

VWP – EVWP Comparison

Sterling VA

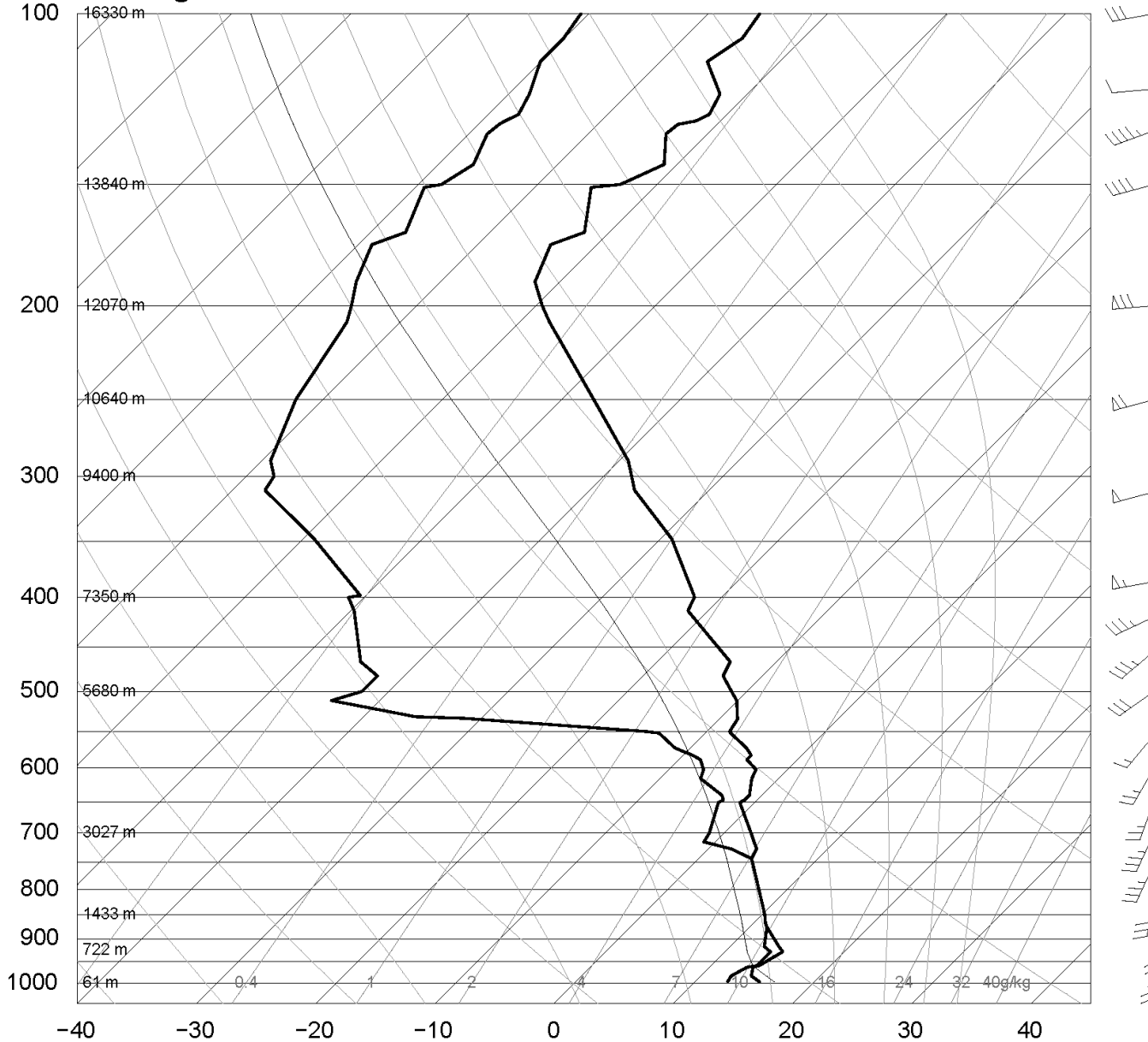
KLWX

Severe Storms / Squall Line
Convective Event

May 11 16:03Z through May 12 06:07Z

2006

72403 IAD Sterling



SLAT 38.98
SLON -77.46
SELV 93.00
SHOW 3.06
LIFT 6.21
LFTV 5.94
SWET 331.7
KINX 28.20
CTOT 21.50
VTOT 21.50
TOTL 43.00
CAPE 0.00
CAPV 0.00
CINS 0.00
CINV 0.00
EQLV -9999
EQTV -9999
LFCT -9999
LFCV -9999
BRCH 0.00
BRCV 0.00
LCLT 286.0
LCLP 952.3
MLTH 290.0
MLMR 9.91
THCK 5619.
PWAT 33.06

12Z 11 May 2006

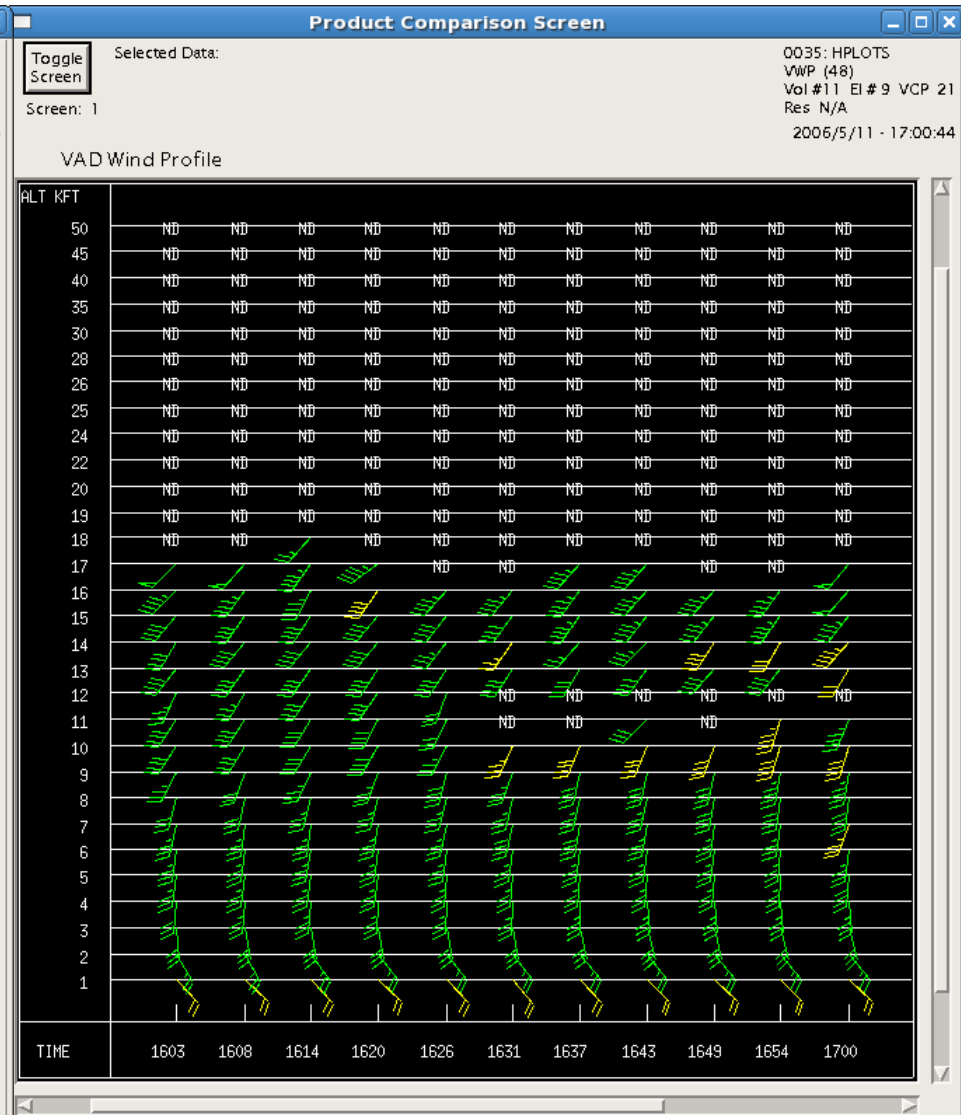
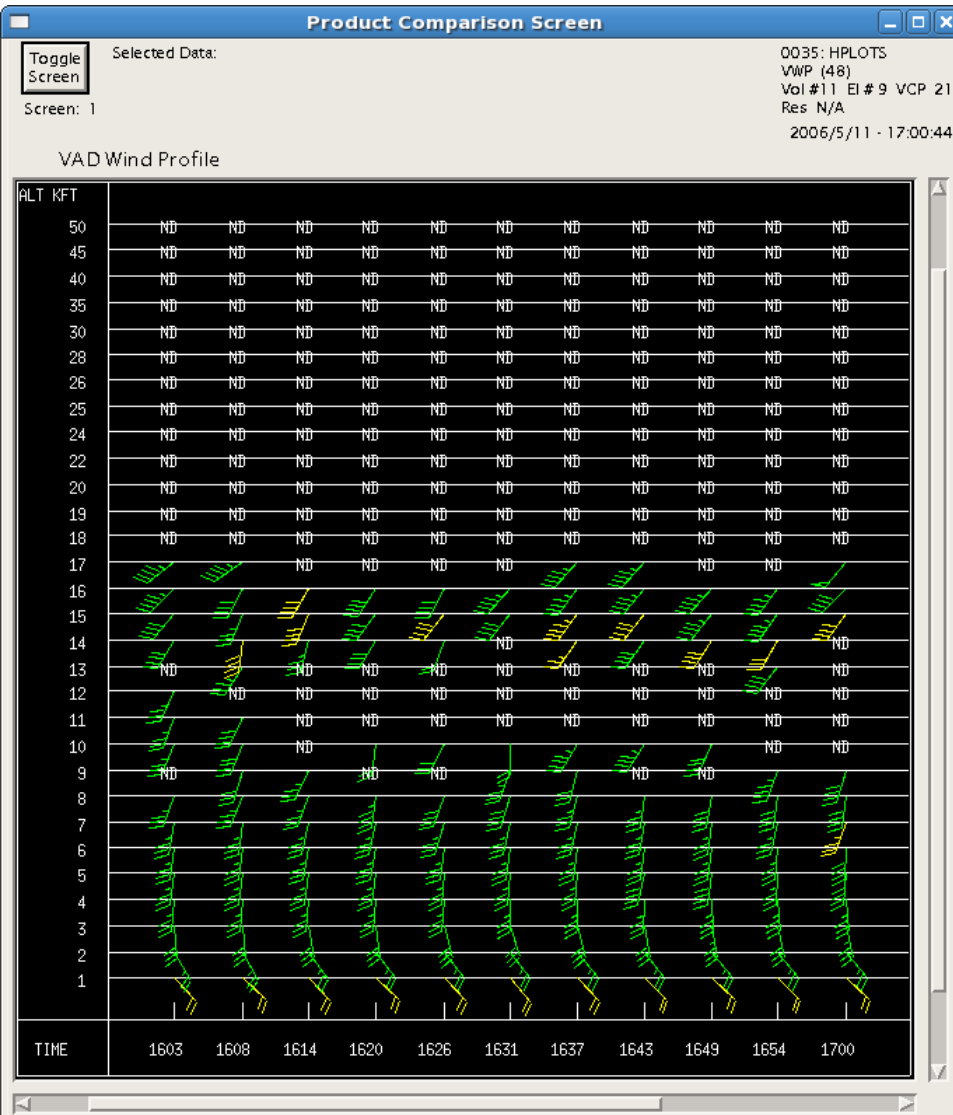
University of Wyoming

