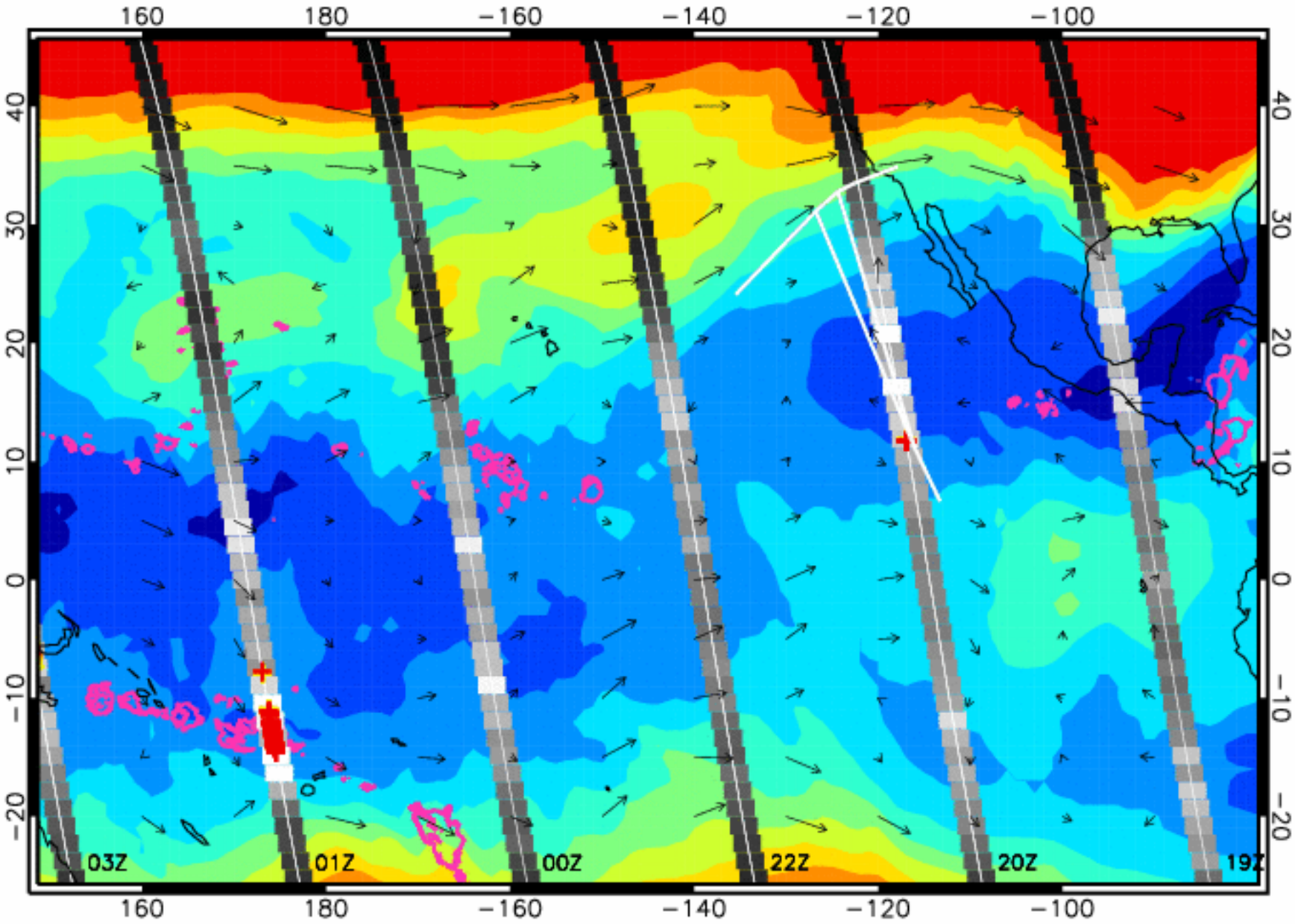
Temperature & Wind & RHI & Convection & High Cloud (2011.10.21.00Z)



05Z

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

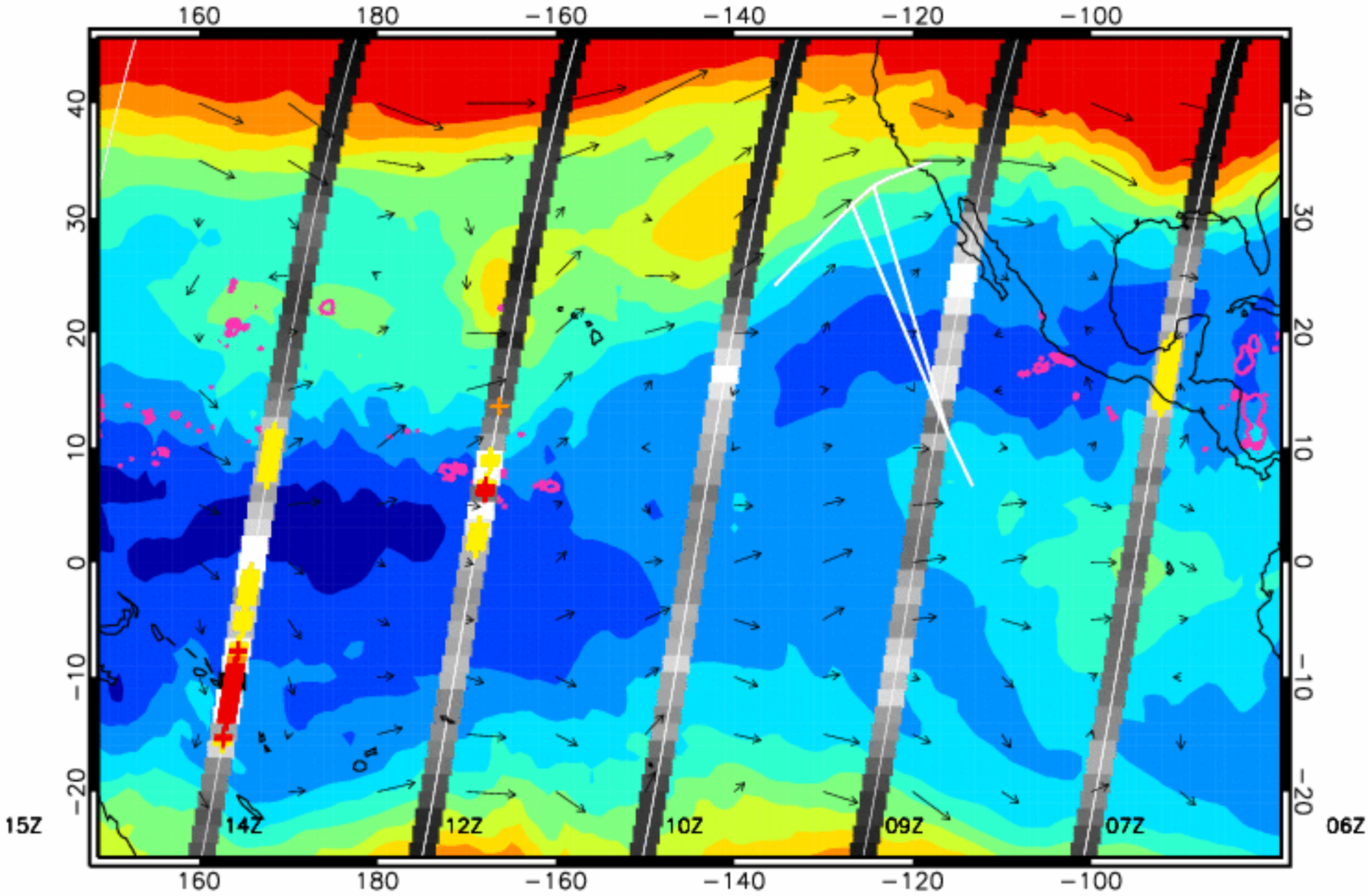
+: dense

+: denser

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.21.12Z)



