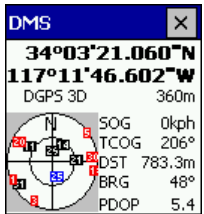


# ESRI® ArcPad® 7.1

## Quick Reference



### GPS POSITION WINDOW



#### SATELLITE SKYPLOT

Shows the almanac of which satellites should be available.

**Black:** Available and used for calculating the GPS position

**Blue:** Available but not used

**Red:** Unavailable

Tap the Satellite Skyplot to display the Signal Chart.

HDOP: Horizontal Dilution of Precision  
 VDOP: Vertical Dilution of Precision  
 TDOP: Time Dilution of Precision  
 HPE: Estimated Horizontal Position Error  
 VPE: Estimated Vertical Position Error  
 EPE: Estimated Position Error  
 SATS: Satellites used in solution  
 DAGE: Differential data age  
 DSID: Differential reference station ID



#### SIGNAL CHART

Shows a bar chart of the relative signal strength of the satellites in the almanac. A **red** bar indicates the satellite is unavailable.

Tap the Signal Chart to display the Compass.

#### GPS POSITION COORDINATES

Tap and hold the coordinate display to change the coordinate system:

Map Projection

DMS (ddd°mm'ss.sss")

DMM (ddd°mm.mmmm')

DD (dd.dddddddd°)

UTM (Universal Transverse Mercator)

WGS84 DMS (ddd°mm'ss.sss")

WGS84 DMM (ddd°mm.mmmm')

WGS84 DD (dd.dddddddd°)

MGRS (Military Grid Reference System)

#### GPS MODE

NOFIX: No position

2D: x,y position

3D: x,y,z position

DGPS 2D/3D: Real-time Differential GPS

SBAS 2D/3D: Real-time Differential GPS from a Satellite-Based Augmentation System such as WAAS

RTK fix/flt: Real-Time Kinematic fixed or float solution

PPS 2D/3D: Precise Positioning Service

#### ELEVATION

Tap and hold the elevation display to change units:

Altitude (meters or feet)

Depth (meters or feet)

#### NAVIGATION INFORMATION

SOG: Speed Over Ground

Tap and hold the COG display to change the reference:

TCOG: True North Course Over Ground

MCOG: Magnetic North Course Over Ground

DST: Distance to destination

BRG: Bearing to destination

#### POSITION MEASURE OF QUALITY

Tap and hold the display to change the measure:

PDOP: Position Dilution of Precision



#### COMPASS

Shows the GPS direction with a black arrow and direction to destination in **red**.

### MAIN TOOLBAR

	<b>Open Map</b>	Open an ArcPad® Map (a file with a .apm extension).
	<b>Save Map</b>	Save the current ArcPad Map.
	<b>Add Layer</b>	Add one or more layers to the current map.
	<b>Table of Contents</b>	Open the Table of Contents dialog box.
	<b>GPS Position Window</b>	Open or close the GPS Position Window.
	<b>Tools</b>	Open the ArcPad Options dialog box.
	<b>Quick Reference Help</b>	Open the ArcPad Quick Reference.




### OPEN MAP DROP-DOWN LIST

	<b>New</b>	Display a submenu for creating a new QuickProject, map, shapefile, QuickForm, graphics layer, or photo layer.
	<b>Open Map</b>	Open an ArcPad Map (a file with a .apm extension).
	<b>Save Map</b>	Save the current ArcPad Map.
	<b>Save Map As</b>	Save the current ArcPad Map with a new name and/or in a different folder.
	<b>Map Properties</b>	Open the Map Properties dialog box.
	<b>Recent Maps</b>	Display the nine most recently opened maps.
	<b>Recent Layers</b>	Display the nine most recently added layers.
	<b>Exit</b>	Close ArcPad.










### NEW SUBMENU

	<b>QuickProject</b>	Close the current map and create a new data capture project with ready-to-use point, polyline, and polygon shapefiles.
	<b>Map</b>	Close the current map and create a new map.
	<b>Shapefile</b>	Create a new shapefile and load it into the current map.
	<b>QuickForm</b>	Create a custom form for an existing shapefile.
	<b>Graphics Layer</b>	Create a new graphics layer and load it into the current map.
	<b>Photo Layer</b>	Create a new photo layer and load it into the current map.




