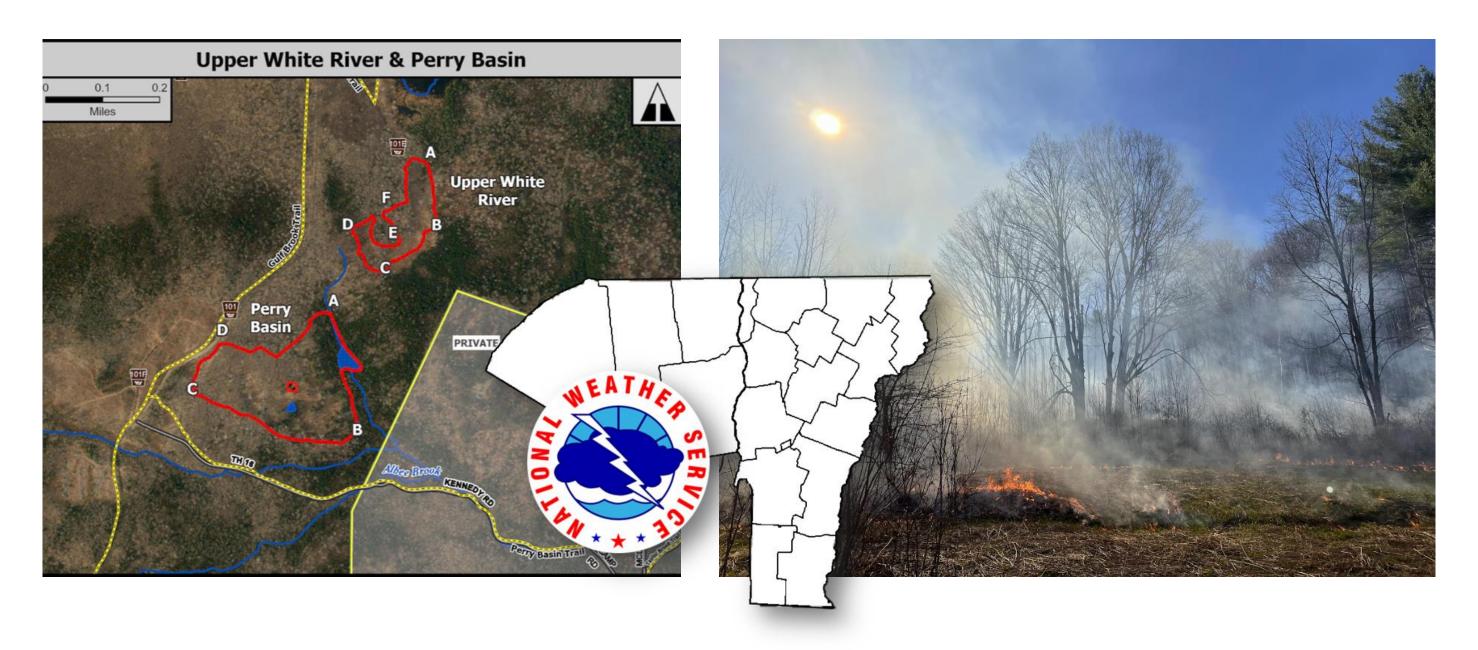


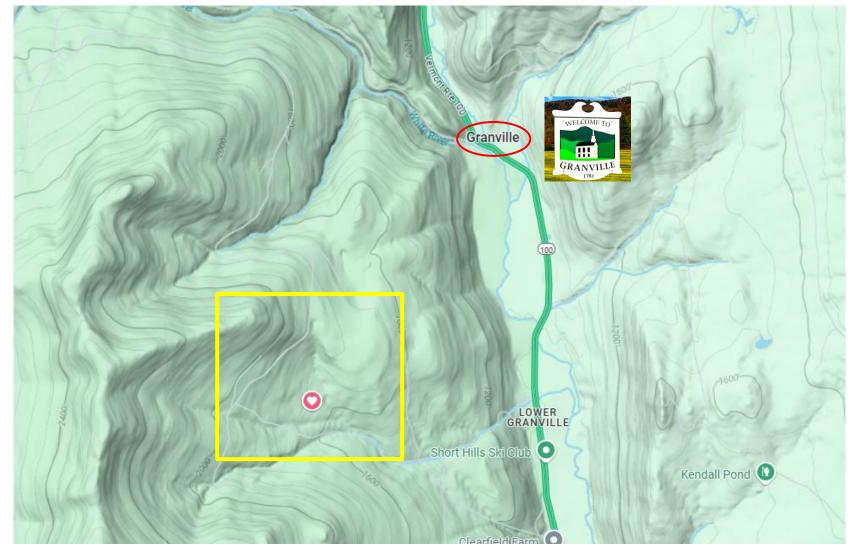
Perry Basin Prescribed Burn with GMNF

On-Site Decision Support April 26, 2024









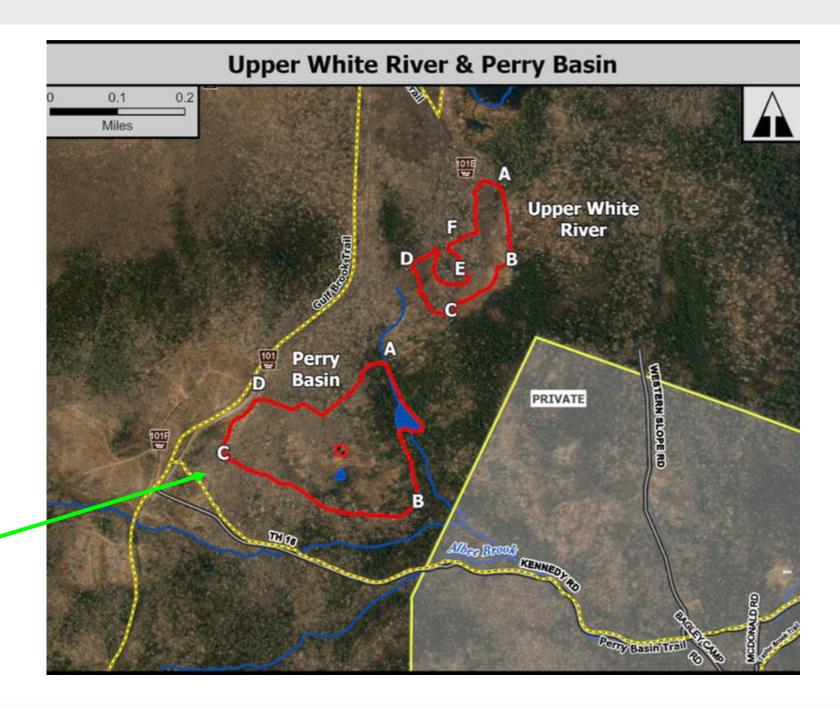
- Green Mountain National Forest
- Near Granville, Vermont
- Mid slope elevation 2000 feet
- Prescribed burn about 26 acres







- Perry Basin
- Historic structure in center
- Bordered partially by a brook (side A-B)
- Side C-D coming close to the dirt road (Gulf Brook Trail)
- "Pumpkin" of water located near







