
***Lake Thunderbird TMDL Monitoring Plan Implementation:
Sample Year (SY) 2020- May Report***



SY2020 Monthly Report

Lake Thunderbird TMDL Monitoring Plan Implementation:

May 2020 Monitoring Report

Oklahoma Water Resources Board
Water Quality Programs Division
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SUMMARY OF MAY WATER QUALITY SAMPLING

Sampling for May 2020 occurred on the twenty-sixth and was considered a base flow collection. Water samples were collected at all ten locations, and discharge measurements were collected at eight locations. Mesonet data shows no precipitation on the twenty-sixth, 0.86 inches of precipitation in the 72 hours prior to sampling, and 0.12 inches of precipitation in the 72 hours after the sampling event. The total rainfall amount in Norman for the month of May was 4.25 inches. All water level gauges were operational for the month, except for LT-1 due to equipment malfunction.

RESULTS

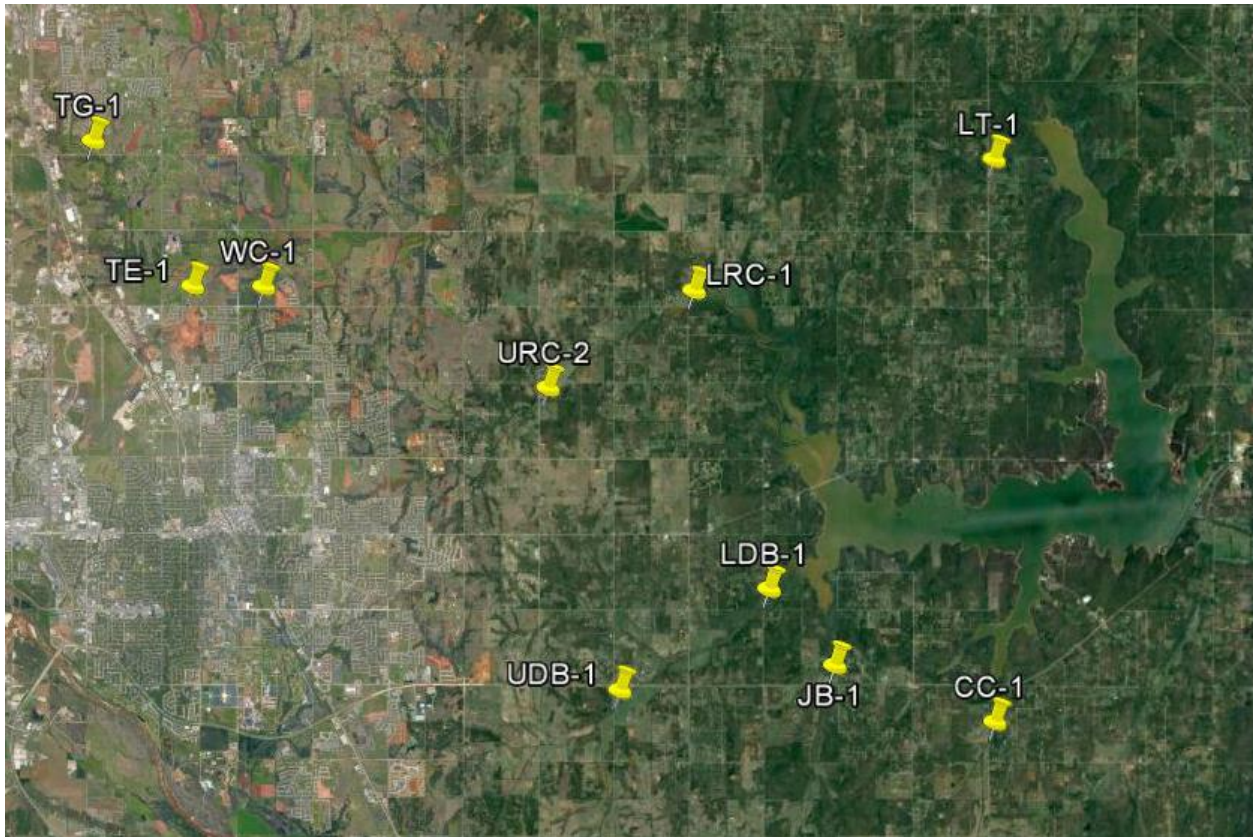


Figure 1 Monitoring Station Map

Monitoring Location ID	Monitoring Location Name	Date	Time	Field Crew	Water Temperature (°C)	Dissolved Oxygen (DO) (mg/l)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Notes
CC-1	Clear Creek	5/26/2020	10:40	SD	18.35	9.08	7.81	658	10	borderline normal/above visual flow
JB-1	Jim Blue Creek	5/26/2020	11:10	SD	18.33	7.77	7.69	649	32	borderline normal/above visual flow
LDB-1	Lower Dave Blue Creek	5/26/2020	10:00	SD	18.80	7.26	7.63	683	66	stage above normal, visual flow appears normal
LRC-1	Lower Rock Creek	5/26/2020	12:25	SD	19.11	8.03	7.72	482	62	more turbid than normal, visual flow appears normal
LT-1	Lake Laterals	5/26/2020	11:50	SD	19.32	3.90	7.38	377	20	
TE-1	Little River Tributary	5/26/2020	14:20	SD	21.48	8.55	7.81	445	65	more turbid than normal, visual flow appears normal
TG-1	Little River Tributary	5/26/2020	14:50	SD	20.56	8.64	7.85	492	19	more turbid than normal, borderline normal/above visual flow
UDB-1	Upper Dave Blue Creek	5/26/2020	9:20	SD	18.15	8.17	7.55	661	37	last transmission 5/25 @ 17:00 at 17.59
URC-2	Upper Rock Creek	5/26/2020	13:00	SD	18.87	7.43	7.72	527	64	borderline normal/above visual flow
WC-1	Woodcrest Creek	5/26/2020	13:45	SD	19.43	7.77	7.66	495	24	

Table 1 Field Data Form

Monitoring Location ID	Monitoring Location Name	Nitrate and Nitrite (mg/l)	Kjeldahl Nitrogen (mg/l)	Phosphorus (mg/l)	Total Suspended Solids (mg/l)
CC-1	Clear Creek	0.18	0.40	0.056	6
JB-1	Jim Blue Creek	0.08	0.71	0.097	40
LDB-1	Lower Dave Blue Creek	0.18	0.80	0.112	58
LRC-1	Lower Rock Creek	0.23	0.70	0.096	44
LT-1	Lake Laterals	<0.05	0.84	0.083	18
TE-1	Little River Tributary	0.29	0.81	0.110	34
TG-1	Little River Tributary	0.23	0.75	0.135	18
UDB-1	Upper Dave Blue Creek	0.14	0.67	0.082	22
URC-2	Upper Rock Creek	0.13	1.01	0.118	52
WC-1	Woodcrest Creek	0.18	0.97	0.257	30

Table 2 Laboratory Analysis Summary

Monitoring Location Name	Nitrate and Nitrite (mg/l)	Kjeldahl Nitrogen (mg/l)	Phosphorus (mg/l)	Total Suspended Solids (mg/l)
Field Blank	<0.05	<0.10	<0.010	<5.0
Duplicate	0.13	0.96	0.118	50
Duplicate RPD	0%	5.08%	0%	3.92%

Table 3 QA/QC Data

Quality assurance/quality control (QA/QC) of the data includes a field blank and duplicate sample from each collection event and is qualified by the OWRB. Relative Percent Difference (RPD) of the duplicate sample can be categorized into four levels, where Level 1 likely has no QA issues and Level 4 has major QA issues, and should be used with caution.

