



**U.S. ARMY CORPS OF ENGINEERS
REGULATORY PROGRAM
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE**

I. ADMINISTRATIVE INFORMATION

Completion Date of Approved Jurisdictional Determination (AJD): 10/13/2020

ORM Number: SWF-2020-00276

Associated JDs: N/A

Review Area Location¹: State/Territory: Texas City: Goergetown County/Parish/Borough: Williamson

Center Coordinates of Review Area: Latitude N 30.637506° Longitude W 97.693177°

II. FINDINGS

A. Summary: Check all that apply. At least one box from the following list MUST be selected. Complete the corresponding sections/tables and summarize data sources.

- The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area). Rationale: N/A
- There are “navigable waters of the United States” within Rivers and Harbors Act jurisdiction within the review area (complete table in Section II.B).
- There are “waters of the United States” within Clean Water Act jurisdiction within the review area (complete appropriate tables in Section II.C).
- There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in Section II.D).

B. Rivers and Harbors Act of 1899 Section 10 (§ 10)²

§ 10 Name	§ 10 Size	§ 10 Criteria	Rationale for § 10 Determination
N/A.	N/A.	N/A.	N/A.

C. Clean Water Act Section 404

Territorial Seas and Traditional Navigable Waters ((a)(1) waters): ³			
(a)(1) Name	(a)(1) Size	(a)(1) Criteria	Rationale for (a)(1) Determination
N/A.	N/A.	N/A.	N/A.

Tributaries ((a)(2) waters):			
(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination
N/A.	N/A.	N/A.	N/A.

Lakes and ponds, and impoundments of jurisdictional waters ((a)(3) waters):			
(a)(3) Name	(a)(3) Size	(a)(3) Criteria	Rationale for (a)(3) Determination
N/A.	N/A.	N/A.	N/A.

Adjacent wetlands ((a)(4) waters):			
(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
N/A.	N/A.	N/A.	N/A.

¹ Map(s)/figure(s) are attached to the AJD provided to the requestor.

² If the navigable water is not subject to the ebb and flow of the tide or included on the District’s list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.

³ A stand-alone TNW determination is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where upstream or downstream limits or lake borders are established. A stand-alone TNW determination should be completed following applicable guidance and should NOT be documented on the AJD Form.



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D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size		Exclusion ⁵	Rationale for Exclusion Determination
SWF-2020-00276: (T-1)	1370	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Project information provided by the consultant, USACE site visit, and supporting data indicate that the stream (T-1) is an ephemeral tributary. T-1 receives flow in direct response to precipitation events. T-1 does not provide sufficient flow duration to constitute sustained flows beyond a direct response to precipitation events. T-1 connects hydrologically to South Fork San Gabriel River, a perennial water (a2).

III. SUPPORTING INFORMATION

A. Select/enter all resources that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

Information submitted by, or on behalf of, the applicant/consultant: [Reference 20200714 SWF-2020-00276 WD.pdf and 20200811 SWF-2020-00276 Extra Photopage.pdf](#) within the electronic project file. Provided by Greg Sherrod, Horizon Environmental Services (HES), July 14, 2020

This information is sufficient for purposes of this AJD.

Rationale: *N/A*

Data sheets prepared by the Corps: *N/A*

Photographs: *Aerial and Other: Google Earth Imagery, Numerous Years.*

Photographs provided by G. Sherrod, HES, July 14, 2020 (referenced above) and Brian C. Bartels, August 27, 2020, located within the electronic project file.

Corps site visit(s) conducted on: *August 27, 2020*

Previous Jurisdictional Determinations (AJDs or PJDs): *N/A*

Antecedent Precipitation Tool: *provide detailed discussion in Section III.B.*

USDA NRCS Soil Survey: *N/A*

USFWS NWI maps: *ESRI Managed Imagery (SWF Regulatory Viewer), October 14, 2020*

USGS topographic maps: *Georgetown, TX 1:24,000*

Other data sources used to aid in this determination:

Data Source (select)	Name and/or date and other relevant information
USGS Sources	<i>National Hydrography Dataset (SWF Regulatory Viewer) October 14, 2020</i>
USDA Sources	<i>N/A.</i>
NOAA Sources	<i>N/A.</i>
USACE Sources	<i>N/A.</i>
State/Local/Tribal Sources	<i>N/A.</i>
Other Sources (enclosed)	<i>Location map provided by G. Sherrod, HES</i>

⁴ Some excluded waters, such as (b)(2) and (b)(4), may not be specifically identified on the AJD form unless a requestor specifically asks a Corps district to do so. Corps districts may, in case-by-case instances, choose to identify some or all of these waters within the review area.

