

Discharge Measurement Summary

Date Generated: Fri Sep 27 2024

File Information

File Name 357001.040.WAD
Start Date and Time 2022/04/12 09:34:58

Site Details

Site Name EAST CANAL
Operator(s) KEK

System Information

Sensor Type FlowTracker
Serial # P2377
CPU Firmware Version 3.9
Software Ver 2.30
Mounting Correction 0.0%

Units (English Units)

Distance ft
Velocity ft/s
Area ft²
Discharge cfs

Discharge Uncertainty

Category	ISO	Stats
Accuracy	1.0%	1.0%
Depth	0.1%	0.4%
Velocity	0.4%	0.8%
Width	0.1%	0.1%
Method	1.3%	-
# Stations	1.4%	-
Overall	2.2%	1.3%

Summary

Averaging Int. 40 # Stations 38
Start Edge REW Total Width 18.400
Mean SNR 16.1 dB Total Area 20.908
Mean Temp 37.96 °F Mean Depth 1.136
Disch. Equation Mid-Section Mean Velocity 2.2734
Total Discharge 47.5325

Measurement Results

St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q
0	09:34	2.80	None	1.520	0.0	0.0	0.0000	0.75	1.5755	0.228	0.3595	0.8
1	09:34	3.10	0.6	1.530	0.6	0.612	2.1007	1.00	2.1007	0.536	1.1250	2.4
2	09:36	3.50	0.6	1.530	0.6	0.612	2.2569	1.00	2.2569	0.688	1.5536	3.3
3	09:37	4.00	0.6	1.500	0.6	0.600	2.2474	1.00	2.2474	0.750	1.6855	3.5
4	09:38	4.50	0.6	1.470	0.6	0.588	2.2251	1.00	2.2251	0.735	1.6356	3.4
5	09:39	5.00	0.6	1.420	0.6	0.568	2.1470	1.00	2.1470	0.710	1.5243	3.2
6	09:41	5.50	0.6	1.390	0.6	0.556	2.1716	1.00	2.1716	0.695	1.5094	3.2
7	09:42	6.00	0.6	1.350	0.6	0.540	2.5440	1.00	2.5440	0.675	1.7173	3.6
8	09:43	6.50	0.6	1.300	0.6	0.520	2.4163	1.00	2.4163	0.650	1.5705	3.3
9	09:45	7.00	0.6	1.260	0.6	0.504	2.5981	1.00	2.5981	0.630	1.6366	3.4
10	09:46	7.50	0.6	1.220	0.6	0.488	2.8366	1.00	2.8366	0.610	1.7305	3.6
11	09:47	8.00	0.6	1.190	0.6	0.476	2.6004	1.00	2.6004	0.595	1.5472	3.3
12	09:48	8.50	0.6	1.100	0.6	0.440	2.7064	1.00	2.7064	0.550	1.4886	3.1
13	09:49	9.00	0.6	1.020	0.6	0.408	2.7510	1.00	2.7510	0.510	1.4030	3.0
14	09:51	9.50	0.6	1.090	0.6	0.436	2.6424	1.00	2.6424	0.545	1.4400	3.0
15	09:52	10.00	0.6	1.080	0.6	0.432	2.6978	1.00	2.6978	0.540	1.4569	3.1
16	09:53	10.50	0.6	1.030	0.6	0.412	2.8743	1.00	2.8743	0.515	1.4801	3.1
17	09:54	11.00	0.6	1.000	0.6	0.400	2.6558	1.00	2.6558	0.500	1.3279	2.8
18	09:55	11.50	0.6	0.980	0.6	0.392	2.6355	1.00	2.6355	0.490	1.2914	2.7
19	09:56	12.00	0.6	0.950	0.6	0.380	2.7470	1.00	2.7470	0.475	1.3050	2.7
20	09:57	12.50	0.6	0.960	0.6	0.384	2.6106	1.00	2.6106	0.480	1.2530	2.6
21	09:58	13.00	0.6	0.940	0.6	0.376	2.6562	1.00	2.6562	0.470	1.2483	2.6
22	09:59	13.50	0.6	0.940	0.6	0.376	2.5194	1.00	2.5194	0.470	1.1840	2.5
23	10:01	14.00	0.6	0.860	0.6	0.344	2.5787	1.00	2.5787	0.430	1.1087	2.3
24	10:02	14.50	0.6	0.900	0.6	0.360	2.5528	1.00	2.5528	0.450	1.1487	2.4
25	10:03	15.00	0.6	0.850	0.6	0.340	2.5656	1.00	2.5656	0.425	1.0905	2.3
26	10:04	15.50	0.6	0.900	0.6	0.360	2.4964	1.00	2.4964	0.450	1.1233	2.4
27	10:05	16.00	0.6	0.930	0.6	0.372	2.4685	1.00	2.4685	0.465	1.1480	2.4
28	10:06	16.50	0.6	0.970	0.6	0.388	2.3054	1.00	2.3054	0.485	1.1183	2.4
29	10:07	17.00	0.6	0.970	0.6	0.388	2.1650	1.00	2.1650	0.485	1.0502	2.2
30	10:08	17.50	0.6	1.010	0.6	0.404	2.0968	1.00	2.0968	0.505	1.0587	2.2
31	10:09	18.00	0.6	1.050	0.6	0.420	2.1726	1.00	2.1726	0.525	1.1405	2.4
32	10:10	18.50	0.6	1.100	0.6	0.440	1.9764	1.00	1.9764	0.550	1.0871	2.3
33	10:11	19.00	0.6	1.100	0.6	0.440	1.9531	1.00	1.9531	0.550	1.0743	2.3
34	10:13	19.50	0.6	1.150	0.6	0.460	1.8497	1.00	1.8497	0.575	1.0635	2.2
35	10:14	20.00	0.6	1.330	0.6	0.532	1.6709	1.00	1.6709	0.665	1.1112	2.3
36	10:15	20.50	0.6	1.380	0.6	0.552	0.6227	1.00	0.6227	0.828	0.5156	1.1
37	10:15	21.20	None	1.350	0.0	0.0	0.0000	0.75	0.4670	0.473	0.2207	0.5

