Aitoff Modified Azimuthal ~ <th></th> <th></th> <th></th> <th></th> <th>Pro</th> <th>per</th> <th>ties</th> <th></th> <th></th> <th colspan="6">Suitable Extent</th> <th colspan="6">Location or Shape</th> <th colspan="5">General Purpose</th> <th>e</th>					Pro	per	ties			Suitable Extent						Location or Shape						General Purpose					e	
Aberl Modified Assmuthal I									Str			Co		_													\neg	
Aberl Modified Assmuthal I				ш	П	rue	Pe	Cor	aight		Не	ntine	Re	Medi	Lа	No			_	<	Pola	Ъ			Pre	z		
Abell Modified Assampting - - - -			Confe	qual	luidis	Direc	erspe	mprc	t Rhu		misp	⁰nt/O	gior	m	rge (orth/S	ast/	g	≡qua	lidlat	ır/Cir	pogra	Geo	The	sent	lavig		
Abell Modified Assampting - - - -	Duciestica Nome	Tuno	orma	Area	stant	ction	ectiv	omis	umb	Norl	oher)cea	1/Se	Scal	Scal	Sout	Wes	oliqu	atoria	titud	rcula	aphi	ologi	mati	tatio	Jatio	USGS	
Alaska Saven E Pacudopination I					*	*	CD		S		œ	5	۵	Ø	Ø	5	ři –	Ð	<u></u>	D	7	റ	റ	റ		-		
Abore Equal Area Conic Conic Solution Planar Solution Solution S								•						1								✓			•		1	
Azamata Eguldisiant Planar I <thi< th=""> I I I</thi<>	Modified Stereographic Conformal		✓											✓													✓	
Behramsbar Cylinotical Cylinotical C <thc< th=""> C <thc< th=""> C <thc< th=""> C<!--</td--><td>-</td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>1</td><td></td><td>1</td></thc<></thc<></thc<>	-			1										1			1							1	1		1	
Biolay Conformal Connel Connel Control Connel Contro Connel Control <th< td=""><td>•</td><td></td><td></td><td>1</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td>1</td><td>✓</td><td>✓</td><td></td><td>~</td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td>1</td><td>1</td><td>✓</td></th<>	•			1	✓	✓					1	✓	✓		~				✓	✓	✓	✓			1	1	✓	
Bono Paudoconic V V V V <th<< td=""><td></td><td></td><td>1</td><td>~</td><td></td><td></td><td></td><td></td><td></td><td>~</td><td></td><td>1</td><td></td><td></td><td>_</td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td>_</td><td></td><td>1</td></th<<>			1	~						~		1			_		_						1		_		1	
Chamber Modified Planar I				1												~							-		-		-	
Craster Parabolic Pseudocylindical I <thi< th=""> I <thi< th=""> <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td></td><td></td><td></td><td></td><td></td></th<></thi<></thi<>															1	✓						✓						
Cylindrical Eyual Area Cylindrical I					~							1																
Dauble Strengsphic Painar V V V										✓ ✓							1		1						1			
Electert II PseudocyIndrical I I <thi< th=""> I</thi<>			✓	v			✓			_	1	✓	1		_		•			✓	✓		✓		•	1	✓	
Eckert III Pseudooglindical I<												-							-	-	-		-					
Eckert V Pseudooylindrical V V V V				1																								
Eckert V Pseudooyindrical I <td></td>																												
Electry II Pseudos/indical I <td></td> <td></td> <td></td> <td>1</td> <td></td>				1																								
Equine conic Conic I				1																							_	
Equiraciangular Cylindrical I <thi< th=""> I</thi<>				•	1							~	1				1			1				V	1			
Causs-Kruger Cylindrical (Transverse) Z <thz< th=""> Z Z</thz<>													-		1					•					•		✓	
Ceocondic Spherical v							1			~															1			
Geographic Spherical v			1									1	1	✓	1	✓			✓	1		✓	1				\checkmark	
Chomonic Planar I <														1	1												_	
Great Britain National Grid Cylindrical /			✓	1	✓					✓									(✓				
Hammer-Aitoff Modified Planar I <thi< td=""><td></td><td></td><td>1</td><td></td><td></td><td>✓ </td><td>~</td><td></td><td></td><td>_</td><td></td><td></td><td>~</td><td>1</td><td>1</td><td>1</td><td>_</td><td></td><td>~</td><td></td><td>~</td><td>1</td><td>1</td><td></td><td>~</td><td>-</td><td>_</td></thi<>			1			✓ 	~			_			~	1	1	1	_		~		~	1	1		~	-	_	
Hotine Oblique Mercator Cylindrical (Oblique) I			•	1						1			•	•	•	•						•	•	1	1		_	
Laborde Cylindrical (Oblique) V	Hotine Oblique Mercator		✓									✓	✓	✓	✓			✓				✓					✓	
Lambert Azimuthal Equal Area Planar V			-			~						1	1		1							✓	1		1	✓		
Lambert Contormal Conic Conic I <thi< td=""><td></td><td></td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>✓</td><td>✓</td><td></td><td></td><td>✓</td><td></td><td></td><td></td><td>✓</td><td></td><td></td><td></td><td></td><td></td></thi<>			✓										-	✓	✓			✓				✓						
