

Norton Sound Belugas – Flight 4– 30 June 2022

Area flown: Transect 21 was flown completely. Transects 17, 19, 23, 26, and 30 were partially completed.

Total hours flown: 6.1 (2 flights)

Total transect hours: 3.1

Number of belugas seen: 105

Weather and visibility: Skies were clear to overcast. Sea state ranged from Beaufort 1-7.

Visibility ranged from 0 km to unlimited, with glare.


Sightings: Belugas and small unidentified pinnipeds.

Preliminary Summary, Flight 4 Date: Thursday, June 30, 2022

Total belugas: 105	Start time: 6/30/2022 9:13:58 AM	End time: 6/30/2022 4:17:03 PM
Beluga sightings: 34	Transect minutes: 184	Transect km: 731.3
Belugas on transect: 105	Circling minutes: 0	Circling km: 0
Beluga cow-calf pairs: 0	Trans+Circ minutes: 184	Trans+Circ km: 731.3
Beluga cow-calf pairs on transect: 0	Search minutes: 10	Search km: 35.5
Other cetacean sightings: 0	Total minutes: 366	Total km: 1665.4
	Deadhead minutes: 172	Deadhead km: 898.6


Cetacean Sightings

Event	Lat	Long	Species	Total	Calves	Behavior	Swim Direction	On Effort
135	63.52	-161.64	beluga	1	0	swim	-1	True- Closing
139	63.52	-161.76	beluga	1	0	swim	-1	True- Closing
158	63.52	-162.39	beluga	2	0	swim	-1	True- Closing
159	63.52	-162.4	beluga	1	0	swim	-1	True- Closing
160	63.52	-162.4	beluga	3	0	swim	-1	True- Closing
307	63.35	-164.78	beluga	5	0	swim	-1	True- Closing
308	63.35	-164.78	beluga	3	0	swim	-1	True- Closing
309	63.35	-164.78	beluga	1	0	swim	-1	True- Closing
310	63.35	-164.77	beluga	1	0	swim	-1	True- Closing
312	63.35	-164.71	beluga	48	0	swim	-1	True- Closing
313	63.35	-164.7	beluga	8	0	swim	-1	True- Closing
314	63.35	-164.66	beluga	1	0	swim	-1	True- Closing
316	63.35	-164.6	beluga	1	0	swim	-1	True- Closing
318	63.35	-164.53	beluga	7	0	swim	-1	True- Closing
333	63.36	-163.98	beluga	1	0	swim	-1	True- Closing
334	63.36	-163.96	beluga	1	0	swim	-1	True- Closing
343	63.36	-163.71	beluga	2	0	swim	-1	True- Closing
404	63.19	-164.73	beluga	1	0	swim	-1	True- Closing
405	63.19	-164.74	beluga	1	0	swim	-1	True- Closing
408	63.19	-164.82	beluga	1	0	swim	-1	True- Closing
409	63.19	-164.84	beluga	1	0	swim	-1	True- Closing
410	63.19	-164.85	beluga	1	0	swim	-1	True- Closing
411	63.19	-164.86	beluga	1	0	swim	-1	True- Closing
412	63.19	-164.86	beluga	2	0	swim	-1	True- Closing
413	63.19	-164.87	beluga	1	0	swim	-1	True- Closing
414	63.19	-164.88	beluga	1	0	swim	-1	True- Closing
415	63.19	-164.88	beluga	1	0	swim	-1	True- Closing
416	63.19	-164.89	beluga	1	0	swim	-1	True- Closing
417	63.19	-164.9	beluga	1	0	swim	-1	True- Closing
418	63.19	-164.9	beluga	1	0	swim	-1	True- Closing
419	63.18	-164.93	beluga	1	0	swim	-1	True- Closing
420	63.18	-164.96	beluga	1	0	swim	-1	True- Closing
421	63.18	-164.97	beluga	1	0	swim	-1	True- Closing
795	64.27	-164.82	beluga	1	0	swim	-1	True- Closing

