

**Table 21.** Comparison of home range sizes (convex polygons) for six female grizzly bears (*Ursus arctos*) as determined by two methods of data collection during a 3–5-year period in northwestern Alaska.

Bear ID	Satellite–1988		Conventional telemetry–1988		Conventional telemetry <sup>a</sup> 3–5 years	
	km <sup>2</sup>	<i>n</i>	km <sup>2</sup>	<i>n</i>	km <sup>2</sup>	<i>n</i>
014	755.5	207	545.9	14	1,345.8	51
028	975.2	138	620.3	8	1,439.6	54
043	1,758.8	231	1,071.1	11	1,785.8	40
058	3,984.4	139	644.2	8	2,499.7	17
063	907.3	224	451.7	10	601.3	26
069	335.0	314	108.7	12	699.0	35
$\bar{x}$	1,453	208.8	574	10.5	1,395	37.2
SD	1,340	65.8	312	2.3	706	14.3
Median	941		583		1,393	

<sup>a</sup> Bears 014 and 028 located during 1986 through 1990; bear 043 during 1986 through May 1990; bear 058 during 1987 through 1989; bear 063 during 1987 through June 1989; and bear 069 during 1987 through 1990.