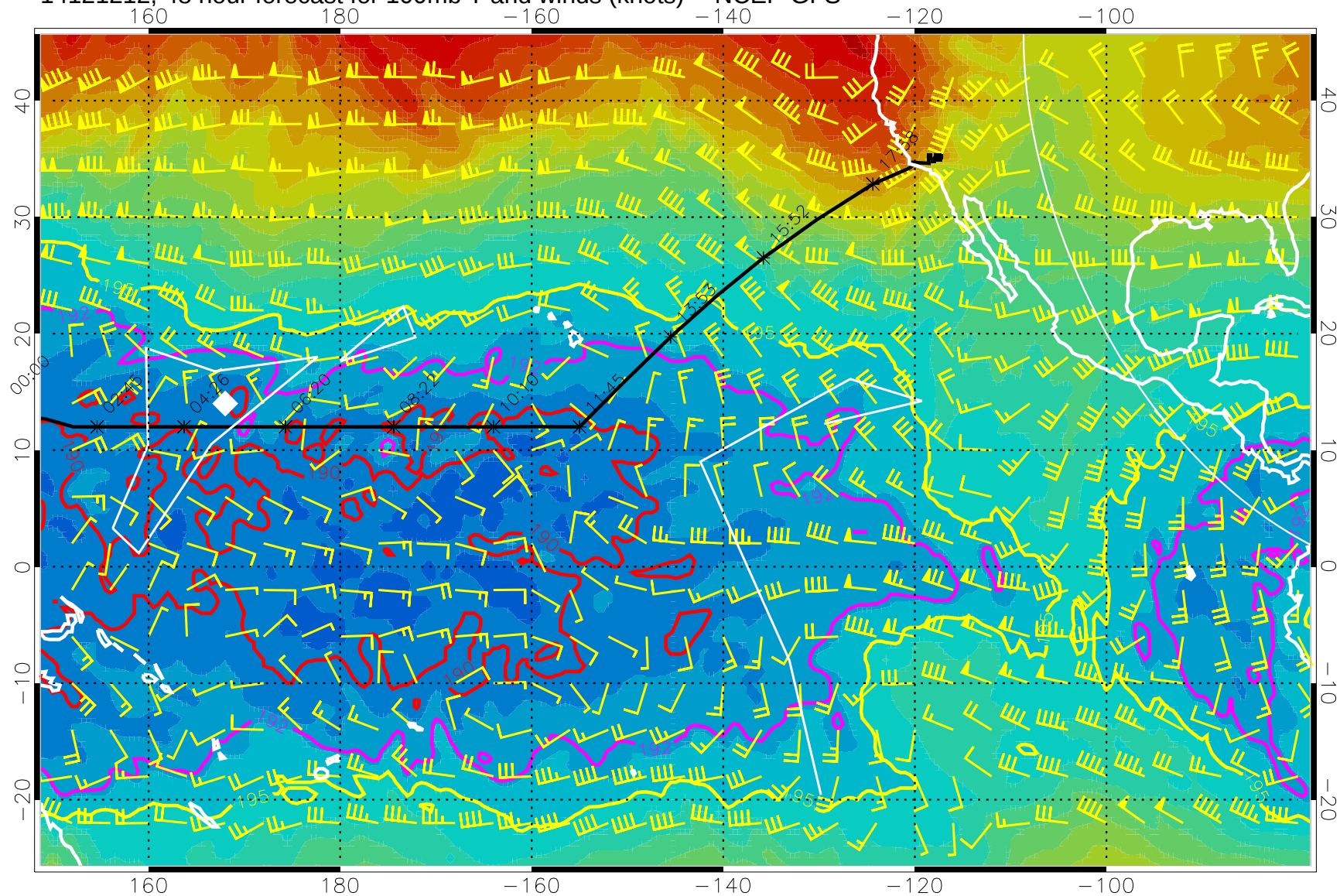
Range ring of 4055 km -- 13 hours GH round trip