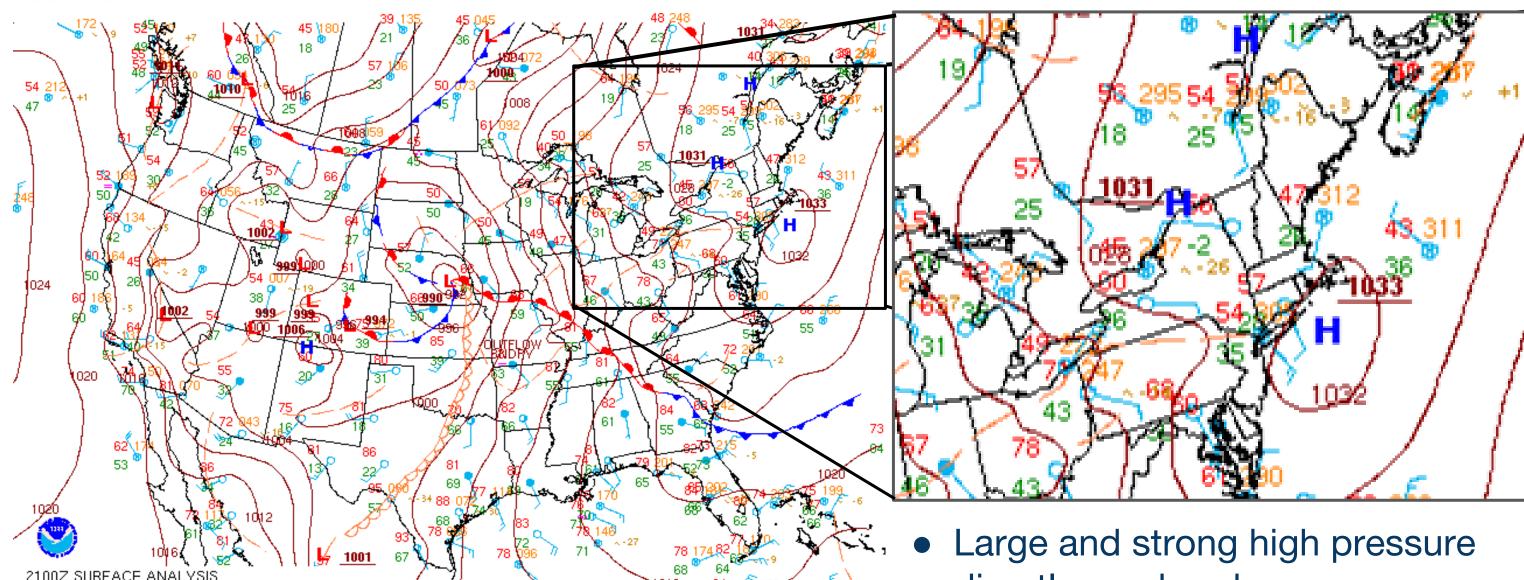


Mt. Mansfield Webcam via WCAX

- Snowed at higher elevations on April 20, just days before the prescribed burn
- Mt. Mansfield snow depth on the day of the burn: 58 inches
- Prescribed burn mid slope elevation: 2000 feet













Models



- Topography a complex bowl structure
- Wind Ninja program utilized to model wind direction and speed
- Model was showing 3 to 5 mph NNE wind around 2 PM the day of the prescribed burn



Weather

Forecast

Sunny conditions will prevail across the region. Most regions had good recoveries of relative humidity overnight, but sites near Granville are reporting values around 60 percent already. Minimum relative humidity values will occur around 1 PM to 5 PM today, and will range between 20 to 25 percent. Winds today will be largely terrain driven. Winds will initially be light and variable. Given the terrain composition, think the wind direction will favor north or northeasterly winds near the site this afternoon. Wind speeds will be around 5 mph today.

For tonight, warmer minimum temperatures should result in poorer recovery of relative humidity. Winds will transition towards south or southeast winds with little increase in moisture. By tomorrow afternoon, wind speeds are likely to be 5 to 10 mph with gusts 15 to 20 mph possible. Minimum relative humidity values on Saturday will likely range between 25 and 30 percent. Scattered rain showers will become possible heading into Sunday.

- Sunny conditions
- Minimum relative humidity: 20-25% occurring 1 PM - 5 PM
- Winds terrain-driven 5 mph N or NE



Weather

Forecast

```
.REST OF TODAY...
Sky/weather.....Sunny (0-10 percent).
Chance of pcpn.....0 percent.
LAL.....1.
Begin/end of pcpn...
Max temperature....Around 53.
Min humidity......23 percent.
Wind (20 ft).....Light winds becoming northeast around 5 mph.
Mixing height......6200 ft AGL.
Transport winds.....North 6 to 8 mph.
Haines Index.....4 or low potential for large plume dominated
               fire growth.
TIME (EDT)
            8AM 9AM 10A 11A 12P 1PM 2PM 3PM 4PM 5PM
Weather cov....
Weather type....
Tstm cov.....
Chc of pcpn (%).0 0 0 0
Temp......28 33 38 43 46 49 51 52 53 53
RH......60 49 38 32 28 25 24 24 23 24
20 FT wind dir..N N N NE E NE NE NE NE
20 FT wind spd..1 2 3 3 3 5 5 5 5
20 FT wind gust.3 5 5 6 6 6 6 6 6
Mix hgt (kft)...1.6 3.1 4.5 5.0 5.5 5.8 6.2 6.1 5.9 5.8
Transp wind dir.N N N N N N NW NW NW
Transp wind spd.6 7 8 8 7 7 7 8 8 7
Haines index....4 4 4 4 4 4 4 4 4 4
```

