

An Interactive Qualifying Project Report Submitted to the Faculty of Worcester Polytechnic Institute
In partial fulfillment of the requirements for the degree of Bachelor of Science

White Mountains Project Center, Lincoln, New Hampshire

Project Sponsor(s):

Climate Change Working Group

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Appendix A - Preamble

We are a group of students from Worcester Polytechnic Institute in Massachusetts. We are working on a research project with the Appalachian Mountain Club (AMC) and the Hubbard Brook Research Foundation (HBRF).

We are conducting a survey of hikers and White Mountain Region residents, ages 18 and older, to learn about the relationship between connection to an area and climate-related topics. We believe this research can help AMC and HBRF communicate with the public more effectively.

This survey is online and should take about 5 minutes. This survey is completely voluntary, and you may withdraw from it at any time. Your responses to this survey are completely anonymous. No identifying information will appear on the survey and the final project report.

If you have any questions, you may reach out to our faculty advisor, Corey Dehner, at cdehner@wpi.edu. If you would like, we are happy to share a copy of our results at the conclusion of the study.

Appendix B - Sample Interview Questions for long form interviewees (i.e., governmental agencies and organizations):

- Do you live in the area?
 - What do you like about it here?
 - Recently moved?
 - If yes, why?
- What's your favorite season and what do you like to do in it?
 - Activities?
- Is there a favorite location that you like to visit?
- Do you generally care about climate change issues in the surrounding area?
 - o In the world?
 - One more than the other?
- Do you feel a connection to the White Mountains or the region itself?
 - Do you think this connection could impact how people view science?
- How is business? for workers / business owners
 - Is there anything hurting your business outside of your control?
- Does the business, agency or organization communicate about CC?
 - Is it active or passive communication?
 - What are the main outlets of communication?
 - Are there any restrictions on what can be shared or taught?
 - What settings are you able to communicate about CC?

Appendix C - Gantt Chart:

Objective / Goal	PQP	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Determine meaning of sense of place / attachment to place								
Look at CCWG current issues and their methods								
Examine communication strategies by other organizations, nonprofits, and Government groups								
Gain understanding of <u>local</u> residents and visitors "place attachment"								
Analysis of data								
Develop recommendation for CCWG								

Appendix D – Background Communication Section Table

Type of	Barriers of Entry	Influence /	Bias
Media		appeal	
Print Media	- Must be a writer within an organization	- considered	- Bias to covering in certain types of
	-Often costs money to read	traditional	ways
			-same thinking in organization
Primary	- Only teachers can pass along messaging	- First	- Up to teacher's discretion and beliefs
Education		introduction to	
Social Media	- Free, anyone can post	- Easy to get	-Misinformation and disinformation
		invested into	- Echo chambers
Film &	-for making, relatively high, difficult to film,	- Emotional,	- General bias during production
Documentaries	distribute	story telling	- Framing
	-for viewing, low, but usually still need to		
	buy ticket		

Appendix E – Interactions with QR Codes

In order to track where we got the greatest traffic for the survey, we developed different QR codes, with matching links, that all led to the survey. This table outlines the number of people who interacted with each of the different QR codes or links. AMC, Appalachian Mountain Club, refers to the people who learned about the survey from an AMC email or from the two occasions we table sat at AMC related events.

Miscellaneous refers to, religious groups and Parent Teachers Association members.. Lastly the business category refers to responses we received from the QR codes we placed on flyers and hung up in businesses in Lincoln, NH.

Source of Link to Survey - Number of QR Code Survey Respondents

Miscellaneous - 31 AMC - 732 Business- 11

Appendix F - Sample Local Business interview questions

- 1. How long have you lived in the area, and do you consider yourself a local to the area?
- 2.Do you think that your business is influenced at all by changes in the season and or changes in the local environment of the White Mountain Region?
- 3. Have you noticed much change in views and actions of people in respect of change of environment within the Whites?
- 4. Have fluctuations with the amount of people influences your business and why do you think there has been a flux in visitors?
- 5. How has local business been affected and or changed with time?

Appendix G - Coded Interview Data

Key:

[MWObs] – Interviewee at the Mt Washington Observatory [MB – NFS] - Interviewee at the [White Mountain] National Forest Service [BL – HBRF] - Interviewee at the Hubbard Brook Research Foundation [GW – HBRF] - Interviewee at the Hubbard Brook Research Foundation

• Communication (9)

- Difficulties with Communication (7)
 - Not Understanding CC and Environment care (2)
 - [MWObs] People not being able to comprehend the time scale of the changing climate A
 - [BL HBRF] personal story about seeing a guy hucking beer cans into the woods/lake, didn't want to take his trash with him. this was post covid, there were even trash cans there. Yelled at the guy, cleaned up after beer can guy (informal education)
 - [BL HBRF] at Franconia, has educational stuff, posters, programs, just can't reach everyone, not everyone is interested, would be interested to know how many hike safety cards are handed out wound up on the ground.
 - Connecting climate information (1)
 - [MWObs]- Connecting weather and climate together B
 - Having to stay within boundaries (2)
 - [MWObs] Must also conform to administration at the time due to federal funding and Grants
 - [MB NFS] if someone is doing something wrong, person has to be approached in a non-threatening way, most people are very good about having a conversation about what they might be doing wrong, some people aren't as good about it though
 - Other (2)
 - [MWObs] Wants to focus on solutions to climate change otherwise its too doom and gloom
 - [MB NFS] Gauge how much someone wants to talk to you very quickly
 - [MB NFS] most people see the uniform and it prompts them to view you
 as important, it makes it obvious what you're doing. The uniform helps
 people understand why you are talking to them. When you say something,
 people take it seriously. Does not find tough enforcements such as tickets
 and citations only really work in the most egregious situations
- Methods of Communication (2)
 - [MWObs] What science is being done in the mountains, extreme weather, and just recently got climate change panel
 - [MB NFS] Informal discussions while in the field

