

Ambient data

Skagway*						
Date	Depth	Salinity ppt	Temp		Current cm/s	Current Knots
12-Jul	0		2.3	9.2		
	1.5		6	10		
	2		9		5-10	0.1-0.2
	7.5		10.5			
	8		22	8		
	12		29	5.5		

*From Kenwyn

Juneau

Date	Depth (m)	Conductivity (µS/cm)	Temp. (°C)	Salinity (ppt)	Density (kg/m ³)	pH (S.U.)	Tide	Location
7/2/2013	0	19140	10.9	16		8.12	High	Near AS Dock
	1	19140	11	16		8.16	High	Near AS Dock
	2	19210	10.9	16		8.17	High	Near AS Dock
	3	19260	10.9	16		8.14	High	Near AS Dock
	4	19560	10.9	16		8.15	High	Near AS Dock
	5	19830	11	17		8.11	High	Near AS Dock
	6	21100	10.8	18		8.09	High	Near AS Dock
	7	22000	10.8	19		8.06	High	Near AS Dock
	8	23000	10.6	20		8.08	High	Near AS Dock
	9	23700	10.5	20		8.06	High	Near AS Dock
10	22700	10.7	19		8.08	High	Near AS Dock	
7/2/2013	0	19920	11.1	17		8.11	Low	IVF Dock
	1	19990	11.1	17		8.13	Low	IVF Dock
	2	19990	11.1	17		8.16	Low	IVF Dock
	3	20650	11	17		8.1	Low	IVF Dock
	4	22000	10.9	19		8.05	Low	IVF Dock
	5	23300	10.7	20		8.07	Low	IVF Dock
	6	25600	10.5	22		8.04	Low	IVF Dock
	7	25200	10	22		8.05	Low	IVF Dock
	8	31200	9.3	29		7.98	Low	IVF Dock
	9	28000	9.7	25		8.01	Low	IVF Dock
10	29300	10.3	26		7.99	Low	IVF Dock	
7/3/2013	0	21390	10.5	18		7.91	High	IVF Dock
	1	22000	10.4	19		7.93	High	IVF Dock
	2	22700	10.3	20		7.97	High	IVF Dock
	3	25400	10.1	22		8.02	High	IVF Dock
	4	26600	10	24		8.01	High	IVF Dock
	5	26900	10.1	24		7.95	High	IVF Dock
	6	28500	9.6	26		7.95	High	IVF Dock
	7	30900	9.2	28		7.93	High	IVF Dock
	8	31500	9.3	29		7.96	High	IVF Dock
	9	31600	9.3	29		7.95	High	IVF Dock
10	30700	9.9	28		7.87	High	IVF Dock	
7/3/2013	0	17890	10.1	15		8.02	Low	Near AS Dock
	1	18830	10.4	16		8.02	Low	Near AS Dock
	2	20950	10.5	18		7.95	Low	Near AS Dock
	3	21320	10.6	18		7.83	Low	Near AS Dock
	4	23000	10.3	20		7.91	Low	Near AS Dock
	5	24500	10.2	21		7.94	Low	Near AS Dock
	6	25700	10.2	23		7.95	Low	Near AS Dock
	7	28700	10.1	26		7.94	Low	Near AS Dock
	8	28600	9.5	26		7.96	Low	Near AS Dock
	9	N/A	N/A	N/A	N/A	N/A	N/A	Low
10	N/A	N/A	N/A	N/A	N/A	N/A	Low	Near AS Dock