KLWX May 11, 2006 16:03Z – 17:00Z

EVWP Provided 22% More Wind Estimates than VWP

VWP Total Wind Estimates - 143

EVWP Total Wind Estimates - 175

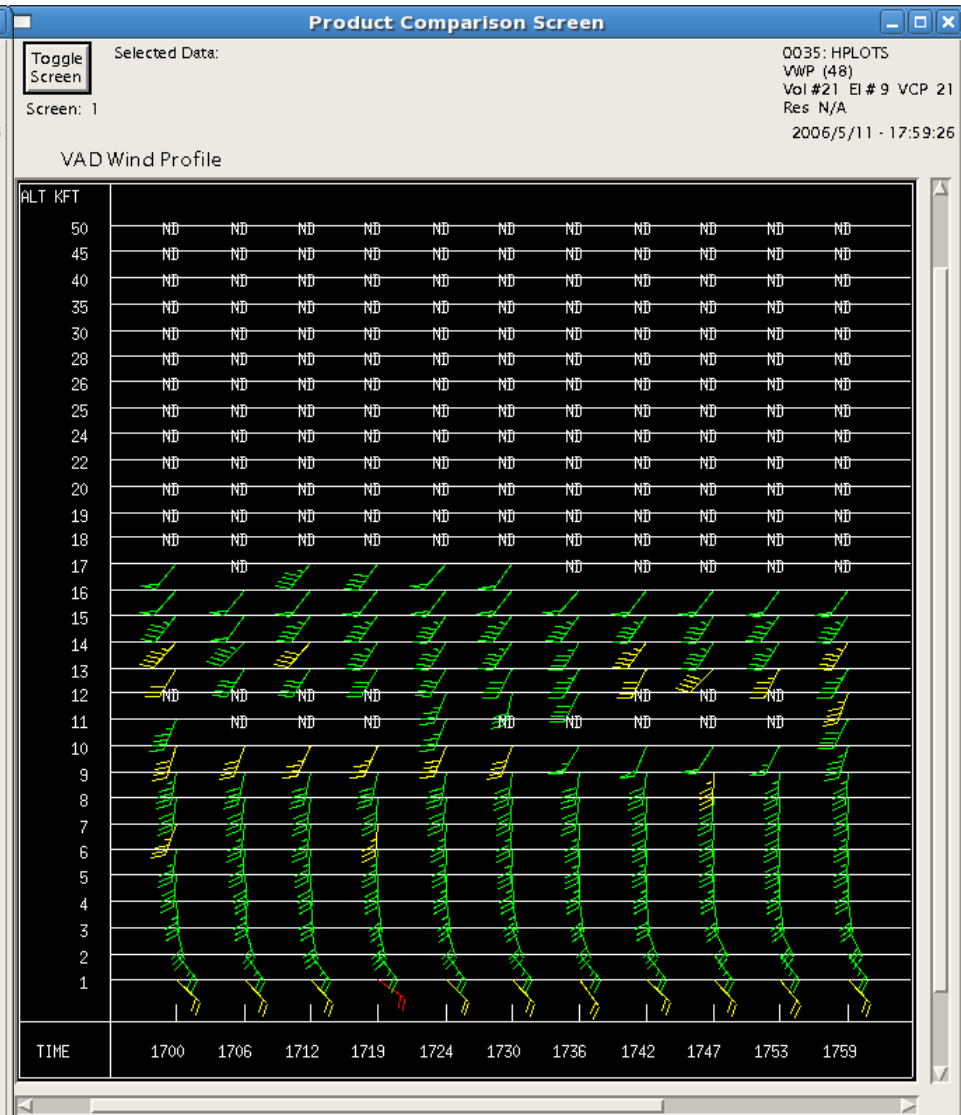
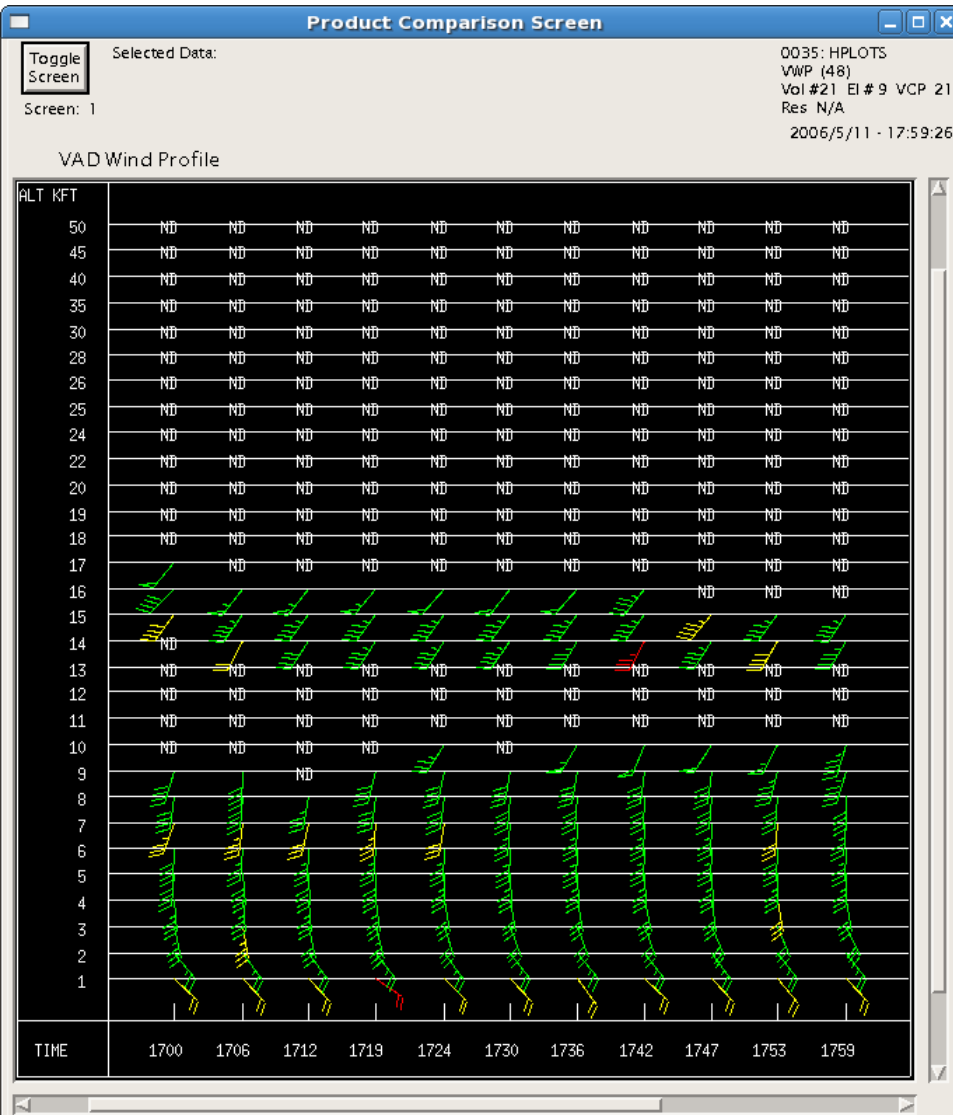


KLWX May 11, 2006 17:00Z – 17:59Z

EVWP Provided 23% More Wind Estimates than VWP

VWP Total Wind Estimates - 122

EVWP Total Wind Estimates - 150

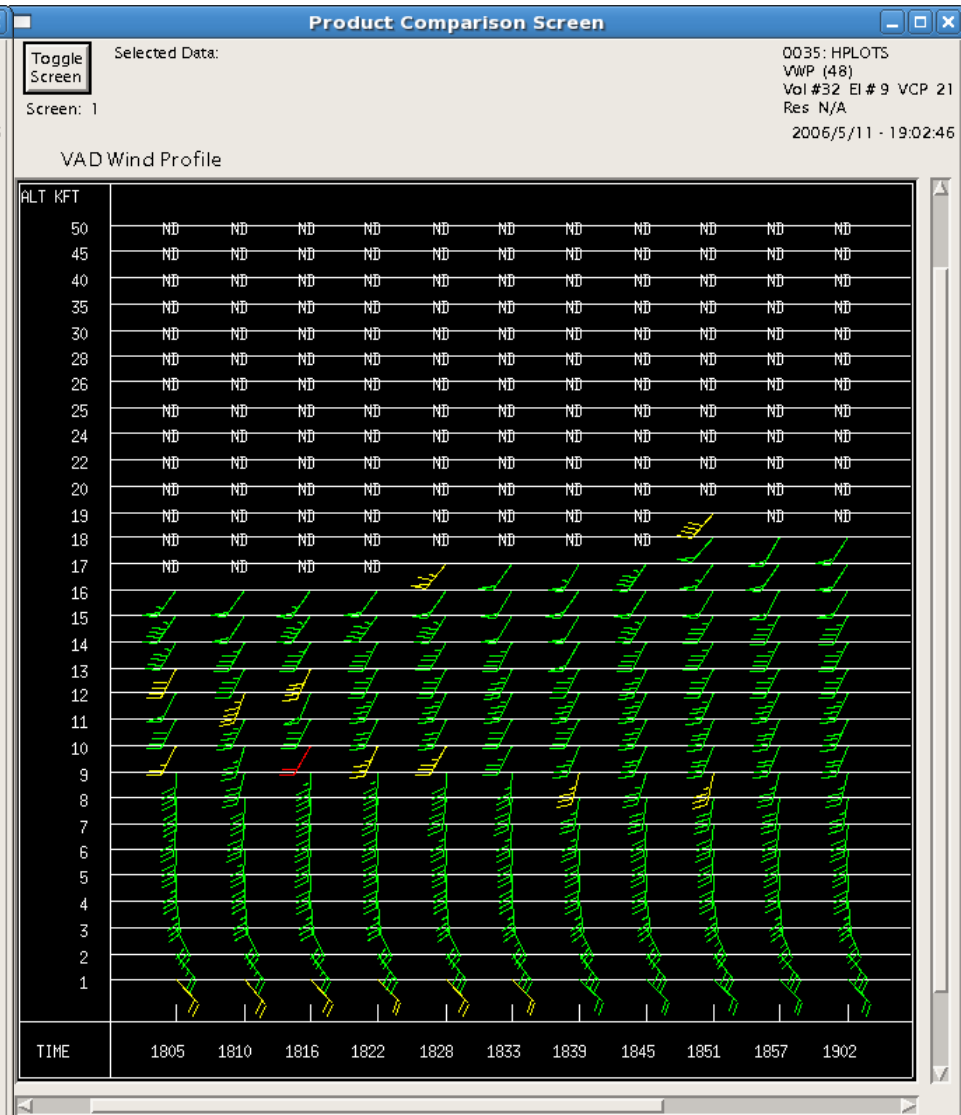
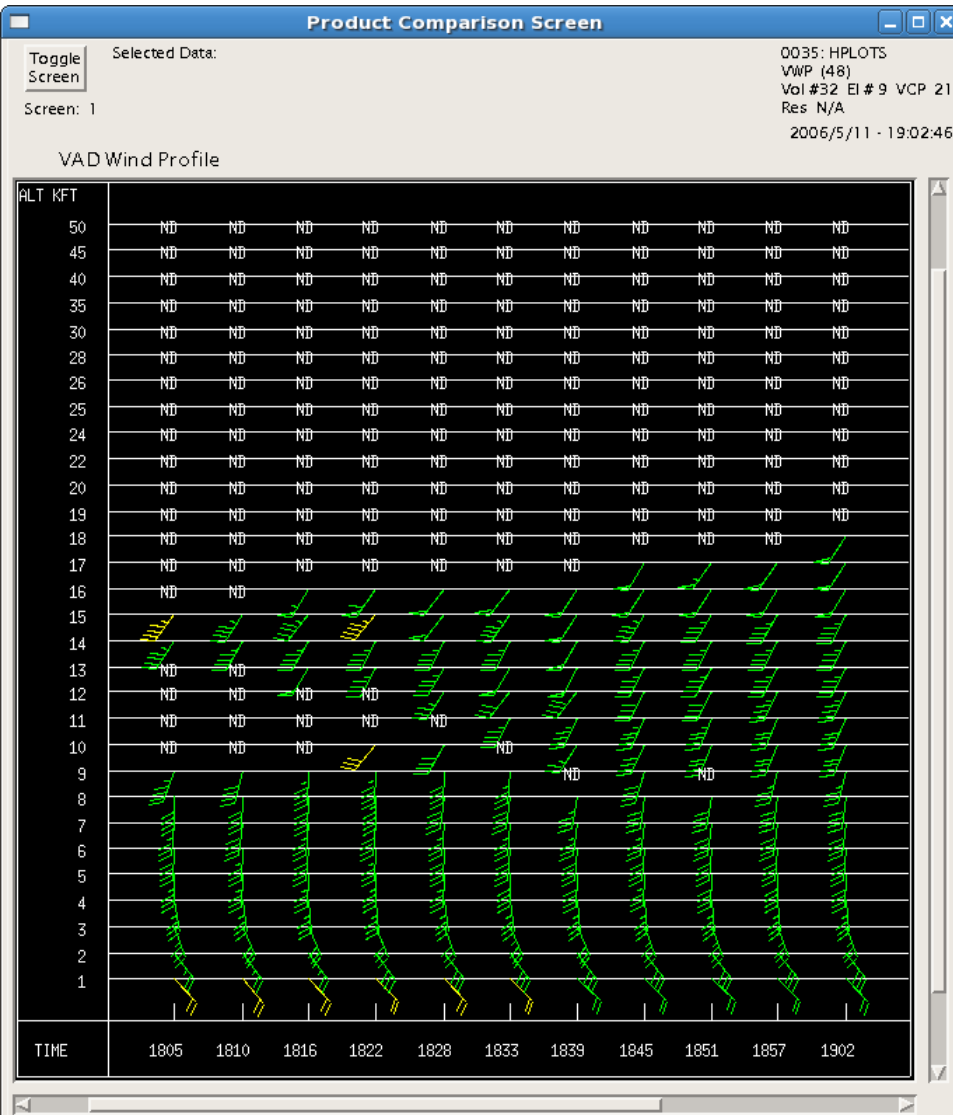