- Sunny conditions
- Minimum relative humidity: 20-25% occurring 1 PM - 5 PM
- Winds terrain-driven 5 mph N or NE



Decision Support



Taking weather observations



Reporting them via radio

- 1. Incident weather briefing on expected weather conditions
- 2. Half hour weather updates via radio stating current:
 - Temperature
- Relative humidity
- Wind direction
- Wind speed
- Significant wind shifts
- Fine dead fuel moisture
- Probability of ignition
- Changes in fire behavior
- Smoke observations



Decision Support







Decision Support

| Optional Fo | orm 251 (12) | ee) USDA/ | usdi MO | BILE F | IRE WEAT | THER OBSE | RVER'S | S RECO | RD | | |
|-----------------|-----------------|-----------|-----------------------------------|------------|------------------|-------------|-------------------|-----------------|-------------|-------------|--------|
| Date | 6 /267 | / | Location Upper W | hik R | iver and | ferry basin | Elevation 1770 |) Feet | Aspect i | 35° E \$ | w |
| Exposure (Ridge | i | 1 | Cover Type (As | muicutor o | f wind obstructi | on) | Stand Der | nsity (As indi | cator of wi | obstru | ction) |
| Time | Tempe (Degre | | Relative Humidity (Percent) | Speed | Direction | -72.865W | | teristics and C | | | *** |
| (_ST) | Dry | Wet Zo | 24% | (M.p.h.) | SSE | C) i | | nstructions o | | P- | 600 |
| 12:30 | 50 | 19 | 22% | 6 1 | SE | fine dead | the r | | 66 | | |
| 13:30 | | 19 | 22 | 1-34 | عاد | FOFM | 5 | | G 6 | | |
| 14:00 | 52 | 19 | 22 | calm | - | FORM | 0 | | | | |
| 1/10 | 60 | 1/1 | 20 | Say | CC | FORM | 2 | 7 | GE | () | |
| 14:36 | (1) | 16 | LL | 65(1-3 | SE | TOEM | 2 | 0- | 500 | 00 | |
| 15:30 | 57 | 127 | 20 | - | 1:0 | FOLI | 2 | 7 | +0 | 60 | |
| * U.S. G.P.0 | D.:1998 693- | 044 | 122 | | 156 | PARIC | .). | | مالما | (0) | 0 |

- FDFM = Fine Dead Fuel Moisture
- PIG = Probability of Ignition





- Sunshine
- Winds
 - Light, 2-4 mph
 - A few gusts 4-6 mph around 2
 PM
 - Upslope terrain driven/eastsoutheast
- Relative humidity
 - 20-24% during the burn
 - Minimum RH of 20% at 3 PM
 - Started to increase toward 5
 PM





FDFM and PIG

Our Role Onsite

Table A REFERENCE FUEL MOISTURE

Day Time 0800 - 1959

| | | Relative Humidity (Percent) | | | | | | | | | | | | | | | | | | | |
|-------------|---|-----------------------------|-------|-------|-------|-------|-------|--------|---------|--------|---------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | | | | | | | Rela | ative H | lumidi | ty (Per | cent) | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Temperature | 0-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 36-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 | 100 |
| (F) | | | | | | | | | | | | | | | | | | | | | |
| 10 - 29 | 1 | 2 | 2 | 3 | 4 | 5 | 5 | 6 | 7 | 8 | 8 | 8 | 9 | 9 | 10 | 11 | 12 | 12 | 13 | 13 | 14 |
| 30 - 49 | 1 | 2 | 2 | 3 | 4 | 5 | 5 | 6 | 7 | 7 | 7 | 8 | 9 | 9 | 10 | 10 | 11 | 12 | 13 | 13 | 13 |
| 50 - 69 | 50 - 69 1 2 2 3 4 5 5 6 6 7 7 8 8 9 9 10 11 12 12 12 13 | | | | | | | | | | | | | | | | | | | | |
| 70 - 89 | 70 - 89 1 1 2 2 3 4 5 5 6 7 7 8 8 8 9 10 10 11 12 12 13 | | | | | | | | | | | | | | | | | | | | |
| 90 - 109 | 90 - 109 1 1 2 2 3 4 4 5 6 7 7 8 8 8 9 10 10 11 12 12 13 | | | | | | | | | | | | | | | | | | | | |
| 109+ | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 5 | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 10 | 10 | 11 | 12 | 12 | 12 |
| | | | | | | | Go | to Tab | oles B, | C, or | D for C | orrect | ions | | | | | | | | \neg |

