CODATA Catalog of Roads Data Sets, v1

October 2009

This is a summary version of the data available in the full catalog, available for download in MS Access (2000) format. The catalog contains 367 entries. For more information on the catalog, visit http://www.groads.org and search for "CODATA Catalog of Roads Data Sets, v1". This catalog was produced by the Center for International Earth Science Information Network (CIESIN) at Columbia University under its contract to manage the NASA Socioeconomic Data and Applications Center (SEDAC).

Region:	Global		
Country:	All		Year Pub: 0
Data Set Title:	OpenStreetMap (OSM)		
Originator:	Open Streets Map Project		
Distributor:	CloudMade Maps		
URL:	http://downloads.cloudmade.com	n	
	File Size (MB):	Total Km:	Scale:
Source Data: Method: Notes:	Online "crowd sourced" digitizatio	on and GPS Tracks.	
Distrib Constraints:			
Use Constraints:	All of the files at downloads.cloud and are licensed under the terms license. If you use these files plea community by including a link to build upon this work, you may dis similar license to this one.	of the Creative Commons Attrik se make sure you attribute the (www.openstreetmap.org. If you	oution Share-Alike 2.0 OpenStreetMap alter, transform, or
Region:	Global		
Country:	All		Year Pub: 2008
Data Set Title:	Global Roads Inventory Project (G	iRIP)	
Originator:	Netherlands Environmental Asses	sment Agency	
Distributor:	Netherlands Environmental Asses	sment Agency	
URL:	http://mapserver.mnp.nl/website	e/GRIP/	
	File Size (MB):	Total Km:	Scale: 1:100K to 1:1M
Source Data: Method: Notes:	Some commercial and many publ	icly collected datasets, no furthe	er details available
Distrib Constraints:			

Region:	Global				
Country:	All			Year Pub:	0
Data Set Title:	ITHACA				
Originator:	Information Tec	hnology for Huma	nitarian Assistance, Coop	peration	
Distributor:	not distributed	publicly			
URL:					
	File Size (MB):		Total Km:	Scale:	
Source Data: Method: Notes:					
Distrib Constraints: Use Constraints:					
Region:	Global				
Country:	All			Year Pub:	1990
Data Set Title:	Vector Smart M	ар О			
Originator:	US National Geo	spatial Intelligence	e Agency (NGIA) Vector S	Smart Map	
Distributor:					
URL:					
	File Size (MB):		Total Km:	Scale:	
Source Data:	Unknown				
Method: Notes:	Unknown				
Distrib Constraints:	None				
Use Constraints:	None				
Region:	Africa				
Country:	Algeria			Year Pub:	2004
Data Set Title:	DZA_PennState				
Originator:	Penn State Univ	ersity			
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Supp	ort Team	
URL:	https://gist.itos.	uga.edu/data/afri	ca/countries/algeria/dat	asets/rdline.zip	
	File Size (MB):	0.422	Total Km:	Scale: 1:1,	,000,000
Source Data: Method:	VMAP0/DCW				
Notes:					

Distrib Constraints:	Unclear
Use Constraints:	Unclear - probably public domain.

Region: Country: Data Set Title: Originator: Distributor: URL:	Africa Algeria DZA_ISCGM_01 International Steer International Steer http://211.19.49.27 File Size (MB): 7	ing Committee f	or Global Mappi	ng (ISCGM)	Year Pub: Scale:	0
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	If you intend to use	e the Global Map	of Algeria for co	ommercial purp	oose, you will need to	
	get permission fror	n National Instit	ute of Cartograp	hy and Remote	e Sensing.	
Region:	Africa					
Country: Data Set Title:	Algeria DZA VMAP1 01.sh				Year Pub:	0
Originator:	US National Geospa	•		Voctor Smart N	lan	
Distributor:	US National Geospa		Agency (NGIA)		laμ	
URL:		25	T . I . I . K		6l.	
		.25	Total Km:		Scale:	
Source Data:	Vector Map Level 1 1cm=2.5km, and is vectorized versions 10,000 sheets.	4 times the reso	lution of VMAP	D. It is based pr		
Method:	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.					
Notes:	The approximate ro DZA_VMAP1_01 ar	•	10% of total nat	tional area. The	metadata for	
Distrib Constraints:	these particular fra (VMAP1a1new.pdf	-	MAP1 database	have no constr	aints	

Region: Country: Data Set Title: Originator: Distributor: URL:	Africa Angola AGO_SAHIMS_C CNIDAH, UNDP SAHIMS	1			Year I	Pub:	0
	File Size (MB):	0.79	Total Km:	66702	Scale:		
Source Data: Method: Notes: Distrib Constraints: Use Constraints:							
Region:	Africa						
Country: Data Set Title:	Angola AGO_PennState				Year I	Pub:	2007
Originator:	Penn State Univ	ersity					
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Inforn	nation Support Tear	n		
URL:	https://gist.itos.	uga.edu/data/afri	ca/countries	/angola/datasets/ro	dline.zip		
	File Size (MB):	0.398	Total Km:		Scale:	1:1,00	0,000
Source Data: Method: Notes:	VMAP0/DCW						
Distrib Constraints:	Unclear						
Use Constraints:	Unclear - probal	oly public domain.					
Region:	Africa						
Country:	Angola				Year I	Pub:	2004

Country:	Angola			Year	Pub:	2004	
Data Set Title:	AGO_NGIA						
Originator:	National Geospa	atial Intellige	nce Agency (NGIA)				
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos	.uga.edu/dat	a/africa/countries/angola/da	atasets/roads.zip			
	File Size (MB):	0.275	Total Km:	Scale:	1:2,0	00,000	
Source Data:							

Method: Notes: Distrib Constraints: None. Use Constraints: None.

Region:	Africa							
Country:	Benin			Year P	ub: 2004			
Data Set Title:	BEN_PennState_	01.shp						
Originator:	Penn State Unive	ersity						
Distributor:	University of Geo	University of Georgia - ITOS, Geographic Information Support Team						
URL:	https://gist.itos.	uga.edu/data/afri	ca/countries/benin/datasets/r	dline.zip				
	File Size (MB):	0.048	Total Km:	Scale:	1:1,000,000			
Source Data:	VMAP0/DCW							
Method:								
Notes:								
Distrib Constraints:								
Use Constraints:								

Region:	Africa					
Country:	Botswana			Year	Pub:	2004
Data Set Title:	BWA_PennState	e_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support	Team		
URL:	https://gist.itos	.uga.edu/data/afr	ca/countries/botswana/dat	asets/rdline.zip		
	File Size (MB):	0.081	Total Km:	Scale:	1:1,00	0,000
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Africa					
Country:	Burkina Faso			Year	Pub:	0
Data Set Title:	BFA_ISCGM_01					
Originator:	International St	eering Committee	for Global Mapping (ISCGM)		
Distributor:	International St	eering Committee	for Global Mapping (ISCGM)		
URL:	http://211.19.4	9.27/gmd/downlo	ad/dl.php			
	File Size (MB):	1.88	Total Km: 12169	Scale:		

Source Data: Method:

Notes:					
Distrib Constraints:					
Use Constraints:	Commercial use contact Institut			nitted. For more detail, p	ease
Region:	Africa				
Country:	Burkina Faso			Year Pu	b: 2004
Data Set Title:	BFA_PennState	_01.shp			
Originator:	Penn State Univ	versity			
Distributor:	University of Ge	eorgia - ITOS, G	eographic Information S	upport Team	
URL:	https://gist.itos	.uga.edu/data	/africa/countries/burkina	_faso/datasets/rdline.zip	
	File Size (MB):	0.146	Total Km:	Scale:	L:1,000,000
Source Data:	VMAP0/DCW				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					
Region:	Africa				
Country:	Burundi			Year Pu	b: 2004
Data Set Title:	BDI_IGEBU_04.	-			
Originator:	Geographic Inst				
Distributor:	University of Ge	eorgia - ITOS, G	Geographic Information Se	upport Team	
URL:	https://gist.itos	.uga.edu/data	/africa/countries/burund	i/datasets/bdiroads_poly	line.zip
	File Size (MB):	0.176	Total Km:	Scale:	unknown
Source Data:					
Method:					

Notes:very coarse description of roads, appears to be spatially inaccurate.Distrib Constraints:unknownUse Constraints:

Region:	Africa							
Country:	Burundi			Year Pub:	2004			
Data Set Title:	BDI_IGEBU_01.sh	пр						
Originator:	United Nations In	United Nations International Children's Emergency Fund						
Distributor:	University of Geo	orgia - ITOS, (Geographic Information Sup	port Team				
URL:	https://gist.itos.u	https://gist.itos.uga.edu/data/africa/countries/burundi/datasets/roads.zip						
	File Size (MB):	4.565	Total Km:	Scale: u	nknown			

Source Data: Method: Notes: Distrib Constraints: unknown Use Constraints:

Region:	Africa				
Country:	Burundi			Year Pub	: 2004
Data Set Title:	BDI_IGEBU_02.sh	ıp			
Originator:	Geographic Instit	ute of Burundi (IG	iEBU)		
Distributor:	University of Geo	orgia - ITOS, Geogr	aphic Information Support Tear	n	
URL:	https://gist.itos.u	ıga.edu/data/afrio	a/countries/burundi/datasets/	bdi02_road.zip	
	File Size (MB):		Total Km:	Scale:	unknown
Source Data: Method:	Unknown				
Notes:	Only smaller terti	ary roads.			
Distrib Constraints:	unknown				
Use Constraints:	Unknown				
Region:	Africa				
Country:	Burundi			Year Pub	: 2004
Data Set Title:	BDI_IGEBU_03.sh	ıp			
Originator:	Geographic Instit	ute of Burundi (IG	iEBU)		
Distributor:	University of Geo	orgia - ITOS, Geogr	aphic Information Support Tear	n	
URL:	https://gist.itos.u	ıga.edu/data/afrio	a/countries/burundi/datasets/	bdi02_route.zip	
	File Size (MB):	1.115	Total Km:	Scale:	unknown
Source Data:					
Method:					
Notes:					
Distrib Constraints:	unknown				
Use Constraints:					
Region:	Africa				
Country:	Burundi			Year Pub	: 2002
Data Set Title:	BDI_Africover_01	L			

Data Set Title:BDI_Africover_01Originator:FAO AfricoverDistributor:FAO AfricoverURL:http://www.africover.org

	File Size (MB):	0.588	Total Km:	3320	Scale:	1:100 000
Source Data: Method:	• ·	been produced fro	•	s 4,3,2) acquired ma erpretation of digita		ar 1999
Notes:						
Distrib Constraints: Use Constraints:		ion displayed in co ion displayed in co				
Region:	Africa					
Country:	Cameroon				Year P	ub: 2004
Data Set Title:	CMR_PennState	e_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITOS, Geogi	aphic Inform	mation Support Tear	n	
URL:	https://gist.itos	.uga.edu/data/afri	ca/countries	s/cameroon/dataset	s/rdline.zip	
	File Size (MB):	0.244	Total Km:		Scale:	1:1,000,000
Source Data:	VMAP0/DCW					
Method:						
Notes:						

Distrib Constraints: Use Constraints:

Region:	Africa					
Country:	Cameroon				Year Pub:	2005
Data Set Title:	CMR_GlobalFor	estWatch_01				
Originator:	Cameroon's Mir	nistry for the Envir	onment and Forest	(MINEF), Lim	ibe	
Distributor:	World Resource	s Institute/Global	Forest Watch			
URL:	http://www.glo	balforestwatch.or	5			
	File Size (MB):	5.26	Total Km: 42422		Scale:	
Source Data: Method: Notes:	Roads were digi (ETM+) for the digitized road da	tized using satellit forested zone of (00 Topographic Map e imagery from Lan Cameroon. Road typ ced 1:200,000 topog of Cameroon.	dsat 7 Enhan De was assign	ced Thematic Map ed by overlaying th	
Distrib Constraints:			technical roads rep obalforestwatch.org		on the Atlas CD as	
Use Constraints:		-	anadian Internation Global Forest Watc	•	•	

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Region:	Africa		
Country:	Cameroon	Year Pub: 1998	}
Data Set Title:	CMR_CARPE_01		
Originator:	CARPE, University of Maryland		
Distributor:	CARPE, University of Maryland		
URL:	http://carpe.umd.edu		
	File Size (MB): 0.334 Total Km: 21910	Scale:	
Source Data:	CARPE, US Defense Mapping Agency, World Resources	insititute, IGN	
Method:	The Cameroon road coverage consists of DCW* roads Sampler, http://www.wri.org) with additional roads f Carte Routiere au 1:1,500,000' dated 1994 and publish Road classifications from the IGN map have been adde	rom the road map 'Cameroon ned by IGN (http://www.ign.fr).	
Notes:			
Distrib Constraints: Use Constraints:	The length of the road segment in kilometers calculate with center at 20 degrees east and 0 degrees north. This data is copyright to the Central African Regional PI (CARPE) and/ or its collaborators. Use and reproductio educational or other non-commercial purposes withou copyright holders.	rogram for the Environment In of the data is authorized for	
Region:	Africa		
Country: Data Set Title:	Cape Verde CPV VMAP1 01.shp	Year Pub: 0)
Originator:	US National Geospatial Intelligence Agency (NGIA) Vec	tor Smart Map	
Distributor:			
URL:			
UNE.	File Size (MB): 0.088 Total Km:	Scale:	
Source Data:	Vector Map Level 1 product resolution is based on 1:25 1cm=2.5km, and is 4 times the resolution of VMAP0. It vectorized versions of 1:250,000 scale NIMA Joint Ope 10,000 sheets.	50,000 map scale source, i.e. t is based primarily on the	

Method:	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.
Notes:	The approximate roads coverage is 30% of total national area. The metadata for CPV_VMAP1_01 are incomplete.
Distrib Constraints:	These particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)
Use Constraints:	

Region:	Africa				
Country:	Cape Verde			Year Put	2004
Data Set Title:	CPV_PennState	_01.shp			
Originator:	Penn State Univ	ersity			
Distributor:	University of Ge	orgia - ITOS, Geo	graphic Information Suppor	t Team	
URL:	https://gist.itos	.uga.edu/data/afr	ica/countries/cape_verde/d	datasets/rdline.zip	
	File Size (MB):	0.08	Total Km:	Scale: 1	1,000,000
Source Data:	VMAP0/DCW				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Africa					
Country:	Central African				Year Pub:	1997
Data Set Title:	CAF_CARPE_01					
Originator:	CARPE, Universi	ty of Maryland				
Distributor:	CARPE, Universi	ty of Maryland				
URL:	http://carpe.um	d.edu				
	File Size (MB):	0.229	Total Km:	24953	Scale:	
Source Data:	CARPE, US Defe	nse Mapping Ager	icy, World R	esources Insititute, I	GN	
Method:	The Central Afri	can Republic road	coverage co	nsists of DCW* road	ls data (taken from	
		• • • • •		g) with additional ro		
				e au 1:1,500,000' da		
	• •		-	assifications from th	•	en
	added to the da	lasel. Additionally	, ierries (ba	c' in French) have b	een auued.	

Notes:

The length of the road segment in kilometers calculated using the Mercator projection with center at 20 degrees east and 0 degrees north.

Distrib Constraints: Use Constraints:

Jse Constraints: This data is copyright to the Central African Regional Program for the Environment (CARPE) and/ or its collaborators. Use and reproduction of the data is authorized for educational or other non-commercial purposes without prior permission from the copyright holders.

Region:	Africa					
Country:	Central African			Year P	Pub:	2004
Data Set Title:	CAF_PennState_	_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	am		
URL:	https://gist.itos	uga.edu/data/afri	ca/countries/central_african_r	epublic/datase	ets/rdl	in
	File Size (MB):	0.15	Total Km:	Scale:	1:1,00	00,000
Source Data:	Similar to CARPI	E data				
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Africa				
Country:	Chad			Year Pub	2004
Data Set Title:	TCD_USAID_01.	shp			
Originator:	Unknown				
Distributor:	University of Ge	eorgia - ITOS,	Geographic Information Sup	oport Team	
URL:	https://gist.itos	.uga.edu/dat	a/africa/countries/chad/dat	asets/roads_chad.zip	
	File Size (MB):	0.038	Total Km:	Scale:	unknown
Source Data:					
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Africa
Country:	Chad
Data Set Title:	TCD_PennState_01.shp

Year Pub: 2004

Originator:	Penn State Univ	versity				
Distributor:	University of Ge	eorgia - ITOS,	Geographic Information Sup	port Team		
URL:	https://gist.itos	https://gist.itos.uga.edu/data/africa/countries/chad/datasets/rdline.zip				
	File Size (MB):	0.275	Total Km:	Scale:	1:1,000,000	
Source Data: Method:	VMAP0/DCW					
Notes:						
Distrib Constraints: Use Constraints:						

Region:	Africa					
Country:	Comoros			Year F	Pub:	2004
Data Set Title:	COM_PennState	e_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITOS, Geo	graphic Information Support	Геат		
URL:	https://gist.itos	.uga.edu/data/afi	ica/countries/comoros/datas	sets/rdline.zip		
	File Size (MB):	0.004	Total Km:	Scale:	1:1,0	00,000
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Africa				
Country:	Congo			Year P	ub: 2004
Data Set Title:	COG_PennState	_01.shp			
Originator:	Penn State Univ	ersity			
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	am	
URL:	https://gist.itos.	uga.edu/data/afri	ca/countries/congo/datasets/r	dline.zip	
	File Size (MB):	0.095	Total Km:	Scale:	1:1,000,000
Source Data:	VMAP0/DCW				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:

Country:

Africa

Congo

Data Set Title:	COG_ISCGM_01				
Originator:	International Ste	ering Committee	for Global Mapping (ISCG	∨I)	
Distributor:	International Ste	ering Committee	for Global Mapping (ISCG	VI)	
URL:	http://211.19.49	.27/gmd/downloa	id/dl.php		
	• • • •	0.404	Total Km: 8796	Scale:	
Source Data: Method: Notes: Distrib Constraints:					
Use Constraints:	you intend to use "Global Map of F	e the data for com Republic of Congo	NGO is free of charge for a mercial purpose, you will © ISCGM/CERGEC" or log information, particular da	need to show the credit os on your product and s	end
Region:	Africa				
Country:	Djibouti			Year Pub:	2007
Data Set Title:	DJI_FAO_IGAD_L	_PI_01			
Originator:					
Distributor:	IGAD FAO Livesto	ock Policy Initiativ	e Data Portal		
URL:	http://ergodd.zo	o.ox.ac.uk/igadw	eb/tiki-index.php		
	File Size (MB):	0.077	Total Km: 2571	Scale:	
Source Data: Method: Notes: Distrib Constraints:					
Method: Notes:					
Method: Notes: Distrib Constraints: Use Constraints: Region:	Africa				
Method: Notes: Distrib Constraints: Use Constraints: Region: Country:	Africa Djibouti	11 sha		Year Pub:	2004
Method: Notes: Distrib Constraints: Use Constraints: Region: Country: Data Set Title:	Africa Djibouti DJI_PennState_C				2004
Method: Notes: Distrib Constraints: Use Constraints: Region: Country: Data Set Title: Originator:	Africa Djibouti DJI_PennState_C Penn State Unive	ersity		Year Pub:	2004
Method: Notes: Distrib Constraints: Use Constraints: Vse Constraints: Country: Data Set Title: Originator: Distributor:	Africa Djibouti DJI_PennState_C Penn State Unive University of Geo	ersity orgia - ITOS, Geog	aphic Information Suppor	Year Pub: rt Team	2004
Method: Notes: Distrib Constraints: Use Constraints: Region: Country: Data Set Title: Originator:	Africa Djibouti DJI_PennState_C Penn State Unive University of Geo https://gist.itos.	ersity orgia - ITOS, Geog uga.edu/data/afri	aphic Information Suppor ca/countries/djibouti/data	Year Pub: rt Team asets/rdline.zip	
Method: Notes: Distrib Constraints: Use Constraints: Vse Constraints: Country: Data Set Title: Originator: Distributor:	Africa Djibouti DJI_PennState_C Penn State Unive University of Geo	ersity orgia - ITOS, Geog	aphic Information Suppor	Year Pub: rt Team asets/rdline.zip	2004

Region:	Africa					
Country:	Djibouti			Year F	Pub:	2004
Data Set Title:	DJI_UNDP_01.sl	hp				
Originator:	United Nations	Development Prog	gramme - Somalia (Ul	NDP)		
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Sup	port Team		
URL:	https://gist.itos	.uga.edu/data/afr	ca/countries/djibouti/	datasets/djroad.zip		
	File Size (MB):	0.434	Total Km:	Scale:	1:10	00,000
Source Data:	topo maps 1956	5-1961				
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Africa					
Country:	Egypt			Year F	Pub:	2002

country.	сбурс	icai	100. 2002
Data Set Title:	EGY_Africover_01		
Originator:	FAO Africover		
Distributor:	Mr. John Latham - FAO		
URL:	\\winserver0\sedacnew\GlobalRoads\data\regions\Africa\ER	I\FAO_IGAD_LP	I\Er_roads
	File Size (MB): 0.716 Total Km: 27399	Scale:	1:100 000
Source Data:	digitally enhanced LANDSAT TM images (Bands 4,3,2) acquire	d mainly in the y	year 1997
Method:	The roads have been produced from visual interpretation of c LANDSAT TM images (Bands 4,3,2) acquired mainly in the yea	• •	ed
Notes:			
Distrib Constraints:	Data can be accessed, reproduced, and distributed given that acknowledged and displayed in the copywrite information (I. Africover). Authors are not responsible for improper use of th	E. Produced by F	• •
Use Constraints:	See below. The Africover Data Sets are NOT for commercial o	r private use.	
Region:	Africa		
Country:	Egypt	Year	Pub: 2007
Data Set Title:	EGY_PennState_01.shp		
Originator:	Penn State University		
Distributor:	University of Georgia - ITOS, Geographic Information Support	Team	
URL:	https://gist.itos.uga.edu/data/africa/countries/egypt/dataset	s/rdline.zip	
	File Size (MB):0.227Total Km:	Scale:	1:1,000,000
Source Data:	VMAP0/DCW		
Method:			

Notes: Distrib Constraints: Use Constraints:

URL:

Region: Country:	Africa Eritrea		Year Pub:	2002
Data Set Title: Originator:	ERI_FAO_IGAD_LPI_01			
Distributor:	IGAD FAO Livestock Policy Initiative Da	ita Portal		
URL:	http://ergodd.zoo.ox.ac.uk/igadweb/t	iki-index.php		
	File Size (MB): 0.145 Tot	tal Km:	Scale:	
Source Data: Method:	digitally enhanced LANDSAT TM image The roads have been produced from vi LANDSAT TM images (Bands 4,3,2) acq	isual interpretation of digita	lly enhanced	999
Notes:				
Distrib Constraints:				
Use Constraints:	The data remains full property of the c distributed given that the owner inforr in the copyright information (I.E. Produ	mation is explicitly acknowle	•	ed
Region:	Africa			
Country: Data Set Title:	Eritrea ERI_USAID_01.shp		Year Pub:	2005
Originator:	USAID/OFDA - Economic & Humanitari	ian Assistance		
Distributor:	University of Georgia - ITOS, Geograph	ic Information Support Tear	n	
URL:	https://gist.itos.uga.edu/data/africa/co	ountries/eritrea/datasets/up	prds2u.zip	
	File Size (MB):3.542Tot	tal Km:	Scale: u	nknown
Source Data: Method:				
Notes:	Data covers parts of north Ethiopia			
Distrib Constraints:				
Use Constraints:				
Region:	Africa			
Country:	Eritrea		Year Pub:	2002
Data Set Title:	ERI_Africover_01			
Originator: Distributor:	FAO Africover FAO - Africover			
	FAU - AITILUVEI			

\\winserver0\sedacnew\GlobalRoads\data\regions\Africa\ERI\FAO_IGAD_LPI\Er_roads

	File Size (MB):	0.148	Total Km:	2455	Scale:	1:100,000			
Source Data: Method:		The roads have been produced from visual interpretation of digitally enhanced ANDSAT TM images (Bands 4,3,2) acquired mainly in the year 1999.							
Notes:									
Distrib Constraints:									
Use Constraints:	distributed give	· · ·	nformation i	It can be accessed, is explicitly acknowle FAO - Africover).	•				
Region:	Africa								
Country:	Eritrea				Year Pu	ab: 2007			
Data Set Title:	ERI_UNDP_01.s	hp							
Originator:	United Nations	Development Prog	gramme - S	Somalia (UNDP)					
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Infor	mation Support Tea	m				
URL:	https://gist.itos	.uga.edu/data/afri	ca/countrie	s/eritrea/datasets/e	rroads.zip				
	File Size (MB):	0.089	Total Km:		Scale:	unknown			
Source Data: Method: Notes:	The roads were	extracted from DC	CW						
Distrib Constraints:									
Use Constraints:									

Region:	Africa				
Country:	Eritrea			Year Pu	u b: 2007
Data Set Title:	ERI_FAO_01.shp)			
Originator:	Food and Agricu	Ilture Organizatio	n of the United Nations		
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	m	
URL:	https://gist.itos	.uga.edu/data/afr	ica/countries/eritrea/datasets/r	fis_road_poly	line.zip
	File Size (MB):	0.066	Total Km:	Scale:	1:1,000,000
Source Data:	USAID/OFDA				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Africa
Country:	Eritrea
Data Set Title:	ERI_USA

itrea ERI_USAID_02.shp Year Pub: 2007

Originator:	USAID/OFDA - Economic & Humanitarian Assistance					
Distributor:	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos.uga.edu/data/africa/countries/eritrea/datasets/upd_rds.zip					
	File Size (MB):	0.651	Total Km:	Scale:	unknown	
Source Data:						
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Africa					
Country:	Ethiopia				Year Pub:	2000
Data Set Title:	ETH_CGIAR_01					
Originator:						
Distributor:	Consultative Gro	oup on Internation	al Agricultur	al Research (CGIAR)		
URL:						
	File Size (MB):	8.714	Total Km:	44897	Scale:	
Source Data:						
Method:						
Notes:	Some topology is	ssues				
Distrib Constraints:						
Use Constraints:						

Region:	Africa								
Country:	Ethiopia			Year P	ub:	2007			
Data Set Title:	ETH_PennState	_01.shp							
Originator:	Penn State Univ	ersity							
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team							
URL:	https://gist.itos	https://gist.itos.uga.edu/data/africa/countries/ethiopia/datasets/rdline.zip							
	File Size (MB):	0.293	Total Km:	Scale:	1:1,00	00,000			
Source Data:	VMAP0/DCW								
Method:									
Notes:									
Distrib Constraints:									
Use Constraints:									

Region:	Africa	
Country:	Ethiopia	Year P

Year Pub: 2007

Data Set Title:	ETH_UNOCHA_0	1.shp			
Originator:	UNOCHA				
Distributor:	University of Geo	orgia - ITOS, Geog	raphic Information Support Tea	n	
URL:	https://gist.itos.	uga.edu/data/afri	ca/countries/ethiopia/datasets/	eth_road.zip	
	File Size (MB):	6.819	Total Km:	Scale:	unknown
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	University of Geo	orgia - ITOS			

Region:	Africa					
Country:	Ethiopia			Year	Pub:	2007
Data Set Title:	ETH_UNDP_01.	shp				
Originator:	United Nations	Development Pro	ogramme - Somalia (UNDP)			
Distributor:	University of Ge	eorgia - ITOS, Geo	graphic Information Support	Team		
URL:	https://gist.itos	.uga.edu/data/al	rica/countries/ethiopia/datas	ets/etroads.zip		
	File Size (MB):	0.435	Total Km:	Scale:	1:1,00	00,000
Source Data:	USAID/OFDA					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Africa						
Country:	Ethiopia			Year Pu	ub: 2007		
Data Set Title:	ETH_USAID_01.s	shp					
Originator:	USAID/OFDA - E	conomic & Humar	itarian Assistance				
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos.	uga.edu/data/afri	ca/countries/ethiopia/datasets/	eth_road_pol	lyline.zip		
	File Size (MB):	0.439	Total Km:	Scale:	1:1,000,000		
Source Data:							
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:							

Region: Africa

Country: Data Set Title:	Ethiopia ETH_FAO_IGAD	0_LPI_01		Year Pub:	
Originator:					
Distributor:	IGAD FAO Lives	tock Policy In	itiative Data Portal		
URL:	http://ergodd.z	oo.ox.ac.uk/i	gadweb/tiki-index.php		
	File Size (MB):	8.731	Total Km: 44840	Scale:	
Source Data: Method: Notes: Distrib Constraints: Use Constraints:					
Region:	Africa				
Country: Data Set Title:	Ethiopia ETH_ISCGM_01	L		Year Pub:	0
Originator:	International St	eering Comm	ittee for Global Mapping (ISC	GM)	
Distributor:	International St	eering Comm	ittee for Global Mapping (ISC	GΜ)	
URL:	http://211.19.4 File Size (MB):	9.27/gmd/do 1.307	wnload/dl.php Total Km: 39734	Scale:	
Source Data: Method: Notes:					
Distrib Constraints:					
Use Constraints:	to get permission mail address en Any unauthoriz	on from the E na@ethionet. ed use of the	al Map of Ethiopia for comme thiopian Mapping Agency (EM et . data for any commercial purp and is strictly forbidden.	A). Please contact EMA a	
Region:	Africa				
Country: Data Set Title:	Gabon GAB_PennState	e_01.shp		Year Pub:	2004
Originator:	Penn State Univ	versity			
Distributor:	University of Ge	eorgia - ITOS,	Geographic Information Supp	ort Team	
URL:	https://gist.itos	.uga.edu/dat	a/africa/countries/gabon/data	asets/rdline.zip	
	File Size (MB):	0.074	Total Km:	Scale: 1:1	,000,000
Source Data: Method: Notes: Distrib Constraints:	VMAP0/DCW				

Region:	Africa						
Country:	Gabon				Year P	ub:	1998
Data Set Title:	GAB_CARPE_01						
Originator:	CARPE, Universit	y of Maryland					
Distributor:	CARPE, Universit	y of Maryland					
URL:	http://m	aps.geog.umd.edu	ı/carpe/Pro	ducts/gab_road.zip			
	File Size (MB):	0.097	Total Km:	7735	Scale:		
Source Data:							
Method:	Sampler, World	Resources Institute iset derived from (e, 1995, orig	nes extracted from th pinally from the Digit produced by the U.S	al Chart of th	ne Worl	d
Notes:							
Distrib Constraints:							
Use Constraints:							
Region:	Africa						
Country:	Gambia, The				Year P	ub:	2004
Data Set Title:	GMB_PennState	_01.shp					
Originator:	Penn State Unive	ersity					
Distributor:	University of Geo	orgia - ITOS, Geogr	aphic Inforr	nation Support Tean	n		
URL:	https://gist.itos.	uga.edu/data/afric	a/countries	/gambia/datasets/ro	dline.zip		
	File Size (MB):	0.017	Total Km:		Scale:	1:1,00	0,000
Source Data:	Ref date: 199702 Digital Chart of t						

Method: Notes:

Distrib Constraints: Use Constraints:

Region:	Africa							
Country: Data Set Title:	Gambia, The GMB_VMAP1_0	1.shp		Year Pub:	0			
Originator: Distributor:	US National Geo	S National Geospatial Intelligence Agency (NGIA) Vector Smart Map						
URL:	File Size (MB):	0.28	Total Km:	Scale:				

Source Data:	Vector Map Level 1 product resolution is based on 1:250,000 map scale source, i.e. 1cm=2.5km, and is 4 times the resolution of VMAP0. It is based primarily on the vectorized versions of 1:250,000 scale NIMA Joint Operations Graphics (JOGs) - nearly 10,000 sheets.
Method:	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.
Notes:	The approximate roads coverage is 30% of total national area. The metadata for GMB_VMAP1_01 are incomplete.
Distrib Constraints:	these particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)

Source Data:

Method:

Region: Country: Data Set Title: Originator: Distributor: URL:	-	ersity eorgia - ITOS, Geog	•	mation Support Tea s/ghana/datasets/rd		ub:	2004
	File Size (MB):	0.154	Total Km:		Scale:	1:1,00	0,000
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	VMAP0/DCW						
Region:	Africa						
Country: Data Set Title: Originator:	Ghana GHA_CGIAR_01 Survey Departm	ent of Ghana			Year P	ub:	1994
Distributor:	Chamberlin, Jor	dan (IFPRI-Addis A	baba), J.CHA	AMBERLIN@CGIAR.C	DRG		
URL:							
	File Size (MB):	6.763	Total Km:	24017	Scale:		

Mosaic of the survey department topographical map of 1974 with a road map produced

by the dept. in 1994 (mainly changing classes).

