

Parleys Summit

The Parleys Summit snow course is located near the head of Parleys Canyon, east of Salt Lake City, and just about a mile off of I-80 at an elevation of 7740 feet msl. This particular course was historically measured by Salt Lake City Personnel and was discontinued in 2003. The SNOTEL site is near the snow course to the west. Potential weather modification: 77, 88-96



Parleys summit about a mile or 2 from the site in 1936.



Parleys Canyon south of the course in 1936, current site of I-80.



Near the snow course.

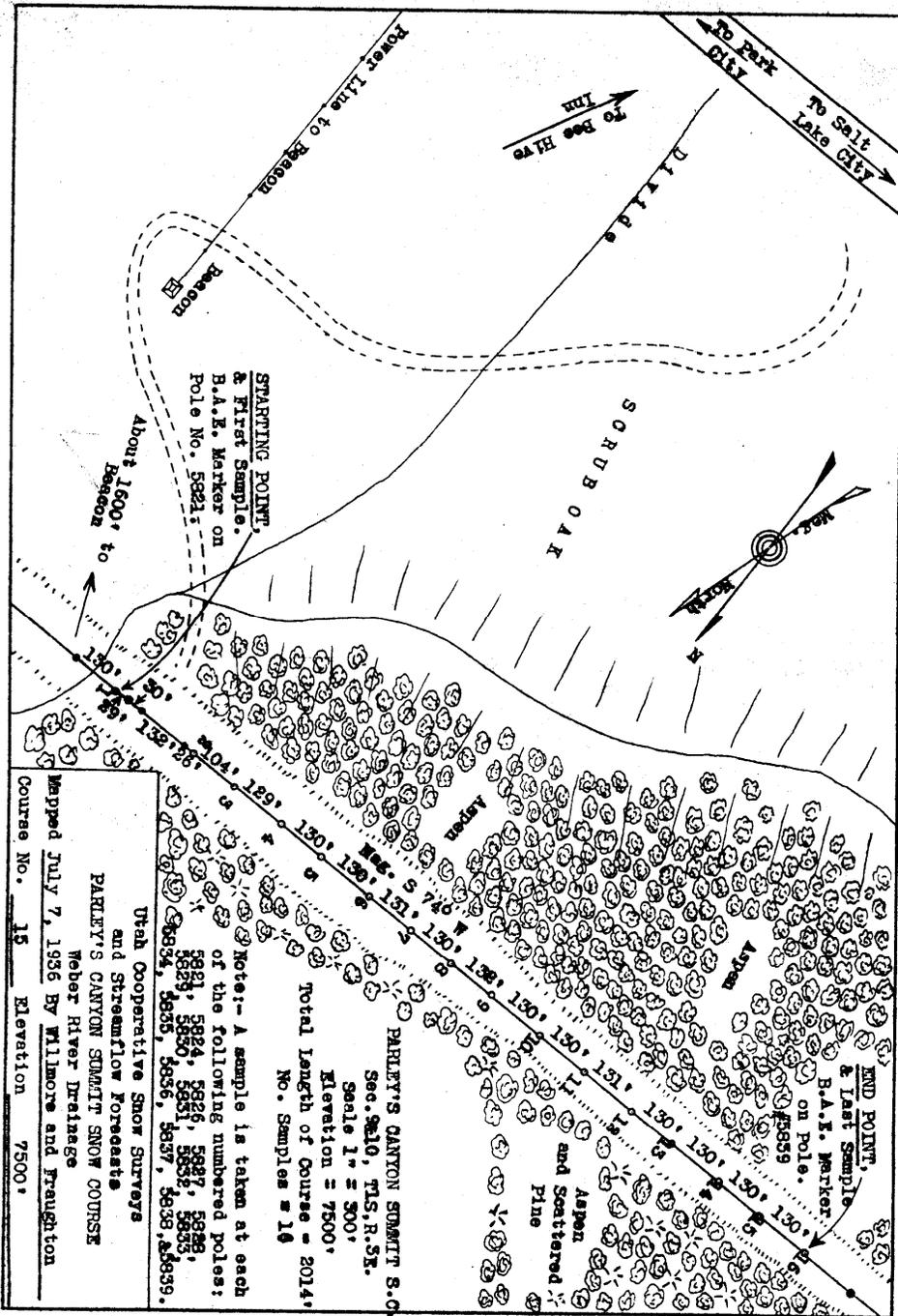


The course is along this power line.

