

## **10 April 2007**

**The following is a list of MODIS enhanced-V cases.** For each case, either AQUA or TERRA is indicated as well as the time/day of overpass and location of enhanced-V feature(s) on overpass in latlon and state description. The data is Level 1B, 1 km Visible and InfraRed (All Bands included).

The files are located at [ftp://ftp.ssec.wisc.edu/pub/ssec/jasonb/MODIS\\_EV\\_CASES/](ftp://ftp.ssec.wisc.edu/pub/ssec/jasonb/MODIS_EV_CASES/)

Case 1: MODIS AQUA – 4 May 2003 1912 UTC – Enhanced-V over northeast Kansas/eastern Nebraska (latlon= 41 97).

File Name -- MYD021KM.A2003124.1915.005.2006155043937.hdf

Case 2: MODIS TERRA – 11 May 2003 0404 UTC – Enhanced-V over northeast Illinois (latlon= 42 88) and enhanced-V's over southeast Missouri and northeast Arkansas (latlon= 36 90).

File Name -- MOD021KM.A2003131.0405.005.2006351024837.hdf

Case 3: MODIS AQUA – 24 May 2003 2028 UTC – Enhanced-V over southwest Texas and western Texas (latlon= 31 103).

File Name -- MYD021KM.A2003144.2030.005.2006156152848.hdf

Case 4: MODIS AQUA – 13 June 2003 2002 UTC – Enhanced-V's over southwest Texas (latlon= 31.5 102) and Mexico border (latlon= 29 102).

File Name -- MYD021KM.A2003164.2005.005.2006158134304.hdf

Case 5: MODIS AQUA – 23 June 2003 0753 UTC – Enhanced-V over south-central Minnesota (latlon= 44 94) and enhanced-V over southeast Nebraska (latlon= 40.5 99).

File Name -- MYD021KM.A2003174.0800.005.2006159005937.hdf

Case 6: MODIS TERRA – 21 May 2004 0315 UTC – Enhanced-V over Michigan (latlon= 42.5 85) and enhanced-V over northwest Pennsylvania/southwest New York State (latlon= 42 80).

File Name -- MOD021KM.A2004142.0320.005.2007018080127.hdf

Case 7: MODIS TERRA – 5 May 2004 0453 UTC – Enhanced-V over southeast Montana (latlon= 46 104.5).

File Name -- MOD021KM.A2004126.0500.005.2007016171136.hdf

Case 8: MODIS AQUA – 7 May 2004 0711 UTC – Enhanced-V over eastern Pennsylvania (latlon= 41 76).

File Name -- MYD021KM.A2004128.0715.005.2007057234912.hdf

Case 9: MODIS AQUA – 9 May 2004 0837 UTC – Enhanced-V over southeast Nebraska (latlon= 40 98).

File Name -- MYD021KM.A2004130.0845.005.2007058002216.hdf

Case 10: MODIS AQUA – 9 May 2004 1944 UTC – Enhanced-V over central Minnesota (latlon= 45 95).

File Name -- MYD021KM.A2004130.1950.005.2007058001130.hdf

Case 11: MODIS TERRA – 11 May 2004 0416 UTC – Enhanced-V over northwest Kansas (latlon= 40 101).

File Name -- MOD021KM.A2004132.0420.005.2007017082110.hdf

Case 12: MODIS TERRA – 13 May 2004 1740 UTC – Enhanced-V over north-central Texas (latlon= 34 99).

File Name -- MOD021KM.A2004134.1750.005.2007017144754.hdf

Case 13: MODIS TERRA – 14 May 2004 0447 UTC – Enhanced-V over south Texas (latlon= 27.5 97.5).

File Name -- MOD021KM.A2004135.0450.005.2007017175533.hdf

Case 14: MODIS AQUA – 22 May 2004 0630 UTC – Enhanced-V over eastern Virginia (latlon= 37 76).

File Name -- MYD021KM.A2004143.0635.005.2007058003832.hdf

Case 15: MODIS TERRA – 24 May 2004 1722 UTC – Enhanced-V over eastern Nebraska (latlon= 42.5 97).

File Name -- MOD021KM.A2004145.1725.005.2007018110206.hdf

Case 16: MODIS AQUA – 3 June 2004 1938 UTC – Enhanced-V over extreme south-central Colorado (latlon= 37 105).

File Name -- MYD021KM.A2004155.1940.005.2006183025637.hdf

Case 17: MODIS AQUA – 26 June 2004 1944 UTC – Enhanced-V over central Colorado (latlon= 39 105) and enhanced-V over southwest Kansas.

File Name -- MYD021KM.A2004178.1950.005.2006185021437.hdf

Case 18: MODIS TERRA – 7 April 2006 1702 UTC – Numerous enhanced-V's over western Tennessee and western Kentucky (latlon= 36 88).

File Name -- MOD021KM.A2006097.1710.005.2006242154127.hdf

Case 19: MODIS AQUA – 7 April 2006 1842 UTC – Numerous enhanced-V's over western Tennessee and western Kentucky (latlon= 36 88).

File Name -- MYD021KM.A2006097.1845.005.2007058002838.hdf