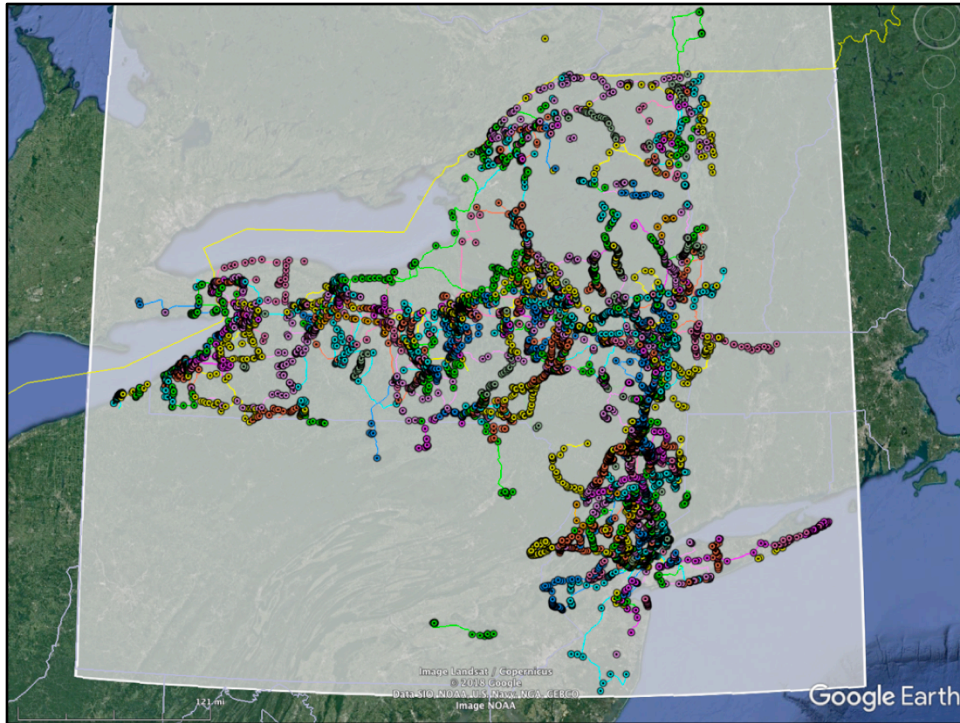


Instructions for
Limiting the
Geographical Extent
of the Placemarks
in the
NYSGA Database
(Mac Version)

This pdf is adapted from the Powerpoint Presentation given at the NEGSA conference in Burlington, VT, in March, 2018. It omits the background information on how the database was constructed, and just starts where we went over the procedures to use in extracting field trip stops based on their locations. Also, this uses Numbers and Textedit rather than Excel and Word...



Here we are on Google Earth showing all the Placemarks made so far. 8,000 placemarks is too many to deal with, and Filemaker is not something everyone has lying around. So we put things into Microsoft Excel tables. To do this we extracted the Placemarks and their locations from Filemaker, and imported them into Excel. Then, for Mac fans, we converted the Excel file into a Numbers file.

The Numbers file can be found here:

<http://ottohmuller.com/nysga2ge/Files/NYSGADaThrough2001AsOf3-10-18.numbers> and additional instructions are here:

<http://ottohmuller.com/nysga2ge/Instructions.pages>

NYSGADATAThrough2001AsOf3-10-18.numbers

View Zoom 100%
 Superscript Subscript Insert Table Chart Text Shape Media Comment Collaborate Format Sort & Filter

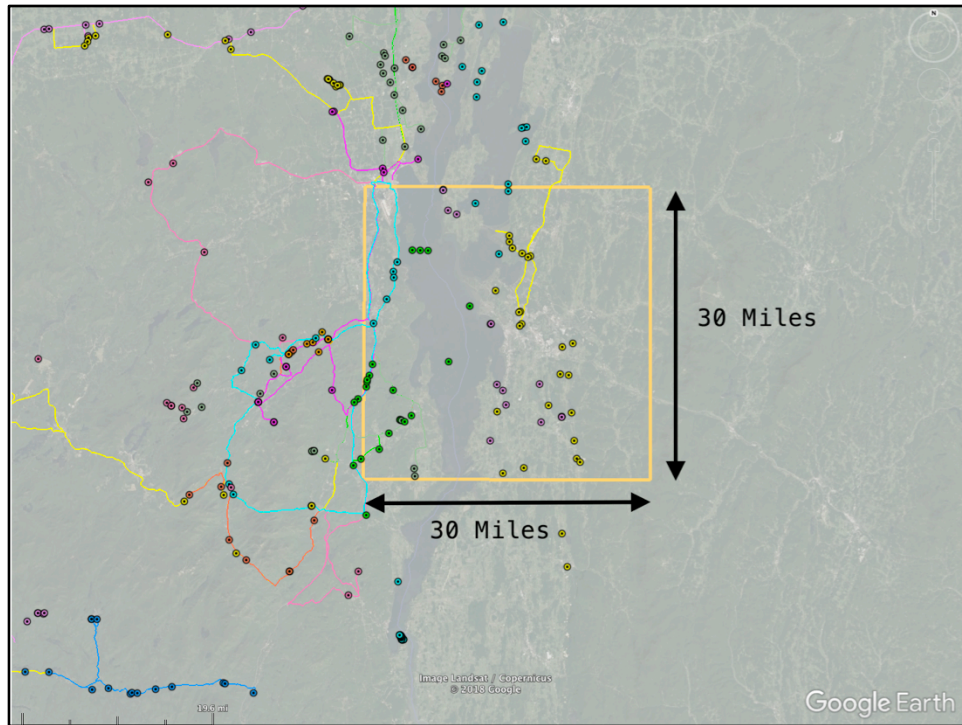
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Your Longitude	-73.21	
Distance	15 miles	
Latitude Range:	44.26	44.69
Longitude Range:	-73.52	-72.91
m/deg	11121.54	0.01 deg/mile
	Delta Lat	Delta Long
	0.217194616711005	0.30

name	leader	year	trip	Latitude	Longitude	end out	ID	style
VAL SULLIVAN STRATIGR U of R Students and Ssa 1956								
VAL SULLIVAN STRATIGR U of R Students and Ssa 1956								
Post-glacial Geomese U of R Students and Ssa 1956								
West end of Pinnacle Ru U of R Students and Ssa 1956								
ML Hope Cemetery U of R Students and Ssa 1956								
View of Pinnacle Range U of R Students and Ssa 1956								
Colgate-Rochester Divis U of R Students and Ssa 1956								
Highest point on Pinnac U of R Students and Ssa 1956								
Pass over Rochester sub U of R Students and Ssa 1956								
Lockport Dolomite U of R Students and Ssa 1956								
Brookspool Valley U of R Students and Ssa 1956								
View of Rochester U of R Students and Ssa 1956								
Orchards U of R Students and Ssa 1956								
STOP 1, Peachfield Quarry U of R Students and Ssa 1956								
Lake Inoquois bar U of R Students and Ssa 1956								
Barrow bar U of R Students and Ssa 1956								
West end of barrier bar U of R Students and Ssa 1956								
Durand-Eastman Park U of R Students and Ssa 1956								
Two barred lakes U of R Students and Ssa 1956								
Narrow divide U of R Students and Ssa 1956								
Bottoms of Lake Inoquois U of R Students and Ssa 1956								
Offshore bar U of R Students and Ssa 1956								
Lagoon U of R Students and Ssa 1956								
Stop sign, Traffic circle U of R Students and Ssa 1956	A			43.1923983029105	-77.6180099562044	{Placemark id="1.10"}	NYSGA 1956 A.1.10	Amzn_Aqua
Private Road U of R Students and Ssa 1956	A			43.1822108433221	-77.6231622242603	{Placemark id="1.11"}	NYSGA 1956 A.1.11	Amzn_Aqua
STOP 2, Rochester Gorg U of R Students and Ssa 1956	A			43.1827121619104	-77.6273761505009	{Placemark id="2.00"}	NYSGA 1956 A.2.00	Amzn_Aqua
Luxist Stop U of R Students and Ssa 1956	A			43.21267461375401	-77.6191591866287	{Placemark id="2.01"}	NYSGA 1956 A.2.01	Amzn_Aqua
18. GLACIAL GEOLOGY U of R Students and Ssa 1956	18					{Placemark id="NYSGA 1956 18		Amzn_Tile
18. GLACIAL GEOLOGY U of R Students and Ssa 1956	18					{Placemark id="0.00"}	NYSGA 1956 18-0.00	Amzn_Line
Post-glacial Geomese U of R Students and Ssa 1956	18			43.1271598407936	-77.6318681849198	{Placemark id="0.01"}	NYSGA 1956 18-0.01	Amzn_Line
West end of Pinnacle Ru U of R Students and Ssa 1956	18			43.1202268486695	-77.63916310254	{Placemark id="0.02"}	NYSGA 1956 18-0.02	Amzn_Line
ML Hope Cemetery U of R Students and Ssa 1956	18			43.1244872211835	-77.6220304930058	{Placemark id="0.03"}	NYSGA 1956 18-0.03	Amzn_Line
View of Pinnacle Range U of R Students and Ssa 1956	18			43.120289781061	-77.6090992699823	{Placemark id="0.04"}	NYSGA 1956 18-0.04	Amzn_Line
Colgate-Rochester Divis U of R Students and Ssa 1956	18			43.1203921366314	-77.5991343971128	{Placemark id="0.05"}	NYSGA 1956 18-0.05	Amzn_Line
Highest point on Pinnac U of R Students and Ssa 1956	18			43.1254912146525	-77.5929188034125	{Placemark id="0.06"}	NYSGA 1956 18-0.06	Amzn_Line
Drumlin U of R Students and Ssa 1956	18			43.027716951409	-77.5567540278431	{Placemark id="0.07"}	NYSGA 1956 18-0.07	Amzn_Line
STOP 1, Gravel pit in s U of R Students and Ssa 1956	18			43.04027861834631	-77.5791800740727	{Placemark id="0.08"}	NYSGA 1956 18-0.08	Amzn_Line
STOP 2, Mandon Ponds U of R Students and Ssa 1956	18			43.0287195728467	-77.5687170460554	{Placemark id="2.00"}	NYSGA 1956 18-2.00	Amzn_Line
Swamp U of R Students and Ssa 1956	18			43.0149209284183	-77.5678634960523	{Placemark id="2.01"}	NYSGA 1956 18-2.01	Amzn_Line
Stone-kettle area U of R Students and Ssa 1956	18			43.0192072131614	-77.562106189795	{Placemark id="2.02"}	NYSGA 1956 18-2.02	Amzn_Line
Eastern esker U of R Students and Ssa 1956	18			43.0255202683671	-77.558112873699	{Placemark id="2.03"}	NYSGA 1956 18-2.03	Amzn_Line

