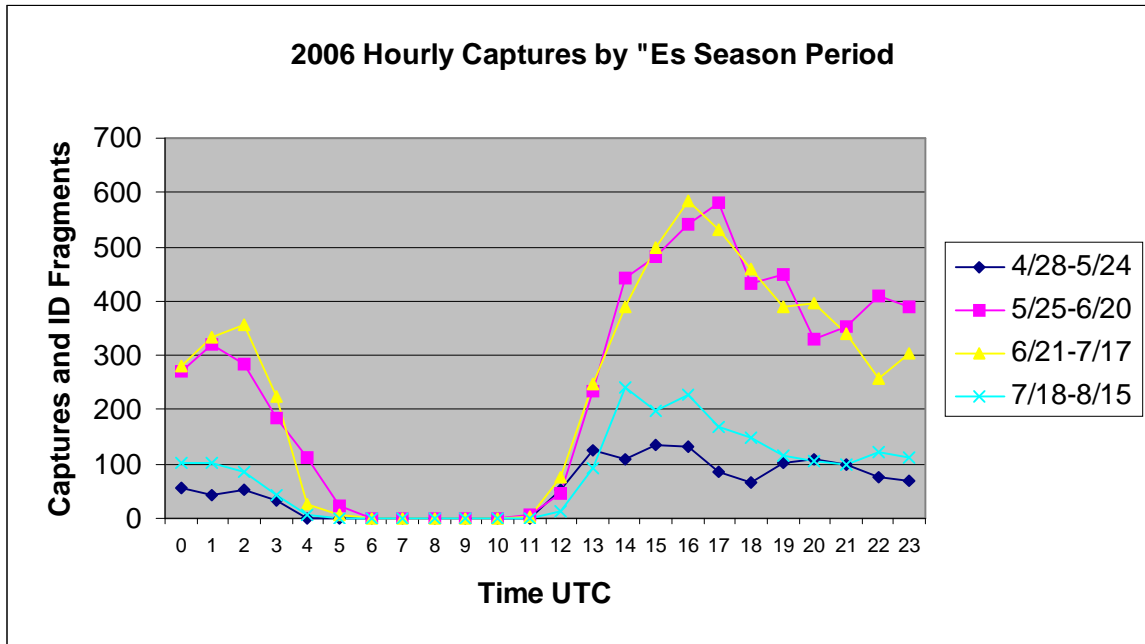


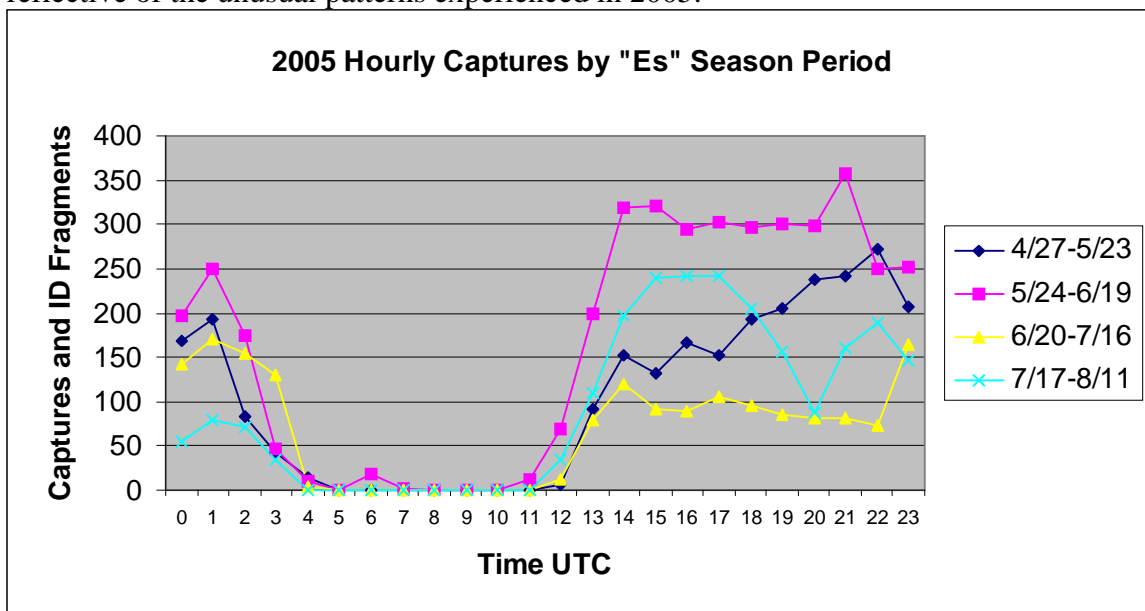
More Comparisons between 2006 and 2005

The purpose of these charts was to determine any commonality between specific times within an Es season. These charts contain the actual number of captures and ID fragments broke down into 4 equal segments during the measurement period (8 weeks each side of the summer solstice).

2006 figures to be more in line to what was (your author's opinion) expected in a typical