14121206, 42 hour forecast for 100mb T and winds (knots) -- NCEP GFS



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

14121212, 48 hour forecast for 100mb T and winds (knots) -- NCEP GFS



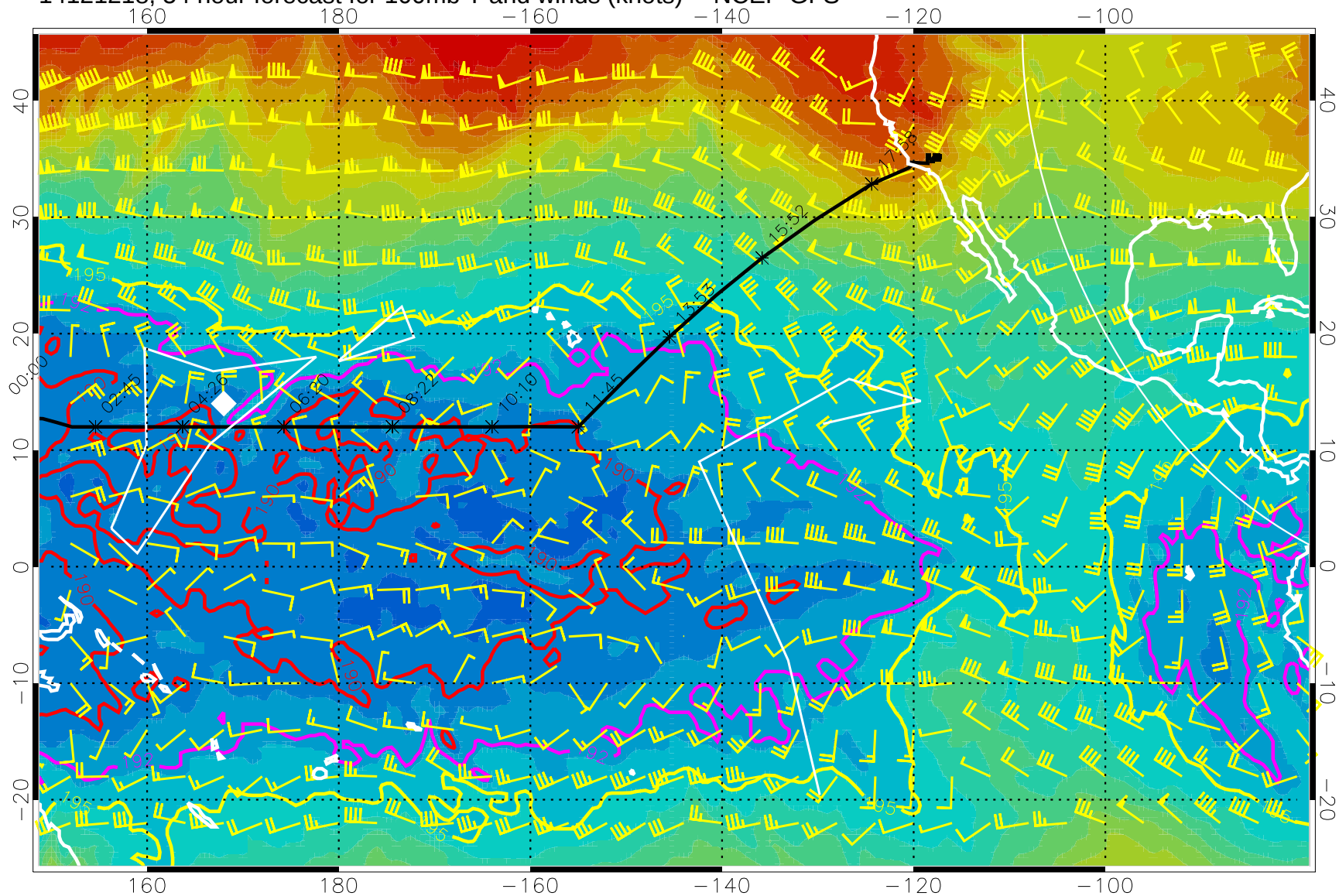
180 190 200 210 220

T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

14121218, 54 hour forecast for 100mb T and winds (knots) -- NCEP GFS



