

Alaska Tidal Datum Portal – Summary of March 2021 Changes and Updates

- Updated tidal stations that are currently accepted by NOAA CO-OPS (table 1)
 - There were no outdated stations since 2019.
- Updated tidal stations that have OPUS observations (table 2; table 3)
- Updated tidal datum connection to NAVD88, using OPUS observation taken closest to mid-point of analysis period

Table 1. Tidal stations added to NOAA CO-OPS since 2019

| ID | NEW TIDAL STATIONS |
|---------|---------------------------------|
| 9465137 | CAPE PEIRCE, WEST SIDE AK |
| 9465203 | Naknek AK |
| 9465419 | LEVELOCK, KVICHAK RIVER AK |
| 9465911 | Kwigillinok AK |
| 9465988 | Cape Corwin GPS Tide Buoy AK |
| 9467124 | Kun River AK |
| 9467701 | Emmonak |
| 9468151 | STEBBINS, NORTON SOUND, EAST AK |
| 9468261 | Kavalghak Bay, AK AK |
| 9468863 | ELIM, NORTON BAY AK |
| 9469031 | Koyuk |

Table 2. Tidal stations accepted by NOAA CO-OPS that did not have OPUS observations in 2019, and now do have OPUS observations.

| ID | NOW HAS OPUS OBS. |
|---------|--|
| 9455146 | AIALIK SILL, AIALIK BAY |
| 9455128 | BEAR COVE, AIALIK PENINSULA, KENAI PENIN |
| 9455151 | CAMP COVE, HARRIS PENNINSULA |

Table 3. Tidal stations accepted by NOAA CO-OPS that do not have OPUS observations as of this update.

| ID | NO OPUS OBS. |
|---------|---------------------------------|
| 9455146 | AIALIK BAY, NORTH END |
| 9460150 | ATTU, MASSACRE BAY |
| 9454755 | Bainbridge Point |
| 9452318 | Barlow Cove |
| 9455595 | Bear Cove, Kachemak Bay |
| 9450906 | BECK ISLAND, CLARENCE STRAIT |
| 9451287 | Beecher Pass |
| 9450623 | Big Salt Lake |
| 9459251 | Bird Island, Shumagin Bank |
| 9465182 | BLACK ROCK, WALRUS IS BRISTOL B |

| ID | NO OPUS OBS. |
|-----------|--|
| 9450973 | Blashke Island |
| 9454381 | BLIGH ISLAND, T-16 |
| 9450305 | BOCA DE QUADRA |
| 9455777 | BOULDER POINT |
| 9451012 | Bradfield Canal |
| 9450914 | Burrough Bay, Behm Canal |
| 9454374 | Busby Island |
| 9451074 | BUSHY ISLAND, SNOW PASSAGE |
| 9451906 | CANNERY WHARF, GAMBIER BAY |
| 9454329 | Cape Hichinbrook |
| 9455711 | Cape Kasilof |
| 9462787 | Cape Sarichef, Unimak Island |
| 9458907 | Castle Bay |
| 9458849 | Chankliut Island |
| 9454777 | CHENEGA ISLAND (S.W. END) |
| 9455735 | CHINULNA POINT, COOK INLET |
| 9454851 | COCHRANE BAY, PR. WILLIAM SOUND |
| 9459949 | Cold Bay |
| 9454460 | Columbia Glacier |
| 9455159 | CRATER BAY, HARRIS BAY |
| 9451376 | Dorothy Cove |
| 9450286 | Dunbar Inlet GPS Tide Buoy |
| 9451438 | Entrance Island |
| 9452437 | EXCURSION INLET (SOUTH END) |
| 9457726 | Geese Island GPS Tide Buoy |
| 9451421 | Golf Island |
| 9451909 | GOOD ISLAND, GAMBIER BAY |
| 9454751 | Guguak |
| 9452294 | Hawk Inlet |
| 9454691 | HERRING POINT, KNIGHT ISLAND, PR WIL SND |
| 9452067 | HOLKHAM BAY, STEPHENS PASSAGE |
| 9450544 | Hollis Anchorage, Kasaan Bay |
| 9458964 | Hump Island, Kuiukta Bay |
| 9469626 | Ikpek Lagoon |
| 9455732 | KALIGAN ISLAND (NORTH END), COOK INLET |
| 9454951 | KINGS BAY INSIDE, PRINCE WILLIAM SOUND |
| 9491247 | Kivalina Lagoon |
| 9457283 | KODIAK, ST PAULS HARBOR |
| 9450913 | Kuiu Island, Affleck Canal |
| 9458819 | KUJULIK BAY (NORTH SHORE) |
| 9469982 | Lagoon at 165 West |
| 9454713 | Latouche |

| ID | NO OPUS OBS. |
|-----------|--|
| 9451422 | LECONTE BAY |
| 9450625 | Lindeman Cove |
| 9469338 | LOST RIVER, SEWARD PENINSULA |
| 9454642 | LOUIS BAY |
| 9454674 | Macleod Harbor |
| 9451152 | Madan Bay |
| 9454616 | Montague Island |
| 9453443 | Moraine Bay |
| 9451409 | MOUNTAIN POINT |
| 9458779 | NAKCHAMIK ISLAND, CHIGNIK BAY |
| 9465283 | NE SIDE SUMMIT ISLAND, TOGIAC BAY A |
| 9450642 | Northern Carroll Inlet GPS Tide Buoy |
| 9450711 | Nossuk Bay |
| 9456717 | NUKSHAK ISLAND, SHELIKOF STRAIT |
| 9469515 | Outside Lopp Lagoon |
| 9454561 | Perch Point |
| 9454721 | PERRY ISLAND (SOUTH BAY) |
| 9454814 | Point Erlington, Erlington Island |
| 9451005 | POINT HARRINGTON, CLARENCE STRAIT |
| 9454671 | POINT HELEN, KNIGHT ISLAND |
| 9454673 | PORT AUDREY |
| 9454511 | Port Chalmers |
| 9451936 | Provorotni Island |
| 9458209 | Puale Bay |
| 9451467 | Red Bluff Bay, Baranof Island |
| 9451124 | REEF POINT, STIKINE STRAIT |
| 9451497 | Saginaw Bay, Kuiu Island |
| 9450495 | Saltery Cove |
| 9451805 | Scraggy Island |
| 9454564 | SEAL ISLAND |
| 9451454 | Security Bay GPS Buoy |
| 9451853 | Sergius Narrows |
| 9450618 | Shinaku Inlet |
| 9469804 | Shishmaref Inlet Inside |
| 9457512 | Sitkalidak Island GPS Tide Buoy |
| 9454662 | Snug Harbor |
| 9454652 | SOUTH ARM, KNIGHT ISLAND, BAY OF ISLES |
| 9450578 | Steamboat Bay |
| 9452368 | SWANSON HARBOR |
| 9452434 | TAIYASANKA HARBOR |
| 9452123 | TAKU HARBOR |
| 9451785 | THE BROTHERS, STEPHENS PASSAGE |

| ID | NO OPUS OBS. |
|-----------|--------------------------------|
| 9450970 | Thoms Point |
| 9450938 | Thorne Island |
| 9458762 | UNAVIKSHAK ISLAND |
| 9455204 | UPPER NORTHWESTERN FIORD |
| 9451037 | Village Rock |
| 9452249 | YOUNG BAY |
| 9459465 | ZACHARY BAY, UNGA IS (N. SIDE) |