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

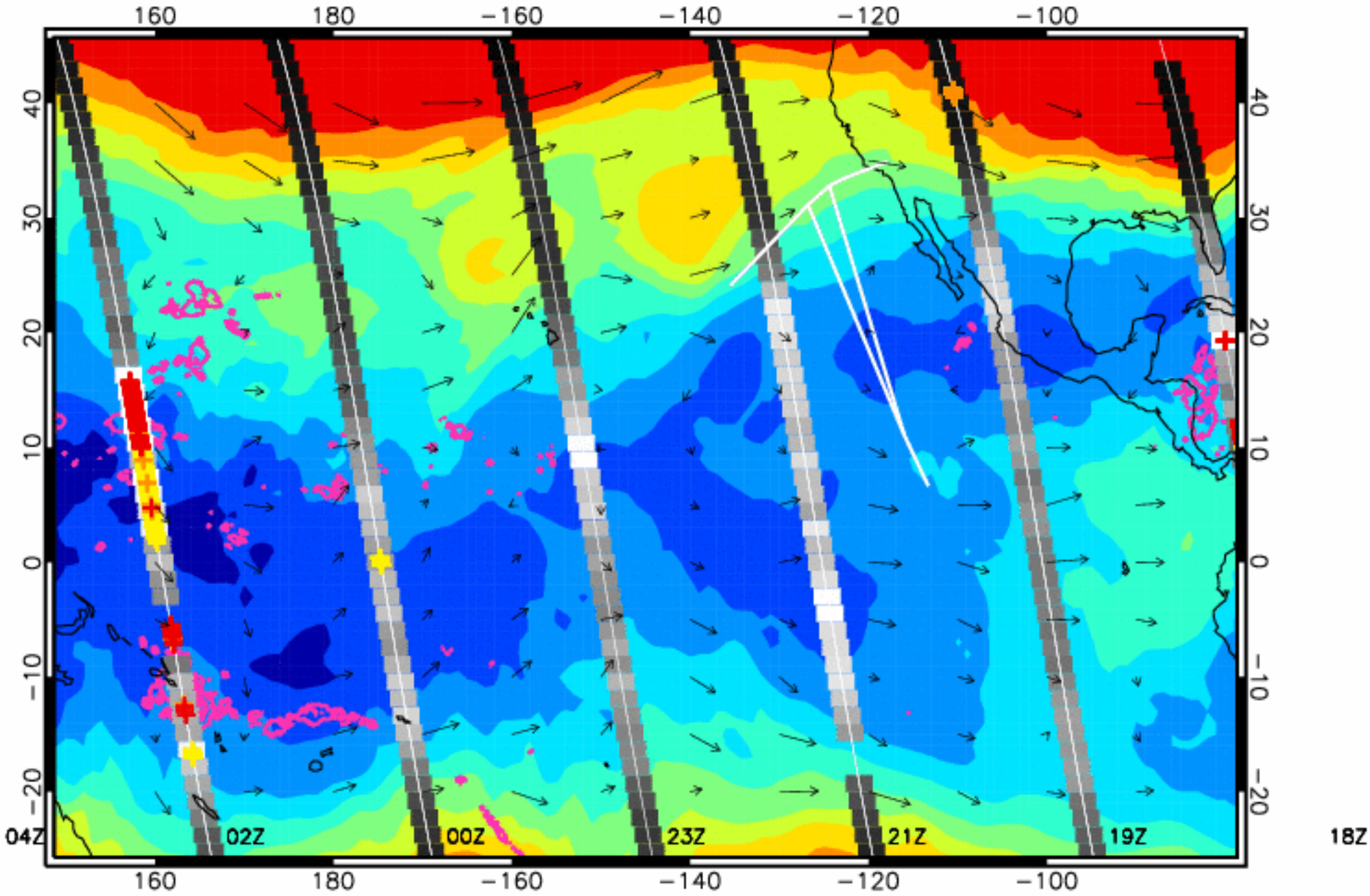
+: dense

+: denser

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.22.00Z)



