

Discharge Measurement Summary

Date Generated: Thu Sep 26 2024

File Information

File Name 357001.038.WAD
Start Date and Time 2021/07/20 10:41:15

Site Details

Site Name EAST
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	0.3%	1.0%
Velocity	0.4%	2.2%
Width	0.1%	0.1%
Method	1.5%	-
# Stations	1.7%	-
Overall	2.5%	2.7%

Summary

Averaging Int. 40 # Stations 30
Start Edge REW Total Width 15.600
Mean SNR 21.2 dB Total Area 8.002
Mean Temp 63.28 °F Mean Depth 0.513
Disch. Equation Mid-Section Mean Velocity 1.8378
Total Discharge 14.7067

Measurement Results

St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q
0	10:41	0.80	None	0.800	0.0	0.0	0.0000	0.75	0.9899	0.240	0.2376	1.6
1	10:41	1.40	0.6	0.800	0.6	0.320	1.3199	1.00	1.3199	0.360	0.4752	3.2
2	10:42	1.70	0.6	0.950	0.6	0.380	1.8258	1.00	1.8258	0.285	0.5205	3.5
3	10:44	2.00	0.6	0.980	0.6	0.392	2.6440	1.00	2.6440	0.294	0.7770	5.3
4	10:45	2.30	0.6	1.030	0.6	0.412	2.5774	1.00	2.5774	0.309	0.7960	5.4
5	10:46	2.60	0.6	0.980	0.6	0.392	2.5505	1.00	2.5505	0.294	0.7495	5.1
6	10:48	2.90	0.6	0.990	0.6	0.396	2.4301	1.00	2.4301	0.297	0.7215	4.9
7	10:49	3.20	0.6	0.890	0.6	0.356	2.4078	1.00	2.4078	0.267	0.6427	4.4
8	10:50	3.50	0.6	0.840	0.6	0.336	2.2628	1.00	2.2628	0.252	0.5699	3.9
9	10:51	3.80	0.6	0.790	0.6	0.316	2.0010	1.00	2.0010	0.277	0.5539	3.8
10	10:52	4.20	0.6	0.700	0.6	0.280	1.9006	1.00	1.9006	0.281	0.5335	3.6
11	10:53	4.60	0.6	0.700	0.6	0.280	1.8343	1.00	1.8343	0.281	0.5149	3.5
12	10:54	5.00	0.6	0.680	0.6	0.272	1.5505	1.00	1.5505	0.306	0.4740	3.2
13	10:56	5.50	0.6	0.680	0.6	0.272	1.3934	1.00	1.3934	0.339	0.4720	3.2
14	10:57	6.00	0.6	0.530	0.6	0.212	1.1496	1.00	1.1496	0.264	0.3034	2.1
15	10:58	6.50	0.6	0.410	0.6	0.164	0.9482	1.00	0.9482	0.205	0.1948	1.3
16	10:59	7.00	0.6	0.360	0.6	0.144	1.0787	1.00	1.0787	0.271	0.2919	2.0
17	11:01	8.00	0.6	0.300	0.6	0.120	0.8018	1.00	0.8018	0.300	0.2404	1.6
18	11:02	9.00	0.6	0.250	0.6	0.100	1.0259	1.00	1.0259	0.250	0.2565	1.7
19	11:03	10.00	0.6	0.250	0.6	0.100	1.1663	1.00	1.1663	0.250	0.2916	2.0
20	11:04	11.00	0.6	0.300	0.6	0.120	1.6490	1.00	1.6490	0.300	0.4945	3.4
21	11:05	12.00	0.6	0.280	0.6	0.112	2.0226	1.00	2.0226	0.280	0.5660	3.8
22	11:07	13.00	0.6	0.330	0.6	0.132	1.3304	1.00	1.3304	0.248	0.3293	2.2
23	11:08	13.50	0.6	0.320	0.6	0.128	2.3937	1.00	2.3937	0.160	0.3829	2.6
24	11:09	14.00	0.6	0.410	0.6	0.164	2.5702	1.00	2.5702	0.205	0.5270	3.6
25	11:10	14.50	0.6	0.520	0.6	0.208	2.4455	1.00	2.4455	0.260	0.6359	4.3
26	11:11	15.00	0.6	0.520	0.6	0.208	2.7044	1.00	2.7044	0.260	0.7032	4.8
27	11:12	15.50	0.6	0.600	0.6	0.240	2.6171	1.00	2.6171	0.300	0.7852	5.3
28	11:13	16.00	0.6	0.600	0.6	0.240	1.9304	1.00	1.9304	0.270	0.5212	3.5
29	11:13	16.40	None	0.500	0.0	0.0	0.0000	0.75	1.4478	0.100	0.1448	1.0

