



**Florida Department of Agriculture & Consumer Services
Division of Forestry**

**Guide to Determination of Fire Readiness Level Based on KBDI and
Atmospheric Dispersion Index**

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FIRE READINESS LEVEL (FRL)

| KBDI | DISPERSION INDEX | | | | |
|-----------------|------------------|-------|-------|-------|-----|
| | 0-20 | 21-40 | 41-60 | 61-80 | >80 |
| VERY LOW | 1 | 1 | 1 | 1 | 1 |
| LOW | 1 | 1 | 1 | 2 | 3 |
| NORMAL | 1 | 1 | 2 | 3 | 4 |
| MODERATE | 2 | 2 | 3 | 4 | 5 |
| SEVERE | 2 | 3 | 4 | 5 | 5 |

- The KBDI (Keetch-Byram Drought Index) classification varies based on region of the state and season.
- This is only a guide to determining the FRL based on environmental conditions. The actual level may vary due to the availability of equipment and personnel as well as the previous day's fire activity.

DESCRIPTION OF FIRE READINESS LEVELS

| FRL | DESCRIPTION |
|----------|--|
| 1 | Little or no fire activity anticipated. |
| 2 | Some "routine" fires anticipated. No more than 50% of resources expected to be needed at any given time. No difficulty in control or mop-up expected. |
| 3 | Very active fire day anticipated. Fire occurrence above average and difficulty of control expected. May have to commit 80% of resources at any given time. |
| 4 | Fire situation expected to be difficult. May have fires carrying over from the previous day, new fire starting, and experiencing difficulty of control. All resources will probably be committed and assistance from outside the district may be required. |
| 5 | Fire situation is extreme and ability to respond will exceed district capability. Fires are numerous, large, and difficult to control and mop up. Outside assistance will be needed beyond a 24-hour period, and an incident command team may be required. |