Notes: Distrib Constraints: Use Constraints:

Region:	Africa				
Country:	Guinea		Year Pub	: 20	04
Data Set Title:	GIN_PennState_01.shp				
Originator:	Penn State University				
Distributor:	University of Georgia - ITOS, Geogra	aphic Information Support Tea	m		
URL:	https://gist.itos.uga.edu/data/afric	a/countries/equatorial_guinea	/datasets/rdline	e.zip	
	File Size (MB): 0.311	Total Km:	Scale: 1:	1,000,0	00
Source Data:	Ref date: 19970221 Digital Chart of the World				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					
Region:	Africa				
Country: Data Set Title:	Guinea		Year Pub):	0
	GIN_VMAP1_01.shp		1		
Originator:	US National Geospatial Intelligence	Agency (NGIA) vector smart N	лар		
Distributor:					
URL:	File Size (MB): 1.495	Total Km:	Scale:		
Source Data:	Vector Map Level 1 product resolut			0	
Source Data.	1cm=2.5km, and is 4 times the resolution vectorized versions of 1:250,000 sc. 10,000 sheets.	lution of VMAP0. It is based pr	rimarily on the		
Method:	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.				
Notes:	The approximate roads coverage is GIN_VMAP1_01 is incomplete.	10% of total national area. The	e metadata for		

Distrib Constraints: Use Constraints:	these particular fragmen (VMAP1a1new.pdf, 1)	ts of the VMAP1 database have no const	raints	
Region: Country: Data Set Title: Originator: Distributor: URL:	International Steering Co http://211.19.49.27/gmc	ommittee for Global Mapping (ISCGM) ommittee for Global Mapping (ISCGM) I/download/dl.php	Year Pub:	0
Source Data: Method: Notes: Distrib Constraints:	File Size (MB): 0.064	Total Km: 2777	Scale:	
Use Constraints:	intend to use the data co Map of Guinea Bissau ©	a Bissau is free of charge for any purpos ommercial purpose, you will need to show ISCGM/Direccao Geral de Geografia c Ca bing your contact information, particula	w the credit "Global dastro" and send mail	
Region:	Africa		Year Pub: 2	2004
Country: Data Set Title:	Guinea-Bissau GNB_PennState_01.shp		fear Pub. 2	2004
Originator:	Penn State University			
Distributor:	University of Georgia - IT	OS, Geographic Information Support Tea	ım	
URL:	https://gist.itos.uga.edu/	/data/africa/countries/guinea-bissau/da	tasets/rdline.zip	
	File Size (MB): 0.043	Total Km:	Scale: 1:1,000	,000,
Source Data:	Ref date: 19970221 Digital Chart of the World	d		
Method:				
Notes:				
Distrib Constraints: Use Constraints:				
Region:	Africa			
Country:	Guinea-Bissau		Year Pub:	0
Data Set Title:	GNB_VMAP1_01.shp			
Originator:	US National Geospatial Ir	ntelligence Agency (NGIA) Vector Smart I	Иар	

Distributor:

URL:						
	File Size (MB): 0.549	Total Km:	Scale:			
Source Data:	Vector Map Level 1 product resol 1cm=2.5km, and is 4 times the re vectorized versions of 1:250,000 s 10,000 sheets.	solution of VMAP0. It is b	based primarily on the			
Method:	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.					
Notes:	The approximate roads coverage GNB_VMAP1_01 is incomplete.	is 40% of total national a	rea. The metadata for			
Distrib Constraints:	these particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)					
Use Constraints:						
Region:	Africa					
Country:	Ivory Coast		Year Pub:	0		
Data Set Title:	CIV_VMAP1_01.shp					
Originator:	US National Geospatial Intelligend	ce Agency (NGIA) Vector	Smart Map			
Distributor:						
URL:						
	File Size (MB):	Total Km:	Scale:			
Source Data:	Vector Map Level 1 product resol 1cm=2.5km, and is 4 times the re vectorized versions of 1:250,000 s 10,000 sheets.	solution of VMAP0. It is b	based primarily on the			
Method:	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.					
	products are organized into them single coverage within a VPF libra	atic layers. Each VMap tl ry. There are two referen prary level.	nce coverages and ten			

Distrib Constraints:	these particular (VMAP1a1new.	-	VMAP1 database have no const	raints	
Use Constraints:					
Region:	Africa				
Country:	Ivory Coast			Year F	Pub: 2004
Data Set Title:	CIV_PennState_	_01.shp			
Originator:	Penn State Univ	rersity			
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	m	
URL:					
	File Size (MB):	0.33	Total Km:	Scale:	1:1,000,000
Source Data:	Ref date: 19970 Digital Chart of ⁻				
Method:					
Notes:					
Distrib Constraints: Use Constraints:					
Region:	Africa				
Country:	Ivory Coast			Year F	Pub: 2004
Data Set Title:	CIV_NGIA_03.sh	ıp			
Originator:	National Geospa	atial Intelligence A	gency (NGIA)		
Distributor:	University of Ge	eorgia - ITOS, Geog	raphic Information Support Tea	m	
URL:	https://gist.itos	.uga.edu/data/afri	ca/countries/ivory_coast/datas	ets/tracks.zip)
	File Size (MB):	0.241	Total Km:	Scale:	unknown
Source Data:	USAID/OFDA				
Method:					
Notes:					
Distrib Constraints: Use Constraints:					
Use constraints.					
Region:	Africa				
Country:	Ivory Coast			Year F	Pub: 2004
Data Set Title:	CIV_NGIA_02.sh	ıp			
Originator:		atial Intelligence A	gency (NGIA)		
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	m	
URL:	https://gist.itos	.uga.edu/data/afri	ca/countries/ivory_coast/datas	ets/hard-surf	.zip
	File Size (MB):	0.123	Total Km:	Scale:	unknown
Source Data:	Πέδιο/Οεόδ				

Source Data: USAID/OFDA

Method: Notes: Distrib Constraints: Use Constraints:

Region:	Africa						
Country:	Ivory Coast			Year F	Pub:	2004	
Data Set Title:	CIV_ESRI_01.shp						
Originator:	Environmental Sy	stems Research li	nstitute				
Distributor:	University of Geo	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos.u	uga.edu/data/afrio	a/countries/ivory_coast/datas	ets/ivhsr.zip			
	File Size (MB):	0.136	Total Km:	Scale:	1:1,00	00,000	
Source Data:	University of Geo	orgia - ITOS, Geogr	aphic Information Support Tea	m (GIST)			
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:							

Region:	Africa								
Country:	Ivory Coast			Year F	Pub: 2004				
Data Set Title:	CIV_NGIA_01.sh	ıp							
Originator:	National Geospa	National Geospatial Intelligence Agency (NGIA)							
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team							
URL:	https://gist.itos	https://gist.itos.uga.edu/data/africa/countries/ivory_coast/datasets/loose-light.zip							
	File Size (MB):	0.089	Total Km:	Scale:	unknown				
Source Data:	USAID/OFDA								
Method:									
Notes:									
Distrib Constraints:									
Use Constraints:									

Region:	Africa				
Country: Data Set Title:	Kenya			Year Pub:	2009
Originator:	Google Map Ma	ker			
Distributor:	Google Map Ma	ker Source Data			
URL:					
	File Size (MB):	83.8	Total Km:	Scale:	

Source Data:	
Method: Notes:	
Distrib Constraints:	
Use Constraints:	Thank you for your interest in the Google Map Maker Source Data. The Google Map Maker Source Data License Agreement gives non-profit entities, government agencies, and individuals the ability to use certain raw map data from Google Map Maker (the "Map Maker Source Data") to create or enhance their own non-commercial map-related projects (such as disaster-relief assessment studies). To help Google make your map data universally accessible and useful, we encourage you to share your edits and enhancements with the community by adding those edits and enhancements to Google Map Maker.

Please don't use the Map Maker Source Data if: (a) you are a for-profit entity; or (b) you want to use the map data for any commercial purpose; or (c) you want to create a mapping service (such as driving directions); or (d) you want to create any other service that is similar to a service already provided by Google through its products and APIs. Instead, please consider using the Google Maps APIs or Google's other products under the terms of service associated with those products.

Region: Country: Data Set Title: Originator:	Africa Kenya KEN_NGIA_01.shj National Geospat		ency (NGIA)	Year	Pub: 2007
Distributor:			aphic Information Support Tea	m	
URL:			:a/countries/kenya/datasets/ro		
	1 1 0	0.845	Total Km:	Scale:	1:1,500,000
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	USAID/OFDA				
Region:	Africa				
Country: Data Set Title:	Kenya KEN_UNDP_01.sh	ıp		Year	Pub: 2004
Originator:	United Nations De	evelopment Prog	ramme - Somalia (UNDP)		
Distributor:	University of Geo	rgia - ITOS, Geogr	aphic Information Support Tea	m	
URL:	https://gist.itos.u	ga.edu/data/afrio	a/countries/kenya/datasets/ke	eroads.zip	
	File Size (MB):	0.423	Total Km:	Scale:	1:1,000,000
Source Data: Method:	USAID/OFDA				

Notes: Distrib Constraints: Use Constraints:

Region: Country:	Africa Kenya	Year Pub:	0
Data Set Title:	KEN_ISCGM_01		0
Originator:	International Steering Committee for Global Mapping (ISCGM)		
Distributor:	International Steering Committee for Global Mapping (ISCGM)		
URL:	http://211.19.49.27/gmd/download/dl.php		
	File Size (MB): 3.475 Total Km: 22876 Sca	le:	
Source Data:			
Method:			
Notes:			
Distrib Constraints: Use Constraints:	Commercial use of Global Map Kenya is not permitted. For more detai Survey of Kenya.	l, please cont	act
Region:	Africa		
Country:	Kenya	Year Pub:	2002
Data Set Title:	KEN_Africover_01		
Originator:	FAO Africover		
Distributor:	John Latham - FAO		
URL:			
	File Size (MB): 0.866 Total Km: 24017 Sca		100 000
Source Data: Method:	digitally enhanced LANDSAT TM images (Bands 4,3,2) acquired mainly The roads have been produced from visual interpretation of digitally e LANDSAT TM images (Bands 4,3,2) acquired mainly in the year 1995.	•	995
Notes:			
Distrib Constraints:	Data can be accessed, reproduced, and distributed given that owner in acknowledged and displayed in the copywrite information (I.E. Produc Africover). Authors are not responsible for improper use of the data.	•	У
Use Constraints:	See below. The Africover Data Sets are NOT for commercial or private	use.	
Region:	Africa		
Country:	Kenya	Year Pub:	0
Data Set Title:	KEN_FAO_IGAD_LPI_01		
Originator:	Roy Jorgensen Associates, Inc. (amvkimani@roadsnet.go.ke)		
Distributor:	IGAD FAO Livestock Policy Initiative Data Portal		

URL:	http://ergodd.zoo.ox.ac.uk/igadweb/tiki-index.php						
	File Size (MB):	113.7	Total Km:	63886	Scale:		
Source Data: Method:	positioning (GPS	6) equipment ar	id then downlo	aded to office	al field teams using Global e computers for processing, rict-by-district basis.		
Notes:	This dataset has KEN_Africover_		•	Road segmen	ts seem to match		
Distrib Constraints:							
Use Constraints:							
Region:	Africa						
Country: Data Set Title: Originator:	Lesotho LSO_AndyNelso	n_01			Year Pub:	0	
Distributor:	Andy Nelson						
URL:	\\winserver0\se File Size (MB):	edacnew\Global 0.02	Roads\data\reg Total Km:	-	_SO\AndyNelson\LSO_Andy Scale:	,	
Source Data: Method: Notes:							
Distrib Constraints: Use Constraints:							
Region:	Africa						
Country: Data Set Title:	Liberia LBR_VMAP1_01	.shp			Year Pub:	0	
Originator:	US National Geo	ospatial Intellige	nce Agency (No	GIA) Vector Si	mart Map		
Distributor:							
URL:	\\winserver0\se	edacnew\Global	Roads\data\re	gions\Africa\L	_BR\VMAP1\LBR_VMAP1_0	1	
	File Size (MB):	0.747	Total Km:		Scale:		
Source Data:	1cm=2.5km, and	d is 4 times the	resolution of VI	MAP0. It is ba	0 map scale source, i.e. sed primarily on the ns Graphics (JOGs) - nearly		
Method:	product is mean geographic exte regional databat from the feature	n sea level (MSL) ent of the VMap ses. VMap Leve e content define). The unit of m Level 1 produc I 1 data from st ed in the associ	easure for VN t is global and andard DMA ated military	vertical datum for this VMa Aap is metric. The d consists of multiple source products are derived specification VMAP_89033 n NIMA Publications. Data		

	gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.
Notes:	The approximate roads coverage is 15% of total national area. The metadata for LBR_VMAP1_01 are incomplete.
Distrib Constraints:	these particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)

Region:	Africa					
Country:	Liberia			Year	Pub:	2004
Data Set Title:	LBR_PennState_	_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support	Team		
URL:	https://gist.itos.	uga.edu/data/afr	ica/countries/liberia/dataset	s/rdline.zip		
	File Size (MB):	0.135	Total Km:	Scale:	1:1,0	00,000
Source Data:	Ref date: 19970 Digital Chart of 1					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Africa				
Country:	Liberia			Year Pub	: 2004
Data Set Title:	LBR_NGIA_01.sl	np			
Originator:	National Geospa	atial Intelligence Ag	gency (NGIA)		
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	ım	
URL:	https://gist.itos	.uga.edu/data/afri	ca/countries/liberia/datasets/li	roadl.zip	
	File Size (MB):	0.399	Total Km:	Scale:	unknown
Source Data:	, ,	le for the resource: agiu@usaid.gov) ph	USAID/OFDA, Economic and H 1: (202)661-9321	lumanitarian	
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Data Set Title: Originator: Distributor: URL:	-	orgia - ITOS, Geog	raphic Information	Support Team a/datasets/litracks.	zin	
UNL.	File Size (MB):	1.182	Total Km:	Scale:	•	000
Source Data: Method: Notes: Distrib Constraints:	creation date:19	99				
Use Constraints:	Access and use a	are restricted to G	IST members.			
Region:	Africa					
Country:	Libya			١	lear Pub:	0
Data Set Title:	LBY_VMAP1_01					
Originator:	US National Geo	spatial Intelligenc	e Agency (NGIA) Ve	ctor Smart Map		
Distributor:						
URL:	File Size (MB):	0.667	Total Km:	Scale:		
Source Data:	Vector Map Leve 1cm=2.5km, and vectorized version	el 1 product resolu l is 4 times the res	ition is based on 1:2 olution of VMAP0.	250,000 map scale so t is based primarily erations Graphics (J0	ource, i.e. on the	
Method:	10,000 sheets. The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.					
Notes:	••	e roads coverage i or LBY_VMAP1_01	s 10% of total natio are incomplete.	nal area.		
Distrib Constraints:	these particular (VMAP1a1new.p	-	VMAP1 database ha	ve no constraints		
Use Constraints:						
Region:	Africa					
Country:	Madagascar			Y	/ear Pub:	0
Data Set Title:	MDG_SAHIMS_()1				
Originator:	CNS (Counsil Nat	tional de Secours)				

Distributor: URL:	SAHIMS				
	File Size (MB):	1.062	Total Km: 69738	Scale:	
Source Data: Method: Notes:					
Distrib Constraints: Use Constraints:					
Region:	Africa				
Country: Data Set Title:	Malawi MWI_CGIAR_01			Year Pub:	0
Originator:	DANIDA-funded	District Mapping F	Project		
Distributor:	Consultative Gro	oup on Internation	al Agricultural Research (CGI	AR)	
URL:					
	File Size (MB):	4.41	Total Km: 20177	Scale:	
Source Data: Method:	Developed from	either scanning or	0 scale maps for the country [•] digitizing the roads informa naps for the country.		
Notes:					
Distrib Constraints: Use Constraints:					
Region:	Africa				
Country: Data Set Title:	Malawi MWI_CGIAR_02			Year Pub:	0
Originator:	DANIDA-funded	District Mapping F	Project		
Distributor:	Consultative Gro	oup on Internation	al Agricultural Research (CGI	AR)	
URL:					
	File Size (MB):	59.815	Total Km: 924761	Scale:	
Source Data: Method:					
Notes:					
Distrib Constraints: Use Constraints:					
ose constraints:					
Region:	Africa				
Country:	Mali			Year Pub:	2004

Country:MaliData Set Title:MLI_PennState_01.shp

Originator:	Penn State University						
Distributor:	University of Georgia - ITOS, Geographic Information Support Team						
URL:	https://gist.itos.uga.edu/data/africa/countries/mali/datasets/rdline.zip						
	File Size (MB):	0.276	Total Km:	Scale:	1:1,000,000		
Source Data:	VMAP0/DCW						
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:							

Region:	Africa						
Country:	Mauritania			Year P	ub: 2004		
Data Set Title:	MRT_PennState	_01.shp					
Originator:	Penn State Univ	ersity					
Distributor:	University of Georgia - ITOS, Geographic Information Support Team						
URL:	https://gist.itos.uga.edu/data/africa/countries/mauritania/datasets/rdline.zip						
	File Size (MB):	0.186	Total Km:	Scale:	1:1,000,000		
Source Data:	Ref date: 19970 Digital Chart of						
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:							

Region:	Africa					
Country:	Mauritius			Year	Pub:	2004
Data Set Title:	MUS_PennState	e_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos.uga.edu/data/africa/countries/mauritius/datasets/rdline.zip					
	File Size (MB):	0.006	Total Km:	Scale:	1:1,0	00,000
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Africa					

Country: Morocco

Data Set Title: MAR_PennState_01.shp						
Originator: Penn State University	Penn State University					
Distributor: University of Georgia - ITOS, Geographic Information Supp	University of Georgia - ITOS, Geographic Information Support Team					
URL: https://gist.itos.uga.edu/data/africa/countries/morocco/d	://gist.itos.uga.edu/data/africa/countries/morocco/datasets/rdline.zip					
File Size (MB):0.225Total Km:	Scale: 1:1,000,000					
Source Data: VMAP0/DCW						
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						
Region: Africa						
Country: Mozambique	Year Pub: 2002					
Data Set Title: MOZ_SAHIMS_01						
Originator: WFP/VAM						
Distributor: SAHIMS						
URL:						
File Size (MB): 0.58 Total Km: 24972	Scale:					
Source Data:						
Method:						
	perfect overlay with MOZ_WFP_01 but has road type attributes which the latter does not seem to have, but missing a few roads compared to MOZ_WFP_01					
Distrib Constraints:						
Use Constraints: Free access but with VAM copyright	Free access but with VAM copyright					
Region: Africa						
Country: Mozambique	Year Pub: 0					
Data Set Title: MOZ_AndyNelson_02						
Originator:						
Distributor:						
URL:	Cooler					
File Size (MB): 0.07 Total Km: 4207	Scale:					
Source Data: Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:	File Size (MB):	-	n/main.search?extended=off&a Total Km: 25659 6_01 but a few roads added (bu	Scale:	0
Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:	Consultative Gro	gres (afernandes@	al Agricultural Research (CGIAR Total Km: 47654	Year Pub:	0
Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:	-	gres (afernandes@	Quem.mz) al Agricultural Research (CGIAR Total Km: 31527	Year Pub:) Scale:	0

Region:	Africa						
Country: Data Set Title:	Mozambique MOZ_AndyNels	Year Pub:	: 1995				
Originator:	Africa Data Sam	Africa Data Sampler, World Resources Institute					
Distributor:							
URL:							
	File Size (MB):	0.536	Total Km: 48779	Scale:			
Source Data:							
Method:							
Notes:	perfect match v	vith MOZ_CGIAR_	01 but cleaned up attributes				
Distrib Constraints: Use Constraints:							
Region:	Africa						
Country:	Mozambique			Year Pub:	: 2007		
Data Set Title:	MOZ_WFP_04						
Originator:	WFP/VAM						
Distributor:	University of Ge	orgia - ITOS, Geo	graphic Information Support T	Team			
URL:	https://gist.itos.uga.edu/data/africa/countries/mozambique/datasets/road_tertiary.zipFile Size (MB):0.168Total Km:Scale:unknown						
Source Data: Method: Notes:	USAID/OFDA						
Distrib Constraints:							
Use Constraints:							
Region:	Africa						
Country:	Mozambique			Year Pub:	: 0		
Data Set Title:	MOZ_ISCGM_0	1					
Originator:	International Steering Committee for Global Mapping (ISCGM)						
Distributor:	International Steering Committee for Global Mapping (ISCGM)						
URL:	http://211.19.49.27/gmd/download/dl.php						
	File Size (MB):	5.49	Total Km:	Scale:			
Source Data: Method: Notes:							
Distrib Constraints:							
Use Constraints:	The Global Map	of Mozambique i	s free of charge for any purpo	ose. However, if you	I		
intend to use the data for commercial purpose, you will need to show the credit "Global Map of Mozambique © ISCGM/CENACARTA" on your product and send mail to manuel.ferrao@cenacarta.com describing your contact information, particular dataset used and purpose of use.

Region:	Africa				
Country:	Mozambique			Year Pul	b: 2007
Data Set Title:	MOZ_WFP_03				
Originator:	WFP/VAM				
Distributor:	University of Ge	orgia - ITOS,	Geographic Information Sup	port Team	
URL:	https://gist.itos	.uga.edu/data	a/africa/countries/mozambi	que/datasets/road_secc	ondary
	File Size (MB):	0.109	Total Km:	Scale:	unknown
Source Data:	USAID/OFDA				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					
Region:	Africa				

Country: Data Set Title:	Mozambique MOZ_USAID_01	.shp		Year Pul	b: 2007
Originator:	USAID/OFDA - E	conomic & Humai	nitarian Assistance		
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	m	
URL:	https://gist.itos	uga.edu/data/afr	ica/countries/mozambique/data	asets/comg_arc	zip
	File Size (MB):	2.997	Total Km:	Scale:	1:250,000
Source Data:					
Method:					
Notes:					
Distrib Constraints: Use Constraints:					

Region:	Africa				
Country: Data Set Title:	Mozambique MOZ_WFP_02			Year Pu	ı b: 2007
Originator:	WFP/VAM				
Distributor:	University of Ge	orgia - ITOS, G	eographic Information Su	pport Team	
URL:	https://gist.itos	.uga.edu/data	/africa/countries/mozamb	pique/datasets/road_pri	n.zip
	File Size (MB):	0.067	Total Km:	Scale:	unknown
Source Data:	USAID/OFDA				

Method: Notes: Distrib Constraints: Use Constraints:

Region:	Africa						
Country:	Namibia Year Pub:						
Data Set Title:	NAM_VMAP1_0	1.shp					
Originator:	US National Geo	spatial Intelligen	ce Agency (NGIA) Vecto	or Smart Map			
Distributor:							
URL:							
	File Size (MB):	1.311	Total Km:	Scale	: :		
Source Data:	1cm=2.5km, and	l is 4 times the re	ution is based on 1:25 solution of VMAP0. It i scale NIMA Joint Opera	s based primarily	y on the	y	
Method:	product is mean geographic exte regional databas from the feature and allied apper gaps between a products are org	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten					
Notes:		e roads coverage 1 are incomplete	is 35% of total nationa	l area. The meta	data for		
Distrib Constraints:	these particular (VMAP1a1new.p	-	VMAP1 database have	e no constraints			
Use Constraints:							
Region:	Africa						
Country:	Namibia				Year Pub:	2004	
Data Set Title:	NAM_PennState	e_01.shp					
Originator:	Penn State Univ	ersity					
Distributor:	University of Ge	orgia - ITOS, Geog	graphic Information Su	pport Team			
URL:	https://gist.itos.	uga.edu/data/afr	ica/countries/namibia	/datasets/rdline.	.zip		
	File Size (MB):	0.175	Total Km:	Scale	e: 1:1,00	00,000	
Source Data:	VMAP0/DCW						
Method:							
Notes:							

Distrib Constraints: Use Constraints:

Region:	Africa					
Country:	Niger			Year	Pub:	2004
Data Set Title:	NER_PennState_	_01.shp				
Originator:	Penn State Unive	ersity				
Distributor:	University of Geo	orgia - ITOS, Geogi	raphic Information Support	Team		
URL:	https://gist.itos.	uga.edu/data/afri	ca/countries/niger/datasets	/rdline.zip		
	File Size (MB):	0.229	Total Km:	Scale:	1:1,00	00,000
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Africa						
Country:	Niger			Year Pub:	0		
Data Set Title:	NER_ISCGM_02	NER_ISCGM_02					
Originator:	International Ste	eering Committee	e for Global Mapping (ISCGM)				
Distributor:	International Ste	eering Committe	e for Global Mapping (ISCGM)				
URL:	http://211.19.49	9.27/gmd/downle	oad/dl.php				
	File Size (MB):	0.918	Total Km: 33437	Scale:			
Source Data:							
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:	If you intend to use the Global Map of Niger for commercial purpose, you will need to get permission from Institute Geographic National of Niger (IGN.N). Please contact Director General of IGN.N at e-mail : ah_dabey@yahoo.fr Any unauthorized use of the data for any commercial purposes is in violation of international copyright laws and is strictly forbidden.						
Region:	Africa						
Country:	Niger			Year Pub:	0		
Data Set Title:	NER_ISCGM_01						
Originator:	International Ste	eering Committee	e for Global Mapping (ISCGM)				
Distributor:	International Ste	eering Committee	e for Global Mapping (ISCGM)				
URL:	http://211.19.49	9.27/gmd/downlo	oad/dl.php				

File Size (MB): 0.283

Scale:

Source Data: Method: Notes: Distrib Constraints: Use Constraints:	•	te Geographic National of N at e-mail : ah_dabey@yahoo e data for any commercial p	
Region:	Africa		
Country: Data Set Title:	Nigeria NGA_IITA_01.shp		Year Pub: 2005
Originator:	International Institute for T	ropical Agriculture (IITA) Ge	ospatial
Distributor:			
URL:	File Size (MB):	Total Km:	Scale:
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	Landsat imagery, ground re IITA performed a re-interpr interpretation of Landsat TI drivers' personal experience better than any other digita	ecognizance retation of the road network M satellite imagery, with so es. This has not all been gro al road map of Nigeria. imagery suggestions relativ te. reely available, and can be u	t of Nigeria, based on visual me cross-checking against IITA und-checked, but it may be rely high spatial accuracy, but the sed for any purpose.
Region: Country: Data Set Title: Originator: Distributor: URL:	Africa Nigeria NGA_OSM_01.shp Open Street Map Project CloudMade http://www.cloudmade.com File Size (MB): 1	m Total Km:	Year Pub: 0 Scale:
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	OSM		

Region:	Africa					
Country:	Nigeria			Year	Pub:	2004
Data Set Title:	NGA_PennState	e_01.shp				
Originator:	Penn State Univ	rersity				
Distributor:	University of Ge	orgia - ITOS,	Geographic Information Sup	port Team		
URL:	https://gist.itos	.uga.edu/dat	a/africa/countries/nigeria/da	atasets/rdline.zip		
	File Size (MB):	0.535	Total Km:	Scale:	1:1,0	00,000
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Africa					

