

Explorer.	Year.	Date of turning North.	In Lat.
Cook,	1773	January 17th	67°
Wilkes,	1840	„ 26th	65°
Cook,	1774	„ 30th	71°
Weddel,	1823	February	74½°
Wilkes,	1840	„ 24th	64°
Nares,	1874	„ 25th	63½°
Moore,	March 3rd	64½°
Ross,	1843	„ 5th	71½°
Ross,	1842	„ 7th	64°
Ross,	1841	„ 20th	65°

Both Ross and Cook were running along the 60th parallel considerably after the date mentioned, but they both speak of the danger of doing so during the dark nights. Unless favoured by the moon or clear weather, no vessel should attempt to proceed on her voyage between 8 P.M. and 4 A.M. whilst among icebergs; that is, south of about lat. 58° S.

At 8 P.M. sail was shortened and the ship hove to for the night. The weather during the day was cloudy and gloomy, but the sun shone out for a few minutes now and then, so that the position could be ascertained by astronomical observation. The wind was moderate and the sea smooth, the barometer rising steadily from 28·537 to 29·023 inches; the mean temperature of the air 28°·6, of the surface water 31°·9. Numerous icebergs were in sight all day.

On the 26th, at 3 A.M. (daylight), sail was made, and the vessel stood to the northward. At 9 A.M., the weather being fine with a high barometer for these regions, showing that in all probability this fair weather would not continue, advantage was taken of it and a sounding and trawling were obtained, the depth being 1975 fathoms, Diatom ooze, Station 156 (see Sheet 23). At noon the position of the ship was lat. 62° 26' S., long. 95° 44' E., and there were thirty icebergs in sight, but no pack ice.

The same difficulty was experienced in obtaining serial temperatures as before, although the thermometers were cooled by a mixture of ice and salt before immersion. The surface temperature was 33°, the temperature at 100 fathoms 31°·9, at 150 fathoms 34°, and below the depth of 150 fathoms the thermometer came up showing on the maximum side 34° and on the minimum 31°·9, hence it is impossible to say what the precise temperature of the sea was below 150 fathoms; all that can be asserted is that it ranges between 34° and 31°·9. It is true the bottom thermometer showed 34° on the maximum side and 31°·3 on the minimum, but as it was cooled before