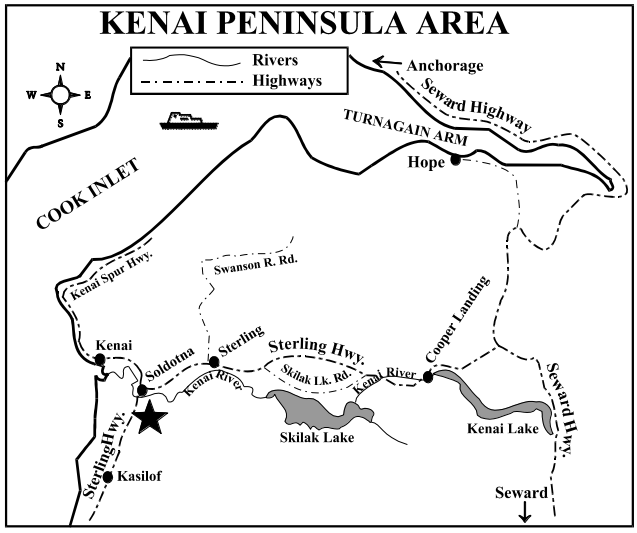
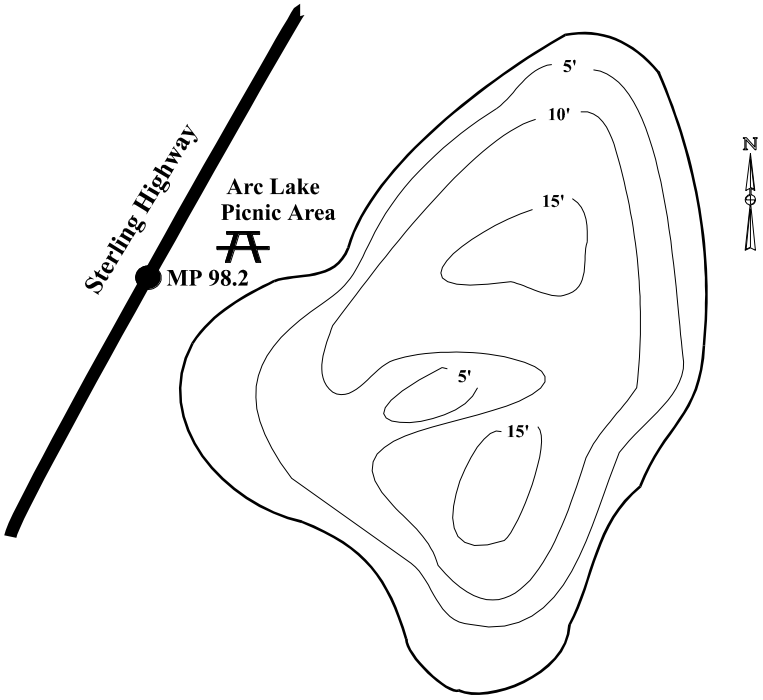
KENAI PENINSULA STOCKED LAKE SERIES

State of Alaska
Department of Fish and Game
Division of Sport Fish
43961 Kalifonsky Beach Rd, Suite B
Soldotna, AK 99669
(907) 262-9368



ARC LAKE ★



U.S.G.S. Map Ref.	Kenai B-3, T4N, R11W, S12	Geographic Location	N60º26'59.28", W151º06'16.85"
Elevation	200'	Surface Acres	16
Volume	137 Acre Ft.	Maximum Depth	15'
Mean Depth	8.6'	Shoreline Length	0.8 Mile
Game Fish Present	Landlocked coho salmon (stocking resumed in 2009); Arctic Grayling (stocking began in 2010)		

ARC LAKE PUBLIC ACCESS: Mile 98.2 Sterling Hwy. Access is on the south-east side of the highway at the Arc Lake picnic area with tables, trash can, fire pit, seasonal lighting, portable toilet, and sandy beach. **NOTE:** Please respect property, other recreational users and do not drill holes in ice skating rinks. Leave no trace. Keep lake and access sites free of litter.