Monitoring Location ID	Monitoring Location Name	Discharge (cfs)	Stream Stage (ft)
CC-1	Clear Creek	1.91	20.64
JB-1	Jim Blue Creek	2.96	15.63
LDB-1	Lower Dave Blue Creek	26.37	17.30
LRC-1	Lower Rock Creek	5.80	18.25
LT-1	Lake Laterals	0.77	4.52
TE-1	Little River Tributary	1.77	11.63
TG-1	Little River Tributary	6.03	9.38
UDB-1	Upper Dave Blue Creek	8.13	17.91
URC-2	Upper Rock Creek	3.66	11.74
WC-1	Woodcrest Creek	1.83	7.97

Table 4 Station Discharge Summary

Discharge Measurement Summary

Date Generated: Wed Aug 19 2020

File Information		Site Details	
File Name	URC0527.WAD	Site Name	UPPER ROCK CREEK
Start Date and Time	2020/05/26 14:22:16	Operator(s)	JTW

System Information		Units (English Units)		Discharge Uncertainty		
Sensor Type	FlowTracker	Distance	ft	Category	ISO	Stats
Serial #	P4713	Velocity	ft/s	Accuracy	1.0%	1.0%
CPU Firmware Version	3.9	Area	ft^2	Depth	0.4%	1.6%
Software Ver	2.30	Discharge	cfs	Velocity	0.6%	1.9%
Mounting Correction	0.0%			Width	0.1%	0.1%
				Method	1.8%	-
				# Stations	2.5%	-
				Overall	3.3%	2.7%

Summary			
Averaging Int.	40	# Stations	20
Start Edge	LEW	Total Width	10.000
Mean SNR	35.5 dB	Total Area	6.700
Mean Temp	65.97 °F	Mean Depth	0.670
Disch. Equation	Mid-Section	Mean Velocity	0.5470
		Total Discharge	3.6648

Supplemental Data					
#	Time	Location	Gauge Height	Rated Flow	Comments
1	Tue May 26 14:21:11 CDT 2020	0.000	11.740		

Measurement Results												
St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q
0	14:22	0.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0
1	14:22	1.00	0.6	0.600	0.6	0.240	0.4544	1.00	0.4544	0.450	0.2045	5.6
2	14:24	1.50	0.6	0.700	0.6	0.280	0.4334	1.00	0.4334	0.350	0.1517	4.1
3	14:25	2.00	0.6	0.700	0.6	0.280	0.5052	1.00	0.5052	0.350	0.1769	4.8
4	14:26	2.50	0.6	0.800	0.6	0.320	0.5614	1.00	0.5614	0.400	0.2245	6.1
5	14:27	3.00	0.6	0.800	0.6	0.320	0.5535	1.00	0.5535	0.400	0.2214	6.0
6	14:28	3.50	0.6	0.800	0.6	0.320	0.5515	1.00	0.5515	0.400	0.2206	6.0
7	14:29	4.00	0.6	0.900	0.6	0.360	0.5869	1.00	0.5869	0.450	0.2641	7.2
8	14:29	4.50	0.6	0.700	0.6	0.280	0.5856	1.00	0.5856	0.350	0.2050	5.6
9	14:30	5.00	0.6	0.700	0.6	0.280	0.5961	1.00	0.5961	0.350	0.2087	5.7
10	14:31	5.50	0.6	0.700	0.6	0.280	0.6808	1.00	0.6808	0.350	0.2383	6.5
11	14:32	6.00	0.6	0.700	0.6	0.280	0.6211	1.00	0.6211	0.350	0.2174	5.9
12	14:33	6.50	0.6	0.600	0.6	0.240	0.7260	1.00	0.7260	0.300	0.2178	5.9
<i>13</i>	<i>14:34</i>	<i>7.00</i>	<i>0.6</i>	<i>0.600</i>	<i>0.6</i>	<i>0.240</i>	<i>0.6545</i>	<i>1.00</i>	<i>0.6545</i>	<i>0.300</i>	<i>0.1964</i>	<i>5.4</i>
14	14:35	7.50	0.6	0.700	0.6	0.280	0.6913	1.00	0.6913	0.350	0.2420	6.6
15	14:36	8.00	0.6	0.800	0.6	0.320	0.4934	1.00	0.4934	0.400	0.1973	5.4
16	14:37	8.50	0.6	0.800	0.6	0.320	0.4232	1.00	0.4232	0.400	0.1693	4.6
17	14:38	9.00	0.6	0.800	0.6	0.320	0.4216	1.00	0.4216	0.400	0.1686	4.6
18	14:39	9.50	0.6	0.700	0.6	0.280	0.4009	1.00	0.4009	0.350	0.1403	3.8
19	14:39	10.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0

Rows in italics indicate a QC warning. See the Quality Control page of this report for more information.

Figure 2 Discharge Measurement Summary URC-2

Discharge Measurement Summary

Date Generated: Wed Aug 19 2020

File Information				Site Details								
File Name	CC0526.WAD			Site Name	CLEAR CREEK							
Start Date and Time	2020/05/26 11:38:04			Operator(s)	JTW							
System Information				Units (English Units)		Discharge Uncertainty						
Sensor Type	FlowTracker			Distance	ft		Category	ISO	Stats			
Serial #	P4713			Velocity	ft/s		Accuracy	1.0%	1.0%			
CPU Firmware Version	3.9			Area	ft^2		Depth	0.6%	7.2%			
Software Ver	2.30			Discharge	cfs		Velocity	1.9%	19.8%			
Mounting Correction	0.0%											
Width							Method	3.2%	-			
							# Stations	3.9%	-			
							Overall	5.5%	21.1%			
Summary												
Averaging Int.	40	# Stations	13									
Start Edge	REW	Total Width	7.000									
Mean SNR	41.1 dB	Total Area	3.000									
Mean Temp	65.18 °F	Mean Depth	0.429									
Disch. Equation	Mid-Section	Mean Velocity	0.6359									
		Total Discharge	1.9075									
Supplemental Data												
#	Time	Location	Gauge Height	Rated Flow	Comments							
1	Tue May 26 11:36:22 CDT 2020	0.000	20.640									
Measurement Results												
St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q
0	11:38	0.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0
<i>1</i>	<i>11:38</i>	<i>1.00</i>	<i>0.6</i>	<i>0.500</i>	<i>0.6</i>	<i>0.200</i>	<i>0.0154</i>	<i>1.00</i>	<i>0.0154</i>	<i>0.375</i>	<i>0.0058</i>	<i>0.3</i>
<i>2</i>	<i>11:39</i>	<i>1.50</i>	<i>0.6</i>	<i>0.800</i>	<i>0.6</i>	<i>0.320</i>	<i>0.0469</i>	<i>1.00</i>	<i>0.0469</i>	<i>0.400</i>	<i>0.0188</i>	<i>1.0</i>
<i>3</i>	<i>11:40</i>	<i>2.00</i>	<i>0.6</i>	<i>0.600</i>	<i>0.6</i>	<i>0.240</i>	<i>0.1171</i>	<i>1.00</i>	<i>0.1171</i>	<i>0.300</i>	<i>0.0351</i>	<i>1.8</i>
<i>4</i>	<i>11:41</i>	<i>2.50</i>	<i>0.6</i>	<i>0.500</i>	<i>0.6</i>	<i>0.200</i>	<i>1.0659</i>	<i>1.00</i>	<i>1.0659</i>	<i>0.250</i>	<i>0.2665</i>	<i>14.0</i>
<i>5</i>	<i>11:42</i>	<i>3.00</i>	<i>0.6</i>	<i>0.500</i>	<i>0.6</i>	<i>0.200</i>	<i>0.7241</i>	<i>1.00</i>	<i>0.7241</i>	<i>0.250</i>	<i>0.1810</i>	<i>9.5</i>
<i>6</i>	<i>11:43</i>	<i>3.50</i>	<i>0.6</i>	<i>0.600</i>	<i>0.6</i>	<i>0.240</i>	<i>1.6096</i>	<i>1.00</i>	<i>1.6096</i>	<i>0.300</i>	<i>0.4829</i>	<i>25.3</i>
<i>7</i>	<i>11:44</i>	<i>4.00</i>	<i>0.6</i>	<i>0.500</i>	<i>0.6</i>	<i>0.200</i>	<i>1.5860</i>	<i>1.00</i>	<i>1.5860</i>	<i>0.250</i>	<i>0.3965</i>	<i>20.8</i>
<i>8</i>	<i>11:45</i>	<i>4.50</i>	<i>0.6</i>	<i>0.500</i>	<i>0.6</i>	<i>0.200</i>	<i>1.5052</i>	<i>1.00</i>	<i>1.5052</i>	<i>0.250</i>	<i>0.3763</i>	<i>19.7</i>
<i>9</i>	<i>11:46</i>	<i>5.00</i>	<i>0.6</i>	<i>0.500</i>	<i>0.6</i>	<i>0.200</i>	<i>0.0738</i>	<i>1.00</i>	<i>0.0738</i>	<i>0.250</i>	<i>0.0185</i>	<i>1.0</i>
<i>10</i>	<i>11:47</i>	<i>5.50</i>	<i>0.6</i>	<i>0.300</i>	<i>0.6</i>	<i>0.120</i>	<i>-0.0538</i>	<i>1.00</i>	<i>-0.0538</i>	<i>0.150</i>	<i>-0.0081</i>	<i>-0.4</i>
<i>11</i>	<i>11:48</i>	<i>6.00</i>	<i>0.6</i>	<i>0.300</i>	<i>0.6</i>	<i>0.120</i>	<i>0.5968</i>	<i>1.00</i>	<i>0.5968</i>	<i>0.225</i>	<i>0.1342</i>	<i>7.0</i>
<i>12</i>	<i>11:48</i>	<i>7.00</i>	<i>None</i>	<i>0.000</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0000</i>	<i>1.00</i>	<i>0.0000</i>	<i>0.000</i>	<i>0.0000</i>	<i>0.0</i>

Rows in italics indicate a QC warning. See the Quality Control page of this report for more information.