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

Discharge Measurement Summary

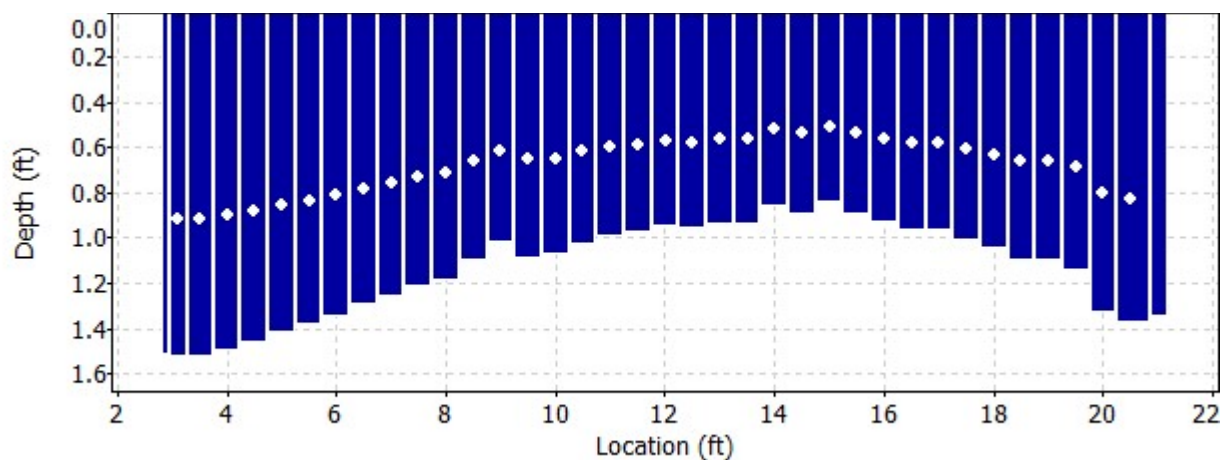
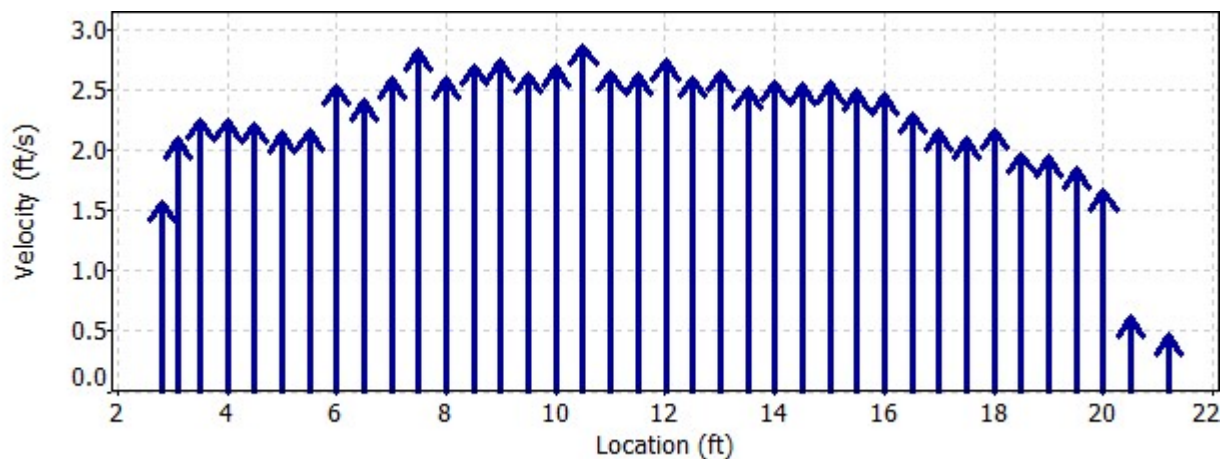
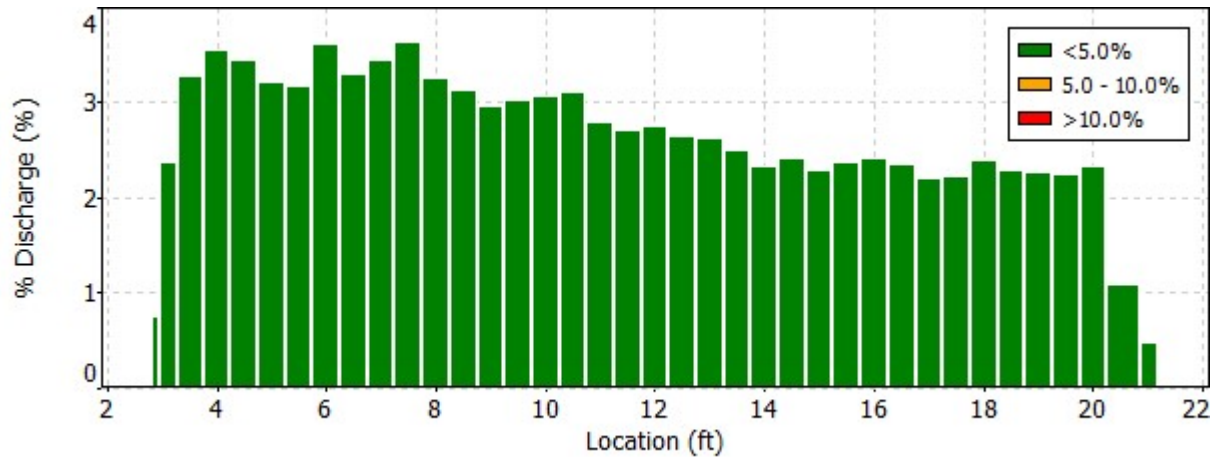
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Quality Control