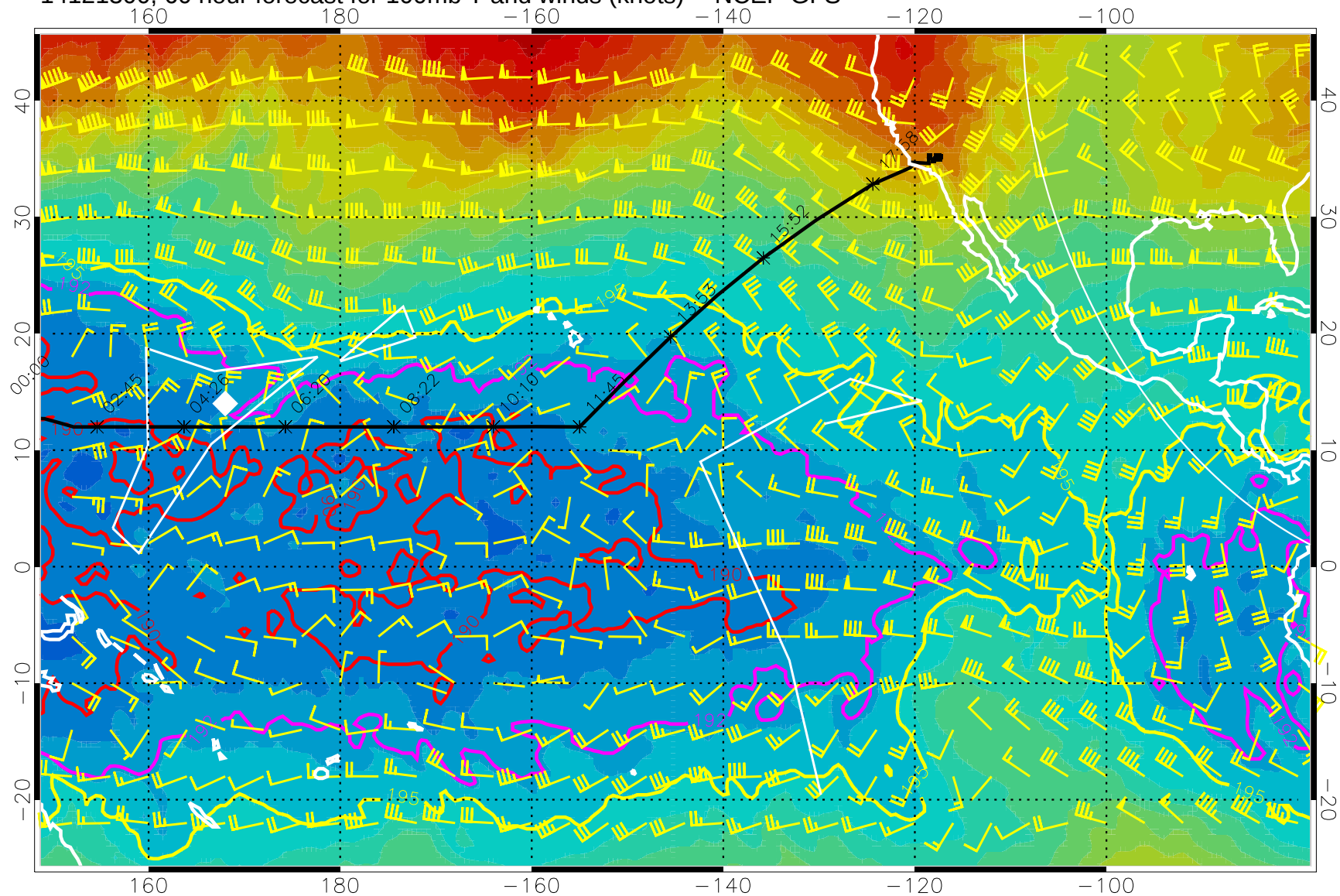
180 190 200 210 220

T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

14121300, 60 hour forecast for 100mb T and winds (knots) -- NCEP GFS

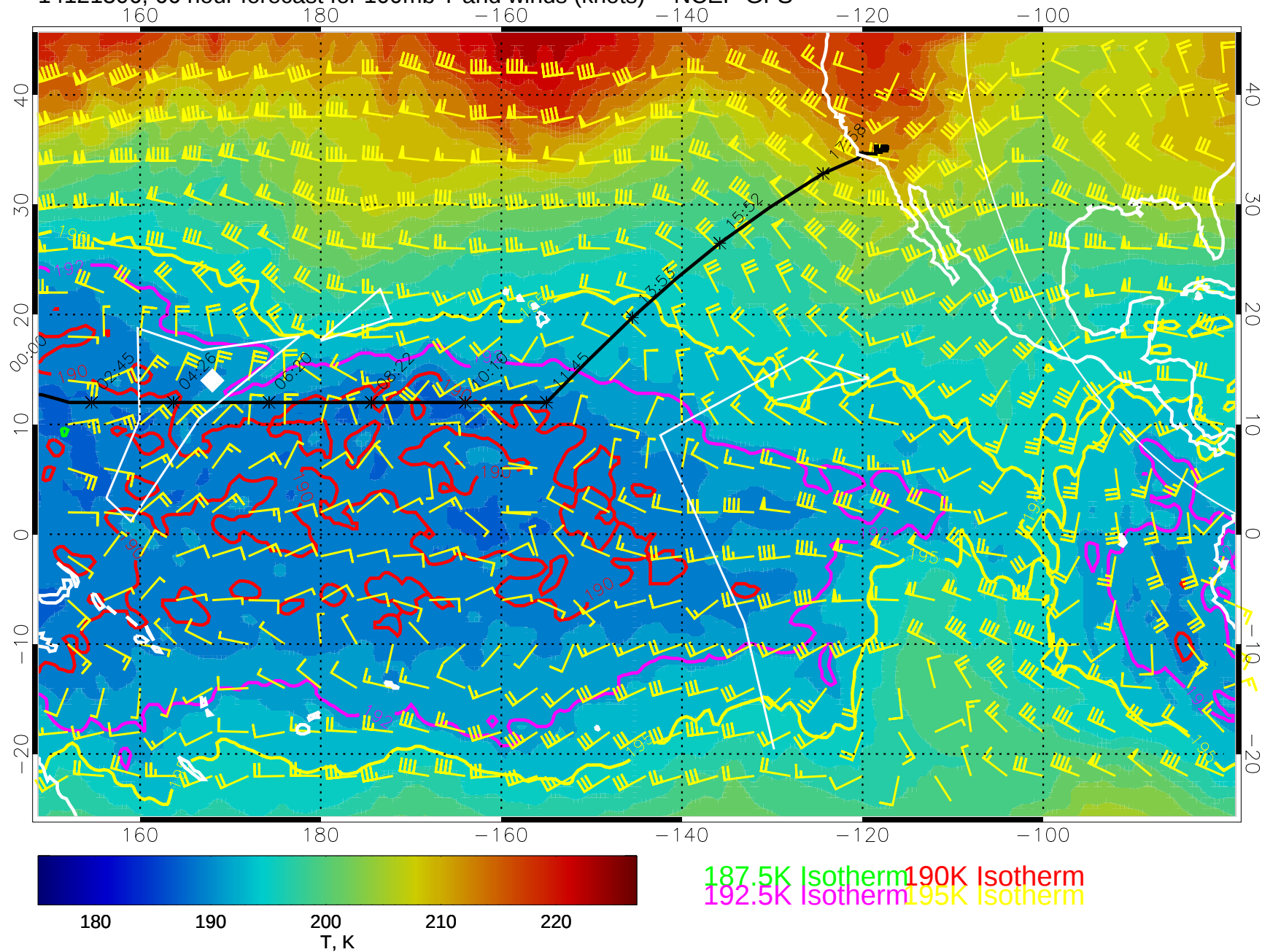


T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

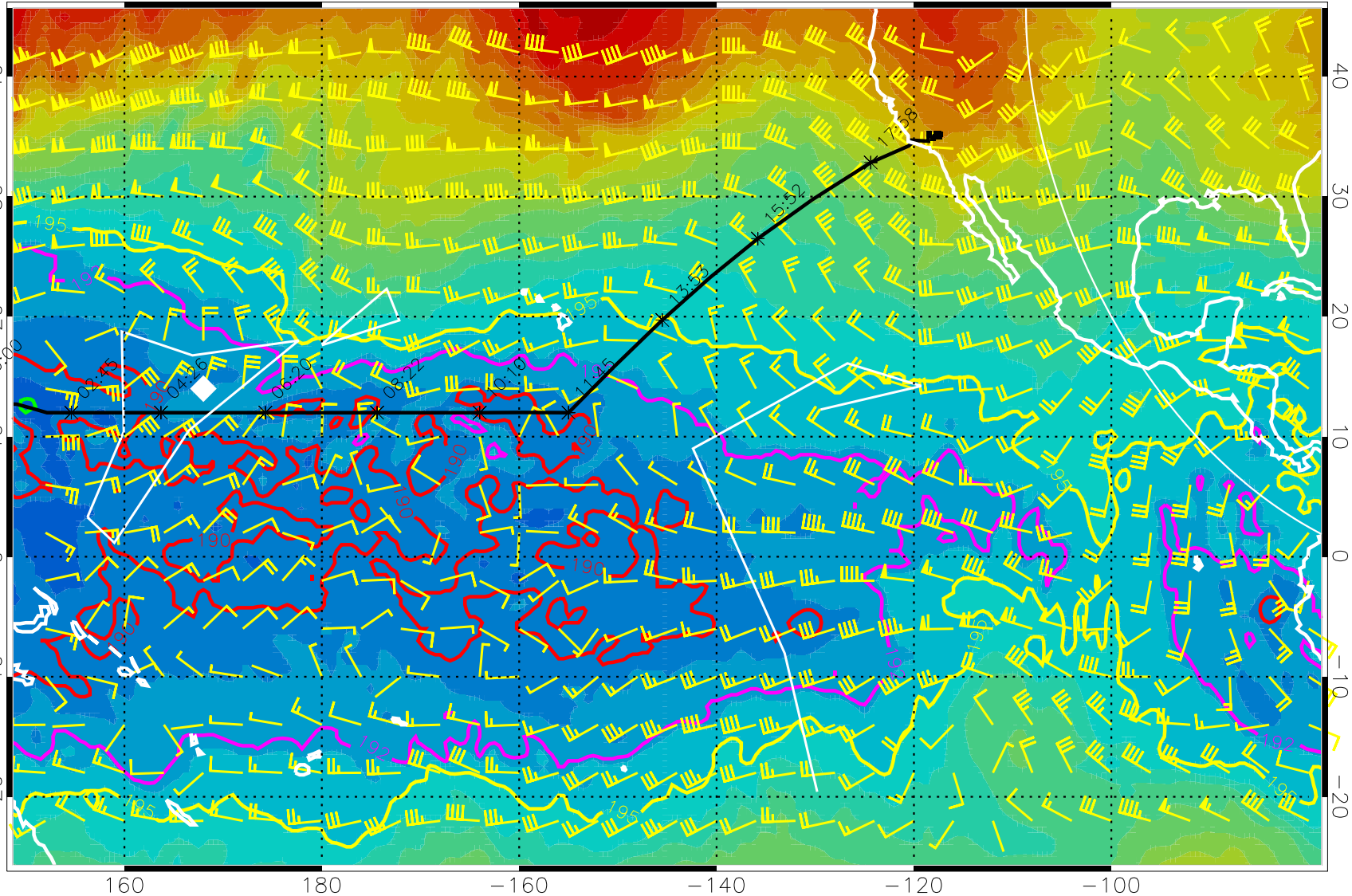
Range ring of 4055 km -- 13 hours GH round trip