Figure 3 Discharge Measurement Summary CC-1

Discharge Measurement Summary

Date Generated: Wed Aug 19 2020

File Information				Site Details								
File Name	JB0526.WAD			Site Name	JIM BLUE							
Start Date and Time	2020/05/26 12:16:41			Operator(s)	JTW							
System Information				Units (English Units)		Discharge Uncertainty						
Sensor Type	FlowTracker			Distance	ft	Category	ISO	Stats				
Serial #	P4713			Velocity	ft/s	Accuracy	1.0%	1.0%				
CPU Firmware Version	3.9			Area	ft^2	Depth	0.5%	2.3%				
Software Ver	2.30			Discharge	cfs	Velocity	1.2%	4.5%				
Mounting Correction	0.0%					Width	0.2%	0.2%				
						Method	2.7%	-				
						# Stations	5.1%	-				
						Overall	6.1%	5.1%				
Summary												
Averaging Int.	40	# Stations	10									
Start Edge	LEW	Total Width	5.000									
Mean SNR	45.3 dB	Total Area	2.825									
Mean Temp	65.27 °F	Mean Depth	0.565									
Disch. Equation	Mid-Section	Mean Velocity	1.0488									
		Total Discharge	2.9631									
Supplemental Data												
#	Time	Location	Gauge Height	Rated Flow	Comments							
1	Tue May 26 12:13:50 CDT 2020	0.000	15.630									
Measurement Results												
St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q
0	12:16	0.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0
1	12:16	0.50	0.6	0.700	0.6	0.280	0.4383	1.00	0.4383	0.350	0.1534	5.2
2	12:18	1.00	0.6	0.800	0.6	0.320	0.9642	1.00	0.9642	0.400	0.3856	13.0
3	12:19	1.50	0.6	0.700	0.6	0.280	1.0971	1.00	1.0971	0.350	0.3841	13.0
4	12:20	2.00	0.6	0.700	0.6	0.280	1.0138	1.00	1.0138	0.350	0.3549	12.0
5	12:21	2.50	0.6	0.700	0.6	0.280	1.2805	1.00	1.2805	0.350	0.4483	15.1
6	12:21	3.00	0.6	0.700	0.6	0.280	1.4072	1.00	1.4072	0.350	0.4926	16.6
7	12:23	3.50	0.6	0.600	0.6	0.240	1.0958	1.00	1.0958	0.300	0.3288	11.1
8	12:24	4.00	0.6	0.500	0.6	0.200	1.1079	1.00	1.1079	0.375	0.4155	14.0
9	12:24	5.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0

Rows in italics indicate a QC warning. See the Quality Control page of this report for more information.

Figure 4 Discharge Measurement Summary JB-1

Discharge Measurement Summary

Date Generated: Wed Aug 19 2020

File Information		Site Details	
File Name	LRC0526.WAD	Site Name	LOWER ROCK
Start Date and Time	2020/05/26 14:59:20	Operator(s)	JTW

System Information		Units (English Units)		Discharge Uncertainty		
Sensor Type	FlowTracker	Distance	ft	Category	ISO	Stats
Serial #	P4713	Velocity	ft/s	Accuracy	1.0%	1.0%
CPU Firmware Version	3.9	Area	ft^2	Depth	0.3%	1.8%
Software Ver	2.30	Discharge	cfs	Velocity	0.3%	1.8%
Mounting Correction	0.0%			Width	0.1%	0.1%
				Method	1.7%	-
				# Stations	2.1%	-
				Overall	2.9%	2.7%

Summary			
Averaging Int.	40	# Stations	24
Start Edge	LEW	Total Width	14.000
Mean SNR	34.9 dB	Total Area	8.350
Mean Temp	67.79 °F	Mean Depth	0.596
Disch. Equation	Mid-Section	Mean Velocity	0.6941
		Total Discharge	5.7954

Supplemental Data					
#	Time	Location	Gauge Height	Rated Flow	Comments
1	Tue May 26 14:57:36 CDT 2020	0.000	18.250		

Measurement Results												
St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q
0	14:59	0.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0
1	15:00	2.00	0.6	0.600	0.6	0.240	0.5315	1.00	0.5315	0.750	0.3987	6.9
2	15:01	2.50	0.6	0.900	0.6	0.360	0.6476	1.00	0.6476	0.450	0.2914	5.0
3	15:03	3.00	0.6	0.900	0.6	0.360	0.7320	1.00	0.7320	0.450	0.3294	5.7
4	15:04	3.50	0.6	0.900	0.6	0.360	0.5823	1.00	0.5823	0.450	0.2620	4.5
5	15:05	4.00	0.6	1.100	0.6	0.440	0.7710	1.00	0.7710	0.550	0.4241	7.3
6	15:06	4.50	0.6	1.000	0.6	0.400	0.8025	1.00	0.8025	0.500	0.4012	6.9
7	15:07	5.00	0.6	1.100	0.6	0.440	0.7762	1.00	0.7762	0.550	0.4270	7.4
8	15:08	5.50	0.6	1.000	0.6	0.400	0.7539	1.00	0.7539	0.500	0.3770	6.5
9	15:09	6.00	0.6	0.900	0.6	0.360	0.7648	1.00	0.7648	0.450	0.3441	5.9
10	15:10	6.50	0.6	0.800	0.6	0.320	0.7828	1.00	0.7828	0.400	0.3131	5.4
11	15:11	7.00	0.6	0.800	0.6	0.320	0.7894	1.00	0.7894	0.400	0.3157	5.4
12	15:12	7.50	0.6	0.700	0.6	0.280	0.7352	1.00	0.7352	0.350	0.2574	4.4
13	15:13	8.00	0.6	0.700	0.6	0.280	0.7438	1.00	0.7438	0.350	0.2604	4.5
14	15:14	8.50	0.6	0.600	0.6	0.240	0.7283	1.00	0.7283	0.300	0.2185	3.8
15	15:15	9.00	0.6	0.600	0.6	0.240	0.7300	1.00	0.7300	0.300	0.2190	3.8
16	15:16	9.50	0.6	0.500	0.6	0.200	0.6503	1.00	0.6503	0.250	0.1626	2.8
17	15:16	10.00	0.6	0.500	0.6	0.200	0.6778	1.00	0.6778	0.250	0.1695	2.9
18	15:17	10.50	0.6	0.500	0.6	0.200	0.5689	1.00	0.5689	0.250	0.1422	2.5
19	15:18	11.00	0.6	0.400	0.6	0.160	0.6430	1.00	0.6430	0.200	0.1286	2.2
20	15:19	11.50	0.6	0.400	0.6	0.160	0.5577	1.00	0.5577	0.200	0.1115	1.9
21	15:20	12.00	0.6	0.300	0.6	0.120	0.6119	1.00	0.6119	0.150	0.0917	1.6
22	15:21	12.50	0.6	0.300	0.6	0.120	0.5016	1.00	0.5016	0.300	0.1504	2.6
23	15:21	14.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0

Rows in italics indicate a QC warning. See the Quality Control page of this report for more information.

