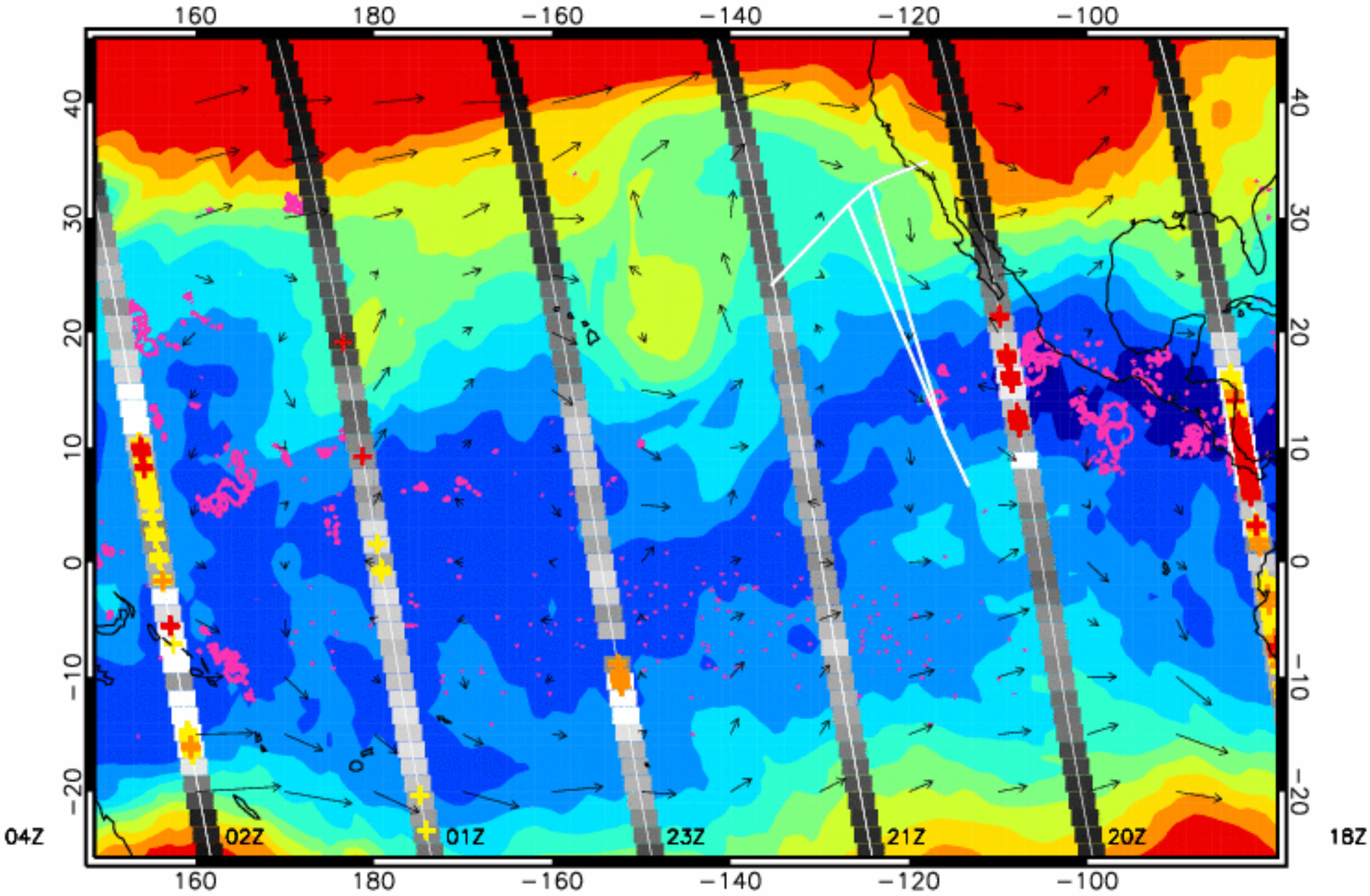
Temperature & Wind & RHI & Convection & High Cloud (2011.10.11.00Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

CALIPSO Clouds above 15km

+: thin

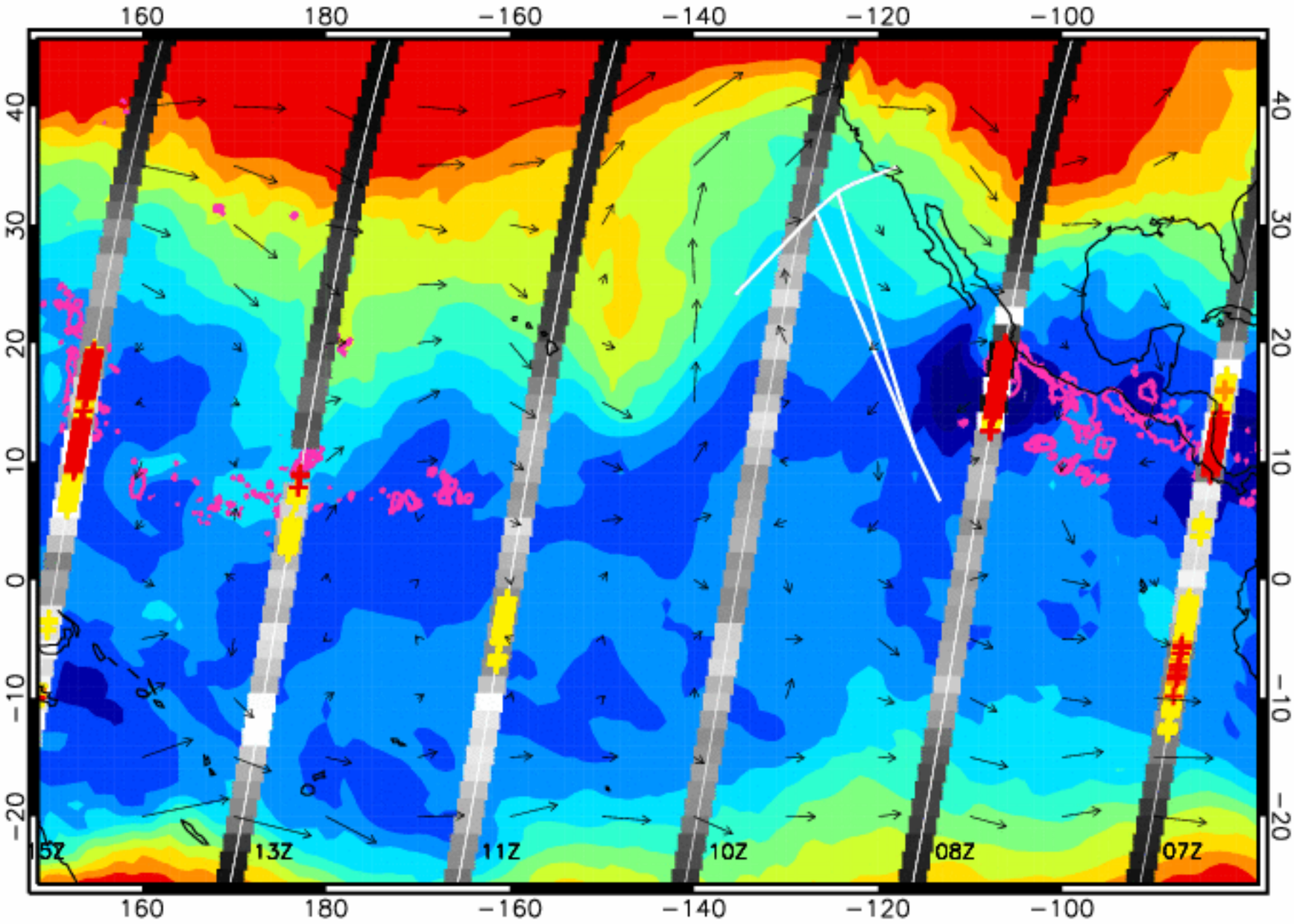
+: dense

+: denser

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.11.12Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