14121306, 66 hour forecast for 100mb T and winds (knots) -- NCEP GFS



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

160 180 -160 -140 -120 -100



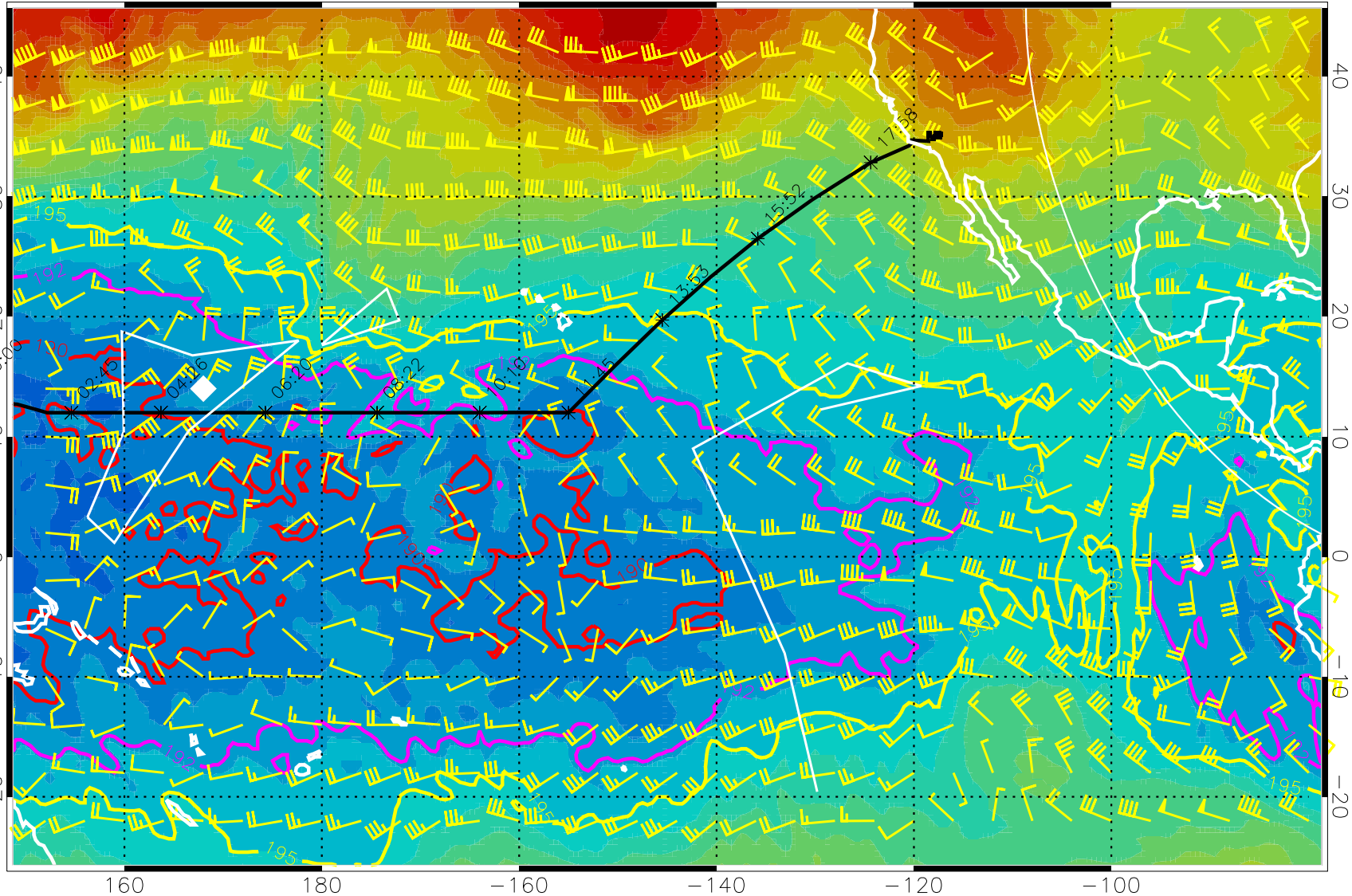
180 190 200 210 220

T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

160 180 -160 -140 -120 -100



190

200
T, K

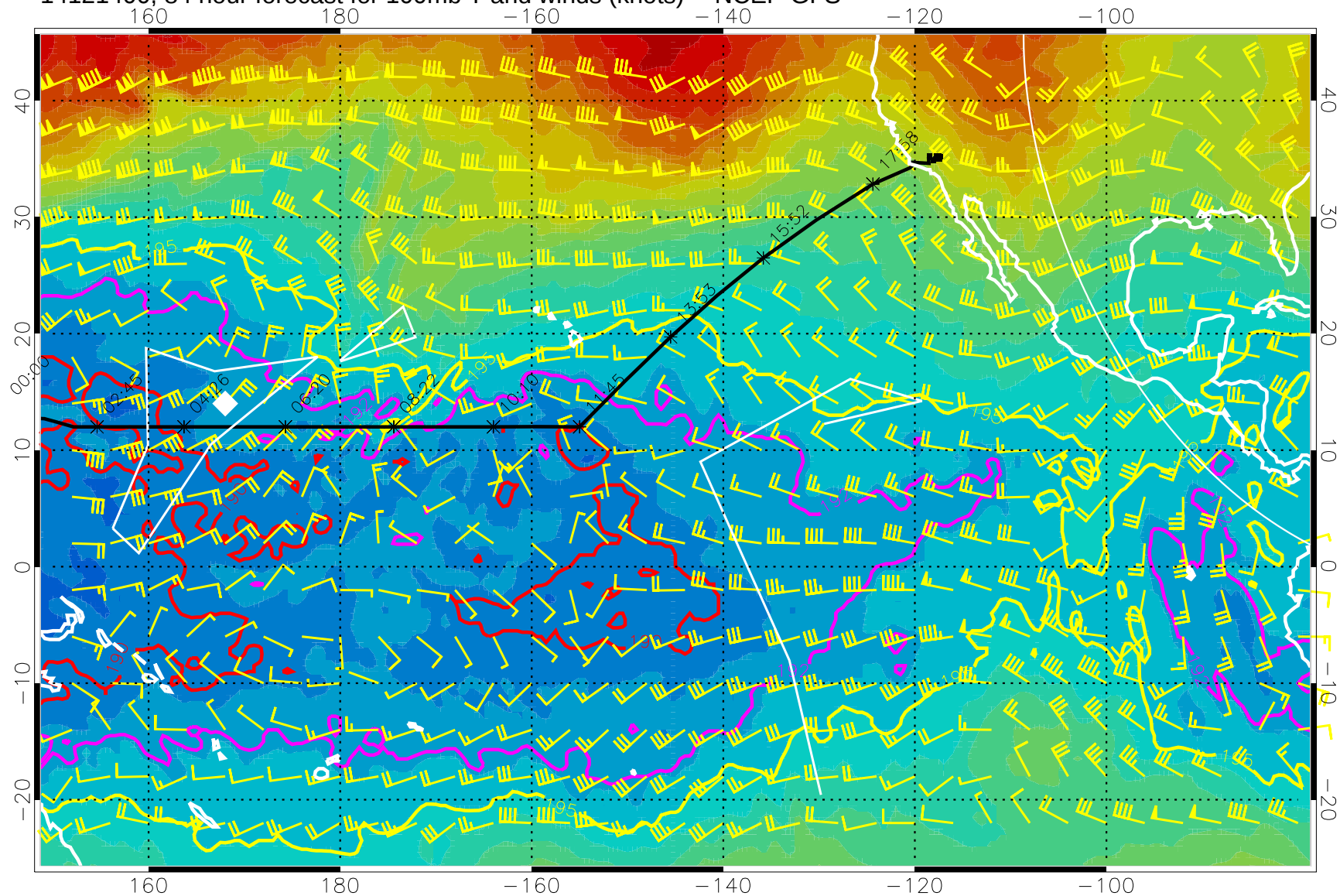
