



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety

Washington, D.C. 20594

Weather Data

Excerpt from Weather Study Conducted by United Airlines for UAL Flight 128

November 7, 2015

DCA16CA021

UAL #128 GIG-IAH 06Nov2015 Turbulence on Descent

Composite Reflectivity from HGX NEXRAD site:

Valid 07/1057z

- The composite reflectivity displays the stronger echo return at all levels within the vertical column.
- In this single site composite reflectivity image we see a strong single cell popping out of the green levels just below the 'a' of 'Beaumont'. This was very near the position where it is estimated that UAL 128 was at the time severe turbulence was encountered.
- Note the difference from the Fusion Replay imagery on the previous slide which uses base reflectivity information where the pixels in this area were only painted in shades of green.
- This indicates that the strong echo was further aloft and potentially at the height of UAL 128 at this time.