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

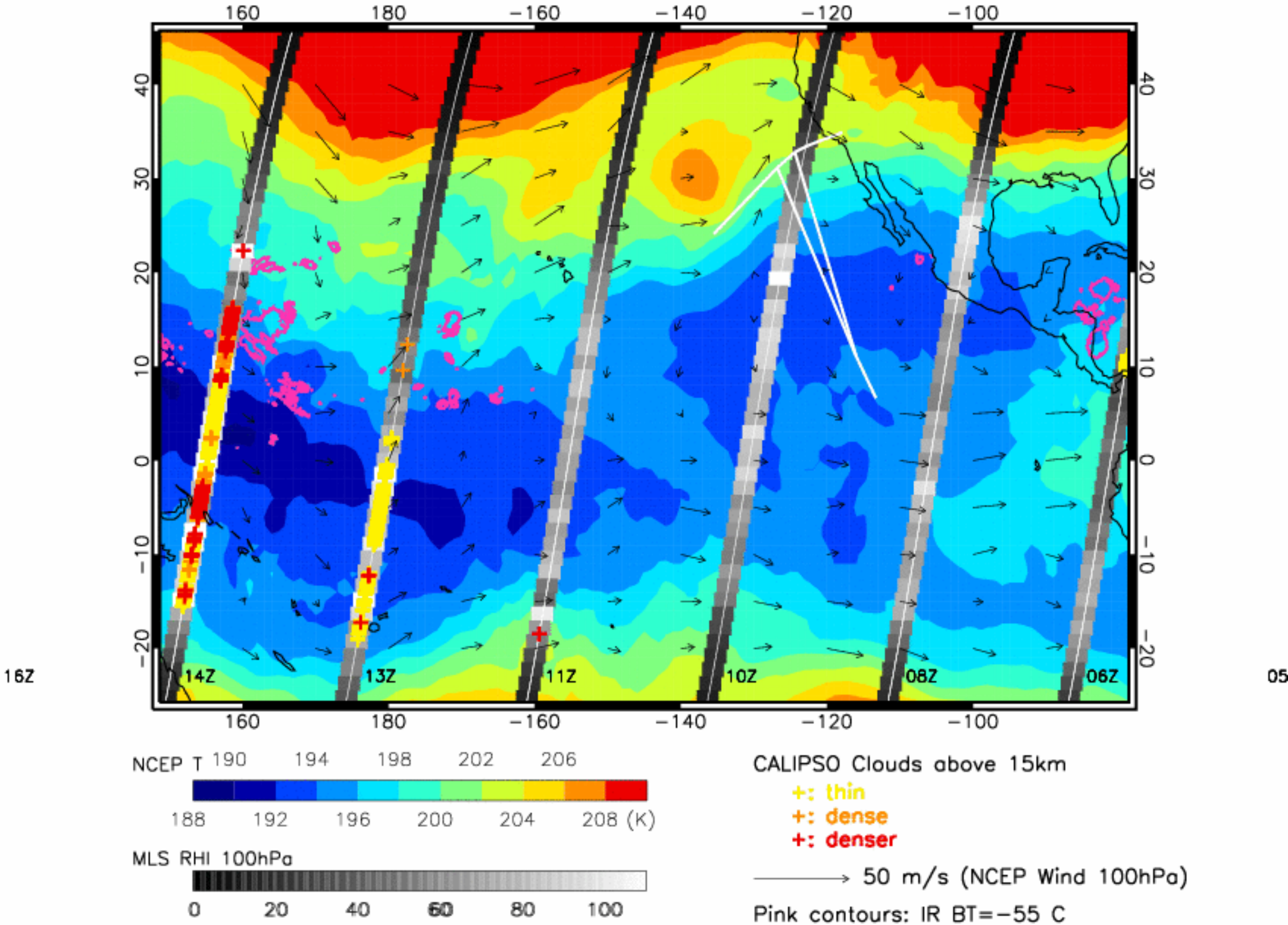
+: dense

+: denser

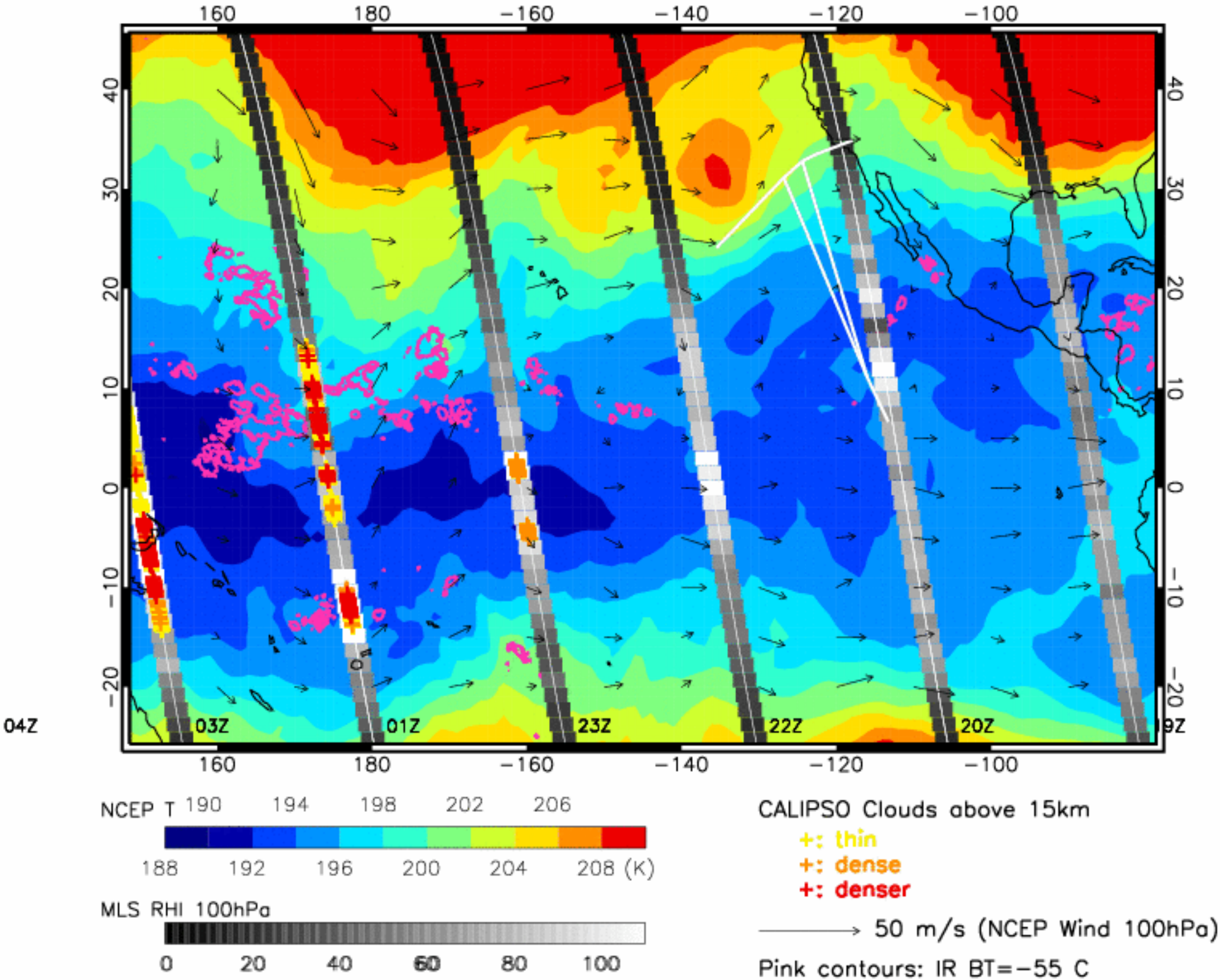
→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

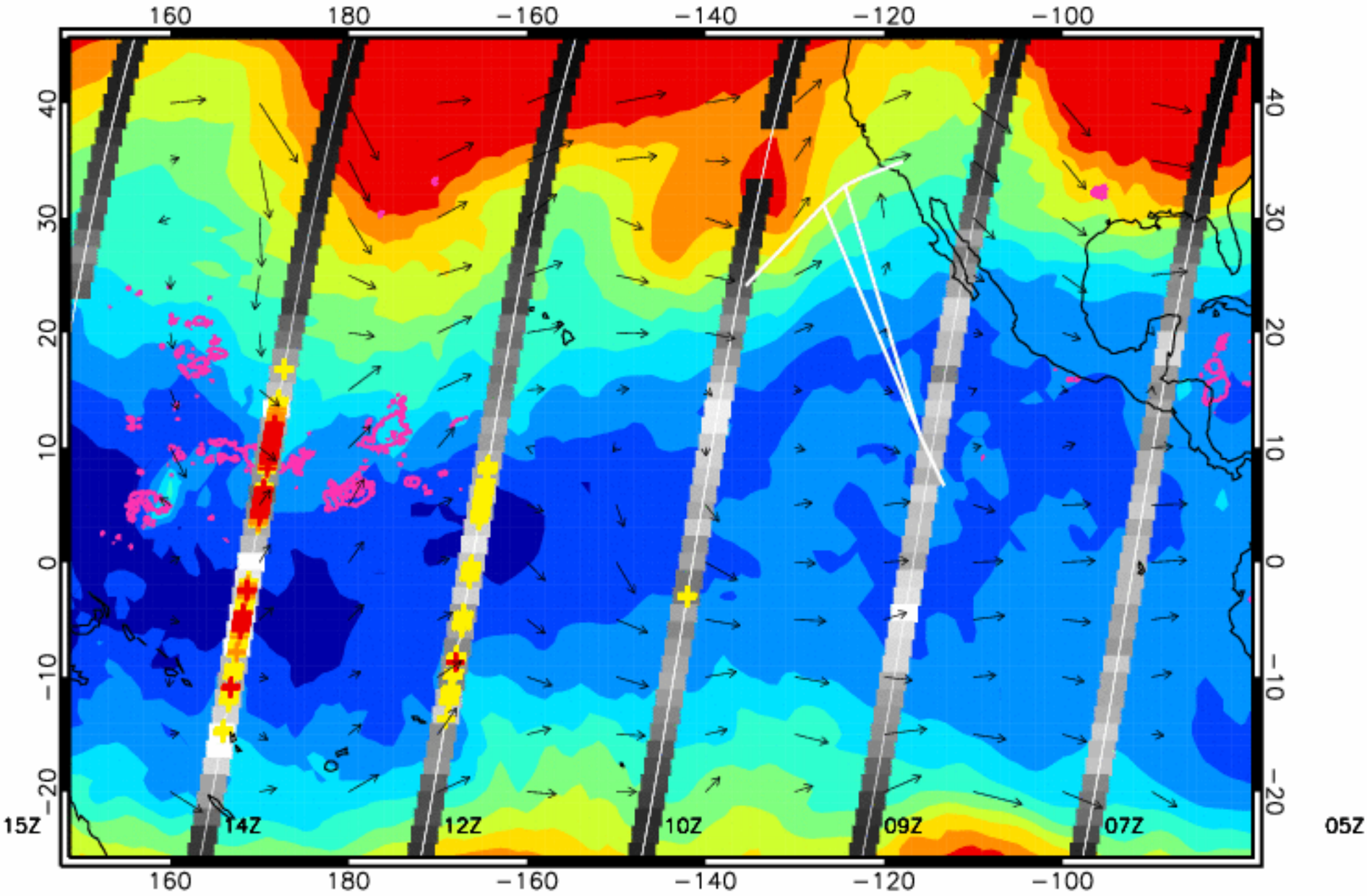
Temperature & Wind & RHI & Convection & High Cloud (2011.10.22.12Z)



Temperature & Wind & RHI & Convection & High Cloud (2011.10.23.00Z)



Temperature & Wind & RHI & Convection & High Cloud (2011.10.23.12Z)