### ADD LAYER DROP-DOWN LIST




	<b>Add Layer</b>	Add one or more layers to the current map.
	<b>Add Internet Server</b>	Add an ArcIMS® image service as a layer to the current map.
	<b>Geography Network<sup>SM</sup></b>	Go to the <a href="http://www.geographynetwork.com">www.geographynetwork.com</a> Web site using the default Internet browser.

#### GPS POSITION WINDOW DROP-DOWN LIST





	<b>GPS Position Window</b>	Open or close the GPS Position Window.
	<b>GPS Active</b>	Activate or deactivate the GPS.
	<b>GPS Tracklog</b>	Start or stop storing GPS points in the tracklog shapefile.
	<b>Rangefinder Active</b>	Activate or deactivate the Rangefinder.
	<b>GPS Preferences</b>	Open the GPS Preferences dialog box.
	<b>Rangefinder Preferences</b>	Open the Rangefinder Preferences dialog box.
	<b>GPS/Rangefinder Debug</b>	Open or close the GPS and Rangefinder Debug window.
	<b>Automatic Map Rotation</b>	Automatically rotate the map to "course up" when the GPS is active.
	<b>Clear Rotation</b>	Clear the map rotation so that the map is "north up."

#### TOOLS DROP-DOWN LIST






	<b>Options</b>	Open the ArcPad Options dialog box.
	<b>Scale Bar</b>	Display or hide the scale bar.
	<b>Panning Frame</b>	Display or hide the map panning frame.

	<b>Status Bar</b>	Display or hide the status bar.
	<b>North Arrow</b>	Display or hide the north arrow in the map view.
	<b>Camera</b>	Open the camera tool.
	<b>Toolbars</b>	Display a submenu containing all the toolbars in ArcPad.
	<b>Utilities</b>	Display a submenu containing utility tools.

#### UTILITIES DROP-DOWN LIST







	<b>Pack Shapefile</b>	Pack a shapefile by removing records flagged for deletion.
	<b>Reproject Shapefile</b>	Reproject a shapefile to another projection and/or datum.
	<b>Export Projection Information</b>	Export the ArcPad projection information into CSV and text files.
	<b>Run Script</b>	Open the Script dialog box.

#### HELP DROP-DOWN LIST





	<b>Quick Reference Help</b>	Open the ArcPad Quick Reference.
	<b>User Guide</b>	Open the ArcPad User Guide (PC only).
	<b>Reference Guide</b>	Open the ArcPad Reference Guide (PC only).
	<b>ESRI Support Center</b>	Go to the <a href="http://support.esri.com">support.esri.com</a> Web site using the default Internet browser.
	<b>About ArcPad</b>	Open the About ArcPad dialog box.
	<b>About Extension</b>	Display a submenu listing all loaded ArcPad extensions.

#### BROWSE TOOLBAR







	<b>Zoom In</b>	Zoom in on map using the pen.
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	<b>Zoom to Full Extent</b>	Zoom to the full extent of the map.
	<b>Go Back to Previous Extent</b>	Zoom back to the previous extent you were using.
	<b>Identify</b>	Activate the Identify tool.
	<b>Find</b>	Open the Find tool.
	<b>Start/Stop Editing</b>	Display a submenu containing all the editable layers in the ArcPad map. Tapping a layer toggles its editing state.
	<b>Refresh</b>	Redraw the map.




#### ZOOM IN DROP-DOWN LIST


	<b>Zoom In</b>	Zoom in on map using the pen.
	<b>Zoom Out</b>	Zoom out on map using the pen.
	<b>Pan</b>	Pan the map using the pen.
	<b>Rotate Map</b>	Set the map rotation angle.

#### ZOOM TO FULL EXTENT DROP-DOWN LIST









	<b>Fixed Zoom In</b>	Zoom in on the center of the map by 25%.
	<b>Fixed Zoom Out</b>	Zoom out on the center of the map by 25%.
	<b>Zoom To Selected</b>	Zoom to the extent of the selected feature.
	<b>Center on GPS</b>	Center the map on the current GPS position.
	<b>Zoom to Full Extent</b>	Zoom to the full extent of the map.
	<b>Zoom to Layer</b>	Zoom to the extent of a particular layer in the map.

