

Vermont Vernal Pool Monitoring Project

Vernal Pool Monitoring Data Sheet



| Pool & Observer Info | | Field Visit: | HOBO Logger: |
|------------------------|-------------------------|--|---|
| Date: _____ | Pool ID: _____ | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 | <input type="checkbox"/> Set up on this visit |
| Time: _____ | Town: _____ | Acoustic Monitor: <input type="checkbox"/> Deployed (Visit 1) <input type="checkbox"/> Already deployed (Visit 2) <input type="checkbox"/> Collected (Visit 3) | <input type="checkbox"/> Already in the pool |
| Observer Names: | GPS Coordinates: | | <input type="checkbox"/> Reconfigured on this visit |
| 1 _____ | Lat: _____ | HOBO Water Temperature: <input type="checkbox"/> Data Downloaded <input type="checkbox"/> Did Not Download Data | |
| 2 _____ | Long: _____ | | |

| Physical Parameters | | Weather | |
|----------------------------------|-------------------------|--|---|
| % Ice-Covered: _____ | Water Level (cm): _____ | Air Temperature (°F): _____ | Wind (Beaufort Force): <input type="checkbox"/> 0 <input type="checkbox"/> 2 <input type="checkbox"/> 4 |
| % Vegetation-Covered: | | <input type="checkbox"/> 1 <input type="checkbox"/> 3 <input type="checkbox"/> 5 | |
| Submerged Aquatic: _____ | Floating Aquatic: _____ | Conditions: <input type="checkbox"/> Overcast <input type="checkbox"/> Rain <input type="checkbox"/> Sunny <input type="checkbox"/> Hail <input type="checkbox"/> Sleet <input type="checkbox"/> Partly Cloudy <input type="checkbox"/> Graupel <input type="checkbox"/> Snow | |
| Emergent: _____ | Shrubs: _____ | | |
| Trees: _____ | | | |
| Physical Parameter Notes: | | Weather Notes: | |

| Amphibian & Macroinvertebrate Survey | | | | | Spermatophores Found? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
|--------------------------------------|-----------------------------|-------|---|-------|--|---|------------------|
| Egg Mass Survey | Edge Survey | | Interior Survey | | Macroinvertebrate Survey | Amphibian/Macroinvertebrate Notes: | |
| | Obs 1 | Obs 2 | Obs 1 | Obs 2 | | | |
| Start Time | | | | | Fairy Shrimp | | Caddisfly Larvae |
| WOFR | | | | | | | |
| SPSA | | | | | N. Square | | |
| JESA | | | | | E. Square | | |
| BLSA | | | | | S. Square | | |
| Stop Time | | | | | W. Square | | |
| | | | | Total | | | |
| Visual | Edge Survey Area: _____ | | Did you use polarized glasses? <input type="checkbox"/> Yes <input type="checkbox"/> No | | Obs 1: <input type="checkbox"/> Yes <input type="checkbox"/> No | Obs 2: <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Impairment: | Interior Survey Area: _____ | | Did you use binoculars? <input type="checkbox"/> Yes <input type="checkbox"/> No | | Obs 1: <input type="checkbox"/> Yes <input type="checkbox"/> No | Obs 2: <input type="checkbox"/> Yes <input type="checkbox"/> No | |

| Code | % Cover |
|------|---------|
| 0 | 0 % |
| 1 | 1-10 % |
| 2 | 11-25 % |
| 3 | 26-50 % |
| 4 | 51-75 % |
| 5 | ≥76 % |
| 6 | ≥95% |

| Level | Conditions |
|-------|---|
| 0 | Calm, smoke rises vertically. |
| 1 | Light air, rising smoke drifts. |
| 2 | Light Breeze, leaves rustle and wind can be felt on face. |
| 3 | Gentle Breeze. |
| 4 | Wind raises dust and loose paper; small branches move. |
| 5 | Small trees sway; waves form on lakes, |
| 6 | Large branches move. |

| Code | Description |
|------|---|
| 0 | Survey area not visually impaired. |
| 1 | Less than 25% of survey area visually impaired. |
| 2 | 25-50% of survey area visually impaired. |
| 3 | More than 50% survey area visually impaired. |

Egg Mass Species Codes

WOFR: Wood Frog
SPSA: Spotted Salamander
BLSA: Blue-Spotted Salamander
JESA: Jefferson Salamander