CALIPSO Clouds above 15km

+: thin

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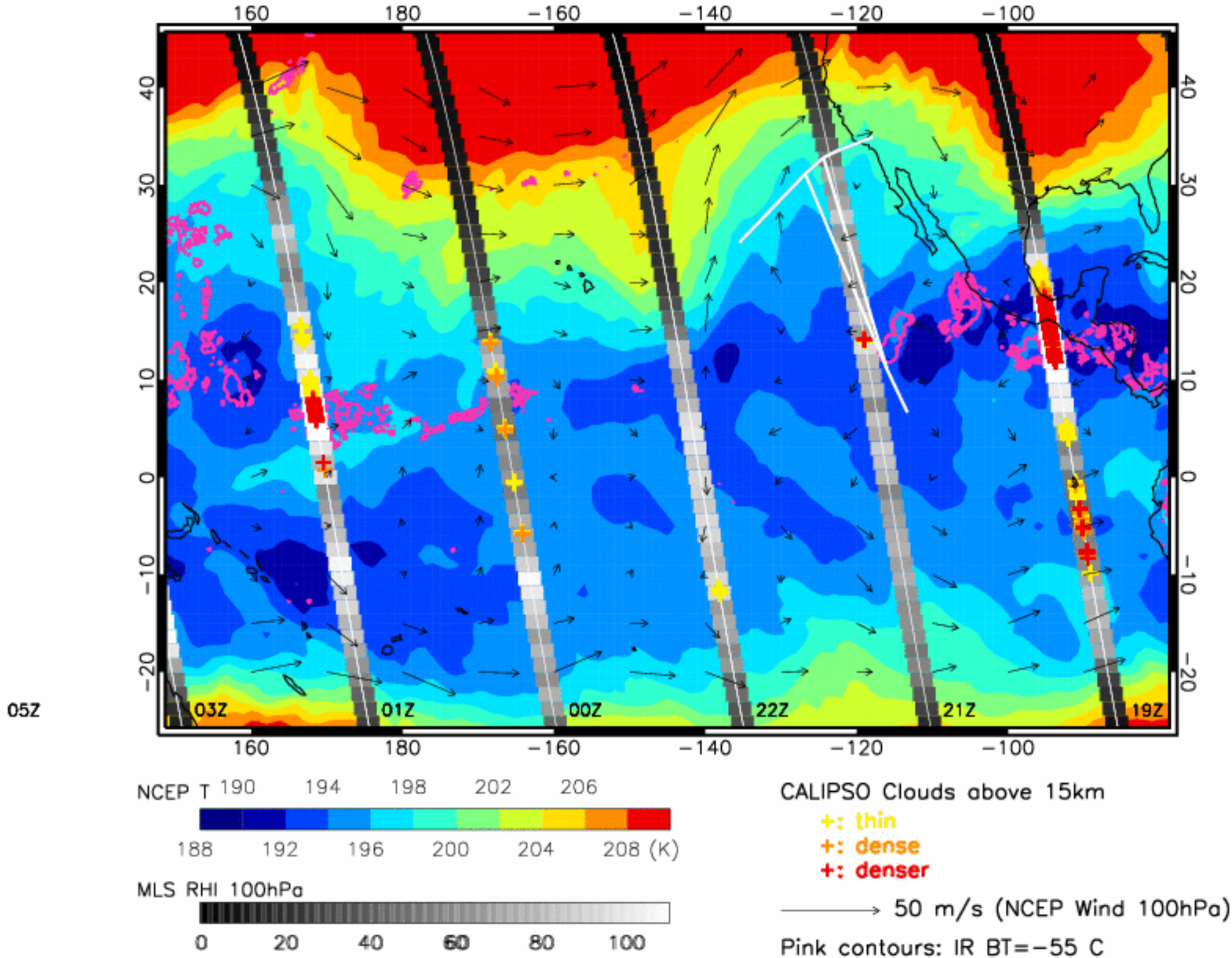
+: denser

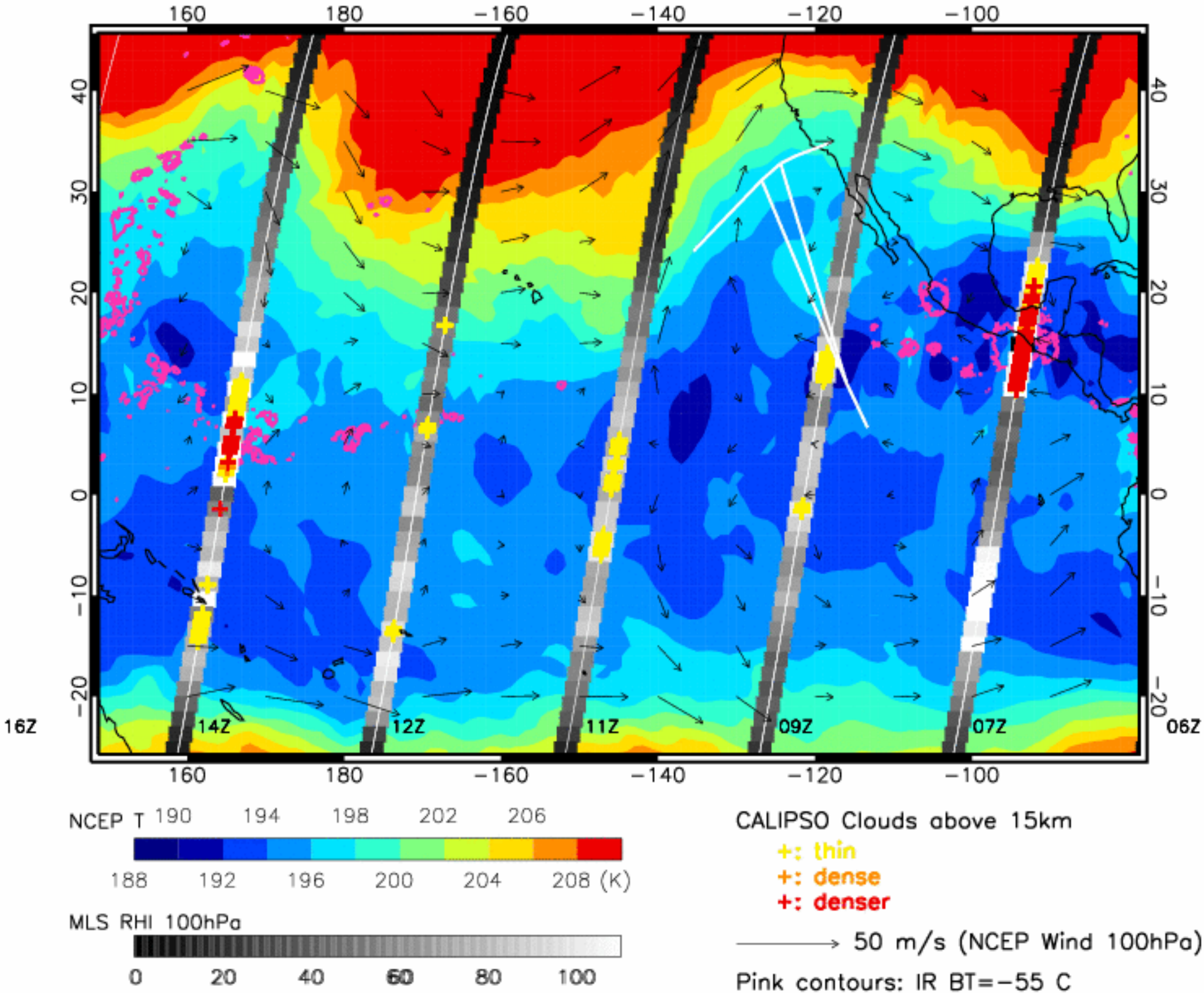
→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

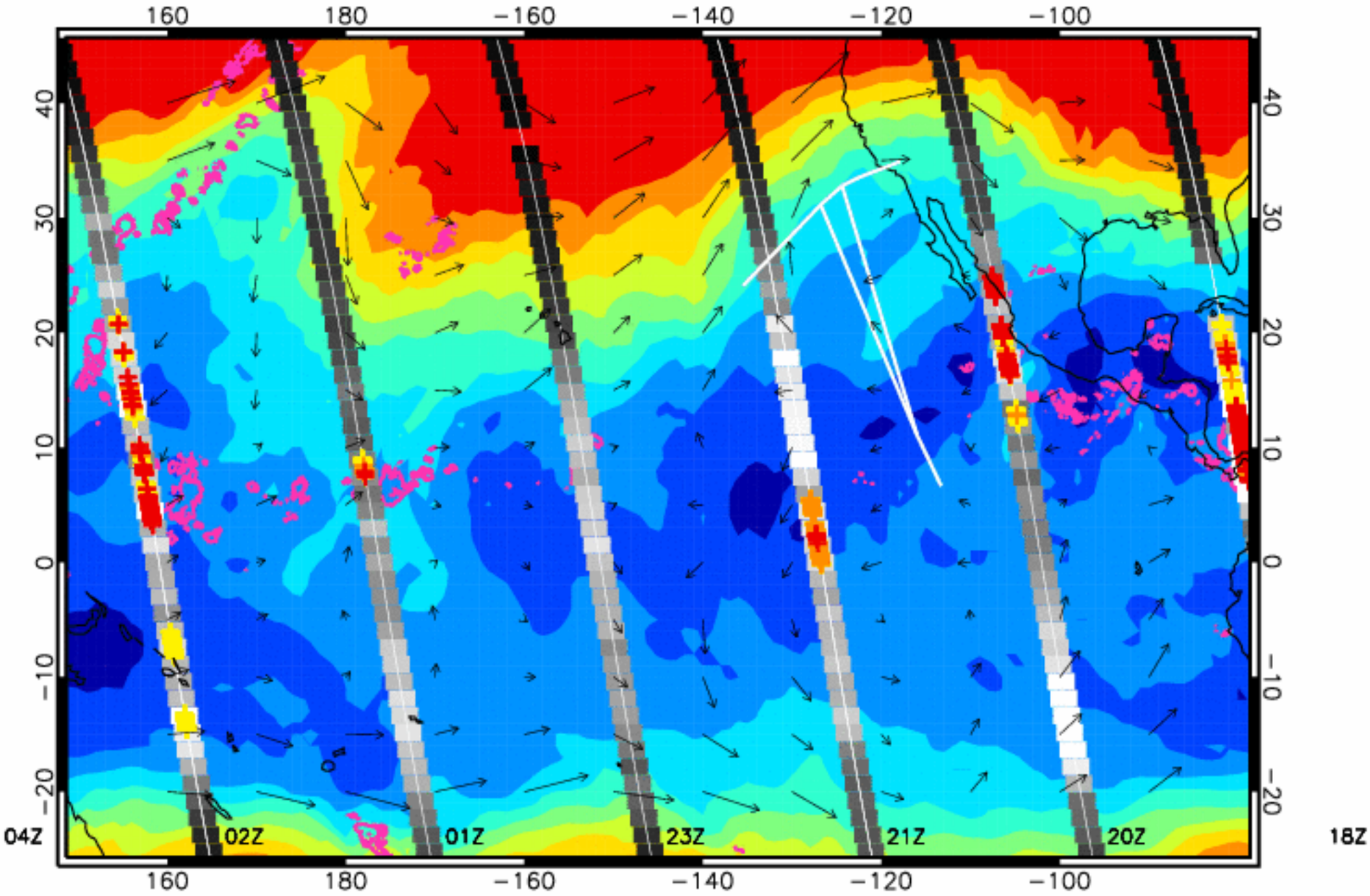
Temperature & Wind & RHI & Convection & High Cloud (2011.10.12.00Z)