Region.	AIIICa					
Country:	Reunion			Year	Pub:	2004
Data Set Title:	REU_PennState	_01.shp				
Originator:	Penn State Univ	versity				
Distributor:	University of Ge	eorgia - ITOS, Geog	raphic Information Support Tea	im		
URL:	https://gist.itos	.uga.edu/data/afr	ca/countries/reunion/datasets,	/rdline.zip		
	File Size (MB):	0.017	Total Km:	Scale:	1:1,00	00,000
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Africa				
Country: Data Set Title:	Rwanda			Year I	Pub: 2004
Originator:	US National Geo	spatial Intelligence	e Agency (NGIA) Vector Smart	Мар	
Distributor:	University of Geo	orgia - ITOS, Geogi	aphic Information Support Te	am	
URL:	https://gist.itos.	uga.edu/data/afrio	ca/countries/rwanda/datasets	/ref_road.zip	
	File Size (MB):	0.157	Total Km:	Scale:	1:3,250,000
Source Data:	USAID/OFDA				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Africa				
Country:	Rwanda			Year Pub:	: 2004
Data Set Title:	RWA_NGIA_01.	shp			
Originator:	US National Geo	ospatial Intelligenc	e Agency (NGIA) Vector Smart N	1ap	
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	m	
URL:	https://gist.itos.	.uga.edu/data/afri	ca/countries/rwanda/datasets/	pav_rd1.zip	
	File Size (MB):	0.022	Total Km:	Scale:	1:15,000
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	USAID/OFDA				
Region:	Africa				
Country:	Rwanda	shn		Year Pub:	: 2004

country.	Rwallua			real Pub	. 2004
Data Set Title:	RWA_NGIA_01.	shp			
Originator:	US National Geo	ospatial Intelligend	ce Agency (NGIA) Vector Smart N	Лар	
Distributor:	University of Ge	orgia - ITOS, Geog	graphic Information Support Tea	m	
URL:	https://gist.itos.	uga.edu/data/afr	ica/countries/rwanda/datasets/	unpv_rd1.zip	
	File Size (MB):	0.016	Total Km:	Scale:	1:15,000
Source Data:	USAID/OFDA				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Africa						
Country:	Rwanda				Year Pu	b: 2002	
Data Set Title:	RWA_Africover_	01					
Originator:	FAO Africover						
Distributor:	Mr. John Latham	- FAO					
URL:	http://www.afrio	cover.org					
	File Size (MB):	0.244	Total Km:	1531	Scale:	1:100,000	
Source Data:	digitally enhance	ed LANDSAT TM im	nages (Bands	4,3,2) acquired ma	inly in the yea	r 1999.	
Method:		The roads have been produced from visual interpretation of Landsat imagery. The roads have been included for orientation purposes and should not be seen as					
Notes:							
Distrib Constraints:	Data can be acce	ssed, reproduced	and distribu	uted given that own	er info is expli	citly	

versity of Georgia	a - ITOS, Geogra .edu/data/africa	Agency (NGIA) Vector Smart M aphic Information Support Tear a/countries/rwanda/datasets/t Total Km:	n	Pub: 2	2004
versity of Georgia ps://gist.itos.uga. Size (MB): 0.1	a - ITOS, Geogra .edu/data/africa	aphic Information Support Tear a/countries/rwanda/datasets/t	n rail1.zip	1:1,250	,000
	.94	Total Km:	Scale:	1:1,250	,000
ica anda A_AndyNelson_0)1		Year	Pub:	0
Size (MB): 8.4	12	Total Km: 26584	Scale:		
n State Universit versity of Georgia	a - ITOS, Geogra .edu/data/africa	a/countries/sao_tome_and_pri	n	sets/rdlin	
T _l n	ome and PennState_01.s State Universit ersity of Georgi ://gist.itos.uga	ome and PennState_01.shp State University ersity of Georgia - ITOS, Geogra ://gist.itos.uga.edu/data/afric ize (MB): 0.007	Tome and PennState_01.shp State University ersity of Georgia - ITOS, Geographic Information Support Tear ://gist.itos.uga.edu/data/africa/countries/sao_tome_and_pri ize (MB): 0.007 Total Km:	Tome and Year PennState_01.shp State University ersity of Georgia - ITOS, Geographic Information Support Team ://gist.itos.uga.edu/data/africa/countries/sao_tome_and_principe/datas ize (MB): 0.007 Total Km: Scale:	Tome and Year Pub: 2 PennState_01.shp State University ersity of Georgia - ITOS, Geographic Information Support Team ://gist.itos.uga.edu/data/africa/countries/sao_tome_and_principe/datasets/rdlin ize (MB): 0.007 Total Km: Scale: 1:1,000

Notes: Distrib Constraints: Use Constraints:

Region:	Africa						
Country: Data Set Title:	Senegal SEN_ISCGM_01				Year I	Pub:	0
Originator:		eering Committee	for Global N	lapping (ISCGM)			
Distributor:	International St	eering Committee	for Global N	lapping (ISCGM)			
URL:	http://211.19.4	9.27/gmd/downloa	ad/dl.php				
	File Size (MB):	0.935	Total Km:	20978	Scale:		
Source Data: Method: Notes:							
Distrib Constraints:							
Use Constraints:	use the data for jump to DTGC V	· commercial purpo Veb site for licensi	ose, you will ng. Any unat	r any purpose. How need to get a licens Ithorized use of the ional copyright laws	e from DTGC data for any	C. Please	
Region:	Africa						
Country:	Senegal				Year I	Pub:	2004
Data Set Title:	SEN_PennState						
Originator:	Penn State Univ						
Distributor:			•	nation Support Tea			
URL:		-	rica/countrie Total Km:	es/senegal/datasets	•	1.1.00	0 000
Source Data:	File Size (MB):	0.198			Coolor		
	Ref date: 19970 Digital Chart of				Scale:	1:1,00	0,000
Method:					Scale:	1:1,00	0,000
Method: Notes:					Scale:	1:1,00	0,000
Notes: Distrib Constraints:			Total Kill.		Scale:	1:1,00	0,000
Notes:					Scale:	1:1,00	0,000
Notes: Distrib Constraints:					Scale:	1:1,00	0,000
Notes: Distrib Constraints: Use Constraints:	Digital Chart of	the World			Scale: Year I		0

Originator: US National Geospatial Intelligence Agency (NGIA) Vector Smart Map

Distributor:

URL:				
	File Size (MB):	1.14	Total Km:	Scale:
Source Data:	1cm=2.5km, and	d is 4 times the re	solution of VMAP0.	250,000 map scale source, i.e. It is based primarily on the perations Graphics (JOGs) - nearly
Method:	product is mean geographic exte regional databas from the feature and allied apper gaps between a products are org single coverage	n sea level (MSL). ont of the VMap Level 1 ses. VMap Level 1 e content defined ndix, available for VMap Level 1 libr ganized into them	The unit of measure evel 1 product is glo data from standar in the associated n download as .pdf fi ary may exist due t atic layers. Each VM ry. There are two re	34. The vertical datum for this VMap e for VMap is metric. The bal and consists of multiple d DMA source products are derived nilitary specification VMAP_89033 les from NIMA Publications. Data o absence of data. VMap Level 1 Map thematic layer is stored as a eference coverages and ten
Notes:	••	e roads coverage Lare incomplete.	is 20% of total nation	onal area. The metadata for
Distrib Constraints:	these particular (VMAP1a1new.	-	VMAP1 database h	ave no constraints
Use Constraints:				
Region:	Africa			
Country:	Sierra Leone			Year Pub: 2004

Data Set Title:	SLE_NGIA_01.sh	ıp			
Originator:	National Geospa	atial Intelligence A	gency (NGIA)		
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support	eam	
URL:	https://gist.itos	.uga.edu/data/afri	ca/countries/sierra_leone/d	atasets/sl_roads.	zip
	File Size (MB):	0.481	Total Km:	Scale:	unknown
Source Data:		le for the resource agiu@usaid.gov) p	: USAID/OFDA, Economic and h: (202)661-9321	d Humanitarian	
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Africa		
Country:	Sierra Leone	Year Pub:	2004
Data Set Title:	SLE_NGIA_02.shp		
Originator:	US National Geospatial Intelligence Agency (NGIA) Vector Smart Map		
Distributor:	University of Georgia - ITOS, Geographic Information Support Team		

URL:	https://gist.itos.uga.edu/data/africa/countries/sierra_leone/datasets/slcarttrack.zip						
	File Size (MB):	0.287	Total Km:	Scale:	unknown		
Source Data:	USAID/OFDA						
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:							

Region:	Africa							
Country:	Sierra Leone			Yea	ar Pub:	2004		
Data Set Title:	SLE_PennState_	01.shp						
Originator:	Penn State Univ	ersity						
Distributor:	University of Ge	orgia - ITOS, Ge	ographic Information Su	upport Team				
URL:	https://gist.itos	https://gist.itos.uga.edu/data/africa/countries/sierra_leone/datasets/rdline.zip						
	File Size (MB):	0.11	Total Km:	Scale:	1:1,0	00,000		
Source Data:	Ref date: 19970 Digital Chart of t							
Method:								
Notes:								
Distrib Constraints:								
Use Constraints:								

Region:	Africa					
Country:	Sierra Leone			Year Pub:	0	
Data Set Title:	SLE_VMAP1_01.s	shp				
Originator:	US National Geos	spatial Intelligenc	e Agency (NGIA) Vector Smart	Мар		
Distributor:						
URL:						
	File Size (MB):	0.899	Total Km:	Scale:		
Source Data:	Vector Map Level 1 product resolution is based on 1:250,000 map scale source, i.e. 1cm=2.5km, and is 4 times the resolution of VMAP0. It is based primarily on the vectorized versions of 1:250,000 scale NIMA Joint Operations Graphics (JOGs) - nearly 10,000 sheets.					
Method:	product is mean s geographic exten regional database from the feature and allied append gaps between a V	sea level (MSL). T at of the VMap Le es. VMap Level 1 content defined dix, available for o VMap Level 1 libra	IP product is WGS84. The vert he unit of measure for VMap is vel 1 product is global and cor data from standard DMA sour in the associated military spec download as .pdf files from NII ary may exist due to absence of atic layers. Each VMap themat	s metric. The sists of multiple ce products are derived ification VMAP_89033 MA Publications. Data of data. VMap Level 1		

	single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.
Notes:	The approximate roads coverage is 40% of total national area. The metadata for SLE_VMAP1_01 is incomplete.
Distrib Constraints:	these particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)

Use Constraints:

Region:	Africa				
Country:	Somalia			Year Pub:	0
Data Set Title:	SOM_FAO_IGAD	D_LPI_02			
Originator:					
Distributor:	FAO, IGAD FAO	Livestock Policy Ir	itiative		
URL:	http://ergodd.zo	oo.ox.ac.uk/igadw	/eb/tiki-index.php		
	File Size (MB):	15.204	Total Km:	Scale:	
Source Data:	FSAU, Food Secu	urity Analysis Unit	, UNDP		
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					
Region:	Africa				
Country:	Somalia			Year Pub:	1999

Country:	Somalia			fear Pub:	1999	
Data Set Title:	SOM_FAO_IGAI	D_LPI_01				
Originator:						
Distributor:	FAO, IGAD FAO	Livestock Poli	cy Initiative			
URL:	http://ergodd.zoo.ox.ac.uk/igadweb/tiki-index.php					
	File Size (MB):	8.381	Total Km:	Scale:		
Source Data:	FSAU, Food Sec	urity Analysis	Unit, UNDP			
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Africa		
Country:	Somalia	Year Pub:	0
Data Set Title:	SOM_UNDP_01		
Originator:	United Nations Development Programme - Somalia (UNDP)		
Distributor:	United Nations Development Programme (UNDP)		

URL:File Size (MB):8.756Total Km:185849Scale:Source Data:The roads where digitized from Somalia topographic maps at a scale of 1: 100,000. The
maps where produced by stereo photography using aerial photography 1974.Printed
1976 by Bureau of cartography, Ministry of Defence, Somalia Democratic government.
Reprinted by Canadian Forces Mapping and Charting Establishment from reprographic
material of native Somalia mapping by the British Director of Military Survey.Method:
Notes:Jistrib Constraints:Use Constraints:Use Constraints:

Region:	Africa					
Country:	Somalia			Year	Pub:	2007
Data Set Title:	SOM_NGIA_01.	shp				
Originator:	National Geospa	atial Intelligence A	gency (NGIA)			
Distributor:	University of Ge	orgia - ITOS, Geo	graphic Information Suppo	rt Team		
URL:	https://gist.itos	.uga.edu/data/afr	ica/countries/somalia/data	asets/road.zip		
	File Size (MB):	1.368	Total Km:	Scale:	1:2,8	00,000
Source Data:	USAID/OFDA					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Africa				
Country:	Somalia			Year Pu	ib: 2001
Data Set Title:	SOM_DEPHA_01	shp			
Originator:	United Nations [Development Prog	ramme - Somalia (UNDP)		
Distributor:	Data Exchange P	rogram for the Ho	orn of Africa		
URL:	http://www.dep	ha.org/maps/som	alia/topomaps/som_roads_utr	n.zip	
	File Size (MB):	16.7	Total Km:	Scale:	1:250,000
Source Data:					
Method:	maps where pro	duced by stereo p	malia topographic maps at a sc hotography using aerial photog inistry of Defence, Somalia Den	graphy 1974.Pri	inted
			oping and Charting Establishme g by the British Director of Mili		raphic
Notes:					

Distrib Constraints:

	this map to WG transformation: Acknowledgem	S84 geographic va Afgooye lat. + 1.8 ent U.S Defence N	lues apply th 6" = lat (wG lapping Ager	ne following best S84) Afgooye Ion ncy Hydrographic	i values as depicted on fit shifts/ g. + 2.16" = long (wGS84) /Topographic Center, rived from these data.)
Region:	Africa					
Country:	South Africa				Year Pub:	0
Data Set Title:	ZAF_ISCGM_01					
Originator:	Department of I	Land Affairs				
Distributor:	International St	eering Committee	for Global N	lapping (ISCGM)		
URL:	http://211.19.4	9.27/gmd/downlo	ad/dl.php			
	File Size (MB):	8.317	Total Km:	54435	Scale:	
Source Data: Method:						
Notes:	Contains paved	roads only				
Distrib Constraints:		,				
Use Constraints:	However, if you the credit "Glob Department of I http://w3sli.wca	intend to use the al Map of the Rep Land Affairs, Chief ape.gov.za/" on yo	data for con ublic of Sout Directorate our product a	nmercial purpose th Africa © ISCGN of Surveys and N and send mail to	e for any purpose. e, you will need to show M/State Copyright, Mapping, Website: cdsm@sli.wcape.gov.za	
	uescribility your		on, paticular	dataset used and	d purpose of use.	
Region:	Africa		on, paticular	dataset used an	d purpose of use.	
Region: Country:			on, paticular	dataset used an		.997
Region: Country: Data Set Title:	Africa		on, paticular	dataset used an		.997
Country:	Africa South Korea	_01.shp	on, paticular	dataset used an		997
Country: Data Set Title:	Africa South Korea KOR_PennState Penn State Univ	_01.shp			Year Pub: 1	997
Country: Data Set Title: Originator:	Africa South Korea KOR_PennState Penn State Univ University of Ge	_01.shp ersity eorgia - ITOS, Geog	graphic Inform	mation Support 1	Year Pub: 1	997
Country: Data Set Title: Originator: Distributor:	Africa South Korea KOR_PennState Penn State Univ University of Ge	_01.shp ersity eorgia - ITOS, Geog	graphic Inform	mation Support 1	Year Pub: 1	
Country: Data Set Title: Originator: Distributor: URL: Source Data:	Africa South Korea KOR_PennState Penn State Univ University of Ge https://gist.itos	_01.shp ersity eorgia - ITOS, Geog .uga.edu/data/sou	graphic Infor uth_asia/cou	mation Support 1	Year Pub: 1 ⁻ eam of_korea/datasets/rdlin	
Country: Data Set Title: Originator: Distributor: URL: Source Data: Method:	Africa South Korea KOR_PennState Penn State Univ University of Ge https://gist.itos File Size (MB):	_01.shp ersity eorgia - ITOS, Geog .uga.edu/data/sou	graphic Infor uth_asia/cou	mation Support 1	Year Pub: 1 ⁻ eam of_korea/datasets/rdlin	
Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes:	Africa South Korea KOR_PennState Penn State Univ University of Ge https://gist.itos File Size (MB):	_01.shp ersity eorgia - ITOS, Geog .uga.edu/data/sou	graphic Infor uth_asia/cou	mation Support 1	Year Pub: 1 ⁻ eam of_korea/datasets/rdlin	
Country: Data Set Title: Originator: Distributor: URL: Source Data: Method:	Africa South Korea KOR_PennState Penn State Univ University of Ge https://gist.itos File Size (MB):	_01.shp ersity eorgia - ITOS, Geog .uga.edu/data/sou	graphic Infor uth_asia/cou	mation Support 1	Year Pub: 1 ⁻ eam of_korea/datasets/rdlin	
Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints:	Africa South Korea KOR_PennState Penn State Univ University of Ge https://gist.itos File Size (MB):	_01.shp ersity eorgia - ITOS, Geog .uga.edu/data/sou	graphic Infor uth_asia/cou	mation Support 1	Year Pub: 1 ⁻ eam of_korea/datasets/rdlin	
Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints:	Africa South Korea KOR_PennState Penn State Univ University of Ge https://gist.itos File Size (MB):	_01.shp ersity eorgia - ITOS, Geog .uga.edu/data/sou	graphic Infor uth_asia/cou	mation Support 1	Year Pub: 1 ⁻ eam of_korea/datasets/rdlin	
Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:	Africa South Korea KOR_PennState Penn State Univ University of Ge https://gist.itos File Size (MB): VMAP0/DCW	_01.shp ersity eorgia - ITOS, Geog .uga.edu/data/sou	graphic Infor uth_asia/cou	mation Support 1	Year Pub: 1 Team of_korea/datasets/rdlin Scale: 1:1,000	

Originator:	Government of S	Sovernment of Southern Sudan					
Distributor:	University of Ge	Iniversity of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos.	https://gist.itos.uga.edu/data/africa/countries/sudan/datasets/bor_lulc.zip					
	File Size (MB):	0.663	Total Km:	Scale:	unknown		
Source Data: Method:	University of Ge	orgia - ITOS					
Notes:	polygon						
Distrib Constraints: Use Constraints:							

Region:	Africa				
Country:	Sudan			Year Pub	: 2006
Data Set Title:	SDN_GSS_01.sh	р			
Originator:	Government of	Southern Sudan			
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	am	
URL:	https://gist.itos	.uga.edu/data/afri	ca/countries/sudan/datasets/a	w_lulc.zip	
	File Size (MB):	0.278	Total Km:	Scale:	unknown
Source Data:	University of Ge	orgia - ITOS			
Method:					
Notes:	polygon				
Distrib Constraints:					
Use Constraints:					

Region:	Africa						
Country:	Sudan			Year Pub	: 2006		
Data Set Title:	SDN_GSS_04.sh	р					
Originator:	Government of	Southern Sudan					
Distributor:	University of Ge	orgia - ITOS, Geo	graphic Information Supp	oort Team			
URL:	https://gist.itos	https://gist.itos.uga.edu/data/africa/countries/sudan/datasets/jb_roads_runways.zip					
	File Size (MB):	0.167	Total Km:	Scale:	unknown		
Source Data:	University of Ge	orgia - ITOS					
Method:							
Notes:	polygon						
Distrib Constraints:							
Use Constraints:							

Region:AfricaCountry:SudanYear Pub:2006

Data Set Title:	SDN_GSS_05.shp					
Originator:	Government of Southern Su	ıdan				
Distributor:	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos.uga.edu/da	ta/africa/countries/sudan/datasets/jt	o_lulc.zip			
	File Size (MB): 1.598	Total Km:	Scale:	unknown		
Source Data:	University of Georgia - ITOS					
Method:						
Notes:	polygon. Identical to SDN_G name attribute field	SS_04 except for one additional road	segment and no	road		
Distrib Constraints:						
Use Constraints:						
Region:	Africa					
Country:	Sudan		Year Pub	: 2006		
Data Set Title:	SDN_DigitalGlobe_01.shp					
Originator:	DigitalGlobe					
Distributor:	University of Georgia - ITOS	, Geographic Information Support Tea	ım			
URL:	https://gist.itos.uga.edu/da	ta/africa/countries/sudan/datasets/re	oads_j.zip			
	File Size (MB): 0.107	Total Km:	Scale:	1:10,000		
Source Data:	USAID/OFDA					
Method:	The lines were digitized fror on April 27, 2004.	n Digital Globe, Quickbird panchroma	tic imagery capt	ured		
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Africa					
Country:	Sudan		Year Pub	: 2006		
Data Set Title:	SDN_GSS_06.shp					
Originator:	Government of Southern Su	ıdan				
Distributor:	University of Georgia - ITOS	, Geographic Information Support Tea	im			

https://gist.itos.uga.edu/data/africa/countries/sudan/datasets/mk_lulc.zip
File Size (MB): 0.739 Total Km: Scale: unknown

Source Data:University of Georgia - ITOSMethod:polygonDistrib Constraints:Use Constraints:

URL:

Region:	Africa				
Country:	Sudan			Year Pu	ıb:
Data Set Title:	SDN_FAO_IGAD	_LPI_01			
Originator:					
Distributor:	IGAD FAO Livest	tock Policy Initiativ	e Data Portal		
URL:	http://ergodd.ze	oo.ox.ac.uk/igadw	eb/tiki-index.php		
	File Size (MB):	1.027	Total Km: 113201	Scale:	
Source Data: Method: Notes:					
Distrib Constraints: Use Constraints:					
Region:	Africa				
Country:	Sudan			Year Pu	ib: 2006
Data Set Title:	SDN_GSS_07.sh				
Originator:	Government of	Southern Sudan			
Distributor:	University of Ge	eorgia - ITOS, Geog	raphic Information Support	: Team	
URL:	https://gist.itos	.uga.edu/data/afri	ca/countries/sudan/datase	ts/tr_lulc.zip	
	File Size (MB):	0.423	Total Km:	Scale:	unknown
Source Data: Method:	University of Ge	eorgia - ITOS			
Notes:	polygon				
Distrib Constraints:					
Use Constraints:					
Region:	Africa				
Country:	Sudan			Year Pu	ib: 2006
Data Set Title:	SDN_GSS_08.sh	р			
Originator:	Government of	Southern Sudan			
Distributor:	University of Ge	eorgia - ITOS, Geog	raphic Information Support	: Team	
URL:	https://gist.itos	.uga.edu/data/afri	ca/countries/sudan/datase	ts/wp_lulc.zip	
	File Size (MB):	0.564	Total Km:	Scale:	unknown

	File Size (MB): 0.564	Total Km:	
Source Data:	University of Georgia - ITOS		
Method:			
Notes:	polygon		
Distrib Constra	ints:		
Use Constraints	5:		

Region:	Africa				
Country:	Sudan			Year Pub	2006
Data Set Title:	SDN_GSS_09.sh	р			
Originator:	Government of	Southern Sudan			
Distributor:	University of Ge	eorgia - ITOS, Geog	raphic Information Support Tea	m	
URL:	https://gist.itos	.uga.edu/data/afri	ca/countries/sudan/datasets/w	a_lulc.zip	
	File Size (MB):	0.44	Total Km:	Scale:	unknown
Source Data:	University of Ge	eorgia - ITOS			
Method:					
Notes:	polygon				
Distrib Constraints:					
Use Constraints:					

Region:	Africa				
Country:	Sudan			Year Pub	2006
Data Set Title:	SDN_GSS_10.sh	р			
Originator:	Government of	Southern Sudan			
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Te	am	
URL:	https://gist.itos.	uga.edu/data/afri	ca/countries/sudan/datasets/y	/m_lulc.zip	
	File Size (MB):	1.53	Total Km:	Scale:	unknown
Source Data:	University of Ge	orgia - ITOS			
Method:					
Notes:	polygon				
Distrib Constraints:					
Use Constraints:					

Region:	Africa					
Country:	Sudan			Year Pub	2006	
Data Set Title:	SDN_GSS_11.sh	р				
Originator:	Government of	Southern Sudan				
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	m		
URL:	https://gist.itos	https://gist.itos.uga.edu/data/africa/countries/sudan/datasets/ye_lulc.zip				
	File Size (MB):	0.536	Total Km:	Scale:	unknown	
Source Data:	University of Ge	orgia - ITOS				
Method:						
Notes:	polygon					
Distrib Constraints:						
Use Constraints:						

Region:	Africa				
Country:	Sudan			Year Pub:	2006
Data Set Title:	SDN_DigitalGlob	pe_02.shp			
Originator:	DigitalGlobe				
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Su	oport Team	
URL:	https://gist.itos	uga.edu/data/afri	ca/countries/sudan/da	atasets/roads_n.zip	
	File Size (MB):	0.313	Total Km:	Scale:	1:10,000
Source Data:	USAID/OFDA				
Method:	The lines were o	ligitized from Digit	al Globe, Quickbird pa	nchromatic imagery.	
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Africa				
Country:	Sudan			Year Pub	: 2006
Data Set Title:	SDN_GSS_02.sh	р			
Originator:	Government of	Southern Sudan			
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	m	
URL:	https://gist.itos	uga.edu/data/afri	ca/countries/sudan/datasets/be	e_lulc.zip	
	File Size (MB):	0.468	Total Km:	Scale:	unknown
Source Data:	University of Ge	orgia - ITOS			
Method:					
Notes:	polygon				
Distrib Constraints:					
Use Constraints:					

Region:	Africa				
Country:	Sudan			Year Pub	: 2004
Data Set Title:	SDN_USAID_05	.shp			
Originator:	USAID/OFDA - E	conomic & Humai	nitarian Assistance		
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Te	am	
URL:	https://gist.itos	.uga.edu/data/afri	ca/countries/sudan/datasets/s	ssu_road.zip	
	File Size (MB):	0.455	Total Km:	Scale:	unknown
Source Data:					
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Africa				
Country:	Sudan			Year Pul	b: 2006
Data Set Title:	SDN_SRSA_01.sh	р			
Originator:	Swedish Rescue S	Services Agency (S	RSA)		
Distributor:	University of Geo	orgia - ITOS, Geogr	aphic Information Support Tea	m	
URL:	https://gist.itos.u	ıga.edu/data/afrio	a/countries/sudan/datasets/ro	ads_assessmer	it_sou
	File Size (MB):	1.748	Total Km:	Scale:	unknown
Source Data:					
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					
Region:	Africa				
Country:	Sudan			Year Pul	b: 2004
Data Set Title:	SDN_USAID_04.s	hp			
Originator:	USAID/OFDA - Ec	onomic & Human	itarian Assistance		
Distributor:	University of Geo	orgia - ITOS, Geogr	aphic Information Support Tea	m	
URL:	https://gist.itos.u	ıga.edu/data/afrio	a/countries/sudan/datasets/ro	oads_for750.zip	
	File Size (MB):	0.66	Total Km:	Scale:	unknown
Source Data:					
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					
Region:	Africa				
Country:	Sudan			Year Pul	b: 2004
Data Set Title:	SDN_USAID_03.s	hp			
Originator:	USAID/OFDA - Ec	onomic & Human	itarian Assistance		
Distributor:	University of Geo	orgia - ITOS, Geogr	aphic Information Support Tea	m	
URL:	https://gist.itos.u	ıga.edu/data/afrio	a/countries/sudan/datasets/su	ıdanroads.zip	
		0.30		C .	

File Size (MB):0.28Total Km:Scale:unknown

Source Data: Method: Notes: Distrib Constraints: Use Constraints:

Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:	University of Ge	conomic & Human orgia - ITOS, Geogi	itarian Assistance aphic Information Support Tea ca/countries/sudan/datasets/pl Total Km:	
Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:	University of Ge	oint Logistics Cent orgia - ITOS, Geogi	re (UNJLC) aphic Information Support Tea ca/countries/sudan/datasets/rc Total Km:	
Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes:	International Ste	-	for Global Mapping (ISCGM) for Global Mapping (ISCGM) Id/dl.php Total Km: 116026	Year Pub: 0 Scale:

Distrib Constraints: Use Constraints:

ts: The Global Map of Sudan is free of charge for any purpose. However, if you intend to use the data for commercial purpose, you will need to show the credit "Global Map of

Sudan © ISCGM / Sudan National Survey Corporation" or logos on your product and send FAX to Sudan National Survey Corporation (+249-183-790-189) describing your contact information, particular datased used and purpose of use.