Table B
DEAD FUEL MOISTURE CONTENT CORRECTIONS

| ٦ | | 30 | 00 | > | 10 | 000 | _ | 12 | 200 | > | 14 | 00 | > | 16 | 00 | > | 18 | 300 |) > |
|----|------------|------|------|-----|------|-----|-----|------|-----|-----|-----|------|----|-----|------|-----|------|-----|-----|
| | % Slope | В | L | A | В | L | A | В | L | A | В | L | A | В | L | A | В | L | A |
| ı, | 0 - 30% | 2 | 3 | 4 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 3 | 4 |
| " | 31% + | 3 | 4 | 4 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 3 | 4 | 4 |
| E | 0 - 30% | 2 | 2 | 3 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 3 | 4 | 4 |
| | 31% + | 1 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 5 | 6 |
| s | 0 - 30% | 2 | 3 | 3 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 3 | 3 |
| 9 | 31% + | 2 | 3 | 3 | 1 | 1 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 |
| ^ | 0 - 30% | 2 | 3 | 4 | 1 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 3 | 3 |
| ** | 31% + | 4 | 5 | 6 | 2 | 3 | 4 | 1 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 2 |
| | Shaded - (| Gree | ter | tha | an o | r E | qua | l to | 50 | % S | had | ling | of | Sur | fac | e F | uels | | |
| Ν | 0%+ | 4 | 5 | 5 | 3 | 4 | 5 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 5 | 4 | 5 | 5 |
| E | 0% + | 4 | 4 | 5 | 3 | 4 | 5 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 5 | 4 | 5 | 6 |
| S | 0% + | 4 | 4 | 5 | 3 | 4 | 5 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 5 | 4 | 5 | 5 |
| Ν | 0%+ | 4 | 5 | 6 | 3 | 4 | 5 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 5 | 4 | 4 | 5 |
| 1 | B = Ar | ea c | of c | on | cer | n 1 | 100 | 0'-2 | 200 | 0,1 | bel | wo | WX | si | te I | oc | atic | n | Ī |

| - | Exp | 0054 | d- | Les | ss t | han | 50 | % S | had | ling | of | Sur | fac | e Fi | aels | | | | |
|----|------------|------|------|-----|------|-----|-----|------|-----|------|------|-----|-----|------|------|-----|------|-----|-----|
| Т | | 30 | 300 | V | 10 | 000 | > | 12 | 200 | > | 14 | 00 | > | 16 | 00 | > | 18 | 300 |) ; |
| | % Slope | В | L | Α | В | L | Α | В | L | Α | В | L | Α | В | L | A | В | L | 1 |
| м | 0 - 30% | 4 | 5 | 6 | 3 | 4 | 5 | 2 | 3 | 4 | 2 | 3 | 4 | 3 | 4 | 5 | 4 | 5 | 1 |
| " | 31% + | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 1 |
| ΕĪ | 0 - 30% | 4 | 5 | 6 | 3 | 4 | 4 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 4 | 5 | 4 | 5 | 1 |
| ٦ | 31% + | 4 | 5 | 6 | 2 | 3 | 4 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 5 | 6 | 4 | 5 | - |
| s | 0 - 30% | 4 | 5 | 6 | 3 | 4 | 5 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 5 | ì |
| ျ | 31% + | 4 | 5 | 6 | 2 | 3 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 5 | ı |
| λd | 0 - 30% | 4 | 5 | 6 | 3 | 4 | 5 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | ì |
| 'n | 31% + | 4 | 5 | 6 | 4 | 5 | 6 | 3 | 4 | 4 | 2 | 2 | 3 | 2 | 3 | 4 | 4 | 5 | 1 |
| | Shaded - (| Gree | ter | the | an o | r E | qua | l to | 50 | % S | had | ing | of | Sur | fac | e F | uels | | _ |
| N | 0%+ | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | ŀ |
| ΕĪ | 0% + | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | |
| s | 0% + | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | Ī |
| М | 0% + | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | ì |
| ┪ | B = Ar | ea c | of c | on | cer | n 1 | 100 | 0"- | 200 | 0, 1 | belo | w | w | si | el | oc | atic | n | |

