

## AREA ANALYSIS WORKSHEET

I. GENERAL LOCATION I	OATA			
1. Name of Area Analyzed	2. Time Period of	Operation	3. La	titude:
	Start of Operation:			
			4. Lo	ongitude:
	Planned Length of Operation:		<i>-</i>	
	Summer: A M J J A	4 5	5. EI	evation:
		F M		
II MARCANDIMACEDY	(CIRCLE APPROPRIAT	E MONTHS)		
II. MAPS AND IMAGERY				
1. Sensor Data		Γ		
A. Platform Type:		B. Platform Typ	oe:	
Name:		Name:		
Active or Passive (Circle one)		Active or Passiv	e (Ci	ircle one)
Spatial Resolution:		Spatial Resolution	on:	
Spectral Resolution:		Spectral Resolu	tion:	
opeonal resonation.		Opcolidi Nesola		
Temporal Resolution:		Temporal Resol	ution:	
2. Image and Map Analysis				
A. Map/UTP # 1 Name:		D. Image # 1 Na	ame:	
Date:		Date:		
Scale (map):		Scale (if printed)	):	
		\	•	
B. Map/UTP # 2 Name:		E. Image # 2 Na	ame:	
Date:		Date:		
Scale (map):		Scale (if printed)	):	
C. Map/UTP # 3 Name:		F. Image # 3 Na	ame:	
Date:		Date:		
Scale (map):		Scale (if printed) :		
NOTE: UTP = Urban Tactical Planne	r			
ANALYST'S NAME / INITIALS:	DATE PREPARED:			EV203 PHYSICAL GEOGRAPHY
ANALISI SINANE/INITIALS.	DATE FREFARED.			EVZUS FRI SICAL GEOGRAFRI

AREA ANALYSIS STUDY

Analyst's	Initials:	
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III. WEATHER AND CLIMATE							
1. Operational Information							
A. Day Length at start of operation (in hrs/mins):	B. Is amount of daylight increasing or decreasing over the next month?  INCREASING / DECREASING  Explain:						
2. Weather Information							
A. Dominant Atmospheric Lifting Mechanism(s):	B. Major Global Circulation Model (GCM) Component Influence:						
(1)	(1) Summer (CIRCLE ALL THAT APPLY):						
	ITCZ STH POLAR FRONT POLAR HIGH						
(2)							
	(2) Winter (CIRCLE ALL THAT APPLY):						
	ITCZ STH POLAR FRONT POLAR HIGH						
(3)							
C. Air Mass Influence: circle appropriate symbol(s)							
(1) January	(2) July						
mE mT cT mP cP cA cAA	mE mT cT mP cP cA cAA						
IIIE IIII OI IIII OI OA	IIIE IIII VI VI VIA						
Is this an Air Mass Source Region (CIRCLE ONE) ? Yes or No	Is this an Air Mass Source Region (CIRCLE ONE) ? Yes or No						
D. Local Weather Systems: Discuss any potential weather system	ns and likely season of occurrence.						
(1) Tropical Cyclone:							
(2) Tornado:							
(3) Midlatitude Wave Cyclone (Fronts):							
(3) Midiatitude Wave Cyclone (1 Torits).							
(4) Convective Thunderstorm:							
3. Regional/Local Climate Data							
A. Regional Climate Classification							
(1) Symbol:	(2) Description:						

B. Local Climograph		C. Weather S	tation Data and	Classification
°F °C	CM IN	(1) Name and		(6) Winter Precipitation (include percent of total):
90 ] 30-	7 P 26			().
80-	60 - 24	(2) Latitude / Lo	ongitudo:	(7) Mean Annual Temp:
70- 20-	50 20	(2) Latitude / Li	origitude.	(1) Mean Annual Temp.
60-				
50 10 10	40 - 16	(3) Elevation:		(8) Prevailing Wind (Jan):
40- 3		(3) Lievation.		(o) Flevalling Willia (Jan).
30-] 0-	-30 - 12			
20-		(4) Total Precip	oitation:	(9) Prevailing Wind (Jul):
10-1-10-3	20 - 8			
°=====				
-10-1		(5) Summer Pr (include percer	ecipitation nt of total):	(10) Annual Temp Range:
-20				
J F M A M J J A	SOND			
D. Local Climate Classification (symbol):	E. Local Climate Descript	tion:	F. Is the wear the climate in	ther station representative of your AO?
			YES	6 / NO (circle one)
4. Climate Data Analysis and Asse	essment			
A. Climate Controls - Identify and discuss the	ne major climate controls that a	affect the area's o	limate, evaluatir	g all appropriate controls.
(1) Insolation (Latitude):	(2) Pressure (Latitude):		(3) Ocean C	urrents:
(4) Continental or Maritime Influence:	(5) Altitude:		(6) Topograp	ohic Barriers:
<ul><li>B. Assessment - Review the climate data in</li><li>(1) Personnel:</li></ul>	sections A and B. Assess the	potential impact	of the climate on	your operations.
(2) Equipment and Maintenance:				
(3) Operations (air and ground):				