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

Discharge Measurement Summary

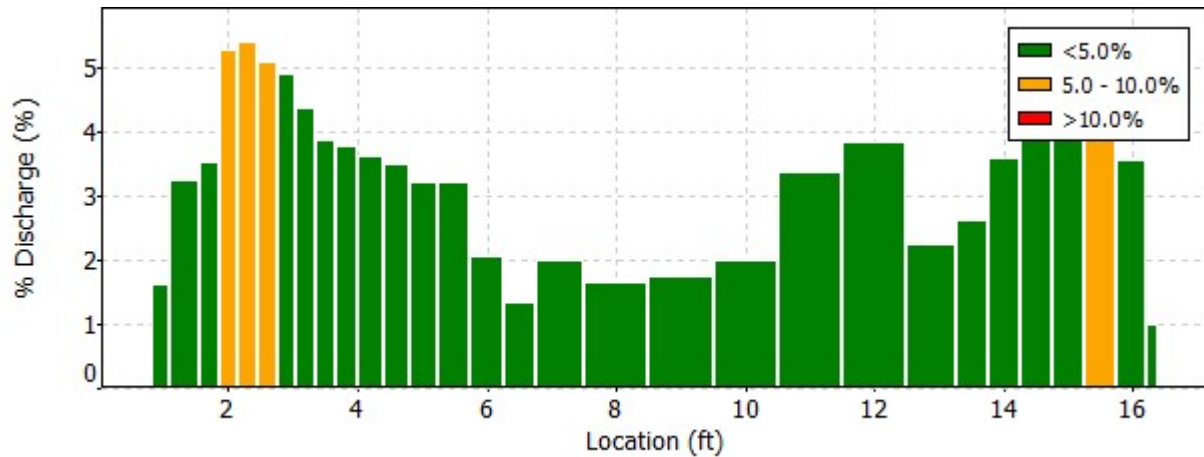
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Quality Control

St	Loc	%Dep	Message
9	3.80	0.6	High angle: 23
11	4.60	0.6	High angle: 21
12	5.00	0.6	High number of spikes: 6
13	5.50	0.6	High angle: 25
14	6.00	0.6	High angle: 25
15	6.50	0.6	High angle: 27
16	7.00	0.6	High angle: 21

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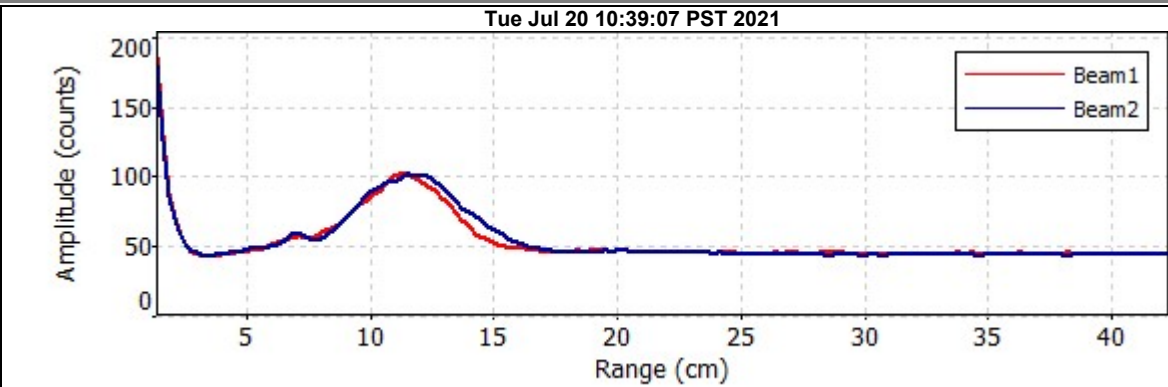
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Automatic Quality Control Test (BeamCheck)



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