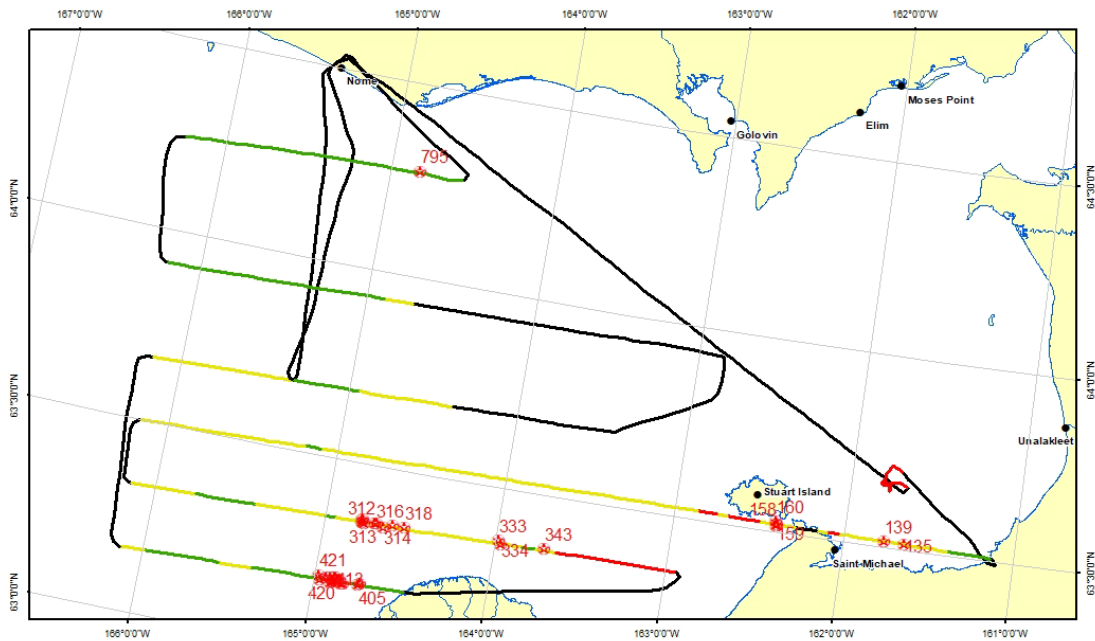
 **NOAA FISHERIES**

Flightlines by Sea State

- B0 - B2
- B3 - B5
- B6 - B8
- NA


 Cetacean Sightings - Labeled by sighting number as shown on Summary Table


NOAA\FSC\MML-ABWC
Norton Sound Beluga Surveys
Flight 4, 6/30/2022 8:59:05 AM



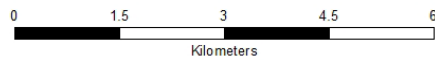
Flightlines by Sea State

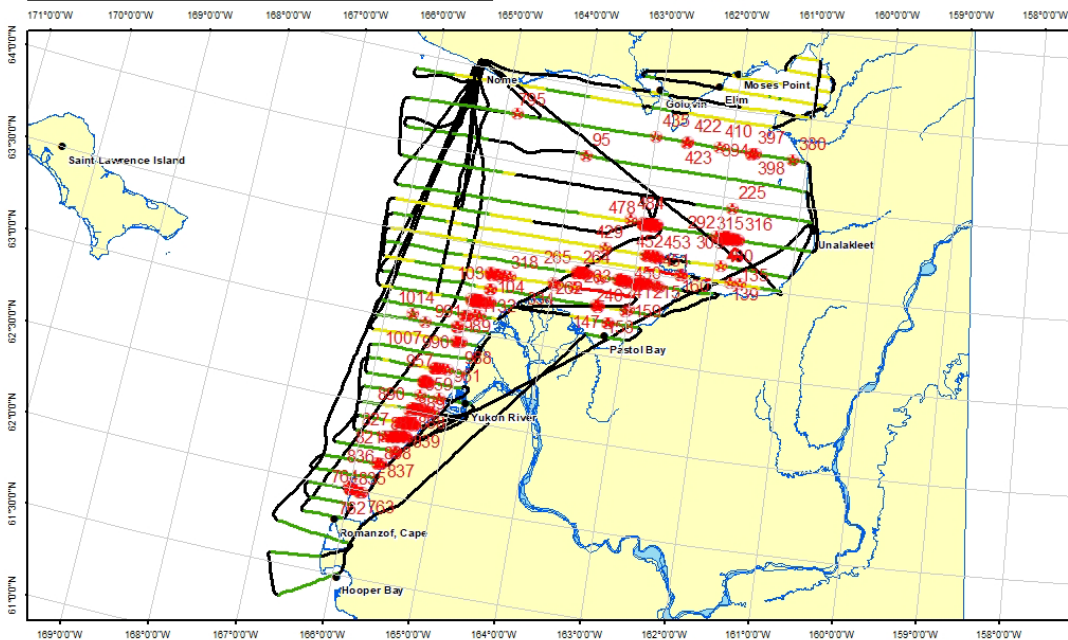
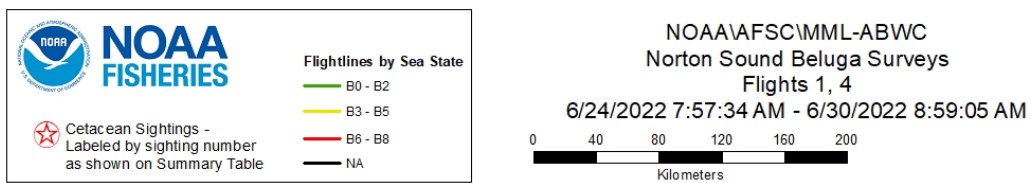
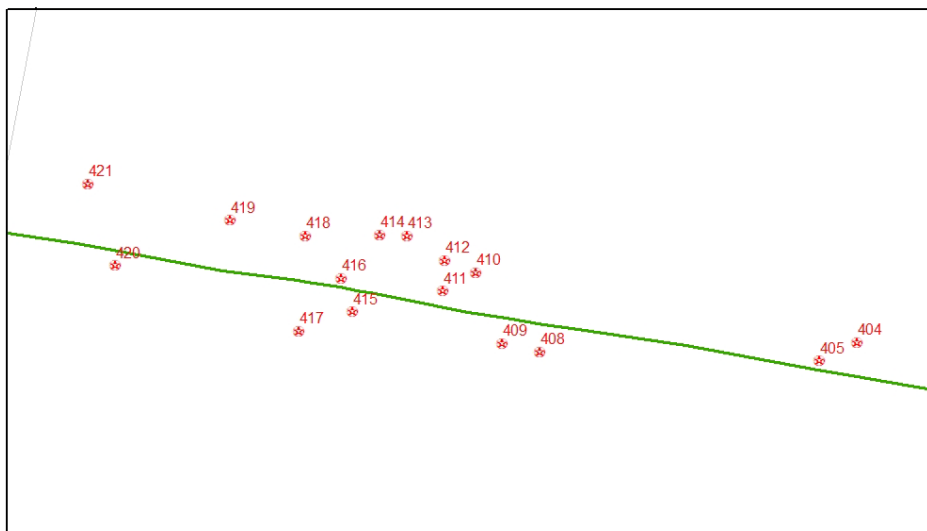
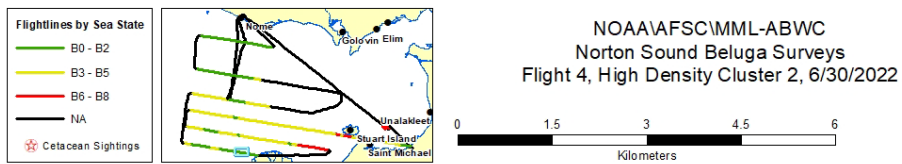
- B0 - B2
- B3 - B5
- B6 - B8
- NA

 Cetacean Sightings



NOAA\FSC\MML-ABWC
Norton Sound Beluga Surveys
Flight 4, High Density Cluster 1, 6/30/2022





All survey effort and beluga sightings from the 2022 Norton Sound Beluga Aerial Survey flights 1 through 4 (24-30 June 2022).

The following photos of belugas were taken during Norton Sound Beluga Aerial Survey Flight 4, on 30 June 2022. All of the belugas in these photos were in a high-density cluster of belugas located approximately 16 nautical miles east of Stuart Island. We did not collect transect data in this location due to the high sea states (Beaufort 6, indicating that the surface winds were 22-27 kts).





