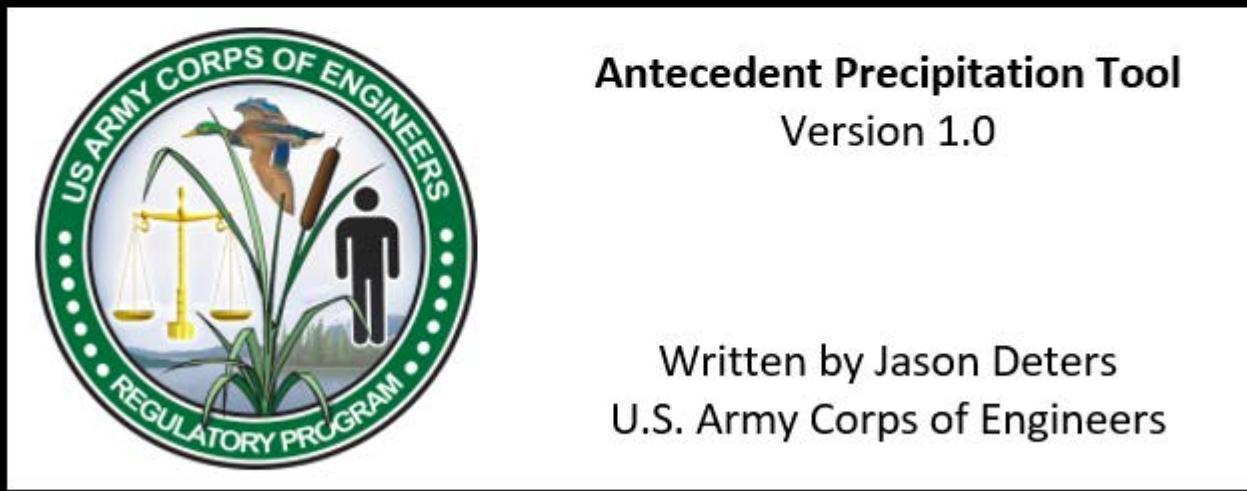


How to Read the Output of a Watershed Analysis



Antecedent Precipitation Tool v.1.0 - Watershed Sampling Summary

Generated on 2020-06-22

User Inputs

Coordinates	28.523933, -98.843927
Date	1952-07-10
Geographic Scope	HUC8

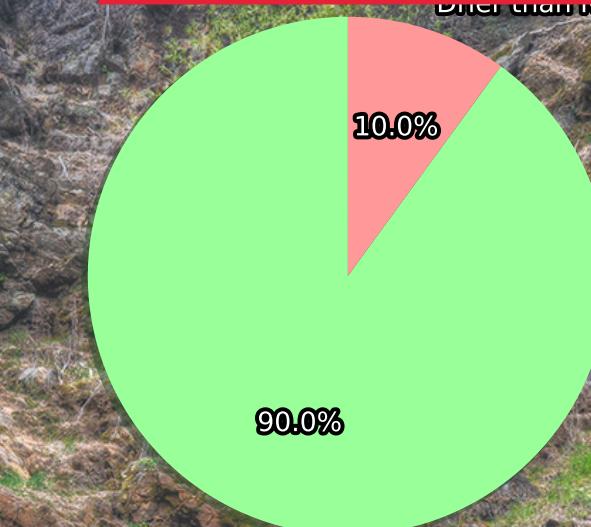
Coordinates of the Observation Location
(Source: User Input)

Intermediate Data

Hydrologic Unit Code	12110108
Watershed Size	1221.06 mi ²
# Random Sampling Points	68

Preliminary Result

Average Antecedent Precipitation Score	10.6
Preliminary Determination	Normal Conditions



Sampling Point Breakdown

Antecedent Precipitation Score	Antecedent Precipitation Condition	WebWIMP H ₂ O Balance	Drought Index (PDSI)	# of Points
14	Normal Conditions	Dry Season	Severe drought	8
11	Normal Conditions	Dry Season	Severe drought	19
10	Normal Conditions	Dry Season	Severe drought	34
9	Drier than Normal	Dry Season	Severe drought	4
8	Drier than Normal	Dry Season	Severe drought	3

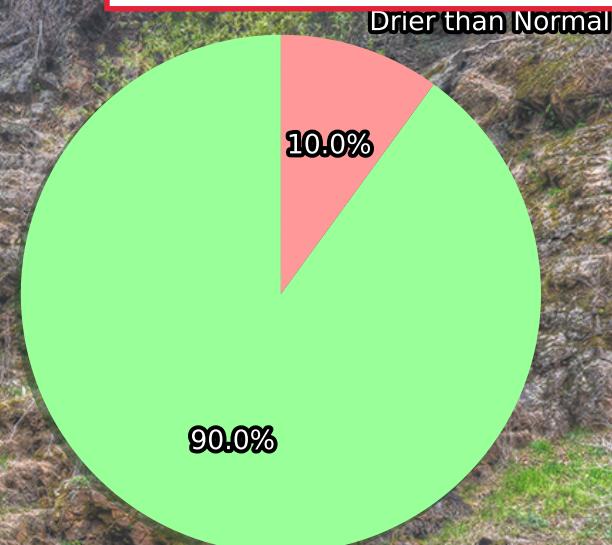
Antecedent Precipitation Tool v.1.0 - Watershed Sampling Summary

