

Appendix III.

Average seasonal cycle of monthly mean sea level

Note: Two seasonal cycles are shown with 95% confidence intervals.

Table B. Average seasonal mean sea level cycle with standard errors (mm)													
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean
Adak Island	36.8	14.5	-39.7	-103.2	-79.8	-82.6	-95	-76.4	-46.9	-39.2	3.4	41.4	-38.9
	12.3	12.2	12.3	12.3	12.2	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.2
Alameda	66.4	68.6	24.5	-24.8	-17.2	15.7	44.8	57.1	76.5	50.6	33.5	48.6	37
	12.8	12.8	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
Anchorage	52.5	9.1	-39.9	-61.1	-70.8	-20.0	28.4	64.5	97.8	93.4	80.6	88.6	26.9
	25.5	25.3	25.2	25.0	24.9	25.1	24.8	24.8	24.9	25.1	24.8	25.0	25.0
Annapolis	-16.4	-10.0	40.3	101.0	141.7	168.1	162.0	181.9	200.0	160.3	88.9	3.6	101.8
	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
Apalachi- cola	-39.8	-20.4	33.8	49.4	65.1	74.2	83.3	114.8	164.6	112.7	54.4	-17.7	56.2
	14.6	14.5	14.5	14.8	14.6	14.4	14.6	14.4	14.4	14.7	14.7	14.6	14.6
Astoria	116.4	106.6	44.9	-10.2	5.7	19.0	-71.3	-115.7	-105.9	-63.0	40.6	117.7	7.1
	14.1	14.1	14.1	14.1	14.1	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14
Atlantic City	50.2	60.1	79.7	107.7	132.3	154.3	148.6	181.7	206.5	191.9	134.6	70.2	126.5
	8.3	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.1	8.1	8.1	8.1	8.2
Baltimore	-39.8	-34.5	17.9	86.4	138.0	170.3	166.0	183.2	195.2	151.6	69.7	-13.9	90.8
	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
Bar Harbor	31.1	30.0	36.3	54.2	60.1	71.7	63.1	58.0	51.2	57.4	68.3	42.9	52.0
	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.6	7.5	7.5	7.5	7.5	7.6
Beaufort	42.3	55.2	65.1	78.0	117.9	125.7	111.5	145.9	208.3	213.0	142.0	75.3	115.0
	14.7	14.8	14.8	14.7	14.7	14.7	14.6	14.6	14.6	14.5	14.5	14.5	14.7
Bermuda	11.4	1.4	0.6	-3.0	-0.7	29.8	60.3	88.7	113.7	130.4	100.4	54.9	49.0
	14.7	14.6	14.7	14.8	14.9	14.6	14.8	14.6	14.6	14.7	14.8	14.8	14.7
Boston	26.8	32.9	47.5	70.1	81.3	94.9	81.1	81.7	82.9	88.8	84.6	46.2	68.2
	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
Bridgeport	-11.5	12.6	27.2	72.9	97.1	109.7	109.9	121.0	129.1	110.9	76.4	27.2	73.5
	11.7	11.8	11.8	11.8	11.7	11.7	11.7	11.7	11.7	11.7	11.6	11.6	11.7
Cambridge	-6.6	9.4	38.4	83.2	122.7	145.1	141.1	163.7	183.4	151.6	99.2	15.0	95.5
	11.1	11.1	11.1	11.1	10.8	10.8	10.9	10.9	10.9	10.8	10.9	10.9	11.0
Cape May	29.8	47.1	59.4	96.7	112.5	120.9	116.5	147.0	178.8	156.5	109.3	58.8	102.8
	14.3	14.3	14.3	14.3	14.2	14.2	14.1	14.1	14.1	14.0	14.0	14.0	14.2
Cedar Key	-51.8	-51.5	-4.4	35.0	81.1	112.2	129.8	149.0	165.4	121.0	61.5	-11.4	61.3
	7.6	7.6	7.7	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.6	7.5	7.6
Charleston, OR	136.0	133.6	74.9	-31.7	-60.9	-64.1	-50.5	-23.1	6.0	21.5	99.2	125.4	30.5
	19.3	19.4	19.6	19.4	19.7	19.6	19.6	19.5	19.4	19.2	19.1	19.1	19.4
Charleston, SC	12.6	23.1	29.3	55.5	107.1	115.7	64.9	117.2	227.7	251.3	150.1	59.2	101.1
	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	9.2	9.2	9.2	9.2	9.3
Charlotte Amalie	-16.5	-30.0	-31.1	-15.5	-17.0	-3.2	30.3	47.8	83.1	93.5	58.8	9.6	17.5
	11.9	12.0	11.9	11.9	11.8	11.8	11.8	11.7	11.8	11.8	11.8	11.8	11.8
Cherry Point	119.1	126.8	73.5	-9.2	-20.3	1.3	19.0	30.4	25.8	25.8	103.7	110.1	50.5
	19.2	19.1	19.1	19.1	19.0	19.0	18.9	18.9	18.8	18.8	18.8	19.0	19.0
Chesapeake Bay Br Tnl	88.8	120.9	128.9	156.5	174.1	167.9	153.7	200.8	249.2	236.9	172.2	116.6	163.9
	18.2	18.2	18.1	18.2	18.1	18.0	18.0	17.9	17.9	17.9	17.8	17.8	18.0
Chuuk	-42.4	5.3	45.3	59.4	44.6	22.9	8.7	4.3	10.2	21.8	-0.8	-44.1	11.3
	29.9	29.9	29.8	29.7	29.7	29.6	29.7	29.7	29.8	29.8	29.9	29.9	29.8
Clearwater Beach	-18.8	-17.5	4.4	38.5	87.8	104.4	108.8	128.9	177.7	143.3	102.6	12.6	72.7
	13.7	13.8	13.7	14.2	14.1	13.9	14.1	13.7	13.6	13.6	13.5	13.5	13.8

Table B. Average seasonal mean sea level cycle with standard errors (mm)													
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean
Colonial Beach	20.4	36.7	83.1	129.5	180.5	187.1	177.1	210.0	238.3	185.1	108.3	41.4	133.1
	16.7	16.9	16.7	16.6	16.3	16.3	16.3	16.4	16.2	16.1	16.1	16.3	16.4
Cordova	211.5	190.0	122.6	66.8	33.8	40.7	50.8	108.6	174.4	267.5	267.5	248.9	148.6
	17.6	17.7	17.7	17.7	17.6	17.6	17.6	17.6	17.5	17.5	17.5	17.5	17.6
Crescent City	78.7	63.6	-4.9	-87.8	-92.0	-81.2	-43.0	-15.0	10.0	1.2	34.7	74.9	-5.1
	11.5	11.5	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.5	11.5	11.5	11.6
Dauphin Island	-15.4	-13.9	35.2	81.6	105.0	98.4	76.2	122.5	202.2	164.8	100.8	20.8	81.5
	15.1	15.1	15.1	15.2	15.3	15.2	15.1	15.1	15.3	15.3	15.2	15.3	15.2
Eastport	21.4	18.6	26.5	32.1	36.4	41.8	33.9	20.3	17.5	32.1	48.9	34.2	30.3
	7.2	7.3	7.3	7.2	7.1	7.1	7.1	7.2	7.2	7.1	7.1	7.1	7.2
Eugene Island	196.5	220.9	275.1	345.3	376.4	369.6	310.1	341.3	432.4	390.8	295.8	225.7	315.0
	29.7	29.8	29.8	29.8	29.8	29.9	29.8	29.9	29.9	29.9	29.8	29.7	29.8
Fernandina Beach	-19.7	-19.6	-14.0	16.2	63.3	65.3	-5.0	47.4	220.7	277.4	149.5	31.4	67.8
	9.9	10.0	9.9	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9
Fort Myers	-22.7	-21.9	10.9	33.9	68.0	106.8	114.5	144.9	173.0	135.8	77.8	6.4	69.0
	12.3	12.2	12.3	12.2	12.2	12.2	12.2	12.2	12.1	12.1	12.0	12.1	12.2
Fort Pulaski	4.5	6.0	16.3	51.4	110.3	113.7	49.7	113.5	241.6	269.7	152.0	52.2	98.4
	10.7	10.8	10.8	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	10.6	10.7
Freeport	-55.9	-50.7	-20.5	51.3	90.2	55.9	-22.2	27.3	189.6	176.1	87	-19.9	42.3
	15.9	15.9	15.9	15.7	15.7	15.7	15.6	15.6	15.6	15.5	15.5	15.4	15.7
Friday Harbor	138.7	122.9	69.9	-2.3	-20.9	-8.8	1.3	8.7	12.4	27.6	94.3	141.2	48.8
	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.5	10.6
Galveston Pier 21	-90.4	-78.6	-37.5	30.6	75.5	47.6	-32.1	5.7	158.2	142.4	38.9	-47.9	17.7
	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.0	11.0	11.1
Galveston Pleasure Pier	-90.2	-76.4	-37.4	39.6	80.2	43.6	-24.5	25.8	179.1	158.5	59.8	-36.2	26.8
	16.8	16.9	17.0	16.9	16.9	16.9	16.9	16.9	16.9	16.8	16.7	16.7	16.9
Gloucester Point	28.7	46.4	84.0	104.8	136.6	136.5	113.8	162.6	213.3	198.5	121.4	49.3	116.3
	11.6	11.6	11.6	11.6	11.6	11.5	11.6	11.6	11.6	11.5	11.5	11.5	11.6
Grand Isle	56.8	66.1	103.7	148.6	186.8	181.3	148.2	193.5	292.6	251.7	168.3	89.6	157.3
	13.1	13.1	13.1	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.9	13.1
Guam	-53.1	-18.0	11.9	33.9	39.0	61.1	78.3	65.1	37.7	0.5	-38.1	-58.8	13.3
	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.3	27.3	27.3	27.4
Guantanamo Bay, Cuba	764.7	759.5	769.4	773.3	793.1	801.4	814.0	847.2	886.6	891.9	849.2	795.6	812.2
	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.4	19.4	19.4	19.3	19.3	19.4
Hilo	61.5	43.7	40.0	30.5	18.3	25.6	62.7	105.6	116.6	110.5	95.6	68.2	64.9
	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	9.3
Honolulu	38.7	30.1	22.3	11.3	11.0	21.4	50.6	78.7	96.0	91.2	74.7	52.9	48.2
	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
Johnston Atoll	37.6	1.8	-22.9	-31.2	-43.4	-33.9	20.6	63.5	78.2	83.9	67.5	48.3	22.5
	13.0	13.0	13.2	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
Juneau	3.7	-20.6	-61.4	-94.3	-99.9	-51.4	-51.6	-37.7	-13.7	71.2	81.3	72	-16.9
	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.1	13.1	13.1	13.1	13.1	13.2
Kahului	52.4	42.7	31.7	18.1	7.7	28.5	53.9	84.8	110.0	98.3	81.4	53.3	55.2
	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4

Table B. Average seasonal mean sea level cycle with standard errors (mm)													
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean
Ketchikan	75.9	48.8	-13.4	-61.7	-91.2	-73.9	-89.3	-88.2	-50.5	58.7	115.5	120.7	-4.1
	10.9	10.9	10.8	10.8	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.8	10.8
Key West	17.4	2.4	9.4	29.4	57.3	62.3	66.5	105.8	167.3	203.4	150.5	62.1	77.8
	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.4
Kiptopeke	41.3	54.9	80.6	95.4	121.3	129.3	114.2	155.3	205.1	196.8	133.2	61.1	115.7
	11.1	11.1	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.0	11.0	11.0	11.1
Kodiak Island	7.0	-23.2	-75.1	-98.7	-135.9	-119.7	-120.0	-81.7	-35.6	-8.4	10.2	7.8	-56.1
	20.3	20.3	20.3	20.2	20.2	20.1	20.1	20.0	20.0	19.9	19.9	20.0	20.1
Kwajalein	-38.1	9.4	46.1	52.1	44.7	31.7	35.0	30.0	31.1	32.6	-2.2	-31.6	20.1
	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.2	16.2	16.2	16.2	16.2	16.3
La Jolla	70.5	47.1	19.3	7.1	28.8	67.2	117.9	146.9	161.5	132.6	109.1	95.0	83.6
	8.5	8.5	8.5	8.5	8.5	8.5	8.4	8.4	8.4	8.4	8.4	8.4	8.5
Lewes	15.4	36.3	53.6	80.8	106.4	114.8	103.8	133.2	167.5	157.1	103.9	40.1	92.7
	9.9	9.9	9.9	9.9	9.9	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
Lewisetta	9.4	33.1	58.6	102.0	143.6	145.5	144.9	179.1	208.4	165.6	97.6	37.3	110.4
	16.7	16.7	16.7	16.7	16.6	16.8	16.6	16.5	16.5	16.5	16.4	16.4	16.6
Los Angeles	29.9	11.8	-20.7	-38.1	-14.4	24.7	72.9	95.5	112.4	88.0	61.6	49.4	39.4
	8.0	8.0	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Magueyes Island	-4.1	-12.8	-12.5	-9.4	-1.6	14.4	52.0	76.2	95.3	107.9	81.8	26.7	34.5
	7.4	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.4
Mayport	-1.5	-6.9	-12.0	7.9	48.4	54.8	-1.6	64.0	219.1	284.2	165.7	56.3	73.2
	10.7	10.7	10.7	10.7	10.7	10.7	10.6	10.6	10.6	10.6	10.6	10.6	10.7
Miami Beach	19.0	6.6	1.1	16.5	54.6	50.3	30.5	69.1	156.4	238.1	173.2	68.0	73.6
	12.2	12.2	12.1	12.1	12.1	12.1	12.3	12.4	12.4	12.3	12.3	12.2	12.2
Mokuoloe	39.8	31.9	23.0	2.5	-6.2	14.3	43.4	74.0	91.2	86.1	77.5	52.4	44.2
	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.1	13.1	13.1	13.1	13.2
Montauk	26.8	30.5	46.2	65.1	82.8	100.9	106.8	116.0	124.6	119.3	96.8	44.0	80.0
	8.8	8.6	8.8	8.8	8.7	8.7	8.6	8.6	8.5	8.5	8.5	8.6	8.7
Monterey	88.3	75.9	41.0	-3.5	9.2	38.2	83.6	105.2	132.3	108.3	89.5	81.9	70.8
	18.3	18.4	18.4	18.4	18.4	18.3	18.3	18.3	18.3	18.2	18.2	18.2	18.3
Nantucket Island	55.8	58.4	49.6	70.1	76.5	95.8	101.3	103.4	117.0	119.8	114.6	89.6	87.7
	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4	9.4	9.4	9.5	9.4	9.5
Naples	-28.6	-33.9	-9.3	13.8	49.6	73.0	75.2	106.5	154.0	145.9	90.6	12.9	54.1
	11.3	11.3	11.3	11.2	11.2	11.3	11.2	11.1	11.3	11.3	11.3	11.3	11.3
Nawiliwili	38.1	25.3	15.3	1.8	-3.2	3.2	44.8	72.8	95.6	89.7	69.1	52.8	42.1
	11.7	11.7	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.6	11.6	11.6	11.6
Neah Bay	82.1	63.9	5.1	-87.6	-137.1	-149.4	-156.4	-134.0	-106.9	-48.6	48.2	93.0	-44.0
	12.4	12.5	12.5	12.4	12.3	12.3	12.3	12.2	12.2	12.2	12.2	12.2	12.3
New London	-1.4	4.5	32.7	59.6	76.7	95.5	94.1	103.9	105.1	101.3	78.2	20.2	64.2
	7.9	7.9	7.9	7.8	7.8	7.9	7.8	7.8	7.8	7.8	7.8	7.8	7.8
New Rochelle	-83.6	-69	-11	2.5	28.3	48.5	44.7	64.5	77.6	55.9	21.4	-47.4	11
	29.1	29.2	29	28.8	28.4	28.1	28.1	28.3	28.5	28.5	28.4	28.6	28.6
Newport	20.7	21.0	36.4	52.9	74.0	104.0	109.8	116.4	120.6	116.4	94.9	41	75.7
	6.5	6.5	6.5	6.6	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Newport Beach	73.2	55.1	21.4	9.5	28.5	64.2	114.8	137.9	158.3	129.0	102.4	85.0	81.6
	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.5	15.5	15.5	15.4	15.5

Table B. Average seasonal mean sea level cycle with standard errors (mm)													
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean
Nikiski	36.4	60.3	-63.1	-130.4	-121.3	-108.7	-109.5	-47.7	27.1	36.7	69.8	45.0	-25.5
	38.9	41.7	38.9	38.9	39.0	37.3	36.8	38.9	38.7	35.8	35.8	35.8	38.1
Padre Island	54.8	34.9	53.5	89.1	117.5	81.2	22.1	68.5	218.5	240.6	180.2	93.4	104.5
	17.8	18.0	18.3	18.1	18.1	18.1	18.0	17.9	18.0	17.8	17.6	17.5	17.9
Pago Pago	24.2	27.8	33.5	42.5	34.4	37.9	48.5	46.3	49.2	41.9	36.2	32.2	37.9
	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.3	17.3	17.4
Panama City	-69.6	-60.6	-19.6	11.8	51.4	63.0	72.8	110.6	170.6	123.1	65.4	-28.7	40.9
	13.7	13.8	13.7	13.7	13.6	13.5	13.3	13.2	13.1	13.2	13.4	13.5	13.5
Pensacola	-43.9	-33.6	10.2	51.3	82.6	94.4	87.4	130.6	193.2	155.4	74	-2.5	66.6
	8.8	8.8	8.8	8.9	8.8	8.8	8.8	8.8	8.8	8.7	8.7	8.7	8.8
Philadelphia	-19.2	-21.9	78.3	142.2	148.7	149.4	130.5	141.9	148.6	119.8	59.8	-0.9	89.8
	10.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9	10.0	9.9	9.9	10.0
Point Reyes	114.0	106.4	58.7	-16.8	-3.7	27.5	82.6	108.2	137.0	108.9	94.6	99.2	76.4
	21.1	21.2	21.2	21.2	21.1	21.1	21.1	21.0	21.0	20.9	20.9	20.9	21.1
Port Angeles	155.7	164.1	99.2	12.8	-21.2	-30.7	-25.6	-5.7	5.9	33.7	126.3	137.3	54.3
	20.9	21.0	21.0	21.0	20.9	20.9	20.9	20.9	20.8	20.7	20.7	20.6	20.9
Port Isabel	49.5	46.4	73.3	109.5	126.8	86.2	26.2	79.5	228.7	255.1	175.5	86	111.9
	11.7	11.7	11.7	11.7	11.8	11.8	11.7	11.7	11.7	11.7	11.7	11.7	11.7
Port Jefferson	-9.0	12.4	44.3	65.1	83.3	108.1	105.3	120.4	132.0	119.6	84.4	20.3	73.9
	13.3	13.3	13.2	13.2	13.2	13.2	13.1	13.1	13.0	13.2	13.2	13.2	13.2
Port Mansfield	-24.0	-22.9	29.0	126.4	175.6	123.8	21.7	43.1	185.8	212.2	136.8	32.6	86.7
	20.3	20.2	20.0	19.9	19.9	19.9	19.8	19.7	19.9	20.0	20.1	20.2	20.0
Port San Luis	43.9	23.5	-17.1	-44.1	-24.4	14.4	60.0	79.8	102.9	80.5	58.5	51.1	35.8
	11.3	11.3	11.3	11.3	11.4	11.3	11.3	11.4	11.3	11.3	11.3	11.2	11.3
Port Townsend	176.1	182.4	132.9	44.7	15.9	15.5	21.3	30.9	35.5	49.8	140.3	162.8	84.0
	18.7	18.7	18.7	18.7	18.7	18.6	18.6	18.5	18.5	18.5	18.5	18.4	18.6
Portland	6.3	10.9	22.3	51.4	63.6	76.0	66.3	60.9	55.0	57.5	55.9	22.9	45.8
	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
Portsmouth	44.1	57.2	84.0	91.6	116.3	123.3	98.6	140.2	213.4	215.6	140.6	50.3	114.6
	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.6	12.6	12.6	12.7
Providence	-14.7	-5.7	16.6	45.8	66.4	93.4	98.5	98.2	94.7	88.9	64.9	11.3	54.9
	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	7.7	7.7	7.8
Rincon Island	89.3	73.3	34.8	24.2	45.8	81.6	126.0	148.7	170.6	144.0	122.6	105.4	97.2
	22.5	22.5	22.4	22.4	22.3	22.3	22.3	22.3	22.2	22.1	22.2	22.3	22.3
Rockport	13.7	17.1	65.9	144.0	192.1	148.1	62.5	89.2	241.4	256.5	151.8	56.8	119.9
	15.2	15.2	15.2	15.2	15.1	15.1	15.0	15.1	15.1	15.0	15.0	15.0	15.1
Sabine Pass	-74.1	-63.1	-12.2	53.9	88.6	66.1	-11.0	21.4	158.3	129.3	35.2	-41.9	29.2
	21.5	21.6	21.6	21.7	21.8	21.8	21.8	22.0	21.9	22.0	21.6	21.4	21.7
San Diego	64.7	42.7	15.6	1.0	21.5	62.5	113.4	134.0	153.6	127.6	100.3	87.3	77.0
	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	7.1
San Francisco	70.3	66.6	26.7	-14.7	-1.7	24.4	59.9	71.9	84.2	61.0	44.0	59.2	46.0
	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8	8.0
San Francisco (With EQ)	97.4	93.7	53.8	12.3	25.6	51.6	87.1	99	111.3	88.1	71	86.2	73.1
	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7

Table B. Average seasonal mean sea level cycle with standard errors (mm)													
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean
San Juan	26.2	19.1	17.5	24.4	24.1	34.7	65.3	87.1	118.3	136.6	102.5	44.4	58.4
	9.3	9.3	9.3	9.3	9.2	9.3	9.3	9.4	9.3	9.3	9.3	9.2	9.3
Sand Island	50.3	36.0	-12.9	-57.1	-51.2	-39.0	-20.7	34.8	59.9	41.0	31.7	33.8	8.9
	12.5	12.5	12.3	12.3	12.5	12.5	12.4	12.4	12.3	12.2	12.3	12.3	12.4
Sand Point	84.5	26.6	-49.0	-124.8	-146.6	-151.3	-168.5	-139.5	-46.7	19.0	58.7	91.8	-45.5
	22.5	22.5	22.7	22.5	22.4	22.4	22.3	22.3	22.4	22.4	22.3	22.2	22.4
Sandy Hook	23.3	32.8	71.7	111.9	132.7	150.4	144.2	160.8	175.9	158.9	114.9	44.4	110.2
	8.8	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
Santa Barbara	74.3	56.6	26.8	-20.8	15.3	50.5	84.1	112.1	136.0	117.4	86.7	79.8	68.2
	18	18.2	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.3	18.2	18.3
Santa Monica	40.9	23.2	-1.6	-22.4	-1.5	40.1	88.4	110.9	133.1	96.7	66.7	52.4	52.2
	11.0	11.0	11.0	11.1	11.0	11.1	11.1	11.0	11.0	10.9	10.9	10.9	11.0
Seattle	161.0	144.9	92.4	31.0	12.7	16.6	15.2	16.9	20.5	39.5	106.9	153.3	67.6
	8.1	8.2	8.2	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
Seavey Island	26.6	30.8	58.7	79.3	83.3	92.7	75.2	72.9	65.4	69.8	74.4	38.6	64
	9.6	9.6	9.6	9.6	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6
Seldovia	26.9	12.5	-56.1	-96.5	-127.9	-128.6	-142.6	-78.3	4.2	76.1	81.8	74.2	-29.5
	21.9	22.0	22.1	22.0	22.0	21.9	21.9	21.9	21.8	21.8	21.8	21.7	21.9
Seward	10.6	-9.3	-79.5	-133.3	-155.1	-146.8	-135.6	-85.8	-15.3	86.3	78.8	71.9	-42.8
	16.4	16.4	16.4	16.3	16.3	16.2	16.4	16.4	16.2	16.3	16.1	16.1	16.3
Sewells Point	60.6	76.5	101.7	123.9	145.3	152.6	126.9	172.4	234.8	224.7	148.6	73.1	136.8
	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8	9.9	9.8	9.9
Sitka	17.8	-12.1	-69.3	-119.6	-163.5	-164.9	-176.9	-153.5	-100.5	3.5	46.4	57.2	-69.6
	11.2	11.2	11.2	11.3	11.3	11.2	11.2	11.2	11.1	11.1	11.1	11.1	11.2
Skagway	-50.6	-71.8	-102.4	-115.0	-94.1	-13.2	12.0	19.9	33.6	86.7	48.7	26.8	-18.3
	19.5	19.5	19.5	19.4	19.6	19.5	19.5	19.7	19.7	19.8	19.6	19.6	19.6
Solomons Island	-15.1	-4.5	40.9	85.1	126.3	143.5	135.4	164.1	192.8	156.8	88.0	1.6	92.9
	9.1	9.1	9.2	9.1	9.1	9.0	9.0	9.0	9.1	9.0	9.0	9.0	9.1
South Beach	206.4	201.7	136.3	25.9	-19.3	-29.1	-26.2	5.4	39.7	62.4	153.3	198.3	79.6
	18.5	18.5	18.5	18.5	18.4	18.4	18.4	18.3	18.3	18.3	18.2	18.2	18.4
Springmaid Pier	9.2	17.0	26.6	55.5	113.9	128.2	95.5	142.9	238.1	254.7	173.5	74.8	110.8
	16.0	16.0	15.9	15.9	15.8	15.8	15.7	15.8	15.9	16.0	16.0	16.2	15.9
St. Petersburg	-12.5	-16.2	14.0	39.8	82.9	114.3	119.8	146.2	182.1	149.6	96.6	24.0	78.4
	7.9	8.0	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
The Battery	-10.2	-10.8	27.7	82.9	107.6	120.9	117.2	134.3	139.7	123.6	74.9	14.9	76.9
	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
Toke Point	196.2	195.1	112.7	-7.1	-63.5	-92.1	-119.1	-98.9	-44.4	15.5	153.7	182.5	35.9
	22.9	23.0	23.1	22.9	22.9	22.9	22.8	22.7	22.8	22.7	22.7	22.7	22.8
Unalaska	35.3	21.7	-57.1	-103.8	-82.7	-89.8	-111.8	-100.1	-49.6	-21.1	15.3	50.1	-41.1
	14.8	14.8	14.8	14.6	14.6	14.6	14.5	14.7	14.6	14.8	14.6	14.7	14.7
Vaca Key	41.8	21.4	29.9	28.8	59.0	67.1	69.2	104.1	174.1	207.8	176.8	84.0	88.7
	10.5	10.6	10.6	10.4	10.4	10.3	10.3	10.3	10.3	10.2	10.4	10.3	10.4
Valdez	89.3	62.8	-5.6	-54.3	-72.7	-38.4	-31.6	9.6	76.5	146.2	133.7	115.2	35.9
	22.2	22.3	22.2	22.3	22.2	22.1	22.1	22.0	21.9	21.8	21.8	21.8	22.1
Wake Island	30.3	38.0	39.9	43.8	15.7	34.4	81.3	106.1	110.9	98.7	79.4	52.3	60.9
	14.1	14.2	14.2	14.4	14.3	14.2	14.0	14.1	14	14	14	13.9	14.1

Table B. Average seasonal mean sea level cycle with standard errors (mm)													
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean
Washington	-12.0	3.8	76.0	118.2	148.9	150.8	129.4	153.9	178.9	139.6	63.4	-15.2	94.6
	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
Willets Point	-12.9	-4.6	30.4	66.8	88.3	107.3	105.5	120.7	130.7	113.8	73.3	3.7	68.6
	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
Wilmington	11.4	40.3	64.3	62.8	69.9	78.2	65.9	87.1	146.0	141.0	73.4	9.4	70.8
	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.2	12.2	12.3	12.2	12.3
Woods Hole	16.4	12.2	22.4	45.7	62.4	91.7	96.3	99.5	105.1	105.6	87.9	35.5	65.1
	6.9	7.0	7.0	7.1	7.1	7.0	7.0	7.0	7.0	7.0	6.9	6.9	7.0
Yakutat	-1.8	-31.0	-90.5	-141.1	-183.9	-177.2	-178.7	-143.4	-77.9	30.7	47.2	46.7	-75.1
	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4	13.3	13.3	13.3	13.4



























