KLWX May 11, 2006 18:05Z – 19:02Z

EVWP Provided 15% More Wind Estimates than VWP

VWP Total Wind Estimates - 162

EVWP Total Wind Estimates - 187

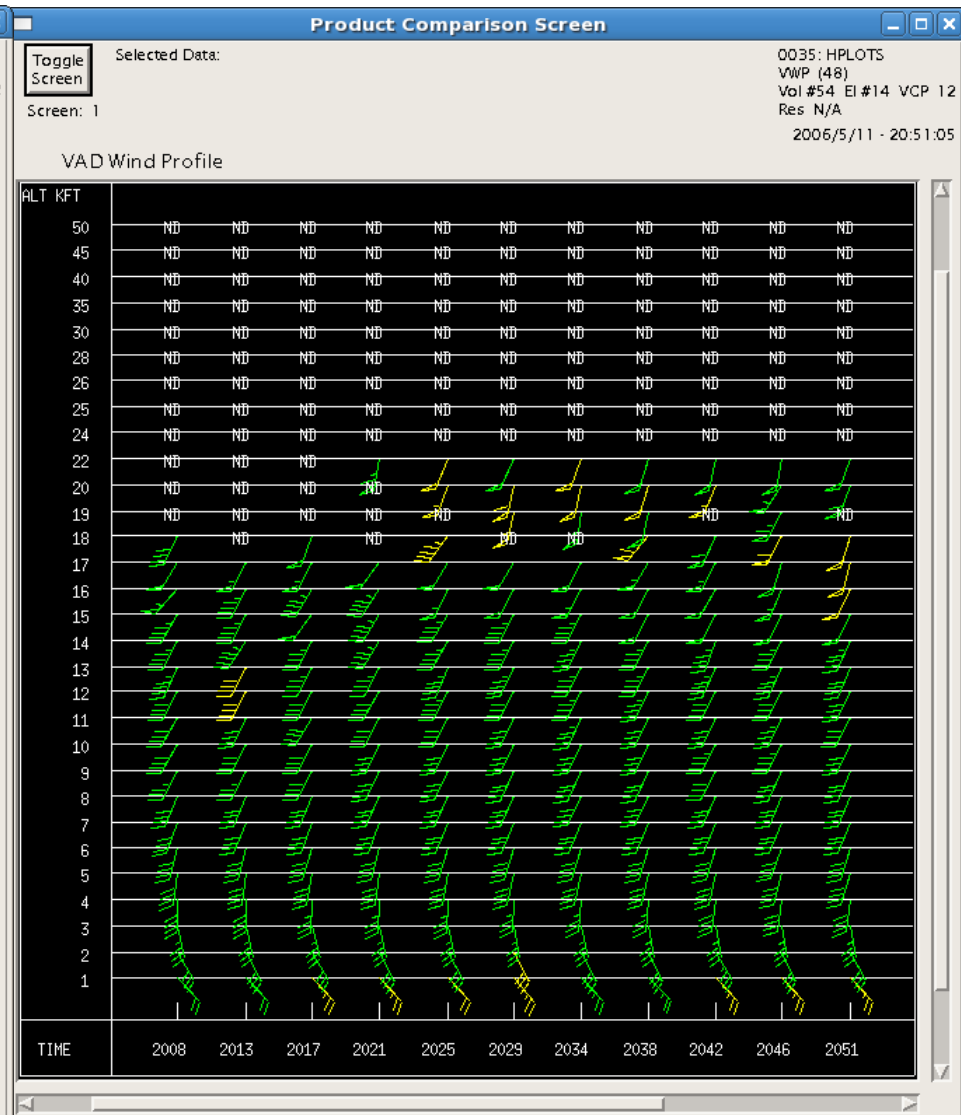
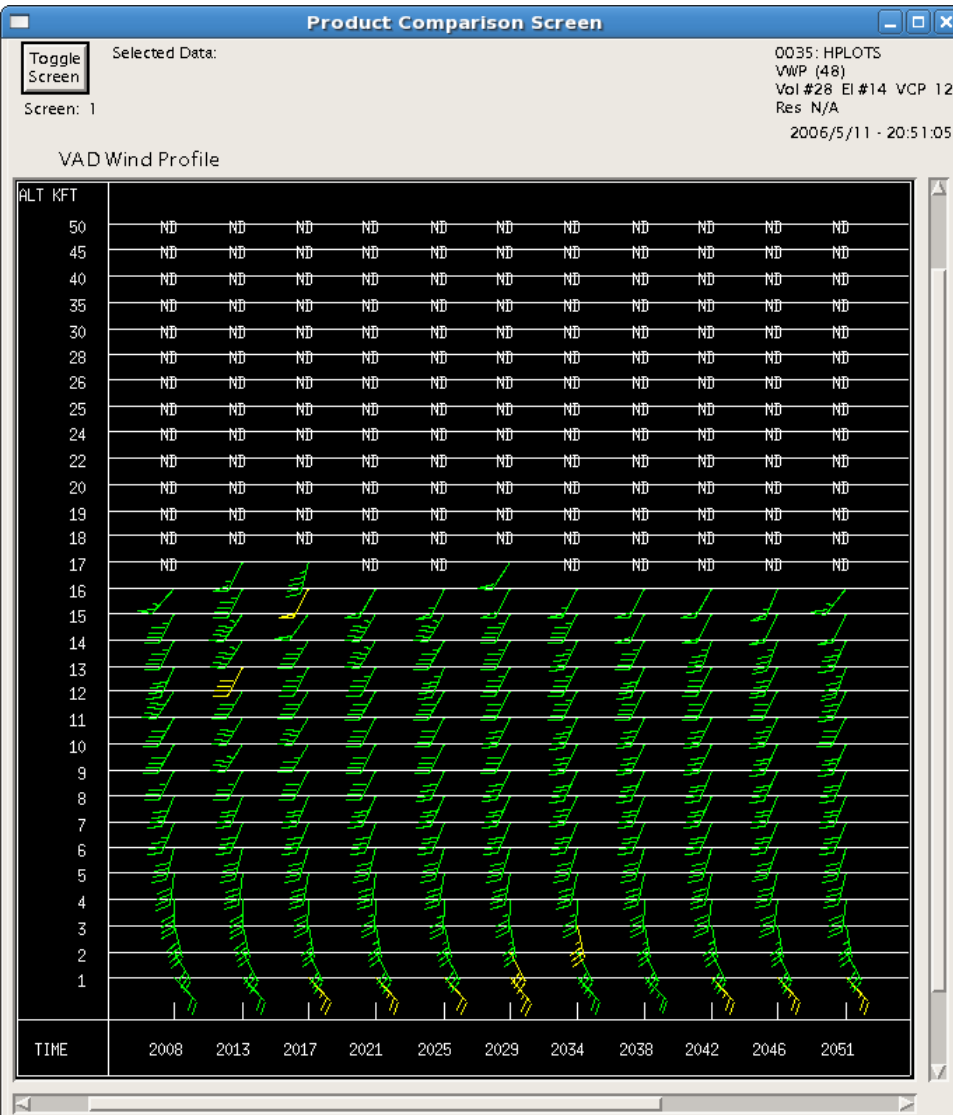


KLWX May 11, 2006 20:08Z – 20:51Z

EVWP Provided 19% More Wind Estimates than VWP

VWP Total Wind Estimates - 179

EVWP Total Wind Estimates - 213

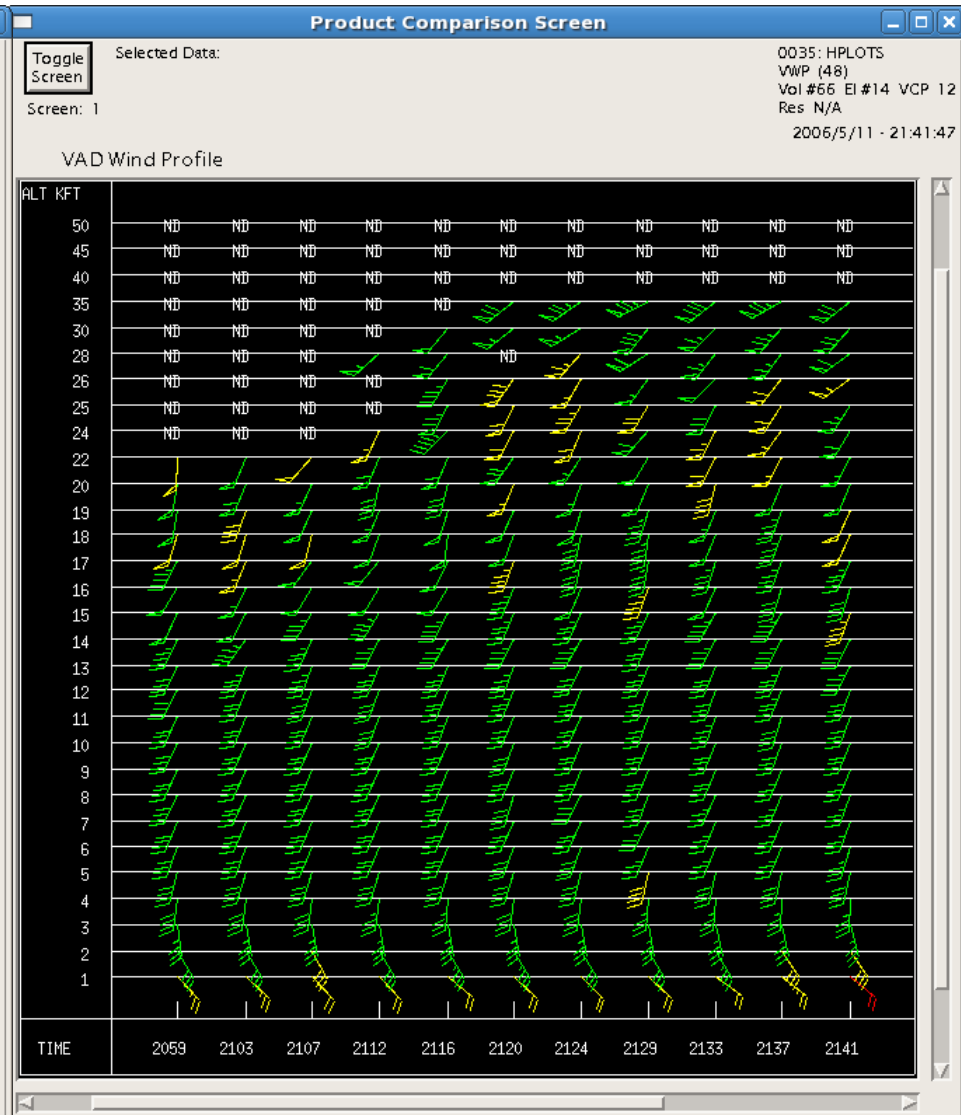
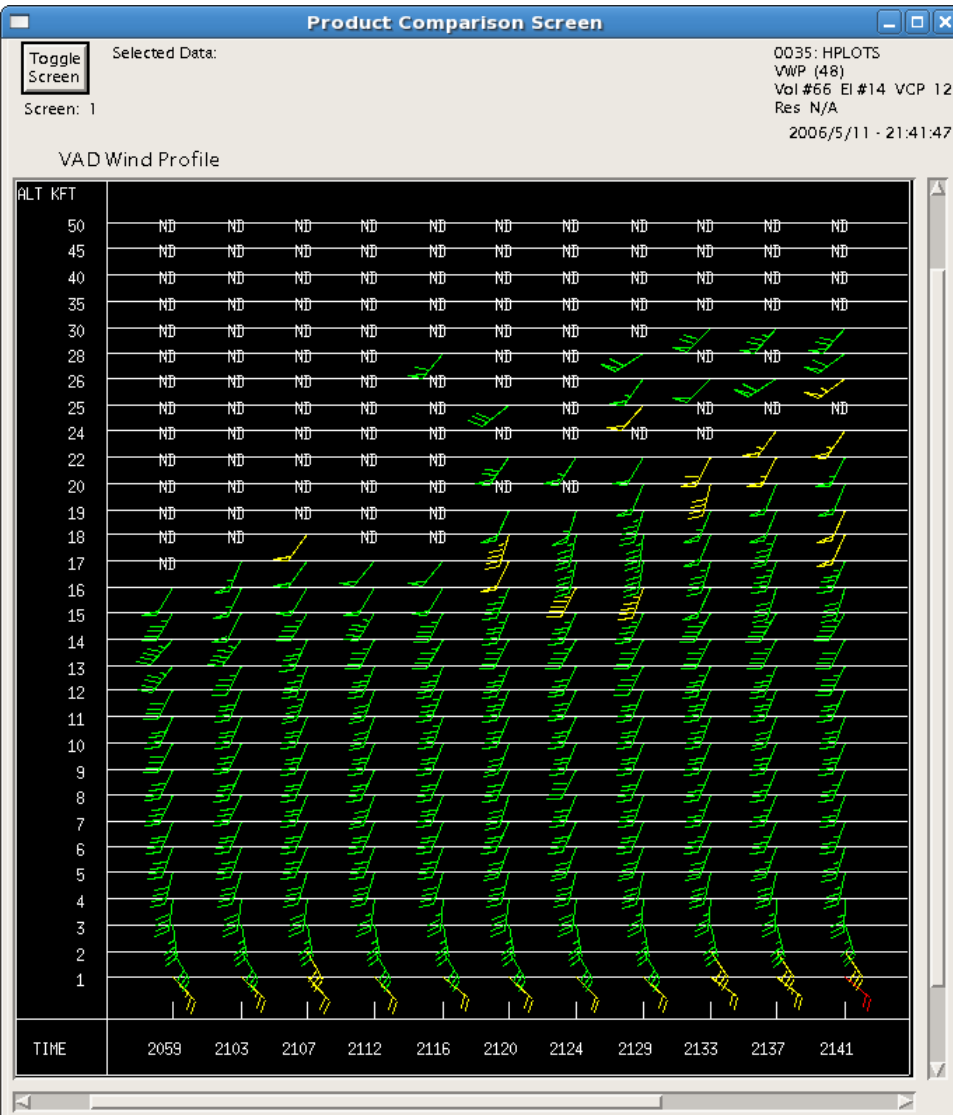


