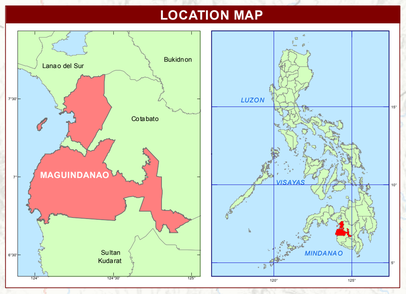
REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
BUREAU OF SOILS AND WATER MANAGEMENT
Elliptical Road Cor. Visayas Ave., Diliman,Quezon City

RICE SUITABILITY MAP
(Key Rice Areas)
PROVINCE OF MAGUINDANAO

SCALE 1:145,000
0 1 2 3 4 5 6 7 8
Kilometers

Projection : Transverse Mercator
Datum : Luzon 1911
DISCLAIMER : All political boundaries are not authoritative

LOCATION MAP



LEGEND

SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S1	Highly Suitable	-	-	-	6,495	9.32
S2d	Moderately Suitable	d	-	-	7,023	10.07
S2df		d, f	-	-	11,515	16.52
S2dx		d, x	-	-	909	1.30
S2dxf		d, x, f	-	-	98	0.14
S2f		f	-	-	14,683	21.06
S2i		i	-	-	3,046	4.37
S2id		i, d	-	-	2,419	3.47
S2idf		i, d, f	-	-	2,633	3.78
S2idx		i, d, x	-	-	300	0.43
S2idxf		i, d, x, f	-	-	115	0.16
S2if		i, f	-	-	2,315	3.32
S2ixf		i, x, f	-	-	177	0.25
S2x		x	-	-	411	0.59
S3f	Marginally Suitable	-	f	-	100	0.14
S3x		d	x	-	3,478	4.99
S3x		d, f	x	-	4,878	7.00
S3x		i, d	x	-	2,468	3.54
S3x		i, d, f	x	-	6,006	8.61
Ndx	Not Suitable	i	-	d, x	141	0.20
Ndx		i, f	-	d, x	508	0.73
				TOTA L . . .	69,718	100.00

Note:
Highly Suitable (S1) - with none to slight limitations for any given use. Slight limitations will not significantly reduce productivity or benefit nor raise inputs above an acceptable level.

Moderately Suitable (S2) - with limitations which are moderately severe for sustained application for a given use. Limitations will moderately reduce productivity or benefits. Requires increased input to the extent that the overall advantage to be gained will be inferior to that expected on S1 land.

Marginally suitable (S3) - with limitations which in aggregate are severe for sustained application of a given use and will significantly reduce productivity or benefits. Limitations will significantly increase required inputs, that this expenditure will only be marginally satisfied.

Not Suitable (N) - with severe limitations which are difficult to overcome in time or cannot be corrected at currently acceptable cost. Limitations are so severe that prevent successful sustained use of the land in the given manner.

LIMITING FACTORS	RATING ARRANGED IN INCREASING SEVERITY OF LIMITATION			
	Highly Suitable (S1)	Moderately Suitable (S2)	Marginally Suitable (S3)	Not Suitable (N)
Water Availability				
m - no dry months (<75mm)	0 - 3	4 - 6	7 - 9	>9
r - annual average rainfall (mm)	> 1500	1200 - 1500	800 - 1200	< 800
Temperature Regime				
t - annual average temperature (°C)	25 - 29	30 - 32 22 - 24	33 - 35 18 - 21	> 35 < 18
Terrain				
s - slope (%)	0 - 3	3 - 8	8 - 18	>18
o - stoniness	none	slight	moderate	severe
e - erosion	none - slight	slight - moderate	moderate	severe
i - flooding	none - slight	slight - moderate	severe	-
Rooting Conditions				
d - soil drainage class	VPD - SPD	SPD - MWD	WD	SED - ED
x - soil texture	C, SC, SiC; CL, SCL SiCL	L, SiL, Si	SL, LS	S
h - soil depth (cm)	>50	41 - 50	20 - 40	< 20
Nutrient Availability				
f - soil fertility	Moderately High to High (MH-H)	Moderately Low (ML)	Low (L)	-

MISCELLANEOUS INFORMATION

SOURCES OF INFORMATION : Topographic information taken from NAMRIA Topographic Map at a scale of 1:50,000. Elevation data taken from SRTM 1 arc-second global dataset (2015). Bathymetry information taken from BritishOceanographic Centre. Fertility data gathered through the Bureau of Soils and Water Management (BSWM) National Soil Sampling and Testing for Fertility and Crop Suitability Assessment Project led by the Soils Survey Division (SSD) in 2016.

Users noting errors or omissions in this publication are requested to inform the BSWM, SRDC Bldg., Elliptical Rd., cor. Visayas Avenue, Diliman, Quezon City, Philippines or visit the BSWM website (http://www.bswm.da.gov.ph).

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CONVENTIONAL SIGNS

ROADS
- Expressway
- Trunk line
- Primary
- Secondary
- Tertiary

BOUNDARY
- Regional
- Provincial
- District
- Municipal

HYDROLOGY
- Rivers / Lake
- Shoreline

PLACES
- Capital City / City
- Capital Town / Town

Province of Lanao del Sur
Province of Bukidnon
Province of North Cotabato
Province of Sultan Kudarat
ILLANA BAY
LALAGBUGAN BAY
QUIDAMAK BAY
SUGUT BAY
POLLOC HARBOR
POLLOC ANCHORAGE
MORO GULF
SADAM BAY
LINAO BAY
Matanog
Buldon
Barira
Parang
Sultan Mastura
Sultan Kudarat
COTABATO CITY
Northern Kabuntalan
Kabuntalan
Upi
South Upi
Datu Odin Sinsuat
Datu Blah Sinsuat
Sultan Sumagka
Datu Anggal Midtimbang
Talayan
Guindulungan
Datu Salibo
Datu Piang
Datu Unsay
Datu Hoffer Ampatuan
Datu Abdullah Sangki
Datu Saudi-Ampatuan
Sharif Aguak
Sharif Saydona Mustapha
Mamasapano
Rajah Buayan
Sultan Sabarongis
Datu Montawal
Pagalungan
Gen. S.k Pendatun
Datu Paglas
Pagalat
Pandag
Buluan
Mangudadatu
124°0'
124°15'
124°30'
124°45'
125°0'
7°30'
7°15'
7°0'
6°45'