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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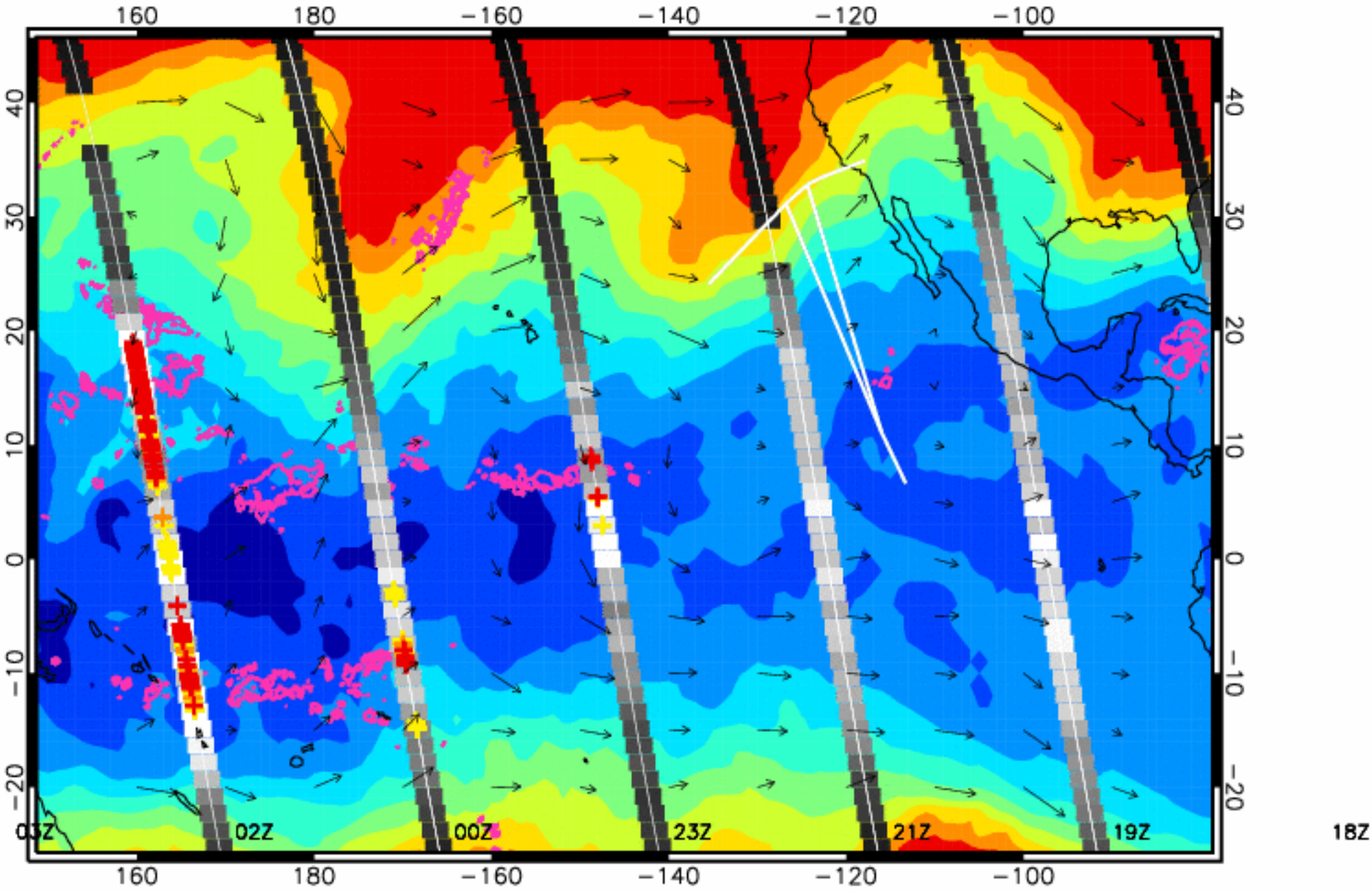
+: dense

+: denser

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.24.00Z)



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

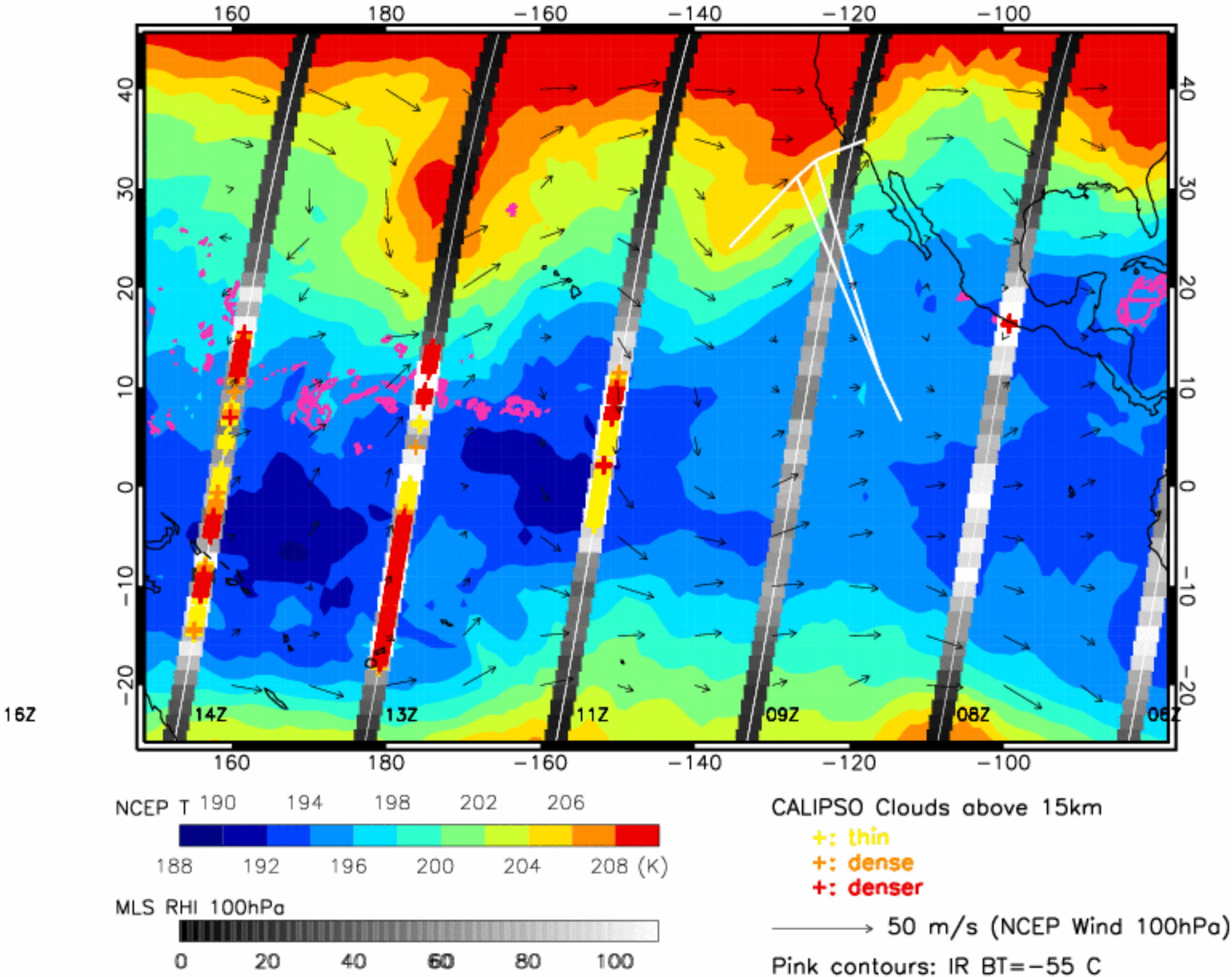
+: dense

+: denser

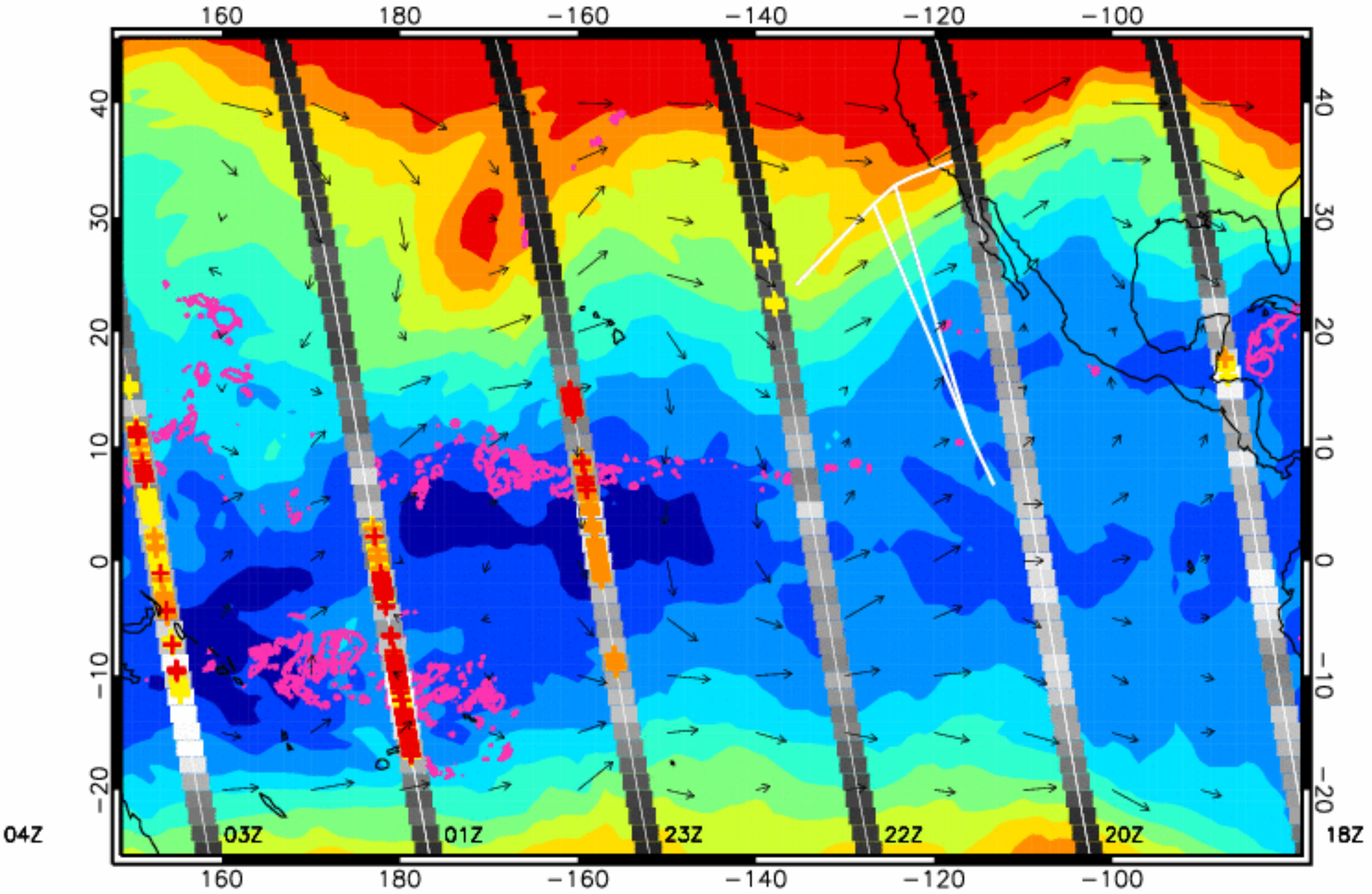
→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.24.12Z)