Temperature & Wind & RHI & Convection & High Cloud (2011.10.12.12Z)



Temperature & Wind & RHI & Convection & High Cloud (2011.10.13.00Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

CALIPSO Clouds above 15km

+: thin

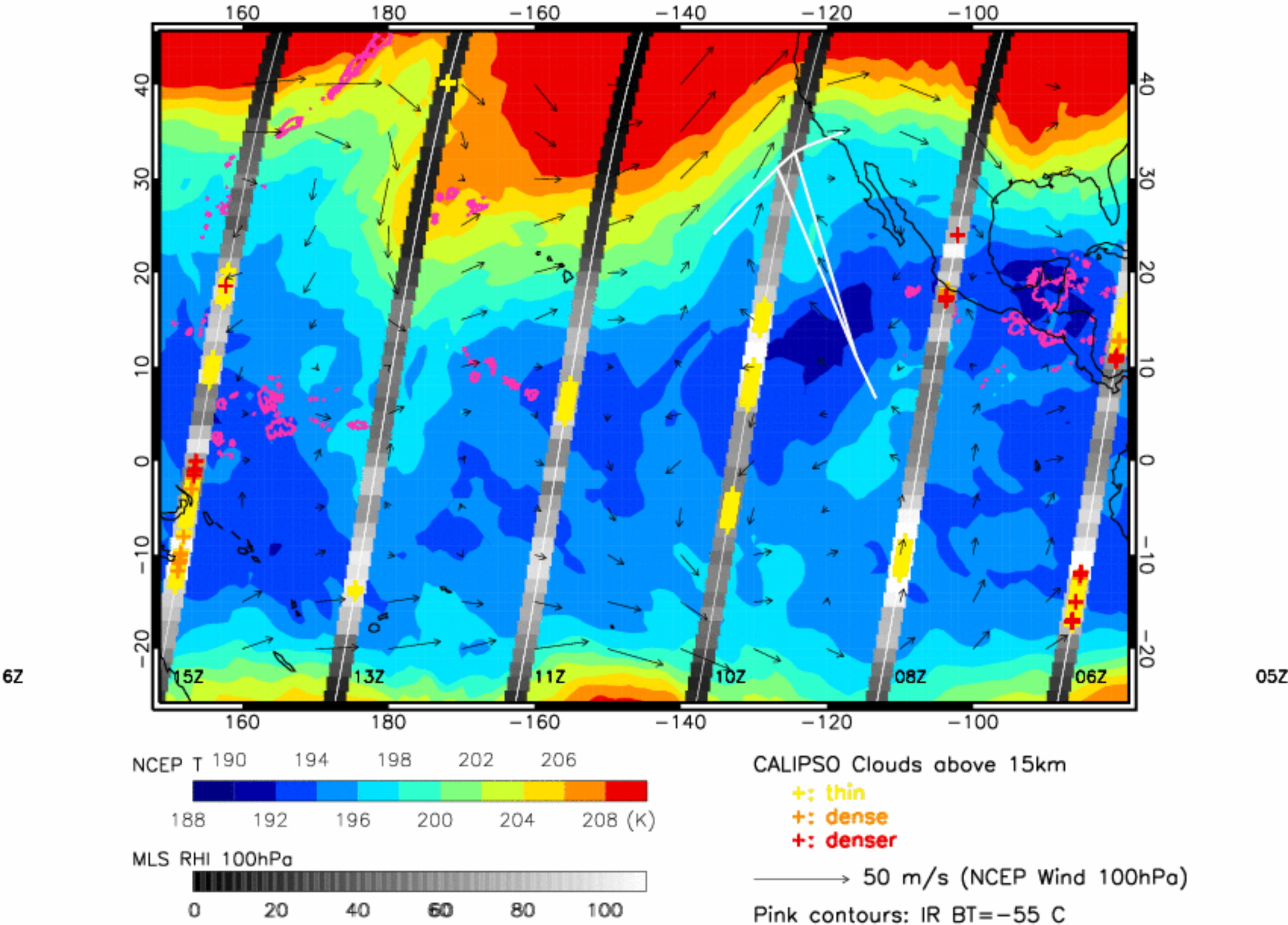
+: dense

+: denser

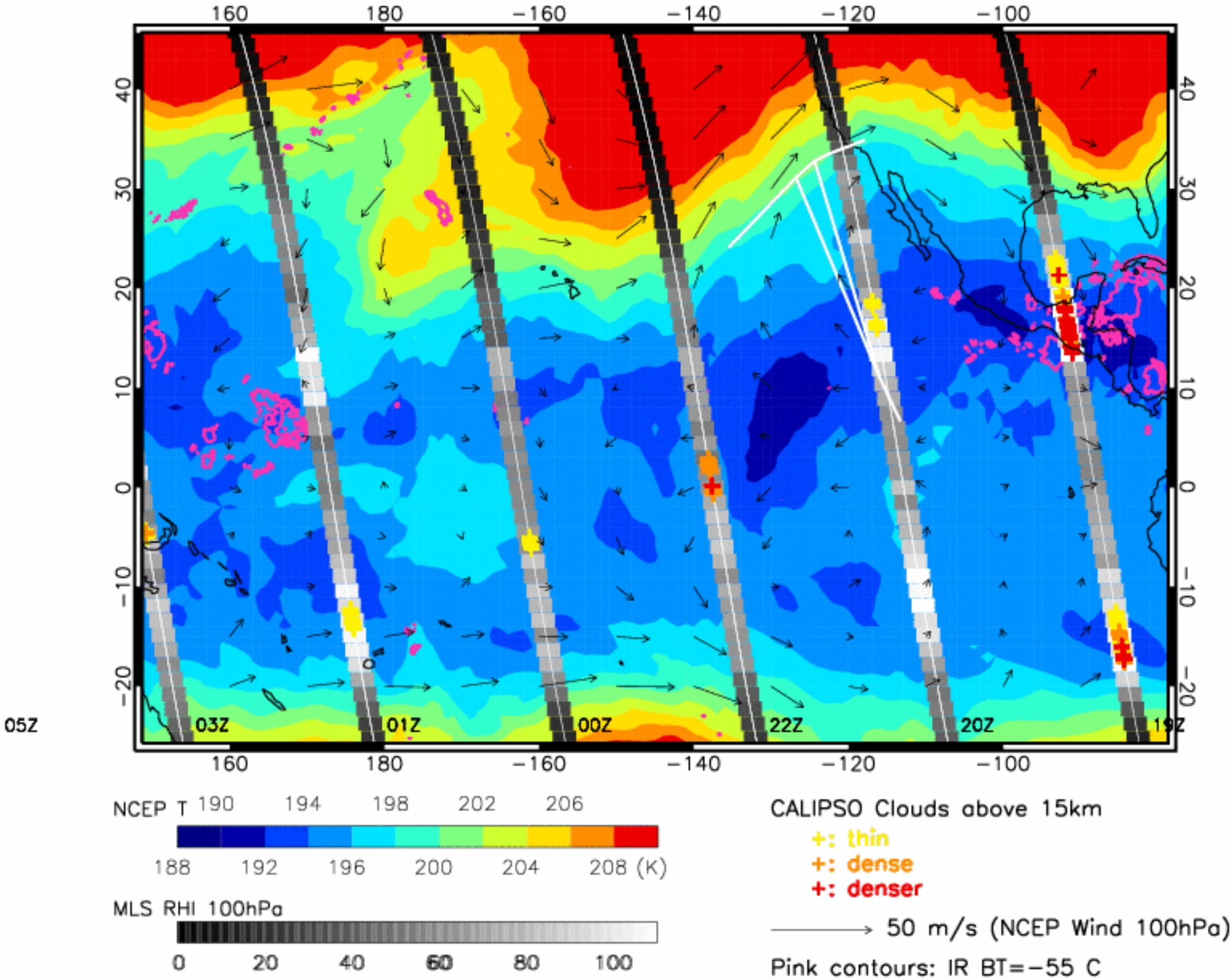
→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