Generated on 2020-06-22

User Inputs

Coordinates	28.523933, -98.843927
Date	1952-07-10
Geographic Scope	HUC8

Observation Date
(Source: User Input)



Intermediate Data

Hydrologic Unit Code	12110108
Watershed Size	1221.06 mi ²
# Random Sampling Points	68

Preliminary Result

Average Antecedent Precipitation Score	10.6
Preliminary Determination	Normal Conditions

Normal Conditions

Sampling Point Breakdown

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8	Drier than Normal	Dry Season	Severe drought	3

Antecedent Precipitation Tool v.1.0 - Watershed Sampling Summary

Generated on 2020-06-22

User Inputs

Coordinates	28.523933, -98.843927
Date	1952-07-10
Geographic Scope	HUC8

Geographic Scope

- Single Point
- HUC8, HUC10, HUC12
- Custom Watershed

(Source: User Input)

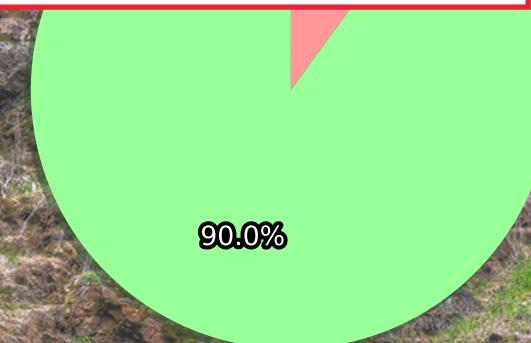
Intermediate Data

Hydrologic Unit Code	12110108
Watershed Size	1221.06 mi ²
# Random Sampling Points	68

Preliminary Result

Average Antecedent Precipitation Score	10.6
Preliminary Determination	Normal Conditions

Normal Conditions



Sampling Point Breakdown

Antecedent Precipitation Score	Antecedent Precipitation Condition	WebWIMP H ₂ O Balance	Drought Index (PDSI)	# of Points
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Antecedent Precipitation Tool v.1.0 - Watershed Sampling Summary

Generated on 2020-06-22

User Inputs

Coordinates	28.523933, -98.843927
Date	1952-07-10
Geographic Scope	HUC8

Intermediate Data

Hydrologic Unit Code	12110108
Watershed Size	1221.06 mi ²
# Random Sampling Points	68

Preliminary Result

Average Antecedent Precipitation Score	10.6
Preliminary Determination	Normal Conditions

Hydrologic Unit Code (HUC)

The specific identification code of the watershed feature within which the Observation Location falls.

If Custom Polygon is selected, this will be the name given by the user for the Custom Watershed Polygon (e.g., EPA WATERS Drainage Area)

Normal Conditions

Sampling Point Breakdown

Antecedent Precipitation Score	Antecedent Precipitation Condition	WebWIMP H ₂ O Balance	Drought Index (PDSI)	# of Points
14	Normal Conditions	Dry Season	Severe drought	8
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8	Drier than Normal	Dry Season	Severe drought	3

Antecedent Precipitation Tool v.1.0 - Watershed Sampling Summary

Generated on 2020-06-22

User Inputs

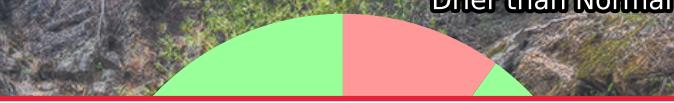
Coordinates	28.523933, -98.843927
Date	1952-07-10
Geographic Scope	HUC8

Intermediate Data

Hydrologic Unit Code	12110108
Watershed Size	1221.06 mi ²
# Random Sampling Points	68

Preliminary Result

Average Antecedent Precipitation Score	10.6
Preliminary Determination	Normal Conditions



The area of the watershed polygon in square miles.

The area is calculated with open source GIS libraries (GDAL/OGR) using the North America Albers Equal Area Conic projection.