Region:	Africa				
Country:	Sudan			Year Pub	2004
Data Set Title:	SDN_NGIA_01.s	hp			
Originator:	National Geospa	atial Intelligence A	gency (NGIA)		
Distributor:	University of Ge	orgia - ITOS, Geo	graphic Information Support	Team	
URL:	https://gist.itos	.uga.edu/data/afr	ica/countries/sudan/datase	ts/trackl_merge.zip	
	File Size (MB):	1.796	Total Km:	Scale:	unknown
Source Data:	VMAP1/DCW				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Africa				
Country:	Sudan			Year P	ub: 2004
Data Set Title:	SDN_USAID_01	shp			
Originator:	USAID/OFDA - E	conomic & Humar	nitarian Assistance		
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support T	eam	
URL:	https://gist.itos	.uga.edu/data/afri	ca/countries/sudan/datasets	/roads_for285.z	ip
	File Size (MB):	0.202	Total Km:	Scale:	unknown
Source Data:					
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					
Region:	Africa				
Country:	Sudan			Year F	ub: 2003
Data Set Title:	SDN_Africover_	01			
Originator:	FAO Africover				
Distributor:	Mr. John Lathan	n - FAO			
URL:	http://www.afr	icover.org			
	File Size (MB):	0.371	Total Km: 18271	Scale:	1:100 000
Source Data:	digitally enhanc 1999	ed LANDSAT TM ir	nages (Bands 4,3,2) acquired	mainly in the ye	ar 1994-

Method: Notes:		•	om visual interpretation) acquired mainly in th	on of digitally enhanced he year 1994-1999.		
Distrib Constraints:	acknowledged a	ata can be accessed, reproduced, and distributed given that owner info is explicitly cknowledged and displayed in the copywrite information (I.E. Produced by FAO - fricover). Authors are not responsible for improper use of the data.				
Use Constraints:	See below. The	See below. The Africover Data Sets are NOT for commercial or private use.				
Region:	Africa					
Country:	Sudan			Year Pu	ib: 2006	
Data Set Title:	SDN_NGIA_02.s	shp				
Originator:	National Geospa	atial Intelligence A	gency (NGIA)			
Distributor:	University of Ge	eorgia - ITOS, Geog	graphic Information Su	ipport Team		
URL:	https://gist.itos	.uga.edu/data/afr	ica/countries/sudan/c	latasets/roadl.zip		
	File Size (MB):	0.298	Total Km:	Scale:	unknown	
Source Data:	USAID/OFDA					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Africa		
Country:	Sudan	Year Pub:	0
Data Set Title:	SDN_VMAP1_01.shp		
Originator:	US National Geospatial Intelligence Agency (NGIA) Vector Smart Map)	
Distributor:			
URL:			
	File Size (MB):2.84Total Km:Set	cale:	
Source Data:	Vector Map Level 1 product resolution is based on 1:250,000 map sc 1cm=2.5km, and is 4 times the resolution of VMAPO. It is based prime vectorized versions of 1:250,000 scale NIMA Joint Operations Graphi 10,000 sheets.	arily on the	
Method:	The horizontal datum for this VMap product is WGS84. The vertical d product is mean sea level (MSL). The unit of measure for VMap is me geographic extent of the VMap Level 1 product is global and consists regional databases. VMap Level 1 data from standard DMA source pr from the feature content defined in the associated military specificat and allied appendix, available for download as .pdf files from NIMA P gaps between a VMap Level 1 library may exist due to absence of dat products are organized into thematic layers. Each VMap thematic lay single coverage within a VPF library. There are two reference coverage thematic coverages in the data library level.	etric. The of multiple roducts are derived tion VMAP_89033 Publications. Data ta. VMap Level 1 yer is stored as a	

Notes:	The approximate SDN_VMAP1_01	•	s 15% of tot	al national area. T	he metadata f	for	
Distrib Constraints:	these particular (VMAP1a1new.p	-	VMAP1 data	base have no con	straints		
Use Constraints:							
Region:	Africa						
Country:	Swaziland				Year	Pub:	0
Data Set Title:	SWZ_ISCGM_01						
Originator:	International Ste	eering Committee	for Global N	1apping (ISCGM)			
Distributor:	International Ste	eering Committee	for Global N	1apping (ISCGM)			
URL:	http://211.19.49	9.27/gmd/downlo	ad/dl.php				
	File Size (MB):	0.701	Total Km:	2889	Scale:		
Source Data:							
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:	to use the data f Swaziland © ISC	for commercial pu GM/Surveyor Ger Inet.co.sz describ	rpose, you v neral's Depar	for any purpose. I vill need to show t tment or logos or tact information,	the credit Glob your product	bal Map t and ser	of nd
Region:	Africa						
Country:	Swaziland				Year	Pub:	2004
Data Set Title:	SWZ_PennState	_01.shp					
Originator:	Penn State Univ	ersity					
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Inform	mation Support Te	eam		
URL:	https://gist.itos.	uga.edu/data/afri	ica/countries	s/swaziland/datas	ets/rdline.zip		
	File Size (MB):	0.023	Total Km:		Scale:	1:1,00	0,000
Source Data: Method: Notes:	VMAP0/DCW						
Distrib Constraints:							
Use Constraints:							

Region:	Africa
Country:	Tanzania, United
Data Set Title:	TZA_Africover_01
Originator:	FAO Africover

Year Pub: 2002

Distributor:	John Latham - F	AO				
URL:	http://www.afr	icover.org				
	File Size (MB):	1.514	Total Km: 37713	Scale:	1:100 000	
Source Data: Method: Notes:	The roads have	digitally enhanced LANDSAT TM images (Bands 4,3,2) acquired mainly in the year 1997. The roads have been produced from visual interpretation of digitally enhanced LANDSAT TM images (Bands 4,3,2) acquired mainly in the year 1997.				
			al and dealed and at a state		. 1 1	
Distrib Constraints:	acknowledged a	Data can be accessed, reproduced, and distributed given that owner info is explicitly acknowledged and displayed in the copywrite information (I.E. Produced by FAO - Africover). Authors are not responsible for improper use of the data.				
Use Constraints:	See below. The	Africover Data Se	ts are NOT for commercial c	or private use.		
Region:	Africa					
Country:	Tanzania, Unite	d		Year	Pub:	
Data Set Title:	TZA_SDRN_01					
Originator:						
Distributor:	Sustainable Dev	elopment Resear	ch Network (SDRN)			
URL:						
	File Size (MB):	1.608	Total Km: 40514	Scale:		
Source Data:						
Method:						
Notes:		_	r_01 except for the addition have more detail.	of a few road se	gments	
Distrib Constraints:						
Use Constraints:						
Region:	Africa					
Country:	Tanzania, Unite	d		Year	Pub: 2004	
Data Set Title:	TZA_PennState_	_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITOS, Geo	graphic Information Support	t Team		
URL:	https://gist.itos	.uga.edu/data/af	rica/countries/tanzania/data	asets/rdline.zip		
	File Size (MB):	0.406	Total Km:	Scale:	1:1,000,000	
Source Data: Method: Notes:	VMAP0. Identica	al to AFRRoads w	ith several additional segme	nts		
Distrib Constraints:						
Use Constraints:						

Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:	-	ersity orgia - ITOS, Geog	raphic Information Support Tea ca/countries/togo/datasets/rdl Total Km:	ine.zip	: 2004 1,000,000
Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:	-	ersity orgia - ITOS, Geog	raphic Information Support Tea ca/countries/tunisia/datasets/r Total Km:	dline.zip	: 2004 1,000,000
Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:		0_LPI_01 cock Policy Initiativ co.ox.ac.uk/igadw 0.23		Year Pub Scale:	: 2002

Region:	Africa					
Country:	Uganda			Year	Pub:	2000
Data Set Title:	UGA_FAO_IGAD	_LPI_02				
Originator:	Department of S	urveying and Map	ping			
Distributor:	IGAD FAO Livest	ock Policy Initiative	e Data Portal			
URL:	http://ergodd.zo	o.ox.ac.uk/igadwe	eb/tiki-index.php			
	File Size (MB):	0.268	Total Km: 18519	Scale:		
Source Data:						
Method:	derived from tot resolution	ographic map she	ets (1960-1976) and genenalize	ed to 1 km x	1 km	
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Africa					
Country:	Uganda			Year	Pub:	2008
Data Set Title:	UGA_CARTONG	_01.shp				
Originator:	CartONG					
Distributor:	University of Ge	orgia - ITOS, Geogr	raphic Information Support Tea	m		
URL:	https://gist.itos.	uga.edu/data/afrio	ca/countries/uganda/datasets/	acholi_roads	s_line_1	.0
	File Size (MB):	0.365	Total Km:	Scale:	1:1,00	00,000
Source Data:						
Method:			OS from the following website: p?option=com_remository&Ite			
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Africa					
Country:	Uganda			Year	Pub:	2004
Data Set Title:	UGA_PennState	_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITOS, Geogr	raphic Information Support Tea	m		
URL:	https://gist.itos.	uga.edu/data/afrio	ca/countries/uganda/datasets/	rdline.zip		

 File Size (MB):
 0.133
 Total Km:
 Scale:
 1:1,000,000

 Source Data:
 VMAP0/DCW
 VMAP0/ICW
 VMAP0/ICW
 VMAP0/ICW

 Method:
 Votes:
 Votes:
 Votes:
 Votes:
 Votes:

 Distrib Constraints:
 Votes:
 Votes:
 Votes:
 Votes:
 Votes:
 Votes:

Use Constraints:

Data Set Title:

Region:	Africa					
Country:	Western Sahara			Year	Pub: 20	004
Data Set Title:	ESH_PennState_	01.shp				
Originator:	Penn State Unive	ersity				
Distributor:	University of Geo	orgia - ITOS, Geog	raphic Information Support Tea	m		
URL:	https://gist.itos.	uga.edu/data/afri	ca/countries/western_sahara/d	latasets/rdlir	ne.zip	
	File Size (MB):	0.042	Total Km:	Scale:	1:1,000,0	000
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region: Country: Data Set Title:	Africa Democratic Rep COD_ISCGM_01				Year Pub:	0	
Originator:		ernational Steering Committee for Global Mapping (ISCGM)					
Distributor:	International St	ternational Steering Committee for Global Mapping (ISCGM)					
URL:	http://211.19.49	tp://211.19.49.27/gmd/download/dl.php					
	File Size (MB):	2.73	Total Km:	95693	Scale:		
Source Data: Method: Notes: Distrib Constraints:							
Use Constraints:	Mapping projec distribution for on this data. However, if you need to get per instgcom@yaho Any unauthorize	t and in doing so r non-commercial p intend to use the mission from Geog po.fr.	elease this d urpose at no Global Map raphic Instit for any com	of DRC for commer tute of Congo of DR mercial purposes is	Global Map for charges will be mac cial purpose, you wi C, e-mail :		
Region:	Africa						
Country:	Democratic Rep	ublic			Year Pub:	2008	

Originator: UN Office for the Coordination of Humanitarian Affairs (OCHA) -

COD_OCHA-DRC_01.shp

Distributor:	University of Georgia - ITOS, Geographic Information Support Team				
URL:	https://gist.itos.uga.edu/data/africa/countries/democratic_republic_of_the_congo/dat				
	File Size (MB):	2.221	Total Km:	Scale:	unknown
Source Data: Method:	CARPE				
Notes:	Layer file (route	_polyligne) include	ed		
Distrib Constraints: Use Constraints:					

Region:	Africa				
Country:	Democratic Rep	ublic		Year Pu	b: 2006
Data Set Title:	COD_DRCGIS_0	1.shp			
Originator:	DRC GIS Workin	g Group			
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	am	
URL:	https://gist.itos	.uga.edu/data/afr	ca/countries/democratic_repu	blic_of_the_con	go/dat
	File Size (MB):	2.198	Total Km:	Scale: 1	:1,000,000
Source Data:	UNJLC				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Africa						
Country:	Democratic Rep	ublic		Year P	ub: 2004		
Data Set Title:	COD_PennState	_01.shp					
Originator:	Penn State Univ	ersity					
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos	uga.edu/data/afr	ica/countries/democratic_reput	olic_of_the_co	ongo/dat		
	File Size (MB):	1.405	Total Km:	Scale:	1:1,000,000		
Source Data:	VMAP0/DCW						
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:							

Region:	Africa
Country:	Democratic Republic
Data Set Title:	COD_Africover_01

Year Pub: 2003

Originator: Distributor: URL:	FAO Africover Mr. John Latham - FAO http://www.africover.org File Size (MB): 8.251 Total Km: 157064	Scale: 1,200,000
Source Data: Method: Notes:	File Size (MB):8.251Total Km:157064The roads have been taken from the DCW dataset.The roads have been taken from the DCW dataset.	Scale: 1:200 000
Distrib Constraints:	 Data can be accessed, reproduced, and distributed given th acknowledged and displayed in the copywrite information (Africover). Authors are not responsible for improper use of 	I.E. Produced by FAO -
Use Constraints:	The data remains full property of the owners. It can be acce distributed given that the owner information is explicitly ac in the copyright information (I.E. Produced by FAO - Africov	knowledged and displayed
Region:	Africa	
Country: Data Set Title:	Democratic Republic COD_NGIA_01.shp	Year Pub: 2004
Originator:	US National Geospatial Intelligence Agency (NGIA) Vector S	
Distributor:	University of Georgia - ITOS, Geographic Information Suppo	
URL:	https://gist.itos.uga.edu/data/africa/countries/sudan/datas File Size (MB): 0.55 Total Km:	sets/traill_merge.zip Scale: unknown
Source Data:	USAID/OFDA	
Method: Notes:		
Notes: Distrib Constraints:		
Notes: Distrib Constraints: Use Constraints: Region: Country:	Africa Zambia	Year Pub: 2004
Notes: Distrib Constraints: Use Constraints: Region: Country: Data Set Title:	Africa Zambia ZMB_PennState_01.shp	Year Pub: 2004
Notes: Distrib Constraints: Use Constraints: Region: Country:	Africa Zambia ZMB_PennState_01.shp Penn State University	
Notes: Distrib Constraints: Use Constraints: Region: Country: Data Set Title: Originator:	Africa Zambia ZMB_PennState_01.shp	ort Team
Notes: Distrib Constraints: Use Constraints: Region: Country: Data Set Title: Originator: Distributor:	Africa Zambia ZMB_PennState_01.shp Penn State University University of Georgia - ITOS, Geographic Information Suppor	ort Team
Notes: Distrib Constraints: Use Constraints: Region: Country: Data Set Title: Originator: Distributor:	Africa Zambia ZMB_PennState_01.shp Penn State University University of Georgia - ITOS, Geographic Information Suppor https://gist.itos.uga.edu/data/africa/countries/zambia/data	ort Team asets/rdline.zip

Region:	Africa				
Country: Data Set Title:	Zambia ZMB_CGIAR_01			Year Pub:	0
Originator:	SAHIMS				
Distributor:	Consultative Gr	oup on Internatio	onal Agricultural Research ((CGIAR)	
URL:					
	File Size (MB):	0.047	Total Km: 4301	Scale:	
Source Data: Method: Notes:					
Distrib Constraints: Use Constraints:					
Region:	Africa				
Country: Data Set Title:	Zambia ZMB_CGIAR_02			Year Pub:	0
Originator:	SAHIMS				
Distributor:	University of Ge	eorgia - ITOS, Geo	graphic Information Suppo	ort Team	
URL:	https://gist.itos File Size (MB):	.uga.edu/data/eu 0.436	urasia/countries/yemen/da Total Km: 37237		p unknown
Source Data: Method: Notes: Distrib Constraints: Use Constraints:					
Region:	Africa				
Country: Data Set Title:	Zimbabwe ZWE_NGIA_01.	shp		Year Pub:	2004
Originator:	National Geosp	atial Intelligence	Agency (NGIA)		
Distributor:	University of Ge	eorgia - ITOS, Geo	graphic Information Suppo	ort Team	
URL:	https://gist.ito	s.uga.edu/data/a	africa/countries/zimbabwe	/datasets/road.zip	
	File Size (MB):	0.388	Total Km:	Scale:	unknown
Source Data: Method: Notes: Distrib Constraints:	This appears to	be VMAP0 data v	with a few additional roads	added.	
Use Constraints:					

Region:	Africa						
Country:	Zimbabwe			Year Pu	ib: 2004		
Data Set Title:	ZWE_PennState	_01.shp					
Originator:	Penn State Univ	ersity					
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos	.uga.edu/data/afr	ica/countries/zimbabwe/datase	ets/rdline.zip			
	File Size (MB):	0.233	Total Km:	Scale:	1:1,000,000		
Source Data:	This appears to	be VMAP0 data w	ith additional roads added.				
Method:							
Notes:	This is more con still pretty low.	nplete that ZWE_N	NGIA_01.shp, but the accuracy	against Google	Earth is		
Distrib Constraints:							
Use Constraints:							

Region:	Americas				
Country:	Argentina			Year P	ub: 0
Data Set Title:	ARG_ISCGM_01				
Originator:		0	for Global Mapping (ISCGM)		
Distributor:	International St	eering Committee	for Global Mapping (ISCGM)		
URL:	http://211.19.4	9.27/gmd/downlo	ad/dl.php		
	File Size (MB):	15.181	Total Km: 129448	Scale:	1:250,000
Source Data:					
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:	to get permiss Geografico Milit	ion from Instituto tar de Argentina at	p of Argentina for commercia Geographico Militar. Please co dir@igm.gov.ar. Any unautho violation of international copy	ontact Instituto orized use of the	e data
Region:	Americas				
Country:	Argentina			Year P	ub: 1995
Data Set Title:	ARG_CIAT_01				
Originator:	Centro Internac	ional de Agricultur	a Tropical (CIAT)		
Distributor:	Centro Internac	ional de Agricultur	a Tropical (CIAT)		
URL:					
	File Size (MB):	1.933	Total Km:	Scale:	1:500,000
Source Data:	REPÚBLICA DE A	ARGENTINA			
Method:	La fuente origin	al fue tomada del	DCW. Los campos fueron int	roducidos con	

Notes:	información de los mapas fuentes de cada país (ver anexo), En algunos casos la información del DCW no coincidía con los mapas fuentes, razón para digitalizar algunas vías y actualizar los datos de DCW. Los datos cuyo valor equivalen a 9 corresponden a información no encontrada en los mapas fuentes, pero sí en el DCW, quedando como SIN INFORMACION.						
Distrib Constraints: Use Constraints:		itos es para el uso or el jefe del labor		el personal de CIAT. e CIAT	El uso externo) debe	
Region:	Americas						
Country: Data Set Title:	Argentina ARG_GeologicSe	ervice_01			Year Pu	ıb:	1999
Originator:	SISTEMA GEOGE	AFICO DE INFRAE	STRUCTURA	DE LA REPUBLICA			
Distributor:	The Nature Cons	servancy (TNC)					
URL:							
	File Size (MB):	6.114	Total Km:	279244	Scale:	1:50	0,000
Source Data:							
Method:	La información ha sido digitalizada a partir de la base IGM 1:500.000, actualizada con cartografía disponible del Automóvil Club Argentino, y fuentes de datos públicas y disponibles de la Secretaría de Energía.						
Notes:							
Distrib Constraints:							
Use Constraints:	explicit written used in the crea services resultin	permission from Ti tion of any reports	NC. Users sh s, publication this data set	n-free resale, or rec ould acknowledge ⁻ ns, new data sets, d . TNC also request r ing efforts	FNC as the sou erived produc	irce ts, or	
Region:	Americas						
Country:	Belize				Year Pu	ub:	0
Data Set Title:	BLZ_ISCGM_01						
Originator:	International Ste	eering Committee	for Global N	lapping (ISCGM)			
Distributor:	International Ste	eering Committee	for Global N	lapping (ISCGM)			
URL:	http://211.19.49	9.27/gmd/downloa	ad/dl.php				
	File Size (MB):	9.319	Total Km:		Scale:		
Source Data: Method: Notes:							
Distrib Constraints:							
Use Constraints:	The global Map	of Belize is free of	charge for a	ny purpose related	to the Global		

Mapping project only.

However, if you intent to use the Belize's data for commercial purpose, you will need to get permission/approval from the Commissioner of Land and Surveys, Lands and Surveys Department, Ministry of Natural Resourves and Environment before using the dataset(s). You also need to show the credit "Global Map of Belize copyright ISCGM, and our logos on your final product. Please email us your contact information, particular data set that you will use and purpose of use.

Region:	Americas					
Country:	Bolivia			Year	Pub: 1	1989
Data Set Title:	BOL_CIAT_01					
Originator:	Centro Internaci	ional de Agricultı	ura Tropical (CIAT)			
Distributor:	Centro Internaci	ional de Agricult	ura Tropical (CIAT)			
URL:						
	File Size (MB):	0.471	Total Km:	Scale:	1:2,000	,000
Source Data:	BOLIVIA RED-VIA	۹L				
Method:	información de l información del vías y actualizar Los datos cuyo v	los mapas fuente DCW no coincidi los datos de DCV valor equivalen a	l DCW. Los campos fuer s de cada país (ver anexo a con los mapas fuentes, V. 9 corresponden a infor V, quedando como SIN IN), En algunos casos razón para digital mación no encontra	la izar alguna	
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Americas						
Country:	Brazil			Year Pub: 0)		
Data Set Title:	BRA_ISCGM_01						
Originator:	International St	eering Committee	e for Global Mapping (ISCGN	1)			
Distributor:	International St	International Steering Committee for Global Mapping (ISCGM)					
URL:	http://211.19.49	http://211.19.49.27/gmd/download/dl.php					
	File Size (MB):	107.229	Total Km: 554047	Scale:			
Source Data: Method: Notes:							
Distrib Constraints:							
Use Constraints:	material the sou	urce of the data m nmercial purpose	f charge for any purpose and nust be acknowledged. Howe , you will need to get a licen	ever, if you intend to use			

Region:	Americas					
Country:	Brazil			Year	Pub:	1980
Data Set Title:	BRA_CIAT_01					
Originator:	Centro Internac	ional de Agricultur	a Tropical (CIAT)			
Distributor:	Centro Internac	ional de Agricultur	a Tropical (CIAT)			
URL:						
	File Size (MB):	4.67	Total Km:	Scale:	1:5,00	00,000
Source Data:	REPUBLICA FED	ERATIVE DO BRASI	L			
Method:	información de información del vías y actualizar Los datos cuyo v	los mapas fuentes DCW no coincidía los datos de DCW valor equivalen a	DCW. Los campos fueron int de cada país (ver anexo), En a con los mapas fuentes, razón 9 corresponden a informació , quedando como SIN INFORM	algunos casos para digital n no encontra	la lizar algu	
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Americas				
Country:	Brazil			Year Pub:	0
Data Set Title:	BRA_VMAP1_01	shp			
Originator:	US National Geo	spatial Intelligence	e Agency (NGIA) Vector Smart I	Мар	
Distributor:					
URL:					
	File Size (MB):	34.506	Total Km:	Scale:	
Source Data:	1cm=2.5km, and	l is 4 times the res	ition is based on 1:250,000 map olution of VMAP0. It is based p cale NIMA Joint Operations Gra	rimarily on the	
Method:	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.				
Notes:	••	e roads coverage i . are incomplete.	s 30% of total national area. Th	e metadata for	
Distrib Constraints:	these particular (VMAP1a1new.p	•	/MAP1 database have no const	raints	

Use Constraints:

Region:	Americas						
Country:	Canada Year Pub: 2008						
Data Set Title:	Atlas of Canada 1,000 00, Roads Network						
Originator:	Government of Canada, Natural Resources Canada, Canada Centre for						
Distributor:							
URL:							
	File Size (MB): 11.5 Total Km: Scale: 1:1,000,00	0					
Source Data:	The Atlas of Canada 1,000,000 National Frameworks Data, Road Network is based on 1:250,000 scale National Topographic Data Base (NTDB) road and ferry route datasets which have been assembled into a national coverage and updated using various reference sources.						
Method:	A selection of the network suitable for use at a scale of 1:1,000,000 was extracted based on road classification and linework was smoothed. In 2003 the resulting road network layer was fitted to the Atlas of Canada National Scale Frameworks Hydrology layers. Minor adjustments were made to ensure that the correct relative positionality of this layer to the National Scale Frameworks Rail Network layer was maintained. An update to the data set was completed in 2008.						
Notes:							
Distrib Constraints:	The User may sell, lease, distribute and sublicense the Data contained in derived works and products referred to in Section 3. Data is not licensed for redistribution via the Internet without modification as noted in Section 3. Users are encouraged to come to the originating source to access the most current version of the data						
Use Constraints:	he Data is provided free of charge and royalty-free to the User, for use, subject to the terms and conditions of this Agreement. The User owns the disk(s) or tape(s) on which the Data is recorded, but Canada retains all ownership interests in the Data. The User may:						
	 3.1.1. Create new representations of these Data; 3.1.2. Select or arrange all of, or portions or features from these Data; and 3.1.3. Process, analyse or otherwise use these Data in the development of derived products; 						
Region:	Americas						
Country:	Canada Year Pub: 200	7					
Data Set Title:	CAN_ISCGM_01						
Originator:	Natural Resources Canada						
Distributor:	ISCGM, Natural Resources Canda (GeoGratis)						
URL:	http://www.geogratis.gc.ca/download/frameworkdata/roads/						
	File Size (MB): 54.783 Total Km: 198459 Scale: 1:1,000,00	0					
Source Data:	Government of Canada, Natural Resources Canada, Canada Centre for Remote Sensing,						

The Atlas of Canada;

Method:	Source data available at GeoGratis (www.geogratis.gc.ca) Based on 1:250,000 scale National Topographic Data Base (NTDB) road and ferry route datasets which have been assembled into a national coverage and updated using various reference sources. A selection of the network suitable for use at a scale of 1:1,000,000 was extracted based on road classification and linework was smoothed. In 2003 the resulting road network layer was fitted to the Atlas of Canada National Scale Frameworks Hydrology layers. Minor adjustments were made to ensure that the correct relative positionality of this layer to the National Scale Frameworks Rail Network layer was maintained. An update to the data set was completed in 2008.					
Notes:	updated versior ISCGM seems to		nload from GeoGratis,	the version downlo	oaded from	
Distrib Constraints:						
Use Constraints:	Agreement for U shall not be con would ask that o where any of th	Unrestricted U strued as an e data users ider e data are red	nd Global Map data is se of Digital Data. As p ndorsement by Canad atify the source of the istributed, or containe rces Canada, (2007).	per the agreements a of any derivative data, in the followi	s, use of the data product and we ing manner,	
Region:	Americas					
Country:	Chile				Year Pub:	0
Data Set Title:	CHL_ISCGM_02					
Originator:	International Steering Committee for Global Mapping (ISCGM)					
Distributor:	International St	eering Commit	tee for Global Mappir	ng (ISCGM)		
URL:	http://211.19.4	9.27/gmd/dow	/nload/dl.php			
	File Size (MB):	5.75	Total Km:	Scal	le:	
Source Data:						
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:	 The author and producer of the Global Map of Chile is the Military Geographic Institute of Chile (IGM), which is the official cartographic and mapping agency of the Republic of Chile and which represents Chile in the Global Mapping projects of the ISCGM. The Global Map of Chile is free of charge for any purpose. However, if you intend to use the data for commercial purpose, you will need to do the following : 					
	(1) Either show	the credit �g	Global Map of Chile ©	International Steer	ring Committee	
	for Global Mapp	oing / Instituto	Geografico Militar de	Chile � h or show k	ooth ISCGM and	
	IGM logos on yo					

(2) Send mail to clientes@igm.cl with copy to ehunt@igm.cl describing your contact information, particular dataset used and purpose of use; this will be received by the

Region:	Americas						
Country:	Chile						
Data Set Title:	CHL_CIAT_01						
------------------------------------------	------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------	--------	-------------	--	--
Originator:	Centro Internac	Centro Internacional de Agricultura Tropical (CIAT)					
Distributor:	Centro Internac	Centro Internacional de Agricultura Tropical (CIAT)					
URL:							
	File Size (MB):	0.619	Total Km:	Scale:	1:2,500,000		
Source Data: Method:	La fuente origin información de información del vías y actualizar Los datos cuyo v	File Size (MB):0.619Iotal Km:Scale:1:2,500,000REPÚBLICA DE ARGENTINALa fuente original fue tomada del DCW.Los campos fueron introducidos coninformación de los mapas fuentes de cada país (ver anexo), En algunos casos lainformación del DCW no coincidía con los mapas fuentes, razón para digitalizar algunasvías y actualizar los datos de DCW.Los datos cuyo valor equivalen a9 corresponden a información no encontrada en losmapas fuentes, pero sí en el DCW, quedando como SIN INFORMACION.					
Notes:							
Distrib Constraints: Use Constraints:							

Region: Country: Data Set Title: Originator: Distributor:		0	e for Global Mappin		0	
		U U	e for Global Mappin			
URL:	• • •	http://211.19.49.27/gmd/download/dl.php				
Source Data: Method: Notes: Distrib Constraints:	File Size (MB):	21.009	Total Km:	Scale:		
Use Constraints:	of Chile (IGM), v Chile and which The Global Map the data for co	The author and producer of the Global Map of Chile is the Military Geographic Institute of Chile (IGM), which is the official cartographic and mapping agency of the Republic of Chile and which represents Chile in the Global Mapping projects of the ISCGM. The Global Map of Chile is free of charge for any purpose. However, if you intend to use the data for commercial purpose, you will need to do the following :				
	 (1) Either show the credit �gGlobal Map of Chile © International Steering Committee for Global Mapping / Instituto Geografico Militar de Chile �h or show both ISCGM and IGM logos on your product. (2) Send mail to clientes@igm.cl with copy to ehunt@igm.cl describing your contact information, particular dataset used and purpose of use; this will be received by the 					
Region: Country:	Americas Colombia			Year Pub:	0	

Data Set Title: COL_CIAT_01

Originator:	Centro Internacional de Agricultura Tropical (CIAT)					
Distributor:	Centro Internaci	Centro Internacional de Agricultura Tropical (CIAT)				
URL:						
	File Size (MB):	1.075	Total Km:	Scale:	1:1,500,000	
Source Data:	MAPA DE LA DISTRIBUCION DE BRILLO SOLAR PROMEDIO ANUAL ISOHELIAS EN HORAS PRIMERA EDICION					
Method:	información de l información del vías y actualizar Los datos cuyo v	La fuente original fue tomada del DCW. Los campos fueron introducidos con información de los mapas fuentes de cada país (ver anexo), En algunos casos la información del DCW no coincidía con los mapas fuentes, razón para digitalizar algunas vías y actualizar los datos de DCW. Los datos cuyo valor equivalen a 9 corresponden a información no encontrada en los mapas fuentes, pero sí en el DCW, quedando como SIN INFORMACION.				
Notes:						
Distrib Constraints:						
Use Constraints:						

Region: Country: Data Set Title: Originator: Distributor: URL:	International Ste	eering Committee eering Committee 9.27/gmd/downloa	for Global N		Year Pub:	0
Source Data:	File Size (MB):	16.976	Total Km:	59320	Scale:	
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:		of Global Map Co Codazzi, Geograpl		t permitted. For mo (IGAC).	re detail, please	
Region:	Americas					
Country:	Costa Rica				Year Pub:	0
Data Set Title:	CRI_VMAP1_01.	shp				
Originator:	US National Geo	spatial Intelligenc	e Agency (No	GIA) Vector Smart N	Лар	
Distributor:						
URL:						
	File Size (MB):	0.69	Total Km:		Scale:	
Source Data:	•	•		d on 1:250,000 map MAP0. It is based pr	•	

	vectorized versions of 1:250,000 scale NIMA Joint Operations Graphics (JOGs) - nearly 10,000 sheets.
Method:	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.
Notes:	The approximate roads coverage is 55-60% of total national area. The metadata for CRI_VMAP1_01 are incomplete.
Distrib Constraints:	these particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)
Use Constraints:	

Region:	Americas				
Country:	Costa Rica			Year Pu	u b: 1987
Data Set Title:	CRI_CIAT_01				
Originator:	Centro Internac	ional de Agricultu	ra Tropical (CIAT)		
Distributor:	Centro Internacional de Agricultura Tropical (CIAT)				
URL:					
	File Size (MB):	0.468	Total Km:	Scale:	1:500,000
Source Data:	MAPA FISICO-PO	OLITICO			
Method:	información de información del vías y actualizar Los datos cuyo y	los mapas fuentes DCW no coincidía los datos de DCW valor equivalen a	DCW. Los campos fueron int s de cada país (ver anexo), En a a con los mapas fuentes, razón /. 9 corresponden a informació /, quedando como SIN INFORM	lgunos casos la para digitaliza n no encontrada	C
Notes:					

Distrib Constraints: Use Constraints:

Region:	Americas		
Country:	Cuba	Year Pub:	0
Data Set Title:	CUB_ISCGM_01		
Originator:	International Steering Committee for Global Mapping (ISCGM)		
Distributor:	International Steering Committee for Global Mapping (ISCGM)		
URL:	http://211.19.49.27/gmd/download/dl.php		

Source Data:						
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:	If you intend to use the Global Ma	p of Cuba for commercial purp	ose. vou will ne	eed to		
	get permission from Oficional Nacional de Hidrografia y Geodesia (ONHG). Please					
	contact ONHG at anhg@enet.cu .	ς,	, ,			
	Any unauthorized use of the data	for any commercial purposes is	in violation of			
	international copyright laws and is	strictly forbidden.				
Region:	Americas					
Country:	Cuba		Year Pu	ub: 1997		
Data Set Title:	CUB_CIAT_01		i cai i c	ID. 1557		
		- Trovical (CLAT)				
Originator:	Centro Internacional de Agricultur					
Distributor:	Centro Internacional de Agricultur	a Tropical (CIAT)				
URL:						
	File Size (MB): 0.238	Total Km:	Scale:	1:250,000		
Source Data:	MAPA POLITICO ADMINISTRATIVO	DE CUBA				
Method:	La fuente original fue tomada del	DCW. Los campos fueron intr	oducidos con			
	información de los mapas fuentes	de cada país (ver anexo), En al	gunos casos la			
	información del DCW no coincidía	-	para digitaliza	ır algunas		
	vías y actualizar los datos de DCW					
	Los datos cuyo valor equivalen a	-		a en los		
	mapas fuentes, pero sí en el DCW,	quedando como SIN INFORMA	ACIÓN.			
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Americas					
0			Veer D	.h. 2000		
Country:	Cuba		Year Pu	ub: 2008		
Data Set Title:	CUB_ONHG_01.shp					
Originator:	Oficiona Nacional de Hidrografia y	Geodesia (ONHG)				
Distributor:	University of Georgia - ITOS, Geog	raphic Information Support Tea	am			
URL:	https://gist.itos.uga.edu/data/am	ericas/countries/cuba/datasets	/traill.zip			
	File Size (MB): 0.133	Total Km:	Scale:	1:250,000		
Source Data:	ISCGM					
Method:	Converted to shape by ITOS					
Notes:						
Distrib Constraints: Use Constraints:						
	If you intend to use the Global Ma	n of Cuba for commercial area		and to		

get permission from Oficiona Nacional de Hidrografia y Geodesia (ONHG). Please contact ONHG at onhg@enet.cu Any unauthorized use of the data for any commercial purposes is in violation of international copyright laws and is strictly forbidden.