Temperature & Wind & RHI & Convection & High Cloud (2011.10.25.00Z)



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

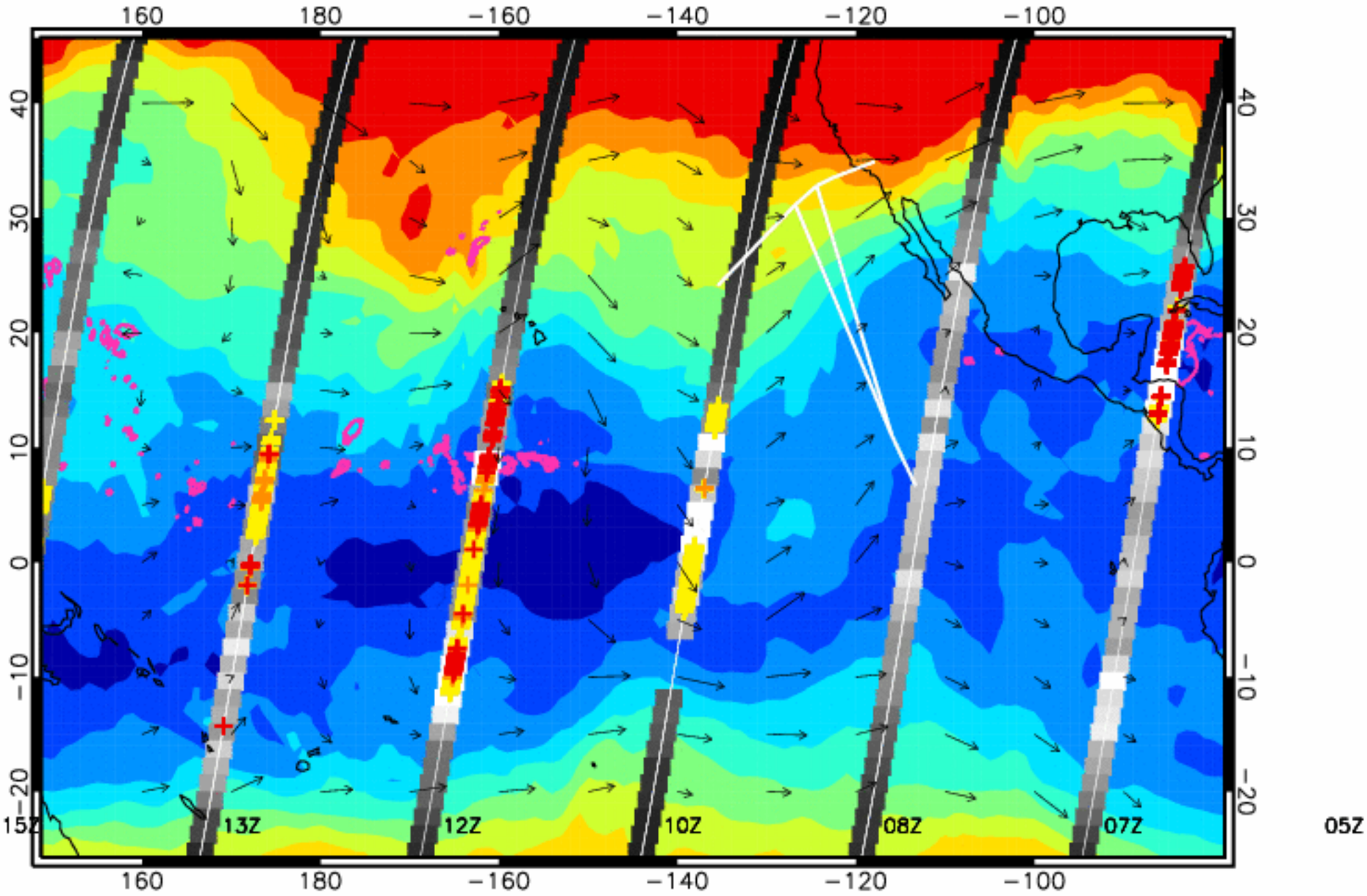
+: dense

+: denser

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.25.12Z)