- [MB NFS] how they go about talking with people: more of a out and about informal discussion in the field, backcountry conversations/education
- [MB NFS] he will approach people or be approached
- Providing Resources (1)
 - [MWObs] WeatherX Helps students understand how to make/ interpret weather and climate data (providing educational resources)
 - [MWObs] People at Museum Newly added, answer any questions for people while at the observatory
 - [MWObs] Brian wants to give people the tools that they need to succeed such as data for teachers or graphing programs for students
- Teaching (1)
 - [MWObs] Arctic Wednesday Teaching teachers how to use their data, obs. is there as a resource A (teaching teachers)

• Place Attachment (3)

- [MWObs] Weather is a good entry point to talk about climate change (more evidence to support finding a point of connection) (everyone experiences it)
- Why People Come to the area (2)
 - [MWObs] Hiking was the introduction R (recreation)
 - [MWObs] Individual pathway (freedom, danger, and excitement)
 - [MWObs] People with similar interests and ideas
 - [MB NFS] Came to the area because he liked it
 - [MB NFS] -Got out of grad school and he wanted to move to NH in the White Mts, decided to stay after about a year
 - [MB NFS] Moving somewhere far away is a big commitment, hasn't found a reason to do it. NH wasn't the only choice to move but it was the most convenient, Big on outdoor activities
 - [BL HBRF] Came to NH in 2012 for Plymouth State, said "makes us locals a little cynical", considers himself a local.
- Other (1)
 - [MB NFS] A lot of people like this area/forest
 - [MB NFS] Quite a few places to go for work here, lots of opportunities here
 - [MB NFS] high use levels, lots of activity in this forest, productive work environment
 - [MB NFS] only two forests up here, so it's either NH, VT or ME. national forests out west are in remote places, making it difficult to live out there. white mountain national forest is a bit more accessible
 - [MB NFS] people who come here usually tend to stay, doesn't seem worth it to leave
 - [MB NFS] some of the Forest Service are unhappy engineers who didn't like leaving such a large environmental footprint
 - [MB NFS] already had an interest in hiking, had done some work as a civilian so decided to join USFS because he enjoyed it.
- Impacts of Climate Change (1)
 - Observation differences (1)

- [MWObs] Collecting Weather data relies on the climate of the area
- Economy (5)
- [BL HBRF] lots of Lincoln's money is from out of state
- Housing (1)
- [BL HBRF] nobody left for the off seasons, people are sticking around (remote work, he speculates), mid 2020 housing prices went crazy, renewing lease in Lincoln didn't happen, house was sold. lot of houses that got sold/bought turned into Airbnb's, lots of people who aren't here a lot of the time. Local twenty somethings had hard time finding local housing
- Loon (1)
- [BL HBRF] loon always tries to open early, much more weather dependent recently
- Food Industry (2)
- [BL HBRF] one love has been extending hours despite usually scaling back between Columbus and thanksgiving. doesn't grocery shop or get gas in town, (Lincoln), goes to other places, too expensive, prices going up as it becomes a more tourist town.
- [BL HBRF] If they replace price chopper with Hannaford's he'd be happy, thinks locals would be grateful, positive development
- Infrastructure (2)
- [BL HBRF] Kancamagus Hwy gets backed up
- o[BL HBRF] Mirror Lake used to be unknown pre-covid, post covid beach got swarmed, Woodstock had to step in, put in porta potties, trashcan, because trash was building up. used to be carry in carry out though. great in theory but horrible for inviting more people, hard on traffic, hard in the sewer system. regularly town smells like raw sewage around 4th of July

Appendix H - Coded Local Business Interview Data

Key:

[LSS] – Interviewee at Lahout's Ski Shop

[VS&S] – Interviewee at Village Ski & Snowboard

[ReMax] – Interviewee at REMAX Realty in the Mountains

[R - BO] - Interviewee at Burgeon Outdoor

[AH] – Interviewee at Ace Hardware, Lincoln, NH

[LStS] – Interviewee at Lahout's Summit Shop

[L – DHS] – Interviewee Daydreams Hair Salon

[EMS NC] – Interviewee at Eastern Mountain Sports North Conway

[EMS OS] – Interviewee at Eastern Mountain Sports Outdoor School

[REI NC] - Interviewee at REI North Conway

[LLB NC] – Interviewee at L.L.Bean North Conway

[MG AH] – Interviewee who works as a mountain guide

[MG SC] – Interviewee who works as a mountain guide

[4KRS] – Interviewee at 4 Our Kids Recycling Services

• Place Attachment (31)

- How long lived in the area (13)
 - [LSS] 21 years
 - [VS&S] Since 1982 (40 yrs.)
 - [ReMax] 13 yrs.
 - [R BO] 10 years
 - [AH] 63 yrs.
 - [LStS] 7 yrs.
 - [L DHS] 25 yrs.
 - [EMS NC] 15 yrs.
 - [EMS OS] 22 yrs.
 - [REI NC] 5 yrs.
 - [LLB NC] 39 yrs.
 - [MG AH] 35 yrs.
 - [MG SC] 9 yrs.
- From where/Hometown (11)
 - [LSS] Stratford, NH
 - [ReMax] Mississippi
 - [AH] Woodstock, NH
 - [LStS] Concord, NH
 - [L DHS] Lincoln, NH
 - [EMS OS] Concord, NH
 - [REI NC] Boston, MA
 - [LLB NC] Franconia, NH
 - [MG AH] Littleton, NH