210

220

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

14121400, 84 hour forecast for 100mb T and winds (knots) -- NCEP GFS

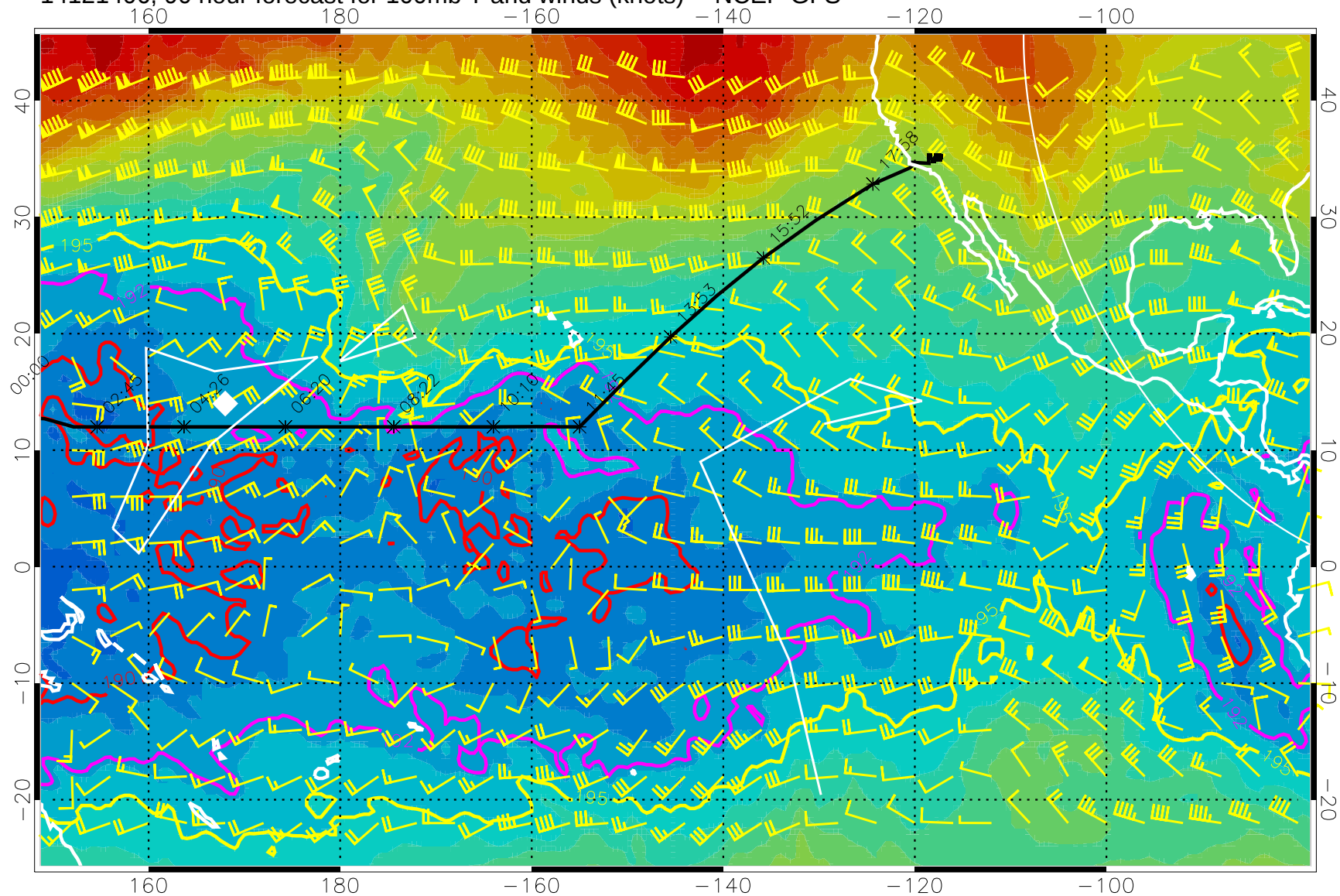


180 190 200 210 220
T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

14121406, 90 hour forecast for 100mb T and winds (knots) -- NCEP GFS