The Numbers database contains all the Stops and Views, but no Paths. It uses Tables, and most of the information is not seen in this view.

You can search for terms, just like on the FileMaker database.

Nothing selected. Select a table to sort or filter.



We can easily restrict the data to a box, bounded by N-S and E-W lines. As this meeting is in Burlington, I set up a box, 30 miles on a side, centered there. Those stops within this box might be visited on a field trip starting at UVM. Admittedly, Lake Champlain interferes with this, but the idea is applicable to most areas. The colors of the Placemarks within that box suggests that at least four field trips visited stops here.

Your Latitude: 44.48
 Your Longitude: -73.21
 Distance: 15 miles

Latitude Range: 44.34 to 44.60
 Longitude Range: -73.52 to -72.91

Delta Lat: 0.217194616711005
 Delta Long: 0.30

	A	B	C	D	E	F	G	H	I
	m/dec	111321.54	0.01 deg/mile						
1	name	year	trip	leader	Longitude	Latitude	km1 out3	ID	style
2	LA. SURBAN STRATIGR	U of R. Students and Sta	1956	A					
3	LA. SURBAN STRATIGR	U of R. Students and Sta	1956	A					
4	Post-glacial Genesee	U of R. Students and Sta	1956	A	43.1271598407936	-77.8318681891918		-Placemark id="7975GA-NYSGA 1956 A.00	mmn_Aqua
5	West end of Pinacade R	U of R. Students and Sta	1956	A	43.120224846095	-77.62918210254		-Placemark id="0.02"	mmn_Aqua
6	Mt. Hope Cemetery	U of R. Students and Sta	1956	A	43.1244872211835	-77.6222036930058		-Placemark id="0.03"	mmn_Aqua
7	View of Pinacade Range	U of R. Students and Sta	1956	A	43.125289781051	-77.6090992499823		-Placemark id="0.04"	mmn_Aqua
8	Colgate-Rochester Divin	U of R. Students and Sta	1956	A	43.1253932136034	-77.5993143973128		-Placemark id="0.05"	mmn_Aqua
9	Highest point on Pinac	U of R. Students and Sta	1956	A	43.1244912146075	-77.5929188034125		-Placemark id="0.06"	mmn_Aqua
10	Pass over Rochester sub	U of R. Students and Sta	1956	A	43.13772424926	-77.5358469212777		-Placemark id="0.07"	mmn_Aqua
11	Lockport Dolomite	U of R. Students and Sta	1956	A	43.137607296022	-77.5116371127387		-Placemark id="0.08"	mmn_Aqua
12	Rondout Valley	U of R. Students and Sta	1956	A	43.134480208142	-77.495640202079		-Placemark id="0.09"	mmn_Aqua
13	View of Rochester	U of R. Students and Sta	1956	A	43.1375300750831	-77.4756918472881		-Placemark id="0.10"	mmn_Aqua
14	Orchards	U of R. Students and Sta	1956	A	43.1360130937374	-77.475499749594		-Placemark id="0.11"	mmn_Aqua
15	STOP 1. Powell Quarry	U of R. Students and Sta	1956	A	43.142027474929	-77.408193615096		-Placemark id="1.00"	mmn_Aqua
16	Lake Ingotz bar	U of R. Students and Sta	1956	A	43.205951243317	-77.513025403221		-Placemark id="1.01"	mmn_Aqua
17	Barren bar	U of R. Students and Sta	1956	A	43.23926280094	-77.517049954071		-Placemark id="1.02"	mmn_Aqua
18	West end of Barrier bar	U of R. Students and Sta	1956	A	43.2345492339541	-77.5379419438554		-Placemark id="1.03"	mmn_Aqua
19	Durant-Eastman Park	U of R. Students and Sta	1956	A	43.227859169785	-77.5460203979937		-Placemark id="1.04"	mmn_Aqua
20	Non-barren lakes	U of R. Students and Sta	1956	A	43.2362869895765	-77.5574769695958		-Placemark id="1.05"	mmn_Aqua
21	Narrow divide	U of R. Students and Sta	1956	A	43.2362179530438	-77.5682725177993		-Placemark id="1.06"	mmn_Aqua
22	Bottom of Lake Ingotz	U of R. Students and Sta	1956	A	43.2103119837709	-77.585933881779		-Placemark id="1.07"	mmn_Aqua
23	Onshore bar	U of R. Students and Sta	1956	A	43.197349374995	-77.58601463025		-Placemark id="1.08"	mmn_Aqua
24	Lagoon	U of R. Students and Sta	1956	A	43.195300345478	-77.606330419086		-Placemark id="1.09"	mmn_Aqua
25	Stop sign. Traffic circle	U of R. Students and Sta	1956	A	43.1922602021025	-77.6180099562044		-Placemark id="1.10"	mmn_Aqua
26	Private Road	U of R. Students and Sta	1956	A	43.182718433221	-77.6234722164030		-Placemark id="1.11"	mmn_Aqua
27	STOP 2. Rochester Gorp	U of R. Students and Sta	1956	A	43.1827127169104	-77.6273760150909		-Placemark id="2.00"	mmn_Aqua
28	Launch Slip	U of R. Students and Sta	1956	A	43.2126746375401	-77.6191919864287		-Placemark id="2.01"	mmn_Aqua
29	18. GLACIAL GEOLOGY	U of R. Students and Sta	1956	18				-Placemark id="7975GA-NYSGA 1956 18	mmn_Line
30	18. GLACIAL GEOLOGY	U of R. Students and Sta	1956	18				-Placemark id="0.00"	mmn_Line
31	Post-glacial Genesee	U of R. Students and Sta	1956	18	43.1271598407936	-77.8318681891918		-Placemark id="0.01"	mmn_Line
32	West end of Pinacade R	U of R. Students and Sta	1956	18	43.120224846095	-77.62918210254		-Placemark id="0.02"	mmn_Line
33	Mt. Hope Cemetery	U of R. Students and Sta	1956	18	43.1244872211835	-77.6222036930058		-Placemark id="0.03"	mmn_Line
34	View of Pinacade Range	U of R. Students and Sta	1956	18	43.125289781051	-77.6090992499823		-Placemark id="0.04"	mmn_Line
35	Colgate-Rochester Divin	U of R. Students and Sta	1956	18	43.1253932136034	-77.5993143973128		-Placemark id="0.05"	mmn_Line
36	Highest point on Pinac	U of R. Students and Sta	1956	18	43.1244912146075	-77.5929188034125		-Placemark id="0.06"	mmn_Line
37	Durant	U of R. Students and Sta	1956	18	43.227859169785	-77.5460203979937		-Placemark id="0.07"	mmn_Line
38	STOP 1. Gravel pit in ka	U of R. Students and Sta	1956	18	43.205716951409	-77.5679402278431		-Placemark id="1.00"	mmn_Line
39	STOP 2. Mendon Ponds	U of R. Students and Sta	1956	18	43.2087195728467	-77.5687170460254		-Placemark id="2.00"	mmn_Line
40	Sawano	U of R. Students and Sta	1956	18	43.2140209384618	-77.5676849602523		-Placemark id="2.01"	mmn_Line

To make it easy for the user, there is a section at the top of the spreadsheet which will determine the Lat/Long pairs for the corners of the square. Here the user enters the Lat/Long pair for the center, and half the length of a side. Then copy the results into the filter's dropdown box for the correct columns.