⁵ Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.



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- B. Typical year assessment(s):** The project site was visited twice during the dry season and conditions were normal on each date (May 20, 2020 and August 27, 2020). Flow was not observed within T-1 during each site visit. It is the Corps' determination through an assessment of all available information that T-1 is ephemeral and exhibits surface water flowing only in direct response to precipitation.
- C. Additional comments to support AJD:** The drainage area for T-1 is less than 50 acres. Evidence of the presence of water within T-1 was not visible by using Google Earth Imagery and Digital Globe because the confined drainage area is not visible because of tree canopy cover.




Enclosures: Location Map

Photographs

Antecedent Precipitation Tool Graphs for May 20, 2020 and August 27, 2020



Legend

-  Non-Jurisdictional Ephemeral Tributary
-  100-Year Floodplain - Zone AE
-  Subject Site

Horizon
Environmental Services, Inc.

Date:	01/08/2020
Drawn:	TED
HJN NO:	200044.001 WD
Source:	FEMA, 2008; Nearmap, 2020

Figure 2
Jurisdictional Determination Map
Wolf Lakes Village Tract
Georgetown, Williamson County, Texas

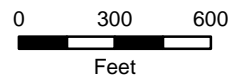




PHOTO 1

General view of the ephemeral tributary located on the eastern portion of the subject site



PHOTO 2

General view of the ephemeral tributary located on the eastern portion of the subject site



PHOTO 3

General view of the ephemeral tributary located on the eastern portion of the subject site



PHOTO 4

General view of the ephemeral tributary located on the eastern portion of the subject site



PHOTO 5

General view of woodland vegetation located on the subject site



PHOTO 6

General view of woodland vegetation located on the subject site



PHOTO 7

General view of grassland vegetation located on the subject site



PHOTO 8

General view of grassland vegetation located on the subject site



PHOTO 1

General view of the ephemeral tributary located on the eastern portion of the subject site



PHOTO 2

General view of the ephemeral tributary located on the eastern portion of the subject site



PHOTO 3

General view of the ephemeral tributary located on the eastern portion of the subject site



PHOTO 4

General view of the ephemeral tributary located on the eastern portion of the subject site



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General view of the ephemeral tributary located on the eastern portion of the subject site



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General view of the ephemeral tributary located on the eastern portion of the subject site



PHOTO 8

General view of the ephemeral tributary located on the eastern portion of the subject site



PHOTO 9

General view of the ephemeral tributary located on the eastern portion of the subject site



PHOTO 10

General view of the ephemeral tributary located on the eastern portion of the subject site



