Supplemental Tables

Tables are designed to supplement text in Jones, C., and Lenart, M. (2014). Forestry Professionals and Extension Educators vs. Climate Change: Implications for Cooperative Extension Programming. *Journal of Extension* [On-line]. Accepted.

Analysis of Variance tests were used to determine which means are significantly different from all others ($\alpha = 0.05$), with Tukey HSD applied to address multiple comparisons. Green shading indicates greater confidence or willingness, red shading indicates lack of confidence or willingness, and yellow indicates a slight confidence or willingness to learn more. The Roman numerals represent statistical subsets; if a category does not include the same numeral as a different category, that means the populations measured responses that were statistically significantly different from each other (alpha = 0.05). See table legend below for an explanation of the color coding. Questions are shown as they were described in the survey, including the bold formatting.

Table Legend.

Row/ Overall Mean	**Question**	**Professional Category**	**Professional Category**	**Professional Category**	**Professional Category**	**Professional Category**
1 2.00 *(.01-3.00)* *n = 576*	**Group Mean** *(Mean interval: lower-upper bound)* *n = # of respondents* *I, II, etc: Statistical subset*	.99 Red: *(.01-.99)* *n= 124* *I*	1.49 Yellow: *(1.00-1.49)* *n=74* *I,II*	1.99 Chartreuse: *(1.50-1.99)* *n=78* *II, III*	2.99 Light Green: *(2.00-2.49)* *n=38* *III, IV*	3.99 Dark Green: *(2.50-3.99)* n= 87 *IV*

Supplemental Table 3. Confidence in Climate Records.

Listed below are responses to questions regarding the amount of confidence the respondent has in various climate records. Responses range from:

- 0 = "not at all confident"
- 1 = "slightly confident"
- 2 = "confident"
- 3 = "very confident"
- 4 = "extremely confident"

Row/ Overall Mean	Question	LM – Private company Mean	LM – Small Private Land-owner Mean	LM – Fed. agency Mean	LM - State Agency Mean	Extension Educator Mean	Researcher Mean
28 2.57 *(2.48-2.66)* *n=436*	Instrumental records of **precipitation** for the site of the weather station.	2.44 *(2.23-2.65)* *n=88* *I*	2.58 *(2.33-2.82)* *n=57* *I*	2.52 *(2.30-2.75)* *n=67* *I*	2.70 (2.34-3.06) *n=30* *I*	2.46 *(2.23-2.70)* *n=69* *I*	2.70 *(2.53-2.86)* *n=125* *I*
29 2.54 *(2.44-2.63)* *n=435*	**Instrumental records of temperature** for the site of the weather stations.	2.28 *(2.06-2.51)* *n=88* *I*	2.44 *(2.15-2.72)* *n=57* *I*	2.58 *(2.34-2.82)* *n=67* *I*	2.67 *(2.28-3.05)* *n=30* *I*	2.42 *(2.16-2.68)* *n=69* *I*	2.77 *(2.60-2.93)* *n=124* *I*
30 2.38 *(2.29-2.48)* *n=424*	Tree ring records of **fire cycles.**	2.09 *(1.89-2.30)* *n=88* *I*	2.27 *(2.04-2.51)* *n=51* *I*	2.40 *(2.15-2.65)* *n=65* *I*	2.47 *(2.07-2.87)* *n=30* *I*	2.59 *(2.39-2.79)* *n=66* *I*	2.50 *(2.31-2.69)* *n=124* *I*
31 2.12 *(2.02-2.21)* *n=407*	Sediment records using **charcoal to identify large wildfires** from the distant past.	1.80 (1.59-2.00) *n=84* *I*	2.15 *(1.90-2.41)* *n=52* *I*	2.09 *(1.86-2.32)* *n=66* *I*	2.28 *(1.84-2.72)* *n=25* *I*	2.12 *(1.85-2.38)* *n=60* *I*	2.31 *(2.12-2.49)* *n=120* *I*
32 2.11 *(2.02-2.21)* *n=420*	**Pollen records** of past species distribution.	1.76 (1.54-1.97) *n=86* *I*	1.94 *(1.67-2.21)* *n=52* *I, II*	2.11 *(1.89-2.32)* *n=66* *I, II, III*	2.28 *(1.94-2.61)* *n=29* *II, III*	2.00 *(1.77-2.23)* *n=65* *I, II, III*	2.46 *(2.29-2.63)* *n=122* *III*