KLWX May 11, 2006 20:59Z – 21:41Z

EVWP Provided 22% More Wind Estimates than VWP

VWP Total Wind Estimates - 223

EVWP Total Wind Estimates - 272

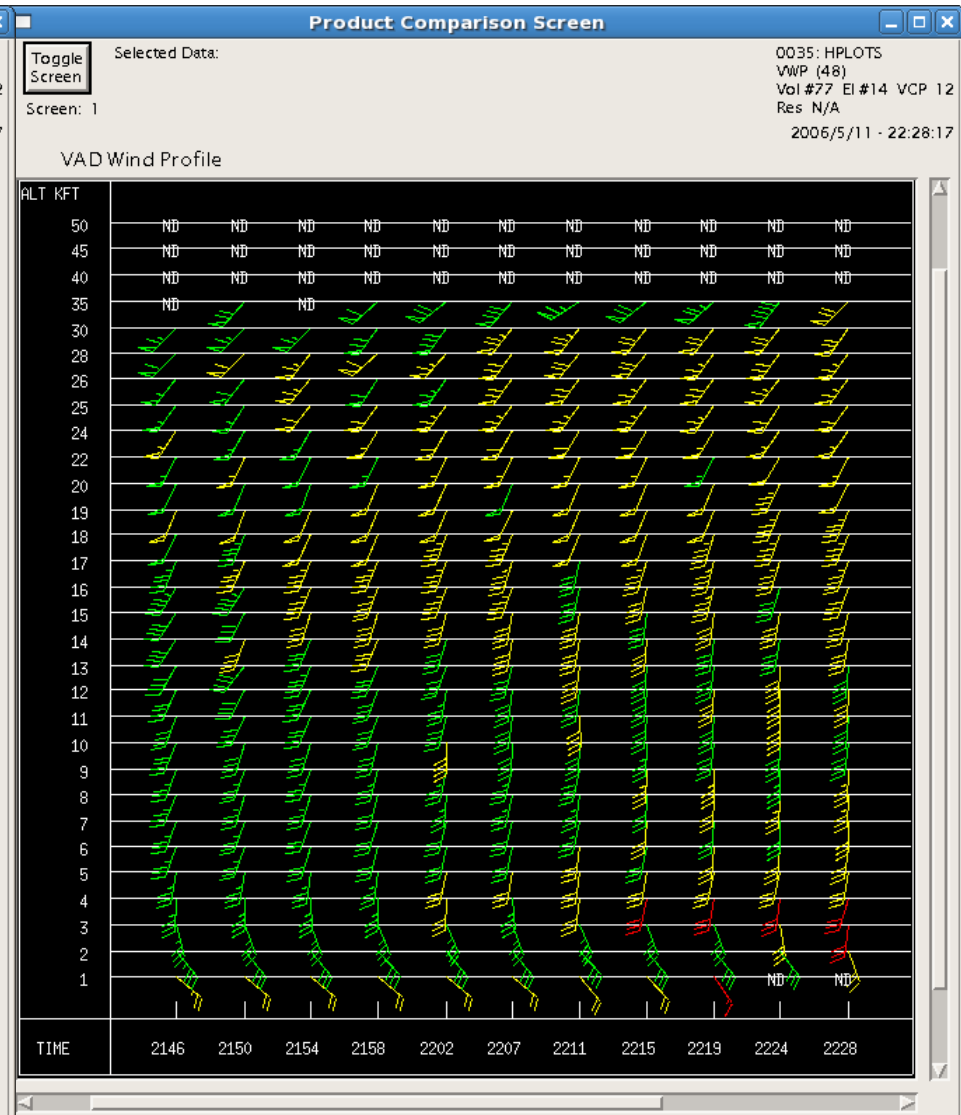
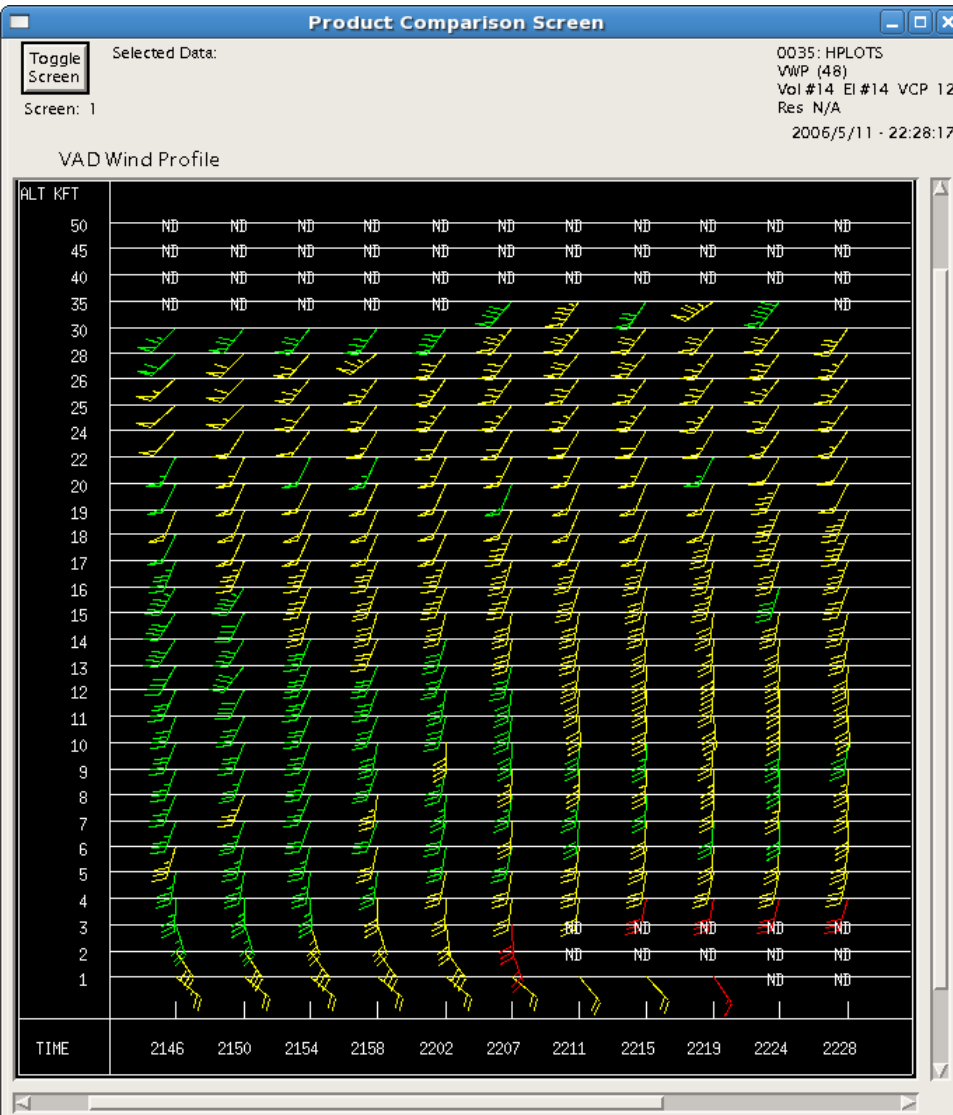


