Mouse and Keyboard Controls for Celestia

Mouse Functions:

Left drag: orient camera
Right drag: orbit the selected object
Wheel: adjust distance to selection
Right + Left drag: adjust distance to selection
Ctrl + Left drag: adjust distance to selection
Shift + Left drag: change field of view (e.g. => telescopic view)
Wheel (middle button) click: toggle field of view between 45 degrees and the previous field (e.g. telescopic view)
Left - click: select object
Left double click: center selection
Right - click: bring up context menu

Keyboard Commands:

Navigation:

H Select the sun (Home)
C Center on selected object
G Goto selected object
F Follow selected object
Y Orbit the selected object at a rate synced to its rotation
: Lock on selected object
" Chase selected object (orientation is based on selection's velocity)
T Track selected object (keep selected object centered in view)
HOME Move closer to object
* Look back
END Move farther from object
ESC Cancel motion or script
Shift+C Center/orbit--center the selected object without changing the position of the reference object.
Left/Right Arrows Roll Camera
Up / Down Arrows Change Camera Pitch
Shift+Arrows Orbit object
1-9 Select planets around nearby sun

Time:

Space stop time
L Time 10x faster
Shift+L Time 2x faster
K Time 10x slower
Shift+K Time 2x slower
J Reverse time
! Set time to now
? Display light-travel delay between observer and selected object
- Subtract light-travel delay from current simulation time

Labels:

= Toggle constellation labels
B Toggle star labels
E Toggle galaxy labels
M Toggle moon labels
W Toggle asteroid & comet labels
N Toggle spacecraft labels
P       Toggle planet labels
&       Toggle location labels
V       Toggle verbosity of info text

Options:
I       Toggle cloud textures
U       Toggle galaxy rendering
O       Toggle planet orbits
/       Toggle constellation diagrams
^       Toggle nebula rendering
%       Toggle star color tables
;       Show an earth-based equatorial coordinate sphere
[       If autoMag OFF: Decrease limiting magnitude (fewer stars visible)
       If autoMag ON : Decrease limiting magnitude at 45 deg field of view
]       If autoMag OFF: Increase limiting magnitude (more stars visible)
       If autoMag ON : Increase limiting magnitude at 45 deg field of view
{       Decrease ambient illumination
}       Increase ambient illumination
(       Decrease galaxy brightness independently of star brightness
)       Increase galaxy brightness independently of star brightness
,       Narrow field of view
.       Widen field of view
Backspace Cancel current selection
Ctrl+A  Toggle atmospheres
Ctrl+B  Toggle constellation boundaries
Ctrl+E  Toggle eclipse shadow rendering
Ctrl+K  Toggle display of markers
Ctrl+L  Toggle night side planet maps (light pollution)
Ctrl+P  Mark selected object
Ctrl+S  Cycle the star style between fuzzy discs, points, and scaled discs
Ctrl+T  Toggle rendering of comet tails
Ctrl+V  Cycle between supported OpenGL render paths
Ctrl+W  Toggle wireframe mode
Ctrl+X  Toggle antialias lines
Ctrl+Y  Toggle autoMag = auto adaptation of star visibility to field of view
r R     lower or raise texture resolution
+       Switch between artistic and limit of knowledge planet textures

Multiview:
Ctrl+R  Split view vertically
Ctrl+U  Split view horizontally
TAB     Cycle active view
DEL     Delete active view
Ctrl+D  Delete all views except active one

Spaceflight:
F1       Stop
F2       Set velocity to 1 km/s
F3       Set velocity to 1,000 km/s
F4       Set velocity to speed of light
F5       Set velocity to 10x the speed of light.
F6       Set velocity to 1 AU/s
F7       Set velocity to 1 ly/s
A       Increase velocity
Z  Decrease velocity
Q  Reverse direction
X  Set movement direction toward center of screen

Number pad:
4    Yaw left
6    Yaw right
8    Pitch down
2    Pitch up
7    Roll left
9    Roll right
5    Stop rotation

Joystick:
X axis    yaw
Y axis    pitch
L trigger    roll left
R trigger    roll right
Button 1    slower
Button 2    faster

Other:
D    Run demo
F8    Enable joystick
F10    Capture image to file
.    Show frames rendered per second
ENTER    Select a star or planet by typing its name
Ctrl+C, Ctrl+INS    Copy location URL to clipboard