OVERALL RATING

Analyst's	Initials:	
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	ATION				1				
1. Biome (s) (choof ecoregions in GWA		closely rela	ated biom	ne from the map	2. Lo	cal Vegetatio	n Data in	AO (circle	all that apply
A. Name:	,	B. Description:			Forest		Woodland		
					Shr	ubland		Scrub	
					Gra	ssland		Orchard	
					Agr	icultural		Wetland/Sv	wamp
C. Deciduous Vege	tation Only:				Sca	ttered Trees		Rain Fores	t
Loss of canopy	caused by (cire	cle one): [	Ory Seaso	on / Cold Winter	Vin	eyards		Plantation	
					Mai	sh		Mangrove	
Inclusive month	ns of canopy los	ss (circle o	ne or mo	re):	Ric	e Paddy		Tundra	
					Oth	er:			
J F M	A M J	J A	S (	O N D					
. Vegetation N	Matrix and N	obility .	Assess	ment Along A	ny Plar	ned Cross-C	ountry Ro	oute (overl	ay data)
VEGETATION T					MOBILI	TY RATING			
From overlay & Part IV.	.2. above)	\	NHEELE	D VEHICLES			TRACKED V	EHICLES	
			GO	NOGO			GO N	OGO	
		GO NOGO				GO NOGO			
		GO NOGO GO NOGO				OGO			
		GO NOGO			GO NOGO				
		GO NOGO				GO NOGO			
OVERALL RATI	<u>'</u>	aga tha imp	GO	NOGO	o aration b	and an data in th	GO N	OGO	aranh
. Vegetation A	nalysis Asse		act of ve	getation on your o	peration ba	ased on data in th	GO N	OGO	ograph.
N. SOILS A	nalysis Asset and/or cover of	GRAPI	eact of vegons in you	getation on your of ur analysis.	ates):		GO N	OGO nd your climo	ograph.
A. Vegetation A. Address concealment	nalysis Asset and/or cover of ND TOPO enic Regime	GRAPI	HY e excep	getation on your of ur analysis.  otion of C Climater of the control of the contr	ates):	ountry Route	GO N	OGO nd your climo	
. Vegetation A ddress concealmen  7. SOILS A . Major Pedoge	nalysis Asset and/or cover of the Assessing Assessing Tra	GRAPI (with the	HY e excep	getation on your our analysis.  otion of C Climany Planned C	ates):	o <b>untry Route</b> y Rating	GO N his section an	OGO  nd your climo	ating
. Vegetation A ddress concealment  / SOILS A . Major Pedoge  . Soil Trafficab SOIL TYPE	nalysis Asset and/or cover of the Assessing Assessing Tra	GRAPI (with the sment A	HY e excep	getation on your of ur analysis.  otion of C Climate of the control of the contro	ates): ross-Co	ountry Route y Rating ditions	GO N his section an	OGO  nd your climo	ating
. Vegetation A ddress concealment  7. SOILS A . Major Pedoge . Soil Trafficab SOIL TYPE	nalysis Asset and/or cover of the Assessment of	GRAPI  (with the sment Afficability Fry Condition POOR	HY e excep lating ons	getation on your of ur analysis.  otion of C Climate of the control of the contro	ross-Co rafficabilit Moist Con	euntry Route y Rating ditions R NOGO	GO N nis section an (overlay data Tr Fully S	ogo  ad your climo  a)  afficability R  aturated Co	ating onditions NOGO
. Vegetation A ddress concealment  7. SOILS A . Major Pedoge . Soil Trafficab	ND TOPO enic Regime Dility Assess  Tra Di FAIR	GRAPI  (with the sment Afficability Ray Condition POOR POOR	HY e excep lating ons NOGO	getation on your of ur analysis.  Otion of C Climate of the control of the contro	ross-Co rafficabilit Moist Con POOF	vuntry Route y Rating ditions R NOGO	GO N nis section an (overlay data Tr Fully S FAIR	ogo  nd your climo  n) afficability R Saturated Co POOR POOR	ating onditions  NOGO  NOGO
. Vegetation A ddress concealment  / SOILS A . Major Pedoge  . Soil Trafficab SOIL TYPE	ND TOPO enic Regime  Tra  pility Assess  FAIR  FAIR  FAIR	GRAPI  (with the sment A fficability Fry Condition POOR POOR POOR	HY e excep lating ons NOGO NOGO	petation on your of ur analysis.  Otion of C Climate of the control of the contro	ross-Co rafficabilit Moist Con POOF POOF	ountry Route y Rating ditions R NOGO R NOGO	GO N his section an  (overlay data  Tr  Fully S  FAIR  FAIR	ogo  nd your climo  n) afficability R saturated Co POOR POOR POOR	ating onditions  NOGO  NOGO  NOGO
SOILS A Major Pedoge Soil Trafficab	ND TOPO enic Regime Dility Assess  Tra Di FAIR	GRAPI  (with the sment Afficability Ray Condition POOR POOR	HY e excep lating ons NOGO	petation on your of ur analysis.  Otion of C Climate of the control of the contro	ross-Co rafficabilit Moist Con POOF POOF	ountry Route y Rating ditions R NOGO R NOGO	GO N nis section an (overlay data Tr Fully S FAIR	ogo  nd your climo  n) afficability R Saturated Co POOR POOR	ating onditions  NOGO  NOGO