Region: Country: Data Set Title: Originator: Distributor: URL:	-	ittee for Global Mapping (ISCGM) ittee for Global Mapping (ISCGM) wnload/dl.php Total Km:	Year Pub: Scale:	0	
Source Data: Method: Notes: Distrib Constraints:					
Use Constraints:	to get permission from Lands landsandsurveys@cwdom.dn	data for any commercial purposes i	ct		
Region:	Americas				
Country: Data Set Title:	Dominica DMA_ISCGM_01		Year Pub:	0	
Originator:		ittee for Global Mapping (ISCGM)			
Distributor:	International Steering Comm	ttee for Global Mapping (ISCGM)			
URL:	http://211.19.49.27/gmd/dov	wnload/dl.php			
Course Data	File Size (MB): 1.259	Total Km:	Scale:		
Source Data: Method:					
Notes:					
Distrib Constraints: Use Constraints:	If you intend to use the Global Map of Dominica for commercial purpose, you will need to get permission from Lands and Surveys Division. Please contact landsandsurveys@cwdom.dm Any unauthorized use of the data for any commercial purposes is in violation of international copyright laws and strictly forbidden.				
Region:	Americas				
Country: Data Set Title:	Dominican Republic DOM_CIAT_01		Year Pub: 1	985	

Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:	Centro Internacional de Agricultura Centro Internacional de Agricultura File Size (MB): 0.216 MAPA DE LA REPUBLICA DOMINICA La fuente original fue tomada del D información de los mapas fuentes o información del DCW no coincidía o vías y actualizar los datos de DCW. Los datos cuyo valor equivalen a mapas fuentes, pero sí en el DCW, o	Tropical (CIAT) Total Km: NA CW. Los campos fueron intro le cada país (ver anexo), En alg con los mapas fuentes, razón 9 corresponden a información	oducidos con unos casos la para digitalizar alg no encontrada en	-
Region: Country: Data Set Title: Originator: Distributor: URL:	Americas Ecuador ECU_CIAT_01 Centro Internacional de Agricultura Centro Internacional de Agricultura		Year Pub:	1988
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	File Size (MB): 0.377 MAPA VIAL - TURISTICO DEL ECUAD La fuente original fue tomada del D información de los mapas fuentes o información del DCW no coincidía o vías y actualizar los datos de DCW. Los datos cuyo valor equivalen a mapas fuentes, pero sí en el DCW, o	CW. Los campos fueron intro le cada país (ver anexo), En alg con los mapas fuentes, razón 9 corresponden a información	O MILITAR oducidos con unos casos la para digitalizar alg no encontrada en	-
Region: Country: Data Set Title: Originator: Distributor: URL:	Americas El Salvador SLV_CIAT_01 Centro Internacional de Agricultura Centro Internacional de Agricultura		Year Pub: Scale: 1:2	1984 200,000
Source Data:	REPUBLICA DE EL SALVADOR MINIS	TERIO DE OBRAS PUBLICAS		

Method: La fuente original fue tomada del DCW. Los campos fueron introducidos con información de los mapas fuentes de cada país (ver anexo), En algunos casos la información del DCW no coincidía con los mapas fuentes, razón para digitalizar algunas vías y actualizar los datos de DCW. Los datos cuyo valor equivalen a 9 corresponden a información no encontrada en los mapas fuentes, pero sí en el DCW, quedando como SIN INFORMACION. Notes:

Distrib Constraints: Use Constraints:

Distrib Constraints:

Region: Country:	Americas French Guiana	Year P	u b: 1995
Data Set Title:	GUF_CIAT_01		
Originator:	Centro Internacional de Agricultura Tropical (CIAT)		
Distributor:	Centro Internacional de Agricultura Tropical (CIAT)		
URL:			
	File Size (MB):0.042Total Km:	Scale:	1:1,500,000
Source Data:	COMITE DE BASSIN GUYANE SDAGE GUYANE COMMUNES ET TERRITOIRES		
Method:	La fuente original fue tomada del DCW. Los campos fueron i información de los mapas fuentes de cada país (ver anexo), En información del DCW no coincidía con los mapas fuentes, razó vías y actualizar los datos de DCW. Los datos cuyo valor equivalen a 9 corresponden a informac mapas fuentes, pero sí en el DCW, quedando como SIN INFOR	algunos casos la n para digitaliza ión no encontrad	ar algunas
Notes:			
Distrib Constraints:			
Use Constraints:			
Region:	Americas		
Country:	Guatemala	Year P	ub: 0
Data Set Title:	GTM_ISCGM_01		
Originator:	International Steering Committee for Global Mapping (ISCGM)	I	
Distributor:	International Steering Committee for Global Mapping (ISCGM)	I	
URL:	http://211.19.49.27/gmd/download/dl.php		
	File Size (MB): 16.53 Total Km: 20045	Scale:	
Source Data: Method: Notes:			

Use Constraints:	need to get peri		ap of Guatemala for commercia tuto Geografico Nacional, Ing. / email address.			Z,
Region:	Americas					
Country:	Guatemala			Year	r Pub:	1979
Data Set Title:	GTM_CIAT_01					
Originator:	Centro Internac	ional de Agricultu	ra Tropical (CIAT)			
Distributor:	Centro Internac	ional de Agricultu	ra Tropical (CIAT)			
URL:						
	File Size (MB):	0.364	Total Km:	Scale:	1:1,00	00,000
Source Data: Method:	La fuente origin información de información del vías y actualizar Los datos cuyo y	los mapas fuentes DCW no coincidía los datos de DCW /alor equivalen a	DCW. Los campos fueron int de cada país (ver anexo), En a con los mapas fuentes, razón	lgunos casos para digita n no encontra	la lizar algu	
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Americas					
Country:	Guyana			Vear	r Pub:	1976
Data Set Title:	GUY_CIAT_01				1 0.0.	1570
Originator:	Centro Internac	ional de Agricultu	ra Tropical (CIAT)			
Distributor:	Centro Internac	ional de Agricultu	ra Tropical (CIAT)			
URL:		-				
	File Size (MB):	0.07	Total Km:	Scale:	1:1,0	00,000
Source Data: Method:	RESOURCE MAP CO-OPERATIVE REPUBLIC OF GUYANA La fuente original fue tomada del DCW. Los campos fueron introducidos con información de los mapas fuentes de cada país (ver anexo), En algunos casos la información del DCW no coincidía con los mapas fuentes, razón para digitalizar algunas vías y actualizar los datos de DCW. Los datos cuyo valor equivalen a 9 corresponden a información no encontrada en los mapas fuentes, pero sí en el DCW, quedando como SIN INFORMACION.					
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Americas					

Region: Americas

Country:	Haiti			Year Put	b: 1983
Data Set Title:	HTI_CIAT_01				
Originator:	Centro Internaci	onal de Agricultur	a Tropical (CIAT)		
Distributor:	Centro Internaci	onal de Agricultur	a Tropical (CIAT)		
URL:					
	File Size (MB):	0.049	Total Km:	Scale:	1:300,000
Source Data:	CARTE DE LA REI	PUBLIQUE D'HAIT			
Method:	información de l información del vías y actualizar Los datos cuyo v	os mapas fuentes DCW no coincidía los datos de DCW alor equivalen a	DCW. Los campos fueron intro de cada país (ver anexo), En alg con los mapas fuentes, razón 9 corresponden a información , quedando como SIN INFORMA	gunos casos la para digitalizar no encontrada e	C
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Americas					
Country:	Haiti			Year	r Pub:	2006
Data Set Title:	HTI_TNC_01.shp)				
Originator:	The Nature Con	servancy				
Distributor:	The Nature Con	servancy, RSGIS L	ab Utah State Unive	ersity, Logan,		
URL:	not applicable					
	File Size (MB):	0.879	Total Km:	Scale:		
Source Data:	The Nature Con	servancy				
Method:	It is not specifie	d				
Notes:	This data was pr the Caribbean R	•	Schill from the Natu	ire Conservancy, Mesoar	merica ar	nd
Distrib Constraints:	is prohibited wit produce other G without the writ must be inform	hout the approv GIS products and tten consent of the ned of these rest	al of the Nature Cor services with the int ne Nature Conserva rictions. The Nature	ese digital data, in whole aservancy. The use of the tent to sell for a profit is ncy. All parties receiving Conservancy shall be r other products derived	ese data t prohibite these da	to ed ita
Use Constraints:	are provided a no warranty as t This disclaimer a data. It is strong	acknowledged as data contributors to any reports or other products derived from these Access constraints: The Nature Conservancy reserves all rights in data provided. All data are provided as is. This is not a survey quality dataset. The Nature Conservancy makes no warranty as to the currency, completeness, accuracy or utility of any specific data. This disclaimer applies both to individual use of the data and aggregate use with other data. It is strongly recommended that careful attention be paid to the contents of the metadata file associated with these data.				
	Use constraints: The Nature Con		t be held liable for i	mproper or incorrect use	e of the	

data described and/or contained herein. Any sale, distribution, loan, or offering for use of these digital data, in whole or in part, is prohibited without the approval of the Nature Conservancy. The use of these data to produce other GIS products and services with the intent to sell for a profit is prohibited without the written consent of the Nature Conservancy. All parties receiving these data must be informed of these restrictions. The Nature Conservancy shall be acknowledged as data contributors to any reports or other products derived from these data

Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:		a - ITOS, Geogr .edu/data/ame	re (UNJLC) aphic Information Support Tea ricas/countries/haiti/datasets/ Total Km:		
Region: Country: Data Set Title: Originator: Distributor: URL:	Americas Honduras HND_CIAT_01 Centro Internacional Centro Internacional	l de Agricultura	Tropical (CIAT)	Year Pub	
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	REPUBLICA DE HONE La fuente original fue información de los m información del DCV vías y actualizar los c Los datos cuyo valor	e tomada del D napas fuentes d N no coincidía d datos de DCW. • equivalen a	Total Km: DCW. Los campos fueron intro de cada país (ver anexo), En alg con los mapas fuentes, razón 9 corresponden a información quedando como SIN INFORMA	oducidos con gunos casos la para digitalizar no encontrada e	-
Region: Country:	Americas Honduras			Year Pub	: 0

Data Set Title: Originator: Distributor: URL:	HND_ISCGM_01International Steering Committee for Global Mapping (ISCGM)International Steering Committee for Global Mapping (ISCGM)http://211.19.49.27/gmd/download/dl.phpFile Size (MB):0.478Total Km:Scale:					
Source Data: Method: Notes: Distrib Constraints:						
Use Constraints:	The Global Map of Honduras is free of charge for any purpose. However, if you intend to use the data for commercial purpose, you will need to show the credit "Global Map of Honduras © ISCGM/Direccion General de Catastro y Geografia, General Direction for Cadastre and Geography" or logos on your product and send mail to (dgcghonduras@yahoo.com) describing your contact information, particular dataset used and purpose of use					
Region:	Americas					
Country: Data Set Title:	Jamaica JAM_CIAT_01			Year Pu	ib: 1982	
Originator:	Centro Internac	ional de Agricultur	ra Tropical (CIAT)			
Distributor:	Centro Internac	ional de Agricultur	ra Tropical (CIAT)			
URL:						
	File Size (MB):	0.793	Total Km:	Scale:	1:250,000	
Source Data: Method:	 JAMAICA La fuente original fue tomada del DCW. Los campos fueron introducidos con información de los mapas fuentes de cada país (ver anexo), En algunos casos la información del DCW no coincidía con los mapas fuentes, razón para digitalizar algunas vías y actualizar los datos de DCW. Los datos cuyo valor equivalen a 9 corresponden a información no encontrada en los mapas fuentes, pero sí en el DCW, quedando como SIN INFORMACION. 					
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Americas					
Country: Data Set Title:	Mexico MEX_CIAT_01			Year Pu	ı b: 1982	
Originator:	Centro Internac	ional de Agricultur	ra Tropical (CIAT)			
Distributor:	Centro Internac	ional de Agricultur	ra Tropical (CIAT)			
URL:						
	File Size (MB):	2.197	Total Km:	Scale:	1:4,000,000	

Source Data: ESTADOS UNIDOS MEXICANOS INSTITUTO NACIONAL DE ESTADISTICAS GEOGRAFICA E INFORMATICA Method: La fuente original fue tomada del DCW. Los campos fueron introducidos con información de los mapas fuentes de cada país (ver anexo), En algunos casos la información del DCW no coincidía con los mapas fuentes, razón para digitalizar algunas vías y actualizar los datos de DCW. Los datos cuyo valor equivalen a 9 corresponden a información no encontrada en los mapas fuentes, pero sí en el DCW, quedando como SIN INFORMACION. Notes: **Distrib Constraints:**

Use Constraints:

Data Set Title:

Region: Country: Data Set Title: Originator: Distributor: URL:	Americas Mexico MEX_VMAP1_01 US National Geo		e Agency (NGIA) Vector Smart	Year Pub: Map	0			
	File Size (MB):	11.343	Total Km:	Scale:				
Source Data:	1cm=2.5km, and	Vector Map Level 1 product resolution is based on 1:250,000 map scale source, i.e. 1cm=2.5km, and is 4 times the resolution of VMAPO. It is based primarily on the vectorized versions of 1:250,000 scale NIMA Joint Operations Graphics (JOGs) - nearly 10 000 sheets						
Method:	product is mean geographic exter regional databas from the feature and allied appen gaps between a products are org single coverage	sea level (MSL). T nt of the VMap Level ses. VMap Level 1 e content defined i udix, available for c VMap Level 1 libra ganized into thema	p product is WGS84. The vertice the unit of measure for VMap is yel 1 product is global and cons data from standard DMA source in the associated military speci lownload as .pdf files from NIN ary may exist due to absence of tic layers. Each VMap themation y. There are two reference cover ary level.	s metric. The sists of multiple ce products are derived fication VMAP_89033 MA Publications. Data f data. VMap Level 1 c layer is stored as a				
Notes:	The approximate MEX_VMAP1_01	-	5 40% of total national area. Th	ne metadata for				
Distrib Constraints:	these particular (VMAP1a1new.p	-	/MAP1 database have no cons	traints				
Use Constraints:								
Region:	Americas							
Country:	Mexico			Year Pub:	0			

MEX_ISCGM_01 **Originator:** International Steering Committee for Global Mapping (ISCGM)

Distributor: URL:	International Steering Committee for Global Mapping (ISCGM) http://211.19.49.27/gmd/download/dl.php							
UKL.	File Size (MB):	43.877	Total Km:	142104	Scale:			
Source Data: Method: Notes: Distrib Constraints: Use Constraints:				-				
	you make public Global Map Mez atencion.usuaric set used and pu	ne Global Map Mexico is free of charge for non-commercial purpose. However when bu make public any work that uses the data, you will need to show the credit (R) obal Map Mexico (C) ISCGM/INEGI or logos on your works, and send mail to encion.usuarios@inegi.gob.mx describing your contact information, particular data it used and purpose of use.						
Region:	Americas							
Country: Data Set Title:	Nicaragua NIC_ISCGM_01				Year Pub:	0		
Originator:	International St	eering Committee	for Global N	1apping (ISCGM)				
Distributor:	International St	eering Committee	for Global N	1apping (ISCGM)				
URL:	http://211.19.4	9.27/gmd/downloa	ad/dl.php					
	File Size (MB):	0.126	Total Km:		Scale:			
Source Data: Method: Notes:								
Distrib Constraints:								
Use Constraints:	to use the data Nicaragua © IS	for commercial pu SCGM / INETER" or om.ni) describing	rpose,you w logos on yo	ill need to show the ur product and send	owever, if you intend e credit "Global Map of d mail to (cular dataset used and			
Region:	Americas							
Country: Data Set Title:	Nicaragua NIC_CIAT_01				Year Pub: 19	97		
Originator:	Centro Internac	ional de Agricultur	a Tropical (C	CIAT)				
Distributor:	Centro Internac	ional de Agricultur	a Tropical (C	CIAT)				
URL:								
	File Size (MB):	0.257	Total Km:		Scale: 1:750,0	00		
Source Data: Method:	La fuente origin información de	al fue tomada del los mapas fuentes	DCW. Los o de cada país	N POLITICO ADMINI: campos fueron intro s (ver anexo), En alg pas fuentes, razón	oducidos con	5		

vías y actualizar los datos de DCW. Los datos cuyo valor equivalen a 9 corresponden a información no encontrada en los mapas fuentes, pero sí en el DCW, quedando como SIN INFORMACION.

Notes: Distrib Constraints: Use Constraints:

Region:	Americas				
Country: Data Set Title:	Nicaragua NIC_ISCGM_01			Year Pub:	0
Originator:	International Ste	eering Committee	for Global Mapping (ISCGM)		
Distributor:	International Ste	eering Committee	for Global Mapping (ISCGM)		
URL:	http://211.19.49	9.27/gmd/downloa	id/dl.php		
	File Size (MB):	3.896	Total Km:	Scale:	
Source Data: Method: Notes:					
Distrib Constraints:					
Use Constraints:	to use the data Nicaragua © IS	for commercial pub CGM / INETER" or om.ni) describing	e of charge for any purpose. He pose,you will need to show the logos on your product and sen your contact information, parti	e credit "Global Map of d mail to (
Region:	Americas				
Country: Data Set Title:	Panama PAN_VMAP1_01	1.shp		Year Pub:	0
Originator:	US National Geo	ospatial Intelligence	e Agency (NGIA) Vector Smart N	Лар	
Distributor:					
URL:					
	File Size (MB):	0.723	Total Km:	Scale:	
Source Data:	Vector Map Leve 1cm=2.5km, and	el 1 product resolu d is 4 times the res	Total Km: tion is based on 1:250,000 map plution of VMAP0. It is based p cale NIMA Joint Operations Gra	o scale source, i.e. rimarily on the	

	products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.
Notes:	The approximate roads coverage is 25-30% of total national area. The metadata for PAN_VMAP1_01 is incomplete.
Distrib Constraints:	these particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)

Use Constraints:

Region:	Americas					
Country:	Panama			Year	Pub:	1998
Data Set Title:	PAN_CIAT_01					
Originator:	Centro Internac	ional de Agricultu	ra Tropical (CIAT)			
Distributor:	Centro Internac	ional de Agricultu	ra Tropical (CIAT)			
URL:						
	File Size (MB):	0.272	Total Km:	Scale:	1:1,0	00,000
Source Data:	REPUBLICA DE F	PANAMA MAPA PO	DLITICO			
Method:	información de información del vías y actualizar Los datos cuyo y	los mapas fuentes DCW no coincidía los datos de DCW valor equivalen a	DCW. Los campos fueron in de cada país (ver anexo), En a con los mapas fuentes, razón 9 corresponden a informació , quedando como SIN INFORM	algunos casos para digita on no encontra	la lizar algi	
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Americas								
Country:	Panama			Year Pub:	0				
Data Set Title:	PAN_ISCGM_01	N_ISCGM_01							
Originator:	International St	ternational Steering Committee for Global Mapping (ISCGM)							
Distributor:	International St	eering Committee	for Global Mapping (ISCGM)						
URL:	http://211.19.4	9.27/gmd/downlo	ad/dl.php						
	File Size (MB):	2.68	Total Km: 7216	Scale:					
Source Data:									
Method:									
Notes:									
Distrib Constraints:									
Use Constraints:		•	nama is not permitted. For mor onal Tommy Guardia.	e detail, please					

Region:	Americas					
Country:	Paraguay			Year	Pub: 198	30
Data Set Title:	PRY_CIAT_01					
Originator:	Centro Internacio	onal de Agricultur	a Tropical (CIAT)			
Distributor:	Centro Internacio	onal de Agricultur	a Tropical (CIAT)			
URL:						
	File Size (MB):	0.247	Total Km:	Scale:	1:1,000,00)0
Source Data:	INSTITUTO GEOGI	RAFICO MILITAR	PARAGUAY			
Method:	información de lo información del D vías y actualizar lo Los datos cuyo va	os mapas fuentes DCW no coincidía Ds datos de DCW. Ilor equivalen a	DCW. Los campos fueron intr de cada país (ver anexo), En al con los mapas fuentes, razón 9 corresponden a información quedando como SIN INFORM/	gunos casos para digital no encontra	la izar algunas	
Notes:						
Distrib Constraints:						
Use Constraints:						

Region: Country: Data Set Title:	Americas Peru PER_CIAT_01			Year	Pub: 1985
Originator:	Centro Internaci	onal de Agricultur	a Tropical (CIAT)		
Distributor:	Centro Internaci	onal de Agricultur	a Tropical (CIAT)		
URL:					
	File Size (MB):	0.757	Total Km:	Scale:	1:2,200,000
Source Data: Method:	La fuente origina información de l información del vías y actualizar Los datos cuyo v	os mapas fuentes DCW no coincidía los datos de DCW alor equivalen a	DCW. Los campos fueron intro de cada país (ver anexo), En alg con los mapas fuentes, razón	gunos casos l para digitali no encontra	a zar algunas
Notes:					
Distrib Constraints:					
Use Constraints: Region:	Americas				

Region:	Americas		
Country:	Puerto Rico	Year Pub:	1951
Data Set Title:	PRI_CIAT_01		
Originator:	Centro Internacional de Agricultura Tropical (CIAT)		
Distributor:	Centro Internacional de Agricultura Tropical (CIAT)		

URL:

UKL:					
	File Size (MB):	0.566	Total Km:	Scale:	1:500,000
Source Data:	PUERTO RICO E	ISLAS LIMITROFES			
Method:	-		DCW. Los campos fueron intr		
		•	de cada país (ver anexo), En al con los mapas fuentes, razón	-	r algunas
	vías y actualizar	los datos de DCW	•		-
	•	•	9 corresponden a información		en los
Notes:	mapas luentes,	pero si en el DCW,	, quedando como SIN INFORMA	ACION.	
Distrib Constraints:					
Use Constraints:					
Ose constraints.					
Region:	Americas				
0				Voor Du	 0
Country: Data Set Title:	St. Lucia LCA_ISCGM_02			Year Pu	ib: 0
Originator:	International Ste	eering Committee	for Global Mapping (ISCGM)		
Distributor:	International Ste	eering Committee	for Global Mapping (ISCGM)		
URL:	http://211.19.49	9.27/gmd/downlo	ad/dl.php		
	File Size (MB):	0.777	Total Km:	Scale:	
Source Data:					
Method:					
Notes:					
Distrib Constraints: Use Constraints:	If you intend to	usa tha Global Ma	p of Saint Lucia for commercial		will
Use constraints:	•		Chief Surveyor of the Ministry o	• • •	VIII
	Development. P	lease contact the	Survey and Mapping Departme	nt which falls w	/ithin
	the Ministry of F Office of the Chi		ent through the following cont	acts:	
	1 758 468 4464	iel Sulveyol.			
	1 758 451 6958	(facsimile)			
	•		for any commercial purposes is	in violation of	
	International co	pyright laws and is	s strictly forbidden.		
Pagion	Amoriana				
Region:	Americas			No. D	L 0
Country: Data Set Title:	St. Lucia LCA_ISCGM_01			Year Pu	ib: 0
Originator:	International Ste	eering Committee	for Global Mapping (ISCGM)		
Distributor:	International Ste	eering Committee	for Global Mapping (ISCGM)		
URL:	http://211.19.49	9.27/gmd/downlo	ad/dl.php		
	File Size (MB):	1.05	Total Km:	Scale:	

Source Data:

Method: Notes: Distrib Constraints: Use Constraints:	need to get perm Development. Plu the Ministry of Pl Office of the Chie 1 758 468 4464 1 758 451 6958 (Any unauthorized	hission from the C ease contact the S hysical Developm of Surveyor: facsimile) d use of the data	p of Saint Lucia for commercia hief Surveyor of the Ministry o Survey and Mapping Departmo ent through the following con for any commercial purposes i strictly forbidden.	of Physical ent which falls within tacts:	
Region:	Americas				
Country:	St. Vincent and th	ne		Year Pub:	0
Data Set Title: Originator:	VCT_ISCGM_02	ering Committee	for Global Mapping (ISCGM)		
Distributor:		-	for Global Mapping (ISCGM)		
URL:	http://211.19.49	.27/gmd/downloa	ad/dl.php		
	File Size (MB):	0.658	Total Km:	Scale:	
Source Data: Method: Notes: Distrib Constraints:					
Use Constraints:	However, if you i the credit"Global Department" or l	ntend to use the Map of St. Vince ogos on your pro	Grenadines is free of charge f data for commercial purpose, nt and the Grenadines © ISCG duct and send mail to descri ed and purpose of use.	you will need to show M/Lands and Surveys	
Region:	Americas				
Country:	St. Vincent and t	ne		Year Pub:	0
Data Set Title:	VCT_ISCGM_01				
Originator: Distributor:		-	for Global Mapping (ISCGM) for Global Mapping (ISCGM)		
URL:	http://211.19.49	-			
UNL.	•	2.26	Total Km:	Scale:	
Source Data: Method: Notes: Distrib Constraints:					
Use Constraints:	The Global Map of	of St. Vincent and	Grenadines is free of charge f	or any purpose.	

However, if you intend to use the data for commercial purpose, you will need to show the credit"Global Map of St. Vincent and the Grenadines © ISCGM/Lands and Surveys Department" or logos on your product and send mail to describing your contact information, particular dataset used and purpose of use.

