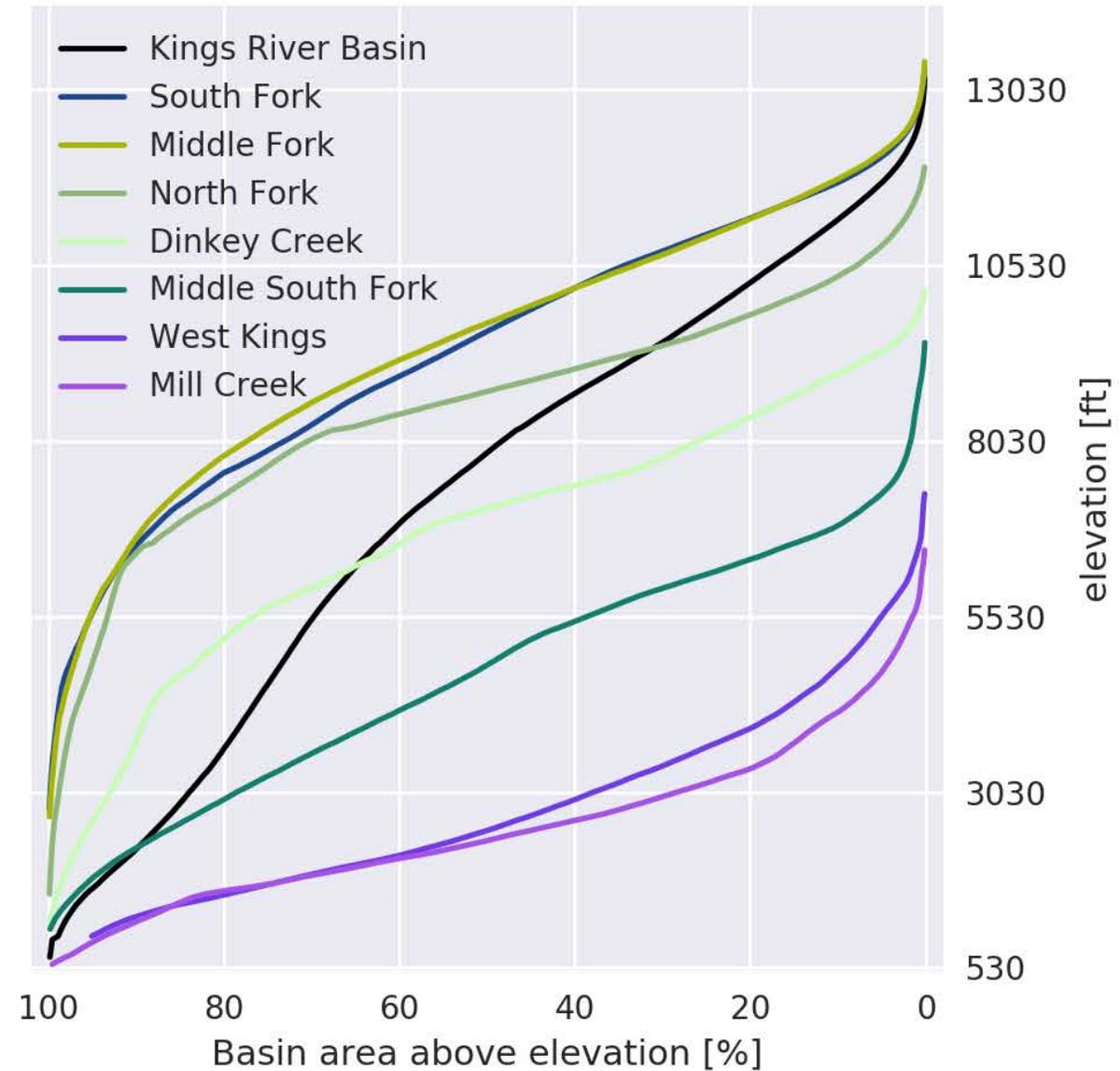
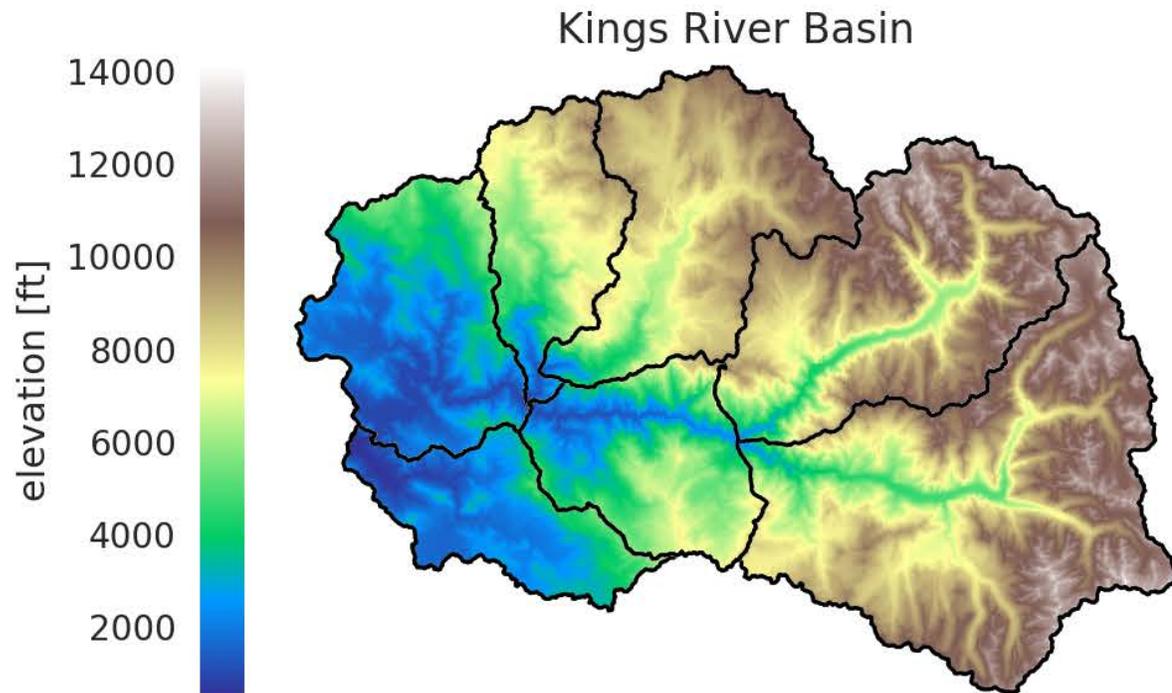
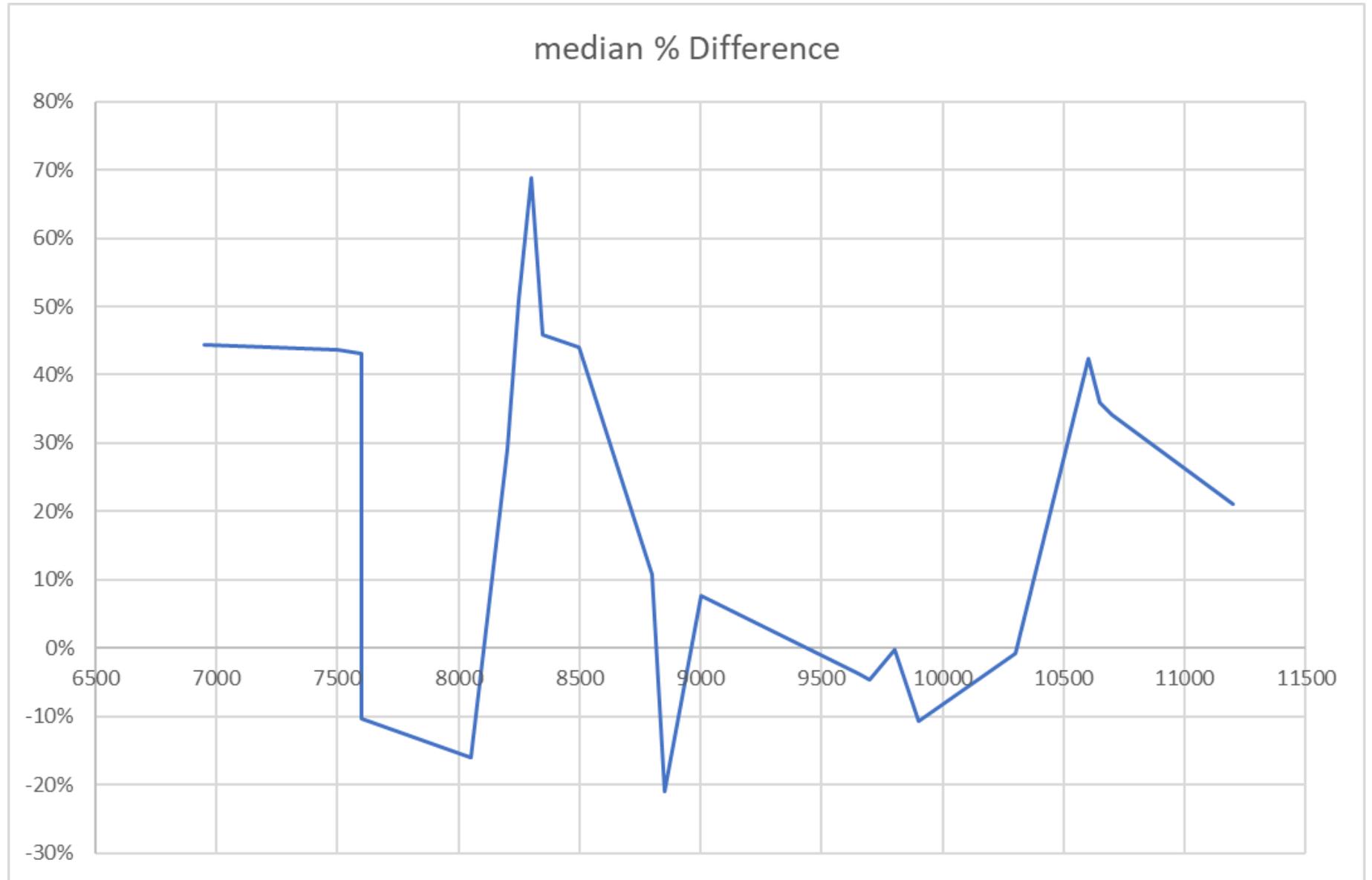