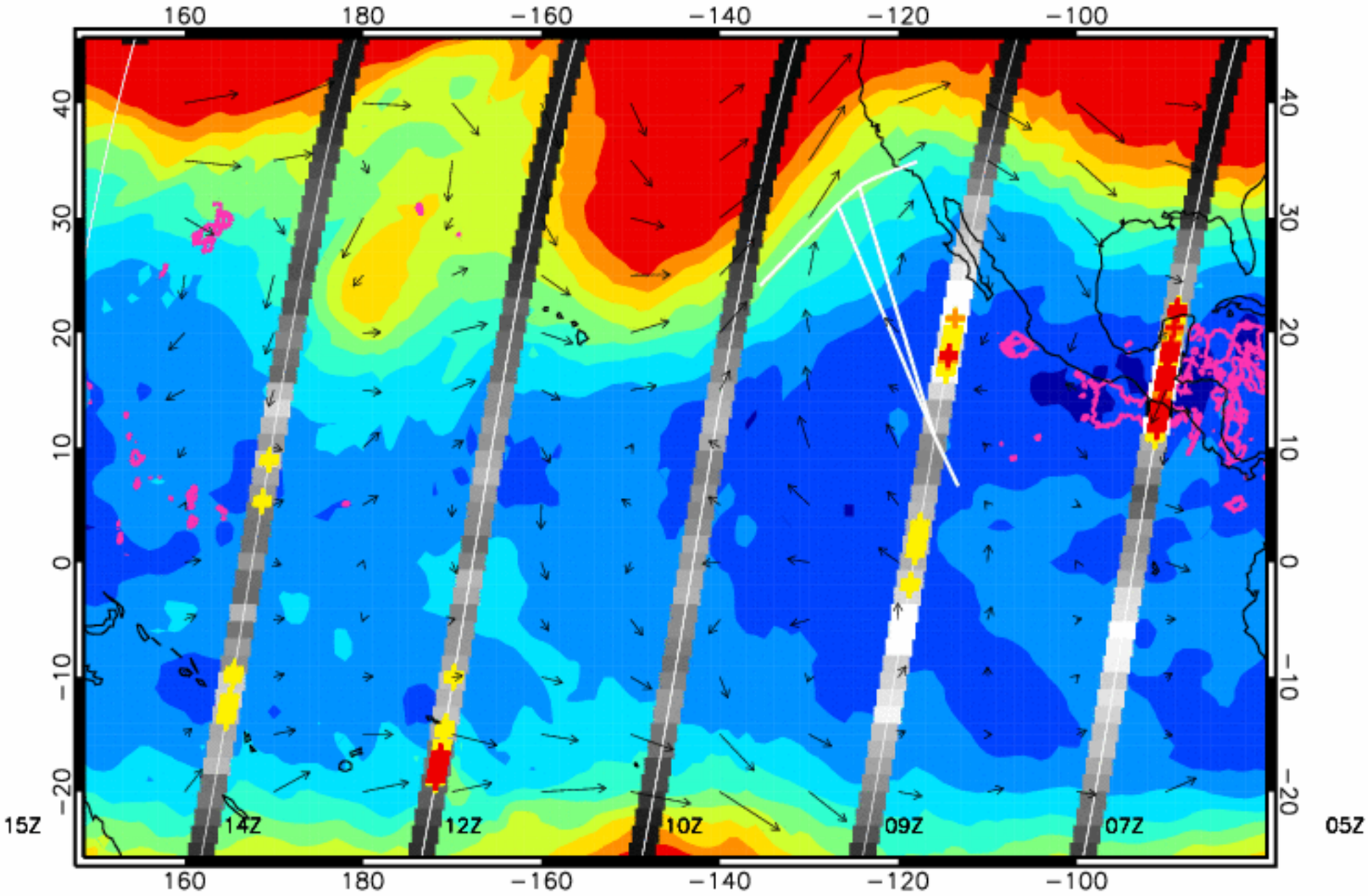
Temperature & Wind & RHI & Convection & High Cloud (2011.10.13.12Z)



Temperature & Wind & RHI & Convection & High Cloud (2011.10.14.00Z)



Temperature & Wind & RHI & Convection & High Cloud (2011.10.14.12Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

CALIPSO Clouds above 15km

+: thin

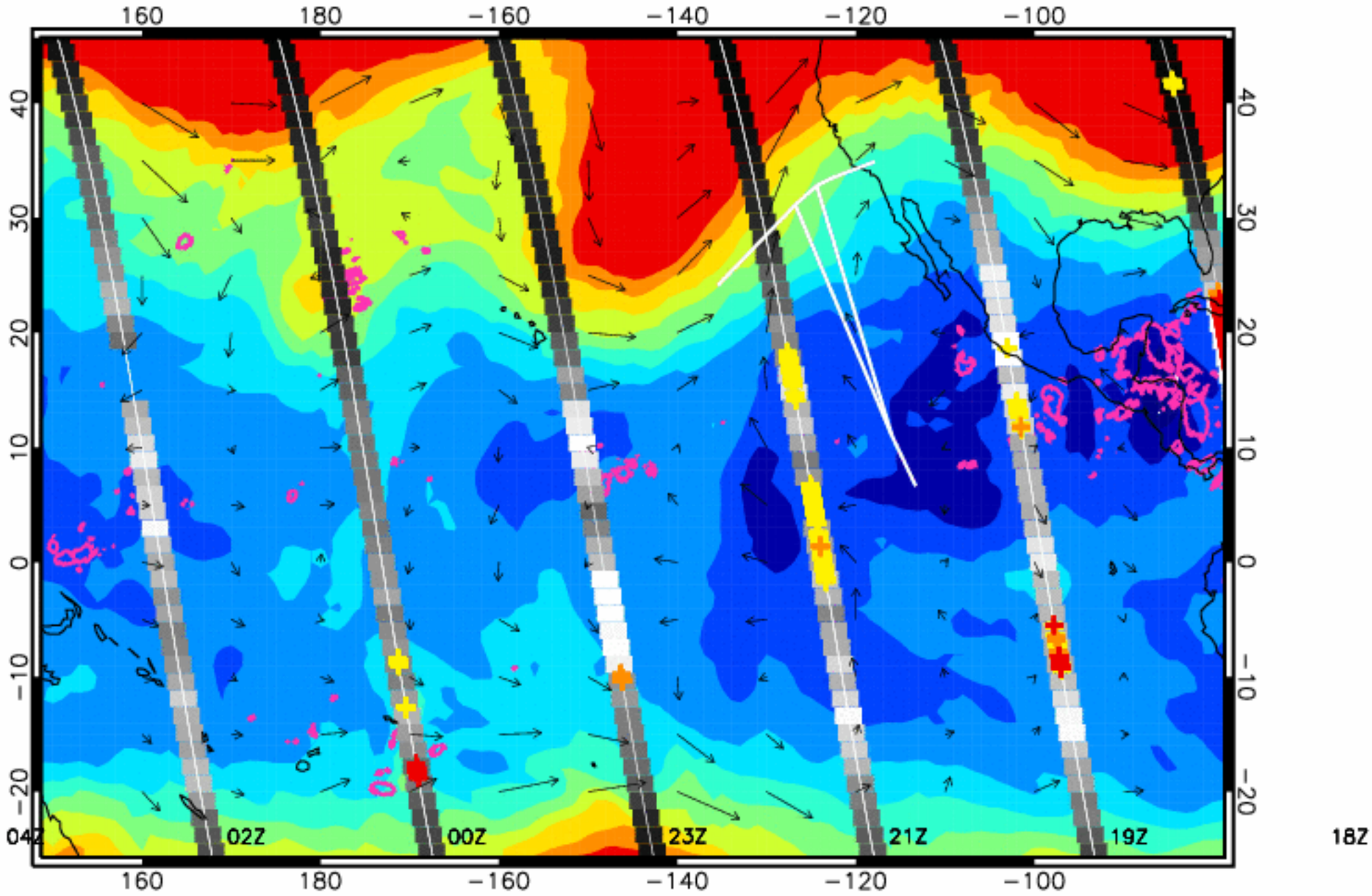
+: dense

+: denser

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.15.00Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