Normal Conditions

Sampling Point Breakdown

Antecedent Precipitation Score	Antecedent Precipitation Condition	WebWIMP H ₂ O Balance	Drought Index (PDSI)	# of Points
14	Normal Conditions	Dry Season	Severe drought	8
11	Normal Conditions	Dry Season	Severe drought	19
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8	Drier than Normal	Dry Season	Severe drought	3

Antecedent Precipitation Tool v.1.0 - Watershed Sampling Summary

Generated on 2020-06-22



User Inputs

Coordinates	28.523933, -98.843927
Date	1952-07-10
Geographic Scope	HUC8

Intermediate Data

Hydrologic Unit Code	12110108
Watershed Size	1221.06 mi ²
# Random Sampling Points	68

Preliminary Result

Average Antecedent Precipitation Score	10.6
Preliminary Determination	Normal Conditions

Number of Random Sampling Points

The number of points within the watershed which were sampled by the APT to make the preliminary determination.

see the Technical and User Guide for additional details



Normal Conditions

Sampling Point Breakdown

Antecedent Precipitation Score	Antecedent Precipitation Condition	WebWIMP H ₂ O Balance	Drought Index (PDSI)	# of Points
14	Normal Conditions	Dry Season	Severe drought	8
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Antecedent Precipitation Tool v.1.0 - Watershed Sampling Summary

Generated on 2020-06-22

User Inputs

Coordinates	28.523933, -98.843927
Date	1952-07-10
Geographic Scope	HUC8

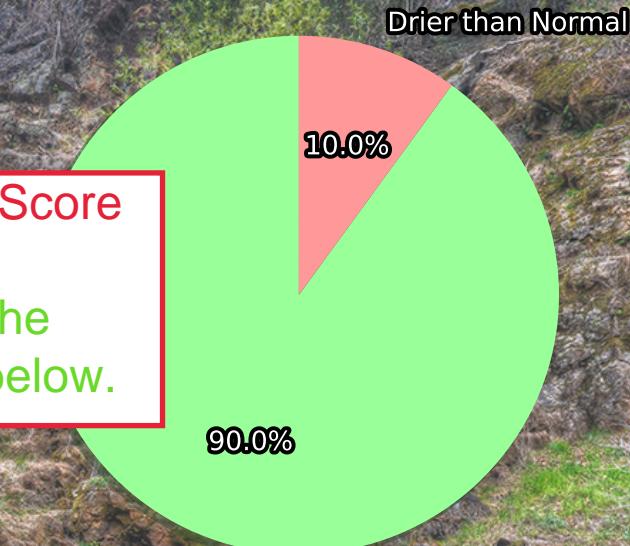
Hydrologic Unit Code
Watershed Size
Random Sampling Points

Preliminary Result

Average Antecedent Precipitation Score	10.6
Preliminary Determination	Normal Conditions

Average Antecedent Precipitation Score

The source numbers are listed in the Sampling Point Breakdown table below.



Normal Conditions

Sampling Point Breakdown

Antecedent Precipitation Score	Antecedent Precipitation Condition	WebWIMP H ₂ O Balance	Drought Index (PDSI)	# of Points
14	Normal Conditions	Dry Season	Severe drought	8
11	Normal Conditions	Dry Season	Severe drought	19
10	Normal Conditions	Dry Season	Severe drought	34
9	Drier than Normal	Dry Season	Severe drought	4
8	Drier than Normal	Dry Season	Severe drought	3

Antecedent Precipitation Tool v.1.0 - Watershed Sampling Summary

Generated on 2020-06-22

Preliminary Determination

By preliminary, this means that it is not considering any factors outside of the average Antecedent Precipitation Score.