STOCKING METHOD: Truck/Bucket

LAKE: Arc
ACRES: 16

Year Stocked	Species	Number Stocked	Stocking Density (fish/acre)	Stocking Size	Effort (angler days)		Number Harvested (H) or Caught (C) Landlocked Salmon	Rainbow Trout	Arctic Grayling	Arctic Char/ Lake Trout	Fish/ Angler-Day
2000	SS	3,200	200	Fingerling	145	H	73				0.50
						C	582				4.00
2001	Stocking discontinued				64	H	0				0.00
						C	589				9.20
2002-2008*	Stocking discontinued					H					
						C					
2009*	SS	3,276	205	Fingerling		H					
						C					
2010	SS	2,903	181	Fingerling	65	H	6		0		0.09
	GR	1,593	100	Fingerling		C	6		0		0.09
2011	SS	1,600	100	Fingerling	30	H	0		0		0.00
	GR	1,600	100	Fingerling		C	167		18		6.17
2012	SS	1,600	100	Fingerling	84	H	0		0		0.00
	GR	1,600	100	Fingerling		C	547		63		7.26
2013	SS	1,920	120	Fingerling	253	H	148		130		1.10
	GR	400	25	Catchables		C	243		365		2.40
2014	SS	1,920	120	Fingerling	75	H	0		48		0.64
	GR	800	50	Catchables		C	0		328		4.37
2015	SS	1,838	115	Fingerling	373	H	75		41		0.31
	GR	795	50	Catchables		C	82		41		0.33
2016	SS	1,926	120	Fingerling	76	H	22		62		1.11
	GR	0	0	Catchables		C	50		109		2.09
2017	SS	2,193	137	Fingerling	379	H	58		0		0.15
	GR	0	0	Catchables		C	72		91		0.43
2018	SS	2,017	126	Fingerling	135	H	0		0		0.00
	GR	0	0	Catchables		C	48		14		0.46
2019	SS	1,919	120	Fingerling	190	H	0		0		0.00
	GR	813	51	Catchables		C	23		0		0.12
2020	SS	1,921	120	Fingerling	243	H	0		0		0.00
	GR	805	50	Catchables		C	0		65		0.27
2021*	SS	1,921	120	Fingerling		H					
	GR	0		Catchables		C					
2022*	SS	1,920	120	Fingerling		H					
	GR	0		Catchables		C					

*No harvest or catch data available.

TEST NET SAMPLING

Date	Species	Age Class	# of Fish	Length Range(mm)	Avg Length	Weight Range(lb.oz)	Avg Weight	Fyke[a] CPUE	VM[a] CPUE	Combined CPUE
2000	SS	1-3	57	105-235	147	N/A	N/A	0.078	0.029	0.054
2000	PIKE	6-7	5	153-650	521	N/A	N/A	N/A	N/A	N/A
2010	SS	1-3	73	105-250	N/A	N/A	N/A	0.024	N/A	N/A

COMMENTS: Arc Lake stocking was reinstated in 2009 after the successful eradication of northern pike. Arc Lake is stocked annually with coho salmon fingerling and was stocked with Arctic grayling fingerling from 2010-2012. In 2013, Arctic grayling fingerling were replaced with catchables. Arctic grayling stocking was discontinued in 2016 due to reduction in production at William Jack Hernandez Sport Fish Hatchery but was reinstated in 2019-2020 and 800 catchables were stocked. Arctic grayling stocking was discontinued in 2021 due to reduction in production at William Jack Hernandez Sport Fish Hatchery. Arc Lake is scheduled to be stocked with 1,920 coho salmon fingerling annually from 2023-2027. Schools participating in the "Salmon in the Classroom" program will also stock coho salmon fry in the lake at the end of the school year.