

How to Generate a Single-point Analysis for Multiple Dates at Once

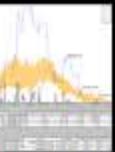


Antecedent Precipitation Tool
Version 1.0

Written by Jason Deters
U.S. Army Corps of Engineers



Open the APT



Antecedent
Precipitation
Tool

Validating Desktop shortcut...

++++ +++ +++
hNNN +NNNy hNNm
hMMNhMMMyhMMN
sNMMMMMMMMMMMd
+mMMMMMMMMMs
dMMMr++MMMM+
dMMMr MMM+
dMMMr MMM+
dMMMo oMMMyyyyyy hMMMMMMMMMyyyyyy dMMMsodMMMs
dMMMs
dMMMs
dMMMNyyMMMMMyymMMh+ hMMMNyyMMMMMyhmMMs
dMMMr MMMMM dMMN
dMMMr MMMMM+ dMMm
+dMMMr++MMMMMdNNM
hMMMMMNMMMMMMMMNm
hMMMMMMMMMMMMMMNMhhhhhhhNMMMMMMMMMMMMMMMMMo
ymm+

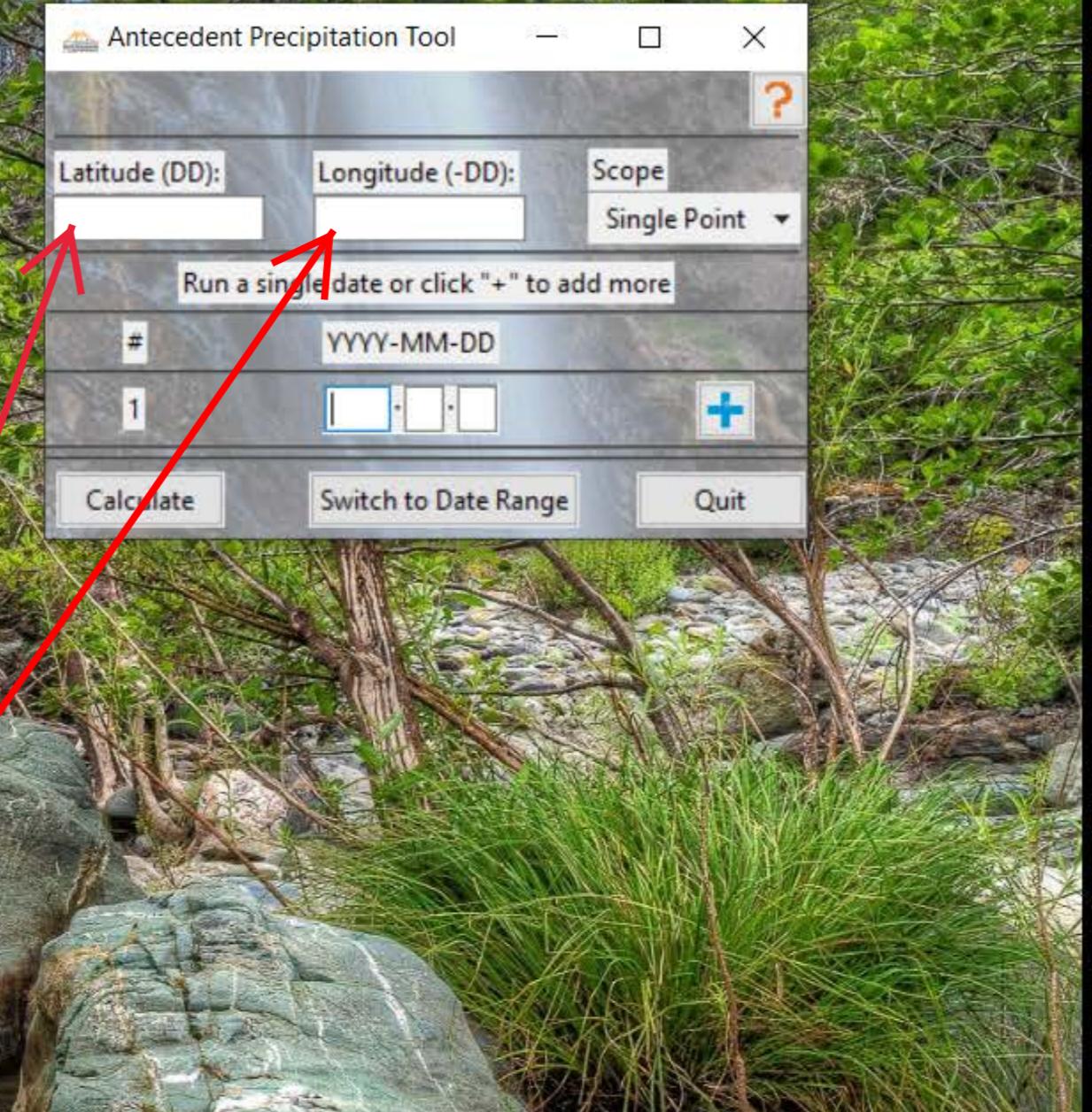


-Written by:
Jason C. Deters,
U.S. Army Corps of Engineers.

Launching Graphical User Interface...

Enter the Latitude and Longitude of the location to
be analyzed in Decimal Degree format (DD.dddddd)

NOTE: Longitudes in the U.S. are negative, so your
entry should start with a minus "-" symbol.



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Validating Desktop shortcut...

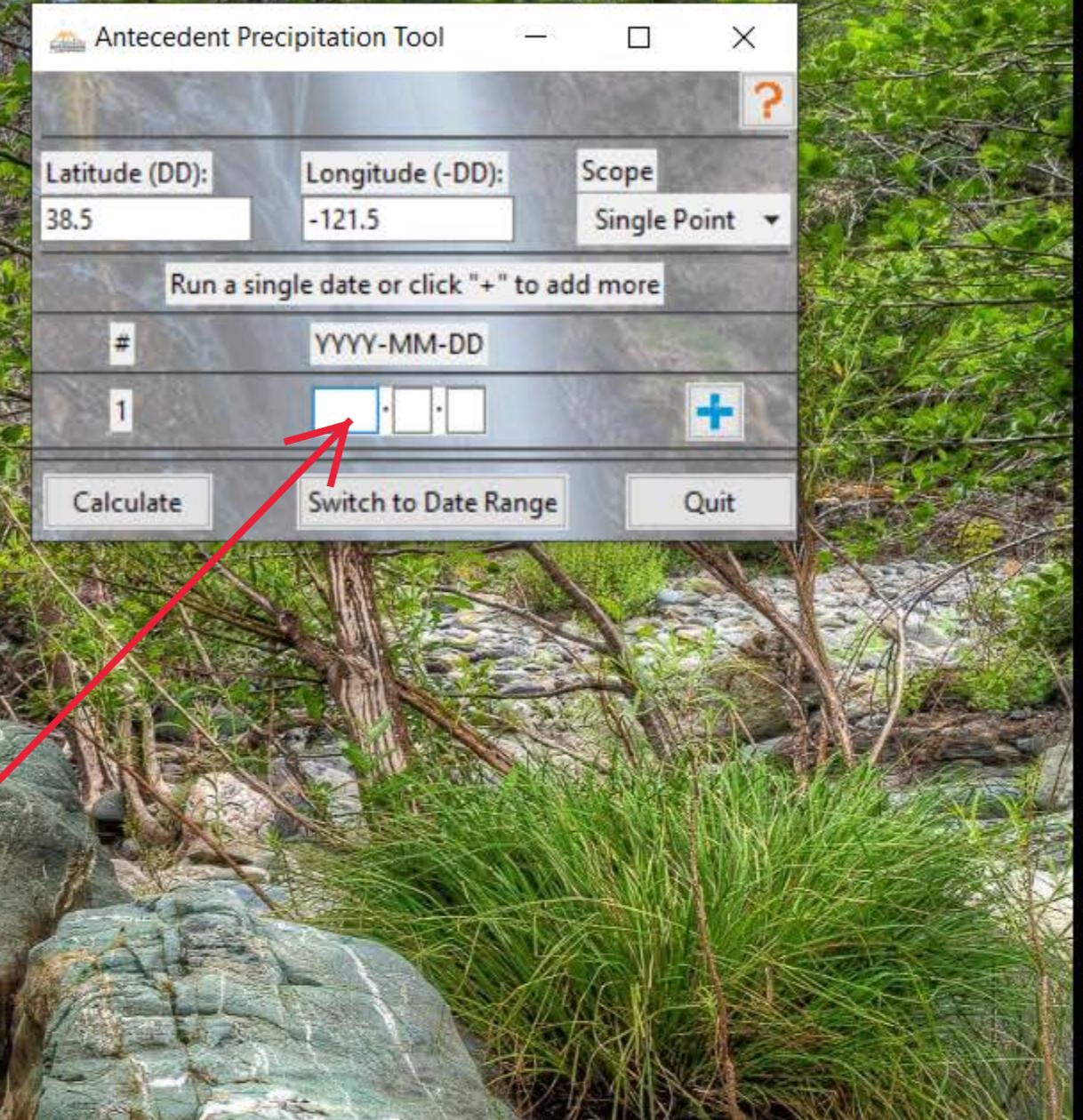
++++ +++ +++
hNNN +NNNy hNNm
hMMNhMMMyhMMN
sNMMMMMMMMMMMd
+mMMMMMMMMMs
dMMMr++MMMM+
dMMMr MMM+
dMMMr MMM+
dMMMo oMMMyyyyyy hMMMMMMMMMyyyyyy dMMMsodMMMs
dMMMs
dMMMs
dMMMNyyMMMMMyymMMh+
dMMMr MMMMM dMMN
dMMMr MMMMM+ dMMm
+dMMMr++MMMMMdNNMm
hMMMMMNMMMMMMMMNm
hMMMMMMMMMMMMMMMMNhhhhhhhNMMMMMMMMMMMMMMMMMo
ymm+