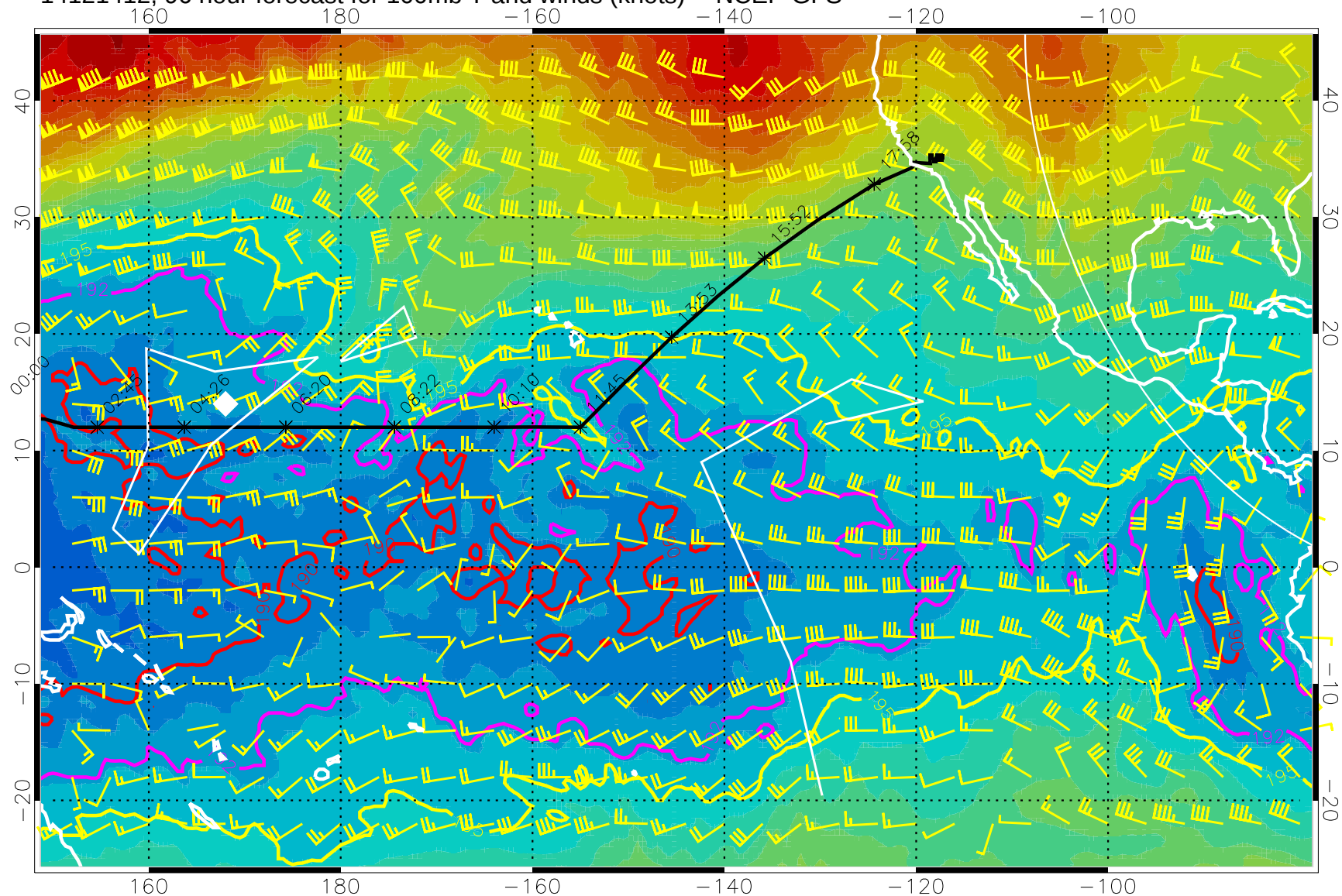
180 190 200 210 220

T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

14121412, 96 hour forecast for 100mb T and winds (knots) -- NCEP GFS



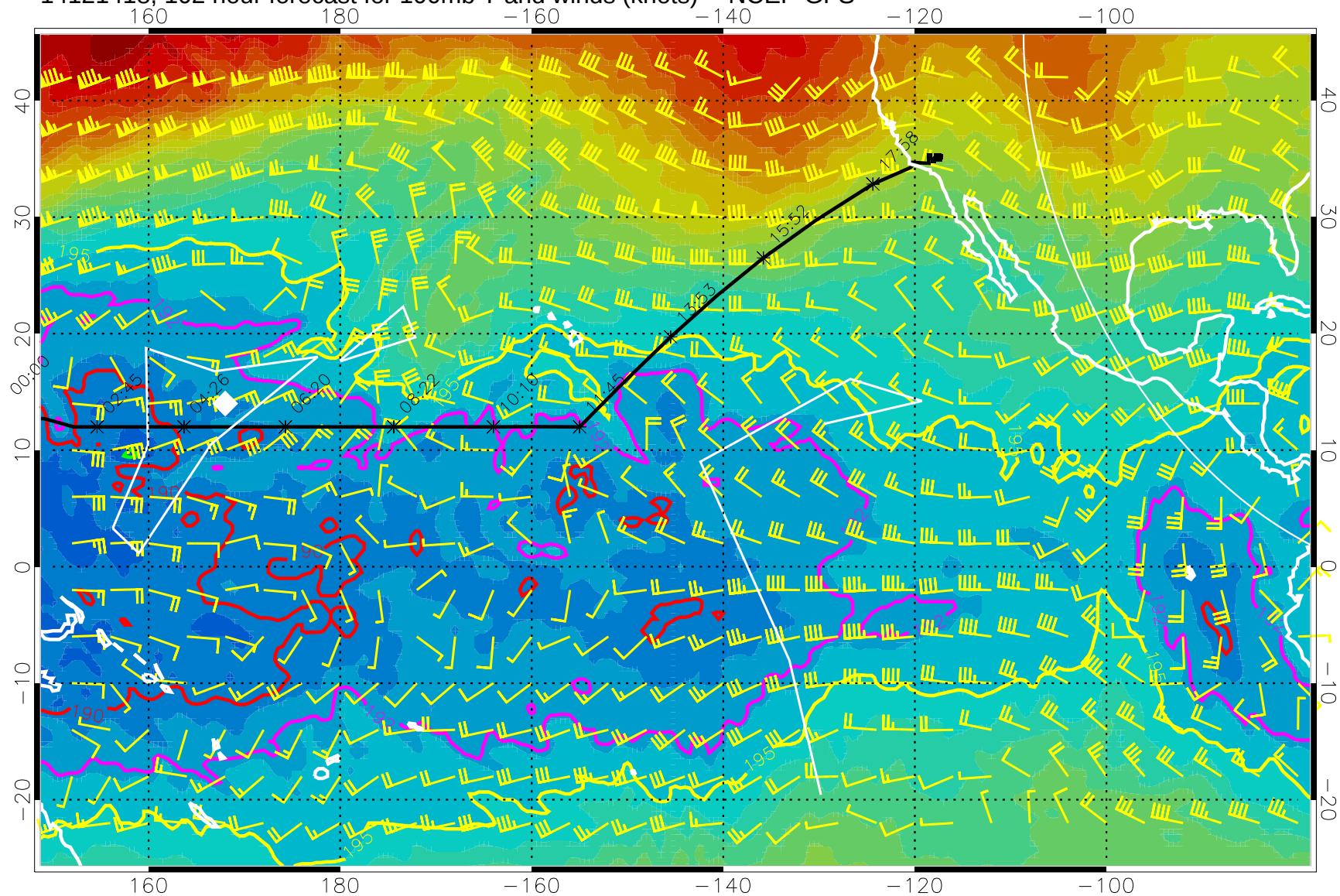
180 190 200 210 220

T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

14121418, 102 hour forecast for 100mb T and winds (knots) -- NCEP GFS



