

Fire Weather Data -

A fire weather shelter and recording rain gauge were set up on site. We used nearby Georgia Forestry C than setting ours up. Charts on file USFS Athens, GA. We also used belt weather kits (unless otherwi plots with a good hand-held anemometer - not the piece of junk that comes with the belt weather kit. W

| Plot | Date | Time | Dry Bulb °F | wet bulb °F | RH % | Range mph | Wind Average |
|-------|---------|------|-------------|-------------|------|-----------|--------------|
| 3M3 | 3/4/83 | 1211 | 76 | 62 | 45 | | 2-3 |
| 7M4 | | 1350 | 80 | 65 | 44 | 0-7 | |
| 10M2 | | 1440 | 80 | 65 | 38 | 2-9 | |
| | | 1545 | 75 | 60 | 42 | 0-5 | 1-2 |
| | | 1545 | 77 | 62 | 42 | | |
| 9L4 | 3/9/83 | 1010 | 57 | 47 | 45 | 0-6 | 2 |
| | | 1146 | 63 | 49 | 33 | 0-7 | 2 |
| 8M1 | | 1304 | 63 | 49 | 33 | 0-9 | 3 |
| 2L2 | | 1427 | 65 | 50 | 33 | 0-12 | 4 |
| Truck | | 1724 | 59 | 47 | 38 | 0-5 | 2 |
| 11L3 | 3/10/83 | 1300 | 41 | 36 | 61 | 3-5 | |
| 11L3 | 3/11/83 | 1155 | 52 | 43 | 42 | 0-12 | 2 |
| | | 1400 | 52 | 43 | 42 | 0-10 | 4 |
| | | 1536 | 51 | 42 | 46 | 0-16 | 4 |

Weather summary at GFC unit:

| date | Max DB | Min RH | Precip in inches |
|------------|--------|--------|------------------|
| 3/4/83 | 81 | 36 | |
| 3/5/83 | | | 3.5 |
| 3/9/83 | 67 | 30 | |
| 3/10/83 | 41 | 50 | |
| 3/11/83 | 54 | 38 | |
| 3/15-18/83 | | | 1.5 |

National Fire Danger Rating System - computed at GFC Jones/Jasper County Unit

| date | DB | Max DB | RH | Min RH | wind speed | wind dir. |
|---------|----|--------|----|--------|------------|-----------|
| 3/4/83 | 75 | 80 | 51 | 31 | 10 | SE |
| 3/9/83 | 63 | 74 | 34 | 32 | 9 | W |
| 3/10/83 | 43 | ? | 49 | 48 | ? | ? |
| 3/11/83 | 52 | ? | 32 | 65 | 8 | NW |

2.28 inches of rain 3/5 -6 and 2.0 inches 3/16-18

Commission Jones/Jasper County unit (about 5 miles distant) 20ft anemometer data rather
 (as stated) to take on-plot readings in open at roughly 4.5 ft. Wind measurements taken on
 Wind measurements are 1 minute averages

Direction

SE

SSW

S

S

W

SW-N

SW-NW

SW-NW

NW

NW-NNW

NW

NNW

NNW

s

| 1 hr | 10 hr | 100 hr | Ignition | Spread | KBDI |
|------|-------|--------|----------|--------|------|
| 9 | 13 | 13.5 | 20 | 14 | 29 |
| 6 | 12 | 14 | 29 | 13 | 28 |
| 8 | 15 | ? | 7 | 6 | 32 |
| 6 | 12 | 14 | 26 | 11 | 32 |