

ASAMM-Beaufort – Flight 28 – 12 September 2017

Area flown: Block 1, 1 complete and 1 partial transect; block 2, 1 partial transect; coastal transect from 140°W to east of Demarcation Bay, and from west of Kaktovik to 147°W.

Total hours flown: 3.1

Total transect hours: 1.4

Number of bowhead whales seen: 2 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 3 to 7. Visibility ranged from 0 km to unlimited, with fog and glare. There was no sea ice in the area surveyed. Widespread fog in the east and strong winds in the west prevented further survey effort.

Sightings: Bowhead whales and polar bears. The polar bears were all resting on barrier islands or beaches.

Preliminary Summary, Flight 28 Date: Tuesday, September 12, 2017

Total bowhead whales: 2	Start time: 9/12/2017 1:10:52 PM	End time: 9/12/2017 4:16:28 PM
Bowhead whale sightings: 2	Transect minutes: 83	Transect km: 319.6
Bowhead whales on transect: 1	Circling minutes: 6	Circling km: 16.9
Bowhead whale calves: 0	Trans+Circ minutes: 89	Trans+Circ km: 336.5
Bowhead whale calves on transect: 0	Search minutes: 2	Search km: 6.4
Bowhead whale repeats: 0	Total minutes: 185	Total km: 835
Possible repeats: 0	Deadhead minutes: 95	Deadhead km: 492.1
Total gray whales: 0	Search blocks: 1,2,5	
Total belugas: 0	Transect blocks: 1,2,4,5	
Other whale sightings: 0		
walrus: no		
Total polar bears: 6		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
300	70.34	-146.96	1	bowhead whale	1	0	swim	90	True
302	70.35	-146.95	1	bowhead whale	1	0	swim	-1	False

Flightlines by Sea State

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

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

NOAA/AFSC/MML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 28, 9/12/2017 1:10:52 PM