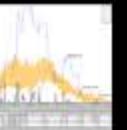
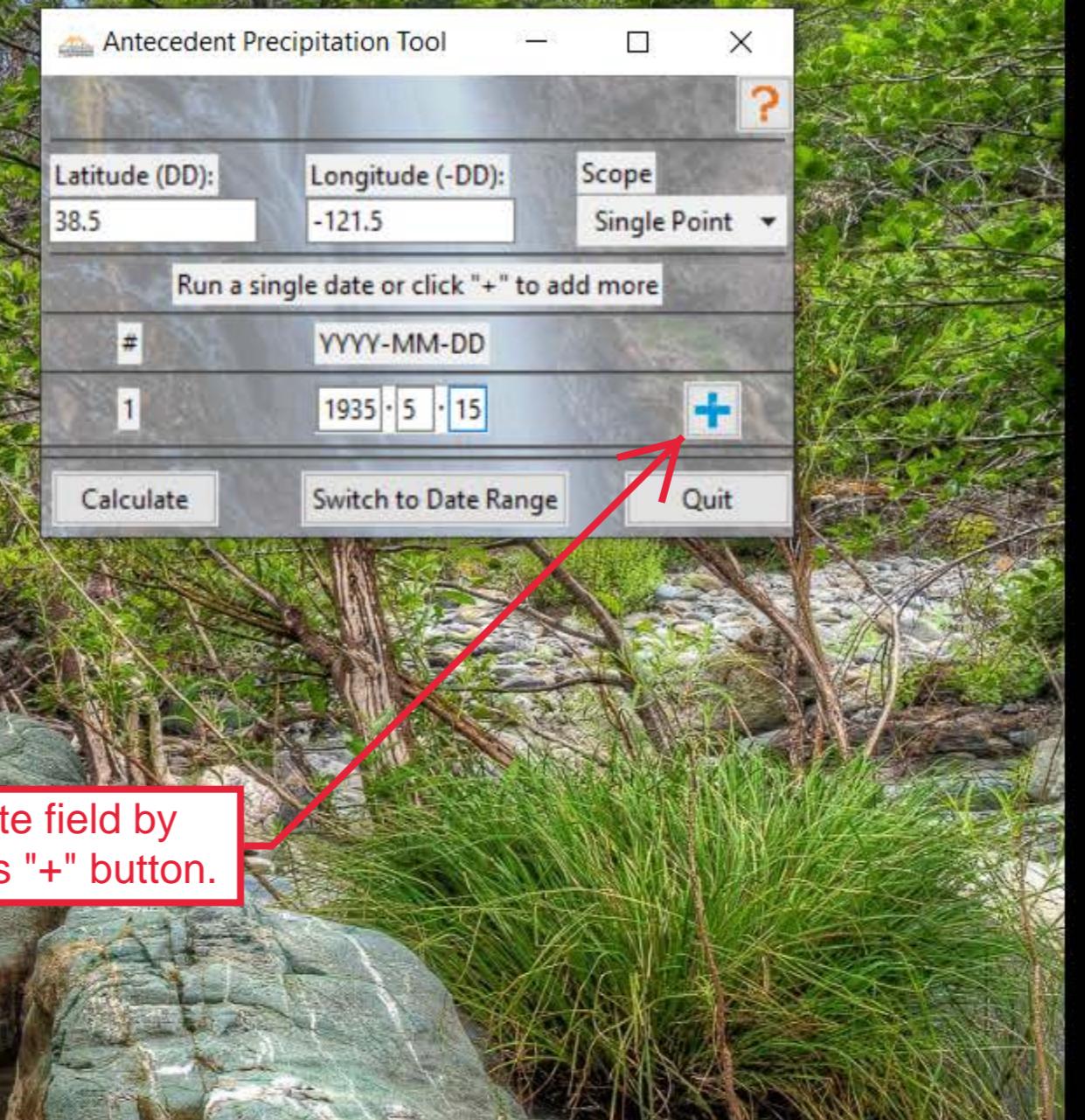
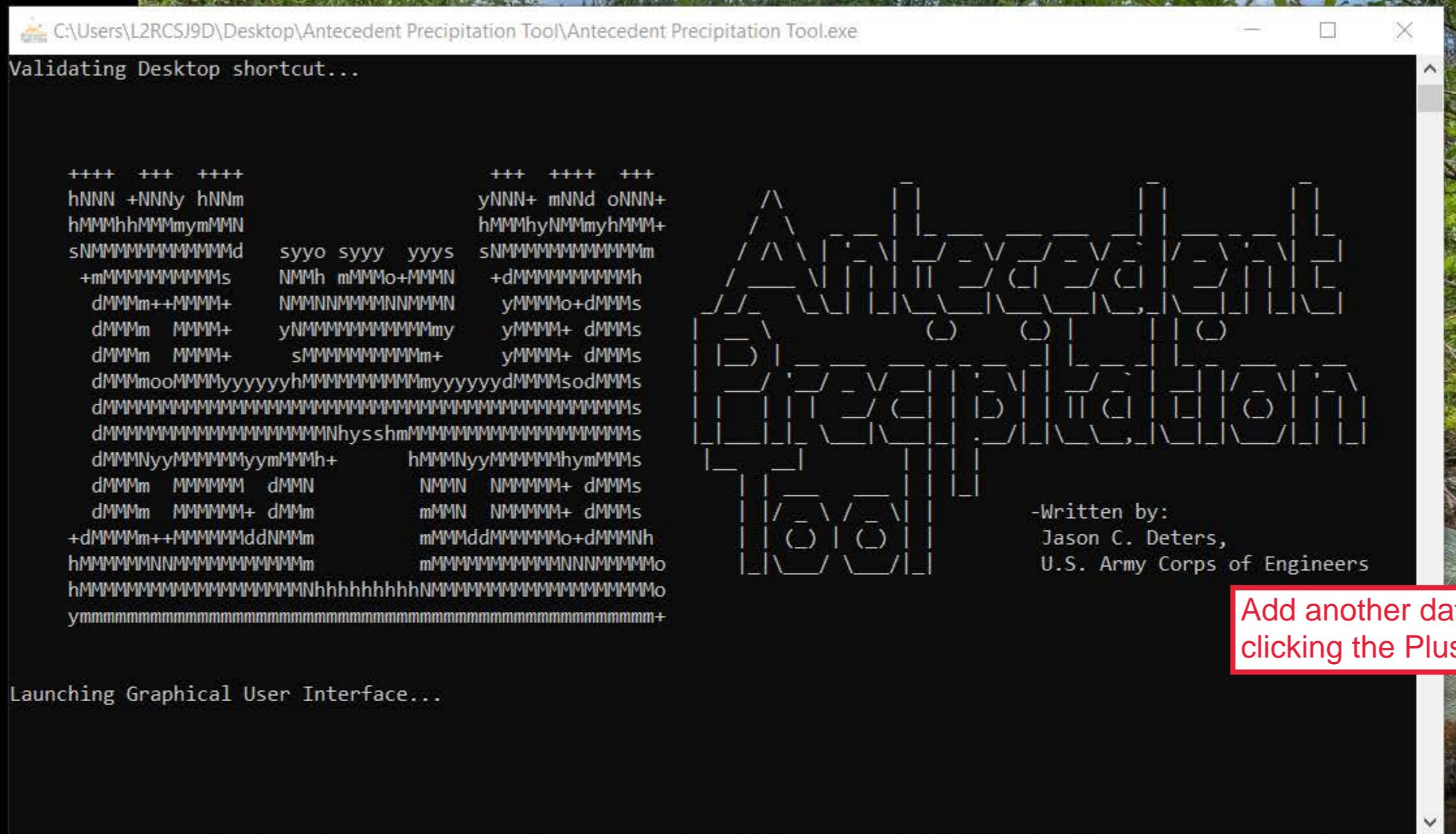
-Written by:
Jason C. Deters,
U.S. Army Corps of Engineers

Launching Graphical User Interface...

Enter the first date you wish to analyze in YYYY-MM-DD format.



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Add another date field by clicking the Plus "+" button.

Validating Desktop shortcut...

++++ +++ +++
hNNN +NNNy hNNm
hMMhMMmyMMMN
sNMMMMMMMMMMMd
+mMMMMMMMs
dMMMr++MMMM+
dMMMr MMM+
dMMMr MMM+
dMMMooyMMMyyyyyy hMMMMMMMMMyyyyyydMMMsodMMMs
dMMMMMMMMMMMMMMhysshM MM MM MM MM MM MM MM MM
dMMNyMyyMMMMMyymMMh+ hMMNyM yMMMMhymMMs
dMMMr M M M M dMMN NMMN N M M M + dMMMs
dMMMr M M M M + dMMm mMMN N M M M + dMMMs
+dMMMr++MMMMMdNMMm mMMddMMMMMo+dMMNh
hMMMMNNMMMMMMMMm mMMMMMMMMMMNNNNMMMMo
hMMMMMMMMMMMMMMNNhhhhhhhNMMMMMMMMMMMMMMMo
ymm+

Launching Graphical User Interface...



-Written by:
Jason C. Deters,
U.S. Army Corps of Engineers

Add the next date to be
analyzed to the new field.