KLWX May 11, 2006 21:46Z – 22:28Z

EVWP Provided 5.0% More Wind Estimates than VWP

VWP Total Wind Estimates - 279

EVWP Total Wind Estimates - 293

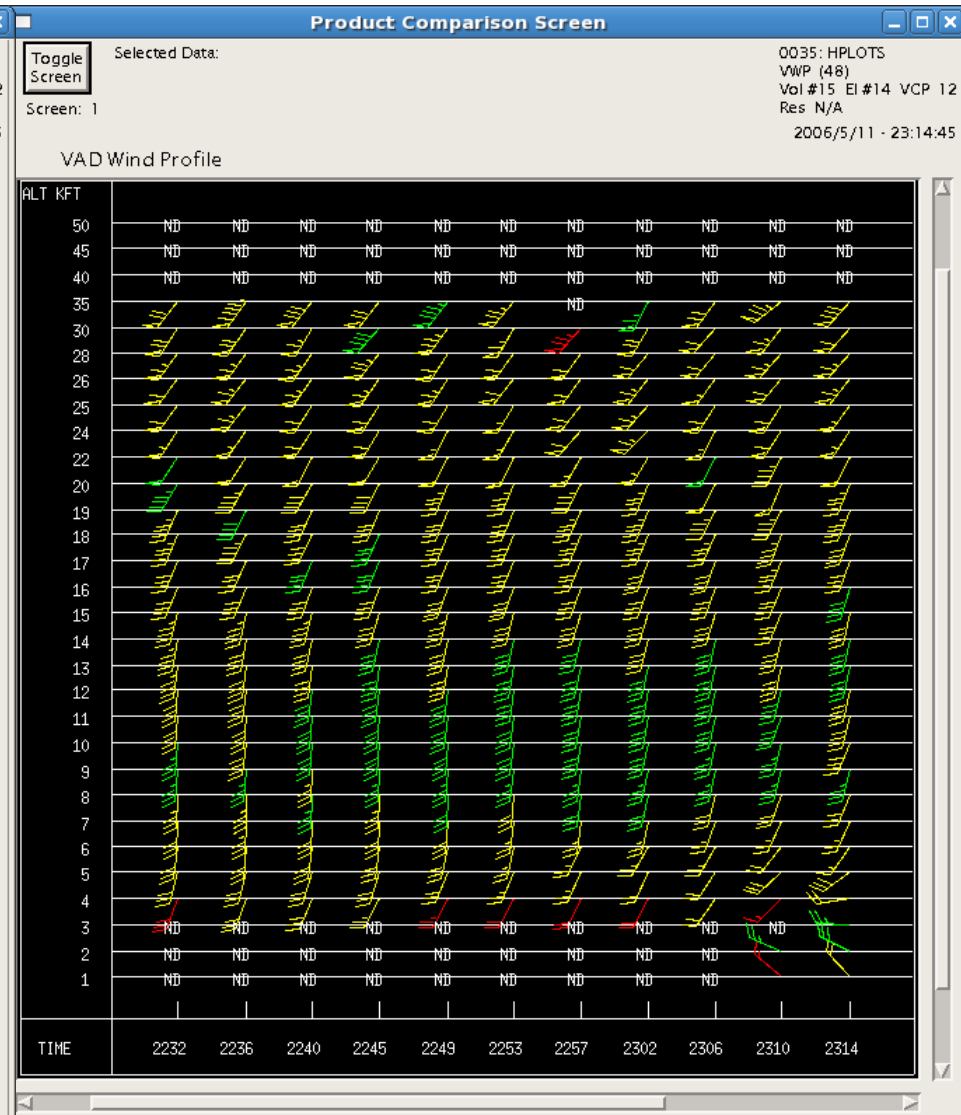
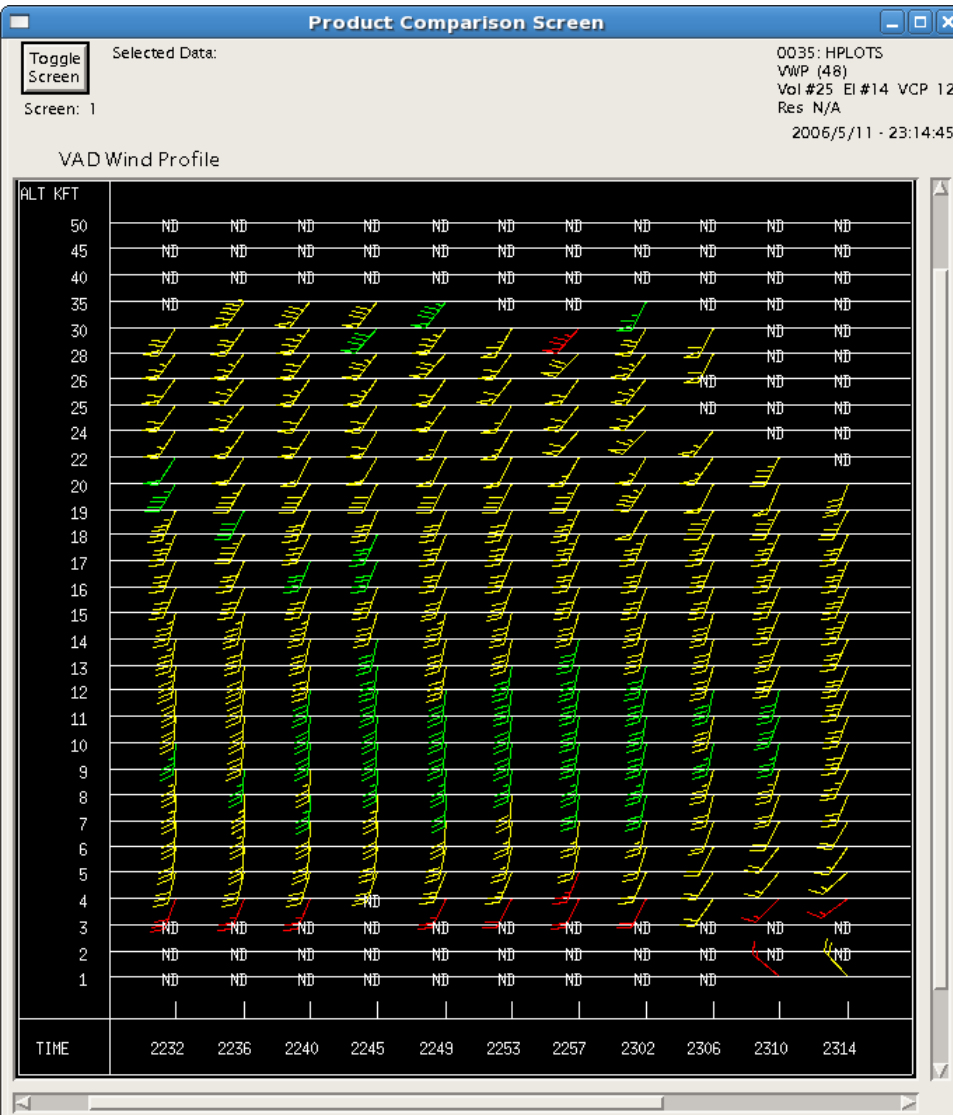


KLWX May 11, 2006 22:32Z – 23:14Z

EVWP Provided 8.9% More Wind Estimates than VWP

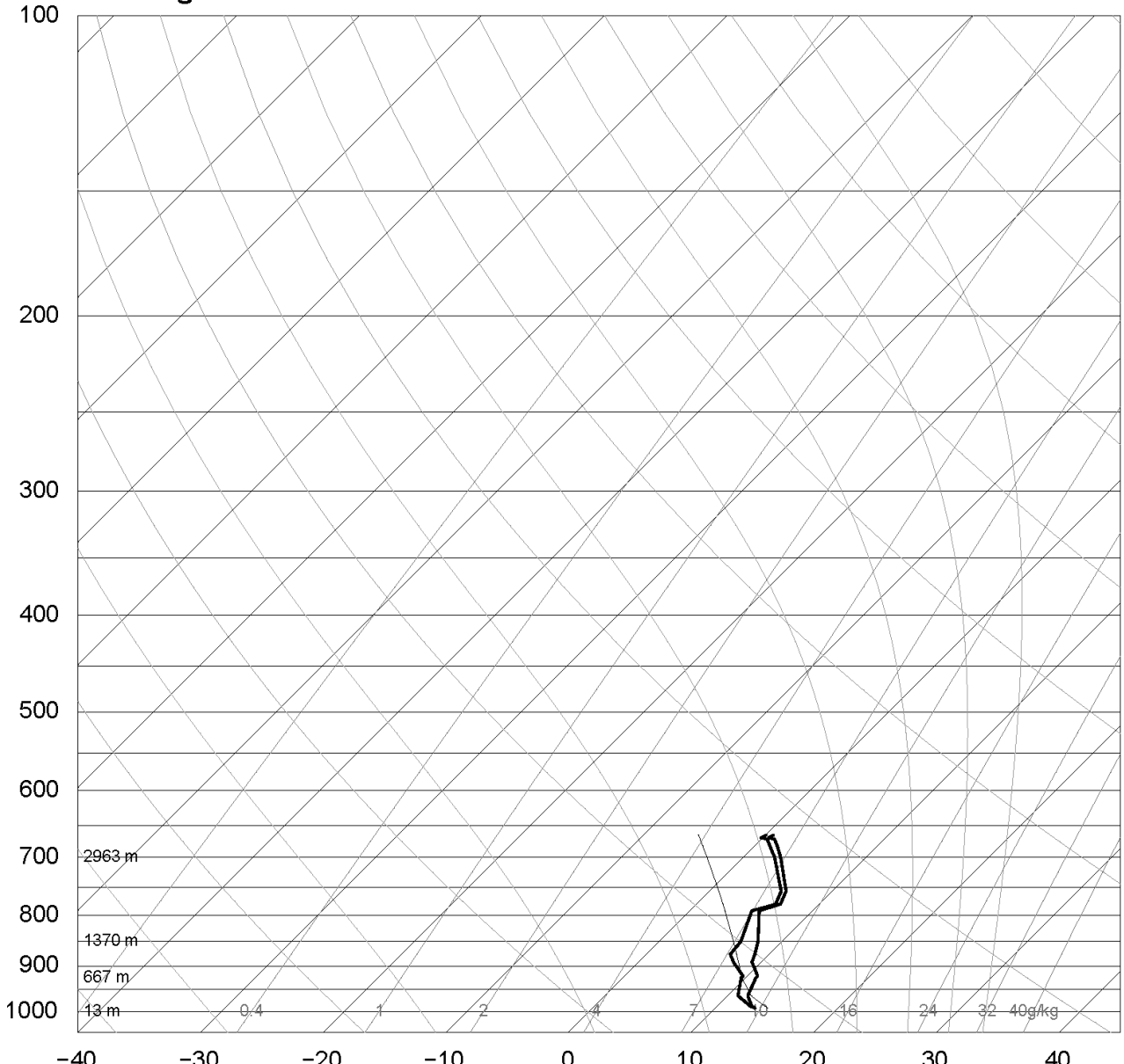
VWP Total Wind Estimates - 246

EVWP Total Wind Estimates - 268



72403 IAD Sterling

SLAT 38.98
SLON -77.46
SELV 93.00
SHOW -9999
LIFT -9999
LFTV -9999
SWET -9999
KINX -9999
CTOT -9999
VTOT -9999
TOTL -9999
CAPE 0.00
CAPV 0.00
CINS 0.00
CINV 0.00
EQLV -9999
EQTV -9999
LFCT -9999
LFCV -9999
BRCH -9999
BRCV -9999
LCLT 284.0
LCLP 952.7
MLTH 288.0
MLMR 8.69
THCK -9999
PWAT 24.90