CALIPSO Clouds above 15km

+: thin

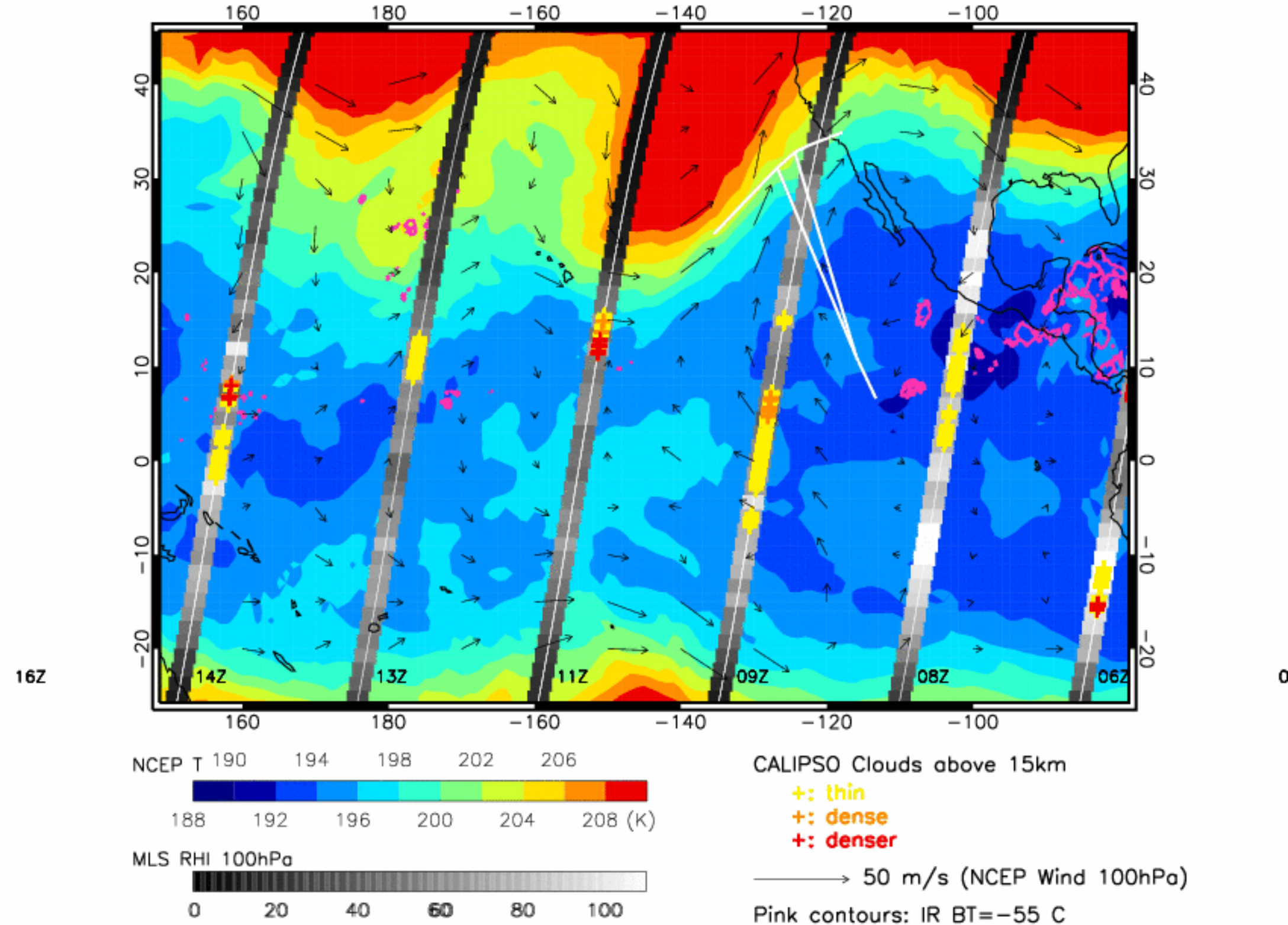
+: dense

+: denser

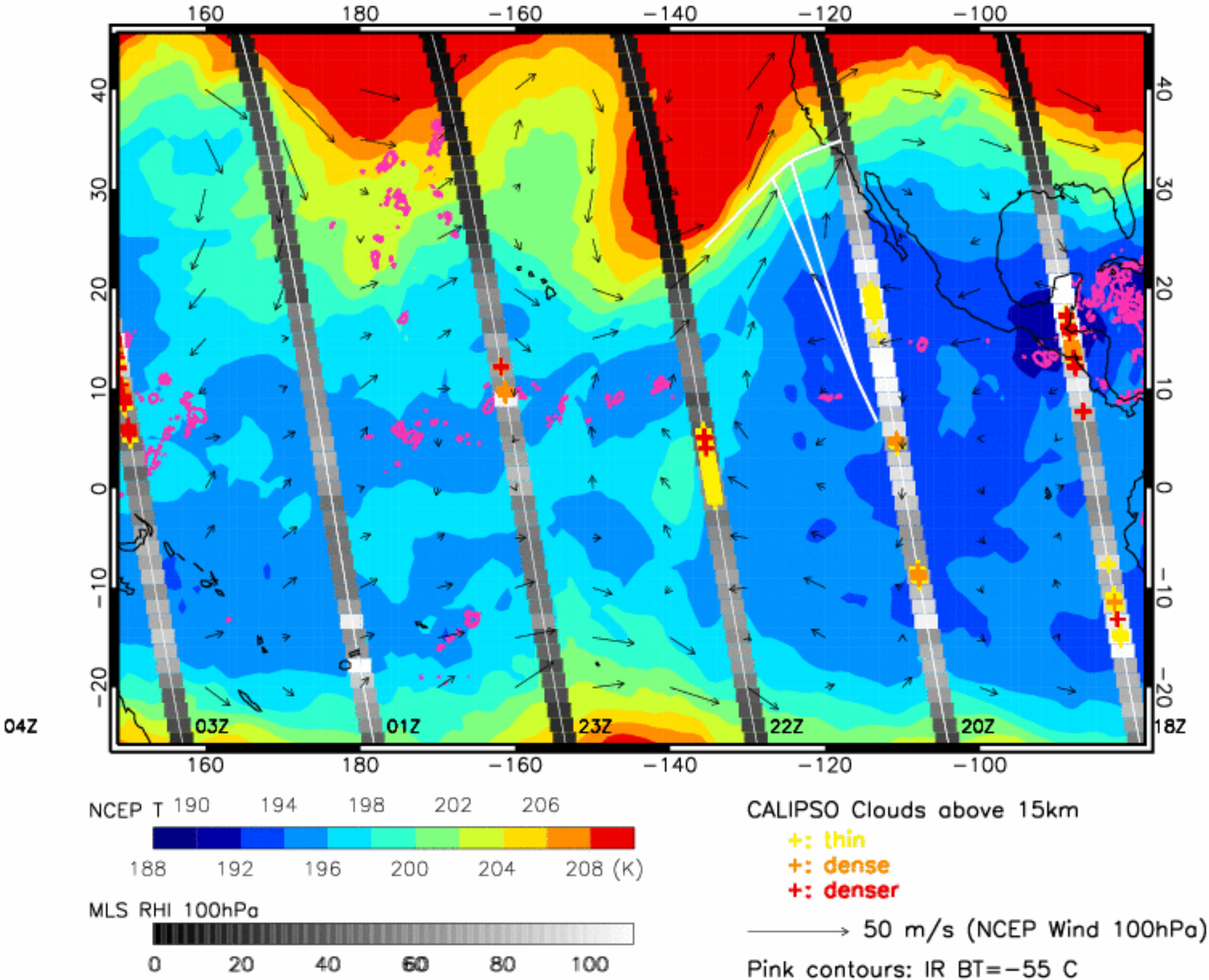
→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

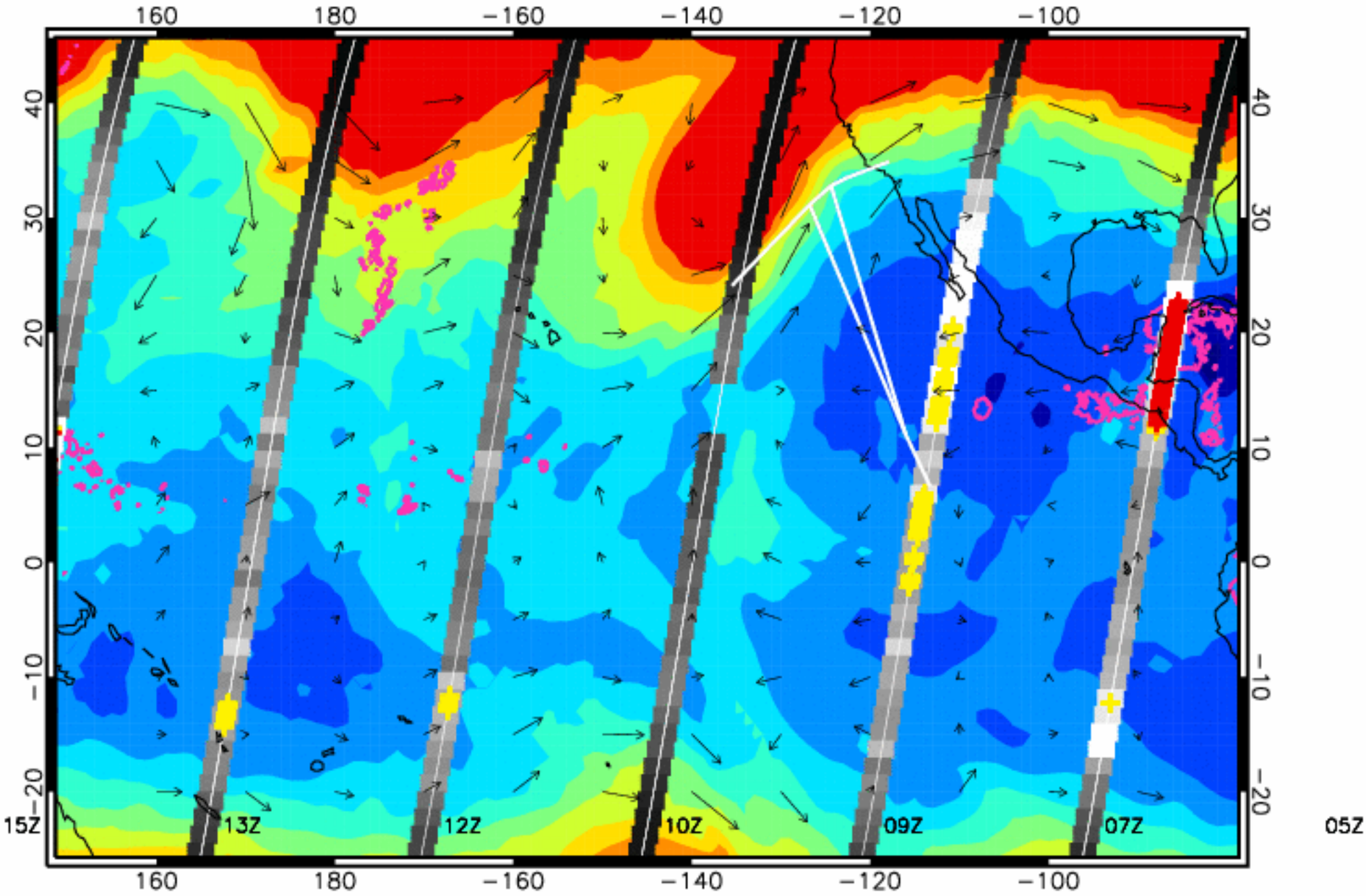
Temperature & Wind & RHI & Convection & High Cloud (2011.10.15.12Z)



