

# Ishtalitna Creek Hot Springs RNA

## *Ray Mountains*

**Size: 1,056 acres**

**Elevation: 1,100 feet**

## Area Description

The RNA encompasses a low-grade geothermal system, including part of Ishtalitna Creek, and the adjacent hot springs. Water temperatures up to 136 degrees Fahrenheit have been recorded in the hot springs, which discharge into an elongated pool with a pH of 8.84 before flowing into Ishtalitna Creek.

## Features of Significant Research Value (Animal, Plant and Geologic)

*Plant:* Mat and cushion sedge tundra

*Geologic:* Low-grade geothermal hot spring

## Additional Features

The RNA supports plants far north of their normal distribution.

Several plant and algae species present may be uniquely adapted to hot springs in central Alaska.

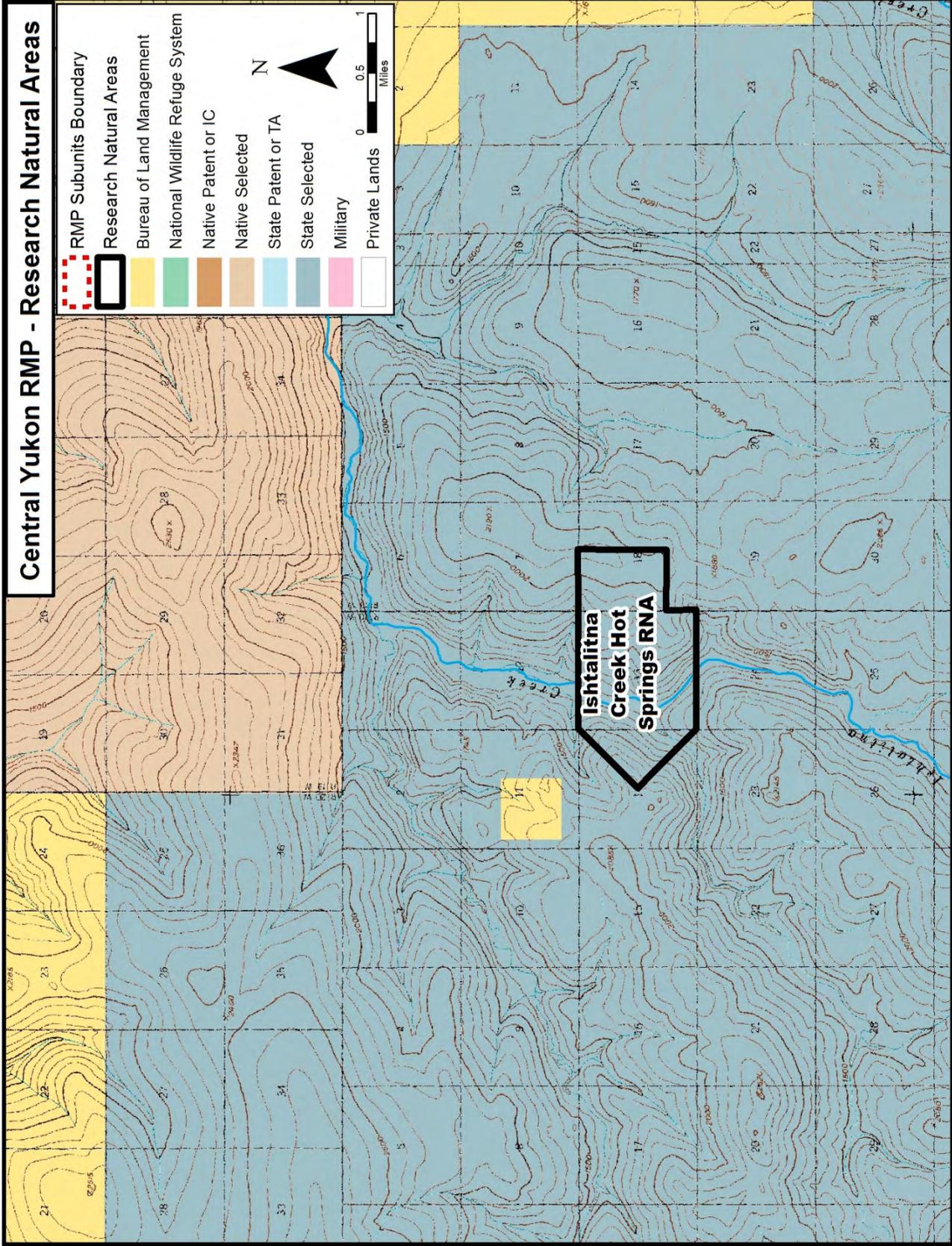
The RNA provides an example of a pristine hot springs, an increasingly rare feature in Interior Alaska.



Source: Glenn P. Juday, 1983, Ray Mountains Proposed Natural Research Areas: Ishtalitna Creek Hotsprings, McQuesten Cerek, and Spooky Valley. Report prepared for the Bureau of Land Management – Alaska.

# Central Yukon RMP - Research Natural Areas

	RMP Subunits Boundary
	Research Natural Areas
	Bureau of Land Management
	National Wildlife Refuge System
	Native Patent or IC
	Native Selected
	State Patent or TA
	State Selected
	Military
	Private Lands



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