00Z 12 May 2006

University of Wyoming

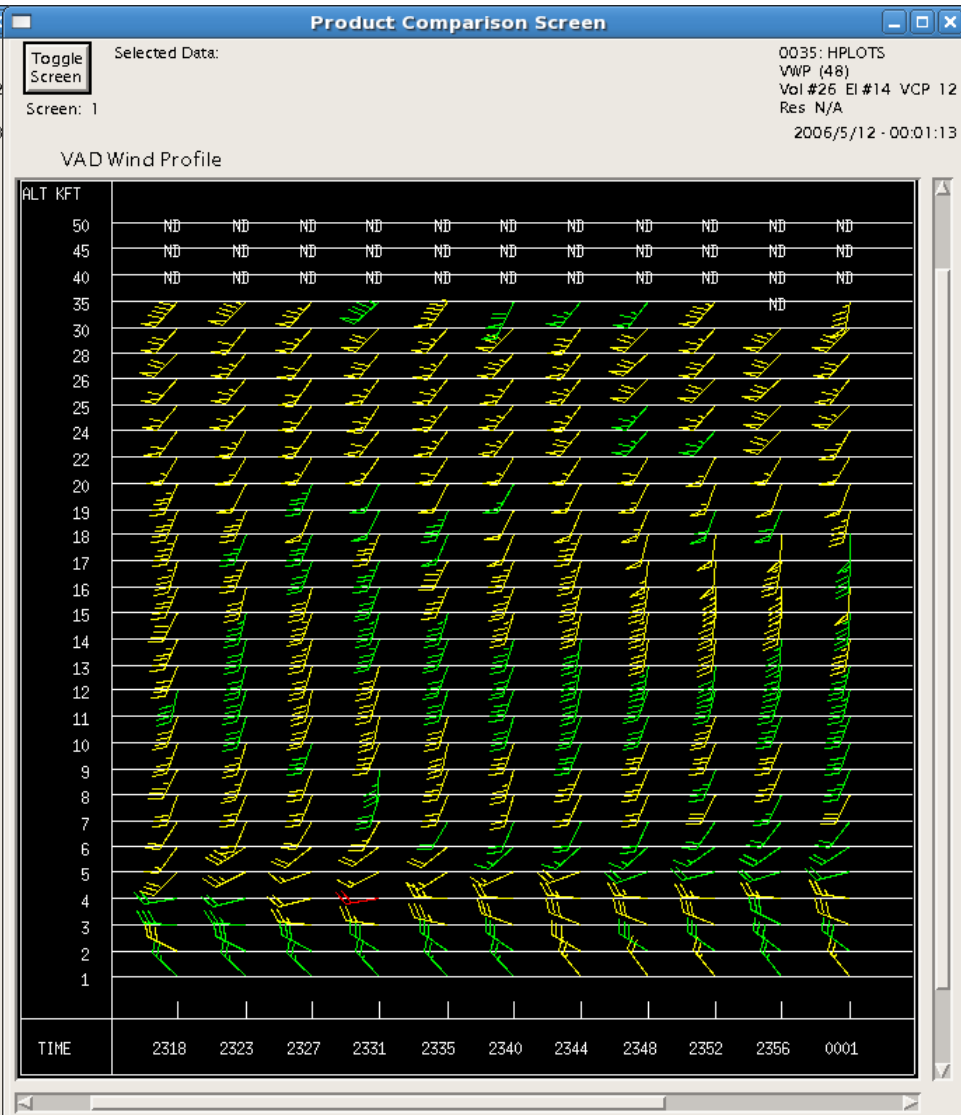
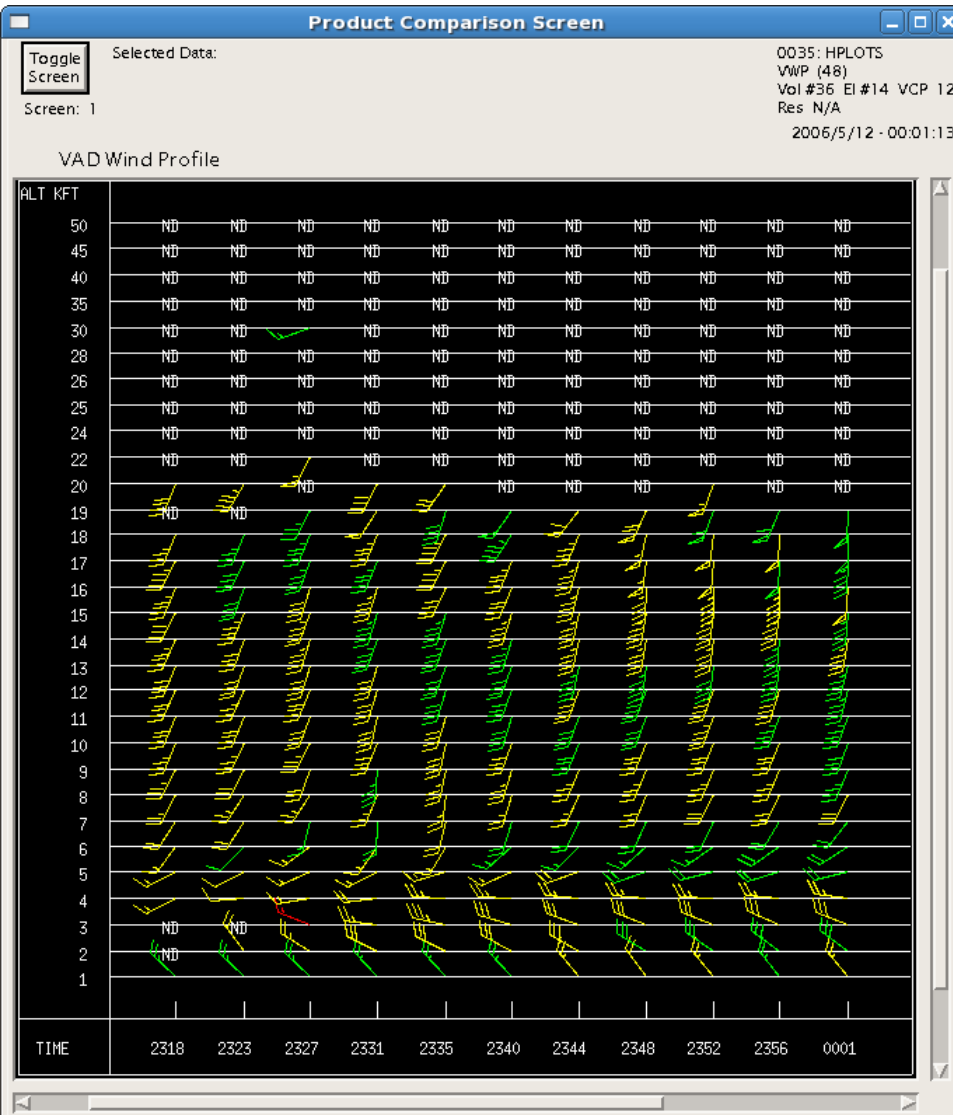
Handwritten signature or initials.

KLWX May 11, 2006 23:18Z – May 12, 2006 00:01Z

EVWP Provided 35% More Wind Estimates than VWP

VWP Total Wind Estimates - 220

EVWP Total Wind Estimates - 296

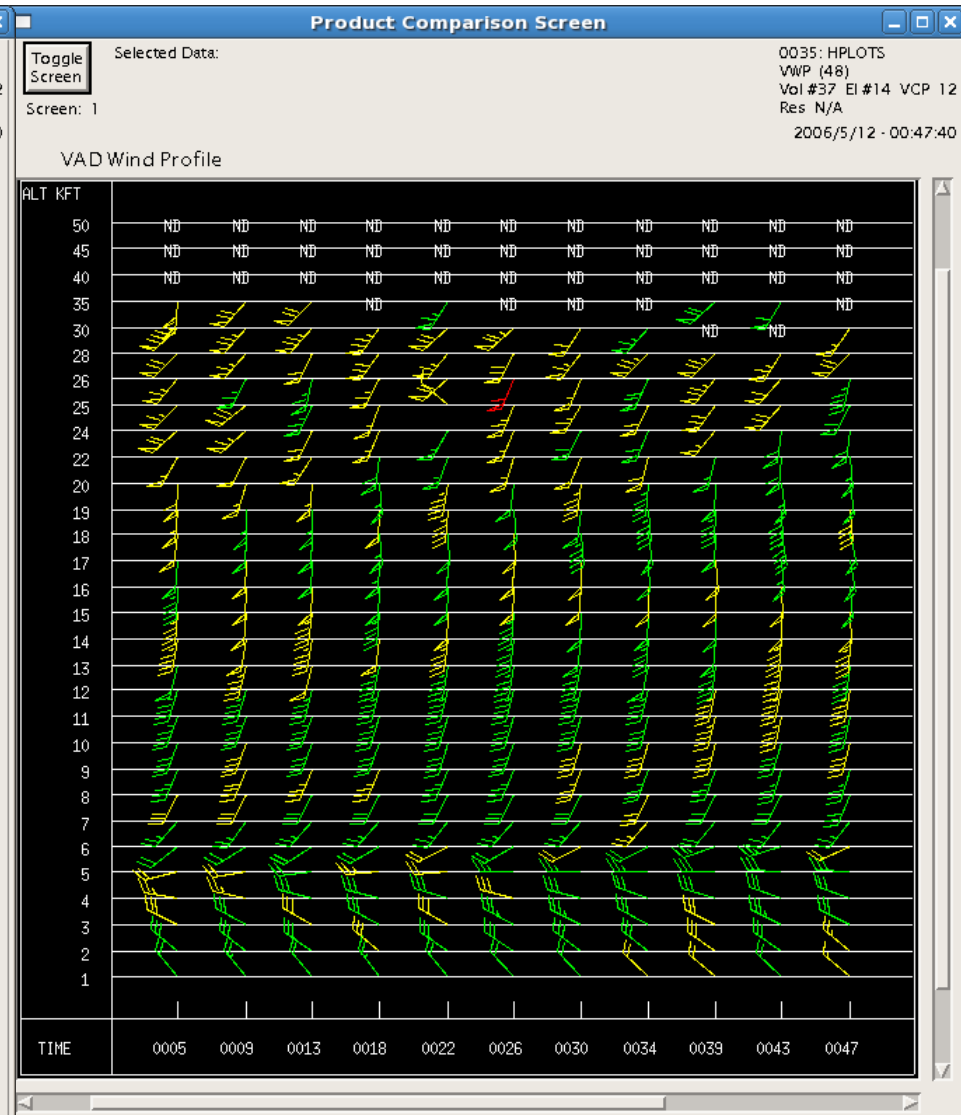
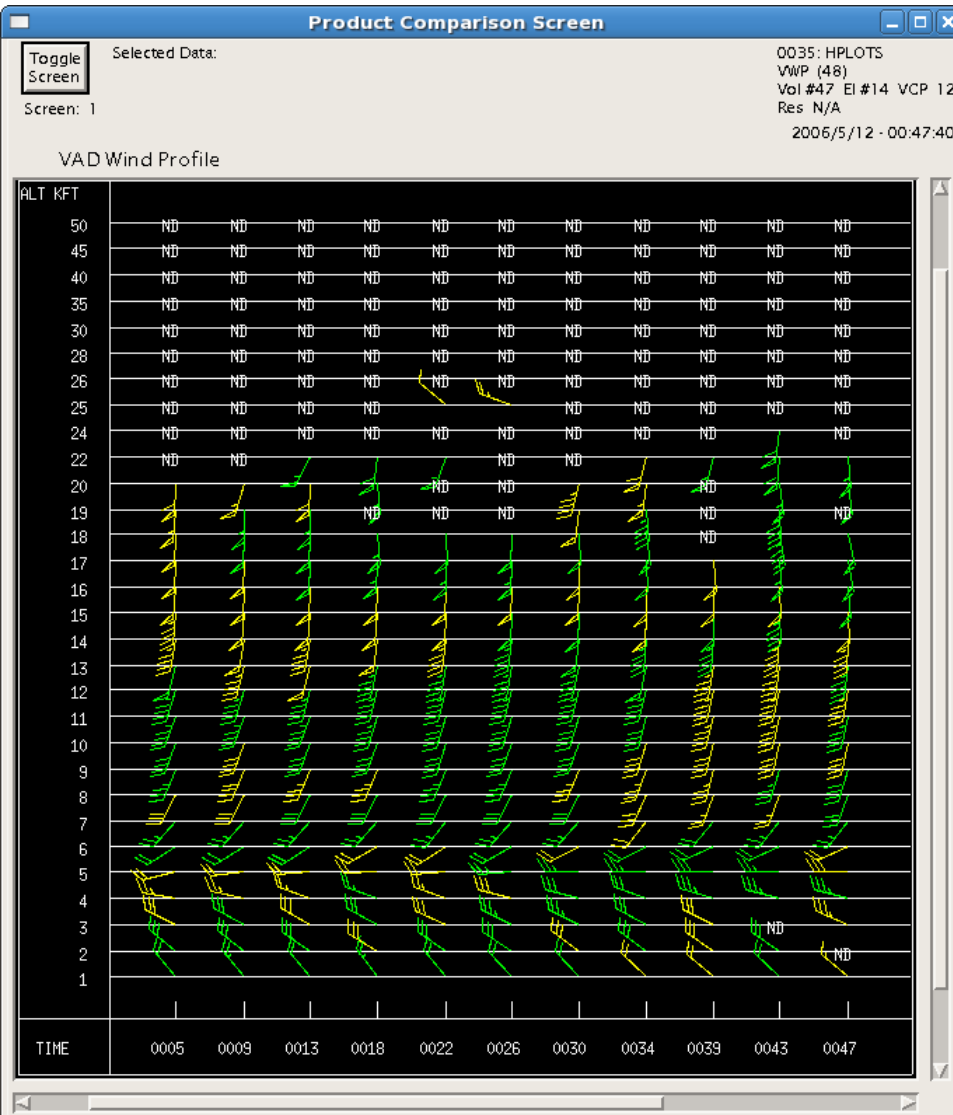