Row/ Overall Mean	Question	LM – Private company Mean	LM – Small Private Land-owner Mean	LM – Fed. agency Mean	LM - State Agency Mean	Extension Educator Mean	Researcher Mean
33 2.04 *(1.93-2.15)* *n=388*	**Ice core** records of **carbon dioxide levels** (from air bubbles in the cores).	1.55 *(1.29-1.81)* *n=78* *I*	2.12 *(1.81-2.42)* *n=52* *I, II*	1.85 *(1.57-2.13)* *n=60* *I, II*	2.17 *(1.78-2.55)* *n=24* *II*	2.07 *(1.77-2.37)* *n=60* *I, II*	2.40 *(2.22-2.59)* *n=114* *II*
34 2.02 *(1.93-2.12)* *n=425*	Tree ring records of **precipitation.**	1.64 *(1.43-1.85)* *n=88* *I*	2.09 *(1.84-2.34)* *n=53* *I, II*	2.06 *(1.82-2.30)* *n=66* *I, II*	2.17 *(1.85-2.49)* *n=29* *II*	2.17 *(1.94-2.41)* *n=64* *II*	2.14 *(1.97-2.31)* *n=125* *I, II*
35 1.83 *(1.72-1.94)* *n=370*	**Ice core** records of **local temperature.**	1.43 *(1.18-1.69)* *n=76* *I*	1.93 *(1.61-2.25)* *n=44* *I, II*	1.68 *(1.42-1.94)* *n=59* *I, II*	1.91 *(1.50-2.32)* *n=23* *I, II*	1.76 *(1.48-2.05)* *n=59* *I, II*	2.17 *(1.98-2.37)* *n=109* *II*
36 1.80 *(1.68-1.92)* *n=346*	Sediment records using **oxygen isotopes** to identify long-term **temperature** changes on the planet.	1.36 *(1.11-1.61)* *n=72* *I*	2.09 *(1.77-2.41)* *n=45* *II*	1.62 *(1.30-1.94)* *n=50* *I, II*	1.90 *(1.41-2.40)* *n=21* *I, II*	1.79 *(1.46-2.12)* *n=52* *I, II*	2.06 *(1.85-2.26)* *n=106* *II*

Row/ Overall Mean	Question	LM – Private company Mean	LM – Small Private Land-owner Mean	LM – Fed. agency Mean	LM - State Agency Mean	Extension Educator Mean	Researcher Mean
37 1.57 *(1.46-1.68)* *n=401*	Tree ring records of **temperature.**	1.20 *(.97-1.44)* *n=84* *I*	1.41 *(1.08-.173)* *n=49* *I, II*	1.52 *(1.30-1.77)* *n=65* *I, II*	1.63 *(1.16-2.09)* *n=24* *I, II*	1.67 *(1.42-1.92)* *n=61* *I, II*	1.85 *(1.64-2.05)* *n=118* *II*
38 1.53 *(1.43-1.62)* *n=434*	Instrumental records of **temperature** when weather station data are extrapolated to provide continuous values across the landscape.	1.30 *(1.07-1.52)* *n=88* *I*	1.32 *(1.05-1.59)* *n=57* *I*	1.42 *(1.20-1.65)* *n=66* *I, II*	1.34 *(1.04-1.65)* *n=29* *I, II*	1.59 *(1.36-1.82)* *n=69* *I, II*	1.85 *(1.68-2.02)* *n=125* *II*
39 1.51 *(1.42-1.60)* *n=433*	Instrumental records of **precipitation** when weather station data are extrapolated to provide continuous values across the landscape.	1.28 *(1.06-1.49)* *n=87* *I*	1.35 *(1.09-1.61)* *n=57* *I*	1.44 *(1.21-1.67)* *n=66* *I*	1.31 *(1.00-1.62)* *n=29* *I*	1.66 *(1.45-1.87)* *n=68* *I*	1.75 *(1.56-1.93)* *n=126* *I*
40 1.21 *(1.10-1.33)* *n=353*	Tree ring records of **streamflow.**	.84 *(.61-1.06)* *n=74* *I*	1.10 *(.75-1.45)* *n=41* *I*	1.07 *(.79-1.36)* *n=56* *I*	1.24 *(.81-1.67)* *n=21* *I*	1.43 *(1.14-1.71)* *n=54* *I*	1.48 *(1.25-1.70)* *n=107* *I*