Lambert Conformal Conic (Oblique) Conic /	· · · · · · · · · · · · · · · · · · ·		1	✓		<i>✓</i>				_	~			1	1		1				✓	1	1	 Image: A start of the start of	-			
Local Cartesian System Planar I <thi< td=""><td></td><td></td><td>-</td><td></td><td></td><td>~ ~</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td>•</td><td>✓</td><td></td><td>•</td><td></td><td>-</td><td></td><td></td><td>-</td><td></td><td>~</td></thi<>			-			~ ~								-			•	✓		•		-			-		~	
McBryde-Thomas Flat Polar Quartic Pseudocylindrical V <															1													
Mercator Cylindrical ✓	Loximuthal	Pseudocylindrical							1																	~		
Miller Cylindrical Cylindrical Cylindrical C <thc< th=""></thc<>				1						1																		
Mollweide Pseudocylindrical / <th <="" th=""> /<!--</td--><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td>~</td><td>~</td><td></td><td></td><td>~</td><td>~</td><td>~</td><td></td><td>1</td><td></td><td>~</td><td></td><td></td><td>~</td><td>✓</td><td>(</td><td></td><td>-</td><td><pre></pre></td></th>	/ / </td <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>~</td> <td>~</td> <td></td> <td></td> <td>~</td> <td>~</td> <td>~</td> <td></td> <td>1</td> <td></td> <td>~</td> <td></td> <td></td> <td>~</td> <td>✓</td> <td>(</td> <td></td> <td>-</td> <td><pre></pre></td>			1					1	~	~			~	~	~		1		~			~	✓	(-	<pre></pre>
New Zealand Grid Modified Cylindrical /				./				✓		✓ √																	~	
Oblique Mercator Cylindrical (Oblique) I			1	•						ŀ				✓	1			1				✓	1	•				
Plate-Carée Cylindrical /	Oblique Mercator		1									1	1	1	1			1				✓					~	
Polar Stereographic Planar I </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td>✓</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>✓</td> <td>✓</td> <td>\checkmark</td> <td></td> <td></td> <td></td> <td>✓</td> <td></td> <td>✓</td>						1	1				1	✓							✓	✓	\checkmark				✓		✓	
Polyconic Conic I <					1										1												~	
Quartic Authalic Pseudocylindrical I <thi< th=""> <thi< th=""> <</thi<></thi<>			✓			✓ ✓	~	1			1	✓		-		1					✓	✓ ✓			✓		✓ ✓	
Robinson Pseudocylindrical I </td <td></td> <td></td> <td></td> <td>1</td> <td>~</td> <td></td> <td></td> <td>~</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>~</td> <td>~</td> <td>~</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td>1</td> <td></td> <td></td> <td>~</td>				1	~			~		1				~	~	~						•		1			~	
Rectified Skew Orthomorphic Cylindrical (Oblique) I <				-				1																	1			
Sinusoidal Pseudocylindrical Image: Constraint of the const	Rectified Skew Orthomorphic		1											✓	1			1				✓						
Space Oblique Mercator Modified Cylindrical ~ I </td <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td>					1								1				1			1					1			
State Plane **Image: State Plane **<				1	~					1		1				1			1					1			✓	
Stereographic Planar I <thi< th=""> I I</thi<>		Modified Cylindrical												1								✓ ✓	1		,		✓ ✓	
TimesPseudocylindricalImage: constraint of the seudocylindrical (Transverse)Image: constraint of the seudocylindr		Planar				1	1				1	1	1	~	~				1	1	1				/	1	✓ ✓	
Transverse MercatorCylindrical (Transverse)Image: Comparison of the			·			•	-	1		1	-	•	•						•	•			÷	1	1	•	÷	
Universal Polar StereographicPlanarImage: A markImage: A mark<		Cylindrical (Transverse)	1									1	1	1	1	1			1	1		1	1				1	
Universal Transverse Mercator Cylindrical (Transverse) Image: Constraint of the synthetic of the s	· · · · · · · · · · · · · · · · · · ·				1					~			1					1						1		~		
Van der Grinten ICircularIII<			1			1	~					1			_	_					✓	✓	✓		✓		✓	
Vertical Near-side PerspectivePlanarImage: A matrix and the system of the system		,						1		~				~	~	~			/	~					1	-	✓ ✓	
Winkel I Pseudocylindrical Image: Constraint of the seudocylindrical Image: Constraint of						1	1	•				1	1						1	1	1				• •		-	
Winkel II Pseudocylindrical Image: Additional interval										1		-								-	-				-			
Winkel Tripel Modified Planar I<										1																		
	Winkel Tripel	Modified Planar						1		1														1				

✓ = Minimal Distortion
 ~ = Distortion is moderate for most of the area
 * = Distortion is minimal in certain directions or at particular points
 **= See Lambert Conformal Conic, Transverse Mercator, and Hotine Oblique Mercator

Adapted from Map Projections, a USGS poster.