Figure 5 Discharge Measurement Summary LRC-1

Discharge Measurement Summary

Date Generated: Wed Aug 19 2020

File Information				Site Details									
File Name	WC0526.WAD			Site Name	WOODCREST								
Start Date and Time	2020/05/26 17:15:50			Operator(s)	JTW								
System Information				Units (English Units)		Discharge Uncertainty							
Sensor Type	FlowTracker			Distance	ft	Category	ISO	Stats					
Serial #	P4713			Velocity	ft/s	Accuracy	1.0%	1.0%					
CPU Firmware Version	3.9			Area	ft^2	Depth	0.5%	1.8%					
Software Ver	2.30			Discharge	cfs	Velocity	0.6%	4.1%					
Mounting Correction	0.0%					Width	0.2%	0.2%					
						Method	2.4%	-					
						# Stations	3.0%	-					
						Overall	4.0%	4.6%					
Summary													
Averaging Int.	40	# Stations	17										
Start Edge	LEW	Total Width	12.000										
Mean SNR	36.2 dB	Total Area	3.299										
Mean Temp	67.16 °F	Mean Depth	0.275										
Disch. Equation	Mid-Section	Mean Velocity	0.5547										
		Total Discharge	1.8298										
Supplemental Data													
#	Time	Location	Gauge Height	Rated Flow	Comments								
1	Tue May 26 17:14:27 CDT 2020	0.000	7.965										
Measurement Results													
St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q	
0	17:15	0.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0	
<i>1</i>	<i>17:15</i>	<i>2.00</i>	<i>0.6</i>	<i>0.300</i>	<i>0.6</i>	<i>0.120</i>	<i>-0.0233</i>	<i>1.00</i>	<i>-0.0233</i>	<i>0.375</i>	<i>-0.0087</i>	<i>-0.5</i>	
<i>2</i>	<i>17:16</i>	<i>2.50</i>	<i>0.6</i>	<i>0.400</i>	<i>0.6</i>	<i>0.160</i>	<i>-0.0066</i>	<i>1.00</i>	<i>-0.0066</i>	<i>0.200</i>	<i>-0.0013</i>	<i>-0.1</i>	
<i>3</i>	<i>17:17</i>	<i>3.00</i>	<i>0.6</i>	<i>0.400</i>	<i>0.6</i>	<i>0.160</i>	<i>0.0463</i>	<i>1.00</i>	<i>0.0463</i>	<i>0.200</i>	<i>0.0093</i>	<i>0.5</i>	
4	17:18	3.50	0.6	0.400	0.6	0.160	0.3652	1.00	0.3652	0.200	0.0730	4.0	
5	17:19	4.00	0.6	0.400	0.6	0.160	0.7402	1.00	0.7402	0.200	0.1480	8.1	
6	17:20	4.50	0.6	0.400	0.6	0.160	0.7595	1.00	0.7595	0.200	0.1519	8.3	
7	17:21	5.00	0.6	0.400	0.6	0.160	0.8743	1.00	0.8743	0.200	0.1748	9.6	
<i>8</i>	<i>17:22</i>	<i>5.50</i>	<i>0.6</i>	<i>0.400</i>	<i>0.6</i>	<i>0.160</i>	<i>0.8586</i>	<i>1.00</i>	<i>0.8586</i>	<i>0.200</i>	<i>0.1717</i>	<i>9.4</i>	
<i>9</i>	<i>17:22</i>	<i>6.00</i>	<i>0.6</i>	<i>0.400</i>	<i>0.6</i>	<i>0.160</i>	<i>0.7615</i>	<i>1.00</i>	<i>0.7615</i>	<i>0.200</i>	<i>0.1523</i>	<i>8.3</i>	
<i>10</i>	<i>17:23</i>	<i>6.50</i>	<i>0.6</i>	<i>0.400</i>	<i>0.6</i>	<i>0.160</i>	<i>0.7343</i>	<i>1.00</i>	<i>0.7343</i>	<i>0.200</i>	<i>0.1468</i>	<i>8.0</i>	
<i>11</i>	<i>17:24</i>	<i>7.00</i>	<i>0.6</i>	<i>0.300</i>	<i>0.6</i>	<i>0.120</i>	<i>0.8363</i>	<i>1.00</i>	<i>0.8363</i>	<i>0.150</i>	<i>0.1254</i>	<i>6.9</i>	
<i>12</i>	<i>17:25</i>	<i>7.50</i>	<i>0.6</i>	<i>0.300</i>	<i>0.6</i>	<i>0.120</i>	<i>0.7372</i>	<i>1.00</i>	<i>0.7372</i>	<i>0.150</i>	<i>0.1105</i>	<i>6.0</i>	
<i>13</i>	<i>17:26</i>	<i>8.00</i>	<i>0.6</i>	<i>0.300</i>	<i>0.6</i>	<i>0.120</i>	<i>0.8780</i>	<i>1.00</i>	<i>0.8780</i>	<i>0.150</i>	<i>0.1316</i>	<i>7.2</i>	
<i>14</i>	<i>17:27</i>	<i>8.50</i>	<i>0.6</i>	<i>0.300</i>	<i>0.6</i>	<i>0.120</i>	<i>0.6660</i>	<i>1.00</i>	<i>0.6660</i>	<i>0.150</i>	<i>0.0999</i>	<i>5.5</i>	
<i>15</i>	<i>17:28</i>	<i>9.00</i>	<i>0.6</i>	<i>0.300</i>	<i>0.6</i>	<i>0.120</i>	<i>0.6568</i>	<i>1.00</i>	<i>0.6568</i>	<i>0.525</i>	<i>0.3447</i>	<i>18.8</i>	
16	17:28	12.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0	

Rows in italics indicate a QC warning. See the Quality Control page of this report for more information.

Figure 6 Discharge Measurement Summary WC-1

Discharge Measurement Summary

Date Generated: Wed Aug 19 2020

File Information		Site Details	
File Name	UDB0527.WAD	Site Name	UPPER DAVE
Start Date and Time	2020/05/26 12:55:27	Operator(s)	JTW

System Information		Units (English Units)		Discharge Uncertainty		
Sensor Type	FlowTracker	Distance	ft	Category	ISO	Stats
Serial #	P4713	Velocity	ft/s	Accuracy	1.0%	1.0%
CPU Firmware Version	3.9	Area	ft^2	Depth	0.2%	2.8%
Software Ver	2.30	Discharge	cfs	Velocity	0.9%	3.3%
Mounting Correction	0.0%			Width	0.1%	0.1%
				Method	1.7%	-
				# Stations	1.9%	-
				Overall	2.9%	4.4%

Summary			
Averaging Int.	40	# Stations	27
Start Edge	LEW	Total Width	16.000
Mean SNR	35.0 dB	Total Area	12.775
Mean Temp	64.60 °F	Mean Depth	0.798
Disch. Equation	Mid-Section	Mean Velocity	0.6365
		Total Discharge	8.1312

Supplemental Data					
#	Time	Location	Gauge Height	Rated Flow	Comments
1	Tue May 26 12:53:02 CDT 2020	0.000	17.910		

Measurement Results												
St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q
0	12:55	2.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0
1	12:55	3.00	0.6	0.600	0.6	0.240	0.3691	1.00	0.3691	0.450	0.1661	2.0
2	12:56	3.50	0.6	0.700	0.6	0.280	0.0699	1.00	0.0699	0.350	0.0245	0.3
3	12:57	4.00	0.6	0.800	0.6	0.320	0.3353	1.00	0.3353	0.400	0.1341	1.6
4	12:58	4.50	0.6	1.000	0.6	0.400	0.4012	1.00	0.4012	0.500	0.2006	2.5
5	12:59	5.00	0.6	1.100	0.6	0.440	0.4685	1.00	0.4685	0.550	0.2577	3.2
6	13:00	5.50	0.6	0.900	0.6	0.360	0.6302	1.00	0.6302	0.450	0.2836	3.5
7	13:01	6.00	0.6	1.300	0.6	0.520	0.4908	1.00	0.4908	0.650	0.3190	3.9
8	13:02	6.50	0.6	1.300	0.6	0.520	0.4016	1.00	0.4016	0.650	0.2610	3.2
9	13:04	7.00	0.6	1.100	0.6	0.440	0.7454	1.00	0.7454	0.550	0.4100	5.0
10	13:04	7.50	0.6	1.400	0.6	0.560	0.9331	1.00	0.9331	0.700	0.6531	8.0
11	13:06	8.00	0.6	1.300	0.6	0.520	0.9603	1.00	0.9603	0.650	0.6241	7.7
12	13:06	8.50	0.6	1.300	0.6	0.520	0.9990	1.00	0.9990	0.650	0.6493	8.0
13	13:07	9.00	0.6	1.100	0.6	0.440	1.0226	1.00	1.0226	0.550	0.5625	6.9
14	13:08	9.50	0.6	1.200	0.6	0.480	0.8412	1.00	0.8412	0.600	0.5048	6.2
15	13:09	10.00	0.6	0.900	0.6	0.360	0.9495	1.00	0.9495	0.450	0.4272	5.3
16	13:11	10.50	0.6	1.000	0.6	0.400	0.8012	1.00	0.8012	0.500	0.4006	4.9
17	13:11	11.00	0.6	0.900	0.6	0.360	0.6211	1.00	0.6211	0.450	0.2795	3.4
18	13:12	11.50	0.6	1.000	0.6	0.400	0.5705	1.00	0.5705	0.500	0.2853	3.5
19	13:14	12.00	0.6	0.800	0.6	0.320	0.6365	1.00	0.6365	0.400	0.2546	3.1
20	13:15	12.50	0.6	0.800	0.6	0.320	0.5994	1.00	0.5994	0.400	0.2397	2.9
21	13:16	13.00	0.6	0.900	0.6	0.360	0.2861	1.00	0.2861	0.450	0.1287	1.6
22	13:17	13.50	0.6	0.800	0.6	0.320	0.5577	1.00	0.5577	0.400	0.2231	2.7
23	13:18	14.00	0.6	0.800	0.6	0.320	0.5968	1.00	0.5968	0.400	0.2387	2.9
24	13:19	14.50	0.6	0.500	0.6	0.200	0.6089	1.00	0.6089	0.250	0.1522	1.9
25	13:21	15.00	0.6	0.500	0.6	0.200	0.5157	1.00	0.5157	0.875	0.4513	5.5
26	13:21	18.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0

Rows in italics indicate a QC warning. See the Quality Control page of this report for more information.