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

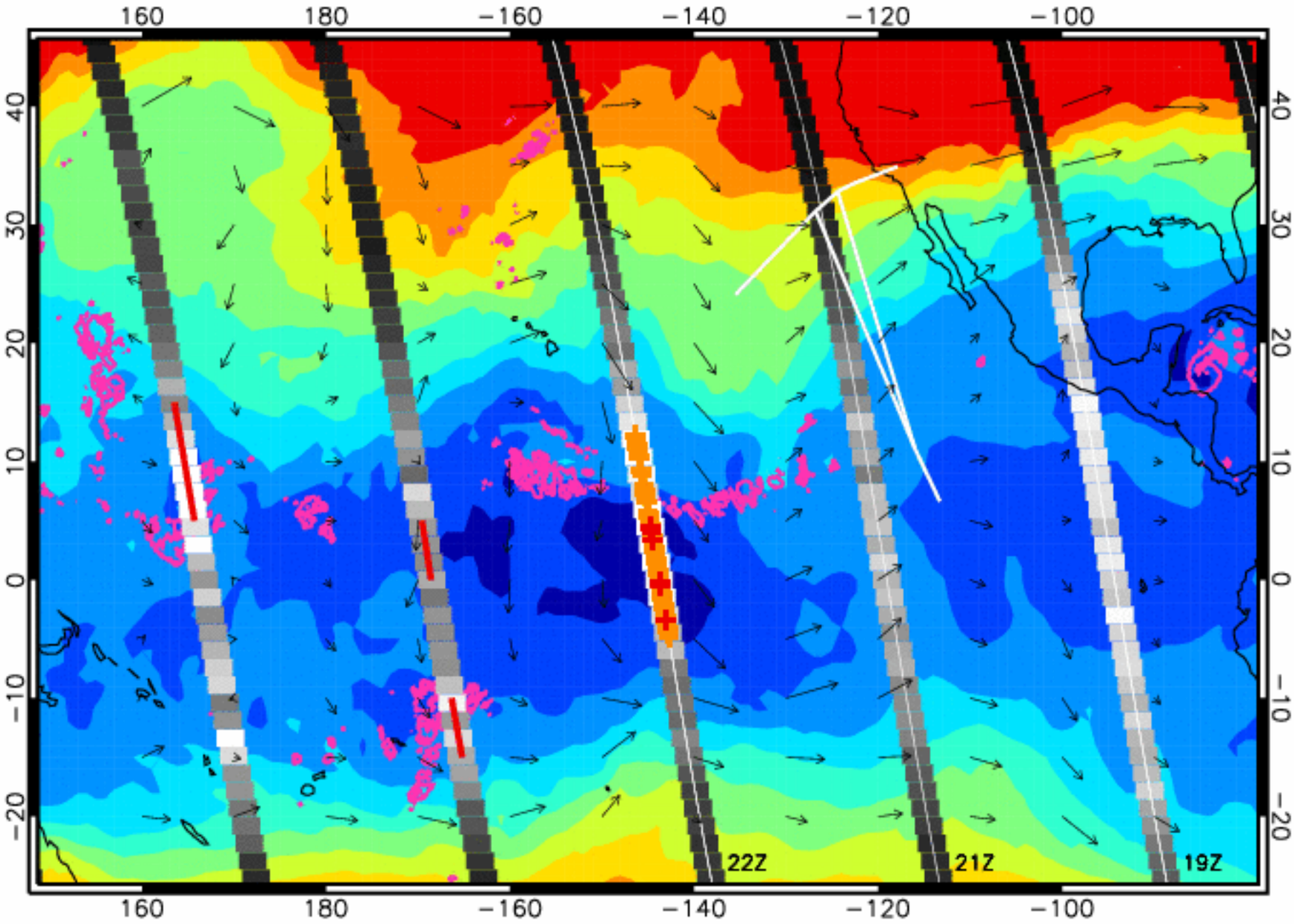
+: dense

+: denser

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.26.00Z)



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

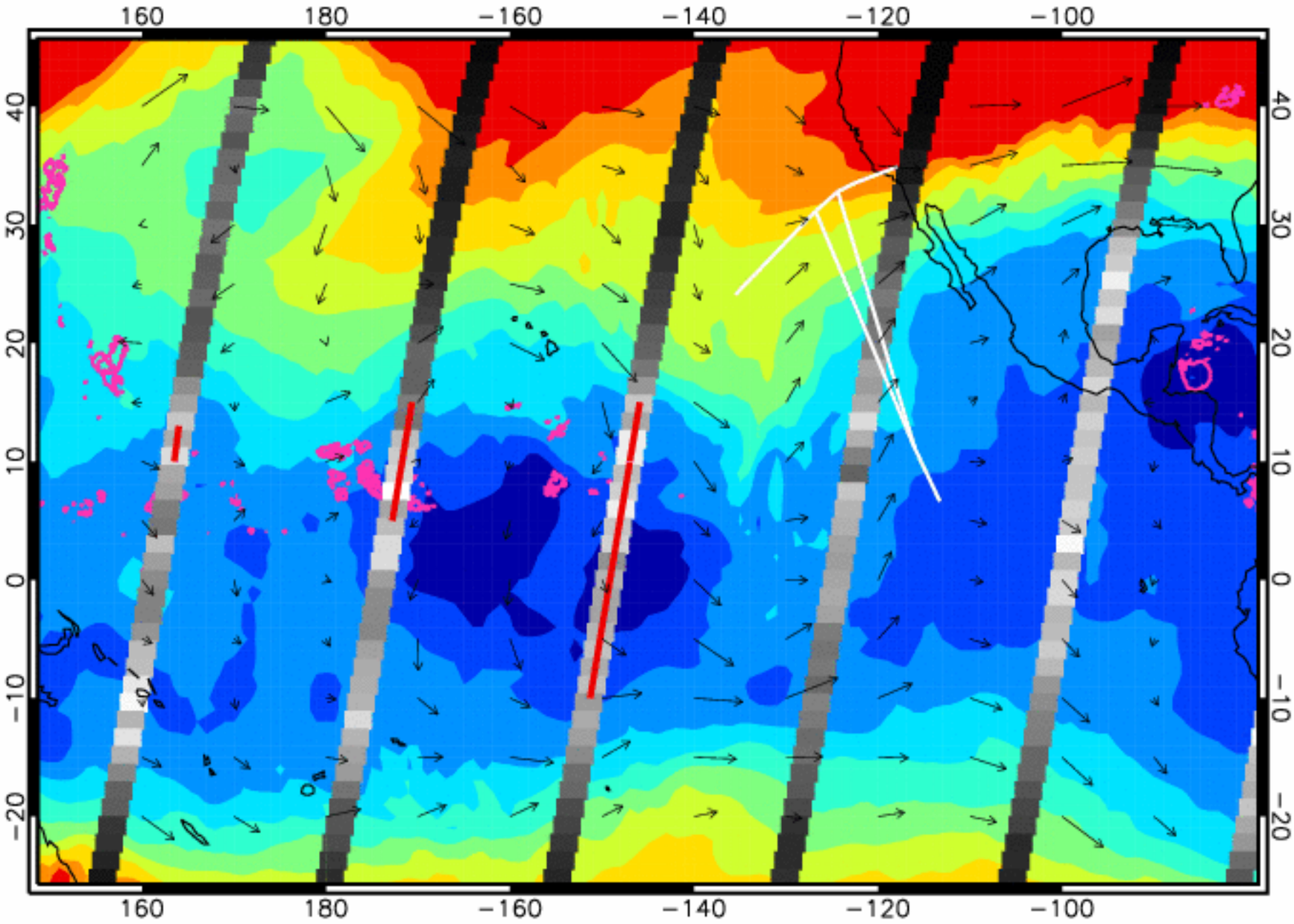
+: dense

+: denser

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.26.12Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

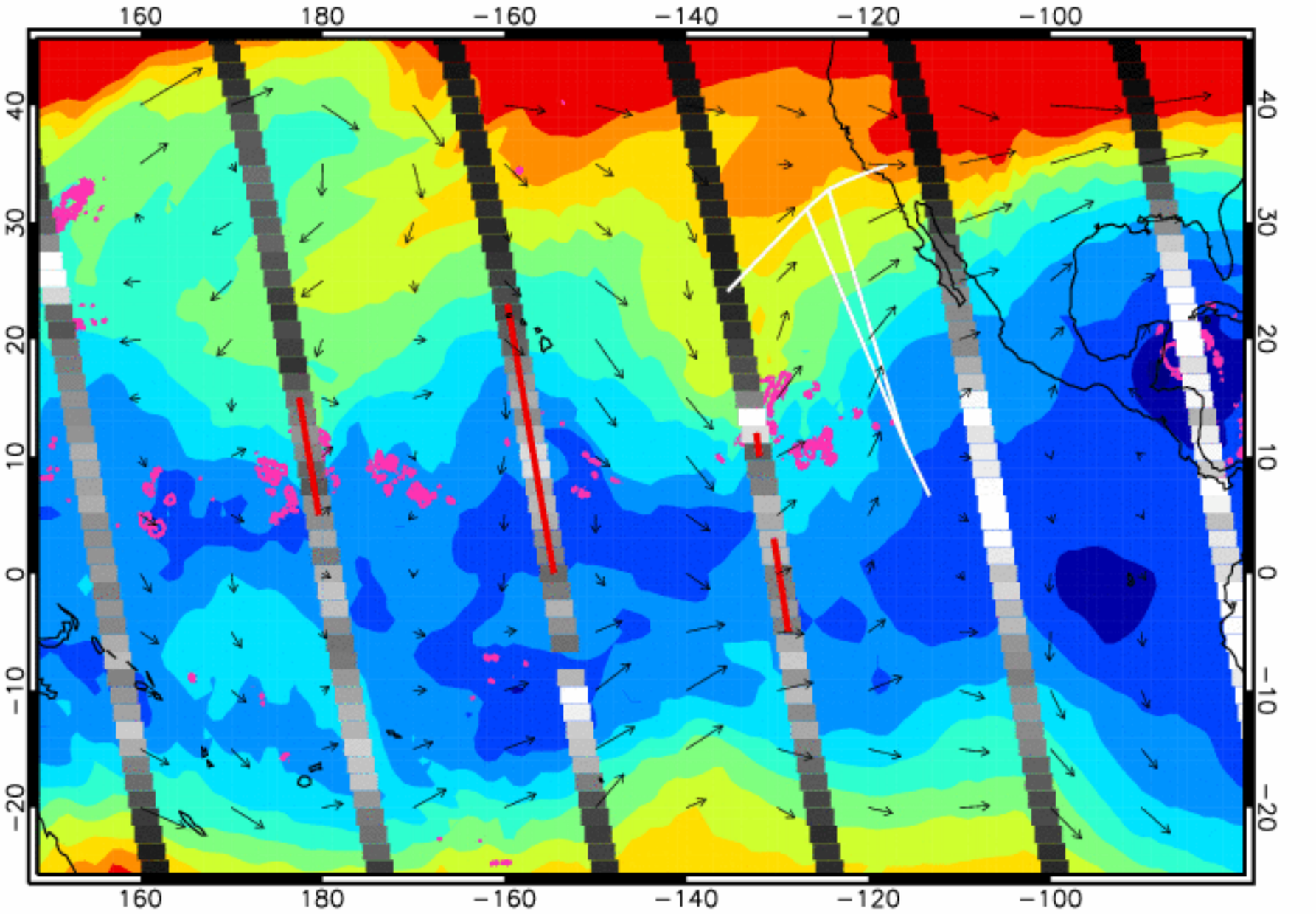
CALIPSO Clouds above 15km

−Expedited Browser Images

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.27.00Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