- [MG SC] San Francisco, CA
- [4KRS] Born in the Whites
- Former Job (3)
 - [AH] Used to be a lumberman
 - [EMS OS] Used to work for IME
 - [MG SC] Mountain Guide in CA
- Why they came (4)
 - [LSS] Moved for a job
 - [ReMax] Moved due to Family
 - [EMS NC] Hikes and in general enjoyed the recreation
 - [MG AH] Strongly cares about the Whites

• **Economy** (3)

- Impacts of Large Businesses (3)
 - [LSS] Paper mills in that town had devastating effects on the environment, these "guaranteed" jobs were taken away and the town went through tough times
 - [VS&S] Hotel Chains are bad and the smaller ones are going to suffer
 - Outdoor industry has been booming for some time and each year it has been
 - doing better
 - [REI NC] Works for REI, which is one of the largest Outdoor stores in the world, and thus has likely had an effect on stores like EMS, IME and similar stores

• Role of Business for Environment (15)

- General (7)
 - [LSS] Mainly sees it as a balance between socially driven and through the owners. Larger businesses are more profit driven
 - [R BO] -Turning on snow on loon today (11/9) and the date of starting that as been roughly the same for the past couple years
 - [EMS NC] EMS is a moderate size company and has been trying to draw more people to the Whites and also improve its sustainability.
 - [EMS OS] Outdoor School is given a ton of flexibility and is able to change practices for the benefit of the environment
 - [REI NC] REI is official very climate conscious but managers are not really observing many actual changes or improvements
 - [LLB NC] L.L.Bean has become so climate conscious in the past 7ish years and has shifted large parts of the business towards helping the environment and being more eco friendly
 - [MG AH] Works for IME, which is basically a small company, directly connected to the outdoors
- Communication of change in Environment (3)
 - [R BO] Open to discussing CC in a professional setting
 - [EMS NC] At EMS tries to each thing about climate change and leave no trace in store. Still profit driven but managers have flexibility of changing some methods for example benefiting the environment

- [MG AH] -Takes part in the community events to help foster outdoor culture
 Smaller Business (5)
 - [LSS] Smaller businesses are able to have this environmental mindset
 - [VS&S] As a smaller business try to be sustainable but it is had when most of the products are not made locally.
 - [R BO] Small climate conscious business that tries to be sustainable
 - [LStS] Tries to eliminate waste produce and increase recycling and in general move towards climate friendly practices
 - [MG AH] IME tries to take care of the environment and does their best to practice good practices towards Earth

• **Housing** (7)

- General Housing (4)
 - [LSS] Sees people coming back to the area after moving away as well as people moving for the first time. Two different types of local's everyday workers and then those who move to the whites and work remotely,
 - [ReMax] As a real estate agent, she has seen lots of recent moving to the area but largely felt due to covid
 - [R BO] Has seen people moving out east for some time due to a slight barrier of climate; Has seen spike moving from places like Boston. Also concerned about ski in ski out houses and how long they'll last in season
 - [AH] Has noticed that in the past five years there has been a dramatic increase of people who are moving from the area with a decent amount from Cape Cod region to help have another residency for the future.
 - [L DHS] Concerned about housing available in the future for the next generations of locals
- Cost of Housing (3)
 - [LSS] Similar impact of raising property cost
 - [AH] Cost of living has been increasing over that same time period
 - [L DHS] Concerned about the increasing housing costs

• Other (7)

- Popularity (4)
 - [VS&S] Past two years have exploded in popularity, in terms of population and mostly visitors
 - [R BO] Dramatic increase in the past five years due to climate and COVID-19 and feels like the trails and local resources are greatly strained due to that. Also, business has been up quite a bit (started in 2019). Usually in the summer the store is more accessible, but Rudy likes winter more as it makes more sales
 - [L DHS] -Recent growth in popularity and population has strained local businesses (restaurants in particular). Popularity has been great but has shifted how the town have felt places were running out of food
 - [EMS NC] Has seen a dramatic increase in foot traffic and interest in the mountains within the past 10 years with a huge shift due to COVID-19

- Infrastructure (3)
 - [LStS] Consented about the long-term effects of increasing visitors
 - [L DHS] IN general concerned about infrastructures in the town from roads to the power and everything in between. Pollard road was made, and the roads can't keep up to the constant use
 - [4KRS] In terms of recycling and similar infrastructure there is a critical lack of infrastructure
- Local View of CC (8)
 - [ReMax] has visually seen some impacts of CC
 - [R BO] Feels like CC is important and significant, feels like the snow season, snowpack has been decreasing.
 - [L DHS] seasons have been getting longer and more mellow
 - [EMS OS] Has viewed personally the impacts of CC
 - [LLB NC] Observed climate trends thought his time
 - [MG AH] Strongly worries about the futures of the environment
 - [MG SC] Greatly concerned about the environment in the long run
 - [4KRS] Less people are driven by a social notice and more people are drive by the rules of the government and the cost of things.

Appendix I - Survey

Start of Block: Start of Survey

A. PREAMBLE

We are a group of students from Worcester Polytechnic Institute in Massachusetts. We are working on a research project with the Appalachian Mountain Club (AMC) and the Hubbard Brook Research Foundation (HBRF).

We are conducting a survey of hikers and White Mountain Region residents, ages 18 and older, to learn about the relationship between connection to an area and climate-related topics. We believe this research can help AMC and HBRF communicate with the public more effectively.

This survey is online and should take about 5 minutes. This survey is completely voluntary, and you may withdraw from it at any time. Your responses to this survey are completely anonymous. No identifying information will appear on the survey and the final project report.

