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