#### GO BACK TO PREVIOUS EXTENT DROP-DOWN LIST

	<b>Go Back to Previous Extent</b>	Zoom back to the previous extent you were using.
	<b>Go to Next Extent</b>	Zoom forward to the next extent in the extent history.
	<b>Create Bookmark</b>	Create a spatial bookmark.

	<b>Zoom to Bookmark</b>	Zoom to an existing spatial bookmark.
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#### IDENTIFY DROP-DOWN LIST

	<b>Identify</b>	Activate the Identify tool.
	<b>Measure</b>	Measure distances in the map view in point mode.
	<b>Radial Measure</b>	Measure radial distances in the map view using the pen.
	<b>Freehand Measure</b>	Measure distances in the map view in freehand mode.
	<b>Hyperlink</b>	Activate the Hyperlink tool.
	<b>Go To</b>	Activate the Go To tool.
	<b>Label</b>	Activate the Label tool.
	<b>Advanced Select</b>	Activate the Advanced Select tool.


#### FIND DROP-DOWN LIST


	<b>Find Features</b>	Open the Find tool.
	<b>Clear Selected Feature</b>	Unselect the selected feature.


#### START/STOP EDITING DROP-DOWN LIST


	<b>Point Features Target Layers</b>	Display the editable point feature layers.
	<b>Line Features Target Layers</b>	Display the editable line feature layers.
	<b>Polygon Features Target Layers</b>	Display the editable polygon feature layers.
	<b>Multi-Features Target Layers</b>	Display the editable layers that support multiple feature types including graphics layers.


### EDIT TOOLBAR


	<b>Select</b>	Activate the Select tool.
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	<b>Point</b>	Activate the point feature type for data capture.
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	<b>Capture Point Using GPS</b>	Capture a point feature in the editable point layer using the current GPS position.
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	<b>Add GPS Vertex</b>	Capture a single vertex in the current polyline or polygon feature using the current GPS position.
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	<b>Add GPS Vertices Continuously</b>	Continuously capture vertices in the current polyline or polygon feature using the current GPS position.
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	<b>Feature Properties</b>	Open the Feature Properties dialog box (or custom edit form) for the selected feature.
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	<b>Offset Point</b>	Activate offsets for point data capture.
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#### SELECT DROP-DOWN LIST

	<b>Select</b>	Activate the Select tool.
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	<b>Select and Vertex Editing</b>	Activate the Select and Vertex Editing tool.
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	<b>Select at GPS Position</b>	Select the feature at the current GPS position.
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	<b>Center on Selected Feature</b>	Center the map on the selected feature without changing the current map scale.
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	<b>Zoom to Selected Feature</b>	Zoom to the selected feature.
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	<b>Go To Selected Feature</b>	Set the selected feature to be the current destination for navigation.
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	<b>Clear Selected Feature</b>	Unselect the selected feature.
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#### POINT DROP-DOWN LIST


	<b>Point</b>	Activate the point feature type for data capture.
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	<b>Line</b>	Capture a straight line feature using the pen.
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	<b>Polyline</b>	Activate the polyline feature type for data capture and start a new line feature.
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	<b>Freehand Line</b>	Capture a freehand line feature using the pen.
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	<b>Rectangle</b>	Capture a rectangle polygon feature using the pen.
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	<b>Polygon</b>	Activate the polygon feature type for data capture and start a new polygon feature.
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	<b>Ellipse</b>	Capture an ellipse polygon feature using the pen.
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	<b>Circle</b>	Capture a circle polygon feature using the pen.
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	<b>Freehand Polygon</b>	Capture a freehand polygon feature using the pen.
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	<b>Text Point</b>	Capture a text feature relative to a point using the pen.
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	<b>Text Line</b>	Capture a text feature relative to a line using the pen.
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	<b>Text Polygon</b>	Capture a text feature relative to a polygon using the pen.
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	<b>Text Rectangle</b>	Capture a text feature relative to a rectangle using the pen.
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	<b>Text Ellipse</b>	Capture a text feature relative to an ellipse using the pen.
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#### FEATURE PROPERTIES DROP-DOWN LIST



	<b>Feature Properties</b>	Open the Feature Properties dialog box (or custom edit form) for the selected feature.
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	<b>Insert Vertices</b>	Insert new vertices to the
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
	<b>Append Vertices</b>	selected polyline or polygon. Add new vertices to the end, or tail, of the selected polyline.
	<b>Move Feature</b>	Move the selected feature.
	<b>Rotate Feature</b>	Rotate the selected polyline or polygon feature.
	<b>Scale Feature</b>	Change the size of the selected polyline or polygon feature, relative to the original size.
	<b>Resize Feature</b>	Change the size of the selected polyline or polygon feature.
	<b>Delete Feature</b>	Delete the selected feature.