If you have any questions, you may reach out to our faculty advisor, Corey Dehner, at cdehner@wpi.edu. If you would like, we are happy to share a copy of our results at the conclusion of the study.

o I have read and understand the preamble (1)

End of Block: Start of Survey

o Doctorate (5)

o None of the Above (6)

Start of Block: Background Information Q1 What is your age? o Under 18 (1) o 18-21 (2) o 22-28 (3) o 29-35 (4) o 36-49 (5) o 50-64 (6) o 65+ (7) Skip To: End of Survey If What is your age? = Under 18 Q2 Gender: how do you identify? o Male (1) o Female (2) o Non-Binary (3) o Other (4) o Prefer not to say (5) o Prefer to self-describe (6) Display This Question: If Gender. how do you identify? = Prefer to self describe Q3 If prefer to self-describe, feel free to fill in bellow Q4 What is your highest level of education? o High School or Equivalent (GED) (1) o Technical or Trade School (2) o Bachelor's Degree (3) o Master's Degree (4)

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Q5 Do you live primarily in the US, or are you visiting?
o Live in US (1)
o Visiting (2)
Display This Question:
If Do you live primarily in the US, or are you visiting? = Visiting
Q6 What country / territory are you visiting from?
Display This Question:
If Do you live primarily in the US, or are you visiting? = Live in US
Q7 What state/territory are you from?
▼ Alabama (1) ... Puerto Rico (53)
Display This Question:
If What state/territory are you from? = Vermont
Or What state/territory are you from? = Maine
Or What state/territory are you from? = New Hampshire
Q8 If from New Hampshire, Maine or Vermont; Which of the following counties, if any, do
you live in?
o [NH] Coös County (1)
o [NH] Grafton County (2)
o [NH] Carroll County (3)
o [ME] Oxford County (4)
o [ME] Franklin County (5)
o [VT] Essex County (6)
o Other or N/A (7)
End of Block: Background Information
Start of Block: Block 2
Q9 Would you consider yourself a local of the White Mountain area?
o Yes (year-round) (1)
o Yes (part of the year) (2)
o No (3)
o Maybe / Unsure (4)
o Other or N/A (5)
```

Q10 How long have you lived, at any point in time, in the White Mountain Region? o I have not lived in the White Mountain Region at any point (1) o I have temporarily stayed in the White Mountain Region {i.e., stayed at a hotel or AirB&B} (9) o 0 - 5 Years (2) o 6 - 10 Years (3) o 11 - 15 Years (4) o 16 - 20 Years (5) o 21 - 25 Years (6) o 26 - 30 Years (7) o 31 + Years (8)
Display This Question: If How long have you lived, at any point in time, in the White Mountain Region? != I have not lived in the White Mountain Region at any point
Q11 If you have moved to the White Mountain region, please check all that apply. Reason for moving include: I have not recently moved to the White Mountain Region (9) Prefer not to say (1) Work/job relocation (2) Reduced cost of living (3) Reasons related to climate change (4) Access to outdoor activities (5) Closer to family/family in area (6) Closer to nature (7) Other or N/A (8)