NYSGADATAThrough2001AsOf3-10-18.numbers - Edited

View Zoom 100% - Superscript Subscript Insert Table Chart Text Shape Media Comment Collaborate

Sheet

Your Latitude: 44.48, 0.78
 Your Longitude: -73.21
 Distance: 15 miles

Latitude Range: 44.26, 44.67
 Longitude Range: -73.52, -72.91

Delta Lat: 0.2171946171005
 Delta Long: 0.30

	A	B	C	D	E	F	G	H	I
	m/dec	111211.54	0.01	deg/mile					
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3	VAL SULLMAN STRATCGR	U of R Students and Sta 1956	A				<PlaceMark id="NYSGA_1956A.1A_1A.0.00"	Imax_Aqua	
4	Post-glacial Gessenec	U of R Students and Sta 1956	A	43.127198407936	-77.4318681849198		<PlaceMark id="0.01"	NYSGA_1956A.0.01	Imax_Aqua
5	West end of Pinnacle R	U of R Students and Sta 1956	A	43.12022646095	-77.4291812154		<PlaceMark id="0.02"	NYSGA_1956A.0.02	Imax_Aqua
6	Mt. Hope Cemetery	U of R Students and Sta 1956	A	43.124487211835	-77.422303630058		<PlaceMark id="0.03"	NYSGA_1956A.0.03	Imax_Aqua
7	View of Pinnacle Range	U of R Students and Sta 1956	A	43.12022646095	-77.4291812154		<PlaceMark id="0.04"	NYSGA_1956A.0.04	Imax_Aqua
8	Colgate-Bachelder Drive	U of R Students and Sta 1956	A	43.12022646095	-77.4291812154		<PlaceMark id="0.05"	NYSGA_1956A.0.05	Imax_Aqua
9	Highest point on Pinnacle	U of R Students and Sta 1956	A	43.1254912146375	-77.3929188034125		<PlaceMark id="0.06"	NYSGA_1956A.0.06	Imax_Aqua
10	Pass over Rochester sub	U of R Students and Sta 1956	A	43.12772624926	-77.535849212777		<PlaceMark id="0.07"	NYSGA_1956A.0.07	Imax_Aqua
11	Lindport Dolomite	U of R Students and Sta 1956	A	43.12762739902	-77.531671127187		<PlaceMark id="0.08"	NYSGA_1956A.0.08	Imax_Aqua
12	Hondocktop Valley	U of R Students and Sta 1956	A	43.1343480308142	-77.495824032079		<PlaceMark id="0.09"	NYSGA_1956A.0.09	Imax_Aqua
13	View of Rochester	U of R Students and Sta 1956	A	43.13732075831	-77.475491472381		<PlaceMark id="0.10"	NYSGA_1956A.0.10	Imax_Aqua
14	Delcids	U of R Students and Sta 1956	A	43.139013093734	-77.4754997169546		<PlaceMark id="0.11"	NYSGA_1956A.0.11	Imax_Aqua
15	STDP 1 - Penfield Quarry	U of R Students and Sta 1956	A	43.145274754929	-77.480387935098		<PlaceMark id="1.00"	NYSGA_1956A.1.00	Imax_Aqua
16	Lake Ingoits bar	U of R Students and Sta 1956	A	43.20552433337	-77.611026430211		<PlaceMark id="0.01"	NYSGA_1956A.0.01	Imax_Aqua
17	Barrier bar	U of R Students and Sta 1956	A	43.219524980094	-77.517049954071		<PlaceMark id="1.02"	NYSGA_1956A.1.02	Imax_Aqua
18	West end of barrier bar	U of R Students and Sta 1956	A	43.2140549339541	-77.537941438554		<PlaceMark id="1.03"	NYSGA_1956A.1.03	Imax_Aqua
19	Darwin Eastman Park	U of R Students and Sta 1956	A	43.227091919393	-77.544023079937		<PlaceMark id="1.04"	NYSGA_1956A.1.04	Imax_Aqua
20	Two barrel lakes	U of R Students and Sta 1956	A	43.2342843955745	-77.557476955056		<PlaceMark id="1.05"	NYSGA_1956A.1.05	Imax_Aqua
21	Narrow divide	U of R Students and Sta 1956	A	43.2342179334838	-77.548225177993		<PlaceMark id="1.06"	NYSGA_1956A.1.06	Imax_Aqua
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24	Saggen	U of R Students and Sta 1956	A	43.1939360346478	-77.466330419986		<PlaceMark id="1.09"	NYSGA_1956A.1.09	Imax_Aqua
25	Stop sign - Traffic circle	U of R Students and Sta 1956	A	43.192380529105	-77.6180099562044		<PlaceMark id="1.10"	NYSGA_1956A.1.10	Imax_Aqua
26	Private Road	U of R Students and Sta 1956	A	43.187210843321	-77.623197324083		<PlaceMark id="1.11"	NYSGA_1956A.1.11	Imax_Aqua
27	STDP 2 - Rochester Corp	U of R Students and Sta 1956	A	43.182717149194	-77.627361059009		<PlaceMark id="2.00"	NYSGA_1956A.2.00	Imax_Aqua
28	Launch Stop	U of R Students and Sta 1956	A	43.2136746375401	-77.61919591866287		<PlaceMark id="2.01"	NYSGA_1956A.2.01	Imax_Aqua
29	IB - GLACIA GEOLLOU	U of R Students and Sta 1956	IB				<PlaceMark id="NYSGA_1956A.1B_1B.0.00"	Imax_Title	
30	IB - GLACIA GEOLLOU	U of R Students and Sta 1956	IB				<PlaceMark id="NYSGA_1956A.1B_1B.0.00"	Imax_Aqua	
31	Post-glacial Gessenec	U of R Students and Sta 1956	IB	43.127198407936	-77.4318681849198		<PlaceMark id="0.01"	NYSGA_1956A.0.01	Imax_Line
32	West end of Pinnacle R	U of R Students and Sta 1956	IB	43.12022646095	-77.4291812154		<PlaceMark id="0.02"	NYSGA_1956A.0.02	Imax_Line
33	Mt. Hope Cemetery	U of R Students and Sta 1956	IB	43.124487211835	-77.422303630058		<PlaceMark id="0.03"	NYSGA_1956A.0.03	Imax_Line
34	View of Pinnacle Range	U of R Students and Sta 1956	IB	43.12022646095	-77.4291812154		<PlaceMark id="0.04"	NYSGA_1956A.0.04	Imax_Line
35	Colgate-Bachelder Drive	U of R Students and Sta 1956	IB	43.12022646095	-77.4291812154		<PlaceMark id="0.05"	NYSGA_1956A.0.05	Imax_Line
36	Highest point on Pinnacle	U of R Students and Sta 1956	IB	43.1254912146375	-77.3929188034125		<PlaceMark id="0.06"	NYSGA_1956A.0.06	Imax_Line
37	Drumline	U of R Students and Sta 1956	IB	43.057716951409	-77.556740278411		<PlaceMark id="0.07"	NYSGA_1956A.0.07	Imax_Line
38	STDP 1 - Gavard pit	U of R Students and Sta 1956	IB	43.042786384431	-77.521900746527		<PlaceMark id="0.00"	NYSGA_1956A.0.00	Imax_Line
39	STDP 2 - Mandon Ponds	U of R Students and Sta 1956	IB	43.0287195734467	-77.5487170460554		<PlaceMark id="2.00"	NYSGA_1956A.2.00	Imax_Line
40	Swamp	U of R Students and Sta 1956	IB	43.0149209384183	-77.547634960523		<PlaceMark id="2.01"	NYSGA_1956A.2.01	Imax_Line

Text name

Sort Filter

Filters show rows that match the rules you specify and hide the rest.

Add a Filter...

Filters

Show rows that match:

all filters

Latitude

add a rule

Choose a Filtering Rule

123 abc

Numbers Text Dates Durations Blank

equal to a number

not equal to a number

greater than a number

greater than or equal to a number

less than a number

less than or equal to a number

between two numbers

not between two numbers

above average in the column

below average in the column

in the top values or percent in the column

in the bottom values or percent in the column

NYSGADaThrough2001AsOf13-10-18.numbers - Edited

View Zoom 100% Superscript Subscript Insert Table Chart Text Shape Media Comment Collaborate Format Sort & Filter

Sheet1

Your Latitude	44.48	0.78
Your Longitude	-73.21	
Distance	15	miles
Latitude Range	44.26	44.69
Longitude Range	-73.52	-72.91
	Delta Lat	Delta Long
	0.217194616711005	0.30