Figure 7 Discharge Measurement Summary UDB-1

Discharge Measurement Summary

Date Generated: Wed Aug 19 2020

File Information		Site Details	
File Name	LT0526.WAD	Site Name	LAKE LATERAL
Start Date and Time	2020/05/26 15:54:11	Operator(s)	JTW
System Information		Units (English Units)	Discharge Uncertainty
Sensor Type	FlowTracker	Distance	ft
Serial #	P4713	Velocity	ft/s
CPU Firmware Version	3.9	Area	ft^2
Software Ver	2.30	Discharge	cfs
Mounting Correction	0.0%		
Summary			
Averaging Int.	40	# Stations	33
Start Edge	REW	Total Width	19.000
Mean SNR	37.5 dB	Total Area	34.151
Mean Temp	68.78 °F	Mean Depth	1.797
Disch. Equation	Mid-Section	Mean Velocity	0.0225
		Total Discharge	0.7678

Supplemental Data					
#	Time	Location	Gauge Height	Rated Flow	Comments
1	Tue May 26 15:51:42 CDT 2020	0.000	4.520		

Measurement Results												
St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q
0	15:54	1.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0
1	15:54	1.50	0.6	0.800	0.6	0.320	-0.0197	1.00	-0.0197	0.400	-0.0079	-1.0
2	15:55	2.00	0.6	1.000	0.6	0.400	-0.0069	1.00	-0.0069	0.500	-0.0034	-0.4
3	15:56	2.50	0.6	1.300	0.6	0.520	-0.0115	1.00	-0.0115	0.650	-0.0075	-1.0
4	15:57	3.00	0.6	1.700	0.6	0.680	-0.0079	1.00	-0.0079	0.850	-0.0067	-0.9
5	15:58	3.50	0.6	1.900	0.6	0.760	0.0354	1.00	0.0354	0.950	0.0337	4.4
6	15:59	4.00	0.6	2.000	0.6	0.800	0.0276	1.00	0.0276	1.000	0.0276	3.6
7	16:00	4.50	0.6	2.200	0.6	0.880	0.0203	1.00	0.0203	1.100	0.0224	2.9
8	16:01	5.00	0.6	2.400	0.6	0.960	0.0194	1.00	0.0194	1.200	0.0232	3.0
9	16:02	5.50	0.6	2.400	0.6	0.960	0.0344	1.00	0.0344	1.200	0.0413	5.4
10	16:03	6.00	0.6	2.500	0.6	1.000	0.0335	1.00	0.0335	1.250	0.0418	5.4
11	16:04	6.50	0.6	2.600	0.6	1.040	0.0374	1.00	0.0374	1.300	0.0486	6.3
12	16:05	7.00	0.6	2.600	0.6	1.040	0.0361	1.00	0.0361	1.300	0.0469	6.1
13	16:06	7.50	0.6	2.600	0.6	1.040	0.0453	1.00	0.0453	1.300	0.0589	7.7
14	16:07	8.00	0.6	2.700	0.6	1.080	0.0318	1.00	0.0318	1.350	0.0430	5.6
15	16:08	8.50	0.6	2.700	0.6	1.080	0.0381	1.00	0.0381	1.350	0.0514	6.7
16	16:08	9.00	0.6	2.700	0.6	1.080	0.0308	1.00	0.0308	1.350	0.0416	5.4
17	16:09	9.50	0.6	2.700	0.6	1.080	0.0338	1.00	0.0338	1.350	0.0456	5.9
18	16:11	10.00	0.6	2.700	0.6	1.080	0.0341	1.00	0.0341	1.350	0.0461	6.0
19	16:12	10.50	0.6	2.700	0.6	1.080	0.0492	1.00	0.0492	1.350	0.0664	8.7
20	16:13	11.00	0.6	2.600	0.6	1.040	0.0509	1.00	0.0509	1.300	0.0661	8.6
21	16:14	11.50	0.6	2.600	0.6	1.040	0.0469	1.00	0.0469	1.300	0.0610	7.9
22	16:15	12.00	0.6	2.700	0.6	1.080	0.0577	1.00	0.0577	1.350	0.0780	10.2
23	16:16	12.50	0.6	1.800	0.6	0.720	0.0427	1.00	0.0427	0.900	0.0384	5.0
24	16:17	13.00	0.6	1.600	0.6	0.640	0.0066	1.00	0.0066	0.800	0.0052	0.7
25	16:18	13.50	0.6	1.500	0.6	0.600	0.0039	1.00	0.0039	0.750	0.0030	0.4
26	16:19	14.00	0.6	1.400	0.6	0.560	-0.0016	1.00	-0.0016	1.050	-0.0017	-0.2
27	16:20	15.00	0.6	1.200	0.6	0.480	-0.0046	1.00	-0.0046	1.200	-0.0055	-0.7
28	16:21	16.00	0.6	1.400	0.6	0.560	-0.0059	1.00	-0.0059	1.400	-0.0083	-1.1
29	16:22	17.00	0.6	1.200	0.6	0.480	-0.0171	1.00	-0.0171	1.200	-0.0205	-2.7
30	16:24	18.00	0.6	1.100	0.6	0.440	-0.0518	1.00	-0.0518	1.100	-0.0570	-7.4
31	16:25	19.00	0.6	0.700	0.6	0.280	-0.0056	1.00	-0.0056	0.700	-0.0039	-0.5
32	16:25	20.00	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0

Rows in italics indicate a QC warning. See the Quality Control page of this report for more information.

Figure 8 Discharge Measurement Summary LT-1

Station Number:
Station Name: Idb

Meas. No: 0
Date: 05/26/2020

Party: jtw	Width: 39.5 ft	Processed by:
Boat/Motor:	Area: 134 ft ²	Mean Velocity: 0.198 ft/s
Gage Height: 17.30 ft	G.H.Change: 0.000 ft	Discharge: 26.4 ft ³ /s

Area Method: Avg. Course	ADCP Depth: 0.270 ft	Index Vel.: 0.00 ft/s	Rating No.: 1
Nav. Method: Bottom Track	Shore Ens.:10	Adj.Mean Vel: 0.00 ft/s	Qm Rating: U
MagVar Method: None (0.0°)	Bottom Est: Power (0.1667)	Rated Area: 0.000 ft ²	Diff.: 0.000%
Depth: Composite (BT)	Top Est: Power (0.1667)	Control1: Unspecified	
Discharge Method: None		Control2: Unspecified	
% Correction: 0.00		Control3: Unspecified	

Screening Thresholds:	ADCP:
BT 3-Beam Solution: YES	Type/Freq.: RiverRay / 0 kHz
WT 3-Beam Solution: YES	Serial #: 645654 Firmware: 44.16
BT Error Vel.: 3.28 ft/s	Bin Size: 50 cm Blank: 50 cm
WT Error Vel.: 32.81 ft/s	BT Mode: 0 BT Pings: 1
BT Up Vel.: 32.81 ft/s	WT Mode: 1 WT Pings: 1
WT Up Vel.: 32.81 ft/s	WW : 170
Use Weighted Mean Depth: YES	
Max. Vel.: 20.5 ft/s	
Max. Depth: 6.00 ft	
Mean Depth: 3.41 ft	
% Meas.: 42.21	
Water Temp.: None	
ADCP Temp.: 66.2 °F	

Performed Diag. Test: NO
Performed Moving Bed Test: NO
Performed Compass Calibration: YES Evaluation: YES
Meas. Location:

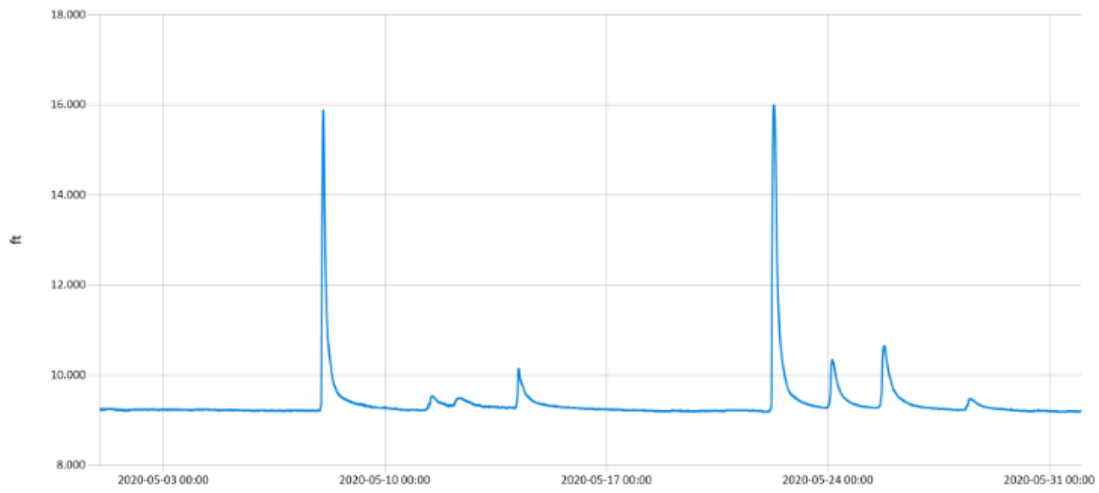
Project Name: Idb052620_0.mmt
Software: 2.20