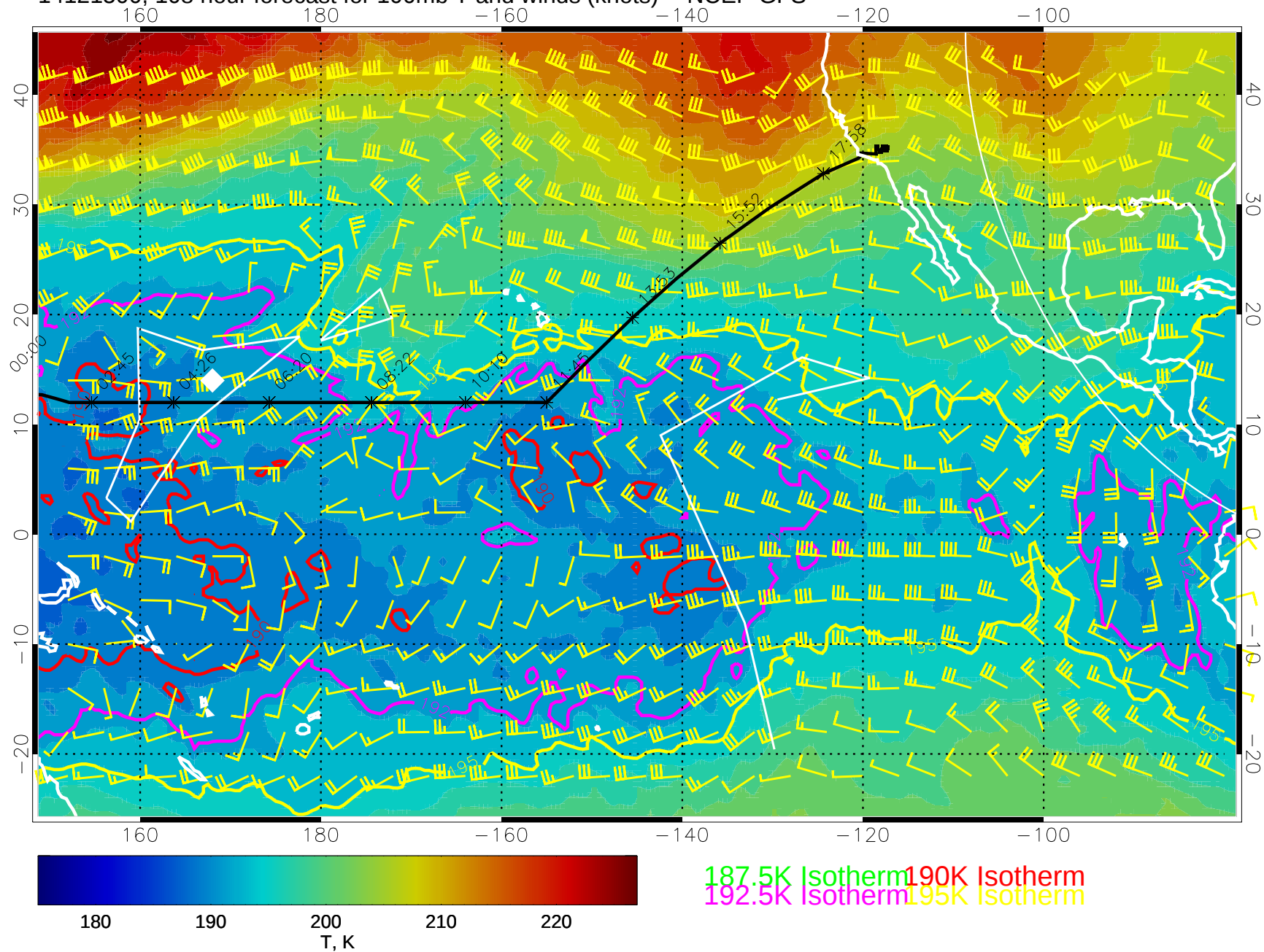
180 190 200 210 220

T, K

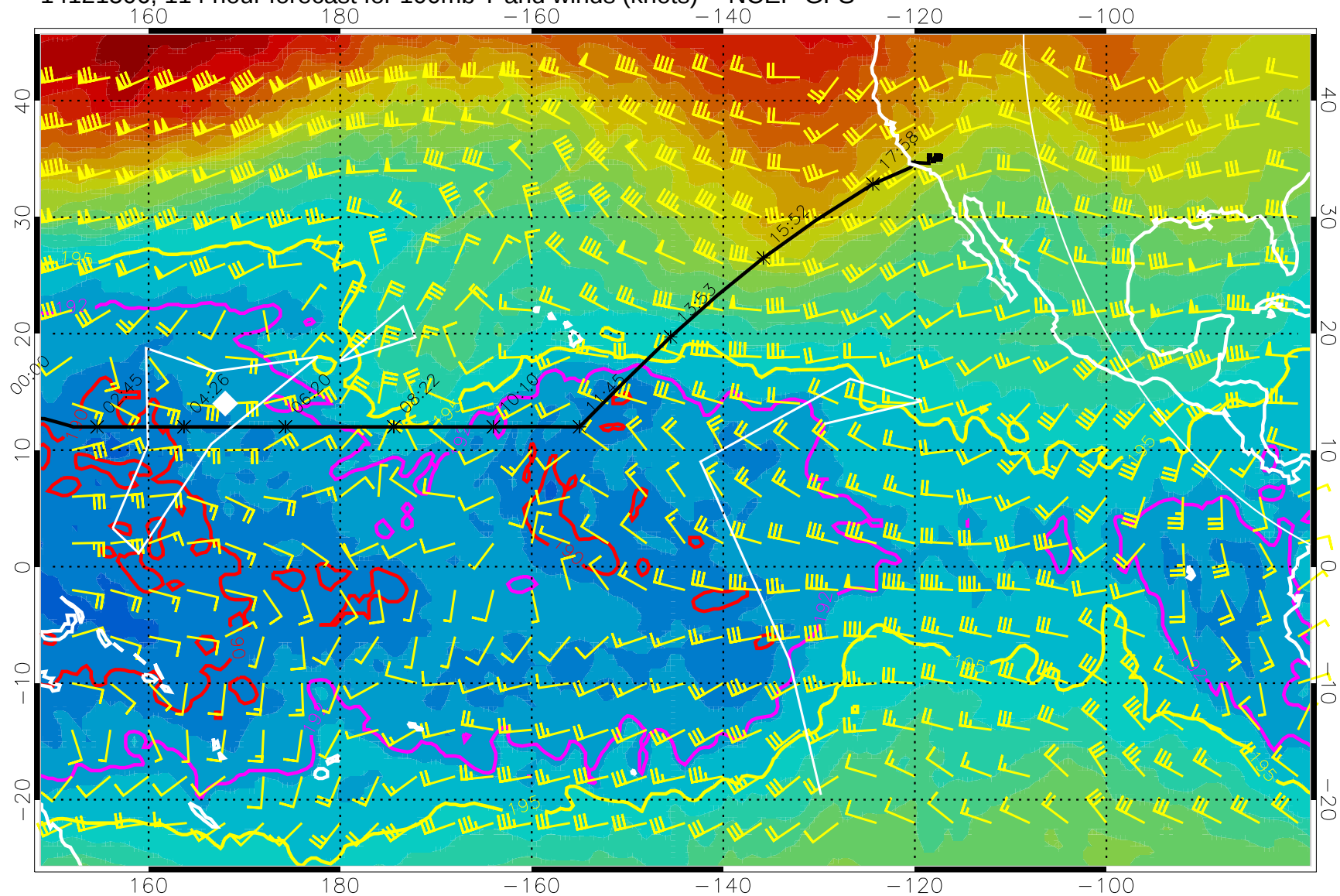
187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

14121500, 108 hour forecast for 100mb T and winds (knots) -- NCEP GFS



14121506, 114 hour forecast for 100mb T and winds (knots) -- NCEP GFS