Spring Summer Es season. Both four week segments each side of the summer solstice was very close in their patterns. The beginning and end periods were reasonably close and followed expected results.

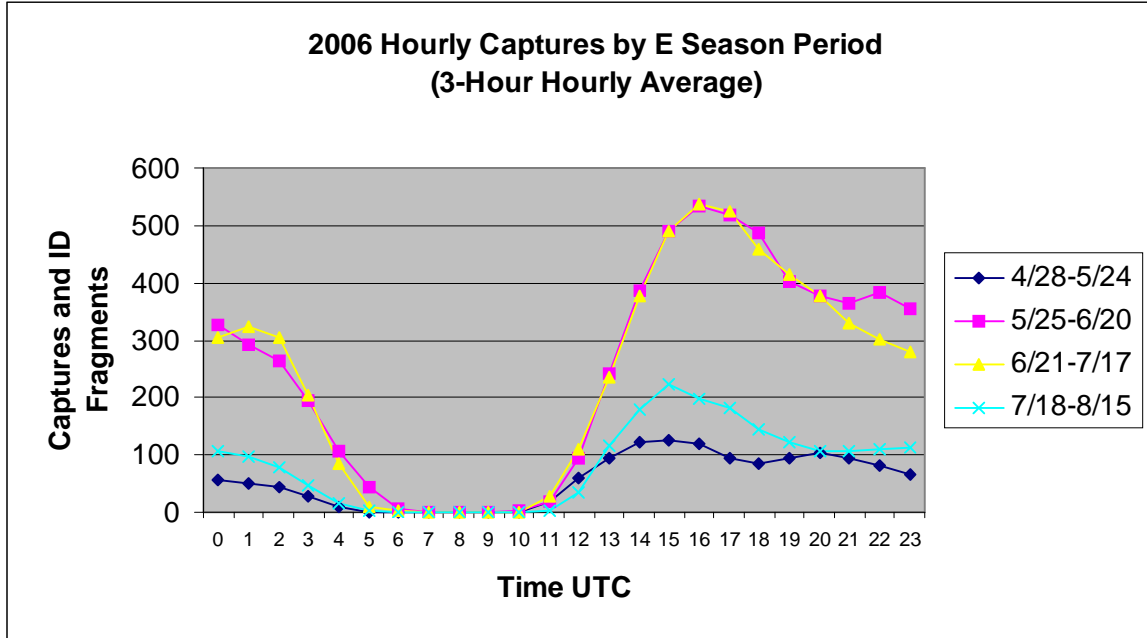


For 2005, other than the evening period (00-05 UTC), this chart shows no real similar patterns. Each quartile during the morning and afternoons were quite different from each other. This was reflective of the unusual patterns experienced in 2005.

