

10 April 2007

The following is a list of NOAA AVHRR enhanced-V cases. For each case, the time/day of overpass and location of enhanced-V feature(s) on overpass (state description) is included. The data is Level 1B from CLASS archive server, 1 km Visible and InfraRed (All Bands included), unless otherwise noted. Note that for the data not on CLASS server, the data is AREA file format that was collected from the NOAA FLYOVER server from University of Wisconsin-Madison SSEC. However, only certain band(s) were collected (not all bands at time of collection), and this data is not archived.

The files are located at ftp://ftp.ssec.wisc.edu/pub/ssec/jasonb/AVHRR_EV_CASES/

2003

Case 1: 1 May 2003 2052 UTC – Enhanced-V over Texas.

File Name – NSS.HRPT.NL.D03121.S2048.E2101.B1343636.MO.L3152653

Case 2: 4 May 2003 2016 UTC – Enhanced-V over eastern Nebraska.

File Name – NSS.HRPT.NL.D03124.S2016.E2027.B1347878.MO.L3250353

Case 3: 4 May 2003 2308 UTC – Enhanced-V over southwest Missouri and eastern Oklahoma.

File Name – No data on CLASS server, NOAA-12 data (only have Band 4)
AREA1012

Case 4: 5 May 2003 0323 UTC – Enhanced-V over western Kentucky and western Tennessee.

File Name – NSS.HRPT.NM.D03125.S0320.E0333.B0447272.WI.L3250363

Case 5: 6 May 2003 2218 UTC – Enhanced-V over Missouri, northeast/eastern Oklahoma.

File Name – No data on CLASS server, NOAA-12 data (only have Band 4)
AREA1021

Case 6: 7 May 2003 0028 UTC – Enhanced-V over eastern Missouri.

File Name – NSS.HRPT.NK.D03127.S0027.E0038.B2588383.WI.L3250373

Case 7: 7 May 2003 0417 UTC – Enhanced-V over northeast Texas.

File Name – NSS.HRPT.NM.D03127.S0416.E0426.B0450101.WI.L3250383

Case 8: 9 June 2003 2333 UTC – Enhanced-V's over southeast South Dakota and northeast Nebraska.

File Name – No data on CLASS server, NOAA-12 data (only have Band 4)
AREA1089

Case 9: 9 May 2003 2102 UTC – Enhanced-V over southwest Texas.

File Name – NSS.HRPT.NL.D03129.S2059.E2111.B1354949.MO.L3250393

Case 10: 10 May 2003 2221 UTC – Enhanced-V over northern Arkansas and northeast Missouri.

File Name – No data on CLASS server, NOAA-12 data (only have Band 4)
AREA1034

Case 11: 14 May 2003 0838 UTC – Enhanced-V over Oklahoma and southern Kansas.

File Name – NSS.HRPT.NL.D03134.S0835.E0848.B1361212.WI.L3250403

Case 12: 14 May 2003 1102 UTC – Enhanced-V over Oklahoma and southern Kansas.

File Name – No data on CLASS server, NOAA-12 data (only have Band 4)
AREA1047

Case 13: 22 June 2003 2316 UTC - Enhanced-V over southeast Nebraska.

File Name – No data on CLASS server, NOAA-12 data (have Bands 1, 4, and 5)
AREA1134-1136

Case 14: 23 June 2003 0025 UTC – Enhanced-V over southeast Nebraska.

File Name – NSS.HRPT.NK.D03174.S0023.E0035.B2655252.WI.L3250413

Case 15: 24 May 2003 2322 UTC – Enhanced-V over Texas/Oklahoma.

File Name – No data on CLASS server, NOAA-12 data (only have Band 4)
AREA1102

2004

Case 16: 1 July 2004 1859 UTC – Enhanced-V over eastern Pennsylvania.

File Name – NSS.HRPT.NL.D04183.S1857.E1911.B1946161.WI.L3250543

Case 17: 4 June 2004 2048 UTC – Enhanced-V over North Dakota.

File Name – NSS.HRPT.NL.D04156.S2048.E2100.B1908181.MO.L3250523

Case 18: 8 May 2004 2324 UTC – Enhanced-V's over southwest Wisconsin, Iowa, and eastern Nebraska.

File Name – NSS.HRPT.NK.D04129.S2321.E2334.B3112121.WI.L3250423

Case 19: 9 May 2004 2044 UTC – Enhanced-V over south Texas.

File Name – NSS.HRPT.NL.D04130.S2043.E2055.B1871414.MO.L3250433 and
NSS.LHRR.NL.D04130.S2039.E2046.B1871414.GC.L3250443 (2 files total)

Case 20: 9 May 2004 2343 UTC – Enhanced-V over west Texas/Eastern New Mexico.

File Name – No data on CLASS server, NOAA-12 data (only have Band 4)
AREA1725

Case 21: 10 May 2004 0042 UTC – Numerous enhanced-V's over Nebraska, South Dakota, Iowa, Kansas, eastern New Mexico, and West Texas.

File Name – No data on CLASS server, NOAA-15 data (only have Band 4)
AREA1727

Case 22: 10 May 2004 2317 UTC – Enhanced-V over eastern Wyoming and northeast Colorado.

File Name – No data on CLASS server, NOAA-12 data (only have Band 4)
AREA1789

Case 23: 13 May 2004 0111 UTC – Enhanced-V over Oklahoma.

File Name – No data on CLASS server, NOAA-15 data (only have Band 4)
AREA1856

Case 24: 15 May 2004 2254 UTC – Enhanced-V over southeast New Mexico and southwest Texas.

File Name – No data on CLASS server, NOAA-12 data (only have Band 4)
AREA1913

Case 25: 17 May 2004 2311 UTC – Enhanced-V over southern Maryland.

File Name – NSS.HRPT.NK.D04138.S2309.E2322.B3124949.WI.L3250453

Case 26: 18 June 2004 2354 UTC – Enhanced-V over southern Illinois.

File Name – NSS.HRPT.NK.D04170.S2353.E0005.B3170505.WI.L3250533

Case 27: 18 May 2004 1307 UTC – Enhanced-V over southeast Kansas.

File Name – NSS.HRPT.NK.D04139.S1306.E1317.B3125757.WI.L3250463

Case 28: 21 May 2004 0237 UTC – Enhanced-V's over Pennsylvania.

File Name - NSS.HRPT.NM.D04142.S0232.E0246.B0990606.WI.L3250473

Case 29: 23 May 2004 0032 UTC – Enhanced-V's over Iowa and Nebraska.

File Name – NSS.HRPT.NK.D04144.S0032.E0042.B3132121.WI.L3250483

Case 30: 24 May 2004 0008 UTC – Enhanced-V's over Missouri and Illinois.

File Name – NSS.HRPT.NK.D04145.S0008.E0019.B3133535.WI.L3250493

Case 31: 25 May 2004 0424 UTC – Enhanced-V over Oklahoma.

File Name – NSS.HRPT.NM.D04146.S0424.E0434.B0996464.WI.L3250503

Case 32: 25 May 2004 1919 UTC – Enhanced-V over Missouri and Illinois.

File Name – NSS.HRPT.NL.D04146.S1918.E1932.B1893939.WI.L3250513