Display This Question: If you have moved to the White Mountain region, please check all that apply. Reason for moving in = Other or N/A Q12 Please state other reasons
End of Block: Block 2

IPCC - 19

Start of Block: Climate Questions Page Break Q13 In your experience winters have been... (Check all that apply) Longer (1) ☐Shorter (2) Warmer (3) Colder (4) ■ More intense storms (5) Less intense storms (6) ☐ More frequent storms (7) Less frequent storms (8) Unchanged (9) ■Unsure (10) Page Break Q14 How much would you say you understand about the topic of climate change and its subset, global warming? (United Nations definition: Climate change refers to the longterm shifts in temperatures and weather patterns) o None at all (1) o A little (2) o A moderate amount (3) o Well informed (4) o I am an expert (5) o Other (6) Q15 Select the statement that you most agree with. Climate change is... o Happening (1) o Not Happening (2) o Unsure (3) Q16 Select the statement that you most agree with. Climate change is... o Of no danger (danger being a threat to human life) (1) o Inconvenient (maybe needing to water your lawn more often) (2) o A slight danger (3) o A major danger (4) o Unsure (5) o N/A (6)

Q17 Which would you be most concerned about if threated by climate change? (Pleas rank the following) My Neighborhood (2) My Town/City (3) New Hampshire (6) The White Mountains as a whole (4) Your favorite place in the White Mountains (5) My House (7)
Display This Question: If Which would you be most concerned about if threated by climate change? (Pleas rank the following) [The White Mountains as a whole] >= 4 And Which would you be most concerned about if threated by climate change? (Pleas rank the following) [Your favorite place in the White Mountains]>= 4
Q18 Have you viewed or experienced any specific climate change impacts in th following places (Are there any specific places in the White Mountains that you view being impacted by climate change and if so please list here) The Presidentials (1) Great Gulf (9) Pemigewasset (2) Wild River (4) Caribou-Speckled (5) Crawford Notch (8) Sandwich Range (6) Franconia Notch (7) Other (3)
Display This Question: If Have you viewed or experienced any specific climate change impacts in the following places (Are t = Other
Q19 If selected other, please state

Q20 To what degree do you think that climate change has impacted the following?

	None at all (1)	A little (2)	A moderate amount (3)	A lot (4)	A great deal (5)	Unsure (6)	
Length of winter activities season (1)	0	0	0	0	0	0	
Your winter recreation (2)	0	0	0	0	0	0	
The timing of fall colors (3)	0	0	0	0	0	0	
Q21 If the winter The season ha The season ha The season ha The season ha other (5) unsure (6)	as shifted e as shifted I as gotten s	earlier (1) ater (2) shorter (3)	s been imp	acted, in	what way?	(Select all t	:hat apply)
Display This Que If If the winter of = other		eason has	been impo	acted, in v	vhat way?	(Select all t	that apply)