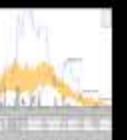
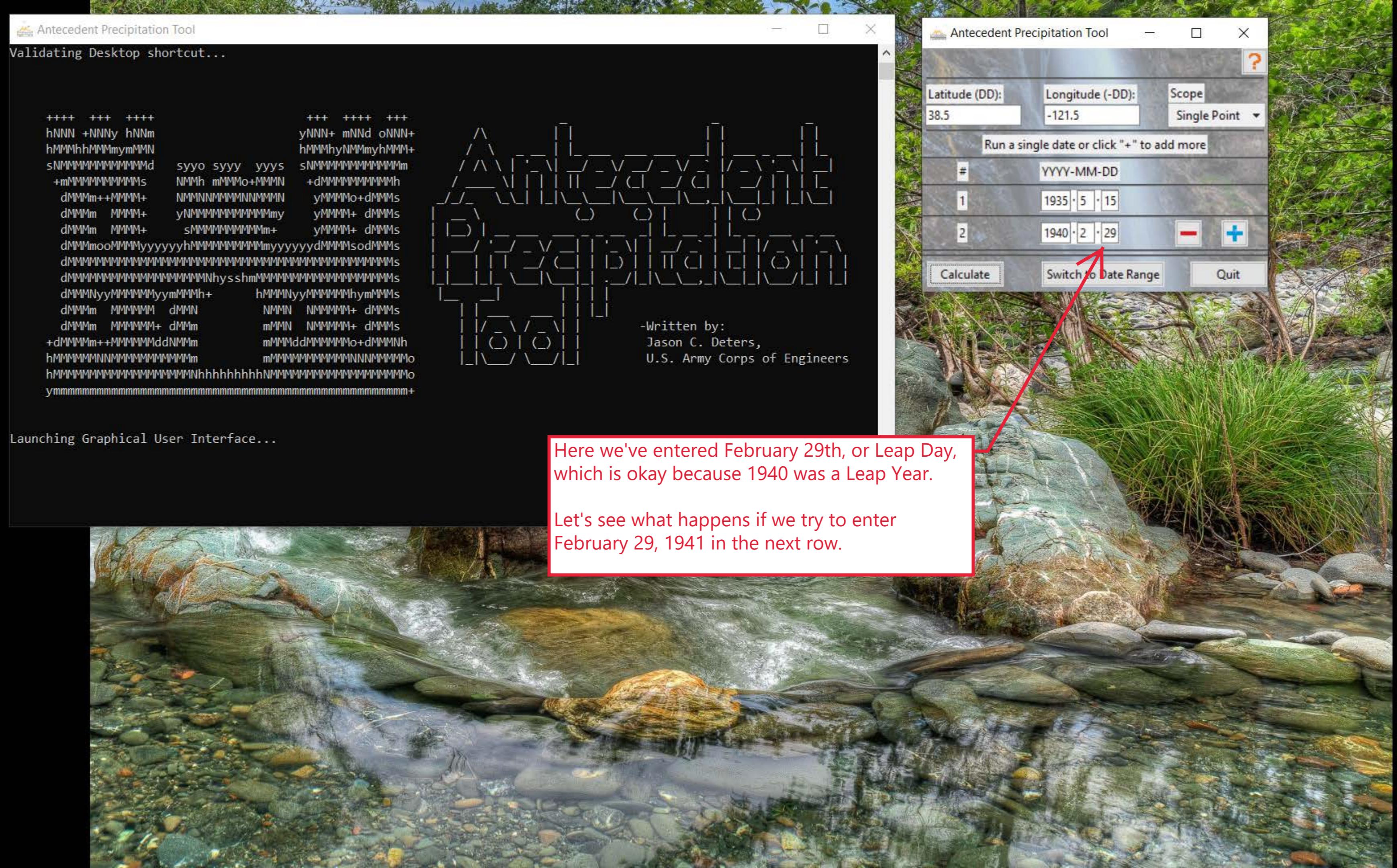
Antecedent Precipitation Tool

Latitude (DD): 38.5 Longitude (-DD): -121.5 Scope Single Point

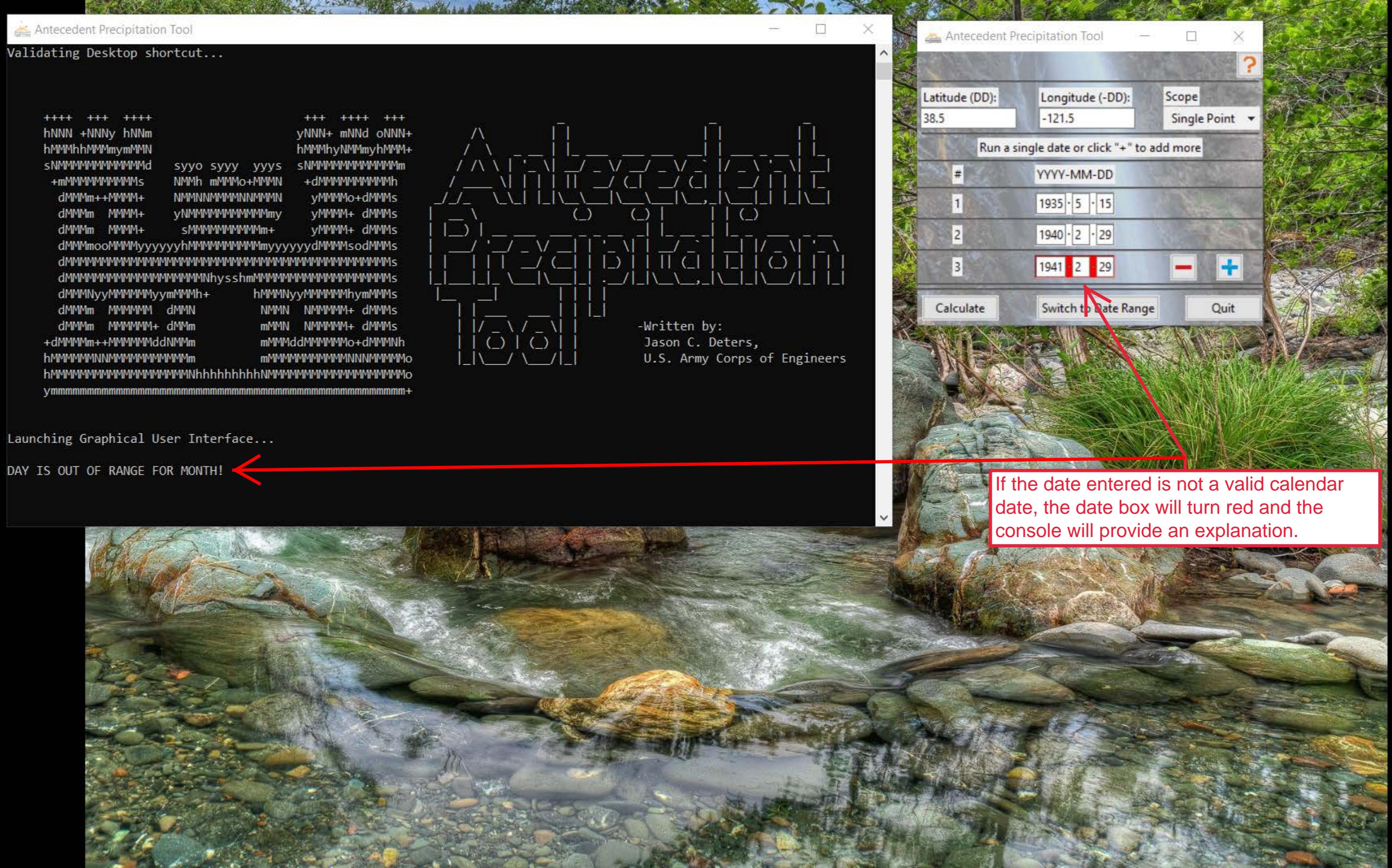
Run a single date or click "+" to add more

#	YYYY-MM-DD
1	1935 · 5 · 15
2	[] · [] · []

Calculate Switch to Date Range Quit



Antecedent Precipitati...



Antecedent Precipitation Tool

Validating Desktop shortcut...

```
++++ +++ ++++
hNNN +NNNy hNNm
hMMhhMMmymMMN
sNMMMMMMMMMMMd
+mMMMMMMMMMs
dMMMm++MMMM+
dMMMs MMM+
dMMMm MMM+
dMMMmooMMMyyyyyyhyhMMMMMMMMMyyyyyyddMMMMsodMMMs
dMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMs
dMMMMMMMMMMMMMMMMNhysshMmmMMMMMMMMMMMMMMMMMs
dMMMNyyMMMMMyymMMh+
dMMMs MMM dMMN
dMMMs MMM+ dMMs
+dMMMm++MMMMMdNMMm
hMMMMMNMMMMMMMMNm
hMMMMMMMMMMMMMMNNhhhhhhhhNMMMMMMMMMMMMMo
ymmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm+
```

Launching Graphical User Interface...

DAY IS OUT OF RANGE FOR MONTH!