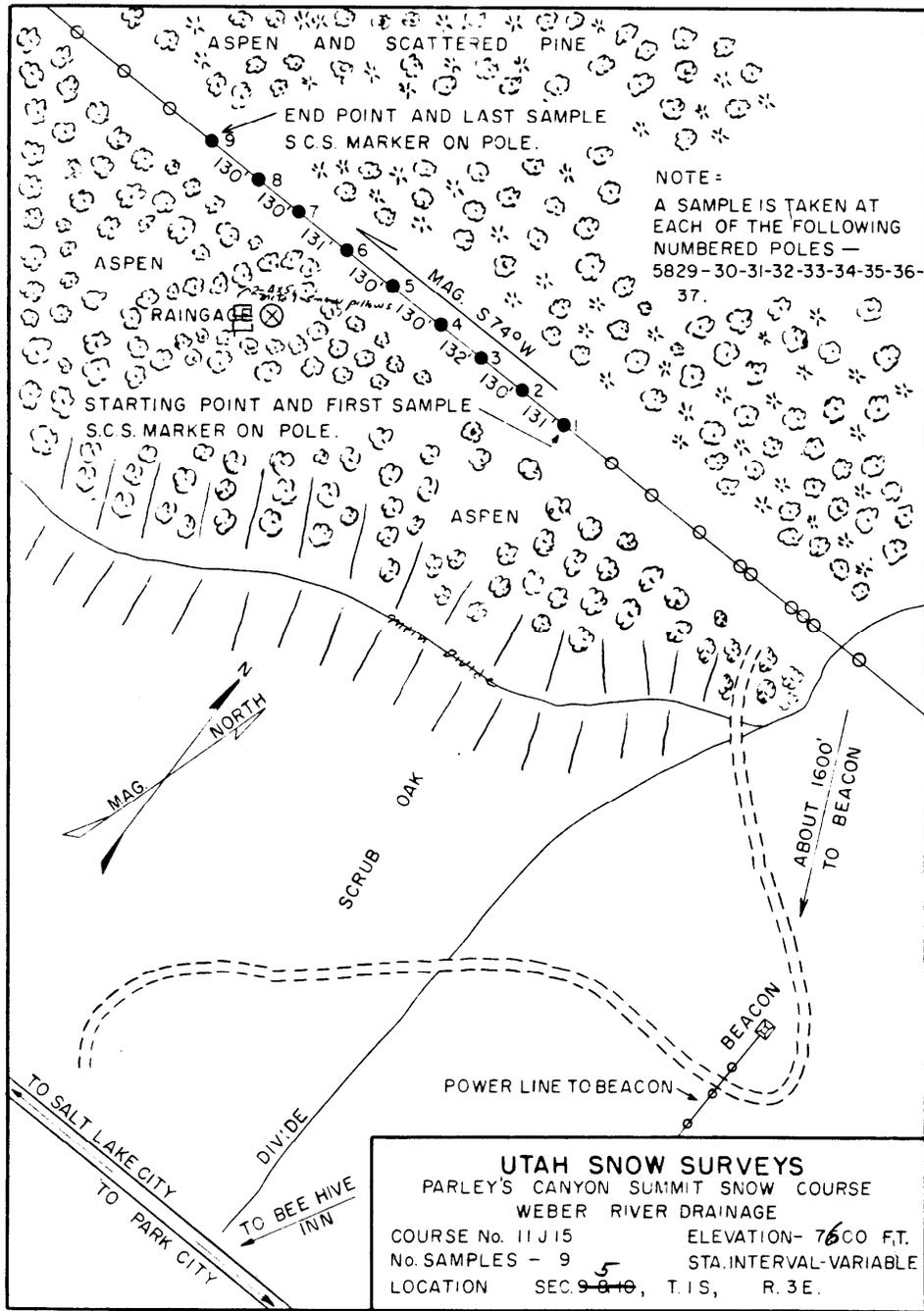
The course has been cleared of aspens several times over the past 20 years and pretty much maintained as a power corridor.



This photo shows a winter survey of the parleys summit snow course. Due to the power line maintenance, this course was kept fairly constant over the years.



Original Parleys Summit snow course map.

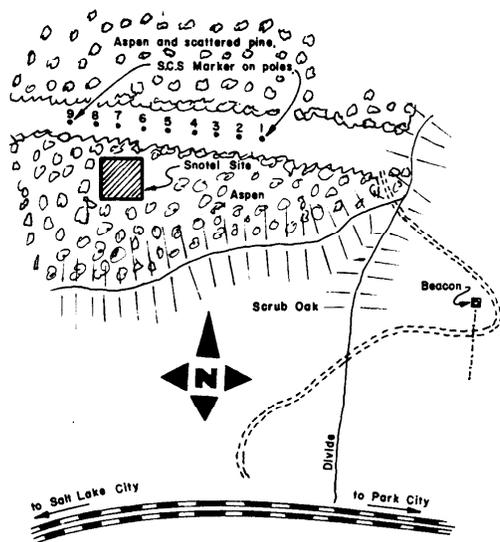


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Reduced to 9 samples.

