2022 Northeast Snow Survey Program

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Snow Surveys

What is a snow survey?

- Observation of snow depth and water equivalent of snowpack
- In Northeast, they are performed bi-weekly
- Early January-early May
- Network of cooperators - NWS, USGS, energy companies, ...
NY Cooperative Snow Survey
- Program transferred from USGS to NRCC in 1986
- Manage data collection and distribution

Various disparate efforts in New England
Snow Survey Data Flow Example

Not comprehensive
2022 Snow Season

- Coordinated effort NRCC, NWS, NERFC, NOHRSC
- Metadata collected for 1045 sites
- Sites assigned NWSLI
- NRCC web data entry and data collection programs

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<table>
<thead>
<tr>
<th>NWSLI</th>
<th>Alt ID</th>
<th>Site name</th>
<th>Year</th>
<th>Month</th>
<th>Day</th>
<th>Hour (UTC)</th>
<th>Depth (in)</th>
<th>SWE (in)</th>
<th>Notes</th>
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Snow Survey Data Flow Example 2022

Not comprehensive
2022 Snow Season

- Data sent daily to NERFC for shef-encoding and distribution
- Sites reporting: SS1 – 443; SS1A – 528; SS2 – 543; SS2A - 526
- Maps available on NRCC web site

https://www.nrcc.cornell.edu/regional/snowsurvey/snowsurvey.html

Map also includes NY CoCoRaHS and Allegheny River snow survey
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Snow Survey maps:

• https://www.nrcc.cornell.edu/regional/snowsurvey/snowsurvey.html