-Written by:
Jason C. Deters,
U.S. Army Corps of Engineers

Antecedent Precipitation Tool

Latitude (DD): 38.5 Longitude (-DD): -121.5 Scope: Single Point

Run a single date or click "+" to add more

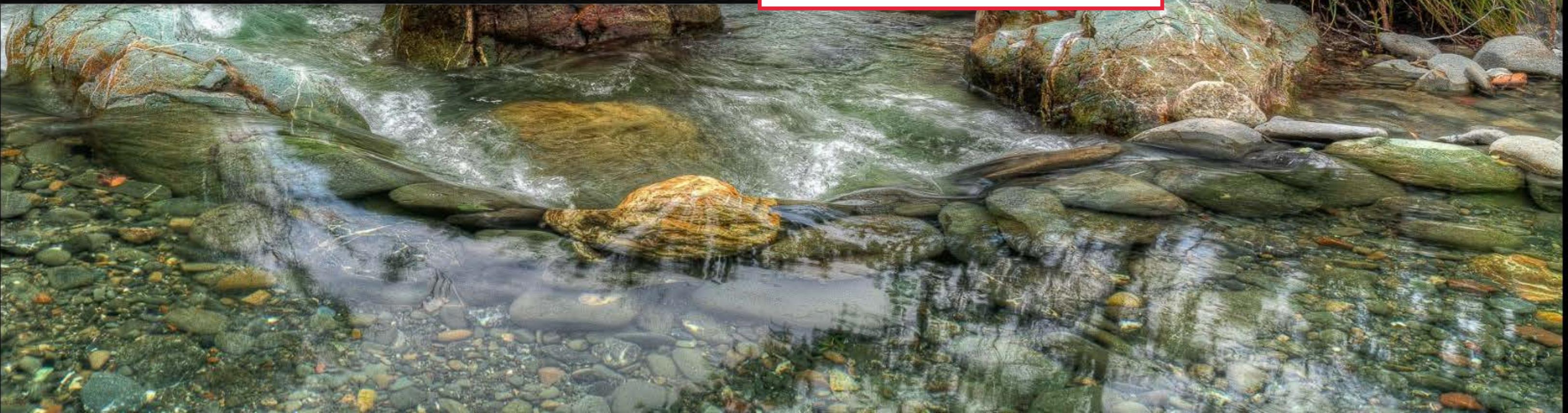
#	YYYY-MM-DD
1	1935 · 5 · 15
2	1940 · 2 · 29
3	1941 · 2 · 28



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The entry box will turn white once a valid entry is provided.

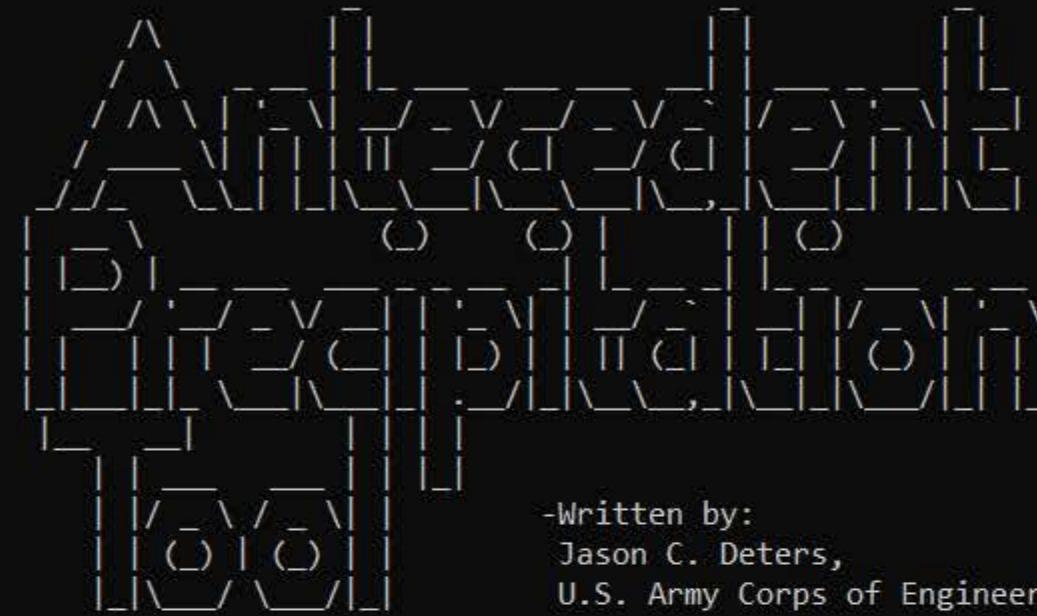
Let's look at a few other invalid cases.





Validating Desktop shortcut...

++++ +++ +++
hNNN +NNNy hNNm
hMMhhMMmyMMN
sNMMMMMMMMMMMd
+mMMMMMMMMMs
dMMMm++MMMM+
dMMMm MMM+
dMMMm MMM+
dMMMmooMMMyyyyyyhyhMMMMMMMMMyyyyyydydMMMsodMMMs
dMMMs
dMMMMMMMMMMMMMMMMNhysshMmmMMMMMMMMMMMMMMMMMs
dMMMNyyMMMMMyymMMh+ hMMMNyyMMMMMyhmMMs
dMMMm MMMMM dMMN
dMMMm MMMMM+ dMMm
+dMMMm++MMMMMdNMMm
hMMMMMMNMMMMMMMMm
hMMMMMMMMMMMMMMNNhhhhhhhNMMMMMMMMMMMMMo
ymm+



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U.S. Army Corps of Engineers

Launching Graphical User Interface...

DAY IS OUT OF RANGE FOR MONTH!

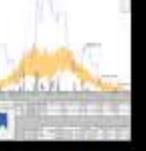
Year cannot be less than 1910!

The screenshot shows the software's main window with a title bar "Antecedent Precipitation Tool". It includes input fields for "Latitude (DD)" (38.5), "Longitude (-DD)" (-121.5), and "Scope" (Single Point). Below these are four numbered entries for dates: 1 (1935-5-15), 2 (1940-2-29), 3 (1941-2-28), and 4 (1909-1-1). A red arrow points to the "Switch to Date Range" button at the bottom right of the date entry area.

