

Station ID	Date	Time (start)	Sample Depth (S,M,B)	Depth Actual (m)	Temp ° C CTD 1	Temp ° C CTD 2	Salinity PSU CTD 1	Salinity PSU CTD 2	Sample #	Chlorophyll (volume/ml.)	TSS (volume/ml.)	pH (1-14)	pH-Temp (Celsius)	Secchi Depth (meters)	Dissolved Oxygen (ppm)	O2 CTD2 mg/L	O2 CTD1 mL/L	O2 CTD1 mg/L	O2 corr'd mg/L
AK04-0006	7/20/2004	20:00	S	1.0 est	14.0	14.4	28.703	29.131	6	300	1000	meter not calibrated		4.00		7.63			
			M	29.4 est	10.7	10.7	29.732	30.332	5	400	1000	meter not calibrated			7.73				
			B	56.8 est	7.3	7.4	30.921	31.572	4	1000	1000	meter not calibrated			5.47				
AK04-0010	7/20/2004	9:40	S	0.6	16.9	17.0	27.945	28.336	3	600	1000	meter not calibrated		9.00		6.95			
			M	61.9	5.8	5.8	30.850	61.813	2	1000	1000	meter not calibrated		5	4.02	5	4.1	5.858974	
			B	123.7	5.5	5.5	32.037	32.734	1	400	1000	meter not calibrated			2.44			0	
Warm Springs Cruise Ship Site	7/21/2004	8:00	S	0.9 est	11.1	11.2	29.205	29.790	9	400	1000	meter not calibrated		5.00		8.01			0
			M	41 est	7.3	7.3	30.782	31.494	8	500	1000	meter not calibrated		6.4	5.7078	6.4	5.5	7.859599	
			B	81.9 est	6.7	6.7	31.096	31.815	7	500	1000	meter not calibrated			5.01			0	
AK04-0040	7/22/2004	16:30	S	3.7	10.3	10.3	30.748	31.395	14	800	1000	meter not calibrated		6.00		6.18			0
			M	50.2	8.6	8.6	31.366	32.061	13	900	1000	meter not calibrated			5.21			0	
			no Bottom Sample																
AK04-0005	7/22/2004	8:15	S	3.1	10.3	10.3	30.009	30.643	12	700	1000	meter not calibrated		9.50		7.66			0
			M	247.4	5.4	5.3	32.815	33.672	11	800	1000	meter not calibrated			2.32			0	
			B	485.9	5.0	5.0	33.077	33.876	10	800	1000	meter not calibrated			1.67			0	
AK04-0001	7/23/2004	12:45	S	2.2	10.5	10.5	30.285	30.924	20	400	1000	meter not calibrated		5.00		6.8			0
			M	89.6	7.4	7.4	31.934	32.632	19	800	1000	meter not calibrated			5.05			0	
			B	190.7	6.1	6.1	32.737	33.505	18	900	1000	meter not calibrated			3.33			0	
AK04-0034	7/23/2004	8:30	S	3.4	9.8	9.8	30.001	30.741	17	300	1000	meter not calibrated		6.50		6.15			0
			M	173.9	6.7	6.7	32.339	33.076	16	800	1000	meter not calibrated		4	3.581	4	4.5	6.430581	
			B	330.9	6.5	6.5	32.462	33.205	15	800	1000	meter not calibrated			3.44			0	
AK04-0024	7/23/2004	17:20	S	1 est	15.4	15.4	30.792	31.414	21	600	1000	meter not calibrated		6.50		6.98			0
			M	53 est	7.9	7.9	31.532	32.213	22	800	1000	meter not calibrated			6.13			0	
			B	102 est	6.7	6.7	32.210	32.929	23	900	1000	meter not calibrated			4.97			0	
AK04-0201	7/24/2004	6:50	S	2.1	15.7	15.7	30.729	31.353	24	600	1000	meter not calibrated		6.50		7.47			0
			M	45.2	8.4	8.3	31.414	32.133	25	600	1000	meter not calibrated			6.05			0	