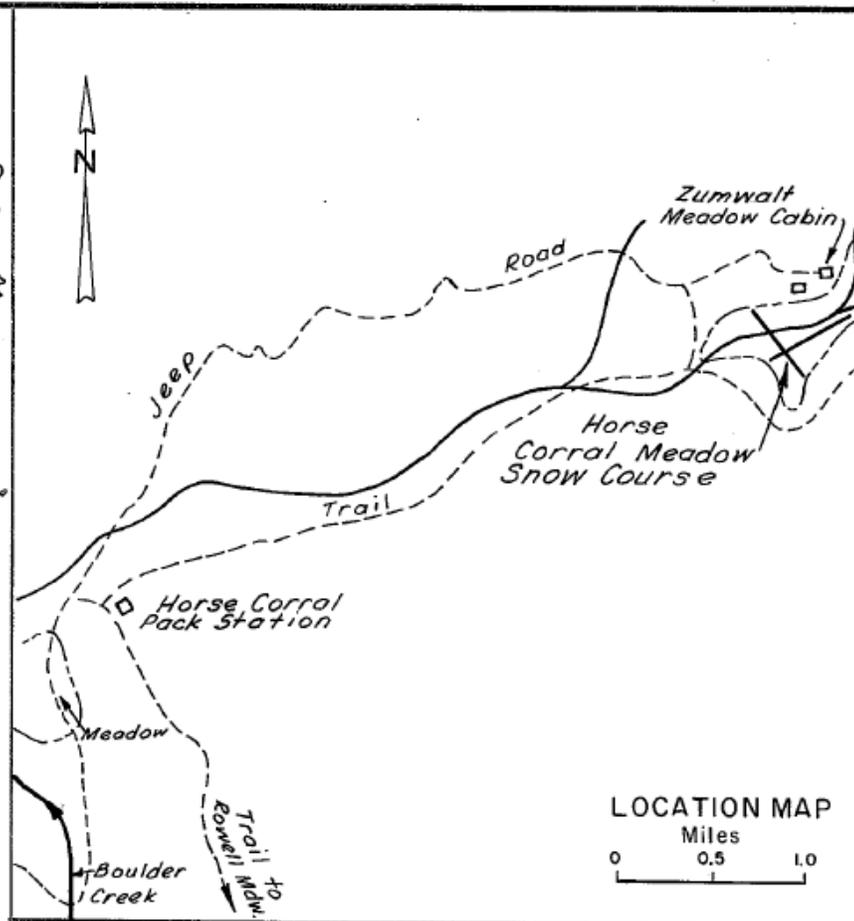
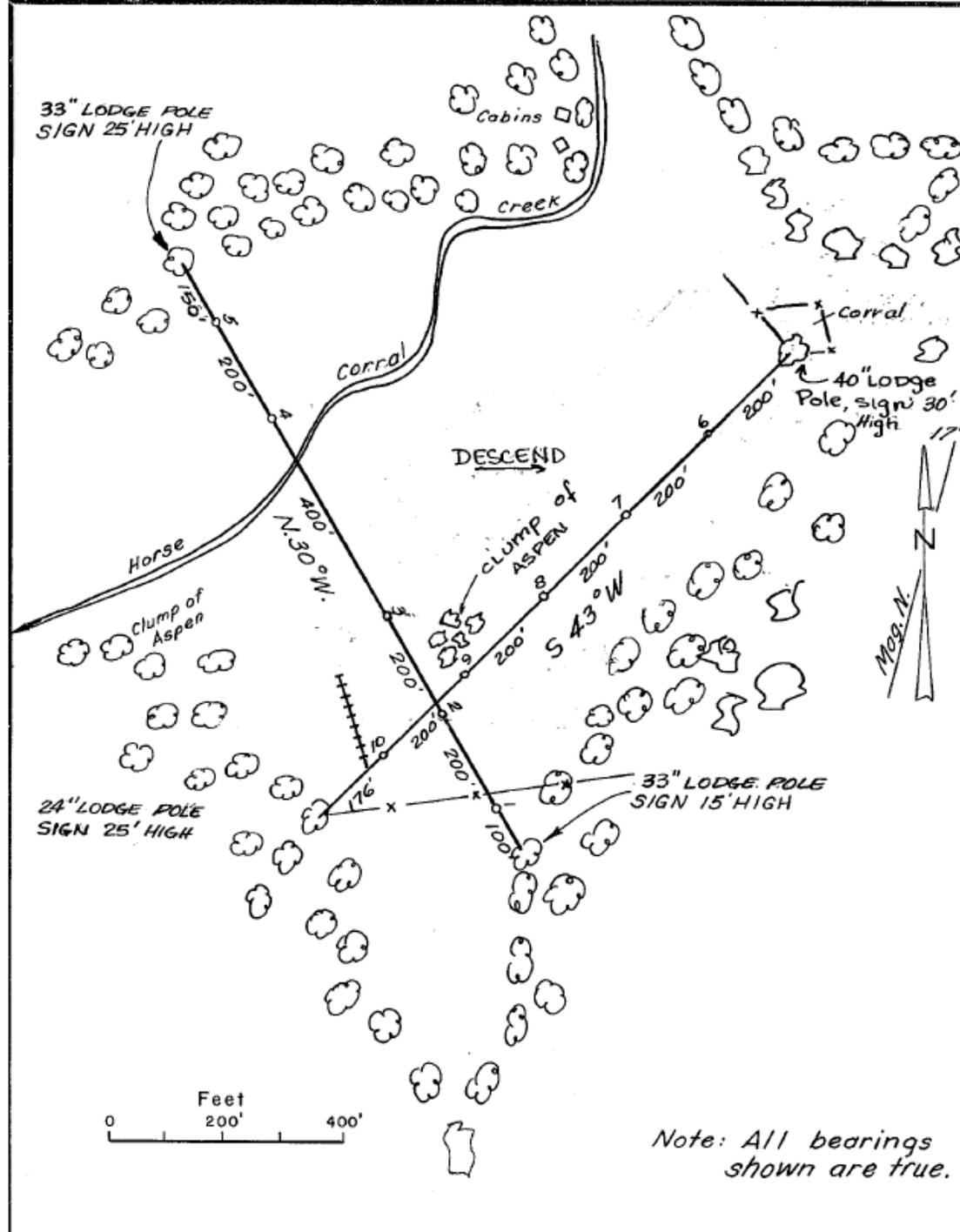