Temperature & Wind & RHI & Convection & High Cloud (2011.10.16.00Z)



Temperature & Wind & RHI & Convection & High Cloud (2011.10.16.12Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

CALIPSO Clouds above 15km

+: thin

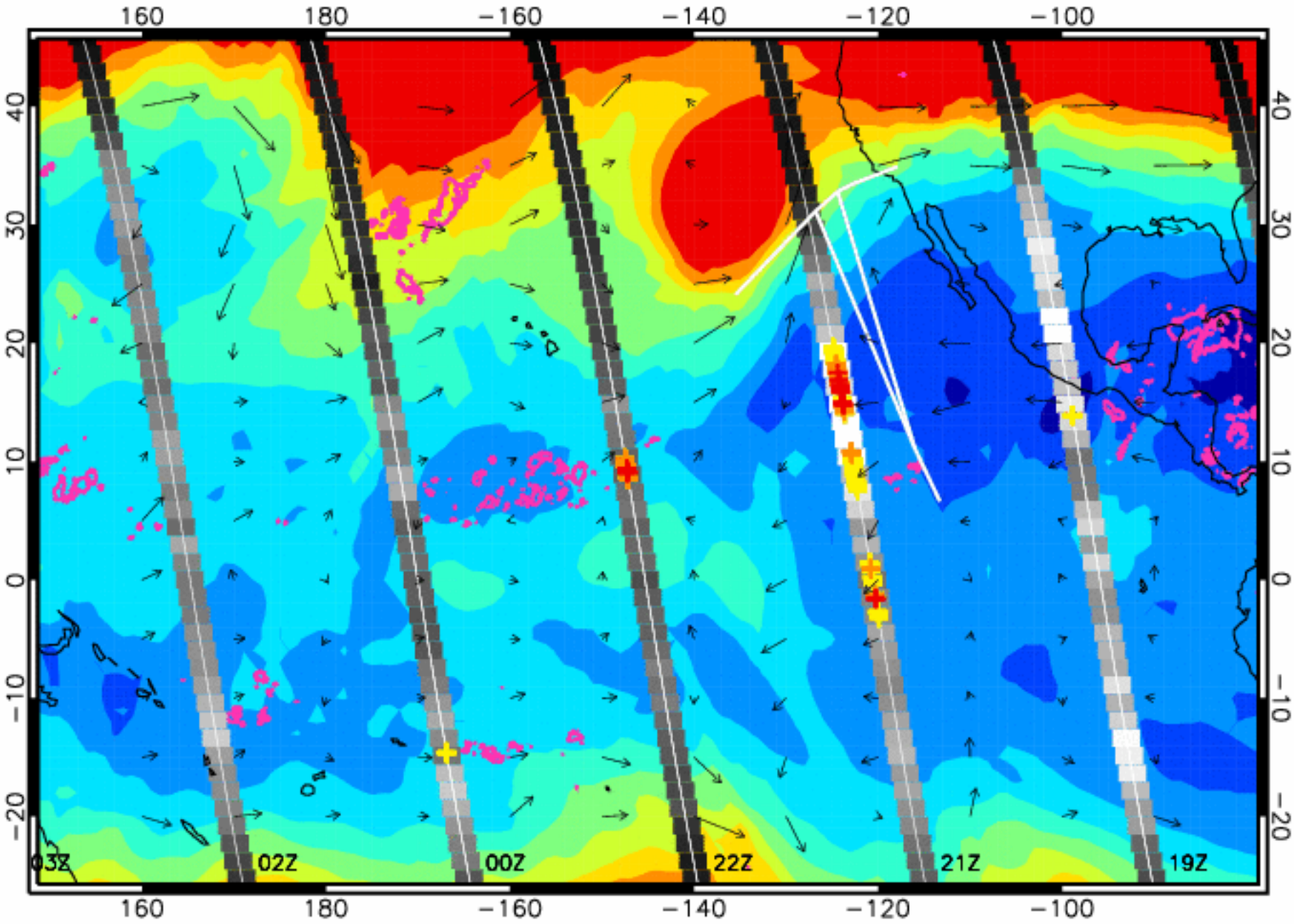
+: dense

+: denser

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.17.00Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

CALIPSO Clouds above 15km

+: thin

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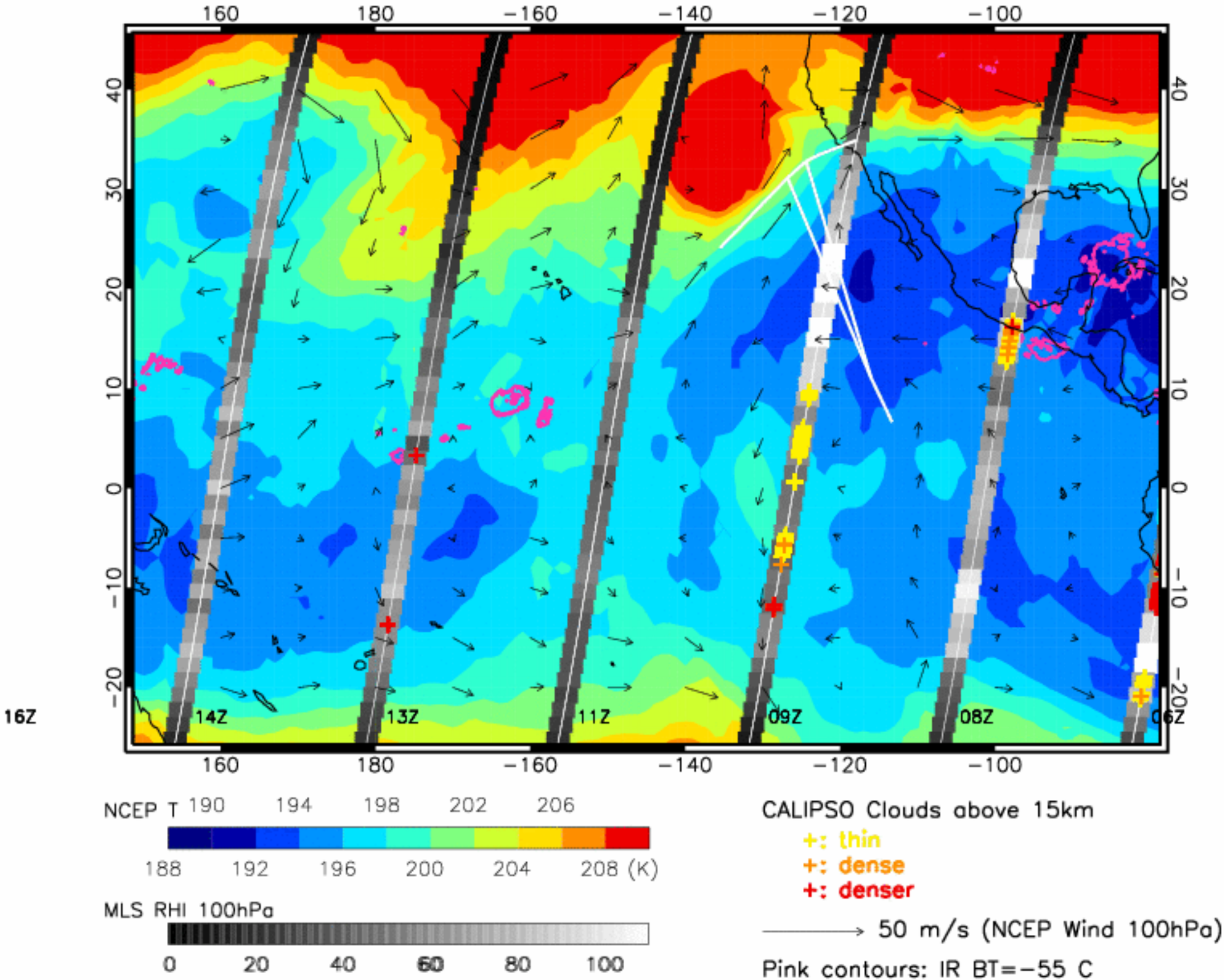
+: denser