	A	B	C	D	E	F	G	H	I
	m/dec			deg/mile					
1	name	leader	year	trip	Latitude	Longitude	lmi	up3	ID
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4	Post-glacial Genesee	U of R Students and Sta	1956	A	43.127198467936	-77.6318681849198			-Placemark id="NYSGA 1956 A.0.02" NYSGA 1956 A.0.02 #mnn_Aqua
5	West end of Pinnacle Ru	U of R Students and Sta	1956	A	43.120224846095	-77.62918210254			-Placemark id="NYSGA 1956 A.0.03" NYSGA 1956 A.0.03 #mnn_Aqua
6	Mt. Hope Cemetery	U of R Students and Sta	1956	A	43.124482221835	-77.622303693009			-Placemark id="NYSGA 1956 A.0.04" NYSGA 1956 A.0.04 #mnn_Aqua
7	View of Pinnacle Range	U of R Students and Sta	1956	A	43.125289791061	-77.609926098621			-Placemark id="NYSGA 1956 A.0.05" NYSGA 1956 A.0.05 #mnn_Aqua
8	Colgate-Rochester Drive	U of R Students and Sta	1956	A	43.125393136034	-77.5993143973128			-Placemark id="NYSGA 1956 A.0.06" NYSGA 1956 A.0.06 #mnn_Aqua
9	Highest point on Pinnacle	U of R Students and Sta	1956	A	43.125912146575	-77.592188351215			-Placemark id="NYSGA 1956 A.0.07" NYSGA 1956 A.0.07 #mnn_Aqua
10	Pass over Rochester sub	U of R Students and Sta	1956	A	43.1372624926	-77.53546921277			-Placemark id="NYSGA 1956 A.0.08" NYSGA 1956 A.0.08 #mnn_Aqua
11	Lockport Dolomite	U of R Students and Sta	1956	A	43.13780729002	-77.531471127387			-Placemark id="NYSGA 1956 A.0.09" NYSGA 1956 A.0.09 #mnn_Aqua
12	Windsorport Valley	U of R Students and Sta	1956	A	43.134480258142	-77.495640232079			-Placemark id="NYSGA 1956 A.0.10" NYSGA 1956 A.0.10 #mnn_Aqua
13	View of Rochester	U of R Students and Sta	1956	A	43.137530075831	-77.4754918472881			-Placemark id="NYSGA 1956 A.0.11" NYSGA 1956 A.0.11 #mnn_Aqua
14	Ditchards	U of R Students and Sta	1956	A	43.139613093274	-77.475499716954			-Placemark id="NYSGA 1956 A.0.12" NYSGA 1956 A.0.12 #mnn_Aqua
15	STOP 1, Pearlfield Quarry	U of R Students and Sta	1956	A	43.142324254929	-77.480813961009			-Placemark id="NYSGA 1956 A.0.13" NYSGA 1956 A.0.13 #mnn_Aqua
16	Lake Ingham bar	U of R Students and Sta	1956	A	43.205915433317	-77.513025430221			-Placemark id="NYSGA 1956 A.1.00" NYSGA 1956 A.1.00 #mnn_Aqua
17	Barren bar	U of R Students and Sta	1956	A	43.219926930094	-77.517049954607			-Placemark id="NYSGA 1956 A.1.01" NYSGA 1956 A.1.01 #mnn_Aqua
18	West end of barren bar	U of R Students and Sta	1956	A	43.234923219541	-77.527819438594			-Placemark id="NYSGA 1956 A.1.02" NYSGA 1956 A.1.02 #mnn_Aqua
19	Durand-Eastman Park	U of R Students and Sta	1956	A	43.227849164795	-77.546923979937			-Placemark id="NYSGA 1956 A.1.03" NYSGA 1956 A.1.03 #mnn_Aqua
20	Two barred lakes	U of R Students and Sta	1956	A	43.234803955745	-77.52747692508			-Placemark id="NYSGA 1956 A.1.04" NYSGA 1956 A.1.04 #mnn_Aqua
21	Narrow divide	U of R Students and Sta	1956	A	43.236179530438	-77.56827517993			-Placemark id="NYSGA 1956 A.1.05" NYSGA 1956 A.1.05 #mnn_Aqua
22	Bottom of Lake Ingham	U of R Students and Sta	1956	A	43.2303119837709	-77.585933881779			-Placemark id="NYSGA 1956 A.1.06" NYSGA 1956 A.1.06 #mnn_Aqua
23	Offshore bar	U of R Students and Sta	1956	A	43.197349374496	-77.58601463205			-Placemark id="NYSGA 1956 A.1.07" NYSGA 1956 A.1.07 #mnn_Aqua
24	Lagoon	U of R Students and Sta	1956	A	43.195390245478	-77.606335411908			-Placemark id="NYSGA 1956 A.1.08" NYSGA 1956 A.1.08 #mnn_Aqua
25	Stop sign, Traffic circle	U of R Students and Sta	1956	A	43.1921985029105	-77.618009952044			-Placemark id="NYSGA 1956 A.1.09" NYSGA 1956 A.1.09 #mnn_Aqua
26	Private Road	U of R Students and Sta	1956	A	43.187210603221	-77.623822348201			-Placemark id="NYSGA 1956 A.1.10" NYSGA 1956 A.1.10 #mnn_Aqua
27	STOP 2, Rochester Gorp	U of R Students and Sta	1956	A	43.1827127181904	-77.627370105069			-Placemark id="NYSGA 1956 A.2.00" NYSGA 1956 A.2.00 #mnn_Aqua
28	Launch Stop	U of R Students and Sta	1956	A	43.2126746375401	-77.6191951866287			-Placemark id="NYSGA 1956 A.2.01" NYSGA 1956 A.2.01 #mnn_Aqua
29	1B: GLACIAL GEOLOGY	U of R Students and Sta	1956	B					-Placemark id="NYSGA 1956 B.0.00" NYSGA 1956 B.0.00 #mnn_Line
30	1B: GLACIAL GEOLOGY	U of R Students and Sta	1956	B					-Placemark id="NYSGA 1956 B.0.01" NYSGA 1956 B.0.01 #mnn_Line
31	Post-glacial Genesee	U of R Students and Sta	1956	B	43.127198467936	-77.6318681849198			-Placemark id="NYSGA 1956 B.0.02" NYSGA 1956 B.0.02 #mnn_Line
32	West end of Pinnacle Ru	U of R Students and Sta	1956	B	43.120224846095	-77.62918210254			-Placemark id="NYSGA 1956 B.0.03" NYSGA 1956 B.0.03 #mnn_Line
33	Mt. Hope Cemetery	U of R Students and Sta	1956	B	43.124482221835	-77.622303693009			-Placemark id="NYSGA 1956 B.0.04" NYSGA 1956 B.0.04 #mnn_Line
34	View of Pinnacle Range	U of R Students and Sta	1956	B	43.125289791061	-77.609926098621			-Placemark id="NYSGA 1956 B.0.05" NYSGA 1956 B.0.05 #mnn_Line
35	Colgate-Rochester Drive	U of R Students and Sta	1956	B	43.125393136034	-77.5993143973128			-Placemark id="NYSGA 1956 B.0.06" NYSGA 1956 B.0.06 #mnn_Line
36	Highest point on Pinnacle	U of R Students and Sta	1956	B	43.125912146575	-77.592188351215			-Placemark id="NYSGA 1956 B.0.07" NYSGA 1956 B.0.07 #mnn_Line
37	Drumline	U of R Students and Sta	1956	B	43.057749514609	-77.567402278431			-Placemark id="NYSGA 1956 B.1.00" NYSGA 1956 B.1.00 #mnn_Line
38	STOP 1, Gravel pit in ka	U of R Students and Sta	1956	B	43.042786384631	-77.5719007540272			-Placemark id="NYSGA 1956 B.2.00" NYSGA 1956 B.2.00 #mnn_Line
39	STOP 2, Wandon Ponds	U of R Students and Sta	1956	B	43.028719528467	-77.5687170460594			-Placemark id="NYSGA 1956 B.2.01" NYSGA 1956 B.2.01 #mnn_Line
40	Swamp	U of R Students and Sta	1956	B	43.0165209384183	-77.567834960523			-Placemark id="NYSGA 1956 B.2.02" NYSGA 1956 B.2.02 #mnn_Line

Filters

Show rows that match:

all filters

Match the following rule:

Latitude

between 44.26 and 44.69

or...

Text name

NYSGADatThrough2001AsOf13-10-18.numbers - Edited

View Zoom 100% Superscript Subscript Insert Table Chart Text Shape Media Comment Collaborate