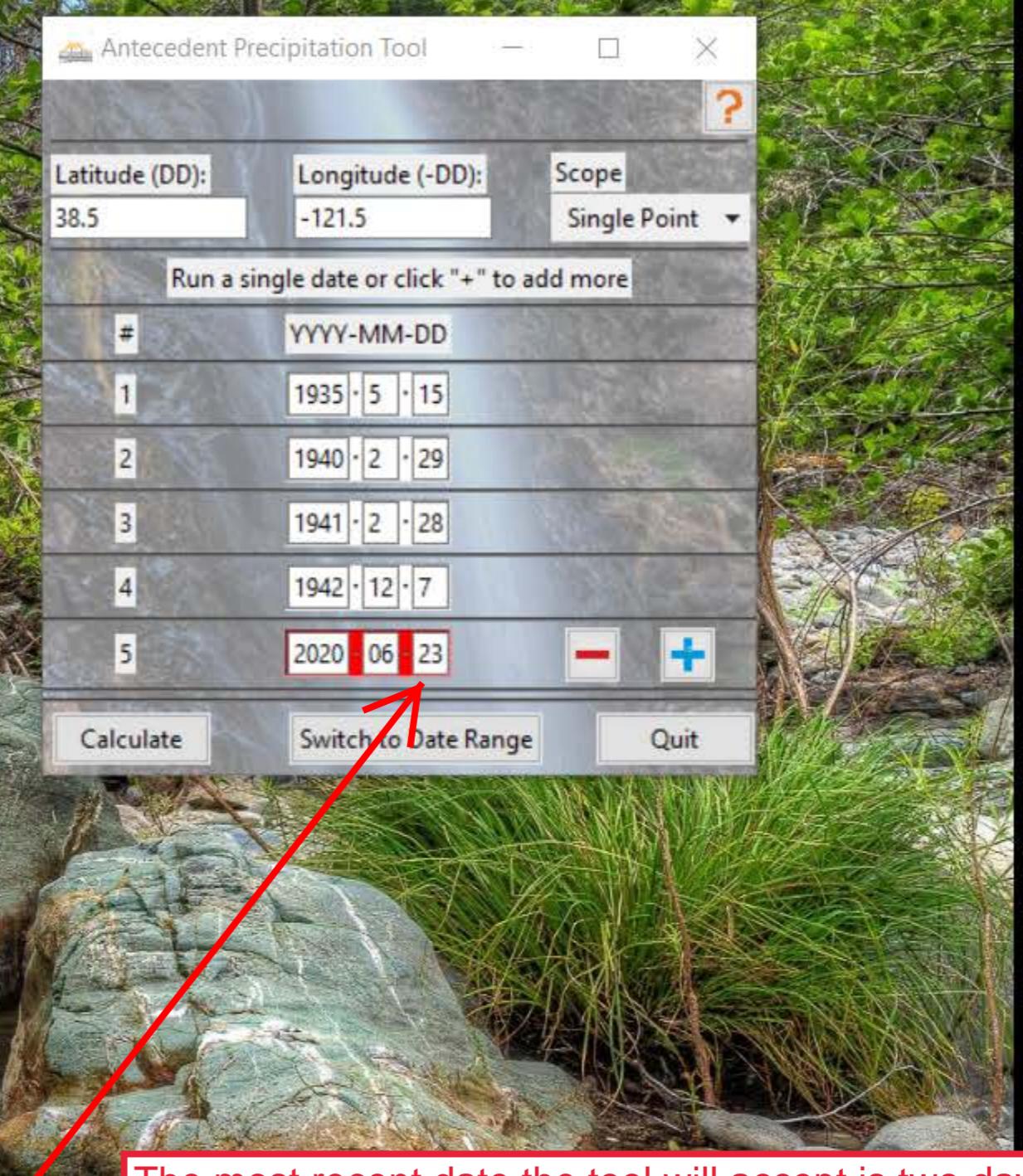
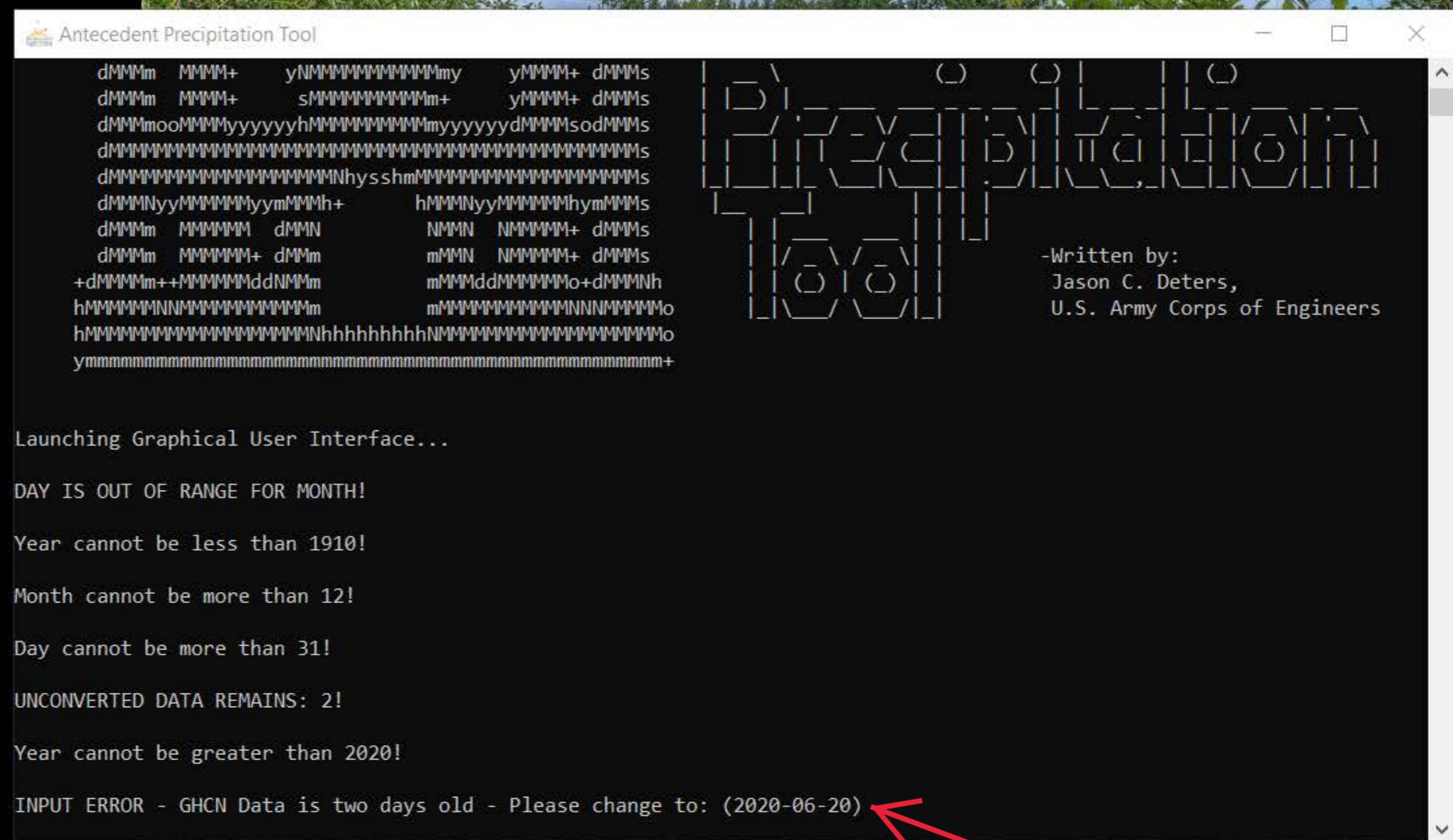
The tool will not accept dates earlier than 1910.

NOTE: Calculating the Normal Range for 1910-01-01 requires data from as far back as 1878-09-01.

The tool may fail to locate sufficient data to perform the analysis for such early dates (1910-1940). However, many places in the U.S. have such historic records available, which is why these years are allowed.



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The most recent date the tool will accept is two days prior to the current date.

This is because it usually takes at least two days for a new precipitation measurement to make it into the Global Historic Climatology Network (GHCN) database on which the APT relies.

Antecedent Precipitation Tool

+mMMMMMMMMMs NMMh mMMMo+MMMN +dMMMMMMMMh
dMMMm++MMM+ NMMNNMMMMNNMMN yMMMMo+dMMMs
dMMMm MMM+ yNMMMMMMMMMMMy dMMMs
dMMMm MMM+ sMMMMMMMMMm+ yMMMM+ dMMMs
dMMMmooMMMyyyyyyhyMMMMMMMMMyyyyyydMMMsodMMMs
dMMMs
dMMMMMMMMMMMMMMMMMMMMNhysshMmmMMMMMMMMMMMMMs
dMMMNyyMMMMMyymMMh+ hMMMNyyMMMMMyhmMMs
dMMMm MMMMM dMMN NMMN NMMMM+ dMMMs
dMMMm MMMMM+ dMMm mMMN NMMMM+ dMMMs
+dMMMMm++MMMMMdNMMm mMMddMMMMMo+dMMNh
hMMMMMMNNMMMMMMMMm mMMMMMMMMNNNNMMMo
hMMMMMMMMMMMMMMMMNhhhhhhhhhNMMMMMMMMMMMMMMMo
yMM+

Launching Graphical User Interface...

DAY IS OUT OF RANGE FOR MONTH!

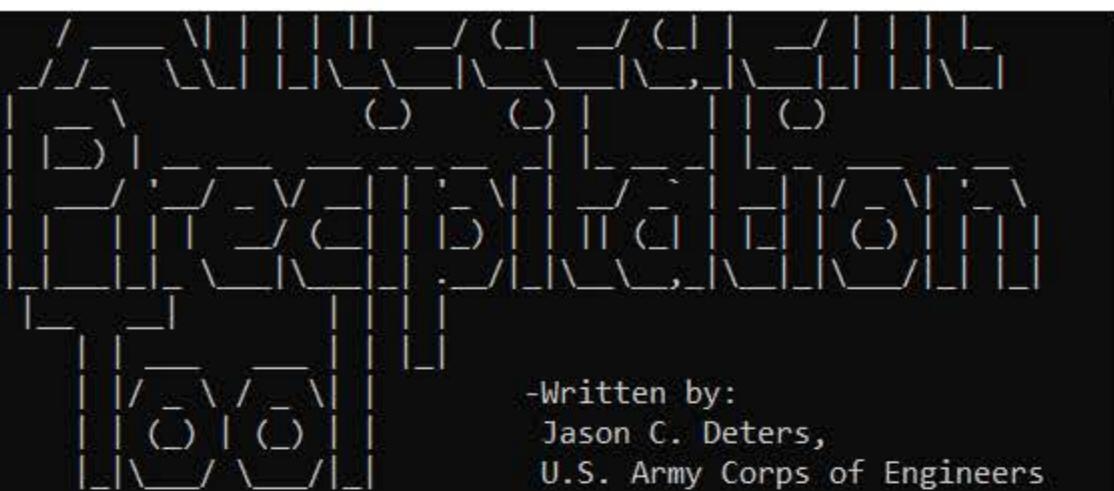
Year cannot be less than 1910!

Year cannot be less than 1910!

Year cannot be less than 1910!

Month cannot be more than 12!

INPUT ERROR - GHCN Data is two days old - Please change to: (2020-06-20)



-Written by:
Jason C. Deters,
U.S. Army Corps of Engineers

Antecedent Precipitation Tool

Latitude (DD): 38.5 Longitude (-DD): -121.5 Scope Single Point

Run a single date or click "+" to add more

#	YYYY-MM-DD
1	1935 · 5 · 15
2	1940 · 2 · 29
3	1941 · 2 · 28
4	1942 · 12 · 7
5	1943 · 6 · 12
6	1944 · 7 · 19
7	1945 · 8 · 21
8	1950 · 3 · 15
9	1951 · 6 · 16
10	1952 · 7 · 04
11	1965 · 1 · 1
12	1971 · 5 · 28
13	1973 · 7 · 4
14	1978 · 11 · 21
15	1981 · 12 · 2
16	1984 · 4 · 24
17	1985 · 9 · 13
18	1989 · 5 · 18
19	1998 · 12 · 01
20	2020 · 06 · 20

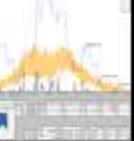
Calculate

Switch to Date Range

Quit

Once you have entered all of the dates you wish to analyze, click the "Calculate" button to start the batch process.

NOTE: You may add as many days to the APT interface as your screen size will allow. However, for ease of use, we suggest using the CSV Input method for more than 20 days. For more info, click the orange question mark in the upper-right corner to open the "Help Menu," and then select "How to generate a single-point analysis for many dates using a spreadsheet."



