

## VASL NIGHT, LV HINDRANCE AND OTHER SHADERS HELP

### Six buttons (& fkeys) control shading of the map:

Night (F9)  
LV Hindrance (F11)  
Dust  
Heat Haze (new in 6.6.3)  
Sun Blindness (new in 6.6.3)  
Fog (new in 6.6.3)



Their effects are partly visual, and don't alter the operation of the existing LOS mechanism. Night effects can obscure the images of the LOS-string & its msg-flags, but it doesn't change or alter the content of the LOS-string/msgs. One can toggle Night off while checking LOS, then turn it back on.

Night causes a grey-screen to be drawn over the entire map, including any ctrs. Certain ctrs/overlays (as defined in Ch. E) will automatically 'erase' the Night effects from areas of the map, but won't affect the LV Hindrance shading. For example, a Prep/Def/Gunflash/Flame marker will 'unshade' its hex. An FFE overlay will 'unshade' all 7 hexes of its blast area. A Blaze ctr will unshade all 19 hexes (2-hex radius) of its 'illumination area'. Starshell and IR ctrs/overlays behave in a similar fashion.

The Flame ctr will automatically increase the size of its illumination when it is ctrl-F Flipped to a Blaze. The Trip Flare ctr will activate its illumination when it is unHIPped, but won't illuminate while HIP.

The shaded map, LOS engine, and any applied 'unshade' ctrs/overlays, are 'dumb' to the existing map-terrain. So, an applied illumination-area ctr/overlay will unshade areas that, by rule, should still be shaded. In this case, players must manually apply 'shade' overlays to the obscured areas. These overlays will not respond to the 'unshade' effects of the ctrs, and must be manually replaced as needed.

### List of counters that illuminate during Night:

- > Unit Info tab
  - Prep Fire (incl. Bounding/Opportunity/Advance Fire)
  - First Fire (incl. IFP/SW/Final Fire)
  - Veh First Fire
  - Intensive Fire
- > Map Info > Night tab
  - IR
  - Starshell
  - Trip Flare - illuminates only when not HIP
  - Gunflash
  - Flame/Blaze - adjusts illumination area on ctrl-F Flip
    - 1-level Blaze - 2-hex radius
    - 2-level Blaze - 4-hex radius
    - 3-level Blaze - 6-hex radius
    - 4-level Blaze - 8-hex radius
  - 1-hex shade - for manual shading

- 7-hex shade - for manual shading
- 19-hex shade - for manual shading
- > 5/8 Info > Fortification
  - Trip Flare - illuminates only when not HIP
- > 5/8 Info > Destruction
  - Blazing Building - 2-hex radius
  - Flame/Blaze - adjusts illumination area on ctrl-F Flip

### **List of overlays that illuminate during Night:**

- > OBA
  - FFE
  - Harassing FFE
  - IR
  - Starshell
  - Naval FFE - doesn't include the 2 extra 1/2-FP hexes

A text reminder will be displayed for IFT and TH rolls in the chatter window to remind the player that a +1 LV hindrance applies at night, with an adjusted total for the roll.

### **LV Hindrances:**

As of VASL6.6.3, the LV Hindrance button presents a dialog box, allowing the selection of the following LV hindrance options:

1. No LV (Default) Shading is removed.
2. LV Shading Only is in effect.  
The map is shaded as a reminder that an LV hindrance is in effect.
3. +1 LV (E3.1) is in effect.  
Shading is applied, and a text reminder will be displayed for IFT and TH rolls in the chatter window to remind the player that a +1 LV hindrance is in effect, with an adjusted total for the roll.
4. Mist (E3.32) +0/+1/... is in effect.
5. Rain (E3.51) +0/+1/... is in effect.
6. Heavy Rain (E3.51) +1/+2/... is in effect.
7. Falling Snow (3.71) +0/+1/... is in effect.
8. Heavy Falling Snow(3.71) +1/+2/... is in effect.  
For 3-7, shading is applied, and an LV reminder will be displayed for IFT and TH rolls in the chatter window.

### **Dust:**

The Dust button presents a dialog box, allowing the selection of various dust levels as described in Chapter F.11 of the rulebook and changes VASL behaviour as follows:

1. No Dust (Default) Shading is removed.
2. Light Dust (F11.71) is in effect.
3. Moderate Dust (F11.72) is in effect.

4. Heavy Dust (F11.73) is in effect.
5. Very Heavy Dust (F11.731) is in effect.
6. Extremely Heavy Dust (F11.732) is in effect.
7. Special Dust is in effect. Special dust allows the user to create a specific dust die to conform with SSRs, using the parameters they define on the File -> Preferences -> 'Environment' tab.

For 2-6, progressive dust shading is applied, and a third dust die is rolled for you for IFT, TH and MC (for interdiction) rolls, with the dust die roll added to a total (FRD or FRD as required) and displayed in the chatter window.

The color of the dust die can be changed using the color picker in Preferences -> 'Chat Window' tab -> Third die color.

### **Heat Haze:**

The Heat Haze button presents a dialog box, allowing the selection of Heat Haze levels as follows:

1. No Heat Haze (Default) Shading is turned off
2. Heat Haze (F11.62)
3. Intense Heat Haze (F11.621)

These options will shade the board and display a reminder for IFT and TH rolls in the chatter window.

### **Sun Blindness:**

The Sun Blindness button presents a dialog box, allowing the selection of Sun Blindness levels as follows:

1. No Sun Blindness (Default) Shading is turned off
2. Early Morning Sun Blindness (F11.611) +2 => E
3. Late Afternoon Sun Blindness (F11.612) +2 => W

These options will shade the board and display a reminder for IFT and TH rolls in the chatter window.

### **Fog Level:**

The Fog Level button presents a dialog box, allowing the selection of Fog Level levels as follows:

1. No Fog (Default) Shading is turned off
2. Light Fog (E3.311) L-1, +1
3. Light Fog (E3.311) L0, +1
4. Light Fog (E3.311) L1, +1
5. Light Fog (E3.311) L2, +1
6. Light Fog (E3.311) L3, +1
7. Light Fog (E3.311) L4, +1
8. Moderate Fog (E3.311) L-1, +2
9. Moderate Fog (E3.311) L0, +2
10. Moderate Fog (E3.311) L1, +2

- 11. Moderate Fog (E3.311) L2, +2
- 12. Moderate Fog (E3.311) L3, +2
- 13. Moderate Fog (E3.311) L4, +2

- 14. Heavy Fog (E3.31) L-1, +3
- 15. Heavy Fog (E3.31) L0, +3
- 16. Heavy Fog (E3.31) L1, +3
- 17. Heavy Fog (E3.31) L2, +3
- 18. Heavy Fog (E3.31) L3, +3
- 19. Heavy Fog (E3.31) L4, +3

These options will shade those levels of the board that are in fog, leaving those above the fog unshaded. This functionality only works on VASL boards which have LOS implemented - other boards will just display the shading on the whole board. In addition, a reminder for IFT and TH rolls will be displayed in the chatter window.