Sheet1

Your Latitude: 44.48
Your Longitude: -73.21
Distance: 15 miles

Latitude Range: 44.24 - 44.69
Longitude Range: -73.52 - -72.91

Delta Lat: 0.217546 (671.1005)
Delta Long: 0.30

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	m/deg		deg/mile		Delta Lat	Delta Long				
		name	leader	year	trip	Latitude	Longitude	km1 out3	ID	style
14476		STOP 1. West Shore of F.D. Hawley		1969	A	44.68737220463	-73.34720521217	-Placemark id="1.000"	NYSGA 1969 A.1.00	frmsn_Aqua
14477		STOP 14. Camp Nelson D. Hawley		1969	A	44.68425547233	-73.21289718397	-Placemark id="14.000"	NYSGA 1969 A.14.00	frmsn_Aqua
14478		STOP 15. Clay Point, Ice D. Hawley		1969	A	44.59243905643	-73.21515858322	-Placemark id="15.000"	NYSGA 1969 A.15.00	frmsn_Aqua
14479		STOP 16. From Kibbee P.D. Hawley		1969	A	44.46678175748	-73.28035923704	-Placemark id="16.000"	NYSGA 1969 A.16.00	frmsn_Aqua
14480		STOP 1. First stop of we A.S.Hunt, E.B.Henson		1969	B	44.597395140528	-73.410432019375	-Placemark id="1.000"	NYSGA 1969 B.1.00	frmsn_Line
14481		STOP 2. Middle stop of A.S.Hunt, E.B.Henson		1969	B	44.597266827209	-73.394319138571	-Placemark id="2.000"	NYSGA 1969 B.2.00	frmsn_Line
14482		STOP 3. Last stop of we A.S.Hunt, E.B.Henson		1969	B	44.597239254957	-73.37799261872	-Placemark id="3.000"	NYSGA 1969 B.3.00	frmsn_Line
14483		STOP 4. This is a bluff A.S.Hunt, E.B.Henson		1969						
14484		STOP 5. This stop is to c.A.S.Hunt, E.B.Henson		1969						
14485		STOP 1. Champion thru R.S.Stanley		1969						
14486		STOP 2. Shellbone Acie R.S.Stanley		1969						
14487		STOP 3. Winook Doler R.S.Stanley		1969						
14488		STOP 4. Shellbone Falls R.S.Stanley		1969						
14489		STOP 5. Jones Hill R.S.Stanley		1969						
14490		STOP 6. A Hunt Traversa R.S.Stanley		1969						
14491		STOP 7. Hensberg Over R.S.Stanley		1969						
14492		STOP 8. The Beacon Fire R.S.Stanley		1969	C	44.4054147870584	-73.1469479319056	-Placemark id="8.000"	NYSGA 1969 C.8.00	frmsn_Violet
14493		STOP 1. Champion Sea W.F.Wagner		1969	D	44.5385231294943	-73.2381870264967	-Placemark id="1.000"	NYSGA 1969 D.1.00	frmsn_Yellow
14494		STOP 2. Lake New York W.F.Wagner		1969	D	44.506878616151	-73.18974574789	-Placemark id="2.000"	NYSGA 1969 D.2.00	frmsn_Yellow
14495		STOP 3. Lake New York W.F.Wagner		1969	D	44.4959872130081	-73.1003953681201	-Placemark id="3.000"	NYSGA 1969 D.3.00	frmsn_Yellow
14496		STOP 4. Fort Ann delta W.F.Wagner		1969	D	44.4612847802564	-73.078074647973	-Placemark id="4.000"	NYSGA 1969 D.4.00	frmsn_Yellow
14497		STOP 5. Oak Hill outlet W.F.Wagner		1969	D	44.4145984605068	-73.087479516022	-Placemark id="5.000"	NYSGA 1969 D.5.00	frmsn_Yellow
14498		STOP 6. Ice contact del W.F.Wagner		1969	D	44.416290512902	-73.1064767943559	-Placemark id="6.000"	NYSGA 1969 D.6.00	frmsn_Yellow
14499		STOP 7. Fort Ann bench W.F.Wagner		1969	D	44.3701556815041	-73.1286545664332	-Placemark id="7.000"	NYSGA 1969 D.7.00	frmsn_Yellow
14500		STOP 8. Homoskey draw W.F.Wagner		1969	D	44.35944643414	-73.101504461594	-Placemark id="8.000"	NYSGA 1969 D.8.00	frmsn_Yellow
14501		STOP 9. Ice contact del W.F.Wagner		1969	D	44.3183591564043	-73.0755782123711	-Placemark id="9.000"	NYSGA 1969 D.9.00	frmsn_Yellow
14502		STOP 10. Kane terrace W.F.Wagner		1969	D	44.2921547229024	-73.0702715415541	-Placemark id="10.000"	NYSGA 1969 D.10.00	frmsn_Yellow
14503		STOP 11. The Coveville W.F.Wagner		1969	D	44.2870282883764	-73.0434124648461	-Placemark id="11.000"	NYSGA 1969 D.11.00	frmsn_Yellow
14504		STOP 14. Shoreline east W.F.Wagner		1969	D	44.2702505464418	-73.2218043650467	-Placemark id="14.000"	NYSGA 1969 D.14.00	frmsn_Yellow
14505		STOP 15. Twitt Hill loc W.F.Wagner		1969	D	44.23822864874	-73.178912396798	-Placemark id="15.000"	NYSGA 1969 D.15.00	frmsn_Yellow
14506		STOP 16. Twitt Hill loc W.F.Wagner		1969	D	44.262745948454	-73.245962170707	-Placemark id="16.000"	NYSGA 1969 D.16.00	frmsn_Yellow
14507		STOP 1. Whiteface Mt. J.L.Craft		1969	G	44.3632132120221	-73.8810710848961	-Placemark id="1.000"	NYSGA 1969 G.1.00	frmsn_HotPink
14508		STOP 2. Top of Whiteface J.L.Craft		1969	G	44.365895947384	-73.8022781264628	-Placemark id="2.000"	NYSGA 1969 G.2.00	frmsn_HotPink
14509		STOP 3. Atmospheric S.J.L.Craft		1969	G	44.3929057846053	-73.858264702182	-Placemark id="3.000"	NYSGA 1969 G.3.00	frmsn_HotPink
14510		STOP 1. Locality A, Jay. B. VanDiver		1969	H	44.3849139483461	-73.7214199977608	-Placemark id="1.000"	NYSGA 1969 H.1.00	frmsn_DarkSeaGreen
14511		STOP 2. --- Distinct --- B. VanDiver		1969	H	44.4145196254071	-73.6936745195108	-Placemark id="2.000"	NYSGA 1969 H.2.00	frmsn_DarkSeaGreen
14512		STOP 3. Roadcut South i. B. VanDiver		1969	H	44.364292425093	-73.841648544842	-Placemark id="3.000"	NYSGA 1969 H.3.00	frmsn_DarkSeaGreen
14513		STOP 4. Stream worn in B. VanDiver		1969	H	44.3371152763647	-73.8710310527801	-Placemark id="4.000"	NYSGA 1969 H.4.00	frmsn_DarkSeaGreen
14514		STOP 5. 6. 7. --- Wheat B. VanDiver		1969	H	44.399411760649	-73.8108026119327	-Placemark id="5.000"	NYSGA 1969 H.5.00	frmsn_DarkSeaGreen

Filters

Show rows that match:

all filters

Match the following rule:

Latitude

between

44.26 and 44.69

or...

... then, fill in the blanks from the results shown at the top of the spreadsheet.

NYSGADatThrough2001AsOf3-10-18.numbers - Edited

View Zoom 100% Superscript Subscript Insert Table Chart Text Shape Media Comment Collaborate

Format Sort & Filter

Filters show rows that match the rules you specify and hide the rest.

Add a Filter...

Filters

Show rows that match:

all filters

Latitude

Match the following rule:

between and

Longitude

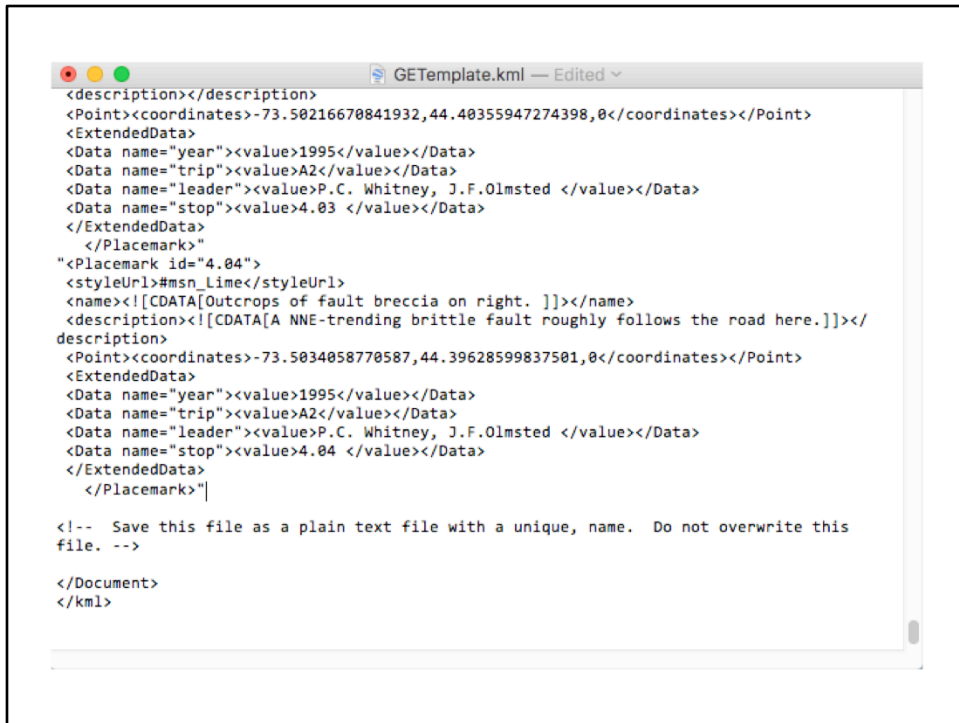
Match the following rule:

between and

When you have narrowed the list to your liking, copy the cells in the "kml out3" column and paste them into the GETemplate.kml document, near the end.