Basin Elevation Distribution



- Feb 1, 2019 snow survey.
- iSnobal Median pixel comparison
- Coordinate issues





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 CALIFORNIA COOPERATIVE SNOW SURVEYS

SNOW COURSE MAP

HORSE CORRAL MEADOW #237

DRAINAGE: KINGS RIVER
 ELEVATION: 7,600'

CORRECTED 1962
 REVISED 1958
 COURSE ESTABLISHED 1930

Q-378

DR. J.F.H. 1959

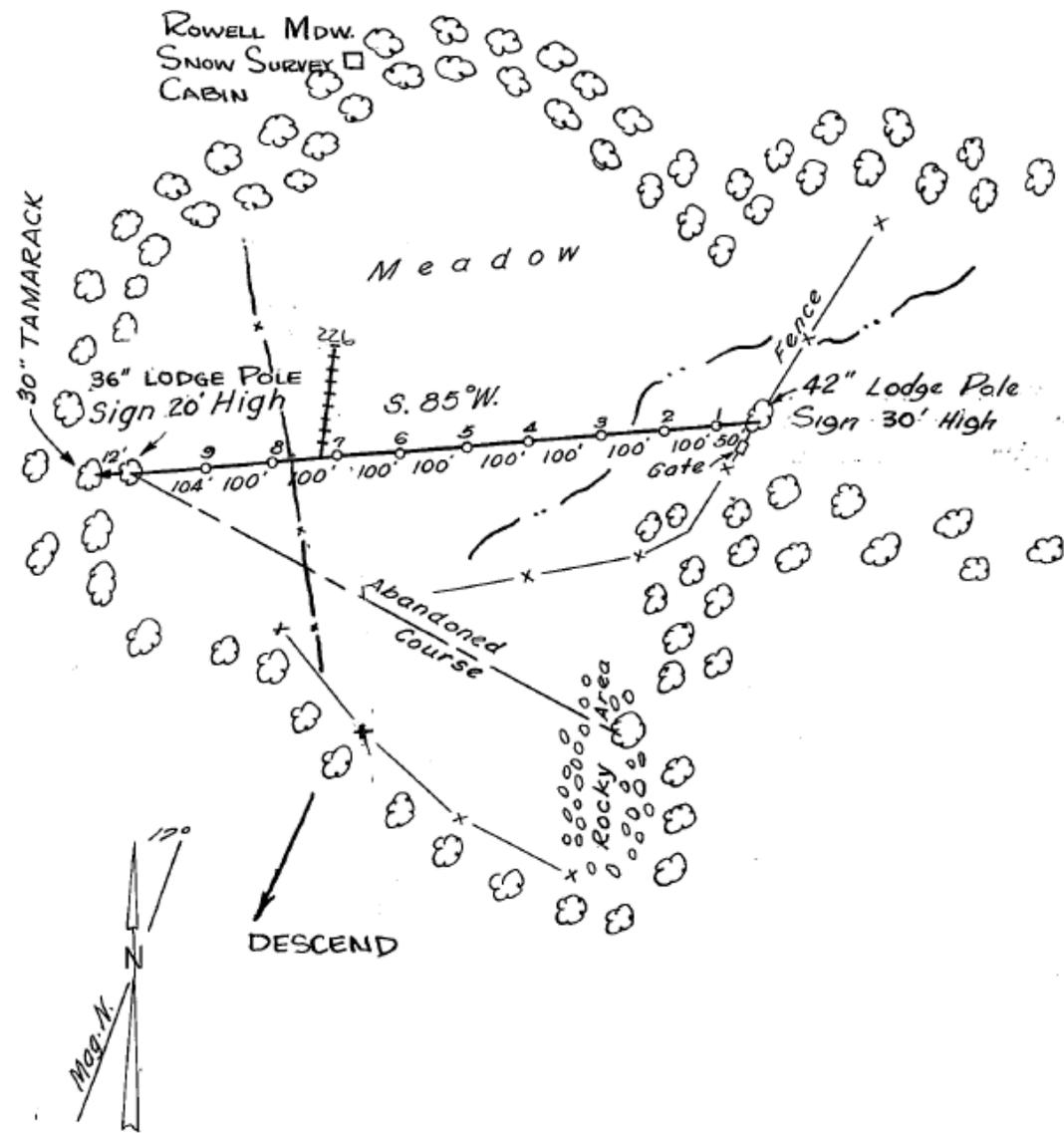
36.752 -118.75

- 237 NW Marker
- 237 sample 5
- 237 sample 4
- 237 NE Marker
- 237 sample 6
- 237 sample 7
- Horse Corral Meadow
- 237 sample 8
- 237 sample 3
- 237 sample 9
- 237 sample 10
- 237 sample 2
- 237 SW Marker
- 237 sample 1
- 237 SE Marker

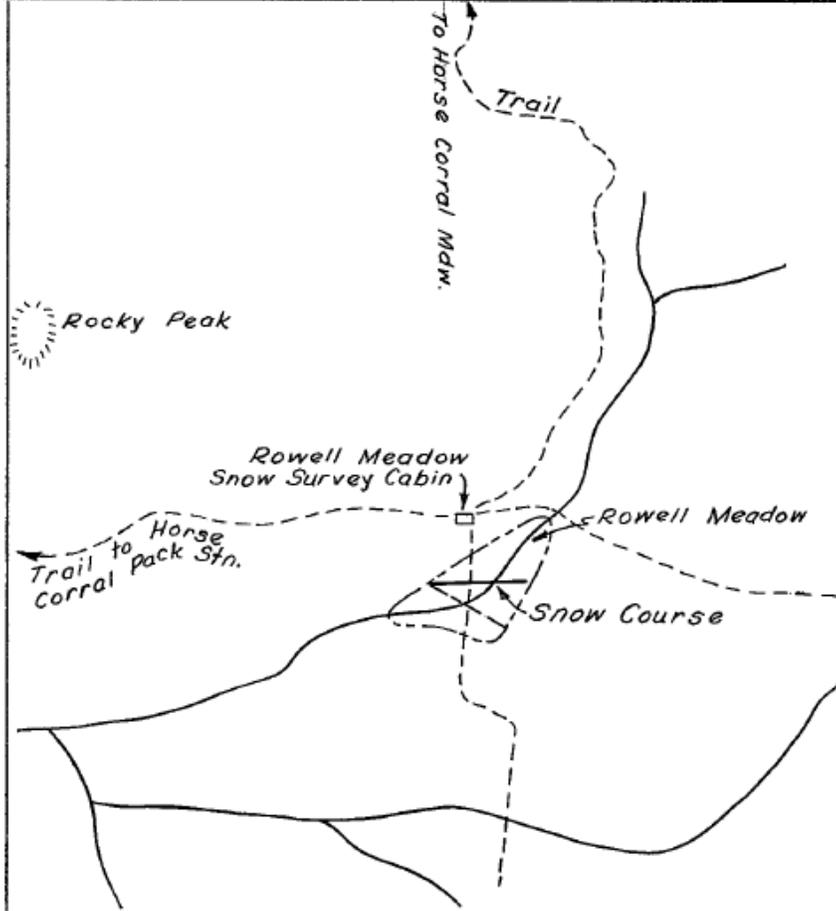
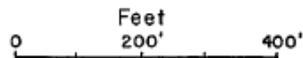
Rte 13S12

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Google Earth



Note: All bearings shown are true.



