Quick Notes on Map Projections in ArcGIS					Pro	per	ties		-		Su	ıitab	le E	xter	nt	Lo	catio	on	0	rien	tatio	on	Ge	ner	al Pu	ırpo	)S
•	etions in Arcuis								world																		
<ul><li>Minimal Distortion</li><li>Distortion is moderate for most of the area</li></ul>						*	ps		ire v				an														
* Distortion is minimal in certain directions or a	t particular points			Se	*-	tion	lum	70	entire	נו		بو	Oce	اي	a)		a	ılar	th		are		<u>:</u>		nc		
Adapted from USGS Map Projections poster.	esri THE SCIENCE OF WHERE	mal	rea	omi	tanı	rect	t Rh	pte	the	ctive		her	ent/	/Seg	cale	rial	tud	ircu	Sou	est	enbs	a)	aph	tic	tatic	tion	
Redlands, May 2020	<b>ESII</b> OF WHERE	Conformal	Equal Area	Compromise	Equidistant*	True Direction*	Straight Rhumbs	Interrupted	Shows the	Perspective	rld	Hemisphere	Continent/Ocean	Region/Sea	Large Scale	Equatorial	Midlatitude	Polar/Circular	North/South	East/West	Equal/square	Oblique	Topographic	Thematic	Presentation	Navigation	
Projection	Туре	Sor	Equ	Cor	Equ	Tru	Stra	Inte	Sho	Per	World	Her	So	Reg	Lar	Equ	Mic	Pol	Nor	Eas	Equ	lq0	Тор	The	Pre	Nav	
Adams square II	Modified azimuthal	•							•		•														•		
Aitoff	Modified azimuthal			•					•		•														•		L
Albers equal area conic	Conic		•						•				•	•	•		•			•				•			Ļ
Aspect-adaptive cylindrical Azimuthal equidistant	Cylindrical Azimuthal			•	•	•			•		•		•	•	•	•	•	•			•	•	•		•	•	
Behrmann equal area cylindrical	Cylindrical		•						•	•	•														0		r
Berghaus Star	Faceted					0		•	•		•														•		l
Bonne	Pseudoconic		•						•				•	•			0		0				0	0	0		ľ
Cassini	Cylindrical (transverse)				•										•	•	•		•				•				
Compact Miller	Cylindrical			•					•		•														•		Ļ
Craster parabolic	Pseudocylindrical		•						•															•			ļ
Cube	Faceted							•	•		0					-				0					•		Ļ
Cylindrical equal area Double stereographic	Cylindrical	•	•			•			•	•			•	•	•	•	•	•		0	•	•	•	•	0		f
Eckert I	Pseudocylindrical			•					•		0				_								-		0		-
Eckert II	Pseudocylindrical		•						•		0														0		f
Eckert III	Pseudocylindrical			•					•		•														0		
Eckert IV	Pseudocylindrical		•						•		•			$\Box$										•	•		ſ
Eckert V	Pseudocylindrical			•					•		0														0		Ĺ
Eckert VI	Pseudocylindrical		•						•		0													•	0		-
Eckert-Greifendorff Found Forth	Modified azimuthal		•						•		0													•	0		-
Equal Earth Equidistant conic	Pseudocylindrical Conic		•						•		•		0	•			•			•				•	•		+
Equidistant come	Cylindrical				•				•				$\dashv$	•		•				0							t
Fuller	Faceted							•	•		0													•	•		T
Gall's stereographic	Cylindrical			•					•	•	0														0		Ī
Gauss-Krüger	Cylindrical (transverse)	•												•	•	•	•		•		•		•			•	
Geostationary satellite	Azimuthal											•	•	•		•	•		•	•	•						L
Gnomonic	Azimuthal					•				•				0	0	•	•	•				•			•	•	Ļ
Goode homolosine Hammer	Pseudocylindrical  Modified azimuthal		•					•	•		0													•	•		ŀ
Hotine oblique Mercator	Cylindrical (oblique)	•	•						•		•			•		•	•						•	•	•		f
IGAC Plano Cartesiano	Modified azimuthal													Ť	•	•			•	•	•	•	•				l
Krovak	Conic (oblique)	•											$\neg$	•	•		0					•	•		•		T
Laborde oblique Mercator	Cylindrical (oblique)	•												•	•	•	•					•	•				
Lambert azimuthal equal area	Azimuthal		•			•			•			•	•	•		•	•	•			•	•		•	•	•	L
Lambert conformal conic	Conic	•											•	•	•		•			•			•		•		Ļ
Local Cartesian Loximuthal	Azimuthal Pseudocylindrical					•	0		•	•	•				•	•	•	•	0	0	•	0			0		ŀ
McBryde-Thomas flat-polar quartic	Pseudocylindrical		•			0					0														0		f
Mercator	Cylindrical	•				0	•							•	•	•				0			•			•	t
Miller cylindrical	Cylindrical			•					•		0														0		ľ
Mollweide	Pseudocylindrical		•						•		•													•	•		
Natural Earth	Pseudocylindrical			•					•		•		_	_											•		L
Natural Earth II	Pseudocylindrical			•					•		•														•		Ļ
New Zealand Grid	Modified cylindrical	•											_	_	•							•	•				Ļ
Ney modified conic	Modified conic	•										$\dashv$	0	•	•			•			•	•	•				ŀ
Orthographic Patterson	Azimuthal Cylindrical			•		•			•	•	•	•	•			•	•	•							•		ŀ
Peirce quincuncial	Modified azimuthal	•							•		•	•													•		f
Perspective cylindrical	Cylindrical								0	•	0														0		T
Plate-Carrée	Cylindrical				•				•					•	•	•				0					0		ſ
Polyconic	Polyconic				0				•						0		•		•				•				ſ
Quartic authalic	Pseudocylindrical		•						•		0													•			ļ
Rectified skew orthomorphic	Cylindrical (oblique)	•													•							•	•				f
Robinson Sinusoidal	Pseudocylindrical  Pseudocylindrical			•					•		•													•	•		ļ
Stereographic	Pseudocylindrical Azimuthal	•	•		•	•			•	•	0		•	•		•	•	•			•	•		•	0	•	f
Times	Pseudocylindrical			•					•		•			-		-								•	0		+
Tobler cylindrical I	Cylindrical			•					•		•														•		f
Tobler cylindrical II	Cylindrical			•					•		•														•		
Fransverse cylindrical equal area	Cylindrical (transverse)		•						•	•				•	•	•	•		•					•			ſ
Transverse Mercator	Cylindrical (transverse)	•												•	•	•	•		•				•				ĺ
Two-point equidistant	Modified azimuthal				•				•		0	0	•	•	•							•		•		0	ļ
Van der Grinten I	Polyconic			•					•		0							_							0		f
Vertical near-side perspective Wagner IV	Azimuthal Pseudocylindrical		•			•				•		•	•	•		•	•	•				•			•		ļ
Wagner IV Wagner V	Pseudocylindrical			•					•		•																f
Wagner VII	Modified azimuthal		•						•		•													•	•		f
Winkel I	Pseudocylindrical			•					•		0														0		f
Winkel II	Pseudocylindrical			•					•		•														0		ſ
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