KLWX May 12, 2006 00:05Z – 00:47Z

EVWP Provided 32% More Wind Estimates than VWP

VWP Total Wind Estimates - 219

EVWP Total Wind Estimates - 290

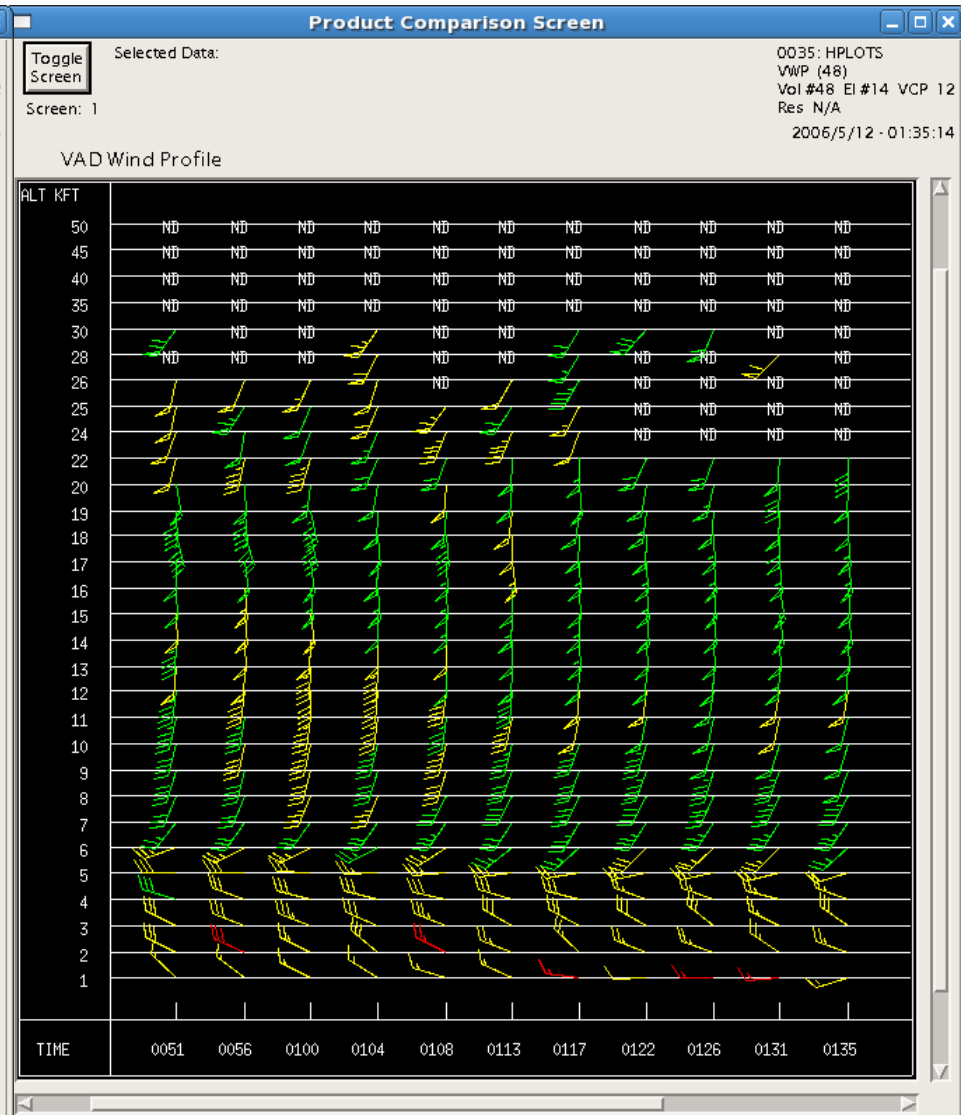
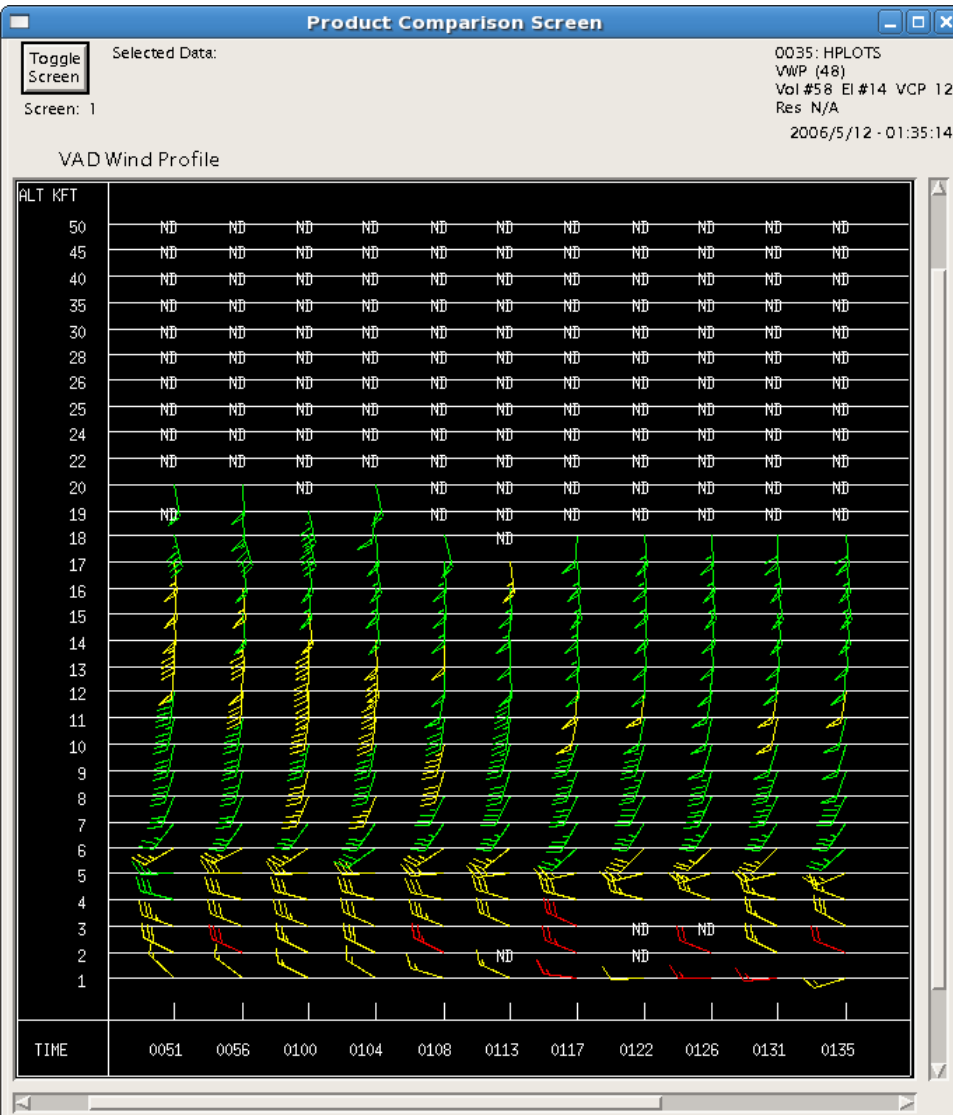


KLWX May 12, 2006 00:51Z – 01:35Z

EVWP Provided 30% More Wind Estimates than VWP

VWP Total Wind Estimates - 199

EVWP Total Wind Estimates - 259

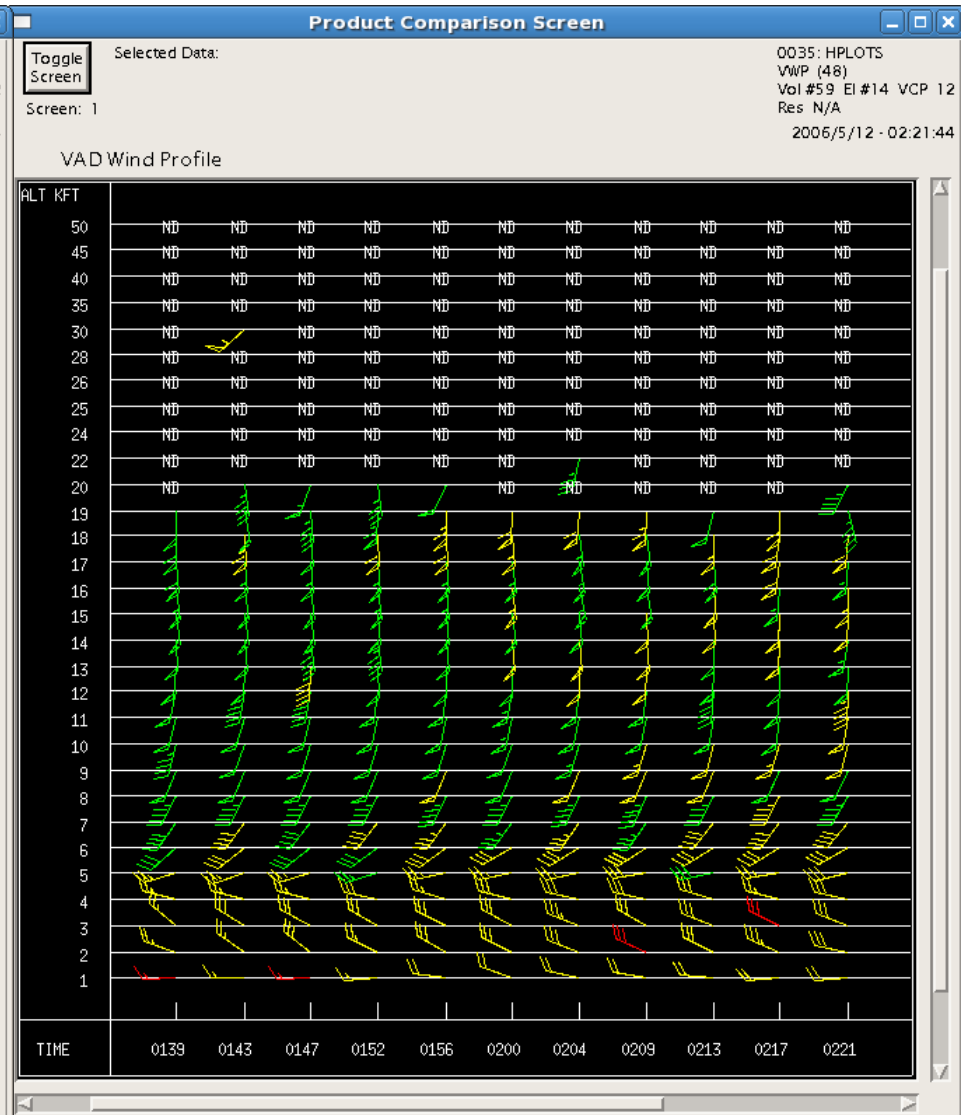
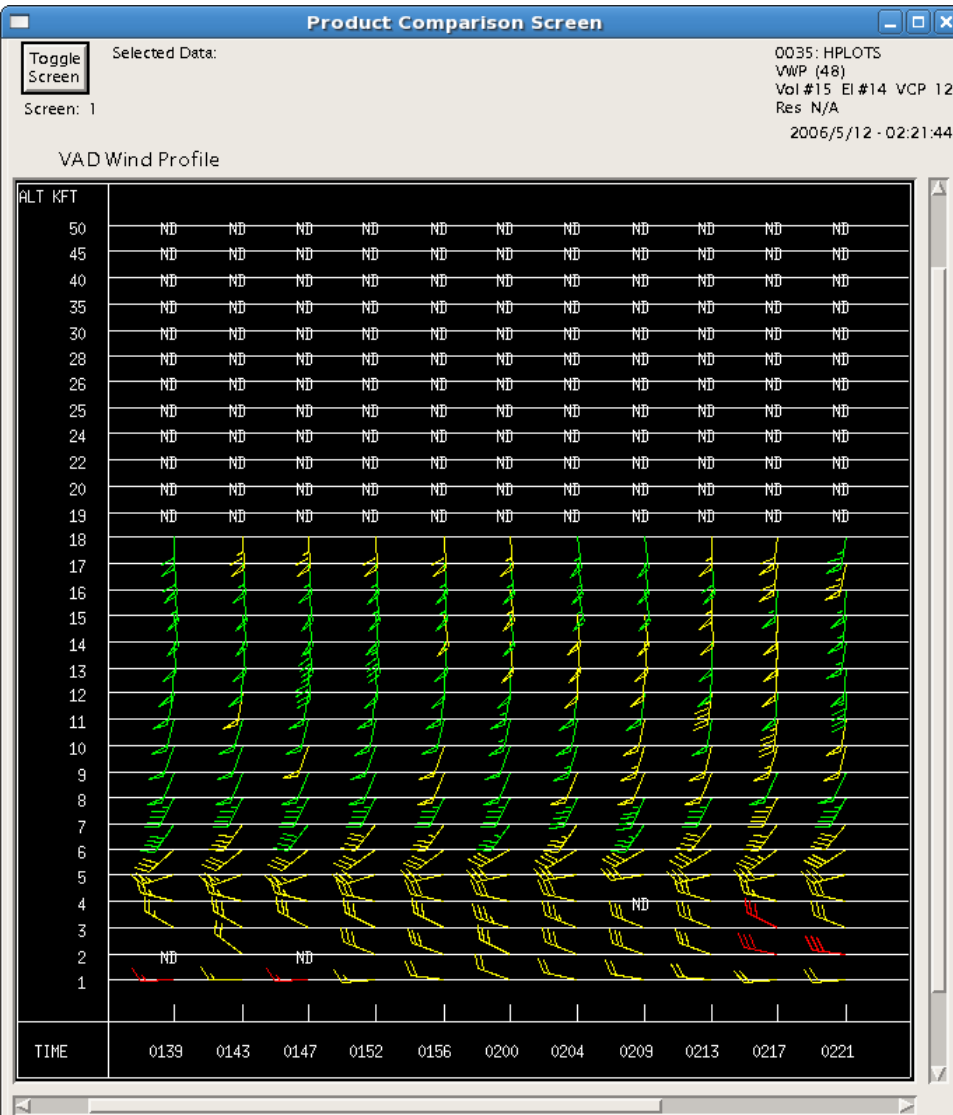