PHOTO 11

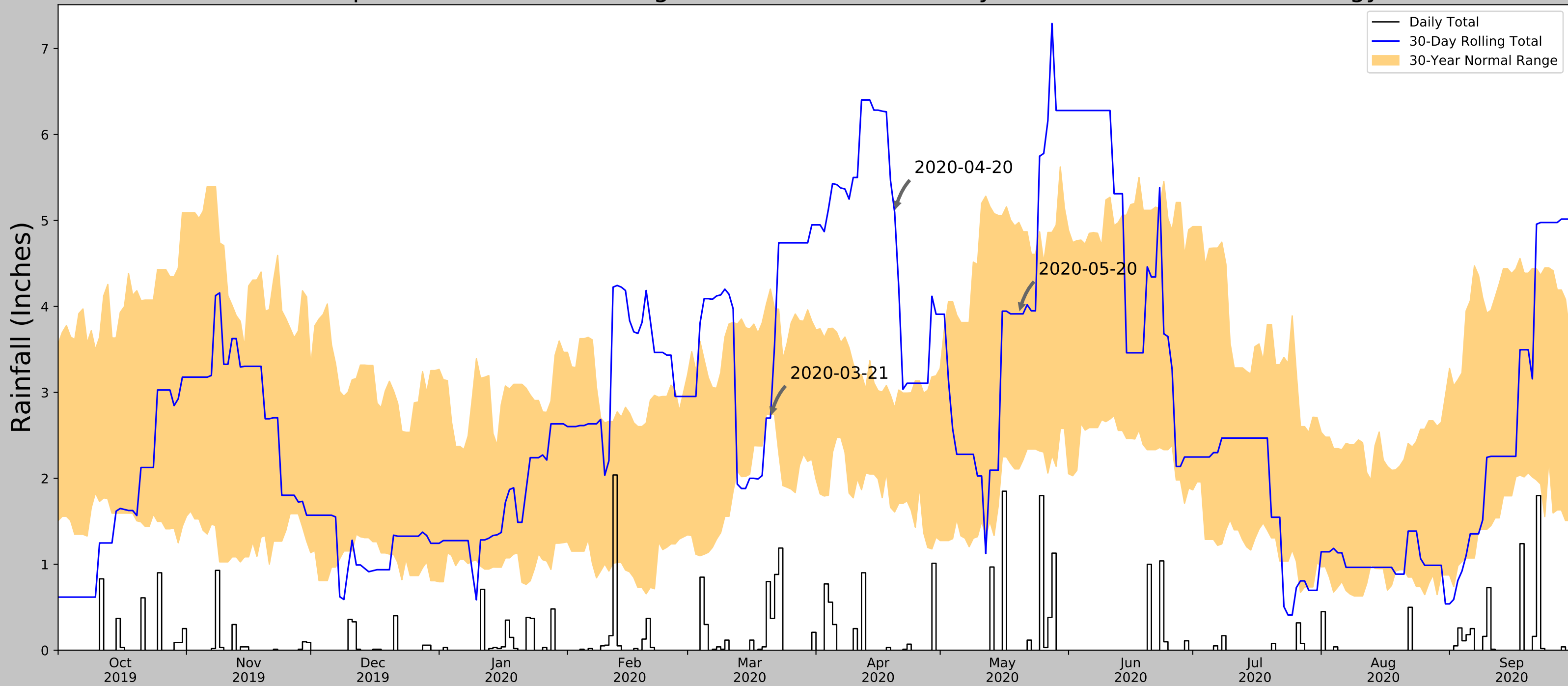
General view of the ephemeral tributary located on the eastern portion of the subject site



PHOTO 12

General view of the ephemeral tributary located on the eastern portion of the subject site

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



Coordinates	30.636711, -97.691208
Observation Date	2020-05-20
Elevation (ft)	780.27
Drought Index (PDSI)	Moderate wetness
WebWIMP H ₂ O Balance	Dry Season