Region:	Americas					
Country:	Suriname			Year	Pub:	1986
Data Set Title:	SUR_CIAT_01					
Originator:	Centro Internac	ional de Agricultu	ra Tropical (CIAT)			
Distributor:	Centro Internac	ional de Agricultu	ra Tropical (CIAT)			
URL:						
	File Size (MB):	0.058	Total Km:	Scale:	1:1,00	00,000
Source Data:						
Method:	información de información del vías y actualizar Los datos cuyo	los mapas fuentes DCW no coincidía los datos de DCW valor equivalen a	DCW. Los campos fueron intr de cada país (ver anexo), En al con los mapas fuentes, razón y. 9 corresponden a informaciór , quedando como SIN INFORM/	gunos casos l para digitali n no encontra	la izar algu	
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Americas				
Country:	Trinidad and Toba	ago		Year Pub:	1994
Data Set Title:	TTO_CIAT_01				
Originator:	Centro Internacio	onal de Agricultur	a Tropical (CIAT)		
Distributor:	Centro Internacio	onal de Agricultur	a Tropical (CIAT)		
URL:					
	File Size (MB):	0.873	Total Km:	Scale:	
Source Data:	MAP OF TRINIDA	D SHOWING EL	ECTORAL AREAS MUNICIPA	AL CORPORATIONS	
Method:	•		DCW. Los campos fueron		
		•	de cada país (ver anexo), E	-	
	vías y actualizar lo		con los mapas fuentes, raz	ion para digitalizar aigi	JUGS
	•		9 corresponden a informa	ción no encontrada en le	os
	mapas fuentes, p	ero sí en el DCW	, quedando como SIN INFO	RMACION.	
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Americas				
Country: Data Set Title:	United States USA_ISCGM_01			Year Pub:	0
Originator:	International St	eering Comm	ittee for Global Mapping	g (ISCGM)	
Distributor:	International St	eering Comm	ittee for Global Mapping	g (ISCGM)	
URL:	http://211.19.4	9.27/gmd/do	wnload/dl.php		
	File Size (MB):	93.679	Total Km:	Scale:	
Source Data: Method: Notes:					
Distrib Constraints:					
Use Constraints:	However if you the crdit "Globa	intend to use I Map of the I nd mail to atla	the data for commercia United States of America Ismail@usgs.gov describ	e of charge for any purpose. I purpose, you will need to show a © ISCGM" or logos on your ing your contact information,	
Region:	Americas				
Country: Data Set Title:	Uruguay URY_ISCGM_01			Year Pub:	0
Originator:	International St	eering Comm	ittee for Global Mapping	g (ISCGM)	
Distributor:	International St	eering Comm	ittee for Global Mapping	g (ISCGM)	
URL:	http://211.19.4	9.27/gmd/do	wnload/dl.php		
	File Size (MB):	2.781	Total Km:	Scale:	
Source Data: Method: Notes:					
Distrib Constraints:					
Use Constraints:	to get permissic Director of the (Any unauthorize	on from Geogr Geographic M ed use of the	raphic Miliatry Servive. P Iiliatry Service at sgm@e	purpose is in violation of	
Region:	Americas				
Country: Data Set Title:	Uruguay URY_CIAT_01			Year Pub:	
Originator:	Centro Internac	ional de Agric	ultura Tropical (CIAT)		
Distributor:	Centro Internac	ional de Agric	ultura Tropical (CIAT)		
URL:					

	File Size (MB):	0.33	Total Km:	Scale:	1:1,000,000
Source Data:	CARTA REGIONA	AL REPUBLICA ORI	ENTAL DEL URUGUAY VIAS DE C	OMUNICACIO	כ
Method:	La fuente original fue tomada del DCW. Los campos fueron introducidos con información de los mapas fuentes de cada país (ver anexo), En algunos casos la información del DCW no coincidía con los mapas fuentes, razón para digitalizar algunas vías y actualizar los datos de DCW. Los datos cuyo valor equivalen a 9 corresponden a información no encontrada en los mapas fuentes, pero sí en el DCW, quedando como SIN INFORMACION.				
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Americas						
Country:	Venezuela			Year P	ub: 1989		
Data Set Title:	VEN_CIAT_01						
Originator:	Centro Internac	ional de Agricultu	ra Tropical (CIAT)				
Distributor:	Centro Internac	ional de Agricultu	ra Tropical (CIAT)				
URL:							
	File Size (MB):	0.514	Total Km:	Scale:	1:2,000,000		
Source Data:	MAPA FISICO DI	EL LA REPUBLICA D	DE VENEZUELA				
Method:	información de información del vías y actualizar Los datos cuyo y	La fuente original fue tomada del DCW. Los campos fueron introducidos con información de los mapas fuentes de cada país (ver anexo), En algunos casos la información del DCW no coincidía con los mapas fuentes, razón para digitalizar algunas vías y actualizar los datos de DCW. Los datos cuyo valor equivalen a 9 corresponden a información no encontrada en los mapas fuentes, pero sí en el DCW, quedando como SIN INFORMACION.					
Notes:							
Distrib Constraints:							
Use Constraints:							
Region:	Asia						
Country:	Afghanistan			Year P	ub: 2001		
Data Set Title:	AFG_USAID_01						
Originator:	USAID/ FAO - U	N SDRN					
Distributor:	Office of the Co	ordination of Hum	anitarian Affairs (OCHA)				
URL:							
	File Size (MB):	4.914	Total Km:	Scale:	1:100,000		
Source Data:							
Method:	•	-	n United States Defense Mappi series U611, different editions		-		
Matazi							

Notes:

Distrib Constraints: Use Constraints:

Distributor:

Source Data: Method: Notes:

Use Constraints:

Distrib Constraints: Unclear

URL:

Region:	Asia						
Country:	Afghanistan	Year Pub:	0				
Data Set Title:	AFG_VMAP1_01.shp						
Originator:	US National Geospatial Intelligence Agency (NGIA) Vector Smart Map						
Distributor:							
URL:							
	File Size (MB):1.356Total Km:Scale	e:					
Source Data:	1cm=2.5km, and is 4 times the resolution of VMAP0. It is based primari	Vector Map Level 1 product resolution is based on 1:250,000 map scale source, i.e. 1cm=2.5km, and is 4 times the resolution of VMAP0. It is based primarily on the vectorized versions of 1:250,000 scale NIMA Joint Operations Graphics (JOGs) - nearly 10,000 sheets					
Method:	product is mean sea level (MSL). The unit of measure for VMap is metri geographic extent of the VMap Level 1 product is global and consists of regional databases. VMap Level 1 data from standard DMA source prod from the feature content defined in the associated military specification and allied appendix, available for download as .pdf files from NIMA Put gaps between a VMap Level 1 library may exist due to absence of data. products are organized into thematic layers. Each VMap thematic layer	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten					
Notes:	The approximate roads coverage is 10% of total national area. The met AFG_VMAP1_01 are incomplete.	adata for					
Distrib Constraints:	these particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)						
Use Constraints:							
Region:	Asia						
Country:	Afghanistan	Year Pub:	2004				
Data Set Title:	AFG_PennState						
Originator:	Penn State University						

University of Georgia - ITOS, Geographic Information Support Team

File Size (MB): 0.225

Unclear - probably public domain.

VMAP0/DCW

https://gist.itos.uga.edu/data/eurasia/countries/afghanistan/datasets/rdline.zip

Total Km:

Scale:

1:1,000,000

Region: Country:	Asia Afghanistan			Year Pu	b: 2002	
Data Set Title:	AFG_ESRI_01					
Originator:		Systems Research				
Distributor:	-		raphic Information Support Tea			
URL:		-	asia/countries/afghanistan/dat	· · · · –	_	
	File Size (MB):	0.558	Total Km:	Scale: 1	:1,000,000	
Source Data:						
Method: Notes:						
Distrib Constraints:	Unclear					
Use Constraints:		oly public domain.				
Decient	Acie					
Region:	Asia			No. D	L 2004	
Country: Data Set Title:	Armenia ARM_PennState	01 shn		Year Pu	b: 2004	
Originator:	Penn State Univ					
Distributor:		-	raphic Information Support Tea	m		
URL:			asia/countries/armenia/datase			
UKL.	File Size (MB):	0.05	Total Km:	•	:1,000,000	
Source Data:	VMAP0/DCW	0.05		Scale.	,000,000	
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Asia					
Country:	Armenia			Year Pu	b: 0	
Data Set Title:	ARM_VMAP1_0	1.shp				
Originator:	US National Geo	ospatial Intelligenc	e Agency (NGIA) Vector Smart N	Лар		
Distributor:						
URL:						
	File Size (MB):	0.18	Total Km:	Scale:		
Source Data:	1cm=2.5km, and	Vector Map Level 1 product resolution is based on 1:250,000 map scale source, i.e. 1cm=2.5km, and is 4 times the resolution of VMAPO. It is based primarily on the vectorized versions of 1:250,000 scale NIMA Joint Operations Graphics (JOGs) - nearly 10,000 sheets.				
Method:	The horizontal o	latum for this VMa	ap product is WGS84. The vertic	al datum for th	is VMap	

	product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.
Notes:	The approximate roads coverage is 10-15% of total national area. The metadata for ARM_VMAP1_01 are incomplete.
Distrib Constraints:	These particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)
Use Constraints:	

Region:	Asia						
Country:	Azerbaijan			Year F	Pub:	2004	
Data Set Title:	AZE_PennState	_01.shp					
Originator:	Penn State Univ	rersity					
Distributor:	University of Ge	orgia - ITOS, Geo	graphic Information Suppo	rt Team			
URL:	https://gist.itos	https://gist.itos.uga.edu/data/eurasia/countries/azerbaijan/datasets/rdline.zip					
	File Size (MB):	0.097	Total Km:	Scale:	1:1,00	00,000	
Source Data:	VMAP0/DCW						
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:							

Region:	Asia					
Country:	Azerbaijan			Year Pub: 0		
Data Set Title:	AZE_VMAP1_01	shp				
Originator:	US National Geo	ospatial Intelli	gence Agency (NGIA) Ve	ctor Smart Map		
Distributor:						
URL:	http://211.19.4	9.27/gmd/dov	wnload/dl.php			
	File Size (MB):	0.865	Total Km:	Scale:		
Source Data:	Vector Map Level 1 product resolution is based on 1:250,000 map scale source, i.e. 1cm=2.5km, and is 4 times the resolution of VMAP0. It is based primarily on the vectorized versions of 1:250,000 scale NIMA Joint Operations Graphics (JOGs) - nearly 10,000 sheets.					
Method:	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple					

Notes:	from the feature and allied appen gaps between a products are org single coverage thematic coverage	e content defined i dix, available for o VMap Level 1 libra anized into thema within a VPF librar ges in the data lib e roads coverage i	data from standard DMA so n the associated military sp download as .pdf files from ary may exist due to absenc atic layers. Each VMap them y. There are two reference rary level. s 15-20% of total national a	ecification VMAP_89 NIMA Publications. I e of data. VMap Leve natic layer is stored a coverages and ten	9033 Data el 1 s a
Distrib Constraints:			VMAP1 database have no c	onstraints	
	(VMAP1a1new.p	•			
Use Constraints:					
Region:	Asia				
Country:	Bahrain			Year Pub	: 0
Data Set Title:	BHR_ISCGM_01				
Originator:		-	for Global Mapping (ISCGM		
Distributor:		•	for Global Mapping (ISCGM)	
URL:	•	0.27/gmd/downloa		Casler	
Source Data:	File Size (MB):	1.141	Total Km: 508	Scale:	
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:	you intend to us Survey and Land (www.slrb.gov.b Any unauthorize	e the data for com Registration Bure h) for licensing. d use of the data	nrain is free of charge for an imercial purpose, you will n au, Topography Survey Dire for any commercial Purpose strictly forbidden.	eed to get a license ectorate. Please jum	from
Region:	Asia				
Country:	Bangladesh			Year Pub	: 2005
Data Set Title:	BGD_NREL_01.s	hp			
Originator:	National Renewa	able Energy Labor	atory (NREL)		
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support	Team	
URL:	https://gist.itos.	uga.edu/data/sou	th_asia/countries/banglade	esh/datasets/43_roa	ds.zip
	File Size (MB):	2.495	Total Km:	Scale:	unknown
Source Data:	SWERA				
Method: Notes:					
140105.					

Distrib Constraints: Use Constraints:

Data Set Title:

Region:	Asia				
Country:	Bangladesh			Year Pub:	0
Data Set Title:	BGD_ISCGM_01				
Originator:	International St	eering Committee	for Global Mapping (ISC	GM)	
Distributor:	International St	eering Committee	for Global Mapping (ISC	GM)	
URL:	http://211.19.4	9.27/gmd/downlo	ad/dl.php		
	File Size (MB):	3.035	Total Km: 14679	Scale:	
Source Data: Method: Notes:					
Distrib Constraints:					
Use Constraints:	contact Survey o E-mail address: Postal address:S BANGLADESH	of Bangladesh. sob@sob-bd.org SURVEYOR GENER/ +88-02-8111992		d. For more detail, please DESH, TEJGOAN, DHAKA-1208,	,
Region:	Asia				
Country:	Bhutan			Year Pub: 2	004
, Data Set Title:	BTN_PennState	_01.shp			
Originator:	Penn State Univ	ersity			
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Supp	ort Team	
URL:	https://gist.itos	.uga.edu/data/sou	th_asia/countries/bhuta	n/datasets/rdline.zip	
	File Size (MB):	0.025	Total Km:	Scale: 1:1,000,	,000
Source Data: Method: Notes:	VMAP0/DCW				
Distrib Constraints: Use Constraints:					
Region:	Asia				
Region: Country:	Asia Bhutan			Year Pub:	0

Originator:International Steering Committee for Global Mapping (ISCGM)Distributor:International Steering Committee for Global Mapping (ISCGM)

BTN_ISCGM_01

URL:	http://211.19.49	9.27/gmd/downlo	ad/dl.php		
	File Size (MB):	0.301	Total Km:	Scale:	
Source Data: Method: Notes: Distrib Constraints:					
Use Constraints:	use the data for Department of S department. Ple unauthorized us	commercial purpe Survey and Land R ease contact Surve	of charge for any purpose. How ose, you will need to get permis ecourds, Bhutan to comply with yor General in ugentachhu@dr ny commercial purpose is in vic n.	sion and license from the data policy of the uknet.bt . Any	
Region:	Asia				
Country: Data Set Title:	Brunei BRN_ISCGM_02			Year Pub:	0
Originator:	International Ste	eering Committee	for Global Mapping (ISCGM)		
Distributor:	International Ste	eering Committee	for Global Mapping (ISCGM)		
URL:	http://211.19.49 File Size (MB):	9.27/gmd/downlo 0.136	ad/dl.php Total Km:	Scale:	
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	If you intend to will need to get Please contact S Any unauthorize	use the Global Ma permission from S Survey Departmen ed use of the data	p of Brunei Darussalam for con Survey Department, Ministry of t (survey@brunet.bn) for any commercial purposes is s strictly forbidden.	nmercial purpose, You Development.	
Region:	Asia				
Country: Data Set Title: Originator:	Brunei BRN_ISCGM_01 International Ste		for Global Mapping (ISCGM)	Year Pub:	0
Distributor:	International Ste	eering Committee	for Global Mapping (ISCGM)		
URL:	•	9.27/gmd/downlo			
Source Data: Method: Notes: Distrib Constraints:	File Size (MB):	0.678	Total Km:	Scale:	

Use Constraints:	If you intend to use the Global Map of Brunei Darussalam for commercial purpose, You
	will need to get permission from Survey Department, Ministry of Development.
	Please contact Survey Department (survey@brunet.bn)
	Any unauthorized use of the data for any commercial purposes is in violation of
	International copyright laws and is strictly forbidden.

Region:	Asia					
Country:	Cambodia			Yea	r Pub:	2004
Data Set Title:	KHM_PennState	e_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITOS, Geog	graphic Information Support Te	am		
URL:	https://gist.itos	.uga.edu/data/sou	uth_asia/countries/cambodia/o	datasets/rdlin	ne.zip	
	File Size (MB):	0.107	Total Km:	Scale:	1:1,0	00,000
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Asia				
Country:	Cyprus			Year P	ub: 2004
Data Set Title:	CYP_PennState	_01.shp			
Originator:	Penn State Univ	rersity			
Distributor:	University of Ge	orgia - ITOS,	Geographic Information Sup	port Team	
URL:	https://gist.itos	.uga.edu/dat	a/eurasia/countries/cyprus/o	datasets/rdline.zip	
	File Size (MB):	0.024	Total Km:	Scale:	1:1,000,000
Source Data:	VMAP0/DCW				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Asia					
Country:	Georgia				Year Pub:	2004
Data Set Title:	GEO_PennState	_01.shp				
Originator:	Penn State Univ	rersity				
Distributor:	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos	.uga.edu/data/eu	rasia/countries/georgia	/datasets/rdline	e.zip	
	File Size (MB):	0.069	Total Km:	Scale	: 1:1,0	000,000

Source Data: VMAP0/DCW Method: Notes: Distrib Constraints: Use Constraints:

Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method:	International St	eering Committee	e for Global Mapping (ISCGM) e for Global Mapping (ISCGM) pad/dl.php Total Km:	Year Pub Scale:	: 0
Notes: Distrib Constraints: Use Constraints:	use the data for Georgia © ISCG	commercial purp M/geodesyandca ⊉moe.gov.ge desc	of charge for any purpose. He ose, you will need to show the tography service" or logos on ribing your contact informatio	e credit "Global Ma your product and	np of send
Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:	-	eorgia - ITOS, Geo	graphic Information Support T uth_asia/countries/india/data Total Km:	sets/roads.zip	: 2007 unknown
Region: Country: Data Set Title:	Asia India IND_VMAP1_01	L.shp		Year Pub	: 0

Originator: US National Geospatial Intelligence Agency (NGIA) Vector Smart Map

Distributor:

URL:						
	File Size (MB):	27.125	Total Km:	Scale:		
Source Data:	1cm=2.5km, and	is 4 times the res	ition is based on 1:250,000 n olution of VMAP0. It is based cale NIMA Joint Operations (d primarily on the		
Method:	product is mean geographic exten regional database from the feature and allied append gaps between a N products are orga	sea level (MSL). T at of the VMap Level 1 content defined i dix, available for o VMap Level 1 libra anized into thema vithin a VPF librar	ip product is WGS84. The ver he unit of measure for VMap vel 1 product is global and co data from standard DMA sou in the associated military spe download as .pdf files from N ary may exist due to absence atic layers. Each VMap thema y. There are two reference c rary level.	o is metric. The posists of multiple arce products are derived ecification VMAP_89033 IIMA Publications. Data of data. VMap Level 1 atic layer is stored as a		
Notes:	The approximate IND_VMAP1_01 i	-	s 30% of total national area.	The metadata for		
Distrib Constraints:	these particular f (VMAP1a1new.p	-	/MAP1 database have no co	nstraints		
Use Constraints:						
Region:	Asia					
Country:	India			Year Pub: 0		
Data Set Title:	IND_ISCGM_01					
Originator:	International Ste	ering Committee	for Global Mapping (ISCGM)			
Distributor:	International Ste	ering Committee	for Global Mapping (ISCGM)			
URL:	http://211.19.49	.27/gmd/downloa	ad/dl.php			
	File Size (MB):	57.483	Total Km: 327101	Scale:		
Source Data: Method:						
Notes:						
Distrib Constraints: Use Constraints:	If you intend to u	ise the Global Ma	n of INDIA for commercial n	Irnose you will need to		
Use Constraints.	get permission fr sgo@nde.vsnl.ne data for any com	If you intend to use the Global Map of INDIA for commercial purpose, you will need to get permission from Survey of India. Please contact Survey of India at e-mail: sgo@nde.vsnl.net.in; Website www.surveyofindia.gov.in. Any unauthorized use of the data for any commercial purposes in in violation of international copyright laws and is strictly forbidden.				
Region:	Asia					

Region.	Asia
Country:	India
Data Set Title:	IND_PennState_01.shp

Originator:	Penn State University					
Distributor:	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos.uga.edu/data/south_asia/countries/india/datasets/rdline.zip					
	File Size (MB):	1.955	Total Km:	Scale:	1:1,000,000	
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Asia					
Country:	Indonesia				Year Pub:	2007
Data Set Title:	IDN_WHO_01.s	hp				
Originator:	World Health O	rganization (W	'HO)			
Distributor:	University of Ge	orgia - ITOS, G	eographic Informatior	n Support Team		
URL:	https://gist.itos	.uga.edu/data,	/south_asia/countries,	/indonesia/datasets/	roads.zip	
	File Size (MB):	0.674	Total Km:	Scale	: ı	unknown
Source Data:	Partial data fror	n ISCGM				
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Asia				
Country:	Indonesia			Year Pub	: 2007
Data Set Title:	IDN_OCHA_01.s	shp			
Originator:	Office for the Co	oordination of Hu	manitarian Affairs (UNOCHA)		
Distributor:	University of Ge	orgia - ITOS, Geog	graphic Information Support Tea	am	
URL:	https://gist.itos.	.uga.edu/data/sou	uth_asia/countries/indonesia/d	atasets/prop_jln.	zip
	File Size (MB):	0.146	Total Km:	Scale:	unknown
Source Data:					
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:

Country:

Asia

Indonesia

Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes:	IDN_AndyNelson_01 Global Forest Watch AndyNelson http://www.globalforestwatch.org/english File Size (MB): 18.969 Total I		cale:	
Distrib Constraints: Use Constraints:	This data is copyright to Global Forest War reproduction of this data is authorized for purposes without prior permission from th copies of the data as you wish; give exact distribute the data in its unmodified form any of the above. You are specifically proh for any such copies, however made; from with other products (commercial or other	educational or other non-one copyright holders. You m copies of the original data t via electronic means. There hibited from charging, or re- n publishing; and from distr	commercial nay make as many to anyone; and e is no charge for questing donation, ributing the data	
Region:	Asia			
Country: Data Set Title:	Indonesia IDN_ISCGM_01		Year Pub:	0
Originator:	International Steering Committee for Glob	al Mapping (ISCGM)		
Distributor:	International Steering Committee for Glob	al Mapping (ISCGM)		
URL:	http://211.19.49.27/gmd/download/dl.ph	p		
	File Size (MB):8.368Total I	(m: So	cale:	
Source Data: Method: Notes: Distrib Constraints:				
Use Constraints:	The Global Map of Indonesia is free of cha to use data for commercial purpose, you w Indonesia @ ISCGM/Indonesia" or logos o info@bakosurtanal.go.id describing your o and purpose of use.	will need to show the credit n your product and send m	t "Global Map of ail to	
Region:	Asia			
Country:	Iran		Year Pub:	0
Data Set Title:	IRN_ISCGM_01			
Originator:	International Steering Committee for Glob			
Distributor:	International Steering Committee for Glob			
URL:	http://211.19.49.27/gmd/download/dl.ph	ıp		

File Size ((MB):	7.315
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Scale:

	FILE SIZE (IVIB):	7.315	Iotal Km: 63420) 2	scale:	
Source Data:						
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:	National Cartogr Iran) are not aut E-mail address: n Postal address:N Square)	raphic Center. Inte horitative. m-vahedi@ncc.net	hic Center (Tehran	es in this datas	et (Global Map	
Region:	Asia					
Country:	Iran				Year Pub:	2007
Data Set Title:	IRN_NGIA_01.sh	ıp				
Originator:	National Geospa	itial Intelligence Ag	gency (NGIA)			
Distributor:	University of Ge	orgia - ITOS, Geog	aphic Information	Support Team		
URL:	https://gist.itos.	uga.edu/data/eur	asia/countries/iran	/datasets/road	ls.zip	
	File Size (MB):	0.274	Total Km:		Scale:	uknown
Source Data:	USAID/OFDA					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Asia					
Country:	Iran				Year Pub:	0
Data Set Title:	IRN_VMAP1_01	.shp				
Originator:	US National Geo	spatial Intelligence	e Agency (NGIA) Ve	ector Smart Ma	р	
Distributor:						
URL:						
	File Size (MB):	10.609	Total Km:	9	Scale:	
Source Data:	Vector Map Level 1 product resolution is based on 1:250,000 map scale source, i.e. 1cm=2.5km, and is 4 times the resolution of VMAP0. It is based primarily on the vectorized versions of 1:250,000 scale NIMA Joint Operations Graphics (JOGs) - nearly 10,000 sheets					
Method:	The horizontal d product is mean geographic exte regional databas	10,000 sheets. The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033				

	and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.
Notes:	The approximate roads coverage is 45% of total national area. The metadata for IRN_VMAP1_01 are incomplete.
Distrib Constraints:	these particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)

Use Constraints:

Region:	Asia					
Country:	Iraq			Year P	ub: 2004	
Data Set Title:	IRQ_NGIA_04.sh	np				
Originator:	National Geospa	atial Intelligence	Agency (NGIA)			
Distributor:	University of Ge	orgia - ITOS, Geo	graphic Information Sup	port Team		
URL:	https://gist.itos.	uga.edu/data/e	urasia/countries/iraq/da	tasets/trail.zip		
	File Size (MB):	0.286	Total Km:	Scale:	1:100,000	
Source Data:	The data was de	rived from the li	aq Geospatial Intelligen	ce Feature Database		
Method:						
Notes:	Lines represent	network of path	s and trails suitable for fa	air weather located in I	raq.	
Distrib Constraints:	Team of the hur of the Governmo or development meeting the af present form. Th this data and it i	Lines represent network of paths and trails suitable for fair weather located in Iraq. Limitations of use: This data has been provided to the Geographic Information Support Team of the humanitarian community from the National Imagery and Mapping Agency of the Government of the United States and is solely intended for use in humanitarian or development related applications. This data may be used in commercial applications meeting the aforementioned criteria; however it is unlawful to sell this data in its present form. The Government of the United States cannot guarantee the accuracy of this data and it is the responsibility of the user to ensure quality, accuracy and appropriate use of this data based on the criteria of their specific application.				
Line Constantistes						

Use Constraints:

Region:	Asia					
Country:	Iraq		Year Pu	b: 2004		
Data Set Title:	IRQ_NGIA_01.shp					
Originator:	National Geospatial Intelligence Agency (NGIA)					
Distributor:	University of Georgia - ITOS, Geo	graphic Information Support Te	am			
URL:	https://gist.itos.uga.edu/data/eu	irasia/countries/iraq/datasets/b	oridge_overpass.	zip		
	File Size (MB): 0.192	Total Km:	Scale:	1:100,000		
Source Data:	The data was derived from the Ir	aq Geospatial Intelligence Featu	ire Database			
Method:						
Notes:	bridge overpasses					

Distrib Constraints: Limitations of use: This data has been provided to the Geographic Information Support Team of the humanitarian community from the National Imagery and Mapping Agency of the Government of the United States and is solely intended for use in humanitarian or development related applications. This data may be used in commercial applications meeting the aforementioned criteria; however it is unlawful to sell this data in its present form. The Government of the United States cannot guarantee the accuracy of this data and it is the responsibility of the user to ensure quality, accuracy and appropriate use of this data based on the criteria of their specific application.

Use Constraints:

Region:	Asia				
Country:	Iraq			Year Pu	b: 2004
Data Set Title:	IRQ_NGIA_02.sł	ηp			
Originator:	National Geospa	atial Intelligence	Agency (NGIA)		
Distributor:	University of Ge	orgia - ITOS, Geo	ographic Information Su	oport Team	
URL:	https://gist.itos.	uga.edu/data/e	urasia/countries/iraq/da	tasets/cart_track.zip	
	File Size (MB):	23.973	Total Km:	Scale:	1:100,000
Source Data: Method:	The data was de	rived from the I	raq Geospatial Intelliger	ce Feature Database	
Notes:	cart and buggie	tracks			
Distrib Constraints:	Team of the hur of the Governmo or development meeting the af present form. Th this data and it i	nanitarian comr ent of the Unite related applicat orementioned c ne Government s the responsibi	nunity from the Nationa d States and is solely inte ions. This data may be u riteria; however it is unla		Agency tarian cations its
Use Constraints:					

Use Constraints:

Region:	Asia				
Country:	Iraq			Year Pub	2004
Data Set Title:	IRQ_JHIC_01.sh	р			
Originator:	Joint Humanitar	ian Information C	entre		
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	m	
URL:	https://gist.itos	.uga.edu/data/eu	asia/countries/iraq/datasets/all	_erbil_sat_stree	et.zip
	File Size (MB):	0.684	Total Km:	Scale:	unknown
Source Data:	OCHA				
Method:					
Notes:	Streets of Erbil				
Distrib Constraints:					
Use Constraints:					

Region:	Asia				
Country:	Iraq			Year Pub	2004
Data Set Title:	IRQ_JHIC_02.sh	р			
Originator:	Joint Humanitar	ian Information Co	entre		
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support T	eam	
URL:	https://gist.itos	uga.edu/data/eur	asia/countries/iraq/datasets/	dohuk_streets_pol	ylin
	File Size (MB):	0.146	Total Km:	Scale:	unknown
Source Data:	OCHA				
Method:					
Notes:	Streets of Dohu	k			
Distrib Constraints:					
Use Constraints:					

Region:	Asia				
Country:	Iraq			Year Pub	2004
Data Set Title:	IRQ_JHIC_03.sh	р			
Originator:	Joint Humanitar	ian Information Co	entre		
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Te	am	
URL:	https://gist.itos	.uga.edu/data/eur	asia/countries/iraq/datasets/s	tr_polyline.zip	
	File Size (MB):	0.05	Total Km:	Scale:	unknown
Source Data:	OCHA				
Method:					
Notes:	Streets of Erbil				
Distrib Constraints:					
Use Constraints:					

Region:	Asia				
Country:	Iraq			Year Pub	: 2004
Data Set Title:	IRQ_JHIC_04.sh	р			
Originator:	Joint Humanitarian Information Centre				
Distributor:	University of Georgia - ITOS, Geographic Information Support Team				
URL:	https://gist.itos.uga.edu/data/eurasia/countries/iraq/datasets/majar-				
	File Size (MB):	0.579	Total Km:	Scale:	unknown
Source Data:	OCHA				
Method:					
Notes:	Major roads of northern Iraq				
Distrib Constraints:					
Use Constraints:					
Region:	Asia				
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Country:	Iraq			Year Pub:	2007
Data Set Title:	IRQ_JHIC_05.shp)			
Originator:	Joint Humanitari	an Information Ce	ntre		
Distributor:	University of Geo	orgia - ITOS, Geogr	aphic Information Support Tea	am	
URL:	https://gist.itos.u	uga.edu/data/eura	asia/countries/iraq/datasets/m	iajor-	
	File Size (MB):	0.537	Total Km:	Scale:	unknown
Source Data:	Same as IRQ_JHI	C_04 with few cha	inges		
Method:					
Notes:	Major roads of n	orthern Iraq			
Distrib Constraints:					
Use Constraints:					

Region:	Asia				
Country:	Iraq			Year Pu	ib: 2004
Data Set Title:	IRQ_NGIA_03.sł	пр			
Originator:	National Geospa	atial Intelligence A	Agency (NGIA)		
Distributor:	University of Ge	orgia - ITOS, Geo	graphic Information Support ⁻	Team	
URL:	https://gist.itos.	.uga.edu/data/eu	rasia/countries/iraq/datasets	s/roads.zip	
	File Size (MB):	15.159	Total Km:	Scale:	1:100,000
Source Data: Method: Notes:	The data was de	erived from the Ira	aq Geospatial Intelligence Fea	iture Database	
Distrib Constraints:	Team of the hur of the Governm or development meeting the af present form. Th this data and it i	manitarian comm ent of the United related applicati orementioned cri he Government o is the responsibili	been provided to the Geograp unity from the National Image States and is solely intended ons. This data may be used in teria; however it is unlawful t f the United States cannot gu ty of the user to ensure quality d on the criteria of their spec	ery and Mapping A for use in humani commercial appli to sell this data in arantee the accura ty, accuracy and	Agency Itarian cations its
Use Constraints:					

Region:	Asia		
Country:	Iraq	Year Pub:	2004
Data Set Title:	IRQ_NGIA_05.shp		
Originator:	National Geospatial Intelligence Agency (NGIA)		
Distributor:	University of Georgia - ITOS, Geographic Information Support Team		
URL:	https://gist.itos.uga.edu/data/eurasia/countries/iraq/datasets/second	aryroads_nima	a_

	File Size (MB):	1.121	Total Km:	Scale:	unknown
Source Data:	USAID/OFDA				
Method:					
Notes:	Secondary roads	of northern Iraq			
Distrib Constraints:					
Use Constraints:					

Asia					
Iraq			Year P	ub: 2004	4
IRQ_PennState_	01.shp				
Penn State Unive	ersity				
University of Geo	orgia - ITOS, Geog	raphic Information Support Tea	m		
https://gist.itos.	uga.edu/data/eur	asia/countries/iraq/datasets/rd	lline.zip		
File Size (MB):	0.2	Total Km:	Scale:	1:1,000,00	0
VMAP0/DCW					
	Iraq IRQ_PennState_ Penn State Unive University of Geo https://gist.itos. File Size (MB):	Iraq IRQ_PennState_01.shp Penn State University University of Georgia - ITOS, Geog https://gist.itos.uga.edu/data/eur File Size (MB): 0.2	Iraq IRQ_PennState_01.shp Penn State University University of Georgia - ITOS, Geographic Information Support Tea https://gist.itos.uga.edu/data/eurasia/countries/iraq/datasets/rd File Size (MB): 0.2 Total Km:	IraqYear PartIRQ_PennState_01.shpPenn State UniversityUniversity of Georgia - ITOS, Geographic Information Support Teamhttps://gist.itos.uga.edu/data/eurasia/countries/iraq/datasets/rdline.zipFile Size (MB):0.2Total Km:Scale:	IraqYear Pub:200IRQ_PennState_01.shpPenn State UniversityUniversity of Georgia - ITOS, Geographic Information Support Teamhttps://gist.itos.uga.edu/data/eurasia/countries/iraq/datasets/rdline.zipFile Size (MB):0.2Total Km:Scale:1:1,000,000