St	Loc	%Dep	Message
22	13.50	0.6	High number of spikes: 5
36	20.50	0.6	High SNR variation during measurement: 7.7,6.5
		0.6	High standard error: 0.113

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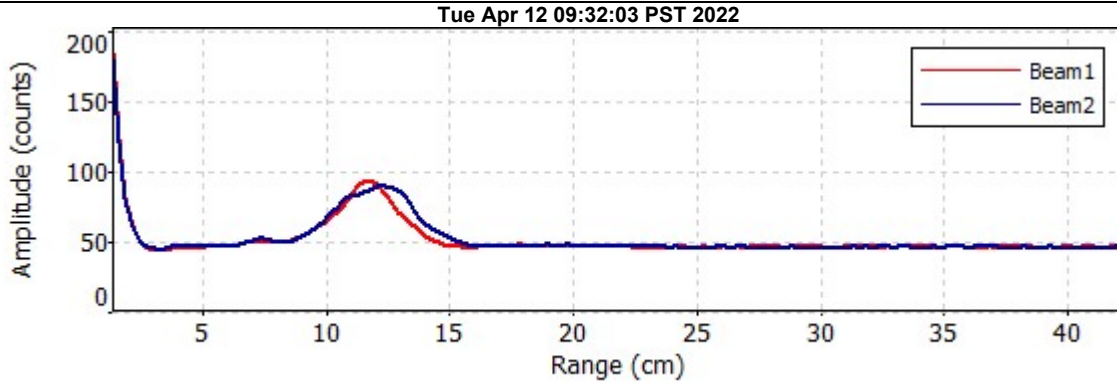
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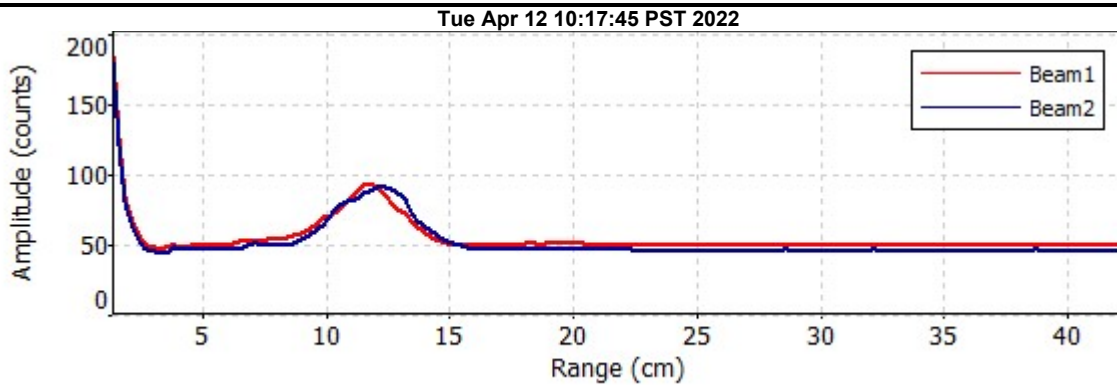
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Automatic Quality Control Test (BeamCheck)



- ✓ Noise level check - Pass
- ✓ SNR check - Pass
- ✓ Peak location check - Pass
- ✓ Peak shape check - Pass



- ✓ Noise level check - Pass
- ✓ SNR check - Pass
- ✓ Peak location check - Pass
- ✓ Peak shape check - Pass