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STOP 1. West Shore of S. D. Hawley	1969	A	44.68737230043	-73.347205212117	-Placemark id="1.000" NYSGA 1969 A 1.00	1969A1.000	Blue
STOP 14. Camp Wilson D. Hawley	1969	A	44.68825447223	-73.212897119397	-Placemark id="14.000" NYSGA 1969 A 14.00	1969A14.000	Blue
STOP 15. Clay Point, Ice D. Hawley	1969	A	44.69243905643	-73.23519586322	-Placemark id="15.000" NYSGA 1969 A 15.00	1969A15.000	Blue
STOP 16. From Kibbee P. D. Hawley	1969	A	44.66678773768	-73.280399237041	-Placemark id="16.000" NYSGA 1969 A 16.00	1969A16.000	Blue
STOP 1. First stop of ice S. Hunt, E.B. Henson	1969	B	44.597995702528	-73.410463203375	-Placemark id="1.000" NYSGA 1969 B 1.00	1969B1.000	Blue
STOP 2. Middle stop of ice S. Hunt, E.B. Henson	1969	B	44.597995702528	-73.410463203375	-Placemark id="2.000" NYSGA 1969 B 2.00	1969B2.000	Blue
STOP 3. Last stop of ice S. Hunt, E.B. Henson	1969	B	44.597995702528	-73.410463203375	-Placemark id="3.000" NYSGA 1969 B 3.00	1969B3.000	Blue
STOP 4. This is a shallow ice S. Hunt, E.B. Henson	1969	B	44.597995702528	-73.410463203375	-Placemark id="4.000" NYSGA 1969 B 4.00	1969B4.000	Blue
STOP 5. This stop is to ice S. Hunt, E.B. Henson	1969	B	44.597995702528	-73.410463203375	-Placemark id="5.000" NYSGA 1969 B 5.00	1969B5.000	Blue
STOP 1. Champlain thru R. S. Stanley	1996	A	44.272503446418	-73.2218063450667	-Placemark id="1.000" NYSGA 1996 A 1.00	1996A1.000	Yellow
STOP 2. Shelburne Ice R. S. Stanley	1996	A	44.272503446418	-73.2218063450667	-Placemark id="2.000" NYSGA 1996 A 2.00	1996A2.000	Yellow
STOP 3. Winooki Doler R. S. Stanley	1996	A	44.272503446418	-73.2218063450667	-Placemark id="3.000" NYSGA 1996 A 3.00	1996A3.000	Yellow
STOP 4. Shelburne Falls R. S. Stanley	1996	A	44.272503446418	-73.2218063450667	-Placemark id="4.000" NYSGA 1996 A 4.00	1996A4.000	Yellow
STOP 5. Jones Hill R. S. Stanley	1996	A	44.272503446418	-73.2218063450667	-Placemark id="5.000" NYSGA 1996 A 5.00	1996A5.000	Yellow
STOP 6. A short traverse R. S. Stanley	1996	A	44.272503446418	-73.2218063450667	-Placemark id="6.000" NYSGA 1996 A 6.00	1996A6.000	Yellow
STOP 7. Hensborg thru R. S. Stanley	1996	A	44.272503446418	-73.2218063450667	-Placemark id="7.000" NYSGA 1996 A 7.00	1996A7.000	Yellow
STOP 8. The Racine Fir R. S. Stanley	1996	A	44.272503446418	-73.2218063450667	-Placemark id="8.000" NYSGA 1996 A 8.00	1996A8.000	Yellow
STOP 1. Champlain Sea W. P. Wagner	1969	D	44.2921547229024	-73.0702715416541	-Placemark id="1.000" NYSGA 1969 D 1.00	1969D1.000	Yellow
STOP 2. Lake New York W. P. Wagner	1969	D	44.2921547229024	-73.0702715416541	-Placemark id="2.000" NYSGA 1969 D 2.00	1969D2.000	Yellow
STOP 3. Lake New York W. P. Wagner	1969	D	44.2921547229024	-73.0702715416541	-Placemark id="3.000" NYSGA 1969 D 3.00	1969D3.000	Yellow
STOP 4. Fort Ann delta W. P. Wagner	1969	D	44.2921547229024	-73.0702715416541	-Placemark id="4.000" NYSGA 1969 D 4.00	1969D4.000	Yellow
STOP 5. Oak Hill delta W. P. Wagner	1969	D	44.2921547229024	-73.0702715416541	-Placemark id="5.000" NYSGA 1969 D 5.00	1969D5.000	Yellow
STOP 6. Ice contact del W. P. Wagner	1969	D	44.2921547229024	-73.0702715416541	-Placemark id="6.000" NYSGA 1969 D 6.00	1969D6.000	Yellow
STOP 7. Fort Ann bench W. P. Wagner	1969	D	44.2921547229024	-73.0702715416541	-Placemark id="7.000" NYSGA 1969 D 7.00	1969D7.000	Yellow
STOP 8. Hamondy sea W. P. Wagner	1969	D	44.2921547229024	-73.0702715416541	-Placemark id="8.000" NYSGA 1969 D 8.00	1969D8.000	Yellow
STOP 9. Ice contact del W. P. Wagner	1969	D	44.2921547229024	-73.0702715416541	-Placemark id="9.000" NYSGA 1969 D 9.00	1969D9.000	Yellow
STOP 10. Kame terrace W. P. Wagner	1969	D	44.2921547229024	-73.0702715416541	-Placemark id="10.000" NYSGA 1969 D 10.00	1969D10.000	Yellow
STOP 11. Pine Coveville W. P. Wagner	1969	D	44.2921547229024	-73.0702715416541	-Placemark id="11.000" NYSGA 1969 D 11.00	1969D11.000	Yellow
STOP 14. Shoreline east W. P. Wagner	1969	D	44.272503446418	-73.2218063450667	-Placemark id="14.000" NYSGA 1969 D 14.00	1969D14.000	Yellow
STOP 15. Swift Hill ice W. P. Wagner	1969	D	44.272503446418	-73.2218063450667	-Placemark id="15.000" NYSGA 1969 D 15.00	1969D15.000	Yellow
STOP 16. Swift Hill ice W. P. Wagner	1969	D	44.272503446418	-73.2218063450667	-Placemark id="16.000" NYSGA 1969 D 16.00	1969D16.000	Yellow
STOP 7. Landside Scar J. A. Denner, D. A. Francis	1988	A1	44.489484807534	-73.4899108873607	-Placemark id="7.000" NYSGA 1988 A1 7.00	1988A1.000	Blue
Asphalt Chert J. A. Denner, D. A. Francis	1988	A1	44.525158619276	-73.462327415985	-Placemark id="7.010" NYSGA 1988 A1 7.01	1988A1.010	Blue
Surface of Champlain Su J. A. Denner, D. A. Francis	1988	A1	44.5579626217258	-73.468460542171	-Placemark id="7.020" NYSGA 1988 A1 7.02	1988A1.020	Blue
Surface of Champlain Ss J. A. Denner, D. A. Francis	1988	A1	44.567814212101	-73.449423465568	-Placemark id="7.030" NYSGA 1988 A1 7.03	1988A1.030	Blue
Entrance to Asable Fir J. A. Denner, D. A. Francis	1988	A1	44.57839519045	-73.441467064738	-Placemark id="7.040" NYSGA 1988 A1 7.04	1988A1.040	Blue
STOP 1. West Shore of Rolfe S. Stanley	1988	A3	44.68574775965	-73.3472485347623	-Placemark id="1.000" NYSGA 1988 A3 1.00	1988A3.000	Blue
STOP 2. Lessor's Quar Rolfe S. Stanley	1988	A3	44.658197828845	-73.3370172844315	-Placemark id="2.000" NYSGA 1988 A3 2.00	1988A3.000	Blue
STOP 3. "The Bean" Rolfe S. Stanley	1988	A3	44.650338724702	-73.319033880998	-Placemark id="3.000" NYSGA 1988 A3 3.00	1988A3.000	Blue

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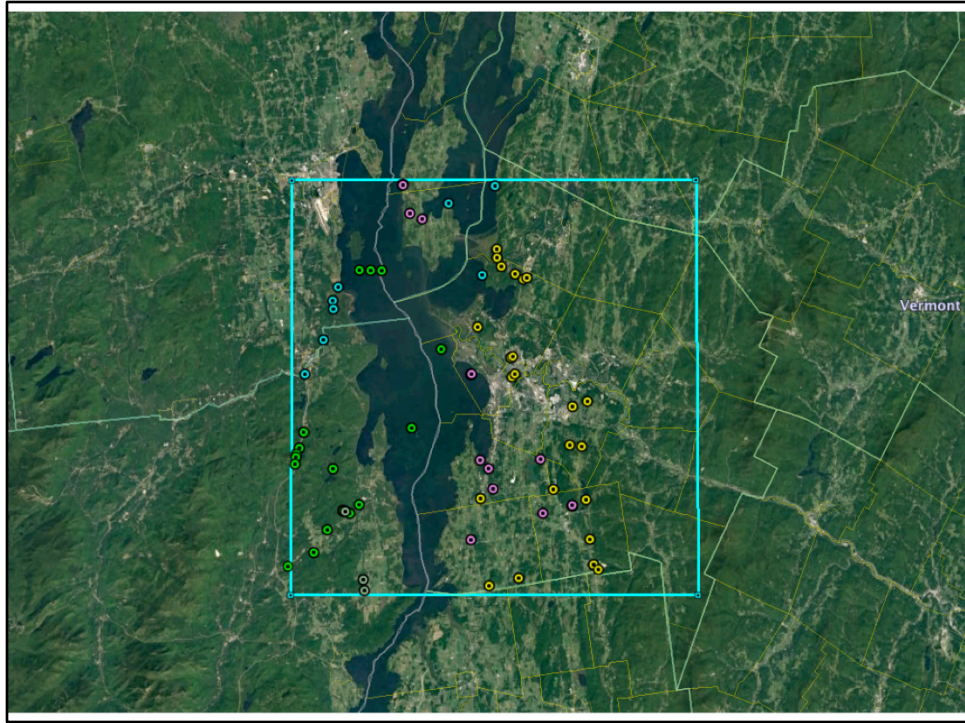
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description>
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<ExtendedData>
<Data name="year"><value>1995</value></Data>
<Data name="trip"><value>A2</value></Data>
<Data name="leader"><value>P.C. Whitney, J.F.Olmsted </value></Data>
<Data name="stop"><value>4.04 </value></Data>
</ExtendedData>
</Placemark>"|