Region:	Asia						
Country:	Israel			Year Pub	: 2004		
Data Set Title:	ISR_USDOS_01.	shp					
Originator:	US Department	of State					
Distributor:	University of Ge	Jniversity of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos	.uga.edu/data/eu	asia/countries/israel/datase	ets/isroads_dd.zip			
	File Size (MB):	0.048	Total Km:	Scale:	unknown		
Source Data:	OCHA						
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:							

Region:	Asia		
Country:	Israel	Year Pub:	2007
Data Set Title:	ISR_PennState_01.shp		
Originator:	Penn State University		
Distributor:	University of Georgia - ITOS, Geographic Information Support Team		

URL:		-		es/israel/datasets/r			
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	File Size (MB): VMAP0/DCW	0.053	Total Km:		Scale:	1:1,000,0	00
Region:	Asia						
Country: Data Set Title:	Japan JPN_ISCGM_01				Year	Pub:	0
Originator: Distributor:		eering Committee					
URL:		9.27/gmd/downloa		11 0()			
	File Size (MB):	142.033	Total Km:	123855	Scale:		
Source Data: Method: Notes:							
Distrib Constraints:							
Use Constraints:	international tre Application proc purpose and use utilization in an small quantity, a utilization is not Please contact:	eaty. cedure is required is e in small quantity. appropriate mann- acknowledgement required.) 1) Geographical Su on procedure, or 2)	in using the Acknowledger is necessa of written so rvey Institut	f Japan and copyrig product, except for gement of written s iry in using the proc purces is necessary, e (chikyuchizu@gsi etariat (sec@iscgm	non-comme ources and r duct. (In case but report c .go.jp) for in	ercial report of of use in of quiries	
Region:	Asia						
Country: Data Set Title:	Japan JPN_VMAP1_01	shp			Year	Pub:	0
Originator: Distributor: URL:	US National Geo	ospatial Intelligence	e Agency (No	GIA) Vector Smart N	Лар		
	File Size (MB):	27.727	Total Km:		Scale:		
Source Data:	1cm=2.5km, and	d is 4 times the res	olution of VI	d on 1:250,000 map MAP0. It is based pr vint Operations Gra	imarily on th	ne	

Method: Notes:	product is mean geographic exte regional databas from the feature and allied apper gaps between a products are org single coverage thematic covera	sea level (MSL). nt of the VMap Leses. VMap Level 1 e content defined ndix, available for VMap Level 1 lib ganized into them within a VPF libra ges in the data lil e roads coverage	The unit of mevel 1 produce data from st in the associ download as rary may exis natic layers. E ary. There are prary level.	easure for VMap is t is global and cons andard DMA source ated military specif pdf files from NIM	ists of multiple e products are derived ication VMAP_89033 A Publications. Data data. VMap Level 1 layer is stored as a erages and ten	
Distrib Constraints:	these particular	fragments of the	VMAP1 data	base have no const	raints	
	(VMAP1a1new.	odf, 1)				
Use Constraints:						
Region:	Asia					
Country:	Jordan				Year Pub:	0
Data Set Title:	JOR_ISCGM_01					
Originator:	International Ste	eering Committee	e for Global N	1apping (ISCGM)		
Distributor:	International Ste	eering Committee	e for Global N	1apping (ISCGM)		
URL:	http://211.19.49	9.27/gmd/downlo	oad/dl.php			
	File Size (MB):	1.885	Total Km:	4683	Scale:	
Source Data: Method: Notes:						
Distrib Constraints:						
Use Constraints:	Royal Jordanian	of Global Map Jo Geographic Cent P.O.Box 414, Al Ju	re (RJGC).		detail, please contact	

Region:	Asia							
Country:	Jordan			Year F	Pub: 2	2004		
Data Set Title:	JOR_PennState_	_01.shp						
Originator:	Penn State Univ	ersity						
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team						
URL:	https://gist.itos	.uga.edu/data	/eurasia/countries/jordan/da	tasets/rdline.zip				
	File Size (MB):	0.064	Total Km:	Scale:	1:1,000	,000,		
Source Data:	VMAP0/DCW							
Method:								
Notes:								

Distrib Constraints: Use Constraints:

Region:	Asia						
Country:	Kazakhstan				Year Pub:	0	
Data Set Title:	KAZ_VMAP1_01	shp					
Originator:	US National Geo	ospatial Intelligen	ce Agency (N	GIA) Vector Smart N	1ap		
Distributor:							
URL:							
	File Size (MB):	5.947	Total Km:		Scale:		
Source Data:	1cm=2.5km, and	d is 4 times the re	solution of V	d on 1:250,000 map MAP0. It is based pr pint Operations Grap			
Method:	product is mean geographic exte regional databas from the feature and allied apper gaps between a products are org	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten					
Notes:	The approximat	-	•	total national area.	The metadata for		
Distrib Constraints:	these particular (VMAP1a1new.	-	VMAP1 data	base have no constr	aints		
Use Constraints:							
Region:	Asia						
Country:	Kazakhstan				Year Pub:	0	
Data Set Title:	KAZ_ISCGM_01						
Originator:	International Ste	eering Committee	e for Global N	lapping (ISCGM)			
Distributor:	International Ste	eering Committee	e for Global N	1apping (ISCGM)			
URL:	http://211.19.49	9.27/gmd/downlo	oad/dl.php				
	File Size (MB):	8.706	Total Km:	88687	Scale:		
	- \ 7-						

Source Data: Method: Notes: Distrib Constraints: Use Constraints: Commercial use of Global Map Kazakhstan is not permitted. For more detail, please contact Scientific Technical Enterprise of Digital Cartography and GIS, The Committee for Management of Land Resources, Ministry of Agriculture STE Kartinform.

Region:	Asia				
Country:	Kazakhstan			Year Pu	b: 2004
Data Set Title:	KAZ_PennState	_01.shp			
Originator:	Penn State Univ	ersity			
Distributor:	University of Ge	orgia - ITOS, Geog	graphic Information Support	Team	
URL:	https://gist.itos	.uga.edu/data/eu	rasia/countries/kazakhstan/c	latasets/rdline.zip	
	File Size (MB):	1.164	Total Km:	Scale: 1	:1,000,000
Source Data:	VMAP0/DCW				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Asia					
Country:	Kuwait			Year	Pub:	2004
Data Set Title:	KWT_PennState	e_01.shp				
Originator:	Penn State Univ	versity				
Distributor:	University of Ge	eorgia - ITOS, Geo	ographic Information Support T	Геат		
URL:	https://gist.itos	.uga.edu/data/e	urasia/countries/kuwait/datas	ets/rdline.zip		
	File Size (MB):	0.026	Total Km:	Scale:	1:1,00	00,000
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Asia					
Country:	Kvrgvzstan			Year	Pub:	0

Country:	Kyrgyzstan			Year Pub:	0
Data Set Title:	KGZ_ISCGM_01				
Originator:	International Ste	ering Committee	for Global Mapping (ISCGM)		
Distributor:	International Ste	ering Committee	for Global Mapping (ISCGM)		
URL:	http://211.19.49	.27/gmd/downloa	ad/dl.php		
	File Size (MB):	3.461	Total Km: 12391	Scale:	
Source Data: Method:					
incurou.					

Notes:

Distrib Constraints:

Use Constraints: Commercial use of Global Map Kyrgyz is not permitted. For more detail, please contact State Service of Cartography and Geodesy of Kyrgyz Republic.

Region:	Asia						
Country:	Kyrgyzstan			Year P	u b: 2004		
Data Set Title:	KGZ_PennState	_01.shp					
Originator:	Penn State Univ	ersity					
Distributor:	University of Ge	orgia - ITOS, (Geographic Information Su	pport Team			
URL:	https://gist.itos	https://gist.itos.uga.edu/data/eurasia/countries/KYRGYZSTAN/datasets/rdline.zip					
	File Size (MB):	0.09	Total Km:	Scale:	1:1,000,000		
Source Data:	VMAP0/DCW						
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:							

Region: Country: Data Set Title:	Asia Laos LAO_ISCGM_01	Year Pub:	0
Originator:	International Steering Committee for Global Mapping (ISCGM)		
Distributor:	International Steering Committee for Global Mapping (ISCGM)		
URL:	http://211.19.49.27/gmd/download/dl.php File Size (MB): 1.46 Total Km: 10366	Scale:	
Source Data: Method: Notes:			
Distrib Constraints: Use Constraints:	Commercial use of Global Map Lao People's Democratic Republic more detail, please contact National Geographic Department Prim E-mail address: ngdtech@laotel.com Postal address: P.O Box 2159, VIENTIANE, LAOS. Phone number: +856-21-243474, 214917 Fax number: +856-21-213474, 214915	•	r
Region:	Asia		
Country: Data Set Title:	Laos LAO_PennState_01shp	Year Pub:	2004
Originator:	Penn State University		
Distributor:	University of Georgia - ITOS, Geographic Information Support Tea	m	

URL:	https://gist.itos	.uga.edu/data/sou	ıth_asia/cou	ntries/laos/dataset	s/rdline.zip		
	File Size (MB):	0.149	Total Km:		Scale:	1:1,000,0	000
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	VMAP0/DCW						
Desta							
Region:	Asia						
Country:	Lebanon				Year	Pub:	0
Data Set Title:	LBN_ISCGM_01						
Originator:	International St	eering Committee	for Global N	lapping (ISCGM)			
Distributor:	International St	eering Committee	for Global N	1apping (ISCGM)			
URL:	http://211.19.4	9.27/gmd/downlo	ad/dl.php				
	File Size (MB):	6.882	Total Km:	2298	Scale:		
Source Data:							
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:	use the data for Lebanon © ISCO and send e-mail	commercial purp GM/National Coun	ose, you will cil for Scient	or any purpose. How need to show the c ific Research - Remo ng your contact info	credit "Globa ote Sensing	ll Map of Center"	

Region:	Asia					
Country:	Lebanon			Ye	ear Pub:	2006
Data Set Title:	LBN_UNJLC_01.	shp				
Originator:	United Nations.	Ioint Logistics Cen	tre (UNJLC)			
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Suppo	rt Team		
URL:	https://gist.itos.	uga.edu/data/eu	asia/countries/lebanon/d	atasets/rds_un	jlc_ln_060	72
	File Size (MB):	2.367	Total Km:	Scale:	1:20,000	/300,0
Source Data:	SDATL and USAI	D/OFDA				
Method:	territoire libana (USAID/OFDA) r OFDA roads falli to the SDATL att attribute field. L	is (SDATL) road da oad shapefiles. Th ng within Lebano cribute format. So ocational accurac and shows that th	20,000 scale schéma dire ta with regional 1:300,000 e OFDA roads were joined n were deleted. Then OFD urce (SDATL or OFDA) are y of the roads was checke he SDATL data is within ab	D US Governme I to the SDALT r A attributes we indicated in a 's d against image	nt oads and re mapped ource' ry availab	d Ie

Notes: Distrib Constraints: Use Constraints:

Region:	Asia						
Country:	Malaysia				Year	Pub:	0
Data Set Title:	MYS_ISCGM_01						
Originator:	International Ste	eering Committee f	or Global N	1apping (ISCGM)			
Distributor:	International Ste	eering Committee f	or Global N	1apping (ISCGM)			
URL:	http://211.19.49	9.27/gmd/downloa	d/dl.php				
	File Size (MB):	8.568	Total Km:	26126	Scale:		
Source Data:							
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:	to get permissio	use the Global Maı n from the Departı artment of Survey	nent of Sur	vey and Mapping N	Malaysia. Ple	ase	
	Any unauthorize	ed use of the data f	or any com	mercial purposes is	s in violation	of	
Region:	Asia						
Country:	Malaysia				Year	Pub:	2004
Data Set Title:	MYS_PennState	_01.shp					
Originator:	Penn State Univ	ersity					
Distributor:	University of Ge	orgia - ITOS, Geogr	aphic Infori	mation Support Tea	am		
URL:	https://gist.itos.	.uga.edu/data/sout	h_asia/cou	ntries/malaysia/da	tasets/rdline	e.zip	
	File Size (MB):	0.139	Total Km:		Scale:	1:1,000	0,000
	The Size (IVID).						
Source Data:	VMAP0/DCW					·	
Source Data: Method:						ŗ	
						·	
Method:							
Method: Notes:							
Method: Notes: Distrib Constraints:							

Region:	Asia		
Country:	Mongolia	Year Pub:	0
Data Set Title:	MNG_ISCGM_01		
Originator:	International Steering Committee for Global Mapping (ISCGM)		
Distributor:	International Steering Committee for Global Mapping (ISCGM)		

URL:	http://211.19.49 File Size (MB):	0.27/gmd/downloa 2.92	ad/dl.php Total Km:	49941	Scale:	
Source Data: Method: Notes: Distrib Constraints:	The Size (WD).	2.52		43341	State.	
Use Constraints:	contact Administ E-mail address: a Postal address: A	tration of Land Aff alagac@mongol.n Administration of Igachdyn talbai 3, +976-11-329638	fairs, Geode et Land Affairs,	t permitted. For mor sy and Cartography I . Geodesy and Cartog r 211238, Mongolia)	Mongolia. graphy (Governmer	ıt
Region:	Asia					
Country: Data Set Title:	Mongolia MNG_VMAP1_0	1.shp			Year Pub:	0
Originator:	US National Geo	spatial Intelligenc	e Agency (N	GIA) Vector Smart N	lap	
Distributor:						
URL:						
	File Size (MB):	1.235	Total Km:		Scale:	
Source Data:	1cm=2.5km, and	is 4 times the res	olution of V	d on 1:250,000 map MAPO. It is based pri pint Operations Grap	marily on the	1
Method:	product is mean geographic exter regional databas from the feature and allied appen gaps between a products are org single coverage o	sea level (MSL). T nt of the VMap Level 1 e content defined dix, available for o VMap Level 1 libra anized into thema	he unit of m vel 1 produc data from st in the associ download as ary may exis atic layers. E ry. There are	WGS84. The vertical easure for VMap is r to is global and consis- candard DMA source fated military specifies pdf files from NIM/ t due to absence of ach VMap thematic t two reference cove	metric. The sts of multiple products are deriv cation VMAP_8903 A Publications. Data data. VMap Level 1 layer is stored as a	ed 3
Notes:	The approximate MNG_VMAP1_0	•	s 10-15% of	total national area.	The metadata for	
Distrib Constraints:	these particular (VMAP1a1new.p	-	VMAP1 data	base have no constr	aints	
Use Constraints:						
Region:	Asia					
Country:	Mongolia				Year Pub:	2004

Data Set Title:	MNG_PennState	MNG_PennState_01.shp						
Originator:	Penn State Unive	ersity						
Distributor:	University of Geo	orgia - ITOS, Geogi	raphic Information Support Tea	n				
URL:	https://gist.itos.	ttps://gist.itos.uga.edu/data/south_asia/countries/mongolia/datasets/rdline.zip						
	File Size (MB):	0.36	Total Km:	Scale:	1:1,000,000			
Source Data: Method: Notes:	VMAP0/DCW							
Distrib Constraints: Use Constraints:								

Region:	Asia							
Country:	Myanmar (Burn	na)		Year P	u b: 2007			
Data Set Title:	MMR_PennStat	e_01.shp						
Originator:	Penn State Univ	ersity						
Distributor:	University of Ge	orgia - ITOS	S, Geographic Information Sup	port Team				
URL:	https://gist.itos	https://gist.itos.uga.edu/data/south_asia/countries/burma_myanmar/datasets/rdline.						
	File Size (MB):	0.4	Total Km:	Scale:	1:1,000,000			
Source Data:	VMAP0/USAID							
Method:								
Notes:								
Distrib Constraints:								
Use Constraints:								

Region:	Asia				
Country:	Myanmar (Burm	na)		Year Pub:	2008
Data Set Title:	MMR_MIMU_0	1.shp			
Originator:	Myanmar Inforr	nation Managem	ent Unit (MIMU)		
Distributor:	University of Ge	orgia - ITOS, Geo	graphic Information Suppor	t Team	
URL:	https://gist.itos	.uga.edu/data/so	uth_asia/countries/burma_	myanmar/datasets/ro	ads.z
	File Size (MB):	0.386	Total Km:	Scale:	unknown
Source Data:	ISCGM				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:

Country:	Myanmar (Burma)		Year Pub:	2008
Data Set Title:	MMR_UNOSAT_01.shp			
Originator:	UNOSAT/UNJLC/GISCorps			
Distributor:	, .	ographic Information Support T		
URL:		outh_asia/countries/burma_my		-
	File Size (MB): 0.295	Total Km:	Scale:	unknown
Source Data: Method:	Original damage assessment ve	eoDatabase by ITOS and reproje ctor data was digitized and dete ery. Pre-disaster imagery includ QuickBird & WorldView-1.	ermined from pre-	-
Notes:				
Distrib Constraints:				
Use Constraints:				
Region:	Asia			
Country:	Myanmar (Burma)		Year Pub:	: 0
Data Set Title:	MMR_ISCGM_01			
Originator:	International Steering Committ	ee for Global Mapping (ISCGM)		
Distributor:	International Steering Committ	ee for Global Mapping (ISCGM)		
URL:	http://211.19.49.27/gmd/dowr	nload/dl.php		
	File Size (MB): 4.435	Total Km: 29442	Scale:	
Source Data:				
Method: Notes:				
Distrib Constraints:				
Use Constraints:	Commercial use of Global Map	Myanmar is not permitted. For	more detail, please	
	contact Survey Department.			
Region:	Asia			
Country:	Nepal		Year Pub:	2005
Data Set Title:	NPL_USAID_01.shp			
Originator:	USAID/OFDA - Economic & Hun	nanitarian Assistance		
Distributor:	University of Georgia - ITOS, Ge	ographic Information Support T	eam	
URL:	https://gist.itos.uga.edu/data/s	outh_asia/countries/nepal/data	asets/np-roads1996	5.zip
	File Size (MB): 0.253	Total Km:	Scale:	unknown
Source Data:	USAID/OFDA			
Method:				
Notes:				
Distrib Constraints:				

Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:	International Sta http://211.19.4 File Size (MB):	eering Committee 9.27/gmd/downloa 0.778	for Global Mapping (ISCGM) for Global Mapping (ISCGM) ad/dl.php Total Km: 4759 pal is not permitted. For more o	Year Po Scale: detail, please o	
	Survey Departm	ient.			
Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:		ersity orgia - ITOS, Geog	raphic Information Support Tea th_asia/countries/nepal/datase Total Km:	ets/rdline.zip	u b: 2004 1:1,000,000
Region: Country: Data Set Title: Originator: Distributor: URL:	Asia North Korea PRK_PennState Penn State Univ University of Ge	ersity	raphic Information Support Tea	Year P e	u b: 2004
Source Data: Method: Notes:	File Size (MB): VMAP0/DCW	0.095	Total Km:	Scale:	1:1,000,000

Distrib Constraints: Use Constraints:

Region:	Asia						
Country:	North Korea			Year Pub	: 2007		
Data Set Title:	PRK_USAID_01.	shp					
Originator:	USAID/OFDA - E	conomic & Humar	itarian Assistance				
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos	https://gist.itos.uga.edu/data/south_asia/countries/democratic_peoples_republic_of_					
	File Size (MB):	0.063	Total Km:	Scale:	unknown		
Source Data:	USAID/OFDA						
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:							

Country:OmanYear Pub:2004Data Set Title:OMN_PennState_01.shp2004Originator:Penn State University1000000000000000000000000000000000000	Region:	Asia					
Originator:Penn State UniversityDistributor:University of Georgia - ITOS, Geographic Information Support TeamURL:https://gist.itos.uga.edu/data/eurasia/countries/oman/datasets/rdline.zipFile Size (MB):0.11Total Km:Source Data:VMAP0/DCWMethod:VMAP0/DCWNotes:Image: Source Data:Distrib Constraints:Image: Source Data:	Country:	Oman			Year l	Pub:	2004
Distributor: University of Georgia - ITOS, Geographic Information Support Team URL: https://gist.itos.uga.edu/data/eurasia/countries/oman/datasets/rdline.zip File Size (MB): 0.11 Total Km: Scale: 1:1,000,000 Source Data: VMAP0/DCW Method: Image: State	Data Set Title:	OMN_PennState	e_01.shp				
URL: https://gist.itos.uga.edu/data/eurasia/countries/oman/datasets/rdline.zip File Size (MB): 0.11 Total Km: Scale: 1:1,000,000 Source Data: VMAP0/DCW Method: Notes: Distrib Constraints:	Originator:	Penn State Univ	ersity				
File Size (MB):0.11Total Km:Scale:1:1,000,000Source Data:VMAP0/DCWVMAP0/DCW <td>Distributor:</td> <td>University of Ge</td> <td>orgia - ITOS, Geog</td> <td>raphic Information Support Tea</td> <td>n</td> <td></td> <td></td>	Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	n		
Source Data: VMAP0/DCW Method: Notes: Distrib Constraints:	URL:	https://gist.itos.	uga.edu/data/eur	asia/countries/oman/datasets/r	dline.zip		
Method: Notes: Distrib Constraints:		File Size (MB):	0.11	Total Km:	Scale:	1:1,00	0,000
Notes: Distrib Constraints:	Source Data:	VMAP0/DCW					
Distrib Constraints:	Method:						
	Notes:						
Use Constraints:	Distrib Constraints:						
	Use Constraints:						
Region: Asia	Region:	Asia					
Country: Oman Year Pub: 0	Country:	Oman			Year I	Pub:	0
Data Set Title: OMN_ISCGM_01	Data Set Title:	OMN_ISCGM_0	1				

 Data Set Title:
 OMN_ISCGM_01

 Originator:
 International Steering Committee for Global Mapping (ISCGM)

 Distributor:
 International Steering Committee for Global Mapping (ISCGM)

 URL:
 http://211.19.49.27/gmd/download/dl.php

 File Size (MB):
 1.037

 Total Km:
 Scale:

Source Data: Method:

Notes: Distrib Constraints: Use Constraints:	you will need to get permis Oman. Please contact Head	obal Map of The Sultanate of Om ssion from the National Survey A d of National Survey Authority at he data for any commercial purp as and is strictly forbidden.	uthority, Sultanate of transformed to the transform	•
Region: Country: Data Set Title: Originator:	Asia Pakistan PAK_UNJLC_02.shp United Nations Joint Logist	ics Centre (UNJLC)	Year Pu	b: 2006
Distributor:	University of Georgia - ITO	S, Geographic Information Supp	ort Team	
URL:	https://gist.itos.uga.edu/da	ata/eurasia/countries/pakistan/	datasets/unjlc-pak-	
	File Size (MB): 0.52	Total Km:	Scale:	unknown
Source Data: Method: Notes:	Humanitarian Information	Center, Pakistan		

Distrib Constraints: Use Constraints:

Region:	Asia							
Country:	Pakistan			Year Pub	: 2007			
Data Set Title:	PAK_UNJLC_01.	shp						
Originator:	United Nations	Joint Logistic	s Centre (UNJLC)					
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team						
URL:	https://gist.itos	.uga.edu/dat	a/eurasia/countries/pakist	an/datasets/pak-rds-unjlc	-arc.zip			
	File Size (MB):	2.387	Total Km:	Scale:	unknown			
Source Data:	VMAP1 & GPS t	racks						
Method:	•	Existing road data (VMap1 and other sources) was updated by UNJLC field operatives using GPS tracking						
Notes:								
Distrib Constraints:								
Use Constraints:								

Region:	Asia		
Country:	Pakistan	Year Pub:	0
Data Set Title:	PAK_VMAP1_01.shp		
Originator:	US National Geospatial Intelligence Agency (NGIA) Vector Smart Map		

Distributor:

URL:							
	File Size (MB):	2.65	Total Km:	Scale:			
Source Data:	1cm=2.5km, and	d is 4 times the res	olution of VMAP0.	:250,000 map scale source, i.e. . It is based primarily on the perations Graphics (JOGs) - nearly			
Method:	product is mean geographic exte regional databas from the feature and allied apper gaps between a products are org	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten					
Notes:		e roads coverage i Lare incomplete.	s 15% of total nation	onal area. The metadata for			
Distrib Constraints:	these particular (VMAP1a1new. _l	•	VMAP1 database h	nave no constraints			
Use Constraints:							

Region:	Asia							
Country:	Pakistan			Year Pu	ı b: 2004			
Data Set Title:	PAK_PennState	_01.shp						
Originator:	Penn State Univ	versity						
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team						
URL:	https://gist.itos	https://gist.itos.uga.edu/data/eurasia/countries/pakistan/datasets/rdline.zip						
	File Size (MB):	0.31	Total Km:	Scale: 1	L:1,000,000			
Source Data:	VMAP0/DCW							
Method:								
Notes:								
Distrib Constraints:								
Use Constraints:								

Region:	Asia		
Country:	Pakistan	Year Pub:	0
Data Set Title:	PAK_ISCGM_01		
Originator:	International Steering Committee for Global Mapping (ISCGM)		
Distributor:	International Steering Committee for Global Mapping (ISCGM)		
URL:	http://211.19.49.27/gmd/download/dl.php		

	File Size (MB):	2.204	Total Km:	Scale:			
Source Data:							
Method:							
Notes: Distrib Constraints:							
Use Constraints:	use the data for Pakistan © ISCG	commercial purp M/Survey of Pakis	e of charge for any purpose. Ho ose, you will need to show the stan" or logos on your product your contact information, patic	credit "Global Map of and send mail to			
Region:	Asia						
Country:	Pakistan			Year Pub:	0		
Data Set Title:	PAK_ISCGM_02						
Originator:	International Ste	eering Committee	for Global Mapping (ISCGM)				
Distributor:	International Ste	eering Committee	for Global Mapping (ISCGM)				
URL:		9.27/gmd/downlo	ad/dl.php				
	File Size (MB):	0.851	Total Km:	Scale:			
Source Data: Method:							
Notes:							
Distrib Constraints:							
Use Constraints:	use the data for Pakistan © ISCG	The Global Map of Pakistan is free of charge for any purpose. However, if you intend to use the data for commercial purpose, you will need to show the credit "Global Map of Pakistan © ISCGM/Survey of Pakistan" or logos on your product and send mail to svyofpak@yahoo.com describing your contact information, paticular dataset used and purpose of use.					
Region:	Asia						
Country:	Philippines			Year Pub:	0		
Data Set Title:	PHL_ISCGM_01						
Originator:		-	for Global Mapping (ISCGM)				
Distributor:		-	for Global Mapping (ISCGM)				
URL:	•	9.27/gmd/downlo					
Course Dates	File Size (MB):	3.526	Total Km: 18081	Scale:			
Source Data: Method:							
Notes:							
Distrib Constraints:							
Use Constraints:		•	ilippines is not permitted. For i source Information Authority.	more detail, please			

Region:	Asia							
Country:	Philippines			Yea	r Pub:	2004		
Data Set Title:	PHL_PennState	_01.shp						
Originator:	Penn State Univ	ersity						
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team						
URL:	https://gist.itos	https://gist.itos.uga.edu/data/south_asia/countries/philippines/datasets/rdline.zip						
	File Size (MB):	0.314	Total Km:	Scale:	1:1,0	00,000		
Source Data:	VMAP0/DCW							
Method:								
Notes:								
Distrib Constraints:								
Use Constraints:								

Region:	Asia					
Country:	Qatar			Year I	Pub:	2004
Data Set Title:	QAT_PennState	_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tear	m		
URL:	https://gist.itos.	uga.edu/data/eur	asia/countries/qatar/datasets/r	dline.zip		
	File Size (MB):	0.024	Total Km:	Scale:	1:1,00	00,000
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	VMAP0/DCW					
Region:	Asia					

Region:	ASId					
Country:	Saudi Arabia			Year P	Pub: 2004	
Data Set Title:	SAU_PennState	_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	am		
URL:	https://gist.itos	uga.edu/data/eur	asia/countries/saudi_arabia/da	atasets/rdline.	.zip	
	File Size (MB):	0.424	Total Km:	Scale:	1:1,000,000	
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Asia				
Country: Data Set Title:	Saudi Arabia SAU_ISCGM_01			Year Pub:	0
Originator:	International Ste	eering Committ	ee for Global Mapping (ISCGN	Л)	
Distributor:	International Ste	eering Committe	ee for Global Mapping (ISCGN	Л)	
URL:	http://211.19.49	9.27/gmd/dowr	nload/dl.php		
	File Size (MB):	5.831	Total Km: 62436	Scale:	
Source Data: Method: Notes:					
Distrib Constraints:					
Use Constraints:	However, if you the credit "Glob Directorate of M	intend to use th al Map of The K 1ilitary Survey (6	n of Saudi Arabia is free of ch ne data for commercial purpo ingdom of Saudi Arabia © ISO GDMS)" or logos on your pro- you contact information, par	ose, you will need to show CGM/The General duct and send mail to	
Region:	Asia				
Country: Data Set Title:	Singapore SGP_ISCGM_01			Year Pub:	0
Originator:	International Ste	eering Committe	ee for Global Mapping (ISCGN	Л)	
Distributor:	International Ste	eering Committe	ee for Global Mapping (ISCGN	Л)	
URL:	http://211.19.49	9.27/gmd/dowr	nload/dl.php		
	File Size (MB):	2.489	Total Km: 773	Scale:	
Source Data: Method: Notes:					
Distrib Constraints:					
Use Constraints:	seek approval fr Any unauthorize	om MINDEF Pul ed use of the da	Map of Singapore for comme blic Affairs at prb@starnet.go ta for any conmmercial purpo d is strictly forbidden.	ov.sg	
Region:	Asia				
Country: Data Set Title:	Sri Lanka LKA_AndyNelso	n_01		Year Pub:	0
Originator:					
Distributor:	AndyNelson				
URL:					