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SNOW COURSE MAP

ROWELL MEADOW #226

DRAINAGE: KINGS RIVER
 ELEVATION: 8850

CORRECTED 1962
 REVISED 1958
 COURSE ESTABLISHED 1942

Q379
 DR. 1959



R9

R8

R7

R6

R5

R4

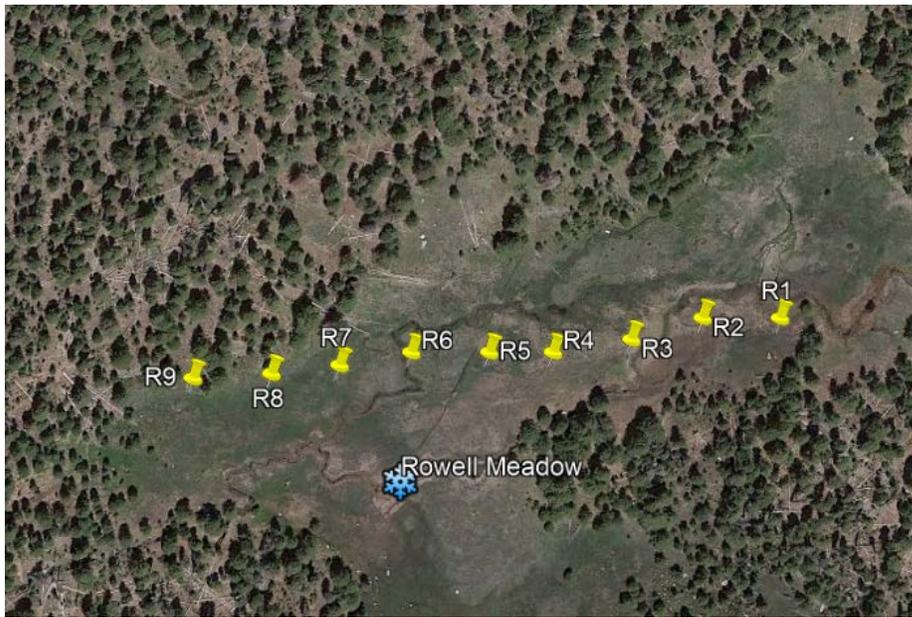
R3

R2

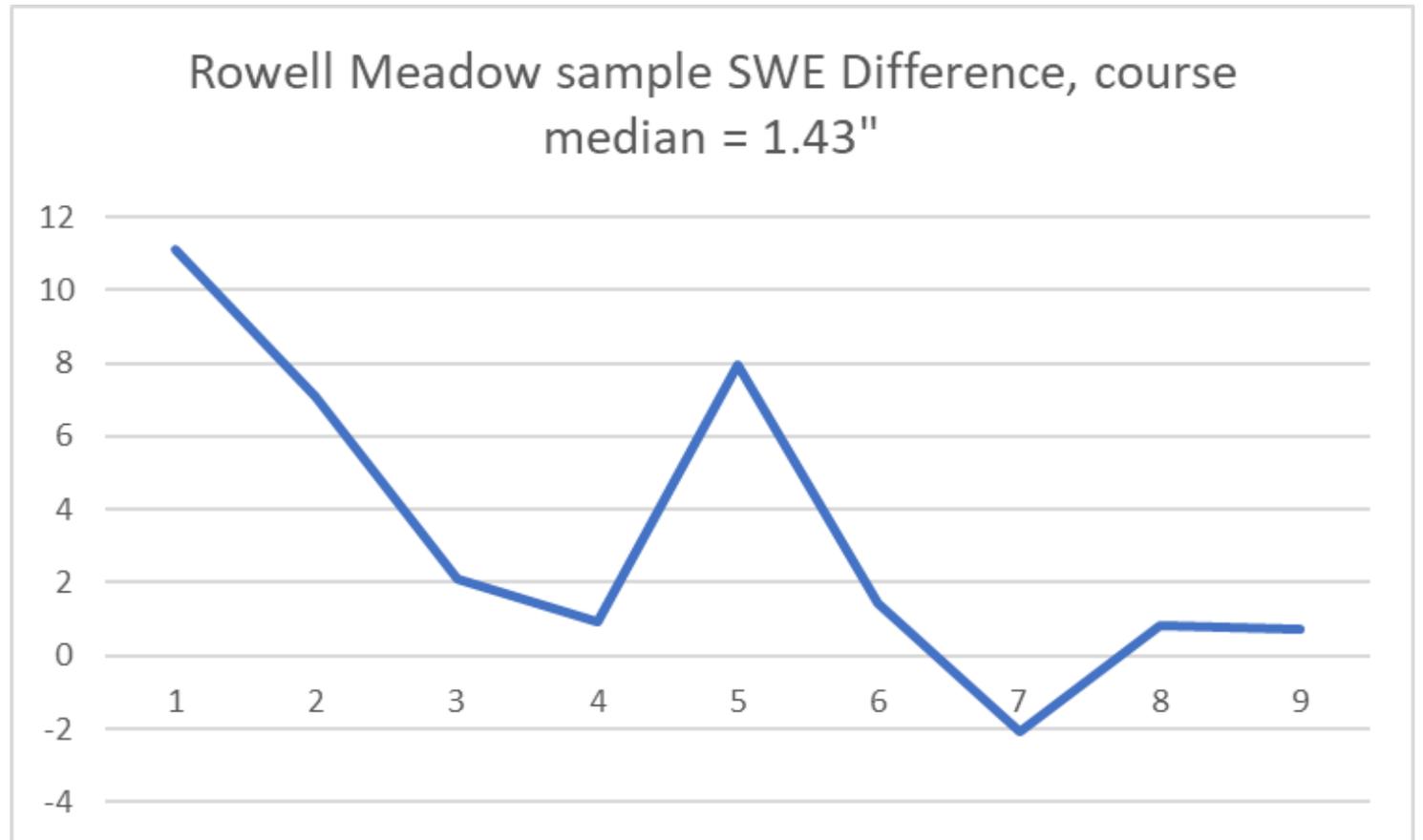
R1

Rowell Meadow

36.717 -118.737

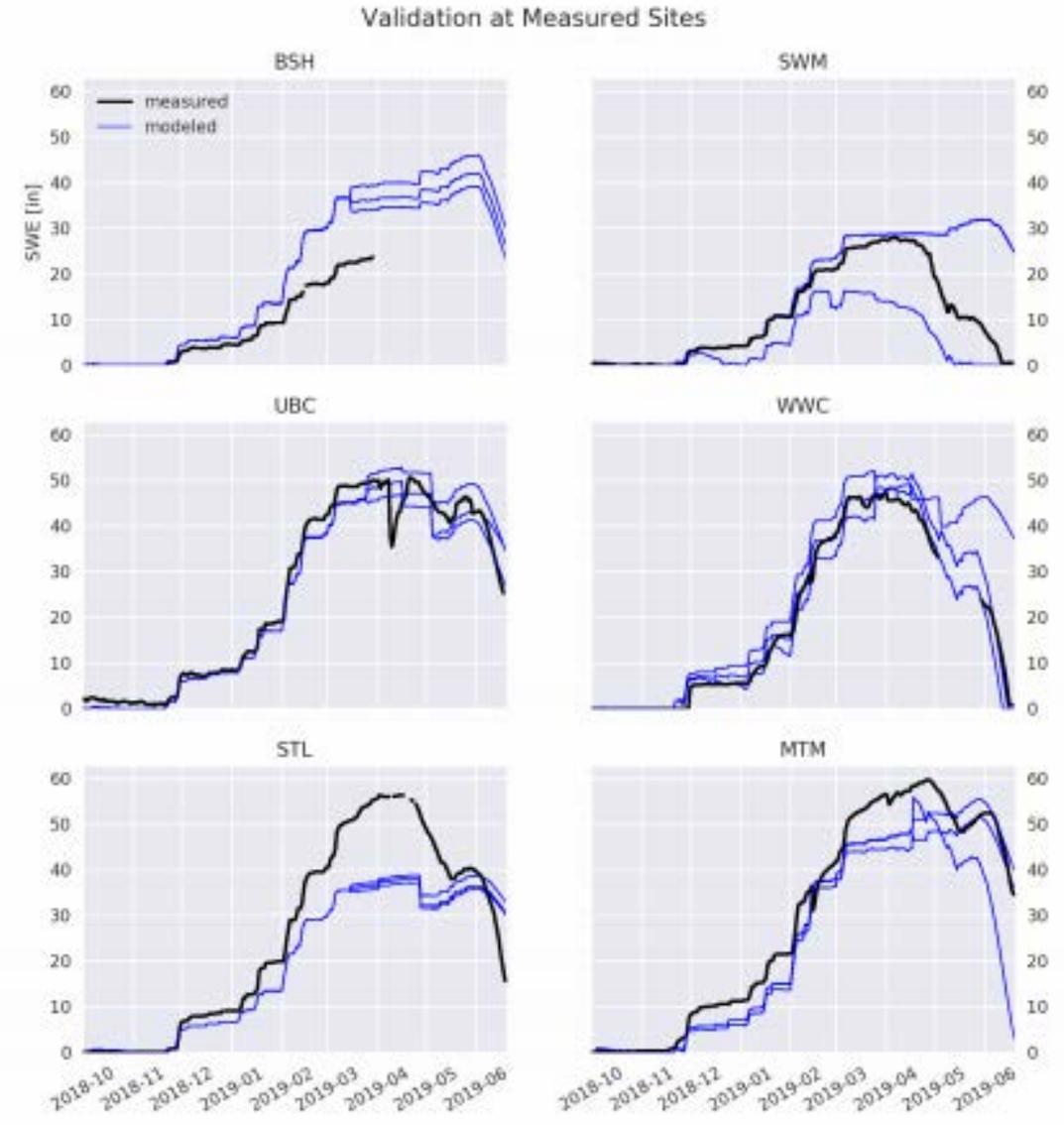