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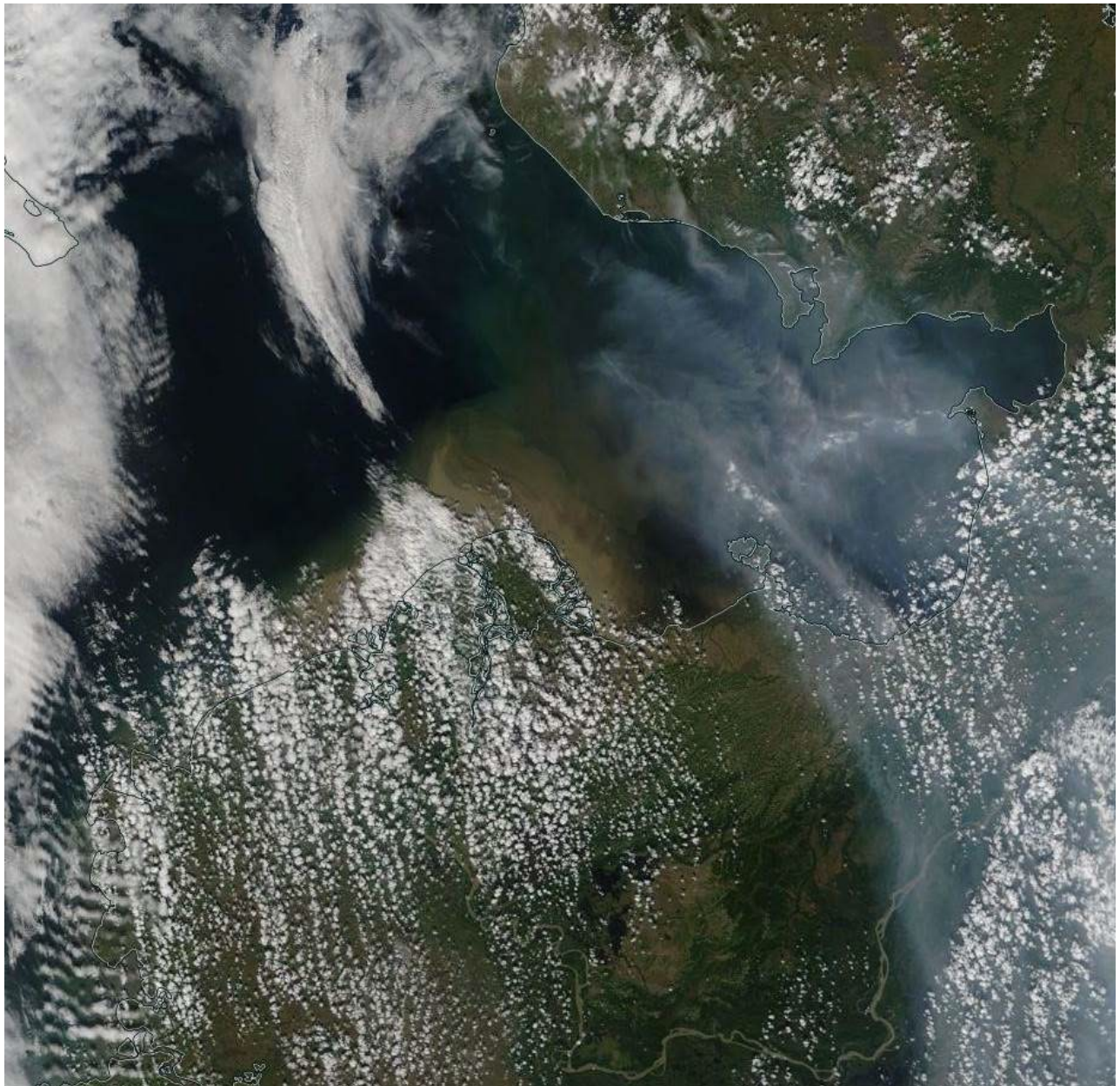
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Satellite image of Norton Sound and the Yukon delta on 30 June 2022. Downloaded from <https://worldview.earthdata.nasa.gov/>.