<!-- Save this file as a plain text file with a unique, name. Do not overwrite this
file. -->

</Document>
</kml>
```

Rather than coming up with a macro to output the results as a formatted kml file, we chose to provide a Textedit document with the formatting, and let the user paste in the results of the search. (Many users avoid macros because of security concerns, and this way a user knows exactly what is happening.) The document GETemplatekml contains the HTML code which formats the found list of stops into a Google Earth readable document. It is available here:

<http://ottohmuller.com/nysga2ge/GETemplate.kml>



Here are the results for that 30 mile square.

NYSGDataThrough2001AsOf10-18.numbers - Edited

View 100% Zoom

Superscript Subscript Insert Table Chart Text Shape Media Comment Collaborate

Format Sort & Filter

Sort Filter

Filters show rows that match the rules you specify and hide the rest.

Add a Filter...

Filters

Show rows that match:

all filters

Latitude

Match the following rule:

between

44.26 and 44.69

or...

Longitude

Match the following rule:

between

-73.52 and -72.91

or...

kml out3

Match the following rule:

text contains

delta

or...

Your Latitude 44.48
Your Longitude -73.21
Distance 15 miles

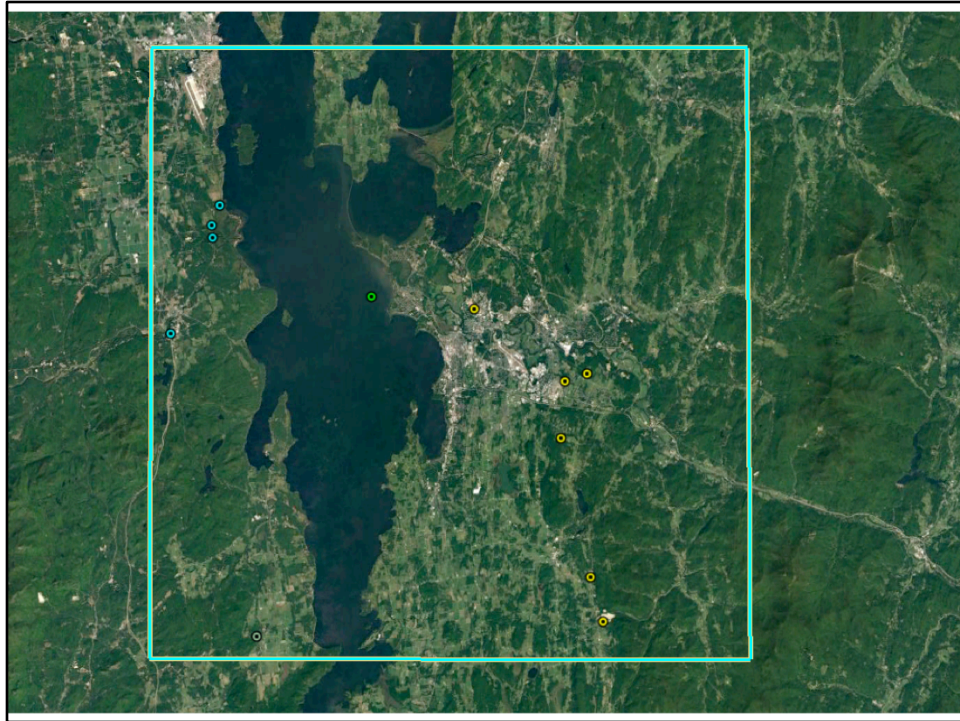
Latitude Range: 44.26 44.69
Longitude Range: -73.52 -72.91

Delta Lat 0.217194416711005
Delta Long 0.30

	A	B	C	D	E	F	G	H	I
	miles		deg/mile						
1149	STOP 4. This is a Shiloh's name, E.B.Henson	1969	B		44.5156280642294	-73.291252588537	-Placemark id="4.00"	NYSGA 1969 B 4.00	Irmsn_Lime
1150	STOP 2. Lake New York W.P.Wagner	1969	D		44.506878616151	-73.189765374789	-Placemark id="2.00"	NYSGA 1969 D 2.00	Irmsn_Yellow
1151	STOP 3. Lake New York W.P.Wagner	1969	D		44.4959872130081	-73.1002953661201	-Placemark id="3.00"	NYSGA 1969 D 3.00	Irmsn_Yellow
1152	STOP 4. Fort Ann delta W.P.Wagner	1969	D		44.4612867800564	-73.0786074647573	-Placemark id="4.00"	NYSGA 1969 D 4.00	Irmsn_Yellow
1153	STOP 6. Ice-contact del W.P.Wagner	1969	D		44.416226523262	-73.1046078763559	-Placemark id="6.00"	NYSGA 1969 D 6.00	Irmsn_Yellow
1154	STOP 9. Ice-contact del W.P.Wagner	1969	D		44.3183919540543	-73.0755786125711	-Placemark id="9.00"	NYSGA 1969 D 9.00	Irmsn_Yellow
1155	STOP 11. Pre-Coveille W.P.Wagner	1969	D		44.2870238837364	-73.0834132462461	-Placemark id="11.00"	NYSGA 1969 D 11.00	Irmsn_Yellow
1164	STOP 7. Laodisole Scar J.A.Diermer, D.A.Franzi	1988	A1		44.4894448407534	-73.4895108276027	-Placemark id="7.00"	NYSGA 1988 A1 7.00	Irmsn_Aqua
1165	Surface of Champlain Sr J.A.Diermer, D.A.Franzi	1988	A1		44.5570942017258	-73.4484608542711	-Placemark id="7.02"	NYSGA 1988 A1 7.02	Irmsn_Aqua
1166	Surface of Champlain Sr J.A.Diermer, D.A.Franzi	1988	A1		44.5657814212101	-73.4494252455584	-Placemark id="7.03"	NYSGA 1988 A1 7.03	Irmsn_Aqua
1167	Distance to Anable Pt J.A.Diermer, D.A.Franzi	1988	A1		44.5788191190645	-73.4414878768778	-Placemark id="7.04"	NYSGA 1988 A1 7.04	Irmsn_Aqua
1170	STOP 5. Stump-earthfile D.A.Franzi and T.M.Cox	1988	B1a		44.2765984748422	-73.4043447760046	-Placemark id="5.00"	NYSGA 1988 B1a 5.00	Irmsn_DarkSeaGreen

Text name

These results can be filtered further, of course. Here we find only those stops within the square that contain the word "delta" in their description.



And it kicks out the kml for the 12 Placemarks containing “delta”.

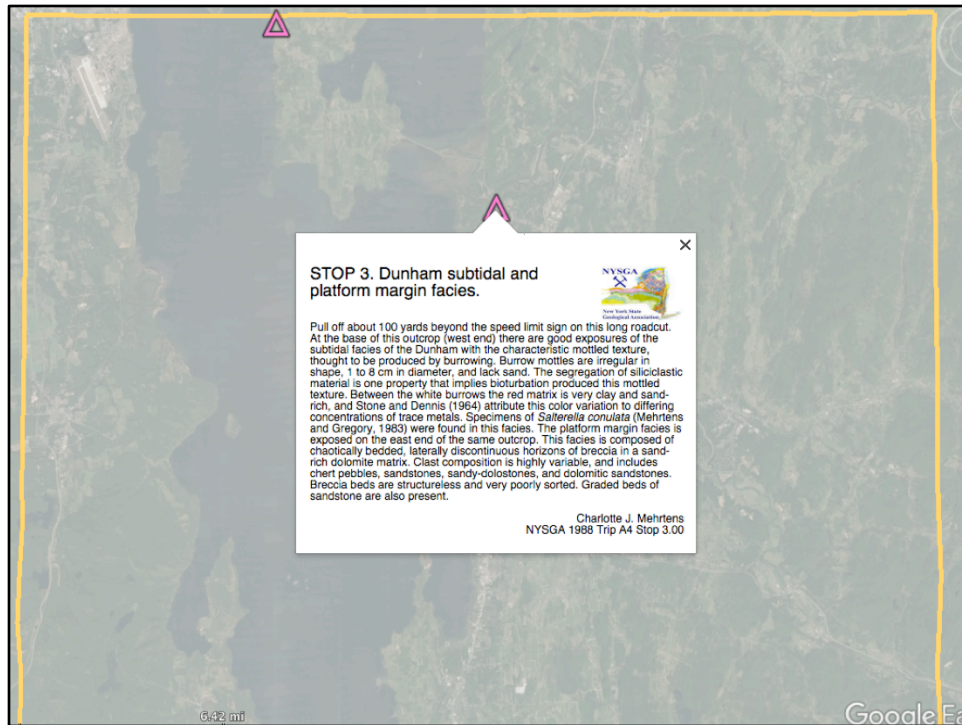
The screenshot shows a Google Sheets spreadsheet with a filter panel on the right. The spreadsheet has the following data:

	A	B	C	D	E	F	G	H	I
		111121.54		0.01 deg/mile	0.217194616711005	0.30			
	name	leader	year	trip	Latitude	Longitude	kml out3	ID	style
STOP 1	West shore of S O Hawley		1969	A	44.6867572300463	-73.3472085212117	"Placemark id="1.00"	NYSGA 1969 A-1.00	#msn_Aqua