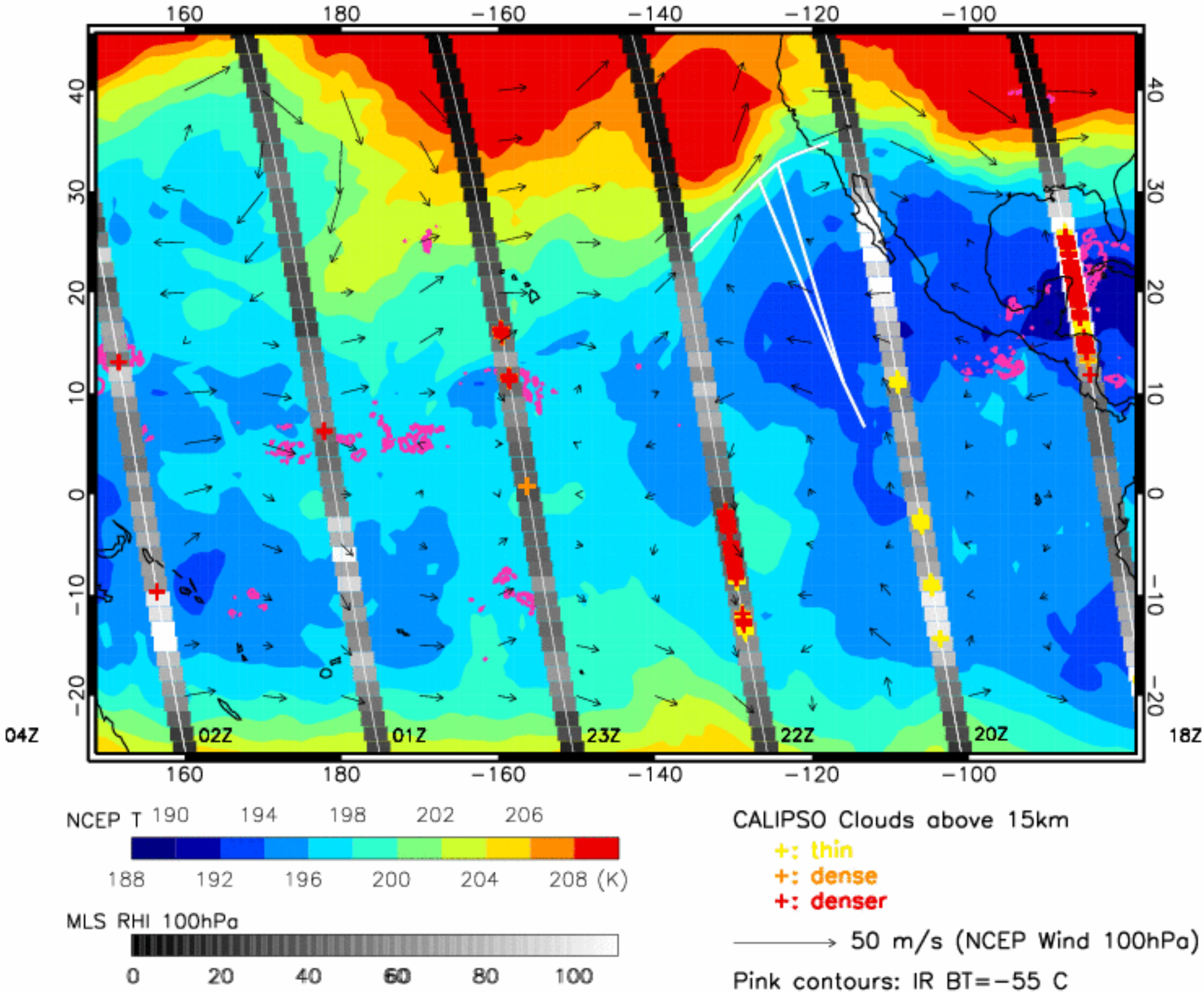
→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

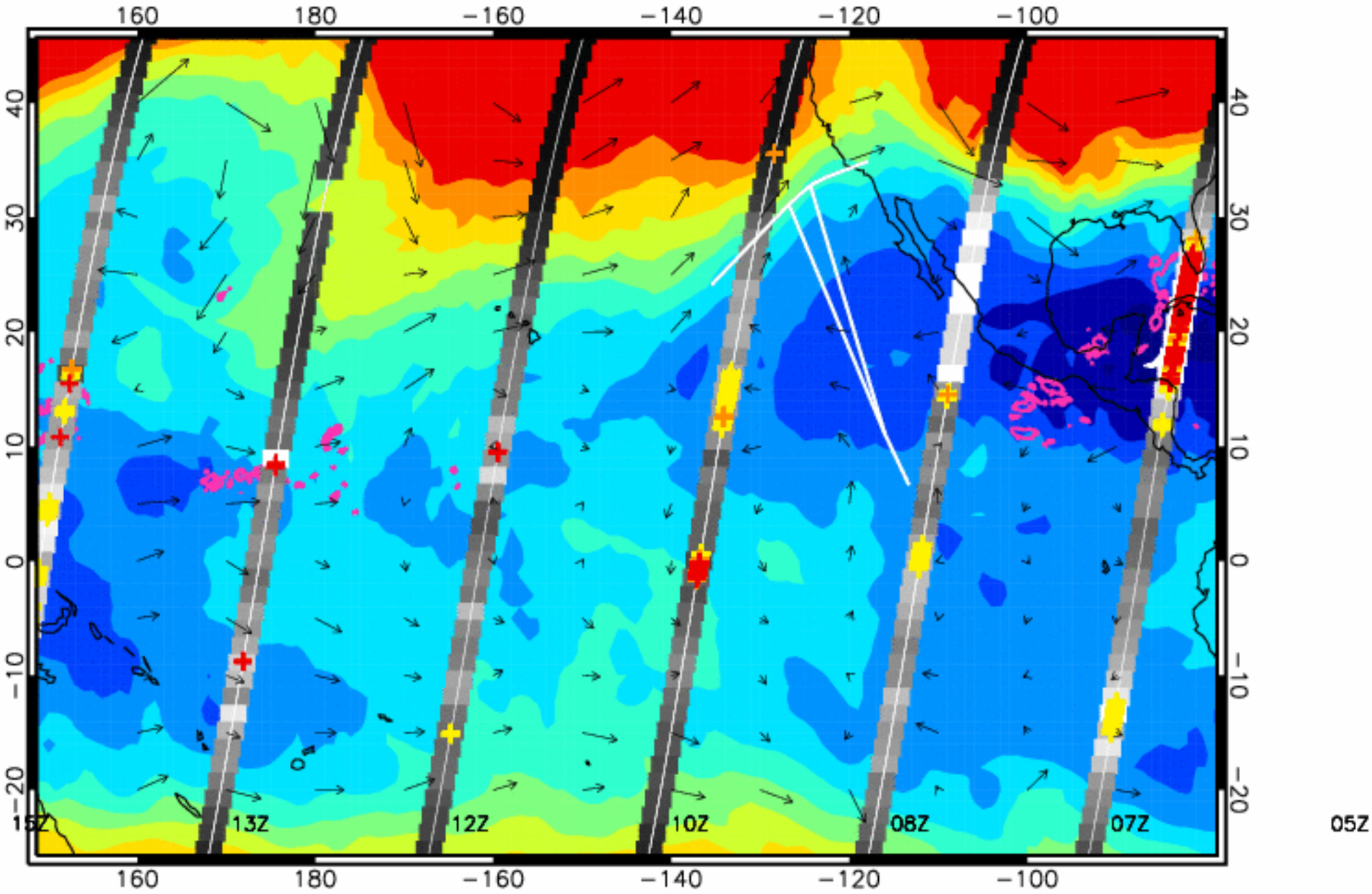
Temperature & Wind & RHI & Convection & High Cloud (2011.10.17.12Z)



Temperature & Wind & RHI & Convection & High Cloud (2011.10.18.00Z)



Temperature & Wind & RHI & Convection & High Cloud (2011.10.18.12Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