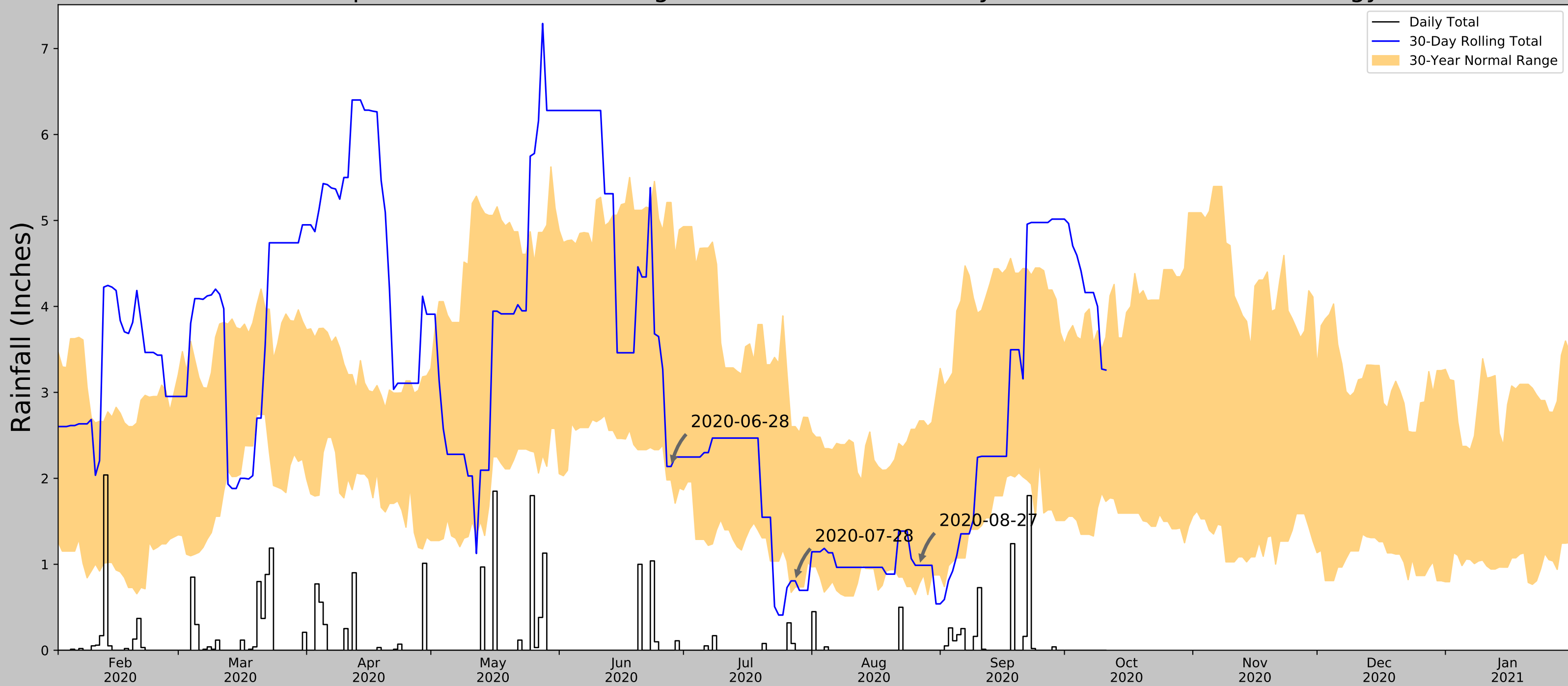
30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2020-05-20	2.109843	4.977166	3.913386	Normal	2	3	6
2020-04-20	1.609055	2.820866	5.094488	Wet	3	2	6
2020-03-21	2.743307	4.201969	2.700787	Dry	1	1	1
Result							Normal Conditions - 13

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
GEORGETOWN LAKE	30.6764, -97.7208	874.016	3.258	93.746	1.771	11190	68
GEORGETOWN 0.3 N	30.6514, -97.6866	737.861	1.051	42.409	0.518	18	8
GEORGETOWN 0.5 N	30.6546, -97.6867	768.045	1.265	12.225	0.585	2	0
GEORGETOWN 1.4 SE	30.6309, -97.6715	750.984	1.239	29.286	0.594	83	14
GEORGETOWN 1.2 W	30.6504, -97.7069	799.869	1.328	19.599	0.624	7	0
ROUND ROCK 3 NE	30.5414, -97.635	721.129	7.385	59.141	3.76	52	0

Figure and tables made by the
Antecedent Precipitation Tool
Version 1.0

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

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



Coordinates	30.636711, -97.691208
Observation Date	2020-08-27
Elevation (ft)	780.27
Drought Index (PDSI)	Mild wetness
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
2020-08-27	0.779134	2.669291	0.988189	Normal	2	3	6
2020-07-28	0.73622	2.601575	0.807087	Normal	2	2	4
2020-06-28	1.981102	5.209449	2.137795	Normal	2	1	2
Result							Normal Conditions - 12

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
GEORGETOWN LAKE	30.6764, -97.7208	874.016	3.258	93.746	1.772	11190	89
GEORGETOWN 0.3 N	30.6514, -97.6866	737.861	1.051	42.409	0.518	18	0
GEORGETOWN 0.5 N	30.6546, -97.6867	768.045	1.265	12.225	0.585	2	0
GEORGETOWN 1.4 SE	30.6309, -97.6715	750.984	1.239	29.286	0.594	83	1
GEORGETOWN 1.2 W	30.6504, -97.7069	799.869	1.328	19.599	0.624	7	0
ROUND ROCK 3 NE	30.5414, -97.635	721.129	7.385	59.141	3.76	52	0

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