

Progress Update

Weir Flow and Data for the Pressure Sensor Approach

Patrick Stiehr

Watermark Engineering

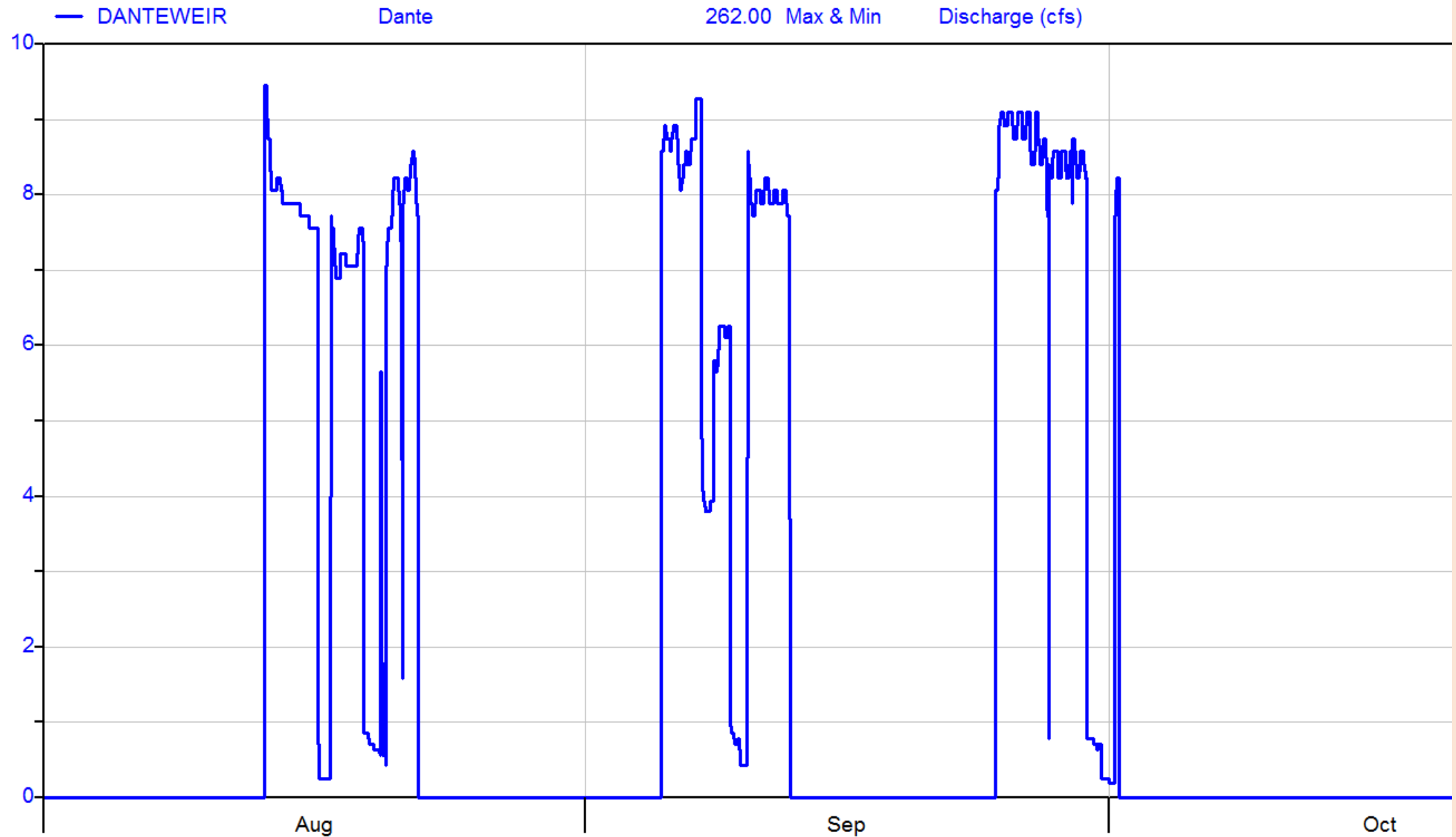
Delta Measurement Experimentation Consortium

October 24, 2018



Watermark Engineering

Period 3 Month Plot Start 00:00_08/01/2018
Interval 15 Minute Plot End 00:00_11/01/2018