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Antecedent Precipitation Tool

```
Rain Batch 4 - ['PRCP', '38.5', '-121.5', 1942, '12']
Rain Batch 5 - ['PRCP', '38.5', '-121.5', 1943, '06']
Rain Batch 6 - ['PRCP', '38.5', '-121.5', 1944, '07']
Rain Batch 7 - ['PRCP', '38.5', '-121.5', 1945, '08']
Rain Batch 8 - ['PRCP', '38.5', '-121.5', 1950, '03']
Rain Batch 9 - ['PRCP', '38.5', '-121.5', 1951, '06']
Rain Batch 10 - ['PRCP', '38.5', '-121.5', 1952, '07']
Rain Batch 11 - ['PRCP', '38.5', '-121.5', 1965, '01']
Rain Batch 12 - ['PRCP', '38.5', '-121.5', 1971, '05']
Rain Batch 13 - ['PRCP', '38.5', '-121.5', 1973, '07']
Rain Batch 14 - ['PRCP', '38.5', '-121.5', 1978, '11']
Rain Batch 15 - ['PRCP', '38.5', '-121.5', 1981, '12']
Rain Batch 16 - ['PRCP', '38.5', '-121.5', 1984, '04']
Rain Batch 17 - ['PRCP', '38.5', '-121.5', 1985, '09']
Rain Batch 18 - ['PRCP', '38.5', '-121.5', 1989, '05', '18', None, None]
Rain Batch 19 - ['PRCP', '38.5', '-121.5', 1998, '12', '01', None, None]
Rain Batch 20 - ['PRCP', '38.5', '-121.5', 2020, '06', '20', None, None]
```

```
#####
##### ----- Single Point Batch Analysis - Date 1 of 20 ----- #####
#####
Running: ['PRCP', '38.5', '-121.5', 1935, '05', '15', None, None, 'C:\\\\Users\\\\L2RCSJ9D\\\\Desktop\\\\Antecedent
Precipitation Tool\\\\Outputs', '0']

Checking for previously cached NCDC GHCN Weather Station Records...
Querying Elevation at Observation Point (38.5, -121.5)...
Request URL: https://nationalmap.gov/epqs/pqs.php?x=-121.5&y=38.5&output=json&units=Feet
```



The tool will iterate through all of the dates that were entered.

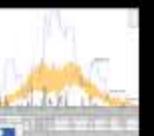
More detail about the specifics of the process is shown in the "How to generate a single-point analysis for a given date" PDF Instructions, available in the [Help Menu](#).

A complete narrative description of the process can be found in the User Guide, and a step-by-step outline of the entire process can be found in the Detailed Methodology document, both of which are also in the Help Menu.

Screenshot of the Antecedent Precipitation Tool software interface. The window title is "Antecedent Precipitation Tool". It has input fields for "Latitude (DD)" (38.5), "Longitude (-DD)" (-121.5), and a "Scope" dropdown set to "Single Point". Below these is a button "Run a single date or click "+" to add more". A list of 20 dates is displayed in a table:

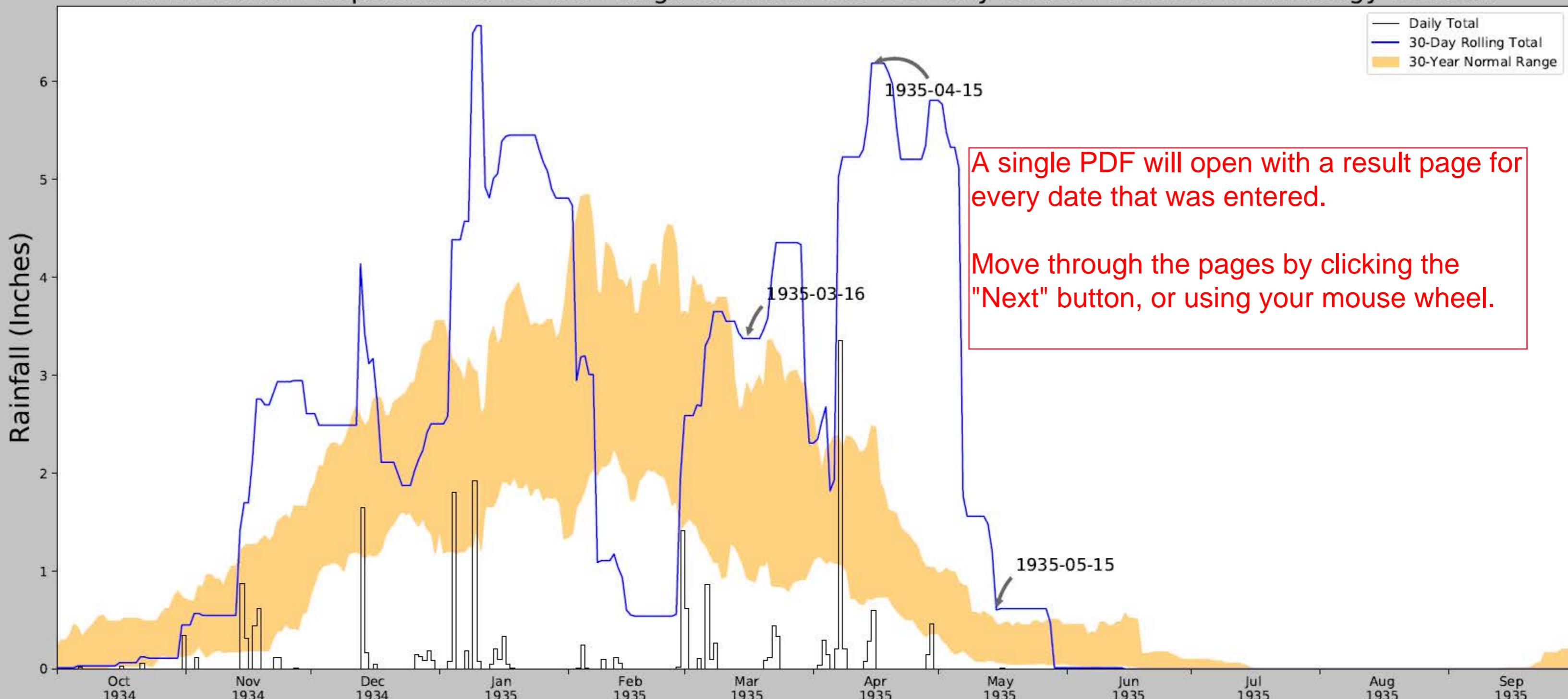
#	YYYY-MM-DD
1	1935 · 5 · 15
2	1940 · 2 · 29
3	1941 · 2 · 28
4	1942 · 12 · 7
5	1943 · 6 · 12
6	1944 · 7 · 19
7	1945 · 8 · 21
8	1950 · 3 · 15
9	1951 · 6 · 16
10	1952 · 7 · 04
11	1965 · 1 · 1
12	1971 · 5 · 28
13	1973 · 7 · 4
14	1978 · 11 · 21
15	1981 · 12 · 2
16	1984 · 4 · 24
17	1985 · 9 · 13
18	1989 · 5 · 18
19	1998 · 12 · 01
20	2020 · 06 · 20

At the bottom are buttons for "Calculate", "Switch to Date Range", and "Quit". A green arrow points from the text "More detail about the specifics of the process is shown in the \"How to generate a single-point analysis for a given date\" PDF Instructions, available in the [Help Menu](#)." to the "Help Menu" link in the software's UI. Another red arrow points from the text "A complete narrative description of the process can be found in the User Guide, and a step-by-step outline of the entire process can be found in the Detailed Methodology document, both of which are also in the Help Menu." to the "Help Menu" link in the software's UI.



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Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	38.5, -121.5
Observation Date	1935-05-15
Elevation (ft)	7.14
Drought Index (PDSI)	Normal
WebWIMP H ₂ O Balance	Dry Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
1935-05-15	0.066142	0.459055	0.602362	Wet	3	3	9
1935-04-15	0.711024	2.482677	6.18504	Wet	3	2	6
1935-03-16	0.926378	2.920866	3.374016	Wet	3	1	3
Result							Wetter than Normal - 18

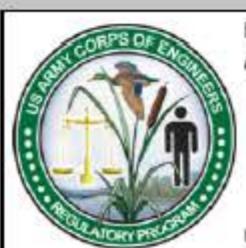
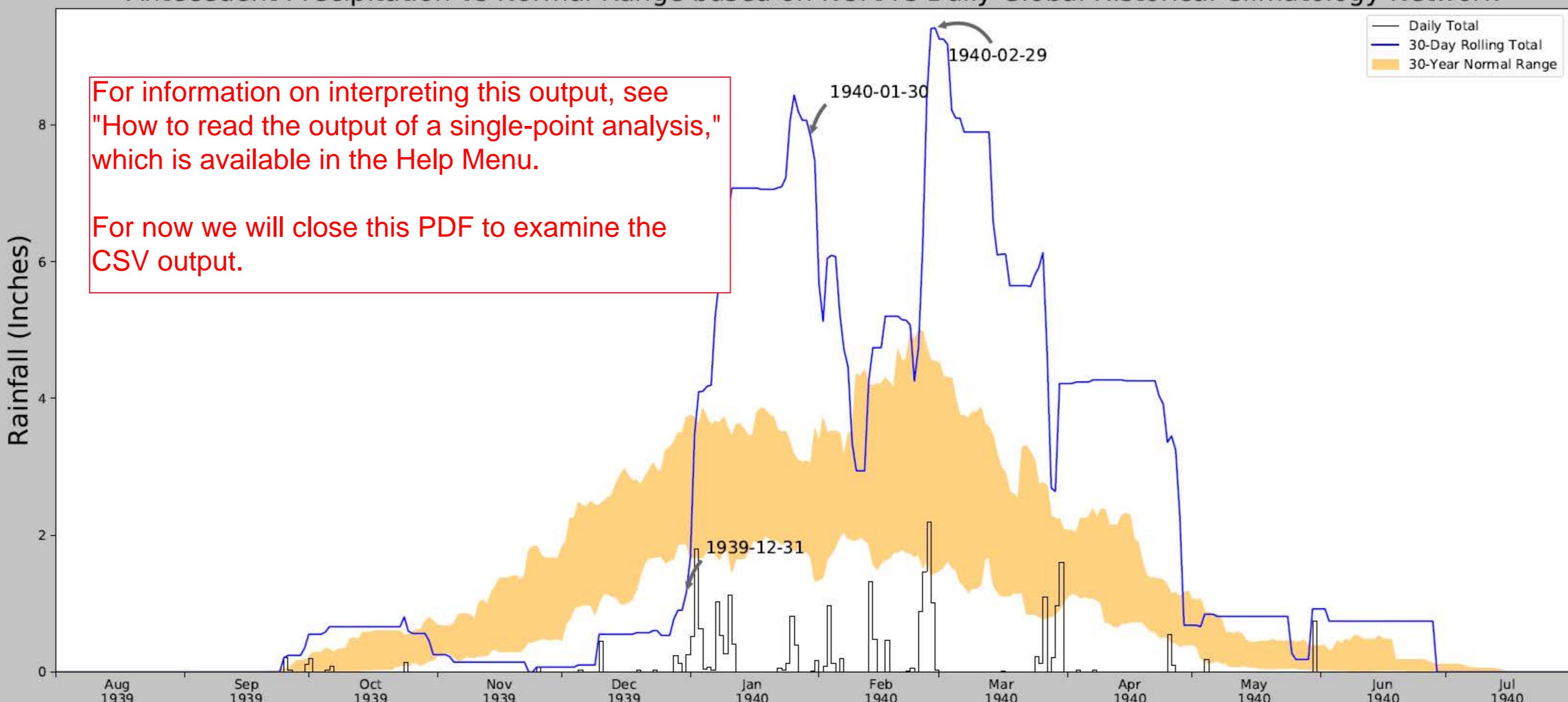