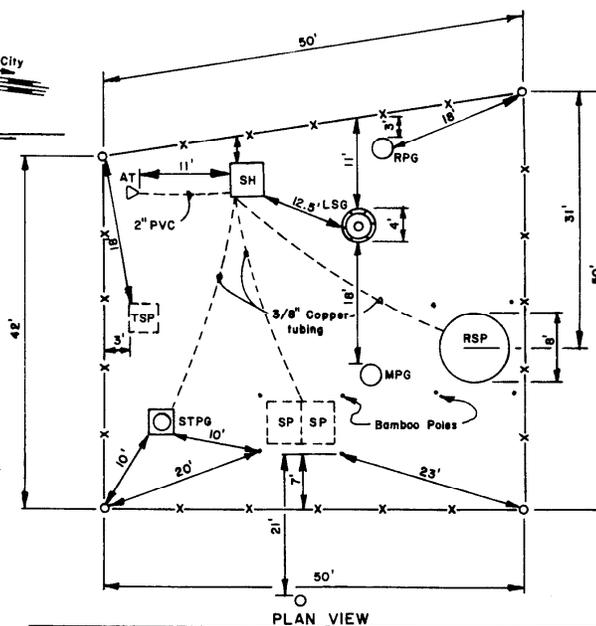
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LOCATION MAP

LEGEND

- AT Antenna tower
- LSG 'Hot Rocks' snow gage
- MPG Manual Precip. gage
- RPG Radio Precip gage
- RSP Rubber snow pillow
- SM Soil moisture stack
- SP Snow pillow
- STPG Snotel precip gage
- TSP Thiokol snow plate



PLAN VIEW

COOPERATIVE SNOW SURVEYS AND STREAMFLOW FORECASTS

PARLEYS CANYON SUMMIT
SNOTEL DATA SITE

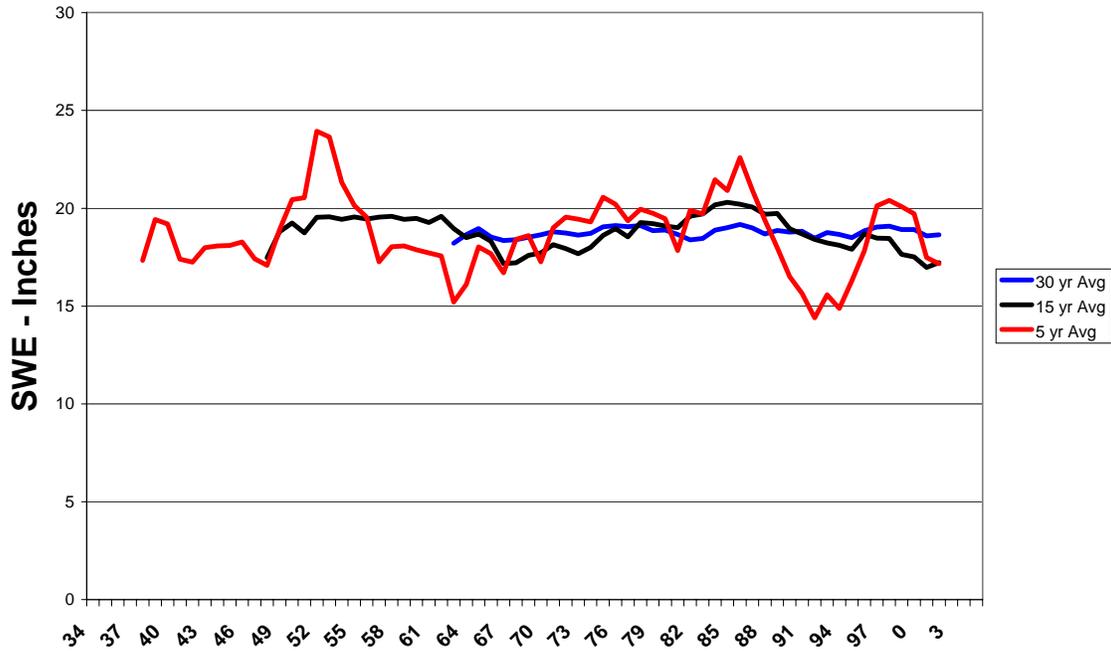
August 1979

COURSE NO. 11J15 SEC. 5 T. 1 S. R. 3 E.
ELEVATION 7500' SAMPLES INTERVAL

M-3503

Location of the Parleys SNOTEL site with respect to the snow course.

Parleys Summit



This chart shows the 5, 15 and 30 year running average April 1 SWE. The 30 year average is fairly consistent and compared to many other sites, there is also less variability in the 5 and 15 year running averages as well. This course is recommended for long term comparisons at least for the near term where it may be important even though it is no longer measured.

R Julander
2007