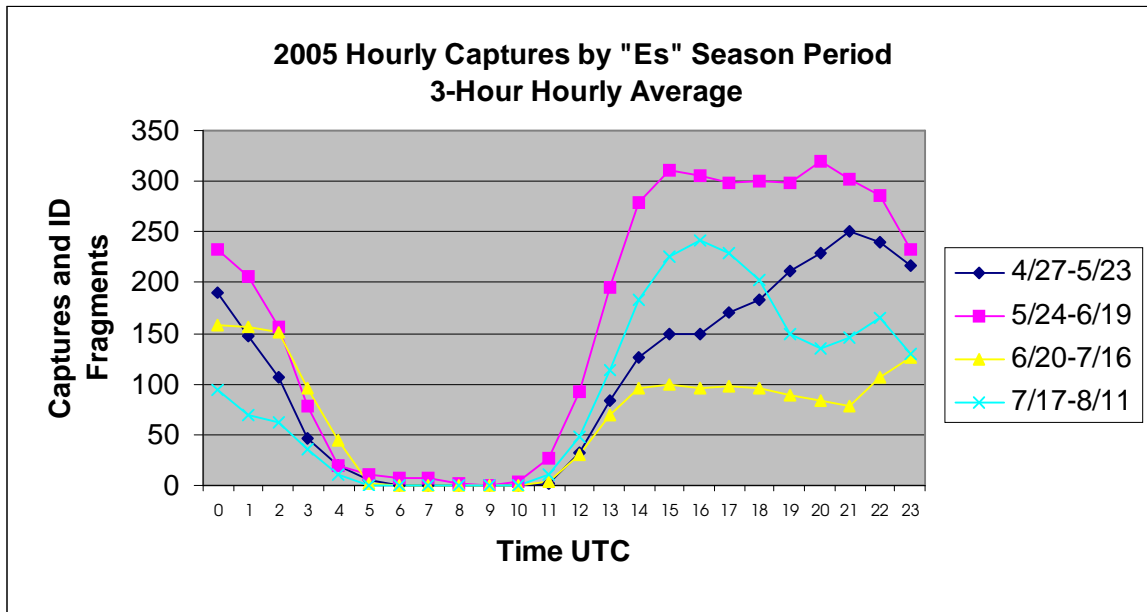


These charts use the same data as those above, but are the average captures and ID fragments of the measured hour and each one before and after it. The result is a chart with smoother trend lines.

Once again, it was rather interesting to see how close the middle two quartiles were in 2006 in the patterns experienced. From 1100 to 2000 UTC there was little difference.

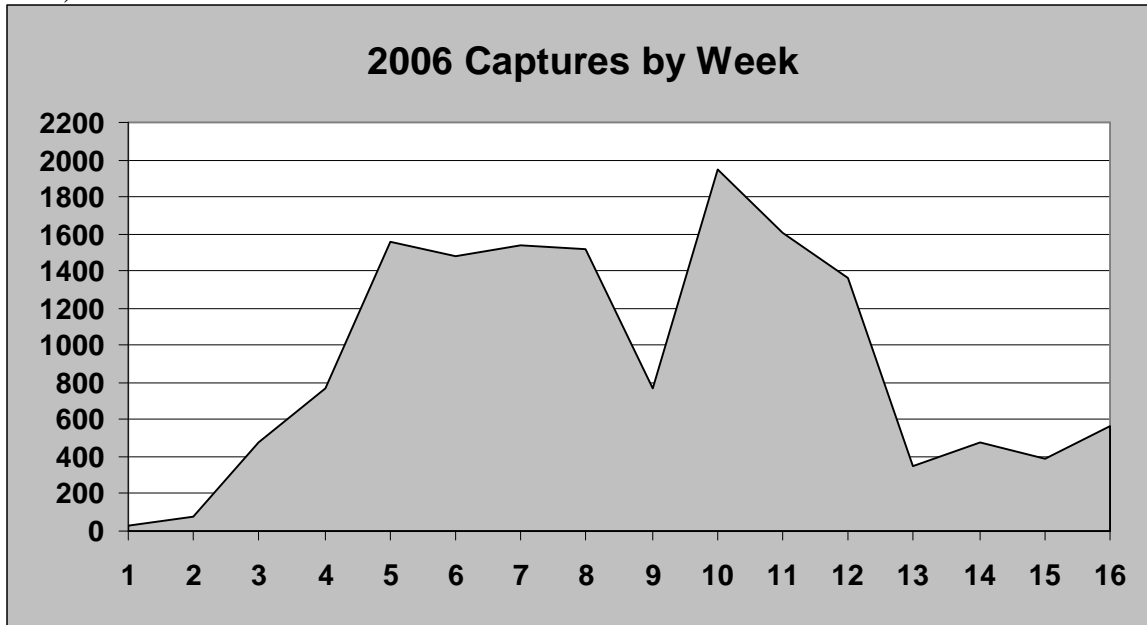


Once again it was difficult to determine much in 2005.