Tr.#	Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad		
	L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins	
002	L	6	4	196	6.75	10.2	5.69	0.812	0.953	24.4	42	142	00:20	00:22	0.29	0.17	40	2
003	R	6	4	207	8.23	11.5	7.31	-0.812	1.09	27.3	41	135	00:22	00:24	0.28	0.20	40	3
005	R	6	4	195	5.93	12.4	6.46	1.09	0.459	26.4	36	123	00:27	00:29	0.28	0.22	31	5
007	R	6	4	197	4.84	12.2	7.17	0.494	1.38	26.1	35	122	00:32	00:34	0.30	0.21	42	5
009	L	6	4	187	8.05	9.36	6.96	3.67	-0.283	27.8	43	150	00:37	00:40	0.33	0.19	40	2
Mean		6	4	196	6.76	11.1	6.72	1.05	0.720	26.4	39	134	Total	00:20	0.30	0.20	39	3
SDev		0	0	7	1.43	1.33	0.660	1.64	0.652	1.31	3.7	12.1			0.02	0.02		
SD/M		0.0%	0.0%	3.6%	21.2%	11.9%	9.8%	155.5%	90.5%	5.0%	9.3%	9.0%			7.2%	9.7%		

Figure 9 Discharge Measurement Summary LDB-1

Period Selected: 2020-05-01 00:00 - 2020-05-31 23:59

UTC Offset: -06:00

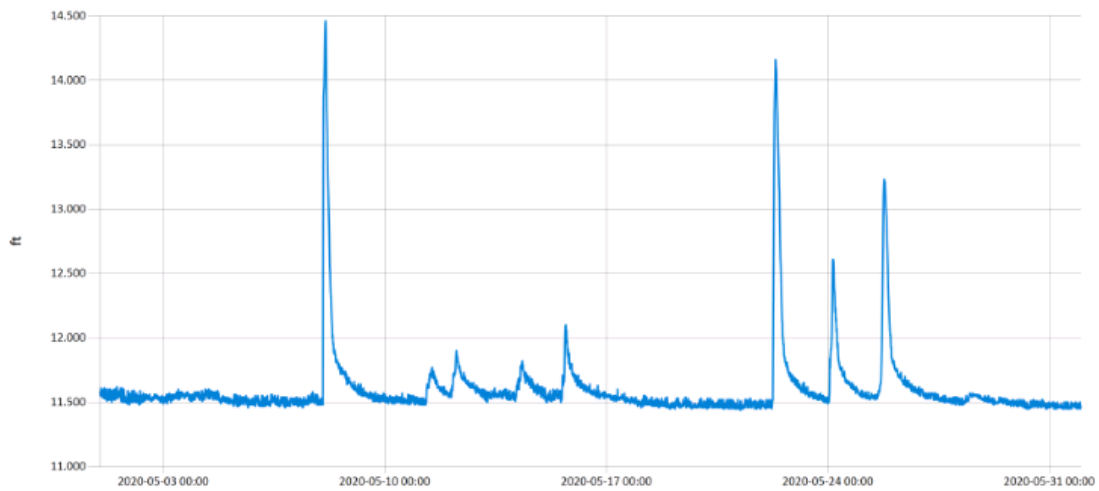


— Stage@TG

Figure 10 Monthly Hydrograph TG-1

Period Selected: 2020-05-01 00:00 - 2020-05-31 23:59

UTC Offset: -06:00



— Stage@TE

Figure 11 Monthly Hydrograph TE-1

Period Selected: 2020-05-01 00:00 - 2020-05-31 23:59

UTC Offset: -06:00

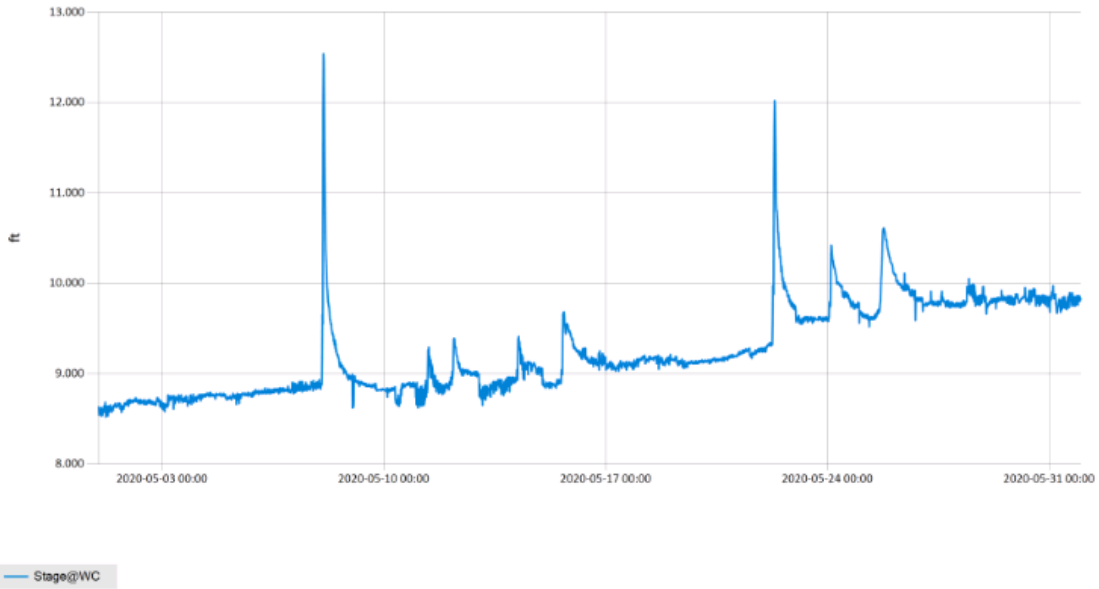


Figure 12 Monthly Hydrograph WC-1

Period Selected: 2020-05-01 00:00 - 2020-05-31 23:59

UTC Offset: -06:00

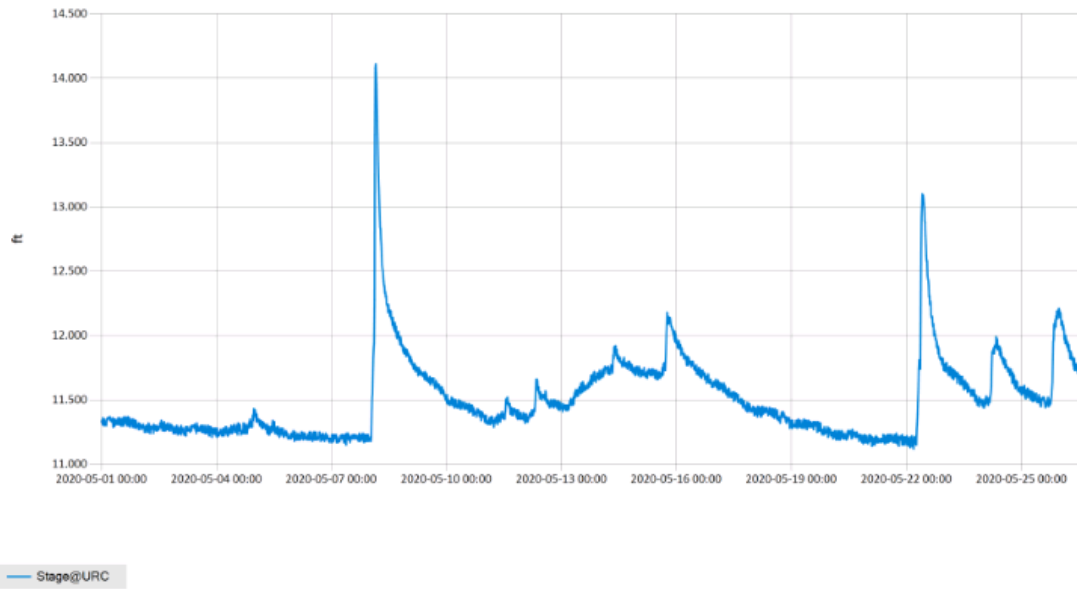


Figure 13 Monthly Hydrograph URC-2

Period Selected: 2020-05-01 00:00 - 2020-05-31 23:59

UTC Offset: -06:00

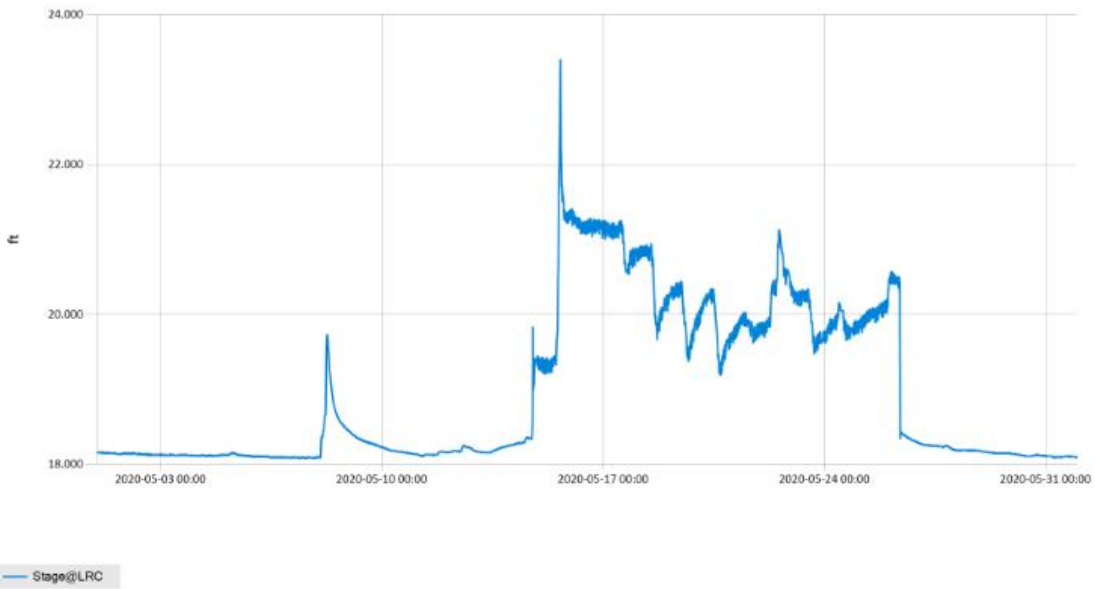


Figure 14 Monthly Hydrograph LRC-1

Period Selected: 2020-05-01 00:00 - 2020-05-31 23:59

UTC Offset: -06:00

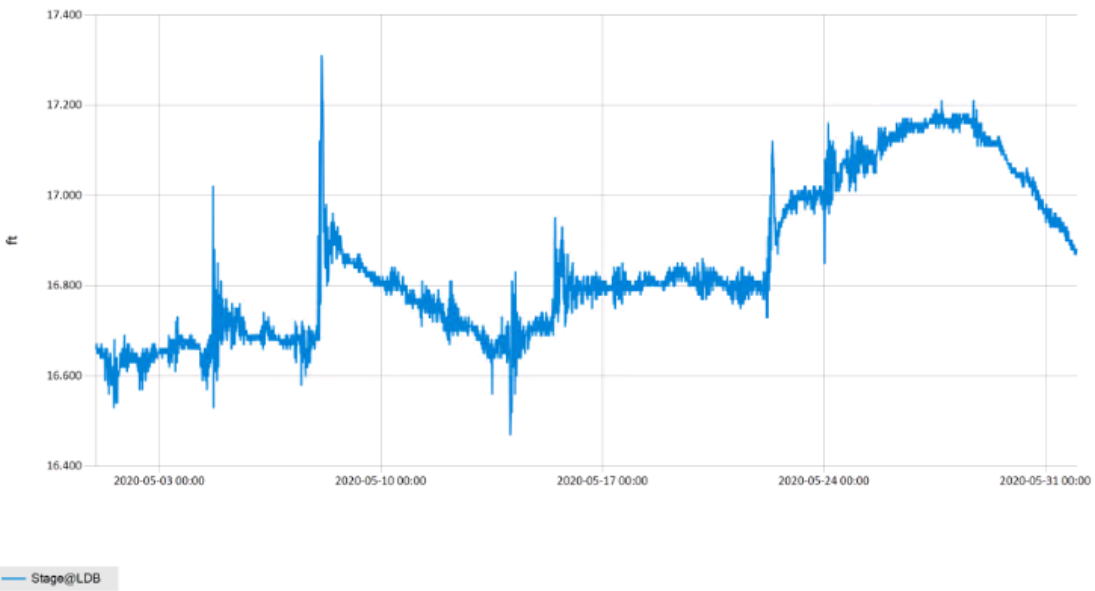


Figure 15 Monthly Hydrograph LDB-1

Period Selected: 2020-05-01 00:00 - 2020-05-31 23:59

UTC Offset: -06:00

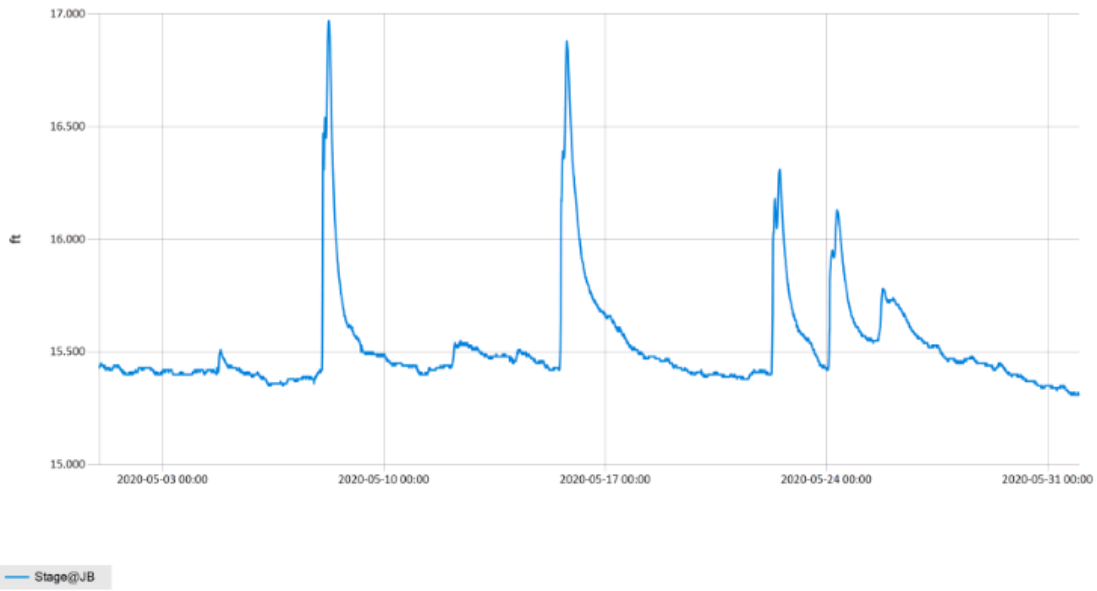


Figure 16 Monthly Hydrograph JB-1

Period Selected: 2020-05-01 00:00 - 2020-05-31 23:59

UTC Offset: -06:00

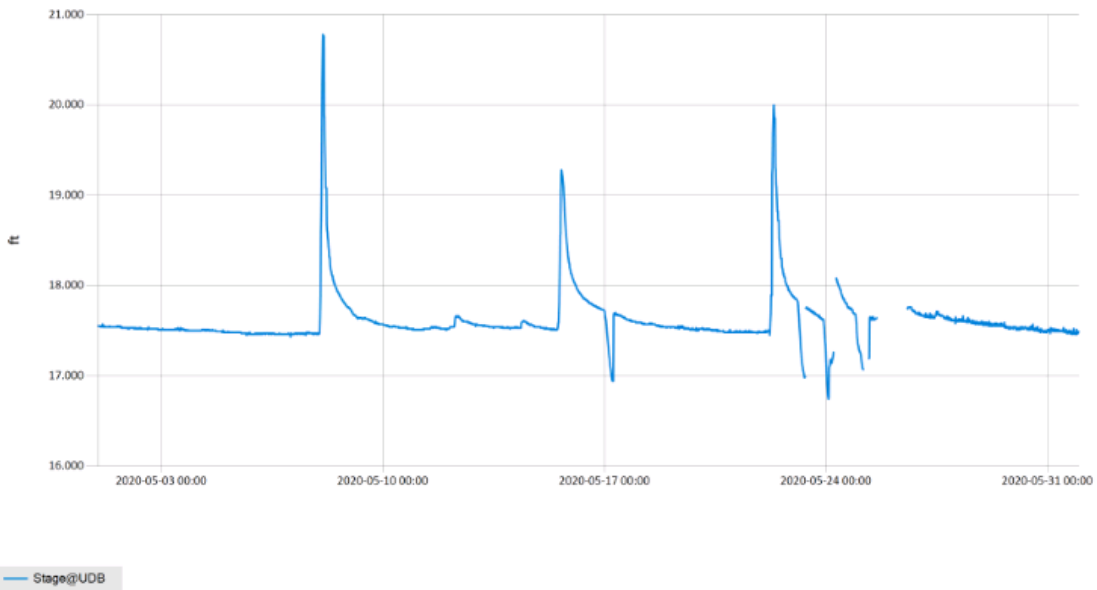


Figure 17 Monthly Hydrograph UDB-1