			B	82.1	7.8	7.8	31.678	32.404	26	600	1000	meter not calibrated			5.64			0	
AK04-0009	7/24/2004	14:26	S	2.4	16.3	16.3	30.034	30.651	29	300	1000	meter not calibrated		5.00		8			0
			M	31.9	10.1	10.1	30.664	31.346	28	600	1000	meter not calibrated			6.13			0	
			B	61.9	7.1	7.2	31.475	32.143	27	500	1000	meter not calibrated			3.97			0	
AK04-0099	7/25/2004	8:00	S	2.6	16.6	14.7	29.926	13.816	32	500	1000	meter not calibrated		4.50		7.6			0
			M	144.4	6.2	6.2	32.454	33.226	31	800	1000	meter not calibrated			3.07			0	
			B	281.8	6.1	6.1	32.627	33.407	30	800	1000	meter not calibrated			2.77			0	
AK04-0022	7/26/2004	8:40	S	2.5	16.8	17.1	26.202	26.055	35	600	1000	meter not calibrated		6.50		7.09			0
			M	203.6	5.8	5.8	32.863	33.648	34	900	1000	meter not calibrated			2.39			0	
			B	404.4	5.5	5.5	32.992	33.785	33	900	1000	meter not calibrated			2.17			0	
Ketchikan #2 Cruise Ship Site	7/27/2004	16:30	S	1 est	17.3		24.860		36	500	1000	meter not calibrated		4.50		8.74			0
			M	15 est	9.9		29.770		37	500	1000	meter not calibrated						0	
			B	30 est	9.5		29.957		38	600	960	meter not calibrated						0	
Ketchikan #1 Cruise Ship Site	7/27/2004	17:30	S	2.3	15.1		26.618		39	500	1000	meter not calibrated		4.00					0
			M	10.1	10.9		29.235		40	600	1000	meter not calibrated						0	
			B	15.1	10.4		29.458		41	600	1000	meter not calibrated						0	
AK04-0002	7/28/2004	8:45	S	0.7 est	16.5	16.5	27.277	27.823	42	500	1000	8.26		7.50		7.09			0

Station ID	Date	Time	Sample Depth	Depth Actual	Temp ° C	Temp ° C	Salinity PSU	Salinity PSU	Sample #	Chlorophyll	TSS	pH	pH-Temp	Secchi Depth	Dissolved Oxygen	O2 CTD2		O2 CTD1	O2 CTD1	O2 corr'd
		(start)	(S,M,B)	(m)	CTD 1	CTD 2	CTD 1	CTD 2		(volume/ml.)	(volume/ml.)	(1-14)	(Celsius)	(meters)	(ppm)	mg/L		mL/L	mg/L	mg/L
			M	25 est	9.3	9.3	30.000	30.618	43	600	940	7.79				5.88			0	0
			B	50 est	7.5	7.6	30.802	31.399	44	600	1000	7.76				4.98			0	0
AK04-0014	7/28/2004	12:45	S	2.1	16.8	16.6	26.274	27.020	45	500	980	8.27		6.00		6.12			0	0
			M	198.2	5.8	5.9	32.849	33.637	46	800	990	7.71				2.41			0	0
			B	406.3	5.6	5.6	32.970	33.756	47	800	990	7.71				2.2			0	0
AK04-0016	7/29/2004	2045	S	2.3	15.9	15.8	22.168	22.477	51	600	1000	8.24		6.50		7.74			0	0
			M	148.8	6.3	6.4	32.373	33.103	52	800	940	7.71				3.28			0	0
			B	293.1	6.2	6.2	32.515	33.249	53	800	1000	7.67				2.98			0	0
AK04-062	7/29/2004	1555	S	2.2	15.2	14.9	8.824	12.518	48	300	1000	8.22		0.50		8.66			0	0
			M	168.9	6.4	6.4	32.301	33.070	49	900	1000	7.70				3.31			0	0
			B	322.1	6.3	6.3	32.382	33.152	50	900	1000	7.70				3.18			0	0
AK04-015	7/30/2004	900	S	2.4	16.8	16.8	24.826	25.245	54	500	1000	8.24		5.00		7.29			0	0
			M	45.0	7.4	7.4	31.235	31.900	55	800	960	7.81				4.4			0	0
			B	89.1	6.5	6.5	32.175	32.897	56	800	1000	7.73				3.37			0	0
AK04-139	7/30/2004	1230	S	2.2	14.6	15.1	25.392	24.860	57	600	990	8.10		5.00		6.01			0	0
			M	129.2	6.7	6.7	31.950	32.683	58	900	1000	7.75				3.65			0	0
			B	248.9	6.5	6.5	32.180	32.921	59	900	1000	7.75				3.41			0	0
No Data	7/31/2004																			0
AK04-030	8/1/2004	1025	S	2.2	17.1	17.1	18.403	18.500	60	600	1000	8.33		7.50	10.2 ppm-surface	8.42	10.2	6.4	9.145715	15
			M	193.7	6.1	6.1	32.509	33.287	61	800	1000	7.72				2.55			0	0
			B	382.0	6.1	6.1	32.590	33.370	62	600	850	7.68				2.51			0	0
AK04-013	8/1/2004	1510	S	2.4	16.8	16.9	26.473	26.941	63	700	1000	8.30		6.00		7.25			0	O2 CTD2
			M	210.5	5.9	5.9	32.868	33.640	64	900	1000	7.73				2.48			0	0
			B	403.8	5.7	5.7	32.946	33.724	65	900	1000	7.72			4.8ppm-bottom	2.23	4.8	3.7	5.287367	2.23
Wrangell Cruise Ship	8/2/2004	805	S	1 est	12.0	12.0	17.772	18.381	66	500	1000	7.93		2.00		8.2			0	0
			M	7 est	8.6	8.4	29.676	30.076	67	600	1000	7.91				4.64			0	0
			B	15.2 est	8.2	7.9	29.802	30.982	68	600	1000	8.14				4.16			0	0
AK04-020	8/2/2004	1806	S	1.0	8.6	8.8	30.581	30.865	69	700	1000	7.87		6.50		8.04			0	0
			M	164.0	7.6	7.6	31.478	32.183	70	700	1000	7.82			7.2ppm-mid	4.3	7.2	4.8	6.859286	4.3
			B	334.6	7.3	7.3	31.791	32.478	71	400	1000	7.80				4.08			0	0
AK04-025	8/3/2004	610	S	1.3	10.1	10.5	31.141	31.162	72	500	1000	8.09		3.50		7.77			0	0
			M	35.0	8.5	8.5	31.201	31.851	73	500	1000	7.95				5.52			0	0
			B	68.8	7.4	7.4	31.771	32.455	74	500	1000	7.81			5.2ppm-bottom	4.33	5.2	4.8	6.859286	4.3
AK04-143	8/3/2004	1325	S	1 est		12.4		28.230	75	500	1000	7.94		1.50		4.12			0	0
			B	4.8 est		11.2		28.952	76	500	1000	7.91			7.4ppm-bottom	4.53			0	4.5
AK04-157	8/4/2004	710	S	1.4	7.3	7.2	23.991	24.514	77	300	1000	8.15	9.0	0.90		7.86			0	0
			M	41.1	7.4	7.5	29.550	30.168	78	600	1000	7.99	9.4			6.12			0	0
			B	78.6	5.8	5.8	30.110	30.767	79	600	950	7.81	9.0		7.0ppm-bottom	5.9	7	6	8.574108	0
AK04-35	8/4/2004	1450	S	1.0	12.9	13.5	18.941	19.065	80	260	1000	8.52	15.0	6.25		8.99			0	0
			M	139.1	5.6	5.6	32.041	32.761	81	600	1000	7.67	10.0			2.79			0	0
			B	270.8	5.4	5.4	32.684	33.436	82	500	1000	7.70	10.9			2.25			0	0
AK04-28	8/5/2004	820	S	1 est		13.8		22.690	83	300	1000	8.49	17.8	5.00		8.74			0	0
			D	6.6 est		14.1		24.230	84	300	1000	8.46	17.5			8.47			0	0

Station ID	Date	Time (start)	Sample Depth (S,M,B)	Depth Actual (m)	Temp ° C CTD 1	Temp ° C CTD 2	Salinity PSU CTD 1	Salinity PSU CTD 2	Sample #	Chlorophyll (volume/ml.)	TSS (volume/ml.)	pH (1-14)	pH-Temp (Celsius)	Secchi Depth (meters)	Dissolved Oxygen (ppm)	O2 CTD2 mg/L	O2 CTD1 mL/L	O2 CTD1 mg/L	O2 corr'd mg/L		
AK04-27	8/5/2004	1810	S	1.0	12.8	12.8	20.052	20.412	85	300	1000	8.41	13.2	4.50		8.13			0		
			M	159.1	5.6	5.6	32.138	32.842	86	600	1000	7.64	9.6			3.04			0		
			D	312.2	5.5	5.6	32.358	33.076	87	500	1000	7.58	10.0		3.2ppm-bottom	2.6	3.2	3.9	5.57317	0	
Gambier Bay	8/6/2004	730	S	1.0	13.2	13.2	23.531	23.845	88	500	1000	8.41	14.7	5.50		7.8				0	
			M	17.0	10.0	10.0	28.038	28.557	89	500	1000	8.06	13.8			8.37				0	
			D	32.6	7.4	7.4	29.710	30.300	90	400	1000	7.64	13.5		5.3ppm-bottom	4.5	5.3	4.9	7.002188	0	
Tracy Arm	8/6/2004	1330	S	0.8	6.8	6.9	25.897	26.519	91	150	1000	8.20	9.3	4.00		8.76				0	
			M	39.9	6.1	6.2	30.072	30.708	92	300	1000	7.76	8.6			4.99				0	
			D	68.2	6.0	6.0	30.375	31.031	93	400	1000	7.73	8.4			4.6				0	
AK04-37	8/6/2004	1600	S	0.8	5.9	6.3	25.460	26.386	94	400	1000	7.86	9.1	4.00		8.84				0	
			M	124.3	5.7	5.7	30.120	30.743	95	500	1000	7.71	8.5			5.05				0	
			D	243.8	5.4	5.4	30.470	31.137	96	400	1000	7.68	8.3			5.05				0	
AK04-33	8/7/2004	1137	S	1.0	5.2	5.6	26.703	25.981	97	97	1000	7.80	8.4	2.00		9.05				0	
			M	166.1	5.5	5.5	30.879	31.532	98	98	1000	7.67	7.6			4.63				0	
			D	322.9	5.6	5.6	30.911	31.564	99	99	1000	7.62	8.4		5.2 ppm-bottom	4.3	5.2	5.1	7.287992	0	
AK04-29	8/8/2004	700	S	0.8	10.3	10.3	6.922	7.650	101	250	1000	7.97	11.5	0.50		9.04				0	
			M	81.7	5.6	5.6	31.756	32.439	102	500	1000	7.51	8.7			2.66				0	
			D	156.3	5.6	5.6	32.152	32.840	103	600	1000	7.56	9.0		3.2 ppm-bottom	2.7	3.2	4	5.716072	0	
AK04-23	8/8/2004	1138	S	1.0	10.4	10.4	11.040	11.054	103	200	1000	8.32	12.4	1.00		8.91				0	
			M	101.8	5.7	5.7	31.929	32.641	104	500	1000	7.55	9.4			2.25				0	
			D	200.0	5.6	5.6	32.231	32.934	105	350	1000	7.61	10.1		3.2 ppm-bottom	2.7	3.2	4	5.716072	0	
CS-JUNEAU	8/10/2004		S	1.0	14.2	14.4	13.132	13.524	106	400	1000	8.35	17.7	2.00		8.2				0	
			M	15.0	8.7	8.8	29.061	29.603	107	400	1000	7.91	15.9		6.0 ppm-bottom	6.45				0	
			D	27.9	7.6	7.7	29.853	30.439	108	500	1000	7.83	15.6		6.8 ppm-bottom	5.8	6.4	5.7	8.145403	0	
CS-AUKE BAY	8/10/2004	2030	S	1.0	16.4	16.8	16.924	16.393	109	500	1000	8.27	18.7	4.75		7.55				0	
			M	17.2	8.9	8.9	29.294	29.920	110	500	1000	7.96	15.7			6.92				0	
			D	40.8	6.3	6.3	30.401	31.037	111	500	1000	7.77	14.0		DOC failed	5.24				0	
AK04-04	8/11/2004	845	S	1.0	14.1	13.6	11.040	14.868	112	300	1000	8.34	15.5	1.25	4.0 ppm-bottom	8.05				0	
			M	40.4	6.7	6.8	30.465	31.088	113	300	1000	7.74	12.0		4.1 ppm-bottom	5.62				0	
			D	79.3	5.6	5.6	30.977	31.633	114	300	1000	7.57	11.5			3.8	4.05	4.8	6.859286	4.7	
AK04-11	8/11/2004	1313	S	1.1	15.6	15.6	13.958	14.164	115	500	1000	8.32	17.2	6.50		7.38				0	
			M	147.4	5.3		32.345		116	500	1000	7.60	14.3								0
			D	284.8	5.2		33.039		117	500	1000	7.58	15.0		2.0 ppm-bottom		2	3.4	4.858661	2.0	
CS-Skagway	8/12/2004	952	S	1.2	11.8	11.9	9.525	9.672	118	300	1000	8.02	14.7	1.25						0	
			M						no mid												10.0
			D	6.6 est	9.9		17.855		120	300	1000	8.05	13.2		10.0 ppm-bottom		9.9	8.2	11.71795	8.3	
CS-Haines	8/12/2004	1222	S	1.3	12.0	12.5	10.674	6.480	121	300	1000	8.24	14.6	0.75						0	
			M	32.4	5.6		29.987		122	400	1000	7.70	11.7		6.0 ppm-bottom						0
			D	64.8	4.6		30.841		123	400	1000	7.57	11.2		5.8 ppm-bottom		5.9	5.6	8.002501	6.5	
AK04-36	8/13/2004	845	S	1.2	15.2	15.2	17.153	17.257	124	500	1000	8.25	13.8	8.50						0	
			M	198.5	5.3		32.806		125	500	1000	7.54	7.9		2.1 ppm-bottom						0
			D	460.9	5.2		33.102		126	500	1000	7.53	8.3		2.0 ppm-bottom		2.05	3.4	4.858661	2.0	

Station ID	Date	Time (start)	Sample Depth (S,M,B)	Depth Actual (m)	Temp ° C CTD 1	Temp ° C CTD 2	Salinity PSU CTD 1	Salinity PSU CTD 2	Sample #	Chlorophyll (volume/ml.)	TSS (volume/ml.)	pH (1-14)	pH-Temp (Celsius)	Secchi Depth (meters)	Dissolved Oxygen (ppm)	O2 CTD2 mg/L	O2 CTD1 mL/L	O2 CTD1 mg/L	O2 corr'd mg/L		
AK04-18	8/13/2004	1344	S	0.9	15.4	16.2	23.452	23.043	127	500	1000	8.22	18.2	8.00				0	8.0		
			M	55.1	7.2		30.834		128	500	1000	7.67	16.1		3.9 ppm-bottom				0	5.0	
			D	114.7	6.0		31.856		129	500	1000	7.59	17.5		3.8 ppm-bottom	3.85	4.3	6.144777	0	3.7	
CS-Hoonah	8/14/2004	724	S	1 est	15.1	14.9	25.147	25.483	130	500	1000	8.25	17.0	6.75		7.31		0	8.3		
			M	16 est	9.1	9.2	29.527	30.083	131	500	1000	7.92	15.7		5.4 ppm-bottom	6.29		0	7.0		
			D	36 est	7.3	7.3	30.487	31.090	132	500	1000	7.77	14.8		5.3 ppm-bottom	4.8	5.35	5.2	7.430894	0	5.4
CS-Bartlett	8/14/2004	1605	S	1.2	8.9	9.9	29.565	30.516	133	500	1000	7.87	14.5		6.7 bottom	7.67		0	7.6		
			D	7.6	8.5	8.5	29.785	30.382	135	500	1000	7.80	13.9	8.00	6.6 bottom	6.3	6.65	5.8	8.288304	0	6.9
																				0	
AK04-03	8/15/2004	738	S	0.9	14.1		30.883		136	200	1000	8.30	15.2	4.00				0	8.9		
			M	74.5	6.7		31.750		137	600	1000	7.84	11.2		4.2 bottom			0	4.9		
			D	144.8	5.6		32.002		138	500	1000	7.79	11.9		3.8 bottom	4	4.75	6.787835	0	4.6	
AK04-116	8/16/2004	718	S	1.0	15.1	15.3	26.139	26.057	139	200	1000	8.37	14.7	5.00		7.29		0	0		
			M	69.1	8.2	8.2	31.120	31.752	140	400	1000	7.97	11.1		6.6	6.76		0	0		
			D	137.6	7.9	7.9	31.117	31.774	141	350	1000	7.94	10.7		7	6.5	6.8	6.3	9.002813	0	0
AK04-07	8/16/2004	1330	S	0.8 est		15.9		28.586	142	300	1000	8.25	20.7	5.25	7.8 ppm-bottom	6.91		0	0		
			D	20 est		11.3		31.282	143	300	1000	8.11	20.1		8.5 ppm-bottom	7.5	8.1		0	0	
																				0	0
AK04-17	8/17/2004	845	S	0.9	4.7	4.4	20.589	19.327	144	20	150	8.25	7.6	0.05		9.69		0	0		
			M	118.6	6.8	6.8	30.816	31.467	145	200	1000	7.99	8.2		8.1 ppm-bottom	6.86		0	0		
			D	214.8	6.7	6.7	30.856	31.504	146	200	600	8.00	8.8		8.2 ppm-bottom	6.8	8.15	6.6	9.431519	0	0
AK04-51	8/17/2004	1250	S	1.1	17.0	16.9	21.698	21.988	147	200	1000	8.35	17.4	2.00		7.21		0	0		
			M	63.0	7.7	7.7	31.095	31.732	148	400	1000	7.98	12.2		7.3 ppm-bottom	6.49		0	0		
			D	128.1	7.3	7.3	31.119	31.780	149	400	1000	7.94	12.7		6.8 ppm-bottom	6.4	7	6.2	8.859912	0	0
AK04-32	8/18/2004	1023	S	0.8	12.2	12.2	17.132	17.610	150	200	1000	8.54	13.7	1.50		8.13		0	0		
			M	19.7	9.0	9.0	27.048	27.533	151	300	1000	8.21	11.4		8.4 ppm-bottom	7.62		0	0		
			D	45.1	11.0	11.0	29.818	30.413	152	300	1000	8.18	12.6		8.6 ppm-bottom	7.4	8.5	6.4	9.145715	0	0
AK04-19	8/20/2004	940	S	0.9	18.1	18.2	24.645	25.235	153	300	1000	8.39	17.6	14.00		6.91		0	0		
			M	80.0	5.3	5.3	31.420	32.084	154	500	1000	7.54	11.1		2.2	3.11		0	0		
			D	165.2	5.4	5.4	32.521	33.232	155	300	1000	7.55	11.5		2.2	1.8	2.2	3.5	5.001563	0	0
AK04-08	8/20/2004	1325	S	1 est	17.9	17.9	25.088	25.503	156	300	1000	8.22	18.4	13.00		7.02		0	0		
			M	65 est	5.5	5.5	30.873	31.526	157	500	1000	7.48	11.6		2	4.15		0	0		
			D	126 est	5.3	5.3	32.120	32.810	158	300	1000	7.37	12.3		2	1.8	2	3.6	5.144465	0	0
CS Sitka Ferry	8/21/2004	1810	S	1 est	17.8	17.2	29.047	29.303	159	500	1000	8.14	19.4	6.50		6.4		0	0		
			M	21 est	12.7	21.7	30.675	31.268	160	500	1000	8.09	16.8		6.7	6.97		0	0		
			D	43.9 est	9.6	9.7	30.774	31.649	161	500	1000	7.82	15.2		6.2	5.6	6.4	5.4	7.716697	0	0
Sitka 1	8/21/2004	2023	S	1.5	18.3	18.1	14.797	29.389	162	200	1000	8.06	18.4	3.50	6.4	6.51		0	0		
			D	6.8	14.7	14.6	30.512	31.168	163	300	1000	7.94	17.0		7	6.5	6.7	5.2	7.430894	0	0

Station ID	Longitude	Latitude	Depth Actual	Sample #		NO ₃ ⁻	NO ₃ ⁻	HPO ₄ ⁼	HPO ₄ ⁼	HSIO ₃ ⁻	HSIO ₃ ⁻	NH ₄ ⁺	NH ₄ ⁺	NO ₂ ⁻	NO ₂ ⁻	Urea	Urea	NO ₃ +NO ₂
						0.58	0.04	0.49	0.05	15.15	1.17	0.14	0.00	0.07	0.00	0.59	0.04	0.65
AK04-0006	-134.588	57.23607	1.0 est	6	AK04-0006-S-6	0.58	0.04	0.49	0.05	15.15	1.17	0.14	0.00	0.07	0.00	0.59	0.04	0.65
AK04-0010	-135.463	57.61677			3 AK04-0010-S-3	0.15	0.01	0.36	0.04	12.43	0.96	0.09	0	0.067	0.003	0.38	0.02	0.217
Warm Springs	-134.813	57.09072	0.9 est		9 Warm Springs-C	0.73	0.05	0.73	0.07	21.74	1.68	0.1	0	0.138	0.006	0.53	0.03	0.866
AK04-0040	-134.278	56.02182		3.7	14 AK04-0040-S-14	9.53	0.59	1.27	0.12	27.27	2.1	0.17	0	0.232	0.011	0.29	0.02	9.764
AK04-0005	-134.591	56.49475		3.117	12 AK04-0005-S-12	9.34	0.58	1.31	0.13	32.59	2.51	1.15	0.02	0.32	0.015	0.46	0.03	9.66
AK04-0001	-133.982	55.8473		2.23	20 AK04-0001-S-20	19.92	1.23	2	0.19	41.9	3.23	0.06	0	0.134	0.006	0.48	0.03	20.05
AK04-0034	-133.811	56.01522		3.383	17 AK04-0034-S-17	14.95	0.93	1.6	0.15	42.55	3.28	0.69	0.01	0.34	0.016	0.45	0.03	15.29
AK04-0024	-133.949	55.62513	1 est		21 AK04-0024-S-21	0.18	0.01	0.31	0.03	11.25	0.87	0.05	0	0.039	0.002	0.17	0.01	0.22
AK04-0201	-133.909	55.4942		2.149	24 AK04-0201-S-24	2.52	0.16	0.54	0.05	17.16	1.32	0.4	0.01	0.099	0.005	0.44	0.03	2.62
AK04-0009	-132.907	55.17225		2.408	29 AK04-0009-S-29	0.17	0.01	0.29	0.03	9.95	0.77	0.12	0	0.052	0.002	0.27	0.02	0.22
AK04-0099	-132.956	55.11008		2.585	32 AK04-0099-S-32	0.02	0	0.25	0.02	9.46	0.73	0.13	0	0.043	0.002	0.22	0.01	0.06
AK04-0022	-131.827	55.05543		2.496	35 AK04-0022-S-35	23.05	1.43	1.66	0.16	51.96	4.01	0.19	0	0.054	0.002	0.31	0.02	23.1
Ketchikan #2	-131.694	55.35372	1 est		36 Ketchikan #2-Cr	0.18	0.01	0.42	0.04	13.5	1.04	0.81	0.01	0.12	0.006	0.56	0.03	0.3
Ketchikan #1	-131.694	55.35407		2.319	39 Ketchikan #1-Cr	0.93	0.06	0.68	0.07	12.44	0.96	0.6	0.01	0.095	0.004	0.49	0.03	1.02
AK04-0002	-132.247	55.41048	0.7 est		42 AK04-0002-S-42	0.28	0.02	0.33	0.03	6.94	0.53	0.17	0	0.045	0.002	0.55	0.03	0.32
AK04-0014	-132.185	55.55413		2.142	45 AK04-0014-S-45	0.27	0.02	0.27	0.03	9.55	0.74	0.17	0	0.033	0.002	0.28	0.02	0.3
AK04-0016	-130.901	55.3686		2.319	51 AK04-0016-S-51	0.33	0.02	0.21	0.02	14.76	1.14	0.12	0	0.034	0.002	0.2	0.01	0.37
AK04-062	-131.027	55.77665		2.23	48 AK04-062-S-48	0.34	0.02	0.35	0.03	11.87	0.91	0.01	0	0.045	0.002	0.45	0.03	0.39
AK04-139	-130.982	55.07808		2.23	57 AK04-139-S-57	5.55	0.34	0.82	0.08	17.71	1.37	0.14	0	0.202	0.009	0.42	0.03	5.75
AK04-030	-132.119	55.99143		2.23	60 AK04-030-S-60	0.29	0.02	0.36	0.03	13.24	1.02	0.17	0	0.039	0.002	0.56	0.03	0.32
AK04-013	-132.558	55.94207		2.408	63 AK04-013-S-63	0.35	0.02	0.41	0.04	15.74	1.21	0.01	0	0.038	0.002	0.38	0.02	0.39
Wrangell Cruise Ship	-132.392	56.47425	1 est		66 Wrangell Cruise	7.52	0.47	0.75	0.07	39.44	3.04	0.23	0	0.105	0.005	0.33	0.02	7.62
AK04-020	-133.366	56.372		0.989	69 AK04-020-S-69	22.99	1.43	2.09	0.2	51.53	3.97	0.34	0.01	0.18	0.008	0.47	0.03	23.17
AK04-025	-133.636	56.32917		1.255	72 AK04-025-S-72	11.14	0.69	1.87	0.18	27.09	2.09	1.55	0.03	0.179	0.008	0.58	0.03	11.32
AK04-157	-132.886	57.02317		1.432	77 AK04-157-S-77	12.71	0.79	1.36	0.13	29.11	2.24	1.43	0.03	0.411	0.019	0.57	0.03	13.12
AK04-35	-133.846	57.49268		0.989	80 AK04-35-S-80	2.45	0.15	0.18	0.02	8.85	0.68	0.04	0	0.06	0.003	0.3	0.02	2.51
AK04-27	-133.824	57.77882		0.989	85 AK04-27-S-85	0.14	0.01	0.22	0.02	12.19	0.94	0.13	0	0.075	0.003	0.21	0.01	0.22
Gambier Bay	-134.065	57.46783		0.989	88 Gambier Bay-S-88	0.07	0	0.21	0.02	2.96	0.23	0.07	0	0.045	0.002	0.38	0.02	0.11
Tracy Arm	-133.482	57.67802		0.812	91 Tracy Arm-S-91	7.66	0.47	1.03	0.1	33.08	2.55	0.13	0	0.319	0.015	0.47	0.03	7.98
AK04-37	-133.631	57.85935		0.812	94 AK04-37-S-94	21.67	1.34	2.06	0.2	47.24	3.64	0.69	0.01	0.293	0.013	0.35	0.02	21.96
AK04-33	-133.135	57.55677		0.989	97 AK04-33-S-97	24.46	1.52	2.42	0.23	51.9	4	0.91	0.02	0.26	0.012	0.41	0.02	24.72
AK04-29	-133.732	58.00493		0.812	101 AK04-29-S-100	5.53	0.34	0.34	0.03	36.28	2.8	0.44	0.01	0.061	0.003	0.21	0.01	5.59
AK04-23	-134.152	58.18898		0.989	103 AK04-23-S-103	4.28	0.27	0.39	0.04	24.48	1.89	1.04	0.02	0.154	0.007	0.14	0.01	4.43
CS-JUNEAU	-134.409	58.29877		0.989	106 CS-JUNEAU-S-106	0.08	0	0.24	0.02	12.83	0.99	0.11	0	0.032	0.001	0.15	0.01	0.11
CS-AUKE BAY	-134.681	58.38466		0.989	109 CS-AUKE BAY-S-109	0.09	0.01	0.14	0.01	9.27	0.71	0.1	0	0.066	0.003	1.11	0.07	0.16
AK04-04	-134.672	58.32102		0.989	112 AK04-04-S-112	0.06	0	0.25	0.02	7.93	0.61	0.38	0.01	0.063	0.003	0.52	0.03	0.13
AK04-11	-135.15	58.76885		1.078	115 AK04-11-S-115	-0.02	0	0.12	0.01	10.64	0.82	0.08	0	0.037	0.002	0.24	0.01	0.02
CS-Skagway	-135.325	59.44925		1.166	118 CS-Skagway-S-118	3.83	0.24	0.14	0.01	10.94	0.84	1.2	0.02	0.091	0.004	0.2	0.01	3.92
CS-Haines	-135.455	59.2817		1.255	121 CS-Haines-S-121	-0.03	0	0.1	0.01	6.03	0.46	0.32	0.01	0.079	0.004	0.32	0.02	0.05
AK04-36	-135.019	58.37018		1.166	124 AK04-36-S-124	0.11	0.01	0.17	0.02	10.6	0.82	0.01	0	0.061	0.003	0.54	0.03	0.17
AK04-18	-135.483	58.21065		0.901	127 AK04-18-S-127	0.56	0.03	0.26	0.02	13.35	1.03	0.04	0	0.037	0.002	0.33	0.02	0.6
CS-Hoonah	-135.455	58.106	1 est		130 CS-Hoonah-S-130	0.59	0.04	0.36	0.03	11.86	0.91	0.7	0.01	0.055	0.003	0.43	0.03	0.65
CS-Bartlett	-135.887	58.4552		1.2	133 CS-Bartlett-S-133	18.04	1.12	1.62	0.16	40.3	3.11	0.62	0.01	0.223	0.01	0.45	0.03	18.26
AK04-03	-136.355	58.15653		0.9	136 AK04-03-S-136	0.38	0.02	0.46	0.04	6.46	0.5	0.17	0	0.091	0.004	0.56	0.03	0.47
AK04-19	-135.421	57.83575		0.9	153 AK04-19-S-153	0.26	0.02	0.18	0.02	11.05	0.85	0.45	0.01	0.048	0.002	0.52	0.03	0.31
AK04-08	-135.352	57.78362	1 est		156 AK04-08-S-156	0.34	0.02	0.23	0.02	11.98	0.92	0.05	0	0.118	0.005	0.45	0.03	0.46
CS Sitka Ferry	-135.382	57.12938	1 est		159 CS Sitka Ferry-S-159	0.37	0.02	0.37	0.04	9.67	0.75	0.11	0	0.087	0.004	0.62	0.04	0.46
Sitka 1	-135.349	57.05487		1.5	162 Sitka 1-S-162	0.82	0.05	0.5	0.05	5.13	0.4	0.74	0.01	0.098	0.004	0.58	0.03	0.92