	File Size (MB):	45.407	Total Km:	Scale:			
Source Data: Method: Notes: Distrib Constraints:							
Use Constraints:							
Region:	Asia						
Country:	Sri Lanka			Year Pub: 0			
Data Set Title:	LKA_ISCGM_01						
Originator:		-	for Global Mapping (ISCGM)				
Distributor:		-	for Global Mapping (ISCGM)				
URL:	•	9.27/gmd/downloa					
	File Size (MB):	2.488	Total Km: 9797	Scale:			
Source Data: Method:							
Notes:							
Distrib Constraints:							
Use Constraints:	contact Survey E E-mail address: s Postal address: S Narahenpita, Co Phone number:	Commercial use of Global Map Sri Lanka is not permitted. For more detail, please ontact Survey Department. E-mail address: ssgis@sltnet.lk, sgsurv@sltnet.lk Postal address: Surveyor General's Office, P. O. Box 506, No. 150, Kirula Road, Narahenpita, Colombo5, Sri Lanka Phone number: +94-112587957 Fax number: +94-112551337, +94-112551737					
Region:	Asia						
Country:	Sri Lanka			Year Pub: 2005			
Data Set Title:	LKA_WHO_01.sh	ηp					
Originator:	Penn State Unive	-					
Distributor:			raphic Information Support Tea				
URL:	https://gist.itos. File Size (MB):	uga.edu/data/sou 0.412	th_asia/countries/sri_lanka/dat Total Km:	tasets/cart_track.zip Scale: 1:1,000,000			
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	VMAP0/DCW						

лебюн. Ази	Region :		Asia
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Country: Data Set Title:	Syria SYR_ISCGM_01			Year Pu	b: 0
Originator:	International Steer	ring Committee f	or Global Mapping (ISCGM)		
Distributor:	International Steer	ring Committee f	or Global Mapping (ISCGM)		
URL:	http://211.19.49.2	27/gmd/downloa	d/dl.php		
	File Size (MB): 0	0.451	Total Km:	Scale:	
Source Data:					
Method: Notes:					
Distrib Constraints:					
Use Constraints:	get permission from for contracting. An	m General Organ ny unauthorized u	o of Syria for commercial purpo nization of Remote Sensing (GO use of the data for any commer laws and is strictly forbidden.	RS). Please jum	np to
Region:	Asia				
Country:	Syria			Year Pu	b: 2004
Data Set Title:	SYR_NGIA_01.shp				
Originator:	National Geospatia	al Intelligence Ag	ency (NGIA)		
Distributor:	University of Geor	gia - ITOS, Geogr	aphic Information Support Tear	n	
URL:	https://gist.itos.ug	ga.edu/data/eura	sia/countries/syria/datasets/rc	ads.zip	
		0.148	Total Km:	Scale: 1	:1,000,000
Source Data: Method:	USAID/OFDA				
Notes:	All road segments	ioined			
Distrib Constraints:]000			
Use Constraints:					
Region:	Asia				
Country:	Syria			Year Pu	b: 2004
Data Set Title:	, SYR_PennState_01	1.shp			
Originator:	Penn State Univers	sity			
Distributor:	University of Geor	gia - ITOS, Geogr	aphic Information Support Tear	n	
URL:	https://gist.itos.ug	ga.edu/data/eura	sia/countries/syria/datasets/rc	lline.zip	
	File Size (MB): 0	0.123	Total Km:	Scale: 1	:1,000,000
Source Data:	VMAP0/DCW				
Method:					
Notes: Distrib Constraints:					
Use Constraints:					

Region:	Asia					
Country:	Taiwan			Year F	Pub:	2004
Data Set Title:	TWN_PennState	e_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITO	S, Geographic Information Support Te	am		
URL:	https://gist.itos.	uga.edu/d	lata/south_asia/countries/taiwan/data	asets/rdline.zip	C	
	File Size (MB):	0.047	Total Km:	Scale:	1:1,00	00,000
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Asia					
Country:	Tajikistan			Year F	Pub:	2004
Data Set Title:	TJK_PennState_	01.shp				
Originator:	Penn State Univ	ersity				

 Originator:
 Penn State University

 Distributor:
 University of Georgia - ITOS, Geographic Information Support Team

 URL:
 https://gist.itos.uga.edu/data/eurasia/countries/tajikistan/datasets/rdline.zip

 File Size (MB):
 0.071

 Total Km:
 Scale:

 1:1,000,000

 Source Data:
 VMAP0/DCW

 Method:

 Notes:

 Distrib Constraints:

Region:	Asia				
Country:	Tajikistan			Year Pub:	0
Data Set Title:	TJK_VMAP1_01.s	shp			
Originator:	US National Geos	spatial Intelligence	Agency (NGIA) Vector Smart	Мар	
Distributor:					
URL:					
	File Size (MB):	0.7	Total Km:	Scale:	
Source Data:	Vector Map Level 1 product resolution is based on 1:250,000 map scale source, i.e. 1cm=2.5km, and is 4 times the resolution of VMAP0. It is based primarily on the vectorized versions of 1:250,000 scale NIMA Joint Operations Graphics (JOGs) - nearly 10,000 sheets.				
Method:	The horizontal da	atum for this VMa	o product is WGS84. The vertio	cal datum for this VMap	

	product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.
Notes:	The approximate roads coverage is 10-15% of total national area. The metadata for TJK_VMAP1_01 are incomplete.
Distrib Constraints:	these particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)

Region:	Asia						
Country:	Thailand			Year P	ub: 2	2006	
Data Set Title:	THA_GISTDA_01	L.shp					
Originator:	GISTDA - Geo-In	formatics and Spa	ce Technology Development Ag	gency			
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	am			
URL:	https://gist.itos.	uga.edu/data/sou	ith_asia/countries/thailand/dat	asets/trans.zi	р		
	File Size (MB):	11.252	Total Km:	Scale:	1:250	,000,	
Source Data: Method:	Datset produced in space technol and geo-inform	United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) Datset produced as part of the MOSTE project. GISTDA is Thailand's public organization in space technology and geo-informatics. Our mission is to provide remote sensing data and geo-informatics data to benefit the country as a whole. In addition, the research and development in space technology and geo-informatics is GISTDA significant role.					
Notes:							
Distrib Constraints:							
Use Constraints:							
Region:	Asia						
Country:	Thailand			Year P	ub: 2	2004	
Data Set Title:	THA_PennState	_01.shp					
Originator:	Penn State Univ	ersity					
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	am			
URL:	https://gist.itos.	uga.edu/data/sou	uth_asia/countries/thailand/dat	asets/rdline.z	ip		
	File Size (MB):	0.348	Total Km:	Scale:	1:1,000	,000,	
Source Data: Method: Notes:	VMAP0/DCW						

Distrib Constraints: Use Constraints:

Region: Country: Data Set Title: Originator: Distributor: URL: Source Data:	International Ste	-	for Global Mapping (ISCGM) for Global Mapping (ISCGM) ad/dl.php Total Km: 35402	Year Scale:	Pub: 0
Method:					
Notes:					
Distrib Constraints: Use Constraints:		of Global Map Tha nai Survey Departm	ailand is not permitted. For mor nent.	e detail, plea	ase
Region:	Asia				
Country: Data Set Title:	Turkey TUR_PennState_	_01.shp		Year	Pub: 2004
Originator:	Penn State Univ	ersity			
Distributor:	University of Ge	orgia - ITOS, Geogi	raphic Information Support Tea	m	
URL:	https://gist.itos.	uga.edu/data/eura	asia/countries/turkey/datasets/	rdline.zip	
	File Size (MB):	1.267	Total Km:	Scale:	1:1,000,000
Source Data: Method: Notes: Distrib Constraints:	VMAP0/DCW				
Use Constraints:					
Region:	Asia				
Country: Data Set Title:	Turkmenistan TKM_PennState	01.shp		Year	Pub: 2004
Originator:	Penn State Univ	ersity			
Distributor:	University of Ge	orgia - ITOS, Geogi	raphic Information Support Tea	m	
URL:	https://gist.itos.	uga.edu/data/eura	asia/countries/turkmenistan/da	atasets/rdline	e.zip
	File Size (MB):	0.195	Total Km:	Scale:	1:1,000,000
Source Data: Method:	VMAP0/DCW				

Notes: Distrib Constraints: Use Constraints:

Region: Country: Data Set Title:	Asia United Arab Em ARE_PennState			Yea	r Pub:	2004	
Originator:	Penn State Univ	ersity					
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Suppor	t Team			
URL:	-		asia/countries/united_aral		sets/rdli	'n	
	File Size (MB):	0.041	Total Km:	Scale:		00,000	
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	VMAP0/DCW						
Region:	Asia						
Country:	Uzbekistan			Yea	r Pub:	0	
Data Set Title:	UZB_VMAP1_01	L.shp					
Originator:	US National Geo	ospatial Intelligend	e Agency (NGIA) Vector Sm	nart Map			
Distributor:							
URL:							
	File Size (MB):	1.539	Total Km:	Scale:			
Source Data:	1cm=2.5km, and	Vector Map Level 1 product resolution is based on 1:250,000 map scale source, i.e. 1cm=2.5km, and is 4 times the resolution of VMAPO. It is based primarily on the vectorized versions of 1:250,000 scale NIMA Joint Operations Graphics (JOGs) - nearly					
Method:	The horizontal datum for this VMap product is WGS84. The vertical datum for this VMap product is mean sea level (MSL). The unit of measure for VMap is metric. The geographic extent of the VMap Level 1 product is global and consists of multiple regional databases. VMap Level 1 data from standard DMA source products are derived.						

regional databases. VMap Level 1 data from standard DMA source products are derived from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.
 Notes: The approximate roads coverage is 10-15% of total national area. The metadata for

Distrib Constraints: these particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)

UZB_VMAP1_01 are incomplete.

Region:	Asia							
Country:	Uzbekistan			Year F	Pub:	2004		
Data Set Title:	UZB_PennState	_01.shp						
Originator:	Penn State Univ	ersity						
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team						
URL:	https://gist.itos.	uga.edu/data/eur	asia/countries/uzbekistan/data	sets/rdline.zi	р			
	File Size (MB):	0.209	Total Km:	Scale:	1:1,00	0,000		
Source Data:	VMAP0/DCW							
Method:								
Notes:								
Distrib Constraints:								
Use Constraints:								

Region:	Asia						
Country:	Vietnam				Year Pub:	0	
Data Set Title:	VNM_ISCGM_0	1					
Originator:	International St	eering Committee	for Global N	/lapping (ISCGM)			
Distributor:	International St	eering Committee	for Global N	/lapping (ISCGM)			
URL:	http://211.19.4	9.27/gmd/downlo	oad/dl.php				
	File Size (MB):	3.16	Total Km:	21840	Scale:		
Source Data:							
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:	purpose, you wi Ministry of Nutu of Survey and N Viet Road, Cau (Any unauthorize	If you intend to use the Global Map of the Socialist Republic of Vietnam for commercial purpose, you will need to get permission from Department of Survey and Mapping, Ministry of Nutural Resources and Environment -Vietnam. Please contact Department of Survey and Mapping, Ministry of Natural Resources and Environment-Hoang Quoc Viet Road, Cau Giay, Ha Noi, Vietnam. E-mail dosm@monre.gov.vn. Any unauthorized use of the data for any commercial purposes is in violation of international copyright laws and is strictly forbidden.					
Region:	Asia						
Country:	Vietnam				Year Pub:	2004	
Data Set Title:	VNM_PennState	e_01.shp					
Originator:	Penn State Univ	ersity					
Distributor:	University of Ge	orgia - ITOS, Geog	graphic Infor	mation Support Tea	ım		
URL:	https://gist.itos	.uga.edu/data/sou	uth_asia/cou	intries/vietnam/dat	asets/rdline.zip		

	File Size (MB):	0.268	Total Km:	Scale:	1:1,000,000
Source Data:	VMAP0/DCW				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Asia				
Country:	West Bank			Year Pub:	2005
Data Set Title:	WestBank_USD	OS_01.shp			
Originator:	US Department	of State			
Distributor:	University of Ge	orgia - ITOS, Geo	graphic Information Su	ipport Team	
URL:	https://gist.itos.	uga.edu/data/eu	rasia/countries/west_	bank/datasets/rds1000wk_c	ld.zip
	File Size (MB):	1.005	Total Km:	Scale: u	nknown
Source Data:	Office for the Co	ordination of Hu	manitarian Affairs		
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Asia						
Country:	Yemen			Year	Pub:	2004	
Data Set Title:	YEM_NGIA_01.	shp					
Originator:	National Geosp	atial Intelligence A	gency (NGIA)				
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos	.uga.edu/data/eu	rasia/countries/yemen/dataset	s/roads_yem	en.zip		
	File Size (MB):	0.085	Total Km:	Scale:	1:2,00	00,000	
Source Data:	USAID/OFDA						
Method:							
Notes:							
Distrib Constraints:							
Use Constraints:							

Region:	Asia		
Country:	Yemen	Year Pub:	2004
Data Set Title:	YEM_PennState_01.shp		
Originator:	Penn State University		
Distributor:	University of Georgia - ITOS, Geographic Information Support Team		

URL:	https://gist.itos.	uga.edu/data/eur	asia/countries/yemen/datasets,	/rdline.zip	
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	File Size (MB): VMAP0/DCW	0.074	Total Km:	Scale:	1:1,000,000
Region: Country: Data Set Title: Originator: Distributor:	Asia Yemen YEM_CentralSta CentralStatsOrg	tsOrg_01		Year	Pub: 0
URL:					
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	File Size (MB): Dataset likely cr 50k maps	1.981 eated by Central S	Total Km: tatistics Organization in the ear	Scale: ly 1990s fror	n scanned
Region: Country: Data Set Title: Originator: Distributor: URL:		orgia - ITOS, Geog	raphic Information Support Tea asia/countries/albania/datasets		Pub: 2004
Source Data: Method: Notes:	File Size (MB): VMAP0/DCW	0.046	Total Km:	Scale:	1:1,000,000
Distrib Constraints: Use Constraints:	Unclear Unclear - probal	bly public domain.			
Region: Country: Data Set Title: Originator:	Europe Bulgaria BGR_PennState Penn State Univ			Year	Pub: 1997

Distributor:	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos.	https://gist.itos.uga.edu/data/eurasia/countries/bulgaria/datasets/rdline.zip				
	File Size (MB):	0.169	Total Km:	Scale:	1:1,000,000	
Source Data: Method: Notes:	VMAP0/DCW					
Distrib Constraints: Use Constraints:						

Region:	Europe				
Country:	Czech Republic			Year P	ub: 2004
Data Set Title:	CZE_PennState_	_01.shp			
Originator:	Penn State Univ	ersity			
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Te	am	
URL:	https://gist.itos.	uga.edu/data/eur	asia/countries/czech_republic,	/datasets/rdline	e.zip
	File Size (MB):	0.137	Total Km:	Scale:	1:1,000,000
Source Data:	VMAP0/DCW				
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:					

Region:	Europe							
Country:	Estonia			Year F	Pub:	1997		
Data Set Title:	EST_PennState_	_01.shp						
Originator:	Penn State Univ	versity						
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team						
URL:	https://gist.itos	.uga.edu/data/eu	asia/countries/estonia/dat	asets/rdline.zip				
	File Size (MB):	0.066	Total Km:	Scale:	1:1,00	00,000		
Source Data:	GRIPv1_UNSDI-	т						
Method:								
Notes:								
Distrib Constraints:								
Use Constraints:								

Region:	Europe	
Country:	Faroe Islands	Year
Data Set Title:	FRO_PennState_01.shp	

Year Pub: 2004

Originator:	Penn State Univ	Penn State University					
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team					
URL:	https://gist.itos.	uga.edu/data/eu	urasia/countries/faeroe_islands/	'datasets/rd	line.zip		
	File Size (MB):	0.015	Total Km:	Scale:	1:1,000,000		
Source Data: Method:	VMAP0/DCW						
Notes:							
Distrib Constraints: Use Constraints:							

Region: Country: Data Set Title:	Europe Latvia LVA_ISCGM_01			Year Pub:	0		
Originator:	International Ste	ering Committee	for Global Mapping (ISCGM)				
Distributor:	International Ste	ering Committee	for Global Mapping (ISCGM)				
URL:	http://211.19.49	9.27/gmd/downlo	ad/dl.php				
	File Size (MB):	10.615	Total Km: 20282	Scale:			
Source Data: Method:							
Notes:							
Distrib Constraints:							
Use Constraints:	get permission f Geospatial Infor Any unauthorize	If you intend to use the Global Map of Latvia for commercial purpose, you will need to get permission from Latvian Geospatial Information Agency. Please contact Latvian Geospatial Information Agency, e-mail address: info@lgia.gov.lv Any unauthorized use of the data for any commercial purpose is in violation of international copyright laws and is strictly forbidden.					
Region:	Europe						
Country:	Latvia			Year Pub:	2004		
Data Set Title:	LVA_PennState_	01.shp					
Originator:	Penn State Unive	ersity					

Distributor:	University of Georgia - ITOS, Geographic Information Support Team						
URL:	https://gist.itos	https://gist.itos.uga.edu/data/eurasia/countries/latvia/datasets/rdline.zip					
	File Size (MB):	0.058	Total Km:	Scale:	1:1,000,000		
Source Data: Method: Notes:	VMAP0/DCW						
Distrib Constraints	s:						

Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:		OS, Geographic Information Sup /data/eurasia/countries/lithuani Total Km:	
Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints: Use Constraints:		OS, Geographic Information Sup /data/eurasia/countries/luxembo Total Km:	
Region: Country: Data Set Title: Originator: Distributor: URL: Source Data: Method: Notes: Distrib Constraints:	International Steering Co http://211.19.49.27/gmo File Size (MB): 1.344	ommittee for Global Mapping (IS) ommittee for Global Mapping (IS) I/download/dl.php Total Km: 3870	CGM) Scale:

Use Constraints: Commercial use of Global Map Macedonia is not permitted. For more detail, please contact Republic of Macedonia State Authority for Geodetic Works.

	Postal address: Phone number: Fax number: +3	str. Trifun Hadzi J +389-2-3170-102	atastar.gov.mk, b.id anev 4; 1000 Skopje 2, +389-2-3171-668	rizi@katastar.gov.mk e; MACEDONIA		
Region:	Europe					
Country:	Moldova			Yea	r Pub:	0
Data Set Title:	MDA_ISCGM_0	1				
Originator:	International St	eering Committee	e for Global Mappin	g (ISCGM)		
Distributor:	International St	eering Committee	e for Global Mappin	g (ISCGM)		
URL:	http://211.19.4	9.27/gmd/downlo	oad/dl.php			
	File Size (MB):	0.168	Total Km:	Scale:		
Source Data: Method: Notes:						
Distrib Constraints: Use Constraints:	you intend to us Agency for Lanc	se the data for co I Relations and Ca	mmercial purpose, adastre. Any unauth	-commercial purpose. H you will need to get a lic orized use of data for ar copyright laws and is str	cense fron	
Region:	Europe					
Country:	Moldova			Yea	r Pub:	2004
Data Set Title:	MDA_PennState	e_01.shp				
Originator:	Penn State Univ	versity				
Distributor:	University of Ge	eorgia - ITOS, Geo	graphic Informatior	n Support Team		
URL:	https://gist.itos	.uga.edu/data/eu	irasia/countries/mo	ldova/datasets/rdline.zi	р	
	File Size (MB):	0.068	Total Km:	Scale:	1:1,00	0,000
Source Data:	VMAP0/DCW					
Method: Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Europe					
Country:	Romania			Yea	r Pub:	0
		^				

International Steering Committee for Global Mapping (ISCGM) Originator:

ROM_ISCGM_01

Data Set Title:

Distributor:	International Steering Committee for Global Mapping (ISCGM)						
URL:	http://211.19.49	9.27/gmd/downlo	ad/dl.php				
	File Size (MB):	2.939	Total Km:	Scale:			
Source Data: Method: Notes: Distrib Constraints:							
Use Constraints:	For using the da	ta of Global Man	ROMANIA for commercial nurn	ose it will need to get			
Use constraints.	permission from getting the pern fng@ancpi.ro	For using the data of Global Map ROMANIA for commercial purpose, it will need to get permission from National Agency for Cadastre and Land Registration (NACLR). For getting the permission, please contact NACLR at the following e-mail address: fng@ancpi.ro Any unauthorized use of the data for any commercial purposes is in violation of					
Region:	Europe						
Country: Data Set Title:	Romania ROM_PennState	e_01.shp		Year Pub: 2004			
Originator:	Penn State Univ	ersity					
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	am			
URL:	https://gist.itos. File Size (MB):	uga.edu/data/eu 0.318	asia/countries/romania/datase Total Km:	ets/rdline.zip Scale: 1:1,000,000			
Source Data: Method: Notes:	VMAP0/DCW						
Distrib Constraints:							
Use Constraints:							
Region:	Europe						
Country:	Russia			Year Pub: 0			
Data Set Title:	RUS_VMAP1_01	•					
Originator: Distributor:	US National Geo	ospatial Intelligenc	e Agency (NGIA) Vector Smart	Мар			
URL:	File Size (MB):	30.288	Total Km:	Scale:			
Source Data:			ution is based on 1:250,000 ma				
	1cm=2.5km, and	l is 4 times the res	solution of VMAP0. It is based p scale NIMA Joint Operations Gra	primarily on the			
Method:	product is mean geographic exte	sea level (MSL). 1 nt of the VMap Le	ap product is WGS84. The vertie The unit of measure for VMap is vel 1 product is global and cons data from standard DMA sourc	s metric. The sists of multiple			

	from the feature content defined in the associated military specification VMAP_89033 and allied appendix, available for download as .pdf files from NIMA Publications. Data gaps between a VMap Level 1 library may exist due to absence of data. VMap Level 1 products are organized into thematic layers. Each VMap thematic layer is stored as a single coverage within a VPF library. There are two reference coverages and ten thematic coverages in the data library level.
Notes:	The approximate roads coverage is 10-15% of total national area. The metadata for RUS_VMAP1_01 are incomplete.
Distrib Constraints:	these particular fragments of the VMAP1 database have no constraints (VMAP1a1new.pdf, 1)

Region:	Europe							
Country:	Serbia			Year Pub	2008			
Data Set Title:	SCG_NGIA_01.s	hp						
Originator:	National Geosp	atial Intelligence A	gency (NGIA)					
Distributor:	University of Ge	University of Georgia - ITOS, Geographic Information Support Team						
URL:	https://gist.itos	.uga.edu/data/eu	rasia/countries/kosovo/dataset	s/roads.zip				
	File Size (MB):	0.399	Total Km:	Scale:	unknown			
Source Data:	USAID/OFDA							
Method:								
Notes:								
Distrib Constraints:								
Use Constraints:								

Region: Country: Data Set Title: Originator: Distributor:	Europe Serbia SCG_PennState Penn State Univ University of Ge	versity	eographic Information Sup		Pub:	2004		
URL:	https://gist.itos	https://gist.itos.uga.edu/data/eurasia/countries/yugoslavia/datasets/rdline.zip						
	File Size (MB):	0.26	Total Km:	Scale:	•	00,000		
Source Data: Method: Notes: Distrib Constraints: Use Constraints:	VMAP0/DCW							
Region:	Europe							
Country:	Serbia			Year	Pub:	2008		

Data Set Title:	SCG_NGIA_02.shp						
Originator:	National Geospatial Int	National Geospatial Intelligence Agency (NGIA)					
Distributor:	University of Georgia -	ITOS, Geographic Information Supp	oort Team				
URL:	https://gist.itos.uga.ed	u/data/eurasia/countries/kosovo/	datasets/network.zip)			
	File Size (MB):	Total Km:	Scale:	unknown			
Source Data: Method:	USAID/OFDA						
Notes:							
Distrib Constraints:							
Use Constraints:							

Region:	Europe					
Country:	Ukraine			Year I	Pub:	2004
Data Set Title:	UKR_PennState	_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITOS, Ge	eographic Information Su	pport Team		
URL:	https://gist.itos	.uga.edu/data/	eurasia/countries/ukraine	e/datasets/rdline.zip		
	File Size (MB):	0.78	Total Km:	Scale:	1:1,00	00,000
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Oceania				
Country:	Australia			Year Pub:	0
Data Set Title:	AUS_ISCGM_01				
Originator:	International St	eering Committee	e for Global Mapping (ISCGM	i)	
Distributor:	International St	eering Committee	e for Global Mapping (ISCGM	i)	
URL:	http://211.19.4	9.27/gmd/downlo	oad/dl.php		
	File Size (MB):	97.4	Total Km: 551063	Scale:	
Source Data:					
Method:					
Notes:					
Distrib Constraints:					
Use Constraints:	All the commercial users of the Australian component of the Global Map project are referred to the Geoscience Australia website (http://www.ga.gov.au/download/) to register, view the licence agreement and to download the Global Map data.				

Region:	Oceania					
Country:	Christmas Island	ł		Year Pub:	2004	
Data Set Title:	CXR_PennState	_01.shp				
Originator:	Penn State Univ	ersity				
Distributor:	University of Ge	orgia - ITOS, Geog	raphic Information Support Tea	m		
URL:	https://gist.itos	.uga.edu/data/sou	th_asia/countries/christmas_is	land/datasets/rdline	•	
	File Size (MB):	0.09	Total Km:	Scale: 1:1,00	0,000	
Source Data:	VMAP0/DCW					
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						
Region:	Oceania					
Country:	New Zealand			Year Pub:	0	
Data Set Title:	NZL_ISCGM_01					
Originator:	International St	eering Committee	for Global Mapping (ISCGM)			
Distributor:	International St	eering Committee	for Global Mapping (ISCGM)			
URL:	http://211.19.4	9.27/gmd/downlo	ad/dl.php			
	File Size (MB):	46.363	Total Km: 67157	Scale:		
Source Data:						
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:	The Global Map of New Zealand is free of charge for any purpose. However, if you intend to use the data for commercial purpose, you will need to show the credit "Global Map of New Zealand © ISCGM/Land Information New Zealand, New Zealand Crown Copyright Reserved" on your product and send an email to jspittal@linz.govt.nz describing the particular dataset used and the purpose of use.					
Region:	Oceania					
Country:	Papua New Guir	nea		Year Pub:	0	
Data Set Title:	PNG_ISCGM_01					
Originator:	International St	eering Committee	for Global Mapping (ISCGM)			
Distributor:	International St	eering Committee	for Global Mapping (ISCGM)			
URL:	http://211.19.4	9.27/gmd/downlo	ad/dl.php			
	File Size (MB):	15.088	Total Km:	Scale:		
Source Data:						
Method:						
Notes:						

Distrib Constraints:

Use Constraints: The Global Map pf Papua New Guinea is free of charge for any purpose. However, if you intend to use the data for commercial purpose, you will need to show the credit "Global Map of Papua New Guinea © ISCGM/ National Mapping Bureau" or logos on your product and send mail to nmb@lands.gov.pg describing your contact information, particular dataset used and purpose of use.

Region:	Oceania					
Country:	Western Samoa	Year Pub:	0			
Data Set Title:	WSM_ISCGM_01					
Originator:	International Steering Committee for Global Mapping (ISCGM)					
Distributor:	International Steering Committee for Global Mapping (ISCGM)					
URL:	http://211.19.49.27/gmd/download/dl.php					
	File Size (MB):	0.237	Total Km: 516	Scale:		
Source Data:						
Method:						
Notes:						
Distrib Constraints:						
Use Constraints:						

Region:	Regional					
Country:	Multi-Country			Yea	ar Pub:	2006
Data Set Title:	North American	Atlas - Roads				
Originator:	Government of Canada, Natural Resources Canada, Canada Centre for					
Distributor:	Gov of Canada, INEGI and USGS via nationalatlas.gov					
URL:	http://nationalatlas.gov/mld/road001.html					
	File Size (MB):	2.51	Total Km:	Scale:	1:10,04	00 000
Source Data:	Government of Canada, Natural Resources Canada, Canada Centre for Remote Sensing, The Atlas of Canada Publication_Date: 2002 and 2003 Originator: Instituto Nacional de Estadística Geografía e Informática Publication_Date: 200407 North America, National Atlas of Canada Reference Map Series - Roads US Geological Survey 1998, 2004 and other versions/ atlas files					
Method:	The North American Atlas - Roads data set shows the roads of North America at 1:10,000,000 scale. The roads included in this data set are either those that connect major centres of population or selected frontier roads. Roads under construction are not shown. There are three road classes: Major roads, which are divided, multi-lane, limited access highways; Secondary roads, which are all roads that do not meet the definition of major roads; and Ferries, which are major ferry links which run either year round or through periods when ice conditions permit.					
Notes:	Covers USA, Cana	ada and Mexico.				

Distrib Constraints:						
Use Constraints:	No use constraints are applied to data for Mexico and the United States of America. Acknowledgment of the North American Atlas, Instituto Nacional de Estadística Geografía e Informática, Natural Resources Canada, and (or) the U.S. Geological Survey would be appreciated in products derived from these data.					
Region:	Regional					
Country:	Multi-Country			Year Pub:	2008	
Data Set Title:	Tracks for Africa	1				
Originator:	Tracks for Africa	1				
Distributor:	Tracks for Africa	1				
URL:	http://www.tracks4africa.com					
	File Size (MB):	0.007	Total Km:	Scale:		
Source Data:	GPS tracks					
Method:	Compilation of (GPS tracks.				
Notes:	Covers Kenya, Tanzania, Uganda, Rwanda, Burundi.					
Distrib Constraints:	Cannot be redistributed.					
Use Constraints:	For validation p	urposes only.				

Region: Country: Data Set Title: Originator: Distributor:		ata compilted by al Center for Trop	CIAT & TNC bical Agriculture (Cl/		0	
URL:						
	File Size (MB):	0.032	Total Km:	Scale:		
Source Data: Method:	The following st road data from 2 was part of Mar TNC and CIAT in	See table of sources accompanying data in the collections sub-directory. The following steps were followed: (1) DCW was taken as a base map. (2) CIAT added road data from 250K scale maps, for areas where we had maps (in the late 90's). This was part of Manuel Winograd's environmental indicators project for Latin America. (3) TNC and CIAT in a joint project added data from many different sources. This mostly came from TNC country offices (done around 2006).				
Notes:						
Distrib Constraints:						
Use Constraints:	Not for integration into gROADS or redissemination at the current time. CODATA-Roads to send a proposal for data sharing.					