Table C
DEAD FUEL MOISTURE CONTENT CORRECTIONS

| | Exp | 1086 | d - | Les | ss t | han | 50 | % S | hac | fing | of | Su | fac | e F | uels | 3 | | | |
|---|------------|------|------|-----|------|-----|------|------|-----|------|-----|------|-----|-----|------|-----|------|-----|-----|
| П | V5-0000 | 08 | 300 |)> | 10 | 000 |) > | 12 | 200 |) > | 14 | 00 | > | 16 | 00 | > | 18 | 300 |) > |
| | % Slope | В | L | Α | В | L | Α | В | L | Α | В | L | A | В | L | Α | В | L | A |
| N | 0 - 30% | 3 | 4 | 5 | 1 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 3 | 4 | 5 |
| " | 31%+ | 3 | 4 | 5 | 3 | 3 | 4 | 2 | 3 | 4 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 5 |
| E | 0 - 30% | 3 | 4 | 5 | 1 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 3 | 3 | 4 | 5 |
| - | 31%+ | 3 | 3 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 4 | 5 | 4 | 5 | 6 |
| s | 0 - 30% | 3 | 4 | 5 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 4 | 5 |
| 3 | 31%+ | 3 | 4 | 5 | 1 | 2 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 4 | 5 |
| w | 0 - 30% | 3 | 4 | 5 | 1 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 4 | 5 |
| ٠ | 31%+ | 4 | 5 | 6 | 3 | 4 | 5 | 1 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 4 |
| | Shaded - 0 | Grea | iter | tha | an o | r E | qua | l to | 50 | % S | hac | ling | of | Sur | fac | e F | uels | | |
| N | 0%+ | 4 | 5 | 6 | 4 | 5 | 5 | 3 | 4 | 5 | 3 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 6 |
| Ε | 0%+ | 4 | 5 | 6 | 3 | 4 | 5 | 3 | 4 | 5 | 3 | 4 | 5 | 4 | 5 | 6 | 4 | 5 | 6 |
| S | 0%+ | 4 | 5 | 6 | 3 | 4 | 5 | 3 | 4 | 5 | 3 | 4 | 5 | 3 | 4 | 5 | 4 | 5 | 6 |
| W | 0%+ | 4 | 5 | 6 | 4 | 5 | 6 | 3 | 4 | 5 | 3 | 4 | 5 | 3 | 4 | 5 | 4 | 5 | 6 |
| | B = Are | ea c | of c | on | cer | n 1 | 100 | 0,- | 200 | 0, | bel | ow | WX | si | te I | oc | atic | n | 7 |
| | L = Are | ea c | of c | on | cer | n v | with | nin | +/- | 10 | 00, | of | WX | si | te I | oci | atio | n | |
| | A = Are | ea c | of c | on | cer | n f | 100 | 0'-2 | 200 | 0' | abo | ve | WX | si | te I | oci | atic | n | |