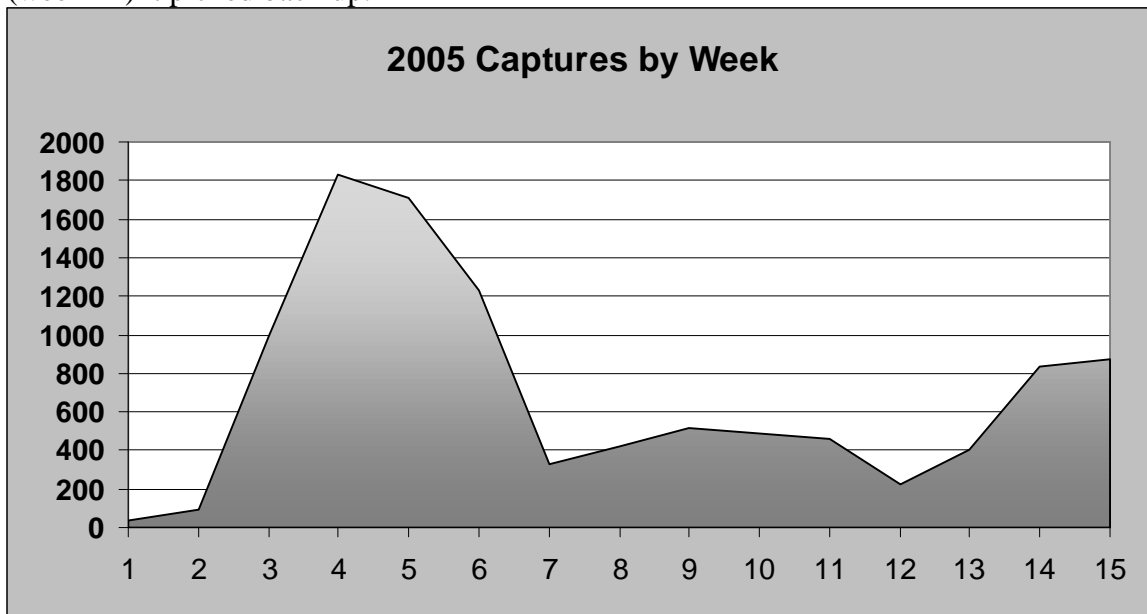


These charts include the actual total number of captures and ID partials for 7 day (1 week) periods beginning on April 27 each year and ending about August 16. 2005 data was a week short. It was a bad opinion on my part.

As confirmed by the daily charts from 2006, these weekly totals followed what would be expected in a typical spring/summer E season. Around July 4 activity dropped, but quickly rebounded. Like 2005, a slight increase of activity occurred during the latter weeks (14, 15, &16).