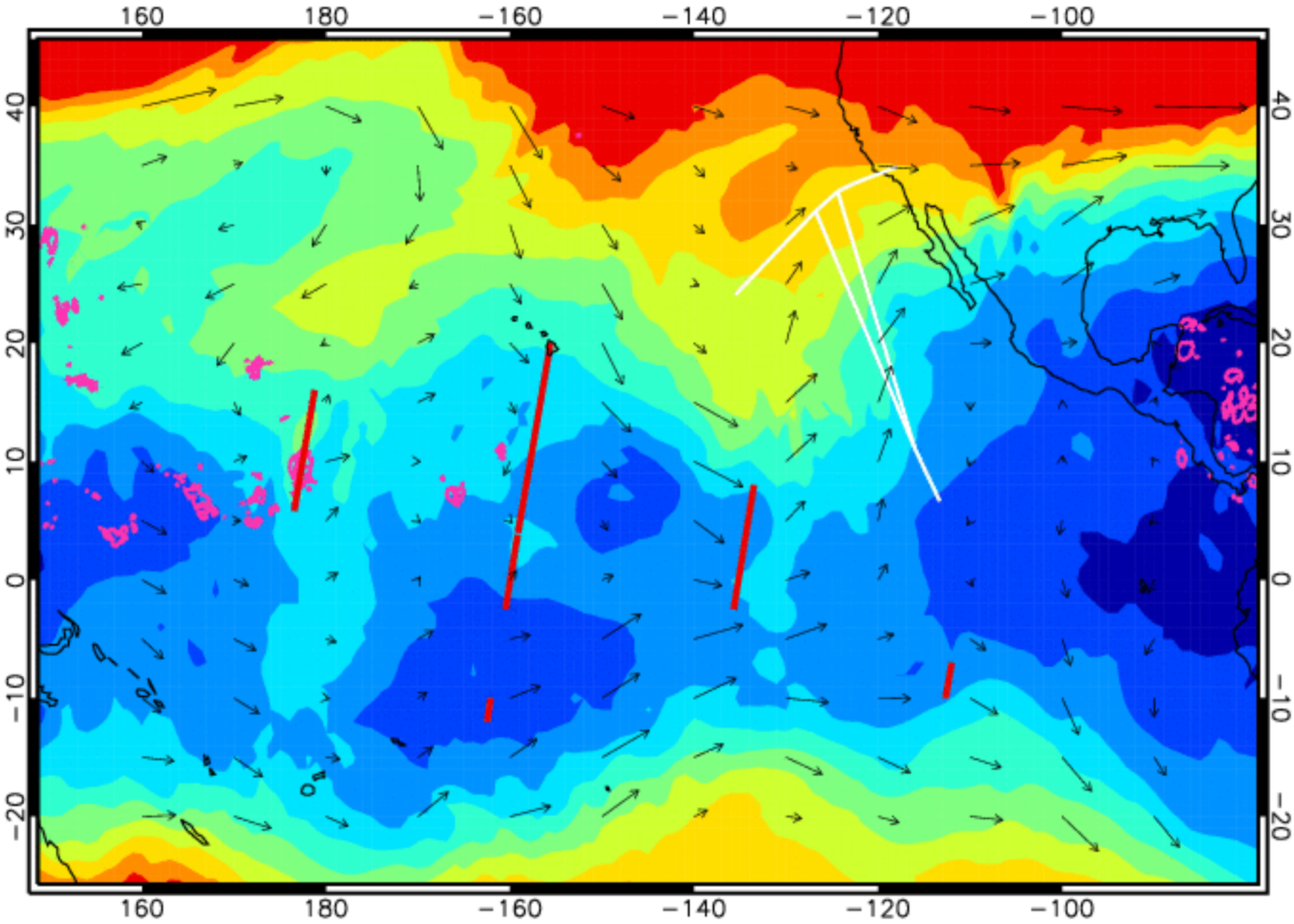
CALIPSO Clouds above 15km

−Expedited Browser Images

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.27.12Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

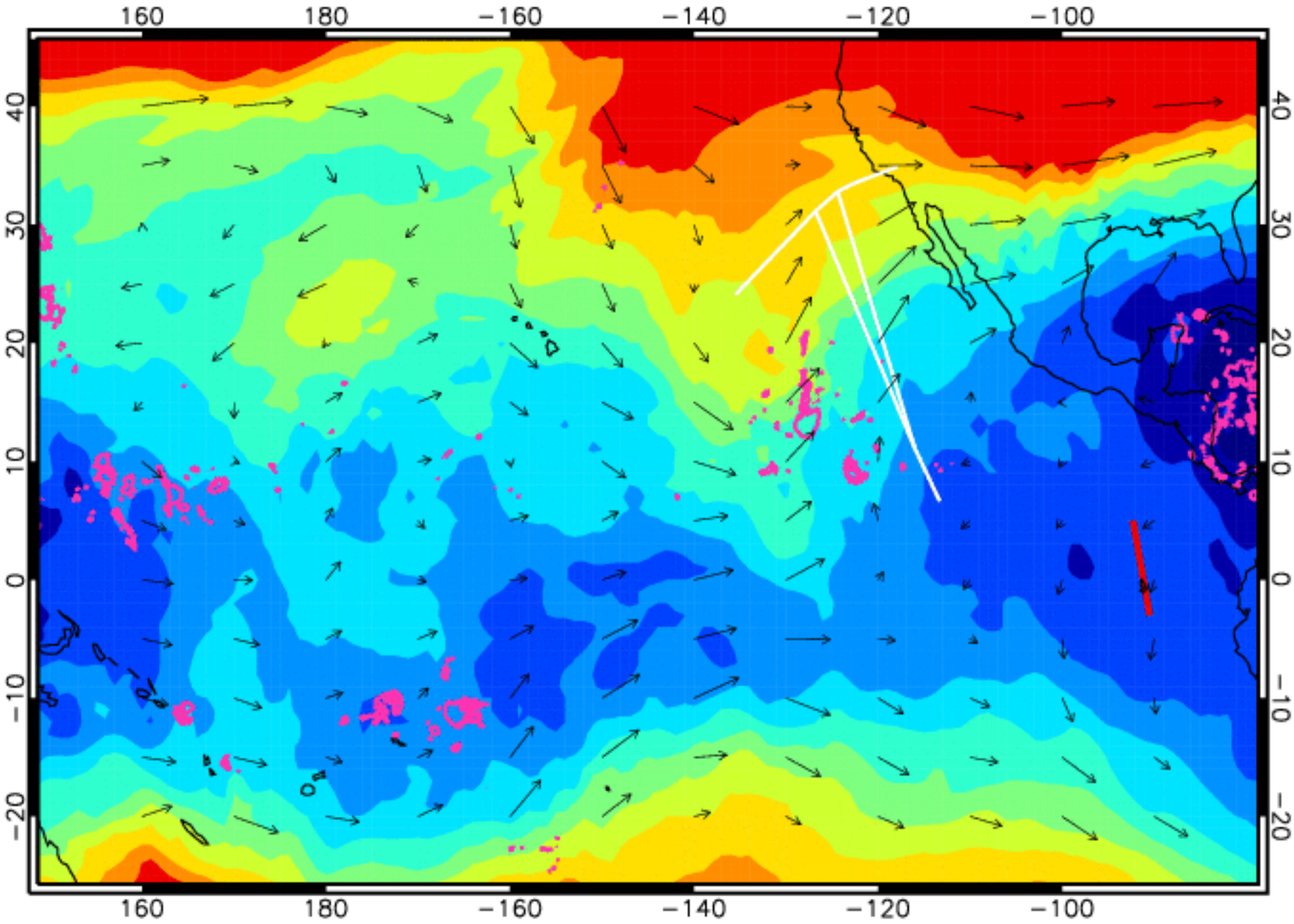
CALIPSO Clouds above 15km

−Expedited Browser Images

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.28.00Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

