Maps with Key Place Names

- Pevek
- Anadyr
- Moscow
- Vladivostok
- St. Petersburg
- Lake El’gygytgyn
- Lake basin drainages
- Drill Sites and Camp
- Lake Ice Remote Sensing
Lake El’gygytgyn

100 km north of the Arctic circle
67.30 N; 172.05 E
Cargo by air, sea, and rail.
~ 20 km from airport to Pevek and the seaport
Digital Elevation Model: Kopsch et al., unpubl.

Pevek

260 km

360 km

El’gygytgyn

Anadyr

Pevek

260 km

360 km

El’gygytgyn

Anadyr

Digital Elevation Model: Kopsch et al., unpubl.
Lake El’gygytgyn Stream Numbering System

Figure 1. Streams draining El’gygytgyn Crater. Contour interval is 20 m, lake elevation is 492 m above sea level. Stream channel network and contours were generated from a DEM.
Figure 7. Lake ice breakup. Compare A & C to B & D to note similarities in breakup between two winters from SAR. First a medial form, allowing the ice to shift with the wind. Then leads open at two prominent points of land on the west shore. And finally the ice breaks into floes that allow the entire mass to shift freely, facilitating breakup. The last few days of breakup in 2000 were captured nearly simultaneously with Landsat and SAR on July 12 in E and F.