Summary Report

Site: DANTEWEIR Dante weir at Jones Tract
 USGS #:
 Beginning Date: 10/01/2017
 Ending Date: 09/30/2018

Daily Mean Discharge in Cubic feet/second Water Year Oct 2017 to Sep 2018

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1										0	0	0
2										0	0	0
3										0	0	0
4										0	0	0
5										0	0	5.6
6										0	0	8.5
7										0	0	7.2
8										0	0	5.3
9										0	0	2.5
10										0	0	5.8
11										0	0	8.0
12										0	0	5.6
13										0	3.1	0
14										0	8.0	0
15									0	0	7.8	0
16									5.4	0	5.4	0
17									6.1	0	4.2	0
18									7.0	0	7.1	0
19									6.0	0	2.8	0
20									5.5	0	3.7	0
21									4.3	0	7.9	0
22									3.4	0	3.4	0
23									4.9	0	0	0
24									.18	0	0	4.6
25									5.2	0	0	9.0
26									5.5	0	0	8.8
27									0	.50	0	8.3
28									0	0	0	8.4
29									0	0	0	6.4
30									0	0	0	.50
31		-----			-----		-----		0	0	0	-----
Total									53.48	0.50	53.4	94.50
Mean									3.34	.016	1.72	3.15
Max									7.0	.50	8.0	9.0
Min									0	0	0	0
Acre-Ft									106	.99	106	187
Wtr Year 2018	Total	201.88	Mean	1.87	Max	9.0	Min	0	Inst Max	11	Acre-Ft	400
Cal Year 2017	Total		Mean		Max		Min		Inst Max		Acre-Ft	

Summary Report

Site: DANTEWEIR Dante weir at Jones Tract
 USGS #:
 Beginning Date: 10/01/2018
 Ending Date: 09/30/2019

Daily Mean Discharge in Cubic feet/second Water Year Oct 2018 to Sep 2019

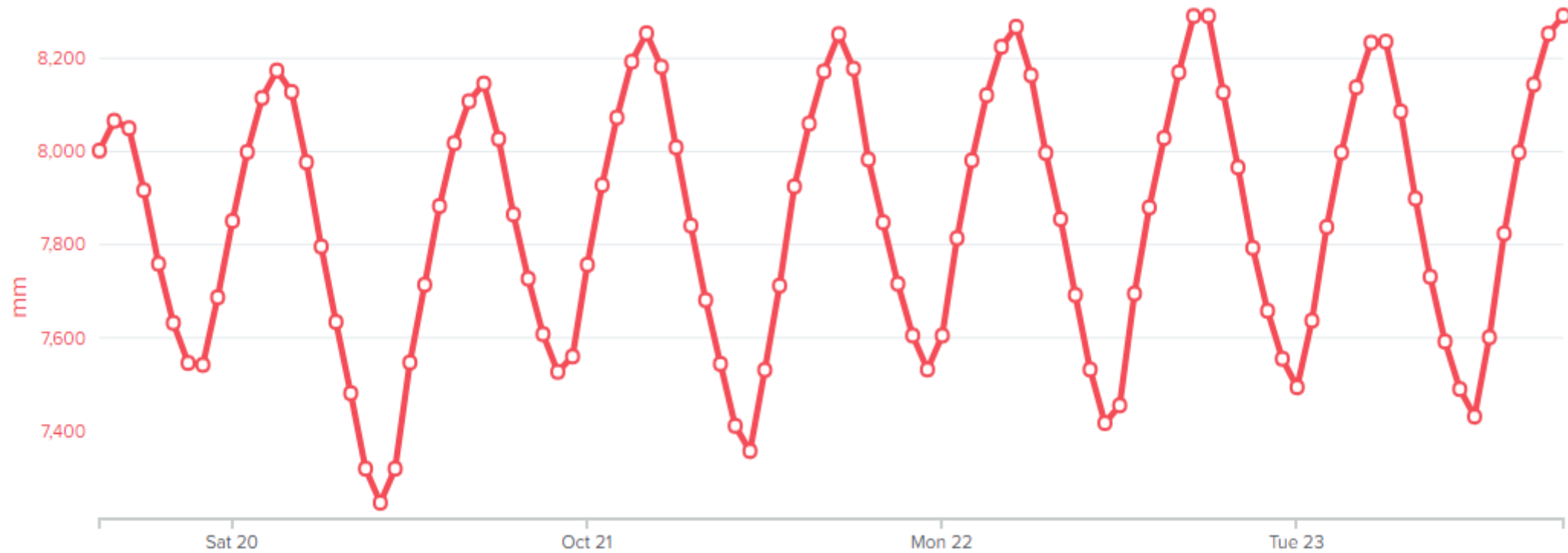
Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	2.2												
2	0												
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
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28													
29					-----								
30					-----								
31		-----			-----		-----		-----			-----	
Total	2.2												
Mean	1.10												
Max	2.2												
Min	0												
Acre-Ft	4.4												
Wtr Year 2019	Total	2.2	Mean	1.10	Max	2.2	Min	0	Inst	Max	8.2	Acre-Ft	4.4
Cal Year 2018	Total	204.08	Mean	1.43	Max	9.0	Min	0	Inst	Max	11	Acre-Ft	405