CALIPSO Clouds above 15km

+: thin

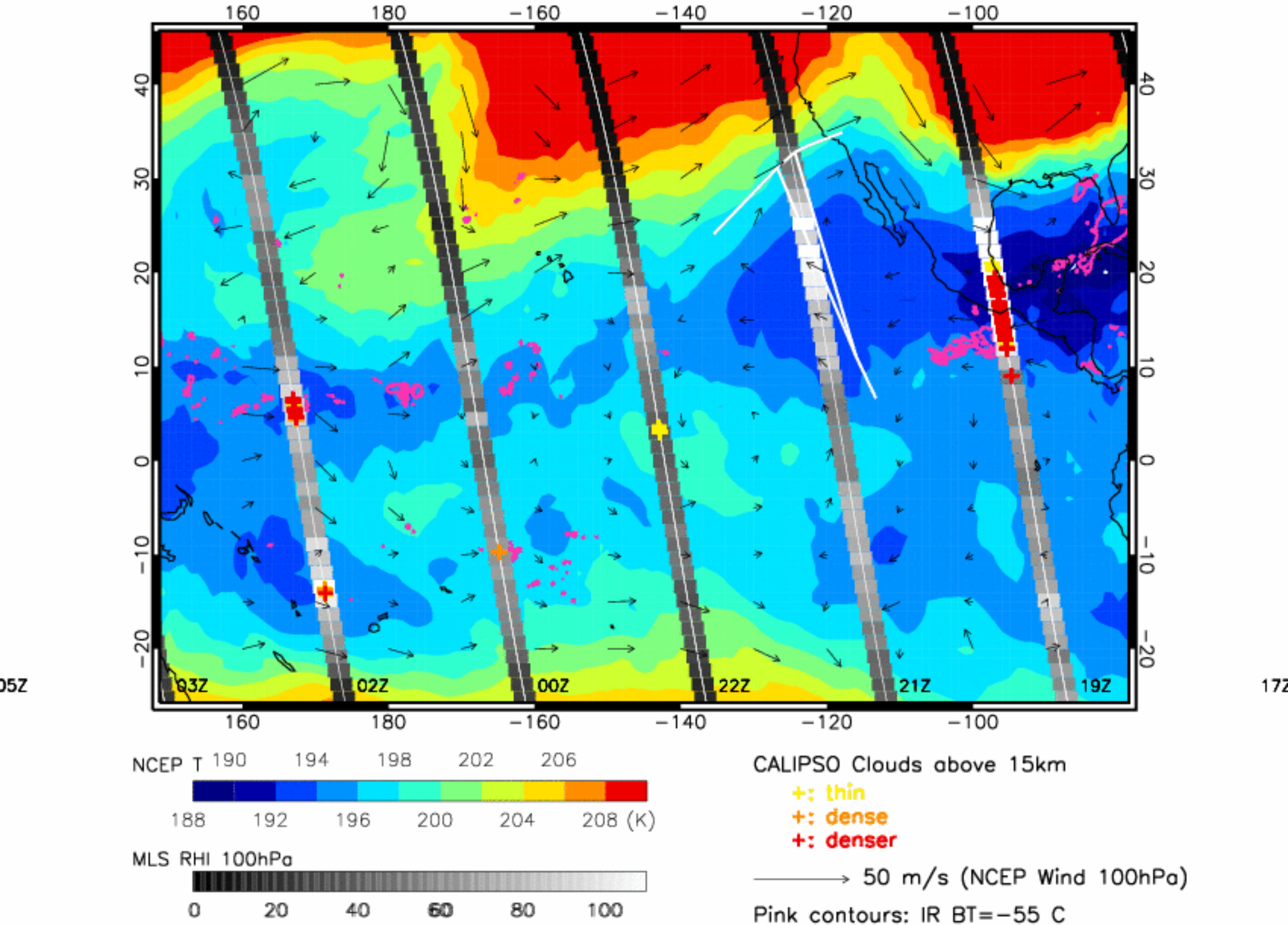
+: dense

+: denser

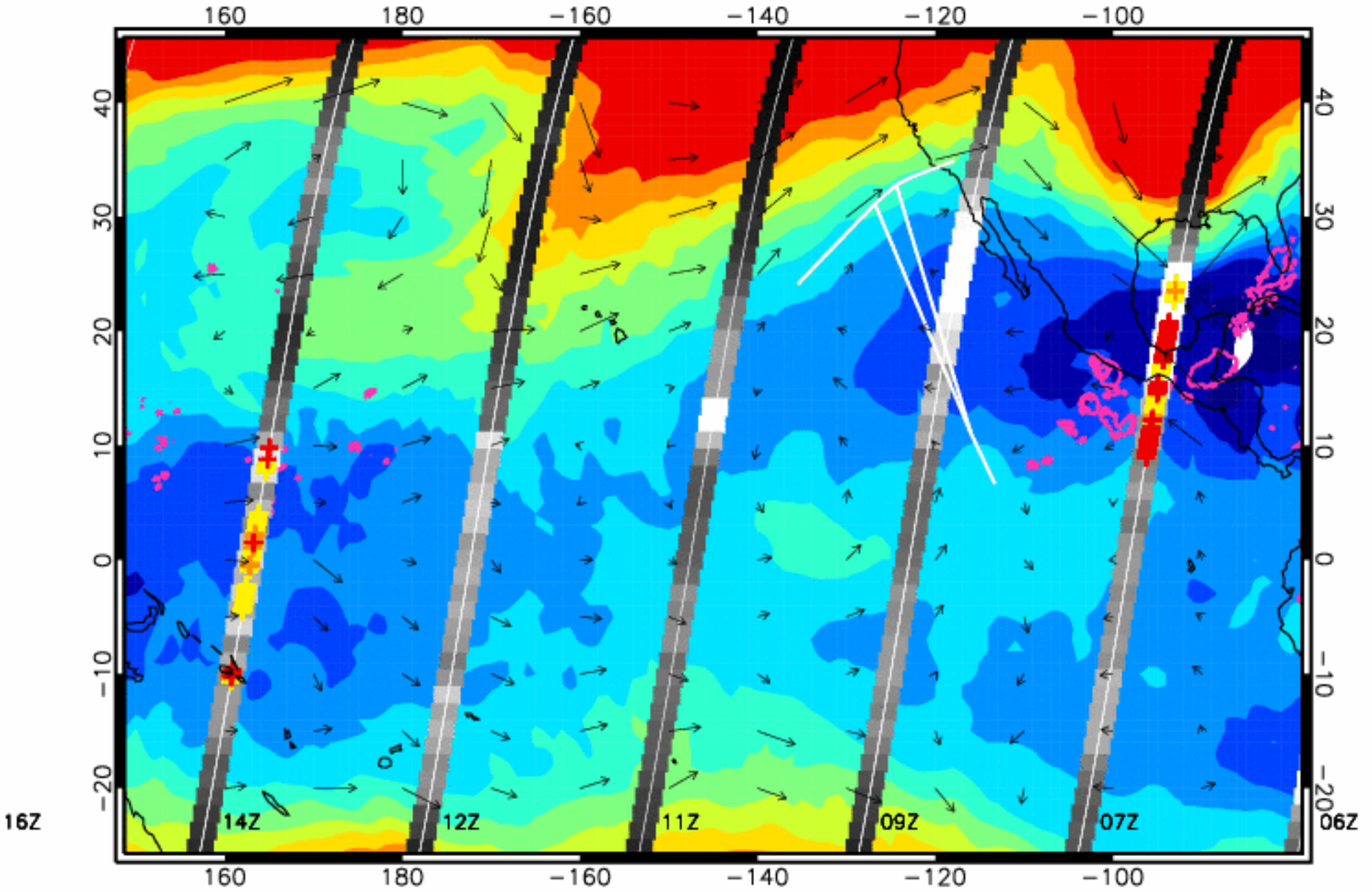
→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.19.00Z)



Temperature & Wind & RHI & Convection & High Cloud (2011.10.19.12Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

CALIPSO Clouds above 15km

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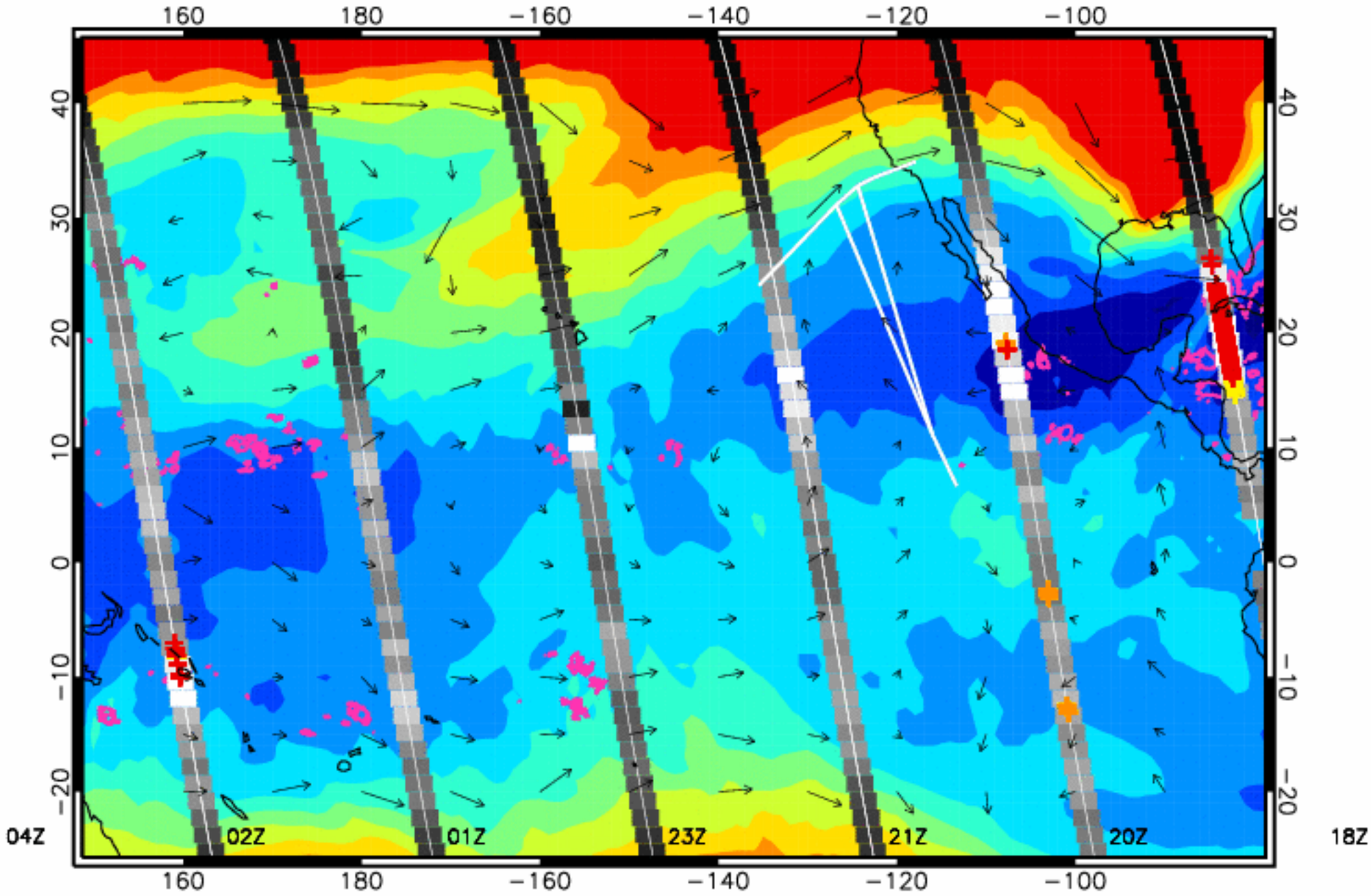
→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.20.00Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

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Pink contours: IR BT=−55 C