Period Selected: 2020-05-01 00:00 - 2020-05-31 23:59 UTC Offset: -06:00

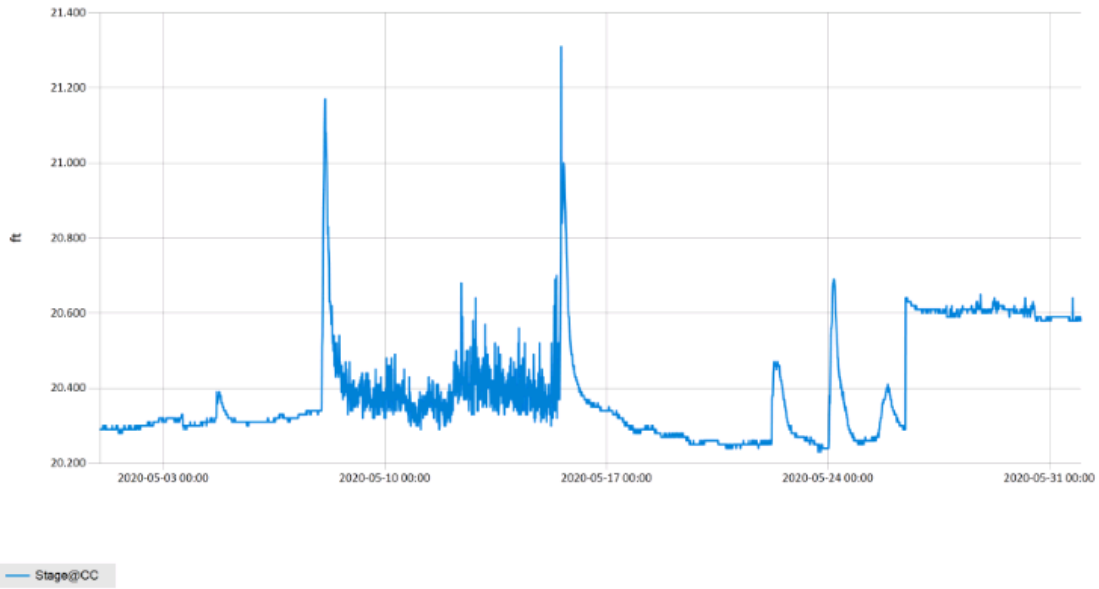


Figure 18 Monthly Hydrograph CC-1

MESONET CLIMATOLOGICAL DATA SUMMARY															May 2020			Time Zone: Midnight-Midnight CST			
(NRMN) Norman															Nearest City: 2.1 NW Norman			County: Cleveland			
Latitude: 35-14-09															Longitude: 97-27-53			Elevation: 1171 feet			
DAY	TEMPERATURE (°F)				DEG DAYS		HUMIDITY (%)			RAIN (in)		PRESSURE (in)			WIND SPEED (mph)		SOLAR (MJ/m ²)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG	(in)	STN	MSL	DIR	AVG	MAX	SOD		BARE	MAX	MIN	
1	87	61	73.6	53.8	0	9	67	38	51	0.00	28.61	29.85	S	12.7	35.9	26.42	64.3	70.4	78	63	
2	86	65	75.1	62.9	0	10	85	53	67	0.00	28.60	29.84	S	10.4	26.8	27.65	66.8	73.9	82	67	
3	81	65	74.0	68.6	0	8	98	70	84	0.00	28.61	29.86	ENE	7.5	17.1	21.12	69.1	75.7	82	70	
4	93	66	77.5	66.7	0	15	96	42	72	0.00	28.53	29.77	N	13.0	34.4	27.16	70.7	77.4	85	71	
5	76	50	64.5	44.7	2	0	83	24	52	0.00	28.86	30.11	N	11.3	28.8	26.83	68.9	74.0	80	69	
6	75	50	63.3	44.8	2	0	85	32	54	0.00	28.95	30.21	ENE	5.1	18.8	26.92	66.4	72.2	81	65	
7	78	57	67.0	50.4	0	2	80	44	56	0.14	28.70	29.94	SE	10.2	44.1	19.58	65.8	71.1	76	66	
8	66	48	58.1	45.8	8	0	100	32	67	1.08	28.86	30.11	N	15.0	43.4	23.52	64.9	66.4	71	61	
9	69	38	56.6	41.9	11	0	96	40	60	0.00	28.96	30.21	SE	5.1	15.9	28.93	62.5	62.2	70	54	
10	67	49	58.7	43.9	7	0	93	41	60	0.00	29.01	30.27	NNE	8.3	21.9	24.72	63.7	62.7	68	58	
11	62	49	55.5	42.5	9	0	86	51	62	0.17	28.95	30.20	E	10.1	24.9	12.38	62.1	59.7	62	57	
12	53	47	50.5	49.2	15	0	99	74	95	0.22	28.78	30.03	ENE	7.2	15.6	4.49	60.0	57.0	59	55	
13	75	52	64.5	61.5	2	0	100	78	91	0.03	28.65	29.90	SSE	8.4	28.3	10.03	61.2	61.0	66	56	
14	83*	62*	73.7*	65.3*	0*	8*	94*	63*	76*	0.16*	28.58*	29.82*	S	11.2*	43.7*	NA	65.5*	68.2*	74*	62*	
15	79	61	68.1	64.3	0	5	97	75	88	0.44	28.56	29.80	S	11.0	37.2	7.20	66.7	68.0	73	65	
16	69	57	63.7	60.8	2	0	99	77	90	0.01	28.61	29.85	NNE	5.3	15.8	7.10	64.9	64.6	67	62	