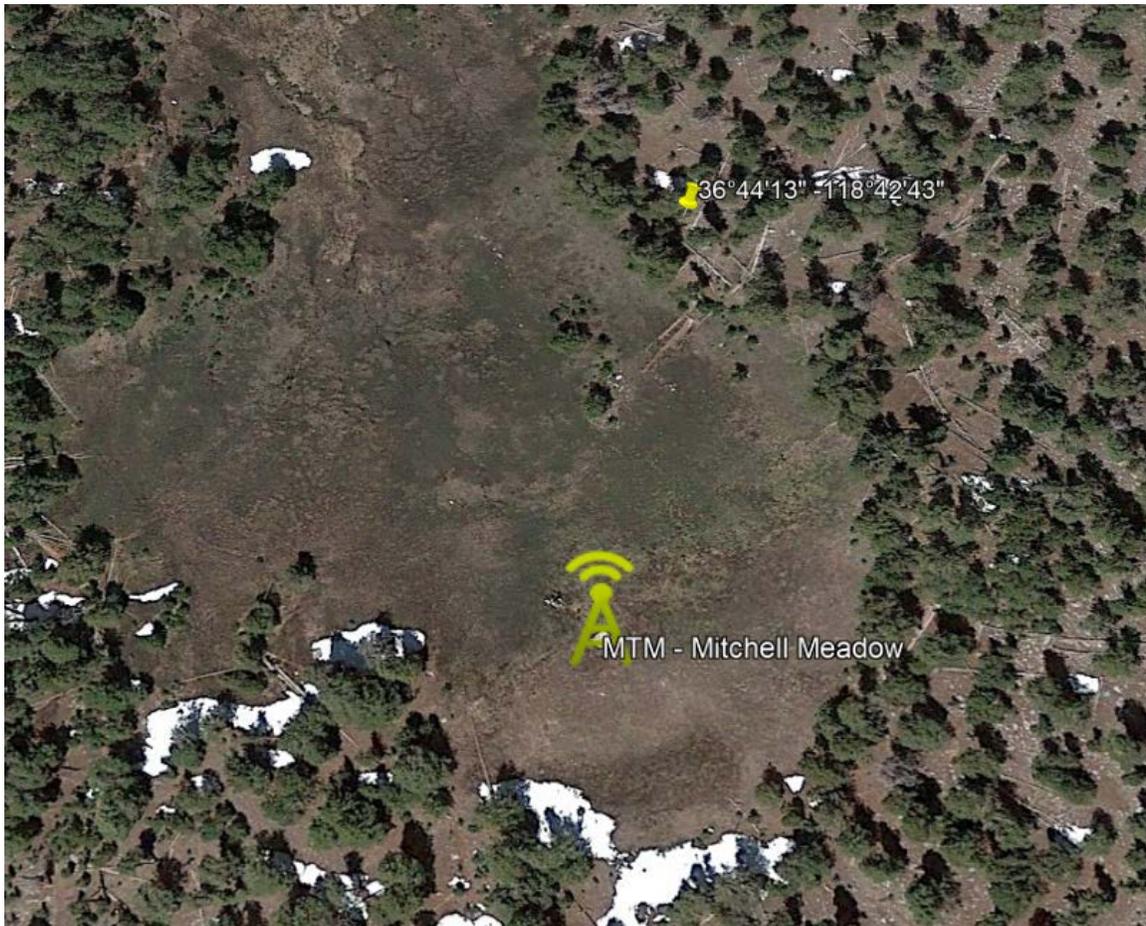


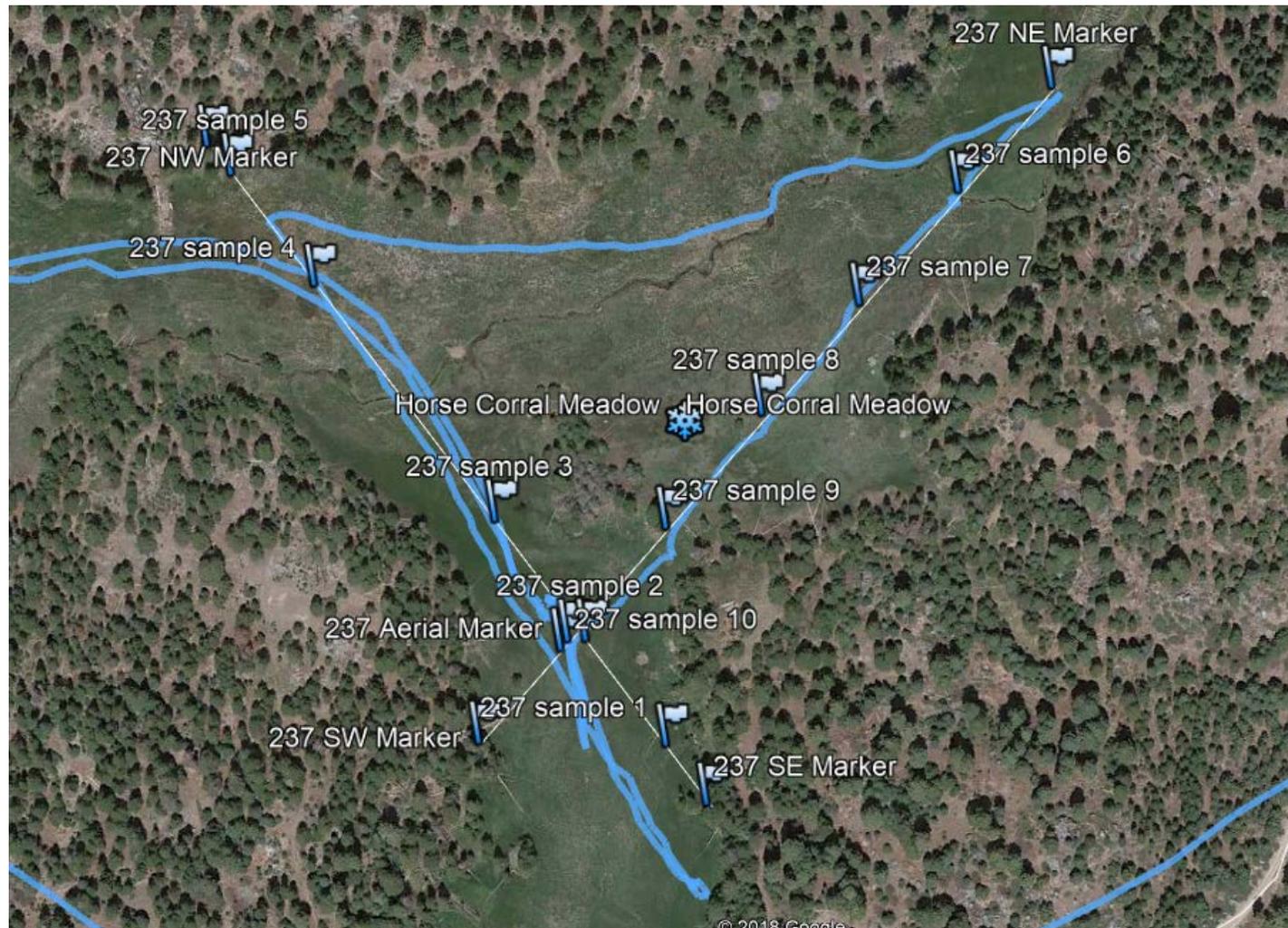
- April 1, 2019 snow survey
- Course average compared to Rowell Meadow corrected coordinate: -1.54"
 - ~3.5%