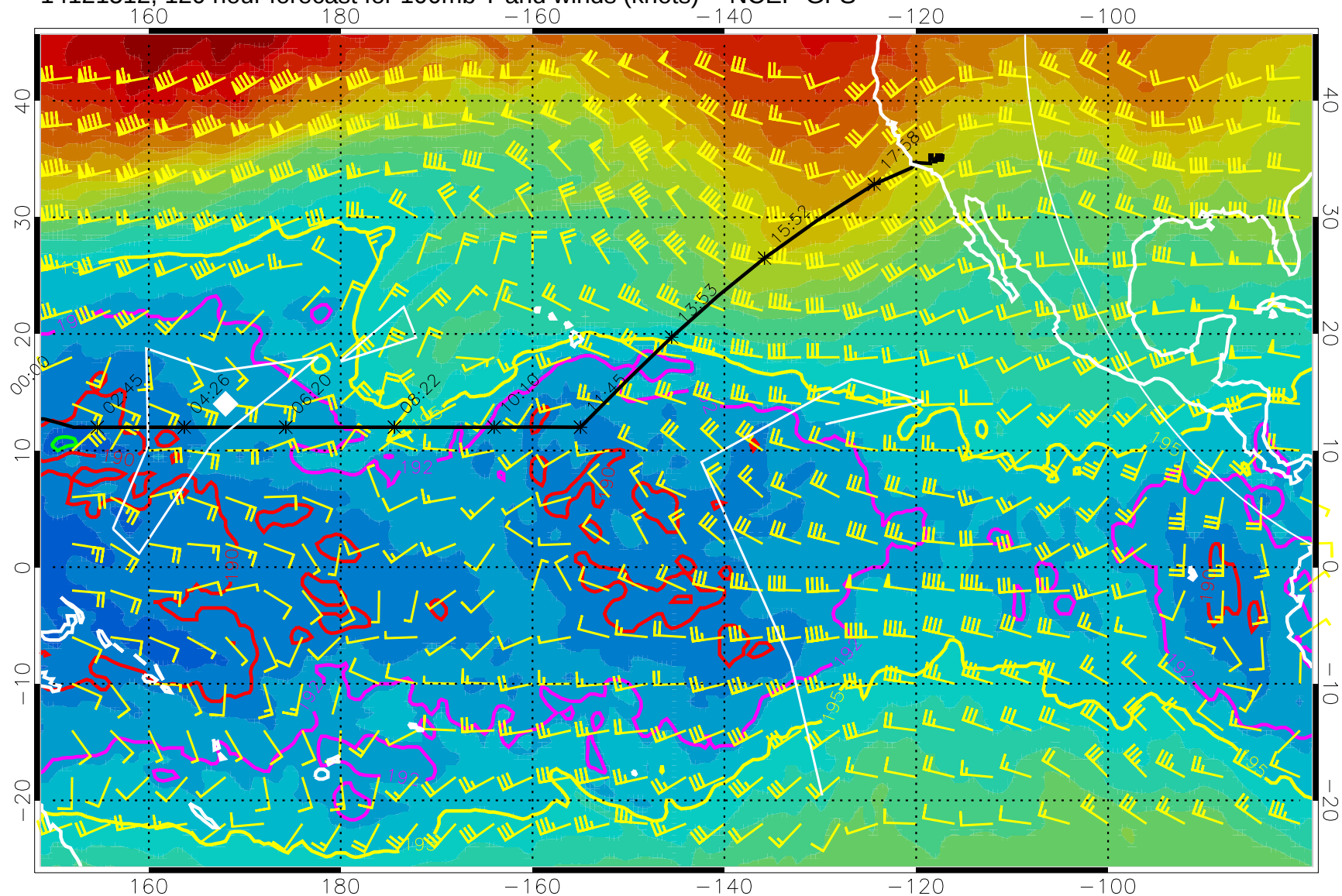


T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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

14121512, 120 hour forecast for 100mb T and winds (knots) -- NCEP GFS



180 190 200 210 220

T, K

187.5K Isotherm 190K Isotherm
192.5K Isotherm 195K Isotherm

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