FAIR

POOR

NOGO

FAIR

POOR

NOGO

NOGO

FAIR

POOR

<b>-</b>					1			
3. Slope								
Identify and determine the steepest slope on t	the route.							
Slope (%):								
Miles ted Vekisless CO / NOCO (sirala ana)								
Wheeled Vehicles: GO / NOGO (circle one)	)							
Tracked Vehicles: GO / NOGO (circle one	<u>.)</u>							
Tradition verification (circle end	,							
4 Analysis								
4. Analysis								
A. Based on the data given in this section & y which months would you anticipate the least	our climograph, circle favorable trafficability?	<b>B.</b> Based on the data which months would you	given in this sectio ou anticipate the <b>n</b>	n & your climograp nost favorable traffi	h, circle cability?			
J F M A M J J A S	O N D N/A	J F M A N	1 J J A	SONE	N/A			
C. What impact may soils and slope have o	on potential operations	in the area?						
o macimpustina y conc ana ciope nave c	m potemiai operatione	m are area.						
VI. GEOMORPHOLOGY	_							
1. Plate Tectonics (if AO could be								
A. Boundary Type: (circle one)	B. Names and Types	of Plates:	C. Resulting Di	istinct Landforms	:			
Divergent								
Convergent								
Transform								
D. Draw a Cross-Sectional Diagram of the	Plate Boundary:							

Analyst's Initials:	
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2. Geomorphic Hazards				1			
A. Earthquake Potential (if applicable):				B. Volcanic Activity (if applicable):			
(1) Historic Activity:			(1) Historic Activity:				
(2) Probable Fault Type (based on tectonic activity):			(2) Type of Volcanoes and Eruptions:				
(3) Tsunami Potential:				(3) Location	(3) Location and Orientation of Lava Fields:		
C. Mass Wasting Hazards (if applic	able):			D. Domina	ant Weathe	ering Proce	ess (circle one) & Explain:
(1)				(1) Chemic	al:		
(2)				(2) Physica	l:		
(3)				(3) Both:			
3. Hydrologic Features (if ap	plica	ble)					
A. Rivers and streams that may aff	-		ior features	e only from cu	irrent mans	and image	oe)
(1) Name/Stream Type:	501 Op 5	(2) Channe		oiny nom s.	mont map		Iplain Width:
(1) 1.00.00000000000000000000000000000000		(-/	J1			(0)	pian
						<u> </u>	
		<del>                                     </del>					
		ļ					
B. Other hydrographic features that	t may a	affect operat	tions (majo	or features <b>or</b>	<b>ily</b> from cur	rent maps a	and images)
(1) Lakes: (2) Swa	amps/M	/larshes:	(3	) Periodically	/ Inundated	l Areas:	(4) Other:
(5) Based on the climate data, what m	onth(s)	, if any, do yo	ou expect <u>h</u>	igh water leve	els and floo	ding associa	ated with these features?
	М	A M	J J	Α :	s o	N D	) N/A
Explain:							
4. Coastal Features (if appli	cable	<del>)</del>					
A. Tidal Data  B. Wave Data (if available)			C. Huma	C. Human-Made Features  D. Natural or Human-Made Obstacles/Hazards			
5. Arid Features (if applicab	 le)			<b> </b>			
A. Springs / Wells / Oases:		B. Major D	Dune Field	s:		C. Locat	tion of Major Wadis:
····ge/···ge/				<u></u>		0. 200	