STOP 3	Dunham subtid Charlotte J. Mehlrens		1988	A4	44.601244958216	-73.203559818719	"Placemark id="3.00"	NYSGA 1988 A4-3.00	#msn_Yellow

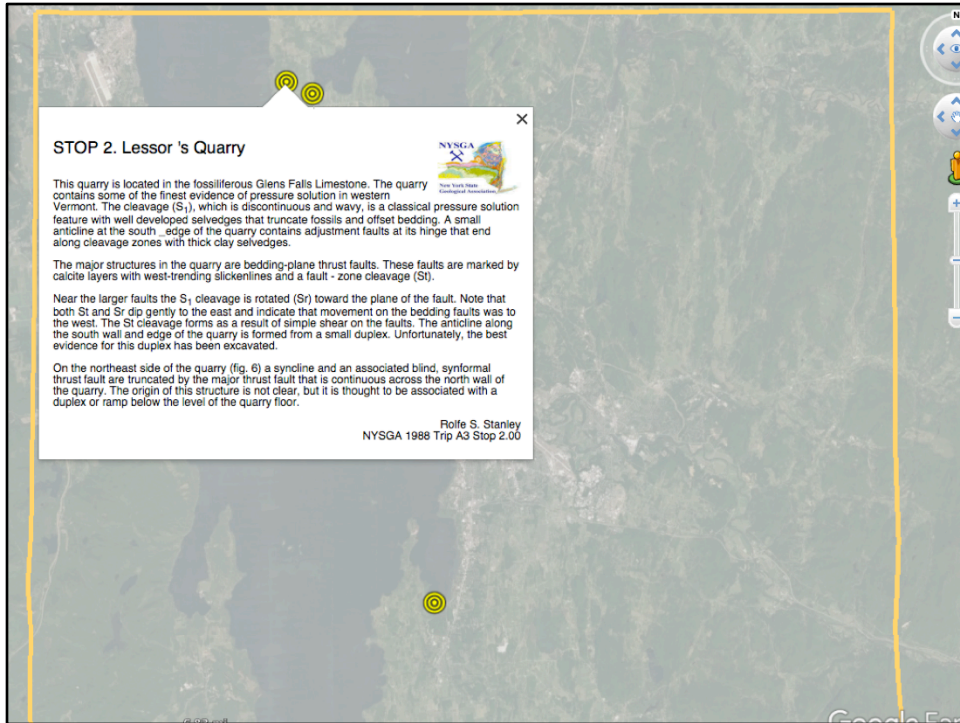
The filter panel on the right is configured as follows:

- Filters:** Checked
- Show rows that match: all filters
- Latitude:** Match the following rule: between 44.26 and 44.69
- Longitude:** Match the following rule: between -73.52 and -72.91
- kml out3:** Match the following rule: text contains <i>

We used the HTML tag `<i>` to format the names of fossils which were italicized in the Guidebooks. Other uses of italics were formatted using the `` tag. This permits users to easily find locations where fossils were identified on the genus or species level.



Within our 30 mile square, there were only two stops where fossils were identified with italics.



Once the template is filled with the selected data, and output as a kml file, the balloons show up in Google Earth, with all the HTML formatting applied.

1987 New Paltz	
1988 Plattsburgh	
	Entire Guidebook All
	Table of Contents
	A1 - Aspects of the Glacial Geology of Keene and Lower Ausable Valleys, Northeastern Adirondack Mountains, New York A1
	A2 - Geology and Petrology of Mounts Johnson & St.-Hilaire, Monteregian Hills Petrographic Province A2
	A3 - Foreland Deformation as Seen in Western Vermont A3
	A4 - The Cambrian Platform and Platform Margin in Northwestern Vermont A4
	A5 - Grenville Calc-Silicate, Anorthosite, Gabbro, and Iron-Rich Syenitic Rocks From the Northeastern Adirondacks A5
1988	A6 - Metasedimentary and Metavolcanic Rocks of the Ausable Syncline, Northeastern Adirondacks A6
Plattsburgh	A7 - Iron Industry of the Eastern Adirondack Region A7
	B1a - Late Wisconsinan Lacustrine and Marine Environments in the Champlain Lowland, New York and Vermont B1a
	B1b - Late Quaternary Glacial to Marine Successions in the Central St. Lawrence Lowland B1b
	B2 - Dikes of the Northeast Adirondack Region - Introduction to their Distribution, Orientation, Mineralogy, Chronology, Magnetism, Chemistry, and Mystery B2
	B3 - Middle Ordovician Stratigraphy and Sedimentology - Southern Lake Champlain Valley B3
	B4 - Geology of the Wiusboro Wollastonite Mine B4
1989 Middletown Orange County Community College	

From the found set of placemarks, users can identify the trips of interest. Rather than downloading the entire Guidebook, just the trips of interest can be downloaded. This may be useful if putting the pdf files on a mobile device to refer to in the field. The kml file for the trip is a link in the right hand column.

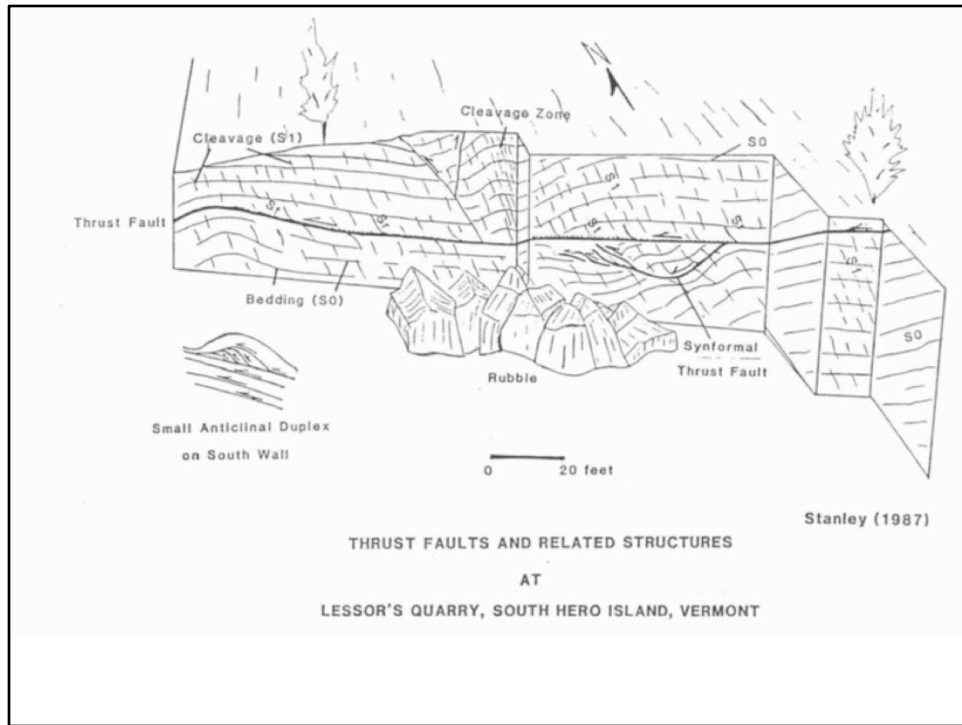
1968 Flushing

1969 Plattsburgh

	Entire Guidebook	All
	Table of Contents	
	A- Sedimentary Characteristics and Tectonic Deformation of Ordovician Shales NW VT	A
	B- Recent Sedimentation and Water Properties, Lake Champlain	B
	C- Bedrock Geology of the southern Portion of the Hinesburg Synclinorium	C
1969	D- The Late Pleistocene of the Champlain Valley, VT	D
Plattsburgh	E- Stratigraphy of the Shazy Group (Mid Ordovician) in the Northern Champlain Valley	E
	F- The Paleocology of Chazyan (Lower Middle Ordovician) Reefs or Mounds	F
	G- Surficial Geology and Geomorphology of Whiteface Mountain and Keene Valley	G
	H- Meta-Anorthosite of the Jay-Whiteface Nappe, NE Adirondacks, NY	H
	I- Deglacial History of the Lake Champlain-Lake George Lowland	
	J- Surficial Geology of the International Lead Company McIntyre Development at Tahawas, NY	J

1970 Cortland

1971 Potsdam



The actual texts from the field trips contain a great deal of information beyond what is shown in the description of the stops. (Those descriptions come from the Road Logs of the field trips, and are often very abbreviated.) Here is a sketch of the quarry as it appeared in 1987.



