

15th January 2016 flow event

Mooring	Duration (min)	Flow thickness (m)	Max speed (m/s) ¹	Start time (uncorrected)	Adjusted start time	Clock drift (s)	Start ensemble	End ensemble	Dist. Between mooring (m) ²	Elapsed time between flow fronts (min)	Elapsed time between flow fronts (s)	Calculated speed of flow between moorings (m/s)	Canyon width (m) ²
MS1	7	65	12.1	21:41:29	21:43:10	-84.67	305040	305054					184.905
MS2	287	45	5.3	22:08:59	22:08:58	1.16	305059	305633	9100.979	00:25:48	1548	5.88	155.01
MS3	452.5	50	8.38	22:30:30	22:32:27	-117.00	305102	306007	10229.512	00:23:29	1409	7.26	361.33
MS4	462	65	3.44	23:07:59			290776	291700	14044.860	00:35:26 ⁵	2126 ⁵	6.61 ⁵	614
MS5	373	65	4.45	23:20:30			251922	252668	2769.313	00:12:29	749 ⁵	3.70 ⁵	684.56
BIN-300	828	60	3.34	00:01:08	00:01:02	6.16	821691	823347	8994.454	00:40:32	2432	3.70	1169.06
BIN-600	831.5	40	3.13	00:01:33	00:00:58	35.42	821686	823349					1169.06
BIN-1200	870	15	7.12	00:00:57	00:01:03	6.67	820983	822723					1169.06
MS7	424	65	2.75	00:02:29	00:03:07	-68.06	227526	228374	305.425	00:02:05	125	2.44	1541.5

Small flow events between October 2015 – April 2016

Date ³	Mooring	Duration (min)	Flow thickness (m)	Max speed (m/s) ¹	Start time (uncorrected)	Adjusted start time	Clock drift (s)	Start ensemble	End ensemble
12/1/2015	MS1	33	10	6.88	15:32:00	15:33:41	-84.67	174673	174739
12/11/2015	MS1	36.5	40	2.44	14:16:00	14:17:41	-84.67	203312	203385
01/06/2016	MS1	108	40	3.48	23:56:00	23:57:41	-84.67	279352	279568

1st September 2016 flow event

Mooring	Duration (min)	Flow thickness (m)	Max speed (m/s) ¹	Start time (uncorrected)	Adjusted start time ⁴	Clock drift (s) ⁴	Start ensemble	End ensemble	Dist. Between mooring (m) ^{2,6}	Elapsed time between flow fronts (min) ^{4,6}	Elapsed time between flow fronts (s) ^{4,6}	Calculated speed of flow between moorings (m/s) ^{4,6}	Canyon width (m) ²
MS1	127.5	65	6.5	01:27:59			439377	439632					184.905
MS2	395.5	20	2.567	02:09:29			424220	425011	9100.979	00:41:30	2490	3.66	155.01
MS3	335.5	40	3.7	02:43:30			424288	424959	10229.512	00:34:01	2041	5.01	361.33
MS5	317.5	65	4.307	03:44:00			421167	421802	16814.174	01:00:30	3630	4.63	684.56
BIN-600	485	40	1.244	04:29:46		0.46	926280	927250	8994.454	00:45:46	2746	3.28	1169.06
BIN-1200	457	15	1.814	04:28:22		0.67	926152	927066					1169.06
MS7	286	30	0.951	04:30:59			383582	384154	305.425	00:02:57	157	1.95	1541.5

Table footnotes

- 1 Taken from maximum velocity (vmagValid).
- 2 Distance taken from Eve's calculations.
- 3 MM/DD/YY
- 4 Clock drift not yet known (in progress at MBARI); Times are not yet adjusted.
- 5 MS4 time has not been adusted
- 6 Distances used are the same for October 2015 deployment. Updated mooring positions will change slightly.

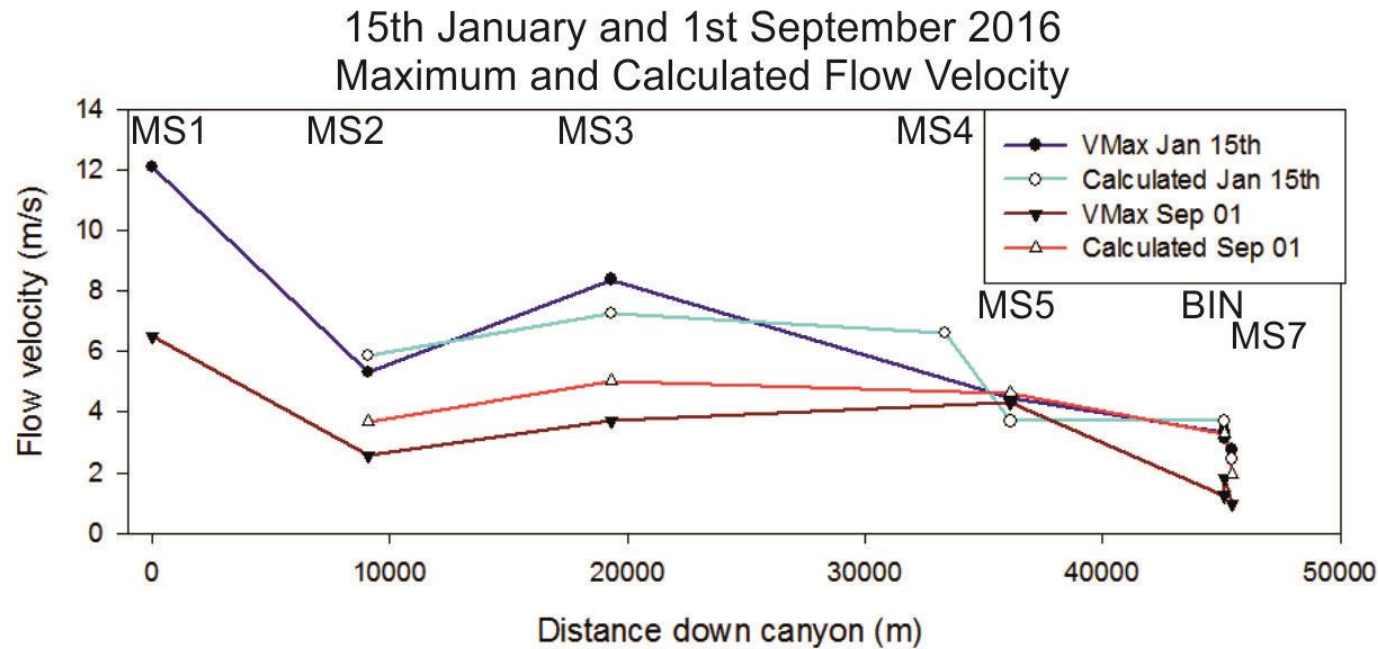


Figure 1. Maximum (Vmax) and Calculated (distance between moorings / elapsed arrival time of flow between moorings) for the January 15th 2016 and September 1st 2016 flow events. Note September 01st times and distances are uncorrected so may change slightly.