Figure and tables made by the
Antecedent Precipitation Tool
Version 1.0
Written by Jason Deters
U.S. Army Corps of Engineers

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.91	30.918	2.842	11289	90
DAVIS 2 WSW EXP FARM	38.535, -121.7761	60.039	15.121	52.899	7.604	64	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	38.5, -121.5
Observation Date	1940-02-29
Elevation (ft)	7.14
Drought Index (PDSI)	Moderate wetness
WebWIMP H ₂ O Balance	Wet Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
1940-02-29	1.450197	4.535827	9.413386	Wet	3	3	9
1940-01-30	1.677165	3.046063	7.822835	Wet	3	2	6
1939-12-31	1.875591	3.710236	1.153543	Dry	1	1	1
Result							Wetter than Normal - 16



Figure and tables made by the
Antecedent Precipitation Tool
Version 1.0
Written by Jason Deters
U.S. Army Corps of Engineers

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.91	30.918	2.842	11289	90
DAVIS 2 WSW EXP FARM	38.535, -121.7761	60.039	15.121	52.899	7.604	63	0

38.5, -121.5

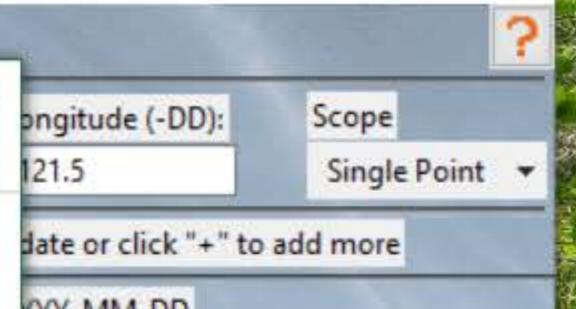
(38.5, -121.5) Batch Result.csv - Excel

	A	B	C	D	E	F	G	H
1	Latitude	Longitude	Date	PDSI Value	PDSI Class	Season	ARC Score	Antecedent Precip Condition
2	38.5	-121.5	5/15/1935	-0.32	Normal	Dry Season	18	Wetter than Normal
3	38.5	-121.5	2/29/1940	2.54	Moderate wetness	Wet Season	16	Wetter than Normal
4	38.5	-121.5	2/28/1941	2.84	Moderate wetness	Wet Season	18	Wetter than Normal
5	38.5	-121.5	12/7/1942	1.86	Mild wetness	Wet Season	14	Normal Conditions
6	38.5	-121.5	6/12/1943	0.39	Normal	Dry Season	14	Normal Conditions
7	38.5	-121.5	7/19/1944	1.08	Mild wetness	Dry Season	18	Wetter than Normal
8	38.5	-121.5	8/21/1945	1.3	Mild wetness	Dry Season	12	Normal Conditions
9	38.5	-121.5	3/15/1950	0.5	Incipient wetness	Wet Season	11	Normal Conditions
10	38.5	-121.5	6/16/1951	-0.65	Incipient drought	Dry Season	10	Normal Conditions
11	38.5	-121.5	7/4/1952	2.16	Moderate wetness	Dry Season	14	Normal Conditions
12	38.5	-121.5	1/1/1965	2.23	Moderate wetness	Wet Season	18	Wetter than Normal
13	38.5	-121.5	5/28/1971	0.8	Incipient wetness	Dry Season	13	Normal Conditions
14	38.5	-121.5	7/4/1973	-2.53	Moderate drought	Dry Season	9	Drier than Normal
15	38.5	-121.5	11/21/1978	-1.11	Mild drought	Wet Season	11	Normal Conditions
16	38.5	-121.5	12/2/1981	2.86	Moderate wetness	Wet Season	17	Wetter than Normal
17	38.5	-121.5	4/24/1984	-1.82	Mild drought	Dry Season	9	Drier than Normal
18	38.5	-121.5	9/13/1985	1.13	Mild wetness	Dry Season	15	Wetter than Normal
19	38.5	-121.5	5/18/1989	0.84	Incipient wetness	Dry Season	15	Wetter than Normal
20	38.5	-121.5	12/1/1998	-0.79	Incipient drought	Wet Season	12	Normal Conditions
21	38.5	-121.5	6/20/2020	-1.75	Mild drought (2020-05)	Dry Season	9	Drier than Normal
22								

(38.5, -121.5) Batch Result

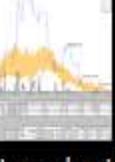
READY

23 items



The Batch Result.csv contains the key values from each of the PDF outputs in tabular format. This format is especially useful for quickly sorting through a list of dates for which satellite or aerial imagery is available.

943 · 6 · 12
944 · 7 · 19
945 · 8 · 21
950 · 3 · 15
951 · 6 · 16
952 · 7 · 04
965 · 1 · 1
971 · 5 · 28
973 · 7 · 4
978 · 11 · 21
981 · 12 · 2
984 · 4 · 24
985 · 9 · 13
989 · 5 · 18
998 · 12 · 01



Antecedent
Precipitati...

Antecedent Precipitation Tool

File Home Share
Pin to Quick access Copy Paste
Clipboard Organize New Open Select
« Desktop > Antecedent Precipitation Tool > Outputs > v1_0_3 > 38.5, -121.5 Search 38.5, -121.5

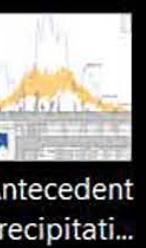
Name Date modified Type Size

Station Data 6/22/2020 3:04 AM File folder
(38.5, -121.5) Batch Result.csv 6/22/2020 3:05 AM Microsoft Excel C... 2 KB
(38.5, -121.5) Batch Result.pdf 6/22/2020 3:05 AM Adobe Acrobat D... 12 KB
1935-05-15.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 91 KB
1940-02-29.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 90 KB
1941-02-28.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 92 KB
1942-12-07.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 92 KB
1943-06-12.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 91 KB
1944-07-19.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 91 KB
1945-08-21.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 91 KB
1950-03-15.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 91 KB
1951-06-16.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 91 KB
1952-07-04.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 92 KB
1965-01-01.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 91 KB
1971-05-28.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 92 KB
1973-07-04.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 92 KB
1978-11-21.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 90 KB
1981-12-02.pdf 6/22/2020 3:04 AM Adobe Acrobat D... 91 KB
1984-04-24.pdf 6/22/2020 3:05 AM Adobe Acrobat D... 91 KB
1985-09-13.pdf 6/22/2020 3:05 AM Adobe Acrobat D... 91 KB
1989-05-18.pdf 6/22/2020 3:05 AM Adobe Acrobat D... 91 KB
1998-12-01.pdf 6/22/2020 3:05 AM Adobe Acrobat D... 91 KB
2020-06-20.pdf 6/22/2020 3:05 AM Adobe Acrobat D... 90 KB

Open the "Station Data" folder.

Antecedent Precipitation Tool

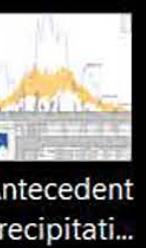
Latitude (DD): Longitude (-DD): Scope
-121.5 Single Point
Run a single date or click "+" to add more
YYYY-MM-DD
1 1935 · 5 · 15
2 1940 · 2 · 29
3 1941 · 2 · 28
4 1942 · 12 · 7
5 1943 · 6 · 12
6 1944 · 7 · 19
7 1945 · 8 · 21
8 1950 · 3 · 15
9 1951 · 6 · 16
10 1952 · 7 · 04
11 1965 · 1 · 1
12 1971 · 5 · 28
13 1973 · 7 · 4
14 1978 · 11 · 21
15 1981 · 12 · 2
16 1984 · 4 · 24
17 1985 · 9 · 13
18 1989 · 5 · 18
19 1998 · 12 · 01
20 2020 · 06 · 20
Calculate Switch to Date Range Quit



The "Station Data" folder contains, for each observation date:

- The relevant records for each contributing weather station.
- The "merged_stations_YYYY-MM-DD.csv," which is the complete record.
- Another copy of the complete record after it was converted to the units used in the figure and tables of the output PDF.