Preliminary data Not for publication

Water Elevation Mean

STREAM ID: distance-mean

CURRENT 8292 mm MIN 7246 mm MAX 8292 mm AVG 7852....



Show results from last: 100 values Auto-refresh (5 seconds) ☐ ON ☒ OFF

Embed this chart



Search Groups/Stations



Ungrouped Stations ^

92780-Dante Weir

92781-Dante Mace

DWR-Bouldin-92775

TNC-92778



+ Add GOES Station

+ Add Station Group

92780-Dante Weir ⓘ

All Stations > 92780-Dante Weir

✓ Station is Active

Edit Station

Data

Map

Latest Update: Oct 23, 2018 6:00:00 PM

Data Point:

Units:

From Date:

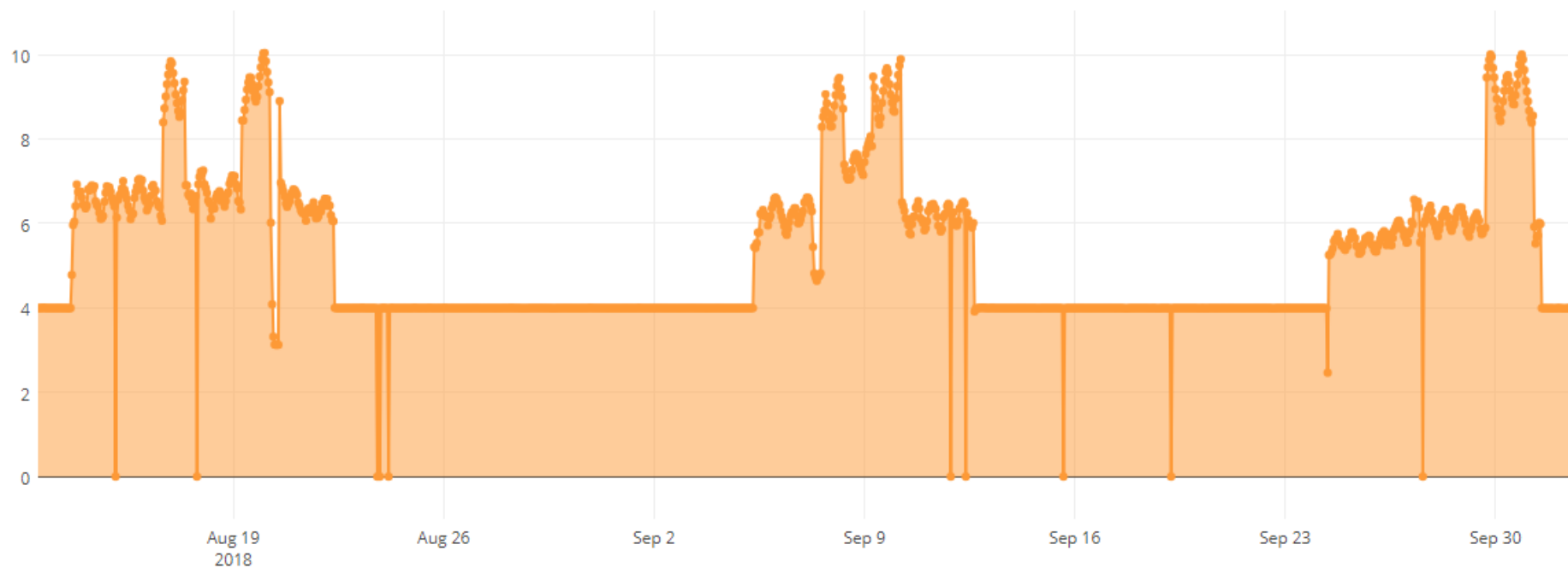
To Date:

Stage 1 ▾

V ▾

Aug 12 2018 12:21 -0700

Oct 2 2018 18:21 -0700





Search Groups/Stations



Ungrouped Stations ^

92780-Dante Weir
 92781-Dante Mace
 DWR-Bouldin-92775
 TNC-92778



DWR-Bouldin-92775 ⓘ

[All Stations](#) > DWR-Bouldin-92775

✓ Station is Active

Edit Station



Data

Map

Latest Update: Oct 23, 2018 6:45:00 PM

Data Point:

Units:

From Date:

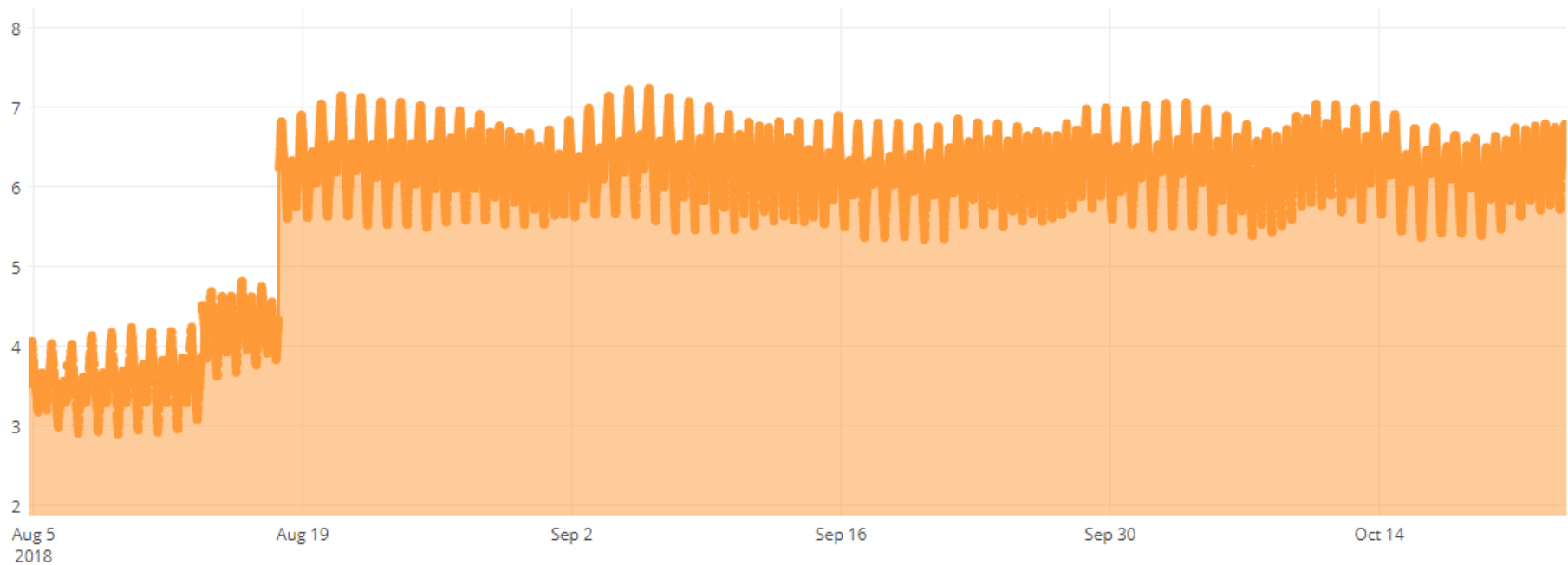
To Date:

Stage 1 (HG) ▼

V ▼

 Apr 1 2018 12:55 -0700

 Oct 23 2018 18:55 -0700



+ Add GOES Station

+ Add Station Group