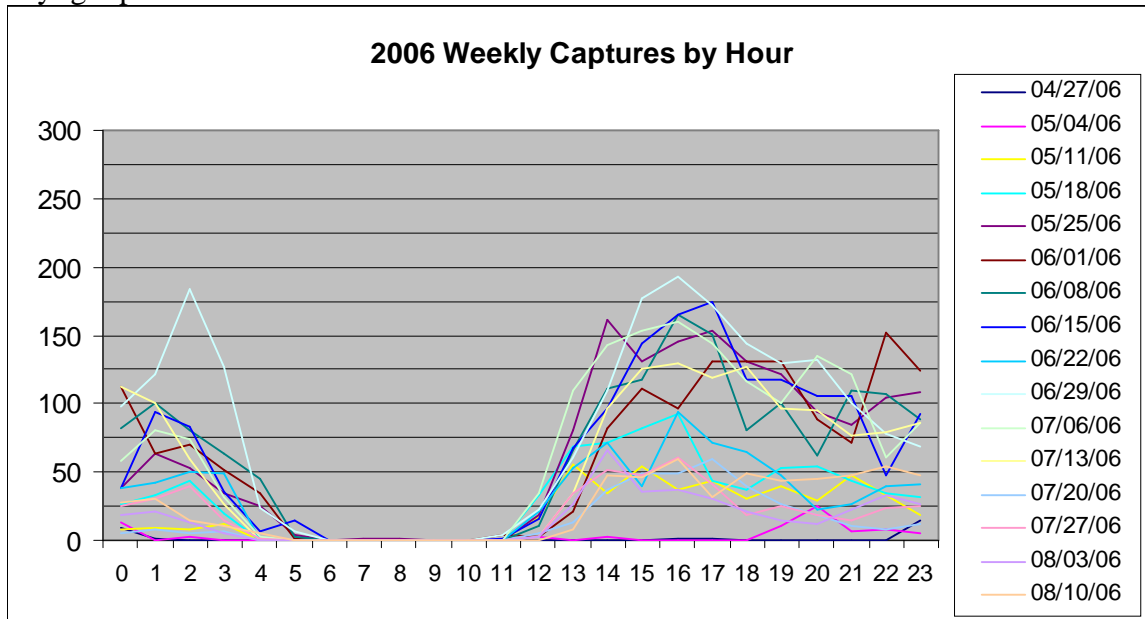


As shown in the daily and daily running average chart, in 2005 there was an unexpected and surprising drop in activity into the seventh week of the season. As it moved later into the season (week 12) it picked back up.

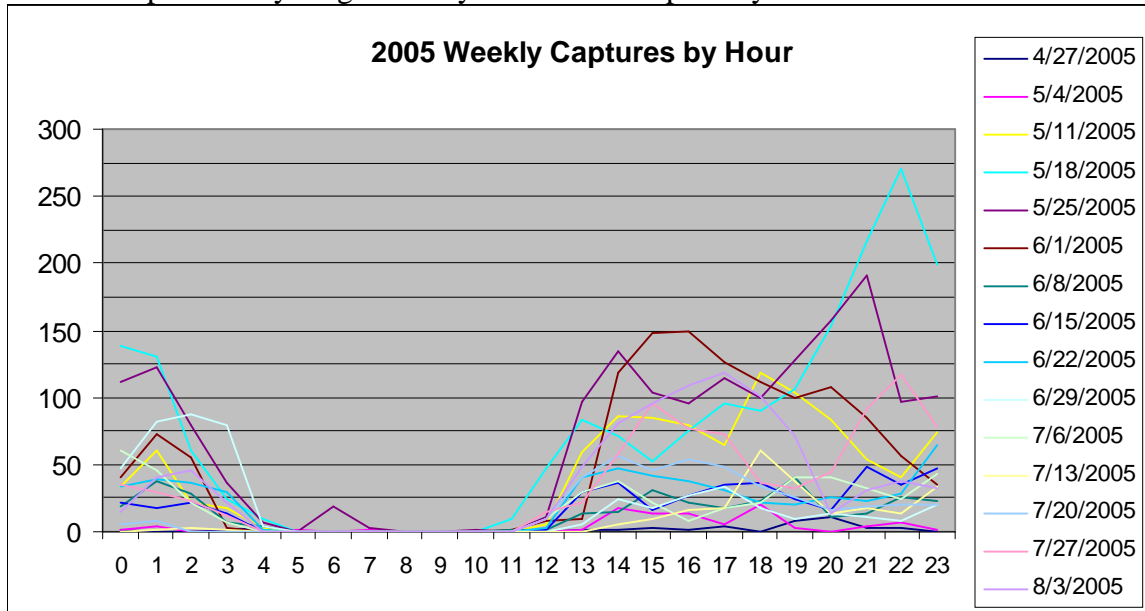


The attempt with the following charts was to determine if in a typical week during the season would have similar activity of another week or possibly several weeks.

2006 seemed to show closer relationships for both high activity and low activity weeks during daylight periods.



On the other hand, it was difficult to determine any patterns in 2005. Each week seemed to show a different personality. High activity weeks were especially different from each other.



In 2007 all of this data will be merged to see if in a longer measurement period a true pattern could occur to measure when statistically Es are best workable.