Snow Sensor Comparison

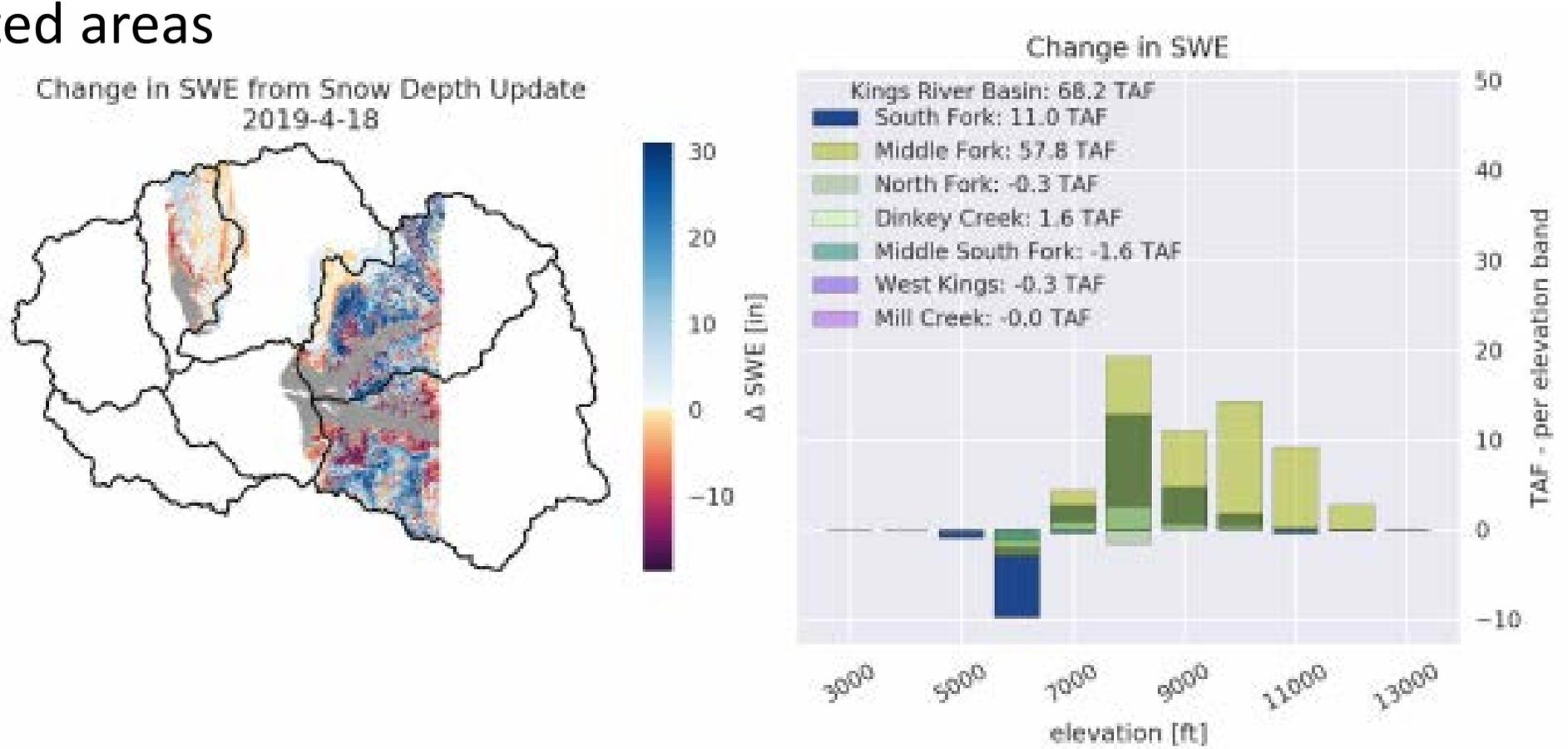
- GPS location issues
- Availability of calibration data