#### OFFSET POLYLINE/POLYGON DROP-DOWN LIST




	<b>Offset Point</b>	Activate offsets for point data capture.
	<b>Offset Polyline/Polygon</b>	Activate left or right offsets for polyline or polygon data capture.
	<b>Linear Traverse</b>	Activate the linear traverse mode for capturing a new polyline or polygon feature.
	<b>Radial Traverse</b>	Activate the radial traverse mode for capturing a new polyline or polygon feature.
	<b>Set Reference Point A</b>	Set a reference point, A, for capturing a single-point offset.
	<b>Set Reference Point B</b>	Set a second reference point, B, for capturing a two-point offset.

	<b>Segment Polyline</b>	Activate adding new polylines that start at the end of the selected polyline.
	<b>Repeat Attributes</b>	Activate copying of attributes from the previous feature into the new feature.


### STREETMAP TOOLBAR

	<b>Find Location</b>	Reverse geocode a location.
	<b>Convert Location to Stop</b>	Convert the current location to a stop.
	<b>Create Route from Stops</b>	Find a route between stop points while preserving the order of the stops.
	<b>Edit Stops</b>	Open the Edit Stops dialog box, which allows you to change the order of the stops, temporarily disable stops, and delete stops.
	<b>Driving Directions</b>	Display or hide driving directions for the current route.
	<b>StreetMap Preferences</b>	Open the StreetMap™ Preferences dialog box.

#### FIND LOCATION DROP-DOWN LIST




	<b>Find Address or Location</b>	Open a dialog box for finding an address, city, or latitude-longitude coordinate.
	<b>Find Location from GPS Position</b>	Find a location using the current GPS position.
	<b>Unselect Location</b>	Remove the location highlight from the map.

#### CONVERT TO STOP DROP-DOWN LIST




	<b>Convert Location to Stop</b>	Convert the current location to a stop.
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	<b>Convert Location to Barrier</b>	Convert the current location to a barrier.
	<b>Convert Location to Pushpin</b>	Convert the current location to a pushpin.




#### CREATE ROUTE FROM STOPS DROP-DOWN LIST




	<b>Create Route from Stops</b>	Find a route between stop points while preserving the order of the stops.
	<b>Create Optimized Route</b>	Find a route between stop points by reordering intermediate locations.
	<b>Clear Route</b>	Remove a calculated route from the map.

#### EDIT STOPS DROP-DOWN LIST

	<b>Edit Stops</b>	Open the Edit Stops dialog box, which allows you to change the order of the stops, temporarily disable stops, and delete stops.
	<b>Edit Barriers</b>	Open the Edit Barriers dialog box, which allows you to edit properties of barriers, temporarily disable barriers, and delete barriers.
	<b>Edit Pushpins</b>	Open the Edit Pushpins dialog box, which allows you to edit properties of pushpins, temporarily disable pushpins, and delete pushpins.

### COMMAND BAR

	<b>Lock</b>	Disable the ArcPad application from pen or mouse input.
	<b>Save Geometry Changes</b>	Save geometry changes to an existing feature.
	<b>Proceed to Attribute Capture</b>	End the geometry capture of a new feature and proceed to capturing

		the feature's attributes.
	<b>Undo</b>	Undo the last edit made to a feature.
	<b>Pen Toggle</b>	Enable or disable use of the pen for capturing new features.
	<b>Cancel</b>	Cancel edits to an existing feature's geometry, or cancel capture of a new feature.

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#### ArcPad Resources

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- The latest information on ArcPad
- Updates and downloads
- Technical Support Knowledge Base
- ArcPad discussion forum