Analyst's Initials:
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6. Glacial Features (if applicable)							
A. Glaciers (by type): B.	Types of Moraines:	C. Outwash Plain:	D. Other:				
VII. HUMAN LANDSCAPE AND CULTURE							
1. General Data of Polit	ical Landscape						
A. Name of State:	B. Capital and Location:	C. Form of Government:	D. State Shape:				
E. Area of State:	F. Political Boundary Type(s)	G. Major Boundary Dispute(s)	H. External Threats/Enemies				
2. Demographic Data		T =					
A. Population Facts: from GV	/A and/or Encarta	B. Population Density					
(1) Total Population:		(1) Population Density (arithmetic):					
(2) Population Growth Rate:		(2) Population Density (physiologic) (only if data allows calculation):					
(3) Demographic Transition Mod	lel Phase:	(3) Percent Urban:					
(4) Literacy Rate:		(4) Percent Rural:					
		C. Languages:					
D. Major Urban Areas (name	? nanulation) (list top four):						
	s population) (list top lour).	E. Ethnic Groups:					
(1)							
(2)							
(3)		F. Polinian(a):					
(4)		F. Religion(s):					
G. Identification of Major Cen	trifugal or Centripetal Forces	<u> </u>					
	anagarer commpetant crosss						
H. Impact of Demographic Fac	ctors:						

Analys	st's	Initials:	
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3. Economic Data					
A. Per Capita Income:		1			
B. Industries:		C. Agriculture:		D. Natura	l Resources (list):
% Population in Industry:		% Population in Agricu	ılture:		
% Population in Service Sector:		Main Crops:			
Main Industry:					
		Impact of climate on agriculture (types of			
		crops):			
4. Civil/Internal Conflict	(groups a	nd nature of the con	flict)		
A. Ethnic:	(9.00,000	B. Religious:		C. Political:	
				0. 1 0	
D. Impacts of Civil/Internal Cor	nflicts				
(1) Effects on Population:	(2) Effects	on Economy: (3) Effects on Infrastru		cture:	(4) Displacement of People:
VIII. MEDICAL					
				<u> </u>	· · · · · · · · · · · · · · · · · · ·
1. Diseases in the Area of	of Operati	ONS (from Country Study)	2. Impact of the	riangie	of Human Ecology
A. Endemic Diseases:			A. Population Issues (Age, Gender, Genetics):		
Identification:					
General Location:			D. Doboviou looves	/To a h w a la su	. Polisto Conial Oussanization)
			B. Benavior Issues	(Tecnnolog	y, Beliefs, Social Organization):
B. Epidemic Diseases:					
Identification:			O Habitat Issue (A	lational O-	al Duildy
			C. Habitat Issues (N	aturai, Soci	aı, Buiit):
General Location:					

Analys	st's	Initials:	
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3. Medical Impacts of Environment in the AO	4. Medical Care		
A. Climate (ex: extreme temperatures, excess moisture):	A. Location of Major Hospitals:	C. Describe the Civilian Health Care System:	
B. Disease (vectors, parasites):			
C. Hygiene Issues (of populace and military unit):	B. Number of doctors per 100,000 people:		
D. Water Supply (type and quality):			
IX. TRANSPORTATION FACILITIES/NET			
1. Roads	2. Rail Lines		
A. Major Roads (multi-lane, all weather, hard surface):	A. Normal Gauge Rail Lines:		
- Identification:	- Single Track (identify and specify direction)		
- General Direction:	- Multi-Track (identify and specify direction)		
- Street pattern of major urban areas (Ex: radial, radial ring, chessboard/rectangular, etc.)			
	B. Light Gauge Rail Lines (identify and specify direction):		
B. Minor Roads (all weather, loose or hard surface):			
- Identification:	C. Is entire area of operations s	erved by rail network?	
- General Direction:			
C. Is entire area of operations served by an all-weather road network? If not, what areas are not accessible?			

Analys	st's	Initials:	
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3. Port Facilities and Navigable Waterways	4. Airfields (major commerc	ial and military airfields in AO)	
A. Major Ports	A. Name:	B. Name:	
- Identification:	Location:	Location:	
	Aircraft: (circle)	Aircraft: (circle)	
- Link to Interior (road/rail/navigable waterways):	C130J C17A C5B	C130J C17A C5B	
	KC10C KC135 C27A	KC10C KC135 C27A	
B. Navigable Waterways			
- Rivers:			
	C. Name:	D. Name:	
- Canals:	Location:	Location:	
	Aircraft: (circle)	Aircraft: (circle)	
	C130J C17A C5B	C130J C17A C5B	
	KC10C KC135 C27A	KC10C KC135 C27A	
X. OTHER AREA ANALYSIS STUDY NOT	ES:		