KLWX May 12, 2006 01:39Z – 02:21Z

EVWP Provided 11% More Wind Estimates than VWP

VWP Total Wind Estimates - 195

EVWP Total Wind Estimates - 216

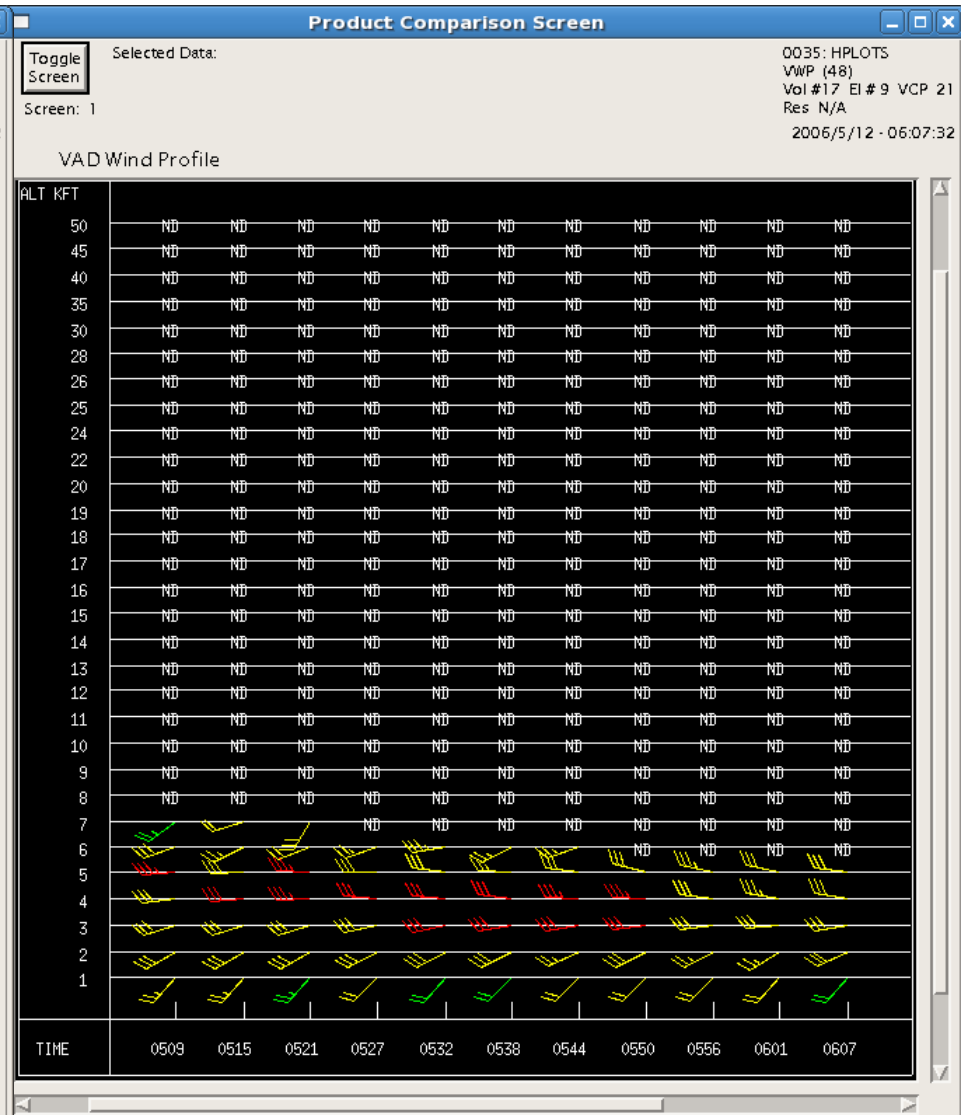
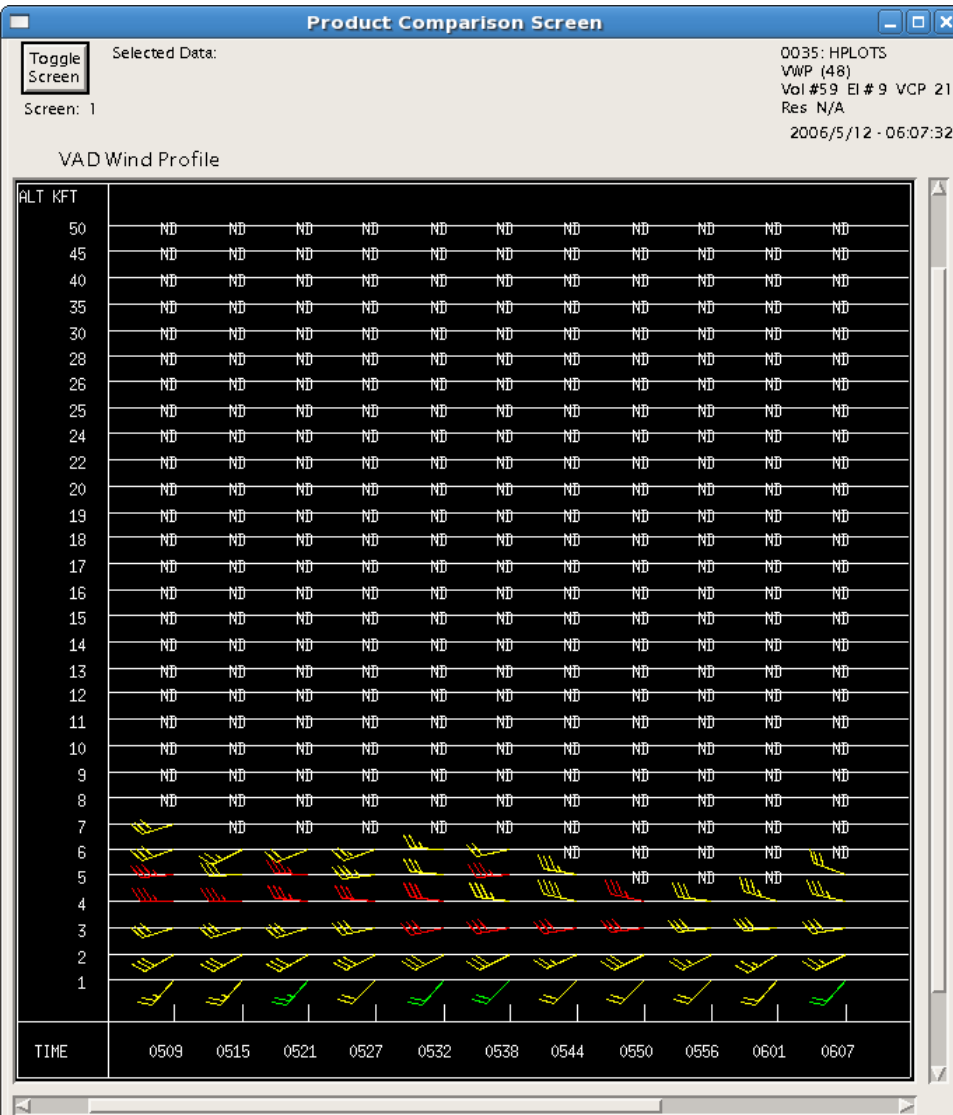


KLWX May 12, 2006 05:09Z – 06:07Z

EVWP Provided 10% More Wind Estimates than VWP

VWP Total Wind Estimates - 59

EVWP Total Wind Estimates - 65



Sterling VA (KLWX)

May 11 16:03Z through May 12 06:07Z, 2006

Severe Storms / Squall Line
Convective Event

VWP – EVWP Comparison Event Summary

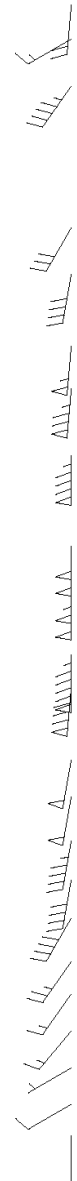
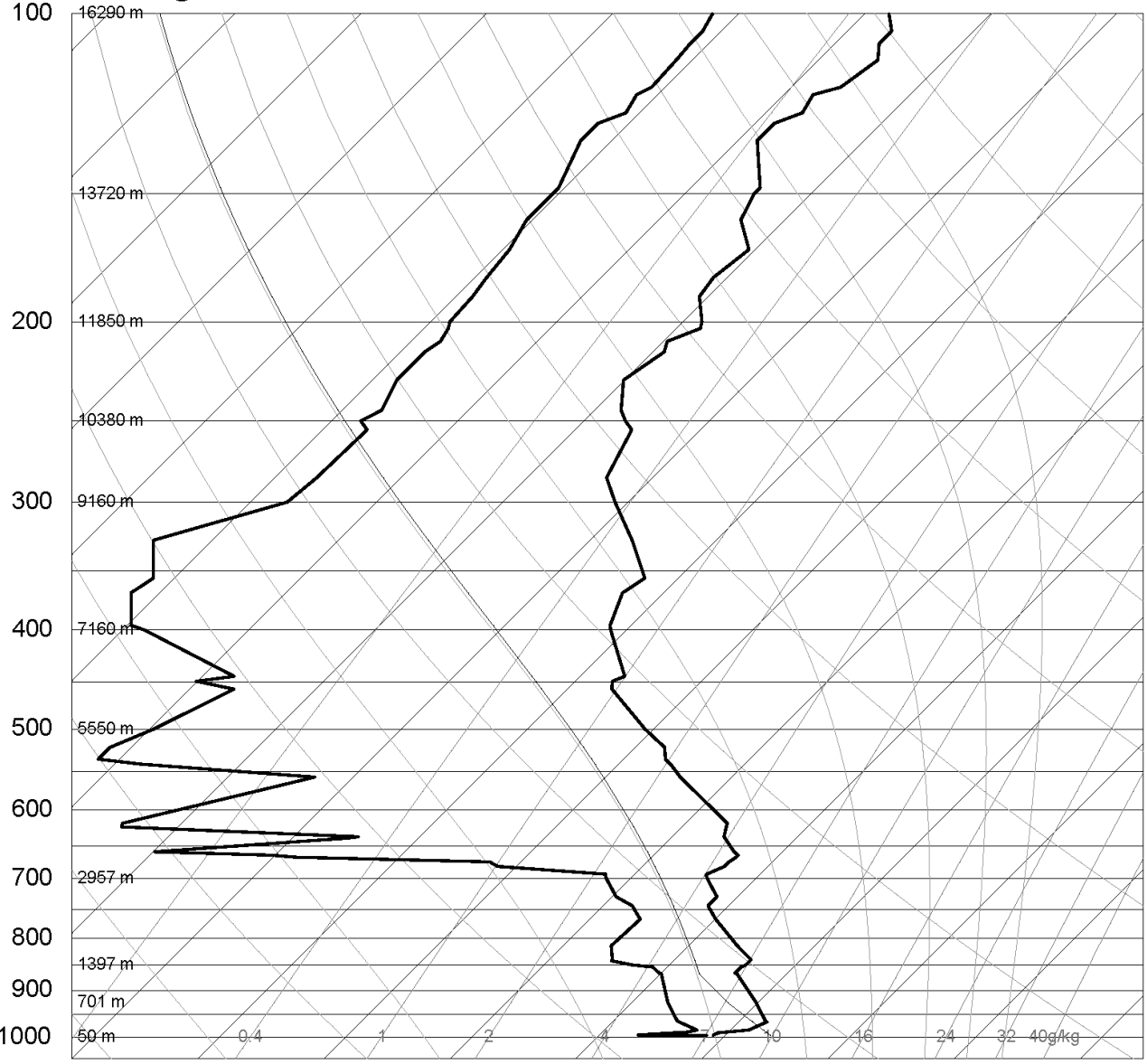
Total Number of Volume Scans.....175

VWP Total Number of Wind Estimates.....2866

EVWP Total Number of Wind Estimates.....3419

EVWP Provided 19.3% More Wind Estimates than VWP

72403 IAD Sterling



- SLAT 38.98
- SLON -77.46
- SELV 93.00
- SHOW 6.04
- LIFT 5.86
- LFTV 5.73
- SWET 73.99
- KINX 15.70
- CTOT 17.70
- VTOT 26.70
- TOTL 44.40
- CAPE 0.00
- CAPV 0.00
- CINS 0.00
- CINV 0.00
- EQLV -9999
- EQTV -9999
- LFCT -9999
- LFCV -9999
- BRCH 0.00
- BRCV 0.00
- LCLT 277.0
- LCLP 883.2
- MLTH 287.0
- MLMR 5.78
- THCK 5500.
- PWAT 12.82

12Z 12 May 2006

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