| Shading | Dry Bulb | | | Pr | oba | bili | ty (| of Iç | nit | ion | Ta | | | | | | |
|-----------|----------|-----|-----|----|-----|------|------|-------|------|-----|-----|----|----|-----|----|----|----|
| (Percent) | Temp (F) | | | FI | NE | DEA | DF | UEL | . MC | IST | URE | PE | RC | ENT | | | |
| 1 7 | 0.000 | 2 | 3 | 4 | 5 | 6 | 17.0 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | £1 |
| | 110+ | 100 | 100 | 80 | 70 | 60 | 60 | 50 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 20 | 11 |
| | 100-109 | 100 | 90 | 80 | 70 | 60 | 60 | 50 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 10 | 1 |
| | 90-99 | 100 | 90 | 80 | 70 | 60 | 50 | 40 | 40 | 30 | 30 | 30 | 20 | 20 | 20 | 10 | 1 |
| Unshaded | 80-89 | 100 | 90 | 80 | 70 | 60 | 50 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 10 | 10 | 10 |
| <50% | 70-79 | 100 | 80 | 70 | 60 | 60 | 50 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 10 | 10 | 1 |
| | 60-69 | 90 | 80 | 70 | 60 | 50 | 50 | 40 | 30 | 30 | 20 | 20 | 20 | 20 | 10 | 10 | 1 |
| | 50-59 | 90 | 80 | 70 | 60 | 50 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 10 | 10 | 10 | 1 |
| | 40-49 | 90 | 80 | 70 | 60 | 50 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 10 | 10 | 10 | 1 |
| 4 3 | 30-39 | 80 | 70 | 60 | 50 | 50 | 40 | 30 | 30 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 1 |
| | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 1 |
| | 110+ | 100 | 90 | 80 | 70 | 60 | 50 | 50 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 10 | |
| | 100-109 | 100 | 90 | 80 | 70 | 60 | 50 | 50 | 40 | 30 | 30 | 30 | 20 | 20 | 20 | 10 | 1 |
| | 90-99 | 100 | 90 | 80 | 70 | 60 | 50 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 10 | 10 | 1 |
| Shaded | 80-89 | 100 | 80 | 70 | 60 | 60 | 50 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 10 | 10 | 1 |
| >50% | 70-79 | 90 | 80 | 70 | 60 | 50 | 50 | 40 | 30 | 30 | 30 | 20 | 20 | 20 | 10 | 10 | 1 |
| | 60-69 | 90 | 80 | 70 | 60 | 50 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 10 | 10 | 10 | 1 |
| | 50-59 | 90 | 80 | 70 | | 50 | | | | | | | | | | | |
| | 40-49 | 90 | 80 | 60 | 50 | 50 | 40 | 30 | 30 | 30 | 20 | 20 | 20 | 10 | 10 | 10 | 1 |
| | 30-39 | 80 | 80 | 60 | 50 | 50 | 40 | 30 | 30 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 1 |

| | teristics and Comments natructions on coper) |
|------------------|--|
| fine doal fuel o | noisture 5 PI660 |
| FDFM 5 | PIG 60 |
| FOFM 5 | PIG GO |
| FDFM 5 | PIG 60 |
| FIFN 5 | PT 0 60 |
| FOFM 5 | PT 60 60 |
| FDFM S | PIG 60 |

- Use first table to determine Reference Fuel Moisture (RFM) % using temperature and relative humidity.
- Use other tables based on month of the year, amount of shade (canopies, clouds vs. exposed), aspect and slope, time of day, and elevation.
- Use FDFM to find PIG % from temperature and amount of shade.





- Recent snowfall made fuels difficult to burn
- Environment in some areas was swampy
- The prescribed burn was especially smoky





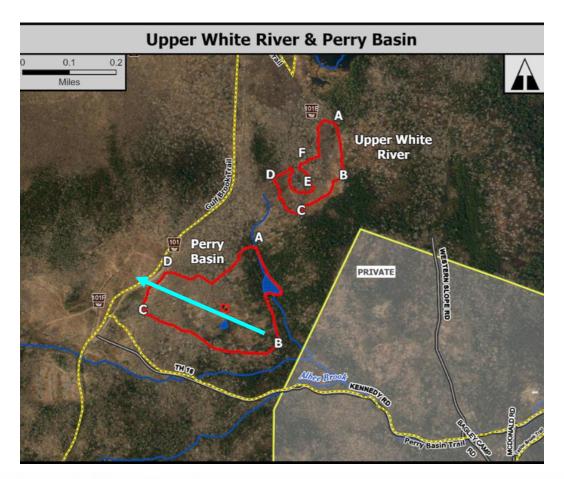
National Weather Service Burlington, VT



- Recent snowfall made fuels difficult to burn
- Environment in some areas was swampy
- The prescribed burn was especially smoky



 Upslope winds could be seen allowing smoke to drift from lower elevations to higher elevations



