

S2 Table. Summary of stranded turtles with date, duration of the event, and mean water temperature of the initial two consecutive cold days of the events in the environmental parameter analysis.

| Combined Number of Turtles Recorded Per Event | Start Date | Duration of Event (Number of Days) | Consecutive 2-Day Mean Water Temperature (°C) |
|---|------------|------------------------------------|---|
| 1168 | 2/1/2011 | 8 | 5.8 |
| 292 | 1/3/2015 | 17 | NA |
| 240 | 12/5/2013 | 13 | 8.6 |
| 239 | 1/6/2010 | 12 | 6.4 |
| 229 | 2/6/2014 | 9 | 8.4 |
| 199 | 2/10/2011 | 8 | 8.5 |
| 198 | 1/6/2014 | 12 | 7.0 |
| 181 | 1/22/2014 | 13 | 10.5 |
| 146 | 1/17/2007 | 21 | 6.8 |
| 145 | 11/13/2014 | 13 | 9.9 |
| 58 | 1/13/1997 | 11 | 2.5 |
| 50 | 12/25/2005 | 9 | 5.8 |
| 48 | 11/25/2013 | 6 | 11.1 |
| 44 | 2/4/1996 | 4 | 4.0 |
| 15 | 12/28/2001 | 9 | 8.4 |
| 14 | 12/26/1999 | 14 | NA |
| 13 | 1/15/2013 | 8 | 11.2 |
| 13 | 12/28/2014 | 7 | 11.1 |
| 12 | 12/14/2000 | 9 | 8.4 |
| 10 | 1/12/2011 | 3 | 9.7 |
| 7 | 1/5/2013 | 3 | 11.5 |
| 5 | 12/26/2012 | 5 | 15.3 |
| 4 | 1/2/2002 | 5 | 7.1 |
| 4 | 12/5/2009 | 3 | 9.3 |
| 4 | 12/4/2000 | 5 | 9.2 |
| 4 | 2/24/2015 | 3 | 11.2 |
| 3 | 1/19/1996 | 1 | 8.3 |
| 3 | 3/6/2015 | 1 | NA |
| 2 | 12/23/2013 | 2 | 14.7 |
| 2 | 2/23/2014 | 2 | 19.5 |
| 2 | 1/25/2015 | 2 | 12.3 |
| 2 | 12/26/1995 | 2 | 7.7 |
| 24 | NA | 1 ¹ | NA |

¹1 Day events with 1 stranded turtle recorded from 1996 through 2014