Q22 If selected	other:						
Q23 Has climate o No (1) o A little (5) o A moderate a o A lot (7) o A great deal (o Unsure (9)	mount (6)	iffected yo	our time in t	the White	Mountains	?	
Q24 Select the so Primarily due to Caused primarily o Caused primarily o Caused equal o Unsure (4) o N/A (5)	to natural (arily by pec	causes (1) ople (2)	_		ate chang	e is	
Page Break							

Q25 How much does climate change affect each region?

	None at all (1)	A little (2)	A moderate amount (3)	A lot (4)	A great deal (5)	Unsure (6)
Northeast (ME, NH, VT, RI, CT, MA, NY, PA, WV, ML, DE) (1)	0	0	0	0	0	0
Southeast (VA, KY, TN, MI, FL, NC, SC, GA, AL, AR) (2)	0	0	0	0	0	0
Midwest (OH, MI, IL, WI, MN, IO, MR) (4)	0	0	0	0	0	0
Northern Great Plains (MO, ND, SD, NE, WY)	0	0	0	0	0	0
Southern Great Plains (TX, OK, KA) (5)	0	0	0	0	0	0
Northwest (WA, OR, ID) (6)	0	0	0	0	0	0
Southwest (CA, NV, NM, AZ, CO) (7)	0	0	0	0	0	0
Alaska (8)	0	0	\circ	0	\circ	0
Hawaii/Puerto Rico (9)	0	0	0	0	0	0

Page Break

Q26 Where do you largely get your news information?
Online (1)
Print Media (2)
Television (3)
□Films (4)
Radio & Podcasts (5)
Other (6)
□I don't follow the news (7)

Display This Question: If Where do you largely get your news information? = Online
Q27 For online news what are your sources? Online News Sources (WMTW, WMUR, CNN, CBS) (1) Social Media (i.e., Instagram, Facebook, Twitter, YouTube, etc.) (2) Online Print Newspapers (3) Other (4)
Display This Question: If Where do you largely get your news information? = Other And For online news what are your sources? = Other
Q28 If selected other:
End of Block: Climate Questions
Start of Block: Politics
Q29 What political leaning do you most identify with? Democrat (1) Republican (2) Independent (3) Libertarian (4) Socialist (5) Green Party (7) Other (6) None (8)
Display This Question: If What political leaning do you most identify with? = Other
Q30 If selected other:

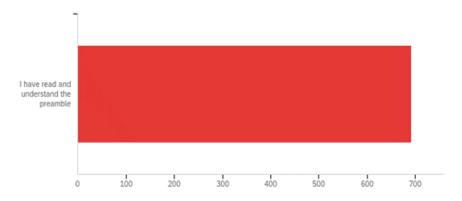
Q31Does your view on climate change affect your political leaning?

- o None at all (1)
- o A little (2)
- o A moderate Amount (3)
- o A lot (4)
- o A great deal (5)
- o Unsure (6)

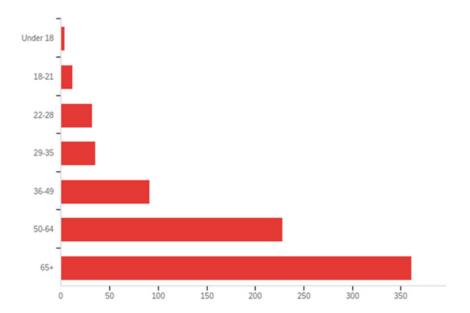
End of Block: Politics

Appendix J – Basic Survey Data

Preamble

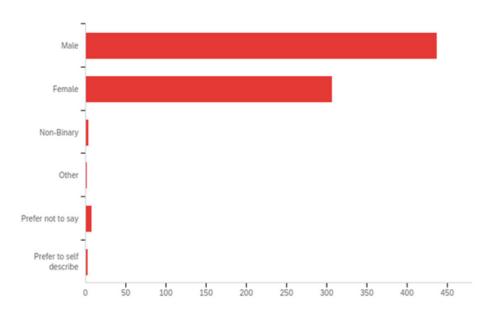


Q1 - What is your age?



Appendix J - Basic Survey Data

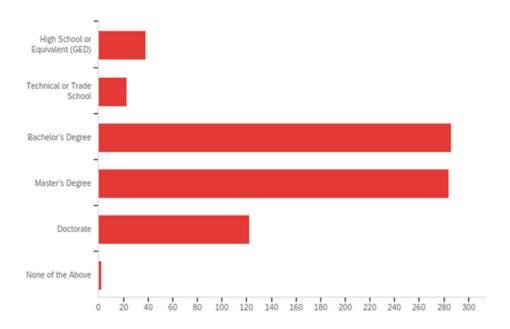
Q2 - Gender: how do you identify?



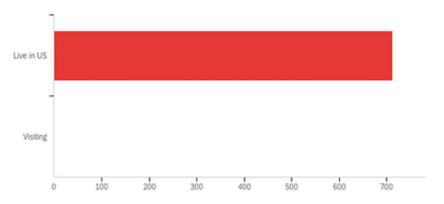
Q3- If prefer to self-describe, feel free to fill in bellow

If prefer to self-describe, feel free to fill in bellow Human. Mostly male, but I prefer not to define myself or others by race or gender.

Q4 - What is your highest level of education?

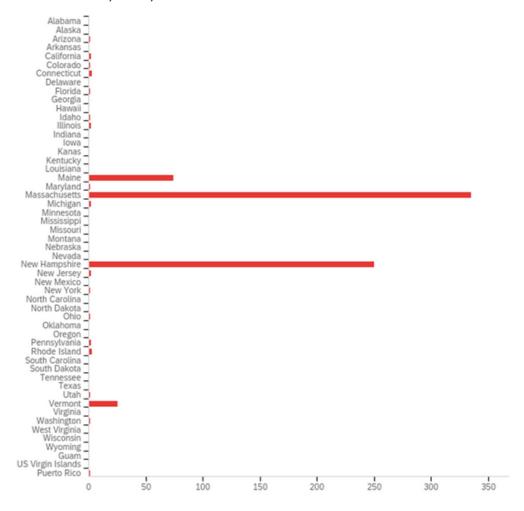


Q5 - Do you live primarily in the US, or are you visiting?

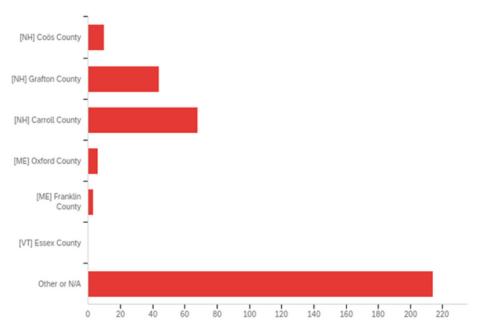


Q4-2 - What country / territory are you visiting from? What country / territory are you visiting from? -Switzerland