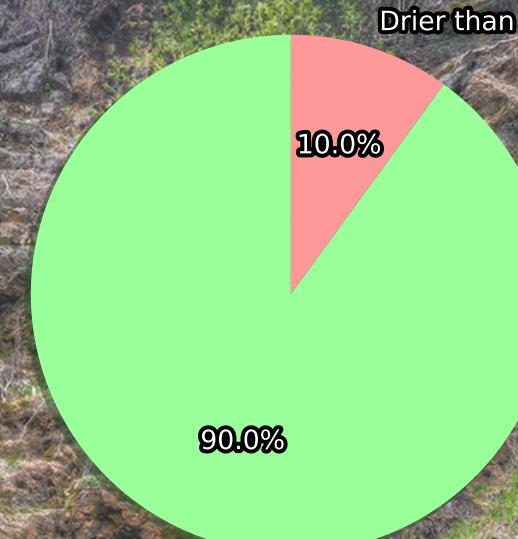
Drier than Normal: Avg. Score < 10

Normal Conditions: Avg. Score ≥ 10 and < 15

Wetter than Normal: Avg. Score ≥ 15



8.843927
7-10
8
11.0108
11.06 mi ²
68



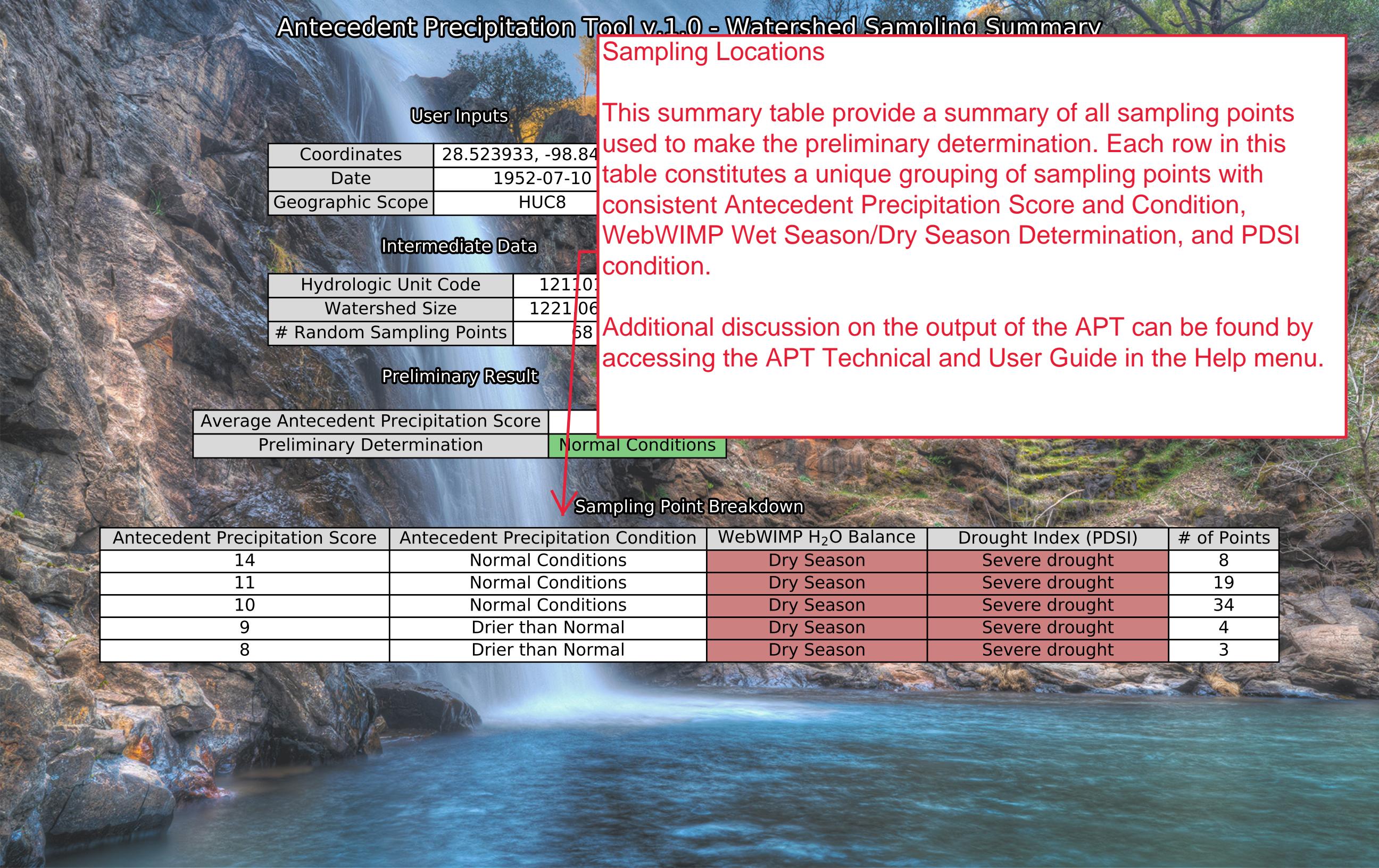
Normal Conditions

Sampling Point Breakdown

Antecedent Precipitation Score	Antecedent Precipitation Condition	WebWIMP H ₂ O Balance	Drought Index (PDSI)	# of Points
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8	Drier than Normal	Dry Season	Severe drought	3

Antecedent Precipitation Tool v.1.0 - Watershed Sampling Summary

Sampling Locations



The background of the interface is a photograph of a waterfall.

User Inputs	
Coordinates	28.523933, -98.84
Date	1952-07-10
Geographic Scope	HUC8
Intermediate Data	
Hydrologic Unit Code	121101
Watershed Size	1221106
# Random Sampling Points	58
Preliminary Result	
Average Antecedent Precipitation Score	
Preliminary Determination	Normal Conditions

This summary table provide a summary of all sampling points used to make the preliminary determination. Each row in this table constitutes a unique grouping of sampling points with consistent Antecedent Precipitation Score and Condition, WebWIMP Wet Season/Dry Season Determination, and PDSI condition.

Additional discussion on the output of the APT can be found by accessing the APT Technical and User Guide in the Help menu.

Sampling Point Breakdown

Antecedent Precipitation Score	Antecedent Precipitation Condition	WebWIMP H ₂ O Balance	Drought Index (PDSI)	# of Points
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