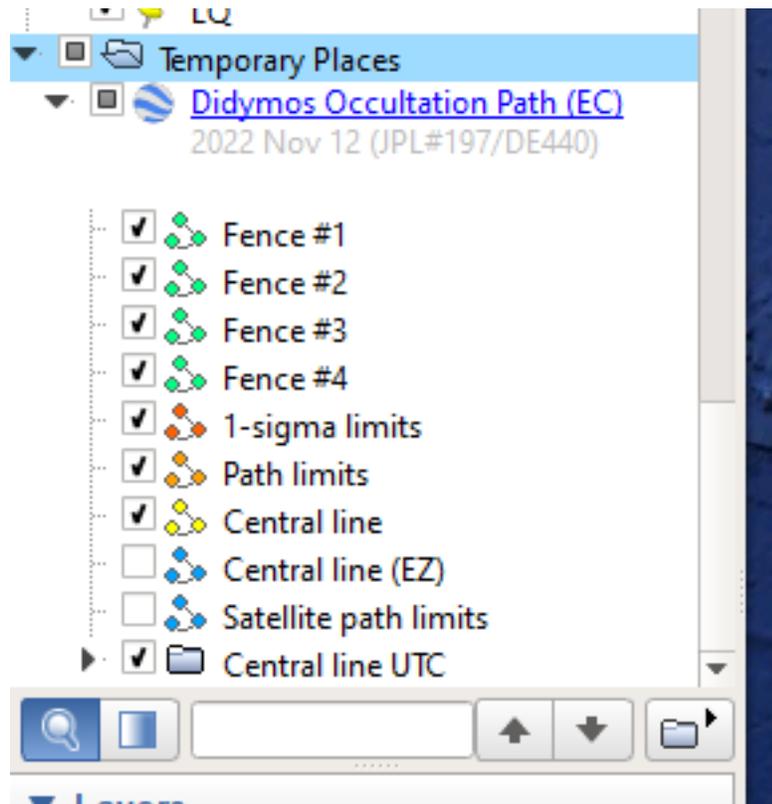
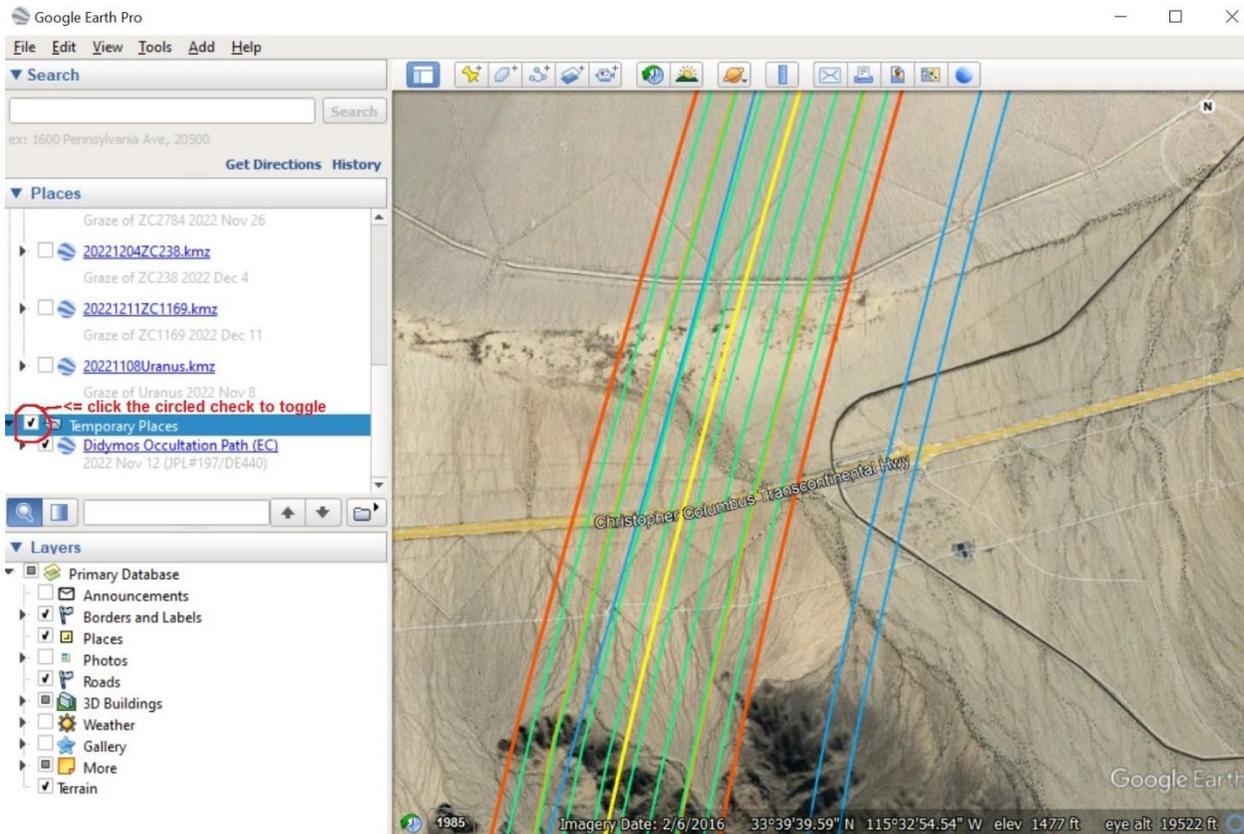


Just a note about using the Google Earth sidebar as I'm not sure everyone is understanding it fully.

The image below is a cropped screen-grab to illustrate what you should be seeing when the top-level path-item list has been opened. Note the downward-pointing triangle icon next to "Didymos Occultation Path (EC)" (which means "open"). Initially, this triangle is right-pointing (which means "closed"). Click the triangle to open the list of items.



From there you can toggle each item individually with the adjacent tick-boxes. Toggling makes the item visible, if previously not displayed on the map, and vice versa. Toggling can be used to isolate individual items on the map and reduce potential clutter. The items checked are the ones that I recommend usually be displayed, but also check the "Satellite path limits" if you want to see the predicted path for Dimorphos. "Fences" are the parallel lines at a set interval on the sky plane to define observer lines for observer placement for coverage of the path coordinated by "line assignment" email messages. As can be seen above, the central line is yellow, the predicted occultation limits are orange, the one-sigma limits are red, Dimorphos' path limits are blue, and the observer lines are green. As an example, below is the path for the Nov. 12<sup>th</sup> occultation where it crosses I-10 in southern California.



There is another level of items under "Central line UTC" for the UTC markers on the map. This level is initially closed but you can open it up by clicking the triangle next to it. Clicking an item in this list will display a text box on the map showing event data at that time. Double clicking the item will zoom you into that point on the central line. Clicking the marker will also display the event data box.

The filled square next to "Didymos Occultation Path (EC)" indicates that some items are not displayed, in this case "Central line (EZ)" and "Satellite path limits". Toggle the tick-boxes to make them visible on the map. Note that clicking the square will toggle display of all items, either all on or all off.

Finally, clicking "Didymos Occultation Path (EC)" will display another text box with a basic summary of the event. And in case it is still a mystery, EC means "elevation-corrected" and EZ means "elevation-zero", i.e. not corrected for elevation.

John Irwin, john@jir1667.plus.com.