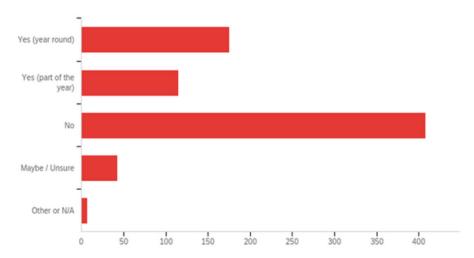
Q6 - What state/territory are you from?



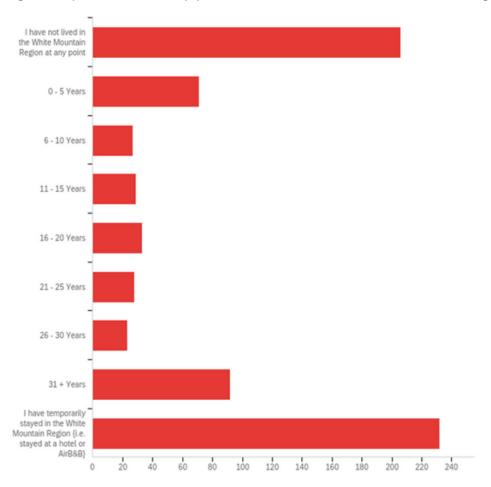
Q7- If from New Hampshire, Maine or Vermont; Which of the following counties, if any, do you live in?



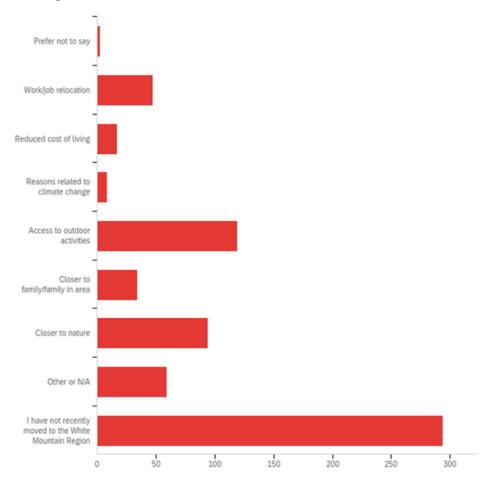
Q8 - Would you consider yourself a local of the White Mountain area?



Q9 - How long have you lived, at any point in time, in the White Mountain Region?



Q10 - If you have moved to the White Mountain region, please check all that apply. Reason for moving include:



Q11 - Please state other reasons

Please state other reasons

we owned a rental house we decided to use as our primary residence

family cottage in NH

My house and roommates I lived with imploded, and I got furloughed and never called back to my jobs.

Now own a 2nd property in the Conway area

was born in Cheshire County, NH. I've actually moved further from the White Mountain region as an adult.

was retired and moved to 2nd home in NH

N/A

visit white mountains camping and day use 35plus days per year for last 45 years inherited a camp in Maine in the 1980's and spent summers until retirement, now six months a year plus winter visits ,summer camp counselor 1970's

Have not moved there.

N/A

Returning to my home, where I grew up, in the beautiful White Mountains, with clean lakes, hiking, skiing, and great cultural activities.

Have Vacation home in Jackson NH

vacation

I don't live in the White Mountain region

this is a second home. moved to be closer to nature

Partner

Family history has located me here since the 1960's, and natural beauty has caused me to remain here

Lifelong desire to live in mountains, getting married/new life, love NH, lived full-time in southern NH 35+ years, lived part-time in Sullivan County during youth.

N/A

I am up there once a week usually

Been a summer resident (Carroll County) since birth; then owned in Grafton and lived there summers/vacations, Merrimack during school year; now mostly Merrimack year-round, with a few weeks in Grafton.

I have a 6 month seasonal camper and live there primarily every summer.

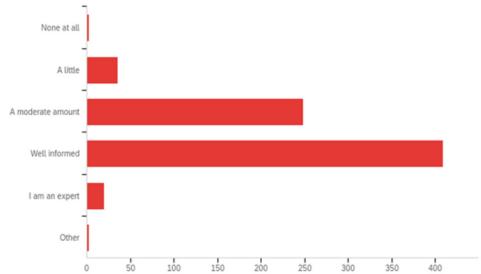
Live in Maine; visit often

Cost - Boston became unaffordable

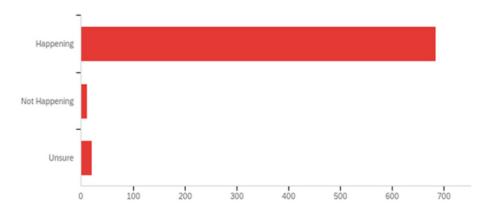
Married a local whose family had a business in the MWV

N/A

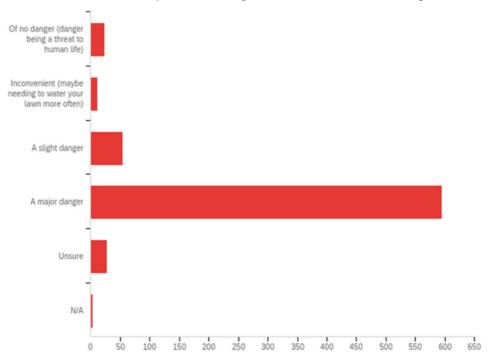
Q12 - How much would you say you understand about the topic of climate change and its subset, global warming? (United Nations definition: Climate change refers to the long-term shifts in temperatures and weather patterns)



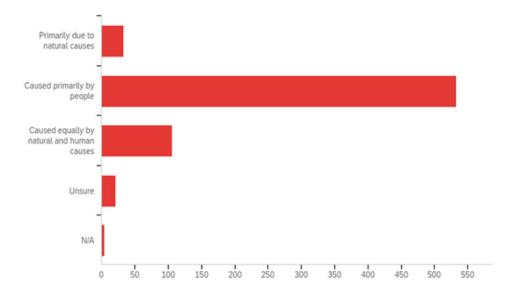
Q13- Select the statement that you most agree with. Climate change is...



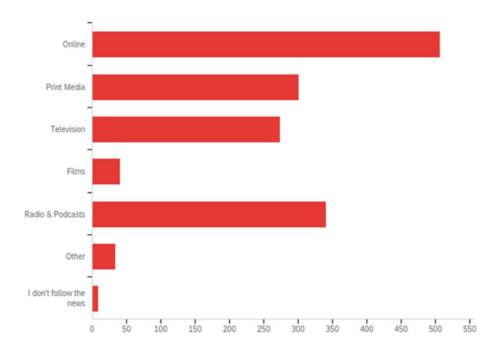
Q14 - Select the statement that you most agree with. Climate change is...



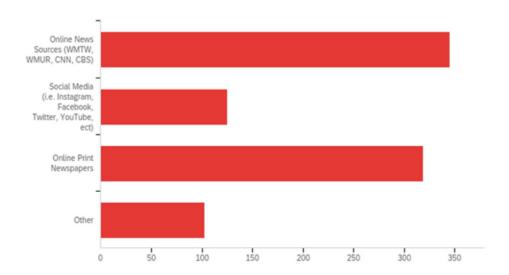
Q15 - Select the statement that you most agree with. Climate change is...