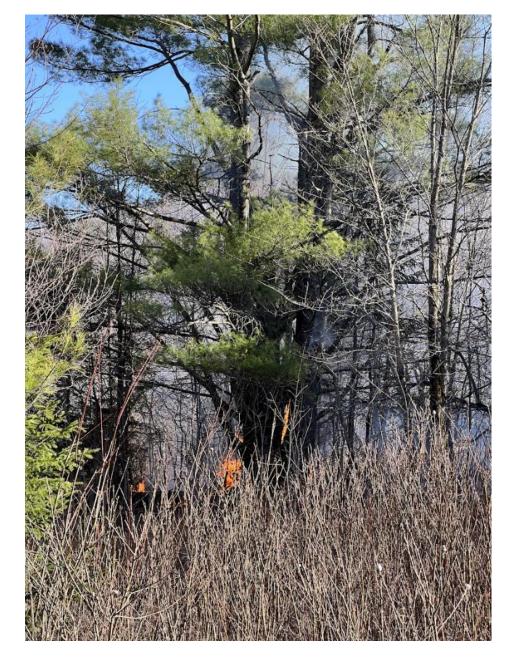




















































Observations vs. Forecast

| Optional Fo | xm 251 (12/ | 88) USDA/ | usoi MO | BILE FI | RE WEA | THER OBSE | RVER'S RE | CORD | |
|-----------------|-------------------|------------------|-----------------------------------|--------------|--------------------|-------------|----------------------|---------------------|----------------|
| Date 4/2 | 6 1262 | 24 | | hik Ri | ver and | ferry basin | Elevation 1770 | Feet Aspect i | 35° E S W |
| Exposure (Ridge | i | 1 | Cover Type (A) | indicator of | wind obstruct | 10%) | Stand Density (A | is indicator of win | d obstruction) |
| Time | Temper (Degree | rature es F.) | Relative Humidity (Percent) | Speed | 970 N Direction | -72.865W | Wind Characteristics | and Comments | |
| (_ST) | Dry | Wet | 16.465.5356453.635.036 | (M.p.h.) | (From) | | | ions on coper) | |
| 12:30 | 49 | 20 | 24% | 1-4 65 | SE | tine dead | | | PI660 |
| 13:00 | 50 | 19 | 22% | 1-34 | SE | FDFM | 5 F | IG 60 | |
| 13:30 | 52 | 19 | 22 | alm | - | FDFM | 5 | PIG 6 | 7 |
| 14:00 | 52 | 19 | 22 | 5 Gryh | E | FDFM | 5 | PIG E | 50 |
| 14:36 | 53 | 16 | 22 | 6 | SE | FIFM | 5 | PIO (| 60 |
| 15:00 | 54 | | 20 | 55(1-3) | SE | EDFM | 5 | PIG | 60 |
| 15:30 | 53 | 187 | 2 | 1-3 | SE | FDFM | 5. | MG | 60 |
| * U.S. G.P. | D.:1998 693- | 044 | TL | | | | | | |

| | .REST OF TODAY | | | | | | | | | | |
|---|---|----------|------------------------|-------------------------------------|---------------|----------|----------|----------|----------|----------|---|
| | Sky/weather Chance of pcpn LAL Begin/end of pcpn Max temperature Min humidity Wind (20 ft) Mixing height Transport winds Haines Index | .0 pc | und ! perce ht w: 0 ft | 53. ent. inds AGL. to 8 | beco 8 mpl | oming | g nor | | | | · |
| | TIME (EDT) 8AM Sky (%)2 Weather cov Weather type Tstm cov | 9AM 2 | 10A 2 | 11A 3 | 12P 3 | 1PM 4 | 2PM 6 | 3PM 6 | 4PM 6 | 5PM 4 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | LAL1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | Temp28 | 33 | 38 | 43 | 46 | 49 | 51 | 52 | 53 | 53 | |
| | RH60 | 49 | 38 | 32 | 28 | 25 | 24 | 24 | 23 | 24 | |
| | 20 FT wind dirN | N | N | NE | Е | NE | NE | NE | NE | N | 1 |
| 1 | 20 FT wind spd1 | 2 | 3 | 3 | 3 | 3 | 5 | 5 | 5 | 5 | |
| | 20 FT wind gust.3 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | Mix hgt (kft)1.6 | 3.1 | 4.5 | 5.0 | 5.5 | 5.8 | 6.2 | 6.1 | 5.9 | 5.8 | |
| | Transp wind dir.N | N | N | N | N | N | N | NW | NW | NW | |
| | Transp wind spd.6 | 7 | 8 | 8 | 7 | 7 | 7 | 8 | 8 | 7 | |
| | Haines index4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | | | | | | | | | | | |



Thanks for Listening!