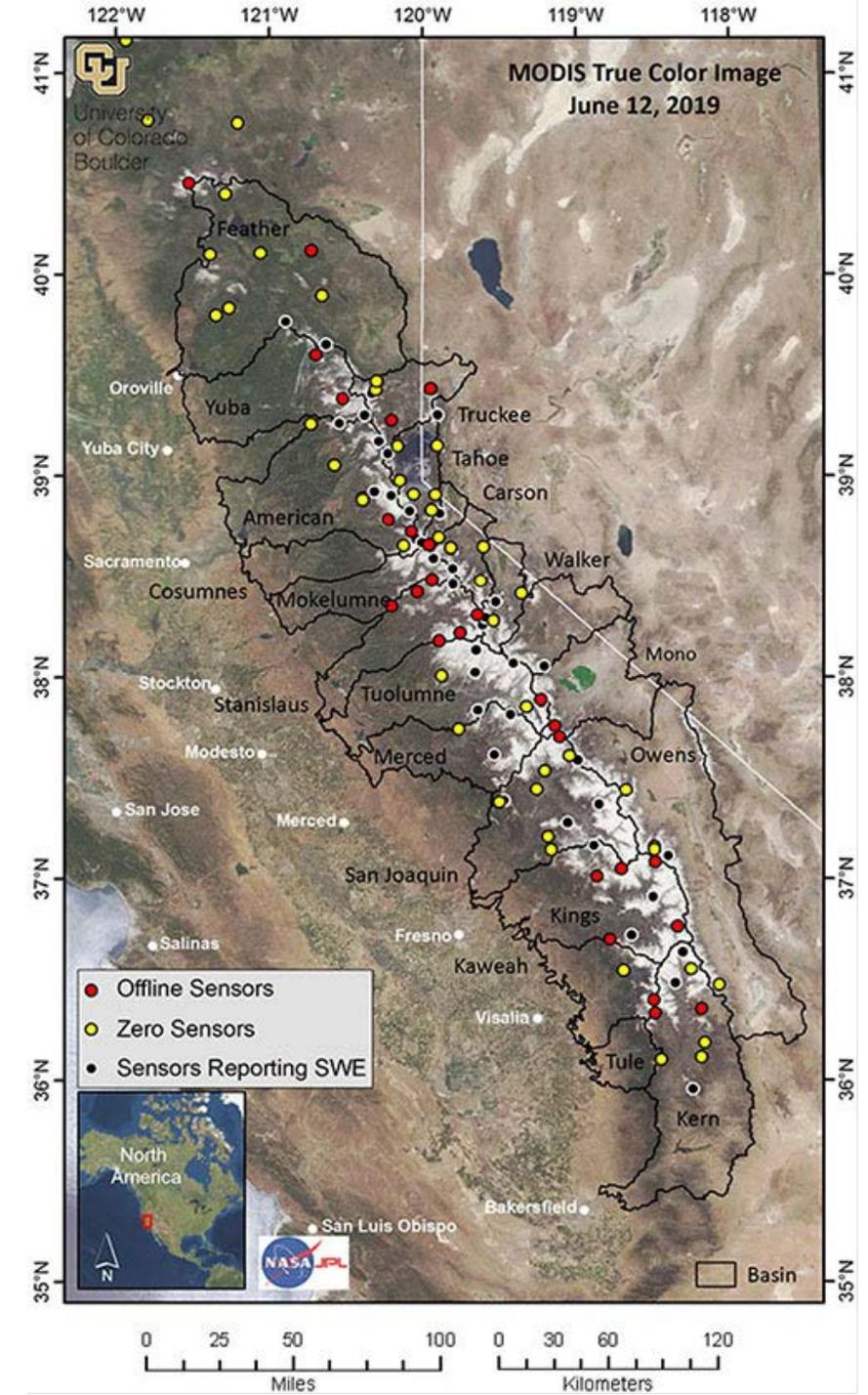
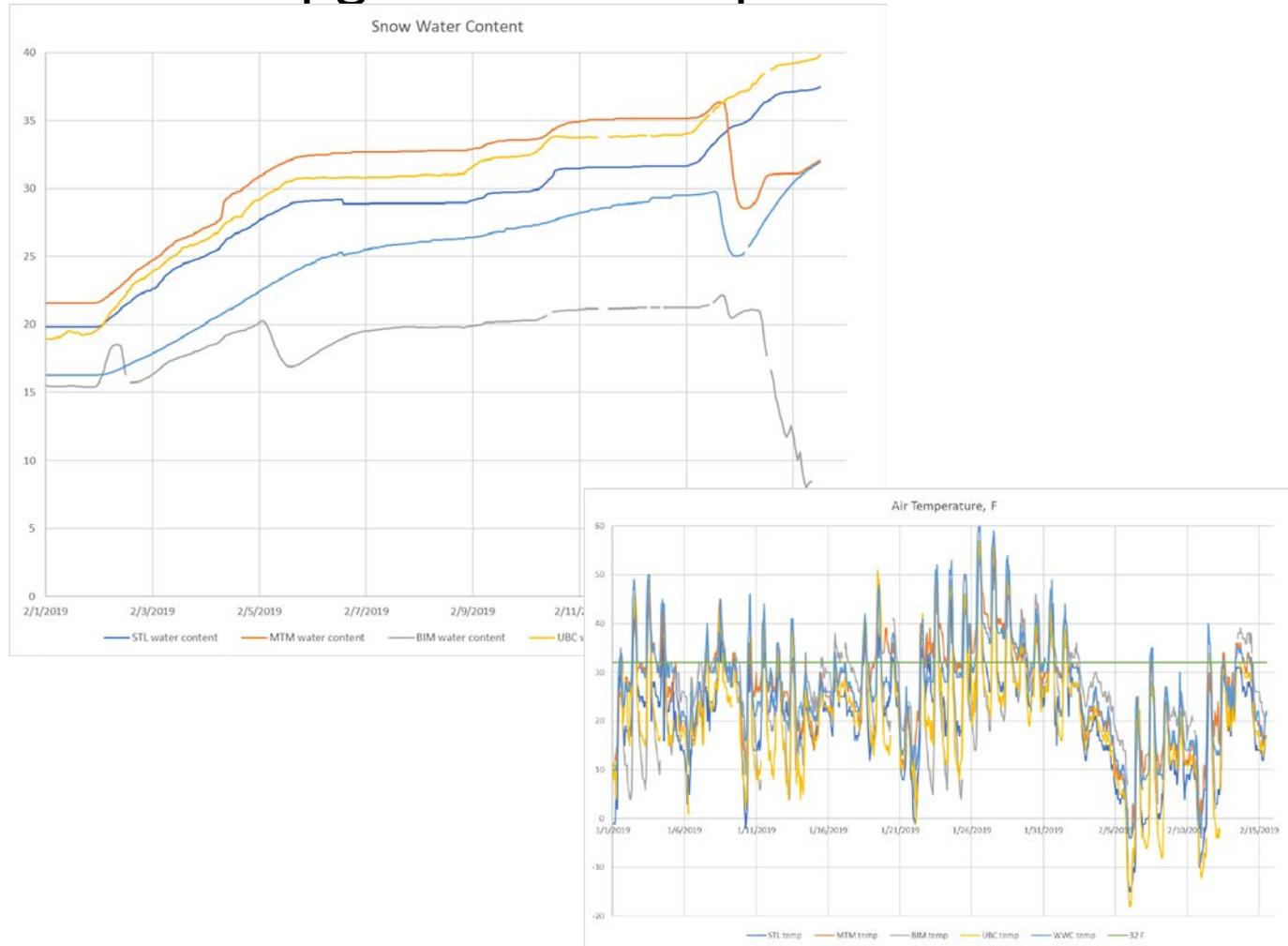
Partial Flights

- Can these inform basin-wide iSnobal model adjustments?
- Cloud cover
- Flight restricted areas



Snow sensors

- Site upgrades and importance of network



The Future of California Water Forecast