17	80	57	68.7	55.7	0	4	97	33	68	0.00	28.68	29.92	NNW	9.1	25.6	29.17	66.7	66.8	72	62	
18	82	54	68.4	56.0	0	3	95	43	67	0.00	28.69	29.94	E	3.8	14.1	28.68	67.1	68.8	77	60	
19	78	60	69.1	57.3	0	4	83	51	67	0.00	28.64	29.88	ENE	8.1	17.3	28.50	69.0	72.6	81	65	
20	80	56	68.8	59.1	0	3	92	58	72	0.00	28.64	29.88	E	8.1	18.2	28.78	69.3	74.3	83	66	
21	77	67	70.9	65.2	0	7	92	75	82	0.00	28.59	29.83	SE	8.7	20.7	15.50	69.7	75.0	79	71	
22	83	59	73.3	67.0	0	6	95	64	82	1.02	28.57	29.81	SE	8.5	38.1	22.74	70.1	74.8	80	68	
23	86	64	76.2	65.3	0	10	96	52	70	0.05	28.57	29.82	S	8.5	42.7	24.93	71.5	74.5	79	70	
24	85	63	72.0	65.1	0	9	96	63	79	0.33	28.58	29.82	SSE	10.2	36.8	22.50	71.8	73.8	79	70	
25	69	60	64.8	62.4	0	0	97	81	92	0.48	28.59	29.83	NW	7.0	23.5	4.72	70.0	69.5	71	68	
26	73	58	64.6	58.8	0	1	98	62	82	0.00	28.64	29.89	NW	6.6	18.3	13.80	68.8	68.7	73	65	
27	78	54	67.0	58.5	0	1	100	47	77	0.00	28.65	29.89	NNE	4.7	21.6	21.36	68.4	68.7	74	63	
28	79	63	68.5	63.0	0	6	97	60	83	0.11	28.75	30.00	NNW	6.7	19.3	14.25	69.3	69.7	74	67	
29	82	59	71.7	59.5	0	5	98	44	69	0.01	28.91	30.17	E	4.6	17.3	29.40	69.9	71.4	79	64	
30	83	60	71.8	54.6	0	6	85	35	57	0.00	28.91	30.16	ESE	6.5	18.9	29.96	70.6	72.5	80	65	
31	83	59	72.5	57.9	0	6	86	45	62	0.00	28.91	30.16	SSE	6.3	21.8	29.56	70.7	75.2	85	66	
	77*	57*	67.5*	57.2*	<- Monthly Averages ->						28.71*	29.96*	E	8.4*	44.1*	21.26*	67.3*	69.7*	75*	64*	
Temperature - Highest: 93*							Degree Days - Total HDD: 59*					Number of Days With:									
Lowest: 38*							Total CDD: 128*					Tmax ≥ 90: 1* Rainfall ≥ 0.01 inch: 14*									
Rainfall: Monthly Total: 4.25* in.							Humidity - Highest: 100*					Tmax ≤ 32: 0* Rainfall ≥ 0.10 inch: 10*									
Greatest 24 Hr: 1.08* in.							Lowest: 24*					Tmin ≤ 32: 0* Avg Wind Speed ≥ 10 mph: 10*									
												Tmin ≤ 0: 0* Max Wind Speed ≥ 30 mph: 9*									

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Monthly data generated at 2020-06-05 14:50:57 UTC

* Denotes incomplete record

Figure 19 May Mesonet Data