Q16 - Where do you largely get your news information?



Q17 - For online news what are your sources?



Q18 - If selected other:

If selected other:

NHPR, NPR

bloomberg news

New York Times and Apple News, Natural Science readings.

NPR

Documentaries

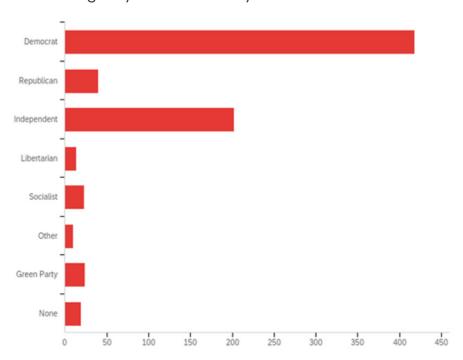
I subscribe to various special blogs and university newsletters I talk to other people involved in the same interests as I have.

Primary source science journals, 350.org

Scientific journals and Scientific societies

Wiki, YouTube, Google

Q19 - What political leaning do you most identify with?



Q20 - If selected other:

If selected other:

Independent

I vote democrat but don't like how left the party leans but can't vote republican cause of how right it leans. Give me a moderate of either party and I'd vote for them.

Progressive

The republicans are all lying criminal scumbags and or afraid to stand up for moral values, human rights etc..

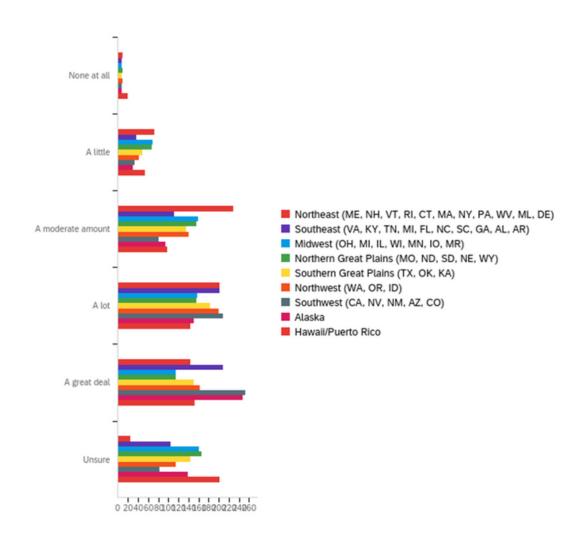
Conservative Democrat

I believe the political extremes of each party are destroying our country. I lean towards negotiation, compromise and working together. Each party is just as bad as the other. Government agents are corrupt and are destroying the country/world.

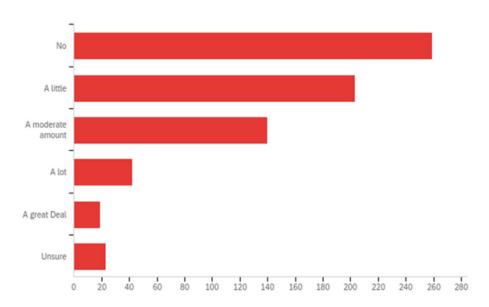
Qualitied

None

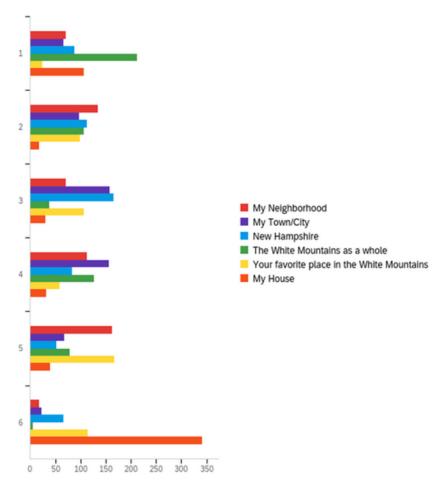
Q21 - How much does climate change affect each region?



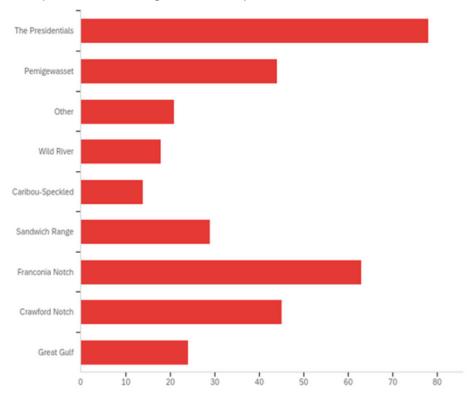
Q22 - Has climate change affected your time in the White Mountains?



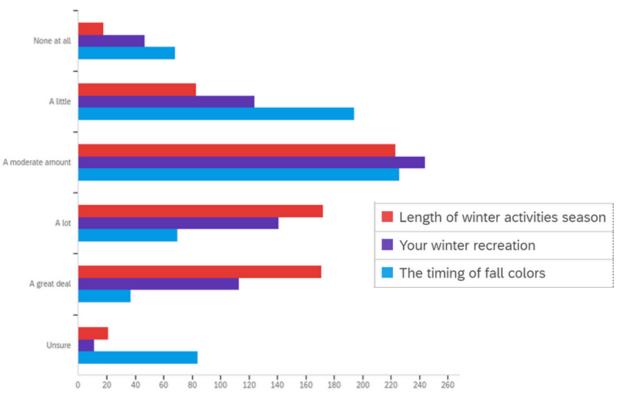
Q23 - Which would you be most concerned about if threated by climate change? (Please rank the following)



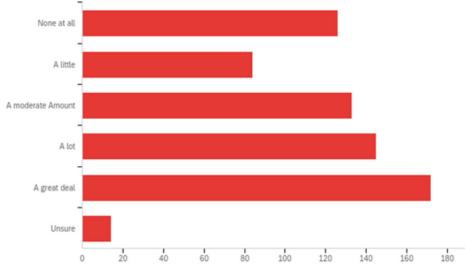
Q24- Have you viewed or experienced any specific climate change impacts in the following places (Are there any specific places in the White Mountains that you view being impacted by climate change and if so please list here...)



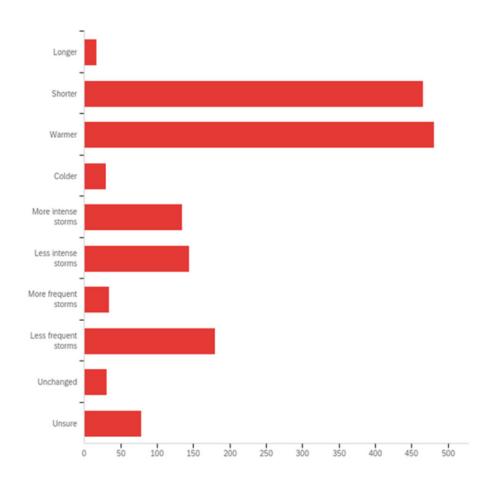
Q25 - To what degree do you think that climate change has impacted the following?



Q26 - Does your view on climate change affect your political leaning?



Q27 - In your experience winters nave been... (Cneck all that apply)



Q28 - If selected other, please state

If selected other, please state

not enough time in the whites to notice

no specific place

climate change will have a global impact. focusing on a specific area is as much about preference as anything else...

Walking on trails along Pemigewasset river, I felt some warm air in the middle of winter probably 20 years ago, just in one area. Now it's warm along the whole trail.

The Andes and Pacific Northwest

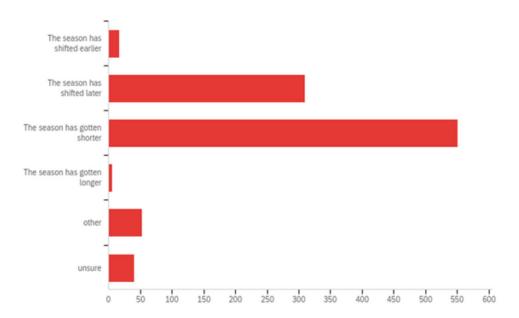
Sea level rise

Nash Stream

Maine

It was around 70 degrees last weekend in Rumney which seems incredibly unusual Haven't noticed any

Q29 - If the winter activities season has been impacted, in what way? (Select all that apply)



Q30- If selected other:

If selected other: