

CO-OPS Tide Station ID	Station Name	Tidal Datum Analysis End Date	Datum Analysis Length	Tidal Benchmark Stamping	Primary	OPUS Observation Dates	NGS Position ID	Date Observed	Years from Datum Analysis Mid-Point to OPUS Observation Date	Height of 0 MLLW above NAVD88 (m)
9454755	Bainbridge Point	9/7/2002	29 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9451625	Baranof, Warm Spring Bay	8/31/2007	122 days	1625 A 2007	no	2007	BBBG42	4/5/2007	0	n/a
9452318	Barlow Cove	6/5/1999	59 days	2318 B 1999	yes	n/a	n/a	n/a	n/a	n/a
9494935	Barrow Offshore	8/31/2009	364 days	S5253 WCMC L9C3 L8C7 2005	no	2008, 2009, 2018	BBBG78	8/25/2009	0	-0.823
9499176	Barter Island	9/30/2008	29 days	9176 F 2008	no	2008	BBBG90	8/16/2008	0	-1.02
9455128	BEAR COVE, AIALIK PENINSULA, KENAI PENIN	10/31/2000	122 days	945 5128 A 2000	no	2016	BBGV79	9/1/2016	16	0.223
9455595	Bear Cove, Kachemak Bay	8/28/2008	30 days	945-5595 B 2008	yes	n/a	n/a	n/a	n/a	n/a
9450906	BECK ISLAND, CLARENCE STRAIT	8/31/2002	30 days	0906 A 1978	yes	n/a	n/a	n/a	n/a	n/a
9451287	Beecher Pass	9/7/2003	36 days	NO 4 1929	yes	n/a	n/a	n/a	n/a	n/a
9466477	Bethel, Kuskokwim River, AK	9/30/2010	121 days	6477 B 2010	no	2010, 2016, 2016, 2020	BBCC65	10/11/2010	0	-2.141
9466477	Bethel, Kuskokwim River, AK	9/30/2010	121 days	NO 6 1970	no	2014	DF3625	7/14/2014	4	-2.099
9466477	Bethel, Kuskokwim River, AK	9/30/2010	121 days	6477 C 2010	no	2020	BBGZ23	8/27/2020	10	-2.101
9450623	Big Salt Lake	6/15/2008	29 days	0623 A 2008	yes	n/a	n/a	n/a	n/a	n/a
9462645	Biorka Village, Biverly Inlet	7/31/2007	30 days	2645 A 2007	no	2007	BBBF92	6/4/2007	0	0.195
9459251	Bird Island, Shumagin Bank	8/13/2013	30 days	9251 A 2013	yes	n/a	n/a	n/a	n/a	n/a
9465182	BLACK ROCK, WALRUS IS BRISTOL B	8/31/1986	61 days	NO 1 1948	yes	n/a	n/a	n/a	n/a	n/a
9454907	BLACKSTONE BAY, PR. WILLIAM SOUND	10/11/1995	31 days	ZIRCON 1948	yes	2017	UW7355	6/17/2017	22	0.136
9450973	Blashke Island	9/16/2002	21 days	n/a	yes	n/a	n/a	n/a	n/a	n/a
9454381	BLIGH ISLAND, T-16	7/31/1977	30 days	TIDAL BM 4381-A	yes	n/a	n/a	n/a	n/a	n/a
9454818	BLUE FJORD, PORT NELLIE JUAN	10/29/1997	54 days	BLUE NO 3	no	2017	BBFR62	7/3/2017	20	0.463
9450305	BOCA DE QUADRA	10/31/1982	30 days	NO 1 1933	yes	n/a	n/a	n/a	n/a	n/a
9455777	BOULDER POINT	9/12/1999	29 days	5777 E 1998	yes	n/a	n/a	n/a	n/a	n/a
9451012	Bradfield Canal	11/7/2005	30 days	1012 B 2005	yes	n/a	n/a	n/a	n/a	n/a
9462676	Broad Bight	7/31/2013	60 days	2676 A 2013	yes	2013	BBDC14	5/31/2013	0	0.328
9450914	Burrough Bay, Behm Canal	6/16/2013	29 days	0914 A 2013	yes	n/a	n/a	n/a	n/a	n/a
9454374	Busby Island	9/13/2004	21 days	4374 A 2004	yes	n/a	n/a	n/a	n/a	n/a
9451074	BUSHY ISLAND, SNOW PASSAGE	4/30/2000	29 days	n/a	yes	n/a	n/a	n/a	n/a	n/a
9455151	CAMP COVE, HARRIS PENNINSULA	10/31/2000	60 days	5151 B 2000	no	2019	BBGQ36	8/22/2019	19	0.249
9451906	CANNERY WHARF, GAMBIER BAY	5/14/1995	29 days	1906 A 1995	yes	n/a	n/a	n/a	n/a	n/a

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9462941	Cape Chunak, AK	7/31/2014	30 days	2941 A 2014	yes	2014	BBDN08	5/17/2014	0	n/a
9464961	CAPE CONSTANTINE, NUSHAGAK PENINSULA	7/31/1986	30 days	4961 K 1986	yes	n/a	n/a	n/a	n/a	n/a
9465988	Cape Corwin GPS Tide Buoy AK	8/31/2019	30 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9490096	Cape Espenberg, Kotzebue Sound	7/31/2015	30 days	0096 A 2015	yes	2015, 2015	BBDX45	8/2/2015	0	n/a
9454329	Cape Hichinbrook	8/13/1984	30 days	NO 3 1972	yes	n/a	n/a	n/a	n/a	n/a
9455711	Cape Kasilof	8/17/1999	29 days	4 1974	yes	n/a	n/a	n/a	n/a	n/a
9490571	Cape Krusenstern	9/30/2011	60 days	0571 A 2011	yes	2011	BBCK40	6/30/2011	0	-0.959
9465137	CAPE PEIRCE, WEST SIDE AK	8/31/2019	30 days	5137 B 1991	no	2019	BBGQ42	9/24/2019	0	-0.107
9462787	Cape Sarichef, Unimak Island	7/31/2007	30 days	NO 1 1939	yes	n/a	n/a	n/a	n/a	n/a
9465601	Carter Bay, Kuskokwim Bay	8/31/2011	91 days	5601 A 2011	yes	2011	BBCK45	5/27/2011	0	0.4
9458907	Castle Bay	7/31/2001	30 days	8907 B 2001	yes	n/a	n/a	n/a	n/a	n/a
9458849	Chankliut Island	7/31/2001	30 days	8849 B 1997	yes	n/a	n/a	n/a	n/a	n/a
9454777	CHENEGA ISLAND (S.W. END)	10/29/1996	56 days	NO 1 1957	yes	n/a	n/a	n/a	n/a	n/a
9458917	CHIGNIK, ANCHORAGE BAY	7/31/1996	30 days	S-1066 ATS 63 COR 4 WCMC S- 2149	yes	2015, 2017, 2019	BBDW14	5/13/2015	19	n/a
9452421	CHILKAT INLET	6/14/1998	30 days	2421 E 1998	no	2015	BBDX54	6/28/2015	17	1.348
9452421	CHILKAT INLET	6/14/1998	30 days	2421 D 1998	no	2015	BBDX55	6/28/2015	17	1.402
9455735	CHINULNA POINT, COOK INLET	6/30/1995	29 days	4 1974	yes	n/a	n/a	n/a	n/a	n/a
9458293	Chirikof Island	8/31/2006	91 days	8293 D 2006	yes	2006	BBBG99	9/3/2006	0	0.497
9458519	Chowiet island	7/31/2001	30 days	8519 B 2001	yes	2001	BBFM57	6/3/2001	0	0.419
9465261	CLARKS POINT, NUSHAGAK BAY	7/31/2012	60 days	CLARK 1947 AZIMUTH	no	2012	UV7281	5/19/2012	0	2.295
9455558	COAL POINT	11/30/2018	90 days	5558 C 2018	yes	2018, 2018	BBGD31	12/7/2018	0	1.545
9455558	COAL POINT	11/30/2018	90 days	C 103 1965	no	2016, 2018, 2018	TT0175	12/7/2018	0	1.577
9454851	COCHRANE BAY, PR. WILLIAM SOUND	9/30/1995	29 days	4851 B 1995	yes	n/a	n/a	n/a	n/a	n/a
9459949	Cold Bay	9/23/2013	30 days	9949 D 2013	yes	n/a	n/a	n/a	n/a	n/a
9454460	Columbia Glacier	9/30/2005	29 days	4460 A 2005	yes	n/a	n/a	n/a	n/a	n/a
9454050	Cordova	12/31/2001	FULL EPOCH	4050 H 1982	no	2017, 2020	BBFS17	6/22/2017	25	0.587
9454050	Cordova	12/31/2001	FULL EPOCH	NO 13 1970	no	2006, 2011, 2017	BBBD28	4/18/2006	14	0.638
9452346	Cove Point	5/31/1999	30 days	2346 D 1998	no	2013	BBDF44	8/8/2013	14	0.97
9450551	CRAIG	6/30/2007	60 days	0551 D 2007	no	2007	BBBG32	4/15/2007	0	0.257

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9450551	CRAIG	6/30/2007	60 days	0551 A 2007	yes	2017	BBFP37	3/27/2017	10	0.347
9455159	CRATER BAY, HARRIS BAY	10/31/2000	91 days	9455159 B 2000	yes	n/a	n/a	n/a	n/a	n/a
9450296	Custom House Cove, Mary Island	5/12/2010	29 days	0296 A 2010	yes	2010	BBBW71	4/13/2010	0	1.215
9466931	Dall Point	8/31/2007	61 days	6931 B 2007	no	2007, 2013, 2015	BBBF18	6/7/2007	0	-0.703
9466931	Dall Point	8/31/2007	61 days	6931 D 2007	no	2015	BBFB77	8/24/2015	8	-0.628
9466931	Dall Point	8/31/2007	61 days	6931 C 2007	no	2015	BBFB76	8/24/2015	8	-0.622
9469751	Deering	8/31/2011	61 days	9751 A 2011	yes	2011	BBCK37	6/25/2011	0	-0.896
9459758	Dolgoi Harbor, Dolgoi Island	7/31/2005	91 days	9758 A 2005	yes	2005	BBBH45	4/30/2005	0	n/a
9451376	Dorothy Cove	7/22/2007	94 days	1376 A 2007	yes	n/a	n/a	n/a	n/a	n/a
9450998	Dry Pass, EL Capitan Passage	7/31/2012	30 days	TIDAL 3	no	2012, 2017	BBCV62	6/8/2012	0	0.459
9450286	Dunbar Inlet GPS Tide Buoy	6/5/2016	29 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9466012	Eastern Nunivak Island	8/31/2016	61 days	6012 A 2016	yes	2016	BBFG52	6/6/2016	0	0.197
9450997	EL Capitan Passage	7/31/2012	30 days	LYN	no	2012, 2017	BBCV41	6/7/2012	0	0.391
9452634	Elfin Cove	4/30/2018	12 years	2634 F 2005	no	2006, 2009, 2011, 2013, 2014, 2017, 2017	BBBB67	7/24/2011	-1	0.305
9468863	ELIM, NORTON BAY AK	9/30/2012	29 days	8863 J 2012	no	2015	BBFB43	8/23/2015	3	-0.787
9468863	ELIM, NORTON BAY AK	9/30/2012	29 days	BM 8863 B RESET 2001	no	2001, 2015	DF3658	8/23/2015	3	-0.782
9468863	ELIM, NORTON BAY AK	9/30/2012	29 days	ELI TIDAL GPS 2001	no	2001, 2012, 2013, 2015, 2019	DF3657	7/7/2012	0	-0.794
9467701	Emmonak	8/31/2019	61 days	7701 B 2019	no	2019	BBGM79	6/6/2019	0	-1.929
9451438	Entrance Island	5/31/2006	30 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9450251	Entrance to Windy Cove	6/15/2016	29 days	0251-A 2016	yes	2016	BBFG38	5/7/2016	0	0.747
9452437	EXCURSION INLET (SOUTH END)	6/7/1999	29 days	EXCURSION INLET SO. END 5 1964	yes	n/a	n/a	n/a	n/a	n/a
9452328	False Bay, Chatham Strait	9/30/2007	152 days	2328 C 1984	no	2007	BBBG34	4/10/2007	0	n/a
9462955	False Pass, Unimak Island	8/31/2014	91 days	2955 B 2013	no	2013, 2014	BBDN10	5/22/2014	0	-0.124
9462955	False Pass, Unimak Island	8/31/2014	91 days	1 23	yes	2013, 2017	BBFQ93	5/18/2013	-1	-0.111
9455912	Fire Island, Cook Inlet	8/31/2001	91 days	BM 13 1974	no	2013	BBDG04	6/13/2013	12	3.052
9457726	Geese Island GPS Tide Buoy	7/27/2016	29 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9451421	Golf Island	6/26/2003	48 days	NO 21 1966	yes	n/a	n/a	n/a	n/a	n/a
9451909	GOOD ISLAND, GAMBIER BAY	5/10/1995	29 days	1909 A 1995	yes	n/a	n/a	n/a	n/a	n/a
9469833	Goodhope Bay	8/31/2015	61 days	9833 A 2015	yes	2015, 2015	BBDX07	6/20/2015	0	n/a
9455963	Goose Creek, Cook Inlet	8/1/2013	29 days	5963 A 2013	yes	2013	BBDG16	6/5/2013	0	3.518

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9462705	Green Bight	7/31/2013	30 days	2705 E 2013	yes	2013	BBDC39	5/20/2013	0	0.173
9454751	Guguak	9/12/2002	36 days	4751 A 2002	n/a	n/a	n/a	n/a	n/a	n/a
9452294	Hawk Inlet	5/31/1999	30 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9466153	Helmick Point	8/31/2010	61 days	6153 A 2010	yes	2010	BBCC55	6/6/2010	0	0.027
9459163	Herendeen Island, Shumagin Islands	7/31/2009	30 days	HORCON	no	2009	BBBK57	6/23/2009	0	0.267
9454691	HERRING POINT, KNIGHT ISLAND, PR WIL SND	9/30/1998	2 years	4691 B 1978	yes	n/a	n/a	n/a	n/a	n/a
9452067	HOLKHAM BAY, STEPHENS PASSAGE	6/23/1997	29 days	TIDAL 1 1973	yes	n/a	n/a	n/a	n/a	n/a
9450544	Hollis Anchorage, Kasaan Bay	8/31/2002	61 days	n/a	yes	n/a	n/a	n/a	n/a	n/a
9452438	Hoonah, Port Fredrick	11/30/2009	29 days	2438 A 2009	yes	2009	BBBQ31	10/31/2009	0	1.082
9458964	Hump Island, Kuiu Bay	8/11/2003	33 days	8964 A 2003	n/a	n/a	n/a	n/a	n/a	n/a
9450364	Hydaburg, Sukkwan Strait	11/9/2008	32 days	945 0364 A 2008	no	2008	BBCM84	10/8/2008	0	0.799
9469626	Ikpek Lagoon	10/3/2003	16 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9462961	ISANOTSKI STRAIT ENTRANCE	8/31/2014	91 days	2961 A 2014	yes	2014	BBDN11	5/21/2014	0	0.249
9457634	Japanese Bay, Kodiak Island	7/31/2014	60 days	7634 D 2014	yes	2014	BBDQ89	5/14/2014	0	0.174
9452210	Juneau	12/31/2016	FULL EPOCH	2200 M 2017	no	2017, 2018, 2019, 2020	BBFQ10	4/30/2017	3	1.119
9451528	Kake Harbor, Keku Strait	12/8/2009	29 days	1528 E 2009	no	2009, 2016	BBBQ32	11/8/2009	0	0.882
9455732	KALIGAN ISLAND (NORTH END), COOK INLET	8/17/1999	29 days	5732 B 1999	yes	n/a	n/a	n/a	n/a	n/a
9450581	Kasaan Bay	8/31/2002	61 days	KASAAN NO 7 1963	no	2018	BBGC40	6/20/2018	16	1.025
9455517	Kasitsna Bay, Kachemak Bay	8/31/2008	30 days	No Stamping (TIDAL 6)	yes	2016	BBFH92	9/16/2016	8	1.546
9468261	Kavalghak Bay, AK AK	8/31/2019	61 days	8261 A 2019	yes	2019	BBGM57	6/20/2019	0	-0.2
9468261	Kavalghak Bay, AK AK	8/31/2019	61 days	8261 E 2019	no	2019	BBGM58	6/20/2019	0	-0.234
9450460	Ketchikan	12/31/2001	FULL EPOCH	NO 37 1956	no	2005, 2006, 2011, 2015, 2015, 2016, 2020	AI4914	4/20/2005	13	1.135
9450460	Ketchikan	12/31/2001	FULL EPOCH	0460 F 2004	no	2020	BBGW09	5/21/2020	28	1.119
9465953	Kinak Bay	8/31/2016	61 days	5953 A 2016	yes	2016	BBFG53	6/11/2016	0	0.435
9459881	King Cove	10/31/2019	13 years	Terra Surveys KCH-1 1998	no	2006, 2011, 2015, 2019, 2020	BBBD25	5/26/2011	-2	0.163
9459881	King Cove	10/31/2019	13 years	BNH-3 2010	no	2020	BBGY55	7/15/2020	7	5.442
9454951	KINGS BAY INSIDE, PRINCE WILLIAM SOUND	10/22/1997	42 days	4951 A 1997	yes	n/a	n/a	n/a	n/a	n/a

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9491253	Kivalina	9/30/1986	364 days	No Stamping	yes	2003	BBBH52	10/5/2003	18	-0.794
9491247	Kivalina Lagoon	9/27/2003	21 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9457292	Kodiak Island	12/31/2016	FULL EPOCH	7292 A 2003	no	2008, 2014, 2015, 2016, 2016, 2017	BBY46	8/16/2014	0	0.224
9457292	Kodiak Island	12/31/2016	FULL EPOCH	No Stamping (KODIAK MON 7278)	no	2008, 2009, 2010, 2014, 2015	TT4632	8/14/2014	0	0.283
9457292	Kodiak Island	12/31/2016	FULL EPOCH	POWER HO 116.653 1945 USN	no	2020	BBGW56	7/5/2020	6	0.111
9457283	KODIAK, ST PAULS HARBOR	9/30/1984	2 years	NO 16 1964	no	2011, 2012, 2014, 2015	BBCK29	7/9/2011	28	-0.001
9490424	Kotzebue	9/30/2015	91 days	0424 K 2003	no	2003, 2011	BBBH54	8/9/2011	-4	-1.005
9490424	Kotzebue	9/30/2015	91 days	0424 N 2015	no	2015	BBDY64	10/1/2015	0	-1.002
9469031	Koyuk	9/12/2020	29 days	9031 A 2020	yes	2020, 2020	BBGY59	8/13/2020	0	-0.842
9469031	Koyuk	9/12/2020	29 days	9031 B 2020	no	2020, 2020	BBGY60	8/13/2020	0	-0.843
9450913	Kuiu Island, Affleck Canal	5/31/2005	25 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9458819	KUJULIK BAY (NORTH SHORE)	6/30/1996	29 days	n/a	yes	n/a	n/a	n/a	n/a	n/a
9465265	KULUKAK POINT AK	8/31/2019	30 days	5265 D 1985	no	2019	BBGN52	9/3/2019	0	0.622
9467124	Kun River AK	9/30/2020	426 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9465911	Kwigillinok AK	8/31/2019	61 days	5911 A 2019	yes	2019, 2019	BBGM54	6/6/2019	0	0.279
9465911	Kwigillinok AK	8/31/2019	61 days	5911 B 2019	yes	2019, 2019	BBGM53	6/5/2019	0	0.257
9469982	Lagoon at 165 West	9/21/2003	7 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9457724	Larsen Bay, Kodiak Island, AK	9/15/2009	31 days	7724 D 2009	no	2009, 2015, 2020	BBBL07	8/14/2009	0	1.091
9454713	Latouche	8/31/2002	30 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9451422	LECONTE BAY	6/20/1997	30 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9465419	LEVELOCK, KVICHAK RIVER AK	9/30/2019	60 days	5419 C 2019	no	2019	BBGN75	7/7/2019	0	-1.446
9465419	LEVELOCK, KVICHAK RIVER AK	9/30/2019	60 days	5419 E 2019	no	2019	BBGN74	7/7/2019	0	-1.44
9450625	Lindeman Cove	9/8/2002	32 days	0625 C 2002	yes	n/a	n/a	n/a	n/a	n/a
9466328	Lomavik	8/31/2010	61 days	6328 B 2010	no	2010	BBBZ38	5/30/2010	0	-0.558
9469460	Lopp Lagoon West	9/19/2003	10 days	946 9460 A	yes	2003	BBBH55	9/10/2003	0	n/a
9469338	LOST RIVER, SEWARD PENINSULA	8/31/2005	37 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9454642	LOUIS BAY	9/30/1998	60 days	4642 A 1978	yes	n/a	n/a	n/a	n/a	n/a
9454674	Macleod Harbor	10/25/2000	32 days	4674 A 1978	yes	n/a	n/a	n/a	n/a	n/a
9451152	Madan Bay	4/21/2005	37 days	0577 B 2005	yes	n/a	n/a	n/a	n/a	n/a

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9450753	Magnetic Point, Union Bay, Earnest Sound	5/31/2009	30 days	VIXEN HBR 2009	no	2009	BBBK46	5/20/2009	0	1.274
9466217	Mekoryuk, Mekoryuk River Entrance	9/30/2010	91 days	6217 C 2010	no	2010, 2010	BBBZ39	7/1/2010	0	0.159
9466217	Mekoryuk, Mekoryuk River Entrance	9/30/2010	91 days	TIDE 1951	yes	2018	BBFZ51	6/18/2018	8	0.185
9464075	Meshik, Port Heiden	10/11/2013	29 days	4075 B 2013	yes	2013	BBDG96	9/7/2013	0	0.905
9450314	Metlakatla, Port Chester, AK	12/11/2009	29 days	0314 A 2009	no	2009	BBBQ42	11/12/2009	0	1.134
9450314	Metlakatla, Port Chester, AK	12/11/2009	29 days	BM 11 1969	yes	2016	BBFF94	5/26/2016	7	1.174
9459016	Mitrofanía Island	8/31/2004	122 days	9016 E 2004	yes	2006	BBBH57	5/1/2006	2	0.274
9454616	Montague Island	9/30/1999	29 days	4616 A 1999	yes	n/a	n/a	n/a	n/a	n/a
9451247	Monte Carlo Island	8/31/2007	30 days	5 1937	no	2007	BBBG77	7/27/2007	0	0.62
9453443	Moraine Bay	6/30/2002	29 days	3443 F 2002	yes	n/a	n/a	n/a	n/a	n/a
9451409	MOUNTAIN POINT	10/31/1978	30 days	No Stamping 1	yes	n/a	n/a	n/a	n/a	n/a
9457407	Nachalni Island	6/30/2014	29 days	BM 2 1941	yes	2014	BBDP28	5/1/2014	0	1.126
9458779	NAKCHAMIK ISLAND, CHIGNIK BAY	7/26/1996	52 days	8779 A 1996	yes	n/a	n/a	n/a	n/a	n/a
9465203	Naknek AK	9/3/2019	33 days	5203 C 2019	no	2019	BBGN16	7/14/2019	0	1.384
9465203	Naknek AK	9/3/2019	33 days	5203 D 2019	no	2019, 2020	BBGN15	7/15/2019	0	1.369
9465203	Naknek AK	9/3/2019	33 days	5203 E 2019	no	2019, 2020	BBGN17	7/15/2019	0	1.38
9465283	NE SIDE SUMMIT ISLAND, TOGIK BAY A	7/31/1988	60 days	5283 D 1986	yes	n/a	n/a	n/a	n/a	n/a
9466298	Nelson Island, Tooksook Bay	8/31/2016	61 days	6298 C 2010	yes	2010, 2010, 2015, 2016	BBBZ36	6/13/2016	0	0.485
9462948	NEUMANS COVE	8/31/2014	91 days	2948 A 2014	no	2014	BBDN09	5/15/2014	0	-0.058
9455760	Nikiski	6/30/2017	5 years	5760 L 1983	yes	2006, 2009, 2010, 2011, 2012, 2013, 2015, 2016, 2017, 2020	BBBB48	7/21/2015	1	2.191
9455760	Nikiski	6/30/2017	5 years	5760 N 1983	no	2016	AB7148	9/12/2016	2	2.212
9462450	Nikolski	12/31/2018	9 years	2450 ASTRO	no	2006, 2011, 2016, 2017	UV9037	8/31/2011	-2	0.153
9462450	Nikolski	12/31/2018	9 years	2450 SAR 1925	no	2006, 2011, 2017	UV9052	8/30/2011	-2	0.162
9462450	Nikolski	12/31/2018	9 years	2450 G 2006	no	2016	BBFM14	6/1/2016	2	0.16
9462450	Nikolski	12/31/2018	9 years	2450 B 2006	no	2016	BBFM11	6/2/2016	2	0.171
9462450	Nikolski	12/31/2018	9 years	2450 E 2006	no	2016, 2017	BBFM12	6/21/2017	4	0.173
9462450	Nikolski	12/31/2018	9 years	2450 F 2006	yes	2016	BBFM08	6/1/2016	2	0.187

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9462450	Nikolski	12/31/2018	9 years	2450 H 2006	no	2016	BBFM13	5/31/2016	2	0.189
9462450	Nikolski	12/31/2018	9 years	2450 D 2006	no	2017	BBFS16	6/21/2017	4	0.192
9462450	Nikolski	12/31/2018	9 years	2450 C 2006	no	2017	BBFS21	6/24/2017	4	0.397
9455653	Ninilchik, Cook Inlet AK	9/30/2011	29 days	5653 G 2011	no	2016	BBFH77	9/10/2016	5	1.887
9455653	Ninilchik, Cook Inlet AK	9/30/2011	29 days	5653 F 2011	no	2011, 2016	BBCM32	8/31/2011	0	1.896
9468756	Nome, Norton Sound	9/30/2018	16 years	KMJV-1 2006	no	2015, 2016	BBFB36	8/17/2015	7	-0.817
9468756	Nome, Norton Sound	9/30/2018	16 years	88756 P 2016	no	2016	BBFM02	6/28/2016	8	-0.796
9468756	Nome, Norton Sound	9/30/2018	16 years	BM H	yes	2015, 2016	BBFB37	8/17/2015	7	-0.789
9455869	North Foreland	8/31/1999	91 days	5869 H 1998	yes	2008	BBBF25	6/12/2008	9	-0.149
9468039	Northeast Cape, St. Lawrence Island	9/30/2011	91 days	8039 A 2011	yes	2011	BBCK59	6/20/2011	0	-0.484
9450642	Northern Carroll Inlet GPS Tide Buoy	6/13/2016	29 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9450711	Nossuk Bay	6/30/2007	29 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9456717	NUKSHAK ISLAND, SHELIKOF STRAIT	6/30/2000	29 days	NO 3 1971	yes	n/a	n/a	n/a	n/a	n/a
9467551	Nunam Iqua (Sheldon Point)	9/30/2011	91 days	7551 C 2011	yes	2011, 2015	BBCK30	6/16/2011	0	-1.176
9467551	Nunam Iqua (Sheldon Point)	9/30/2011	91 days	7551 B 2011	no	2015	BBFB63	8/22/2015	4	-1.157
9467551	Nunam Iqua (Sheldon Point)	9/30/2011	91 days	7551 E 2011	no	2015	BBFB64	8/22/2015	4	-1.154
9457527	OLD HARBOR, KODIAK ISLAND	9/20/2009	29 days	7527 E 2009	yes	2009	BBBL05	8/23/2009	0	0.309
9469515	Outside Lopp Lagoon	7/28/2015	29 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9457287	Ouzinkie, Spruce Island	8/5/2009	29 days	7287 A 2009	no	2009, 2015, 2020	BBBL12	7/8/2009	0	0.386
9451346	Papke's Landing	9/8/2003	35 days	1346 C 2003	no	2018	BBFZ17	5/7/2018	15	0.969
9451346	Papke's Landing	9/8/2003	35 days	1346 E 2003	yes	2008	BBBC61	5/4/2008	5	1.112
9452611	Pelican Harbor, Lisianski Inlet, AK	12/4/2009	29 days	2611 J 2009	no	2009	BBBQ33	11/3/2009	0	0.144
9454561	Perch Point	10/26/2000	43 days	4561 A 2000	yes	n/a	n/a	n/a	n/a	n/a
9454721	PERRY ISLAND (SOUTH BAY)	10/31/1995	60 days	No. 4 1966	yes	n/a	n/a	n/a	n/a	n/a
9465396	Platinum, AK	7/31/2007	30 days	5396 A 2007	yes	2007	BBDS93	6/2/2007	0	0.228
9454814	Point Erlington, Erlington Island	7/31/2002	30 days	4814 E 2000	yes	n/a	n/a	n/a	n/a	n/a
9451005	POINT HARRINGTON, CLARENCE STRAIT	4/30/2000	29 days	1005 A 2000	yes	n/a	n/a	n/a	n/a	n/a
9454671	POINT HELEN, KNIGHT ISLAND	10/21/1996	47 days	4671 A 1996	yes	n/a	n/a	n/a	n/a	n/a
9491873	Point Hope	8/4/2004	29 days	POINT HOPE 1950	yes	2003, 2014, 2014, 2014	UW4742	9/20/2003	-1	-0.94
9493300	Point Lay, AK	9/30/2008	60 days	3300 B 2008	yes	2008	BBBG54	7/23/2008	0	-1.551

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9451263	Point Lockwood	9/8/2003	37 days	NO 1 1925	no	2018	BBFZ11	5/7/2018	15	0.84
9455866	Point Possession	8/31/2008	29 days	5866 D 1999	yes	2008	BBBF49	7/12/2008	0	2.88
9469237	Point Spencer, Port Clarence	9/1/2010	43 days	9237 A 2005	no	2010	BBCC44	7/18/2010	0	-0.768
9466057	Popokamute (Kokokamute), Kuskokwim River	8/31/2011	61 days	6057 C 2010	no	2010, 2011	BBCC54	6/9/2011	0	0.2
9451054	Port Alexander	5/31/2019	11 years	no stamping (945 1054 TIDAL 1)	yes	2013, 2016, 2016, 2017, 2017, 2017	BBDC38	6/1/2013	0	0.37
9454673	PORT AUDREY	8/31/1998	30 days	NO 7 1966	yes	n/a	n/a	n/a	n/a	n/a
9454511	Port Chalmers	9/30/1999	29 days	4511 D 1998	yes	n/a	n/a	n/a	n/a	n/a
9455437	Port Graham	6/30/1980	29 days	BM 5 1973	no	2009	BBBK99	8/15/2009	29	n/a
9457391	Port Lions, AK	8/5/2009	29 days	7391 C 2009	yes	2009, 2020	BBBL13	7/13/2009	0	0.408
9455934	Port Mackenzie	8/31/2001	91 days	5934 F 2001	no	2016	BBFH54	8/24/2016	15	3.351
9463502	Port Moller	8/31/2016	9 years	no stamping (946 3502 H TIDAL)	no	2006, 2011, 2016, 2020	BBBH47	9/20/2011	0	1.03
9463502	Port Moller	8/31/2016	9 years	946 3502 B TIDAL	yes	2020	BBGZ66	10/6/2020		0.961
9465056	PROTECTION POINT, NUSHAGAK BAY	7/31/2012	60 days	5056 A 2012	no	2012	BBCT76	5/22/2012	0	1.869
9451936	Provoroetni Island	4/30/2002	29 days	NO 2 1952	yes	n/a	n/a	n/a	n/a	n/a
9497645	Prudhoe Bay	6/30/2011	18 years	no stamping (949 7645 WINDSOCK RESET 2016)	no	2006, 2011, 2015, 2015, 2016	BBBD22	7/11/2006	4	-0.971
9497645	Prudhoe Bay	6/30/2011	18 years	no stamping (949 7645 BOLLARD ARM)	no	2016, 2017	BBFH06	8/6/2016	14	-0.925
9458209	Puale Bay	6/30/2001	29 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9465831	Quinhagak (Kwinak), Kuskokwim River	9/30/2010	121 days	5831 E 2010	no	2010, 2010, 2011	BBCC59	9/7/2010	0	0.659
9450815	Ratz Harbor	5/14/2001	24 days	0815 C 2001	no	2019	BBGN71	7/19/2019	18	2.385
9451467	Red Bluff Bay, Baranof Island	6/28/2013	29 days	A 1926	yes	n/a	n/a	n/a	n/a	n/a
9491094	Red Dog Dock	1/31/2020	14 years	1094 B 2003	no	2006, 2011, 2016	BBBD23	7/10/2011	-1	-0.849
9462662	Reef Bight	7/31/2007	60 days	2662 A 2007	yes	2007	BBBG33	5/30/2007	0	-0.07
9451124	REEF POINT, STIKINE STRAIT	4/26/2000	30 days	1124 B 2000	yes	n/a	n/a	n/a	n/a	n/a
9462723	Rootok Island	7/31/2012	30 days	2723 B 2012	yes	2012	BBCT67	6/7/2012	0	0.106
9451497	Saginaw Bay, Kuiu Island	4/14/1989	30 days	NO 1 1967	yes	n/a	n/a	n/a	n/a	n/a
9450495	Saltery Cove	8/31/2003	30 days	NO 5 1958	yes	n/a	n/a	n/a	n/a	n/a
9459450	Sand Point	12/31/2001	FULL EPOCH	9450 R 1991	yes	2014, 2020, 2020	DP6875	5/23/2014	22	0.293

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9459450	Sand Point	12/31/2001	FULL EPOCH	1293-1 1984	no	2006, 2011, 2014, 2015, 2019, 2020, 2020	BBBB50	4/4/2006	14	0.298
9459450	Sand Point	12/31/2001	FULL EPOCH	945 9450 U	no	2014, 2020	DP6876	9/4/2014	22	0.301
9459450	Sand Point	12/31/2001	FULL EPOCH	9450 V 1992	no	2020	BBGY78	7/8/2020	28	0.278
9459450	Sand Point	12/31/2001	FULL EPOCH	9450 S 1991	no	2020	BBGX48	7/11/2020	28	0.281
9468258	Savoonga	9/30/2011	91 days	8258 A 2011	yes	2011	BBCN78	6/24/2011	0	-0.482
9462808	Scotch Cap, Unimak Island, AK	8/31/2009	122 days	4 1938	no	2009	BBBH99	4/27/2009	0	0.373
9451805	Scraggy Island	5/31/2004	30 days	1805 A 2002	yes	n/a	n/a	n/a	n/a	n/a
9462786	SE Tigalda Island, Pacific Ocean	7/31/2013	60 days	2786 A 2013	no	2013	BBDC13	5/27/2013	0	0.098
9454564	SEAL ISLAND	9/30/1998	29 days	4564 B 1998	yes	n/a	n/a	n/a	n/a	n/a
9451454	Security Bay GPS Buoy	2/28/2015	27 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9455500	Seldovia	12/31/2016	FULL EPOCH	945 5500 G 2014	no	2019	BBGM75	7/15/2019	5	1.573
9451853	Sergius Narrows	5/25/2002	52 days	SHOAL 2 NO 2 1950	yes	n/a	n/a	n/a	n/a	n/a
9455090	Seward	12/31/2001	FULL EPOCH	5090 P 2009	no	2017	BBFT30	10/3/2017	25	0.057
9455090	Seward	12/31/2001	FULL EPOCH	5090 B 1978	yes	2016	BBFH75	8/30/2016	24	0.07
9455090	Seward	12/31/2001	FULL EPOCH	5090 E 1982	no	2016, 2017	DQ3873	9/4/2016	24	0.101
9455090	Seward	12/31/2001	FULL EPOCH	5090 L 2003	no	2011, 2016	BBCK09	6/24/2011	19	0.105
9455090	Seward	12/31/2001	FULL EPOCH	NO 19 1966	no	2006	BBBB43	3/21/2006	14	0.169
9450987	SHAKAN STRAIT (NORTHEAST END)	5/31/1998	30 days	1 1955	yes	2017	BBFP35	3/30/2017	19	0.454
9468691	Shaktoolik	8/23/2010	39 days	8691 C 2010	no	2015	BBFB35	9/9/2015	5	-0.715
9468691	Shaktoolik	8/23/2010	39 days	8691 A 2010	yes	2010	BBBZ37	7/16/2010	0	-0.714
9468691	Shaktoolik	8/23/2010	39 days	8691 E 2010	no	2015	BBFB33	9/9/2015	5	-0.708
9468691	Shaktoolik	8/23/2010	39 days	8691 D 2010	no	2015	BBFB34	9/9/2015	5	-0.697
9450618	Shinaku Inlet	11/8/2008	28 days	945 0618 A 2008	yes	n/a	n/a	n/a	n/a	n/a
9469854	Shishmaref Inlet 2	9/30/2003	29 days	no stamping (946 9854 B)	yes	2003	BBBH56	9/20/2003	0	-0.756
9469804	Shishmaref Inlet Inside	9/20/2003	8 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9451600	Sitka	12/31/2001	FULL EPOCH	1600 P 1998	no	2016	BBFF16	3/20/2016	24	0.14
9451600	Sitka	12/31/2001	FULL EPOCH	1600 N 1997	no	2006, 2011, 2017	BBBB42	6/1/2006	14	0.15
9457512	Sitkalidak Island GPS Tide Buoy	7/25/2016	29 days	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9452400	Skagway, Taiya Inlet	12/31/2016	FULL EPOCH	2400 L 2012	no	2012, 2014, 2017, 2017	BBCT97	6/20/2014	0	1.441

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9465374	Snag Point, Dillingham	7/31/2012	60 days	5374 B 2007	yes	2007, 2012, 2020	BBBF17	5/15/2012	0	1.954
9454662	Snug Harbor	9/30/1999	29 days	4662 B 1998	yes	n/a	n/a	n/a	n/a	n/a
9454652	SOUTH ARM, KNIGHT ISLAND, BAY OF ISLES	9/30/1998	29 days	4652 B 1998	yes	n/a	n/a	n/a	n/a	n/a
9450578	Steamboat Bay	5/22/2006	24 days	0578 C 2006	n/a	n/a	n/a	n/a	n/a	n/a
9468151	STEBBINS, NORTON SOUND, EAST AK	8/31/2020	61 days	8151 F 2020	yes	2020, 2020	BBGW93	6/28/2020	0	-0.637
9468151	STEBBINS, NORTON SOUND, EAST AK	8/31/2020	61 days	8151 H 2020	no	2020, 2020	BBGW94	6/28/2020	0	-0.658
9462711	Surf Bay, Akutan Bay	8/31/2011	30 days	2711 A 2011	yes	2011	BBCL54	7/17/2011	0	-0.051
9457493	SW Terror Bay	9/30/2014	29 days	7493 C 2014	yes	2014	BBDR11	8/30/2014	0	1.19
9452368	SWANSON HARBOR	10/31/1986	30 days	4 1959	yes	n/a	n/a	n/a	n/a	n/a
9452434	TAIYASANKA HARBOR	5/27/1998	29 days	2434 C 1998	yes	n/a	n/a	n/a	n/a	n/a
9456992	TAKLI ISLAND, SHELIKOF STRAIT	8/31/1980	91 days	TIDAL 1	yes	2019	BBGP55	8/10/2019	39	0.851
9452123	TAKU HARBOR	5/31/1997	30 days	n/a	yes	n/a	n/a	n/a	n/a	n/a
9451953	Target Island, Mitchell Bay	9/2/2007	29 days	1953 B 2007	yes	2007	BBBF91	8/2/2007	0	n/a
9452749	Tarr Inlet, Glacier Bay	11/7/2009	29 days	9452749 B 2009	no	2009	BBBN62	10/9/2009	0	1.317
9469239	TELLER, PORT CLARENCE	8/31/2005	30 days	9239 A 2005	yes	2005	BBBH58	9/2/2005	0	-0.792
9451785	THE BROTHERS, STEPHENS PASSAGE	5/16/1995	29 days	1785 A 1993	yes	n/a	n/a	n/a	n/a	n/a
9451349	The Summit	8/31/2007	30 days	1349 S 2006	no	2018	BBFZ08	5/2/2018	11	0.99
9451349	The Summit	8/31/2007	30 days	1 1929	yes	2007, 2009	BBBG28	7/30/2007	0	1.024
9450970	Thoms Point	5/6/2001	29 days	0970 E 2001	yes	n/a	n/a	n/a	n/a	n/a
9450938	Thorne Island	5/14/2001	25 days	BM 1 1967	yes	n/a	n/a	n/a	n/a	n/a
9462782	Tigalda Bay, Tigalda Island	6/30/2010	29 days	No 3	no	2010, 2012	BBCD10	5/22/2010	0	-0.334
9469439	Tin City, Bering Sea	9/30/2007	29 days	TIN CITY NO 2 1960	yes	2010	BBCC46	7/20/2010	3	-0.81
9469439	Tin City, Bering Sea	9/30/2007	29 days	9439 D 2007	no	2007	BBBG46	6/25/2007	0	-0.809
9462721	Trident Bay, Akun Island	8/31/2011	30 days	2721 A 2011	no	2011, 2012	BBCL02	7/12/2011	0	-0.022
9450463	Trocadero Bay	5/31/2009	30 days	9450463-C 2009	yes	2009	BBBJ74	4/29/2009	0	0.346
9451434	Turn Point	5/27/2006	42 days	1434 C 2006	no	2017	BBFV47	12/13/2017	12	1.007
9451434	Turn Point	5/27/2006	42 days	1434 A 2006	yes	2008	BBBC62	5/4/2008	2	1.058
9468333	Unalakleet	4/30/2018	364 days	8333 H 2011	yes	2011, 2013, 2015, 2016, 2017, 2018	BBCK34	11/18/2016	-1	-0.819
9468333	Unalakleet	4/30/2018	364 days	8333 E 2011	no	2013, 2015	BBDH09	9/8/2015	-2	-0.813

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9468333	Unalakleet	4/30/2018	364 days	8333 G 2011	no	2013	BBDH10	8/3/2013	-4	-0.803
9468333	Unalakleet	4/30/2018	364 days	UNK A	no	2010, 2013	DM4448	8/3/2013	-4	-0.798
9468333	Unalakleet	4/30/2018	364 days	UNK B	no	2010, 2013	DM4449	8/1/2013	-4	-0.814
9462620	Unalaska	12/31/2001	5 years	2620 M 1992	no	2017	BBFP54	4/11/2017	18	-0.096
9462620	Unalaska	12/31/2001	5 years	2620 P 1997	no	2017	BBFR66	6/14/2017	18	-0.084
9462620	Unalaska	12/31/2001	5 years	NO 19 1973	no	2006, 2011, 2014, 2016, 2017, 2017, 2019	BBBB51	6/18/2006	7	-0.083
9462620	Unalaska	12/31/2001	5 years	NO 10 1948	no	2017	BBFR77	6/15/2017	18	-0.06
9462620	Unalaska	12/31/2001	5 years	NO 7 1956	yes	2017	BBFR76	6/15/2017	18	-0.042
9458762	UNAVIKSHAK ISLAND	8/27/1997	48 days	8762 A 1997	yes	n/a	n/a	n/a	n/a	n/a
9455204	UPPER NORTHWESTERN FIORD	8/31/2000	30 days	9455204 A 2000	yes	n/a	n/a	n/a	n/a	n/a
9457376	Uzkosti Point	6/30/2014	29 days	7376 A 2014	yes	2014	BBDP10	5/7/2014	0	-1.537
9454240	Valdez	12/31/2001	FULL EPOCH	4240 L 1978	no	2018	BBGD84	8/24/2018	26	0.352
9454240	Valdez	12/31/2001	FULL EPOCH	4240 K 1977	no	2017, 2018	BBFQ80	5/30/2017	25	0.376
9454240	Valdez	12/31/2001	FULL EPOCH	4240 T 2000	no	2006, 2008, 2011, 2016	BBBB44	6/8/2006	14	0.401
9454240	Valdez	12/31/2001	FULL EPOCH	NO 21 1966	yes	2017	BBFQ81	5/29/2017	25	0.404
9464212	Village Cove, St Paul Island	12/31/2017	9 years	4212 T 2008	no	2019, 2020	BBGP54	8/29/2019	7	-0.179
9464212	Village Cove, St Paul Island	12/31/2017	9 years	4212 P 2002	no	2006, 2011, 2015, 2016, 2019, 2020	BBBH46	10/21/2011	-1	-0.236
9464212	Village Cove, St Paul Island	12/31/2017	9 years	TERRA SURVEYS SP-3 USACE 2001	no	2011, 2020, 2020	BBCN02	10/19/2011	-1	-0.219
9464212	Village Cove, St Paul Island	12/31/2017	9 years	RBD 1 1994	yes	2019, 2020	BBGM90	7/21/2019	7	-0.2
9451037	Village Rock	5/11/2001	29 days	1037 A 2001	yes	n/a	n/a	n/a	n/a	n/a
9494168	Wainwright Inlet	9/30/2008	60 days	4168 D 2008	no	2008, 2014	BBBG53	7/28/2008	0	-1.056
9457535	West Raspberry Island	6/30/2014	60 days	7535 A 2014	yes	2014	BBDS43	4/30/2014	0	1.304
9451741	WHITESTONE NARROWS, Neva Strait	5/31/2013	30 days	CORN 2 1948	yes	2013, 2018	UV0936	6/21/2013	0	0.163
9454949	Whittier	1/31/2008	305 days	4949 E 2007	yes	2016	BBFH95	9/22/2016	9	0.129
9454949	Whittier	1/31/2008	305 days	4949 D 2007	no	2008, 2016	BBBG29	12/17/2008	1	0.183
9454562	Wooded Island	9/30/2003	60 days	4562 A 2003	n/a	2003	BBFM33	7/30/2003	0	n/a
9451204	Wrangell	5/15/2001	31 days	no stamping (945 1204 BM 5)	no	2013, 2019, 2020	BBDG97	7/31/2013	12	1.051
9453220	Yakutat, Yakutat Bay	12/31/2016	FULL EPOCH	3220 M 1977	no	2006, 2009, 2017	BBBD27	9/13/2017	3	0.189