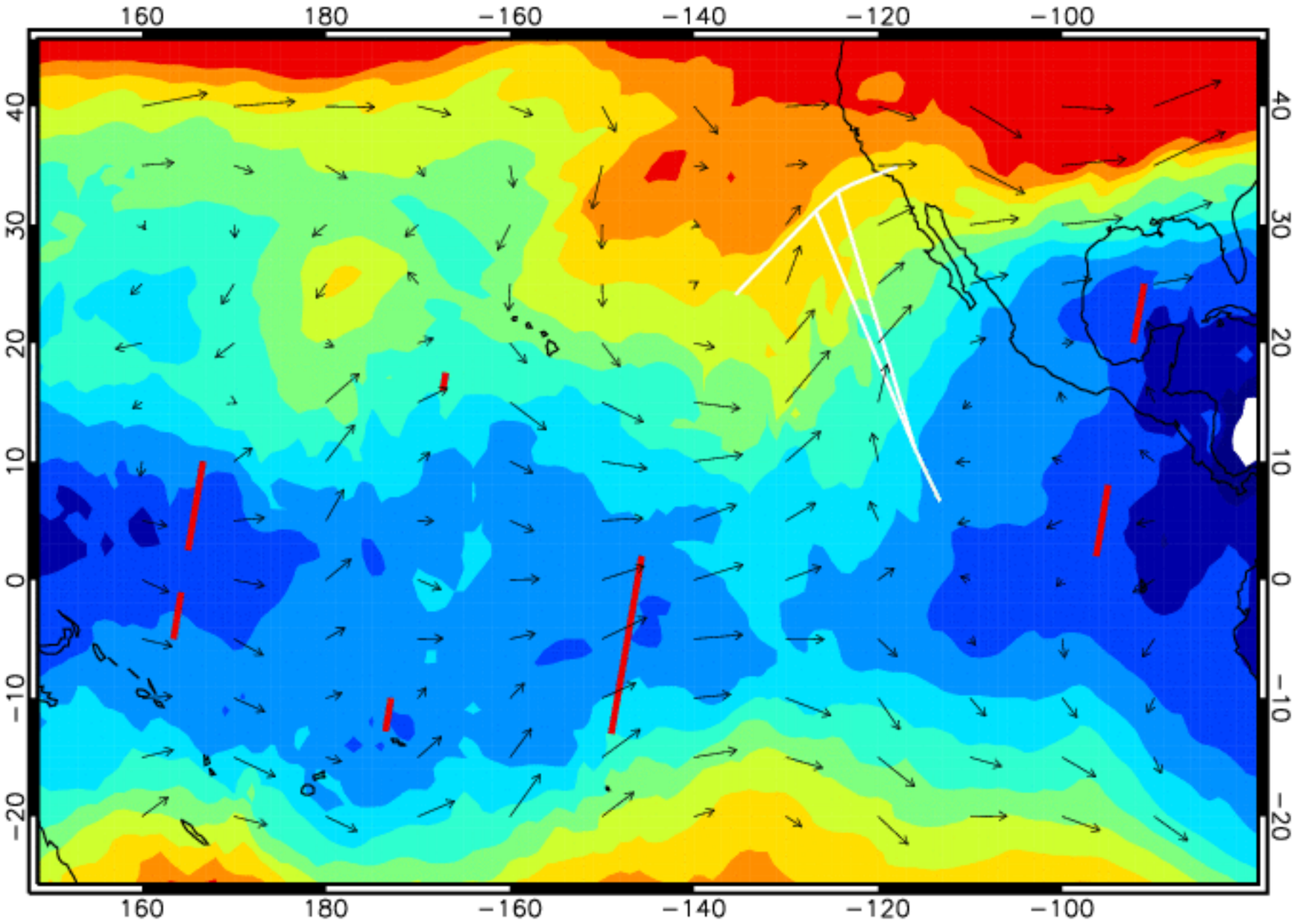
CALIPSO Clouds above 15km

−Expedited Browser Images

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.28.12Z)



NCEP T 190 194 198 202 206

188 192 196 200 204 208 (K)

MLS RHI 100hPa

0 20 40 60 80 100

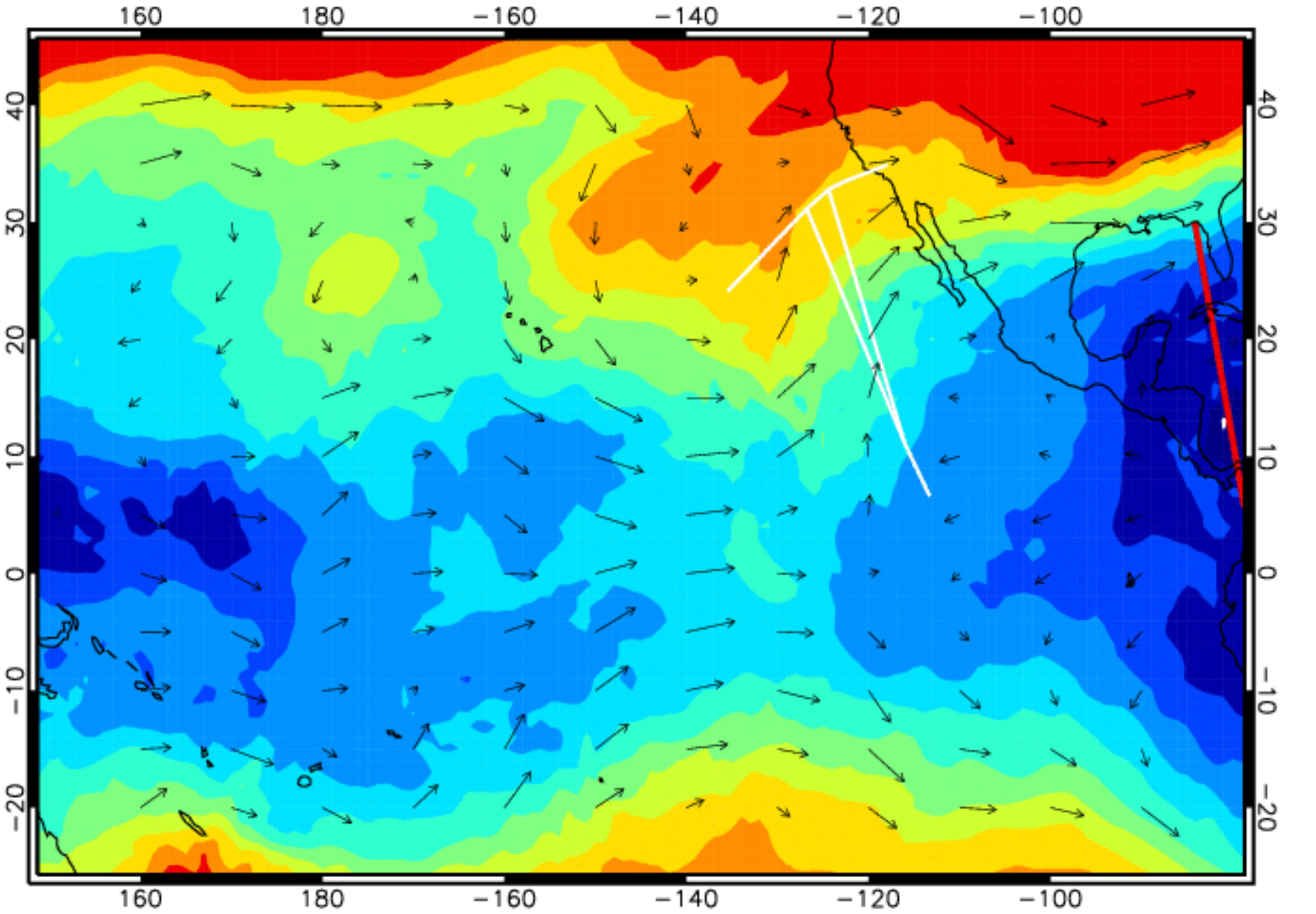
CALIPSO Clouds above 15km

−Expedited Browser Images

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C

Temperature & Wind & RHI & Convection & High Cloud (2011.10.28.18Z)



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

−Expedited Browser Images

→ 50 m/s (NCEP Wind 100hPa)

Pink contours: IR BT=−55 C