The screenshot shows two windows. The main window is a File Explorer showing a folder structure under 'Outputs' for 'v1_0_3' at '38.5, -121.5'. Inside 'Station Data', there are numerous Excel files named 'CLARKSBURG...' and 'DAVIS 2 WSW EXP FARM...' followed by various dates. Below these are 'merged_stations...' files for the same dates. The total count is 93 items. To the right is a smaller window titled 'Antecedent Precipitation Tool' with a date selection interface. It has fields for 'Date (DD):' (set to 12), 'Longitude (-DD):' (set to -121.5), and 'Scope' (set to 'Single Point'). A text box says 'Run a single date or click "+" to add more'. Below is a list of dates from 1935-05-15 to 2020-06-20, each with a corresponding row number. At the bottom are buttons for 'Calculate', 'Switch to Date Range', and 'Quit'.



Antecedent
Precipitati...

Antecedent Precipitation Tool

May	-75	-64	11	Dry Season
Jun	-129	-45	84	Dry Season
Jul	-153	-14	139	Dry Season
Aug	-139	-3	136	Dry Season
Sep	-96	-1	96	Dry Season
Oct	-42	0	43	Dry Season
Nov	31	30	0	Wet Season
Dec	58	58	0	Wet Season

<--Selected Month

```
#----- GRAPH & TABLE GENERATION -----#
Constructing graph, plotting data, and configuring tables...
Generating figure with graph and tables...

Saving C:\Users\L2RCSJ9D\Desktop\Antecedent Precipitation Tool\Outputs\v1_0_3\38.5, -121.5\2020-06-20.pdf
Closing figure...

-----#
Opening Batch Results CSV in new process...
Opening finalPDF in new process...
Attempting to delete temporary files...
All tasks took 5 minutes and 57 seconds to complete
-----#
Ready for new input.
```

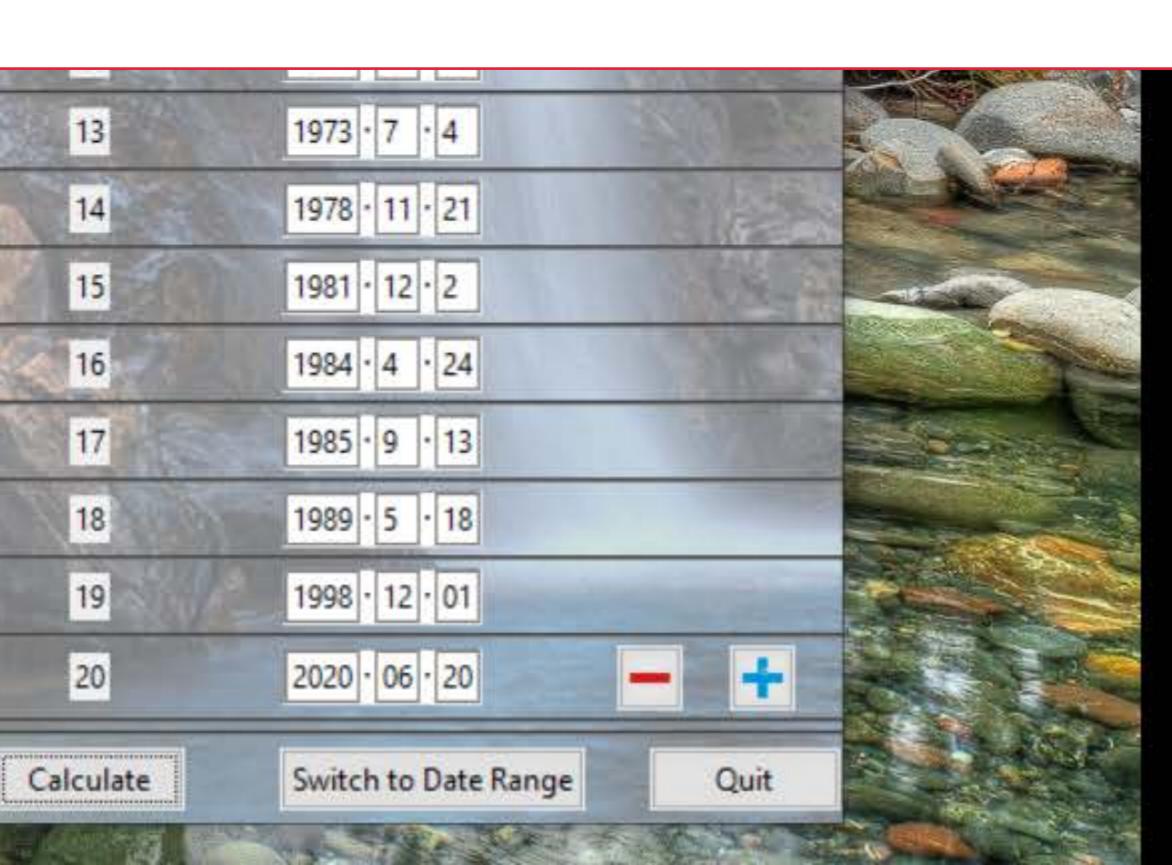
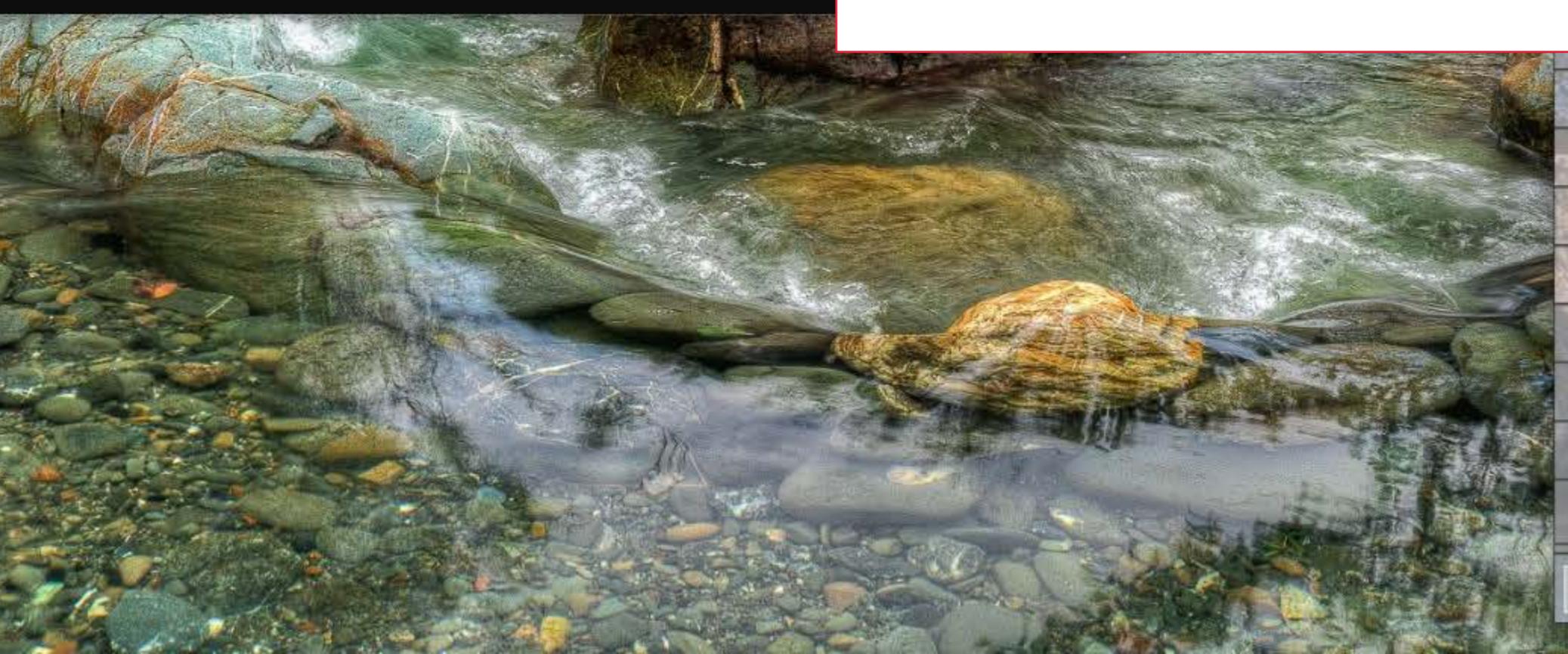
Antecedent Precipitation Tool

Latitude (DD): 38.5 Longitude (-DD): -121.5 Scope Single Point

Run a single date or click "+" to add more

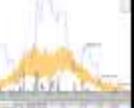
#	YYYY-MM-DD
1	1935 · 5 · 15
2	1940 · 2 · 29
3	1941 · 2 · 28
4	1942 · 12 · 7
5	1943 · 6 · 12
13	1973 · 7 · 4
14	1978 · 11 · 21
15	1981 · 12 · 2
16	1984 · 4 · 24
17	1985 · 9 · 13
18	1989 · 5 · 18
19	1998 · 12 · 01
20	2020 · 06 · 20

Calculate Switch to Date Range Quit



That's all there is to this walkthrough.

To learn how to analyze even more dates at one time, look in the Help Menu under "How to generate a single-point analysis for many dates using a spreadsheet."



Antecedent
Precipitati...