

Pros and Cons

	DEM resolution	View distance	Data transferred	Runtime
ESRI	30 meters	1000 meters	90.7 KB + 1.0 KB	528 ms + 838 ms = 1.366 s
Land Defined	10 meters	1000 meters	15.2 KB	1.13 s

West Kill Mountain

Hillshade opacity: 0.0 1.0

View distance: 500m 3000m

Clear

Name	Status	Type	Initiator	Size	Time	Waterfall
viewshed?coordinates=-8269861.914...	200	xhr	index.html:337	15.2KB	1.13s	

1 / 99 requests | 15.2KB / 1.9MB transferred

Console

Click on map to execute ViewShed GP Task

USDA FSA, DigiGlobe, GeoEye, Microsoft, CNES/Airbus DS | Source: USGS, NGA, NASA, CGIAR, GEBCO, N Robinson, NC... Powered by Esri

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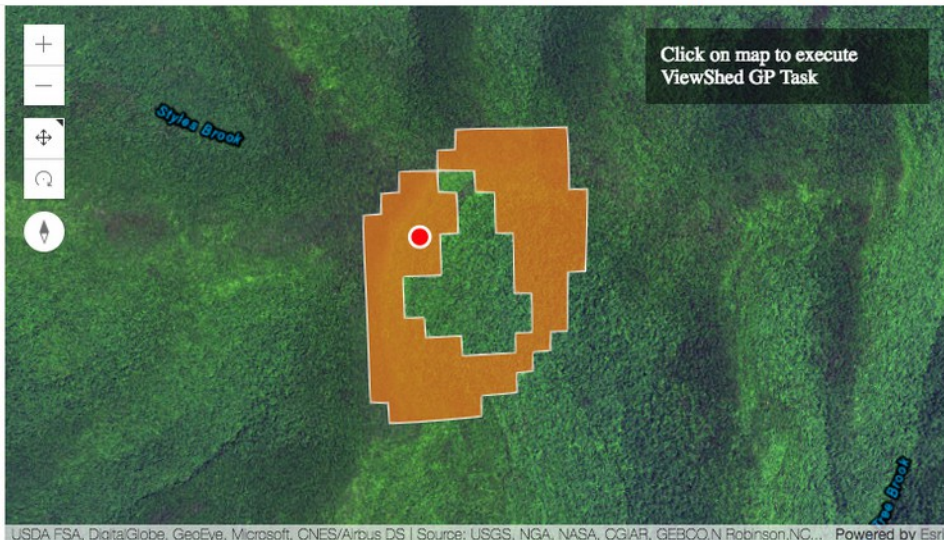
Initiator	Size	Time	Waterfall
init.js:136	90.7KB	528ms	
init.js:136	1.0KB	838ms	

1.7

HTML Output

```
98 //
99
100 var inputGraphic = new Graphic({
101   geometry: point,
102   symbol: markerSymbol
103 });
104
105 graphicsLayer.add(inputGraphic);
106
107 var inputGraphicContainer = [];
108 inputGraphicContainer.push(inputGraphic);
109 var featureSet = new FeatureSet();
110 featureSet.features = inputGraphicContainer;
111
112 var vsDistance = new LinearUnit();
113 vsDistance.distance = 1000;
114 vsDistance.units = "meters";
115
116 var params = {
117   "Input_Observation_Point": featureSet,
118   "Viewshed_Distance": vsDistance
119 };
120 gp.execute(params).then(drawResultData);
121
122 function drawResultData(result) {
123
```

Description Download JS Bin Refresh



Keyboard shortcuts: Cmd + Enter Refresh Output Copyright © 2017 Esri. All rights reserved. | Privacy | Terms of use

Elements Console Sources Network Timeline Profiles Application Security Audits

View: [Icons] [] Preserve log [] Disable cache [] Offline No throttling

Filter [] Regex [] Hide data URLs All [X] XHR JS CSS Img Media Font Doc WS Manifest Other

Name	Status	Type	Initiator	Size	Time	Waterfall	1.7 ▲
300	200	xhr	init.js:136	90.7KB	528ms		
execute?f=json&env%3AoutSR=102100&Input_Observation_Point=%7B%22geometry%22%...	200	xhr	init.js:136	1.0KB	838ms		

2 / 240 requests | 91.8KB / 939KB transferred

Console

top [] Preserve log [X] Show all messages

processor started js.arcgis.com/4.3/esri/views/SceneView.js:1163
processor started js.arcgis.com/4.3/esri/views/SceneView.js:1163