


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 DAVAO DEL SUR

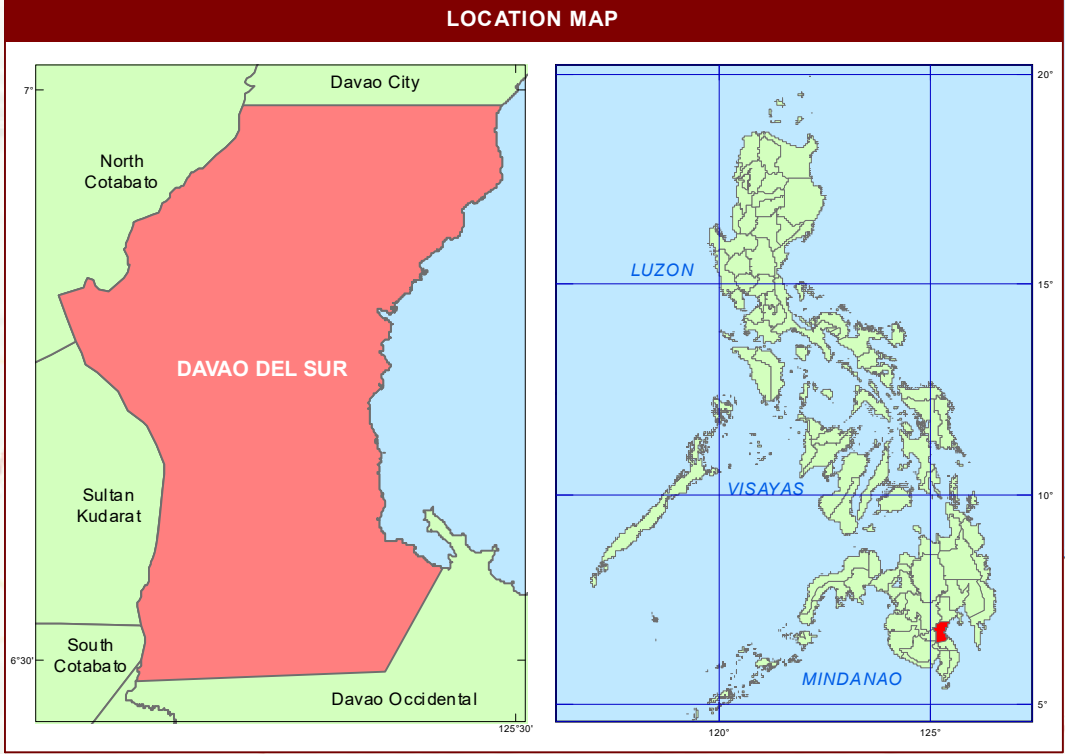
**SCALE 1:60,000**
0 1 2 3 4 5 6
Kilometers














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

LEGEND	SUITABILITY	DESCRIPTION	LIMITING FACTORS			AREA	
			Moderate	Marginal	Severe	ha	%
	S2f	Moderately Suitable	f	-	-	12,507	93.40
	S3f	Marginally Suitable	-	f	-	884	6.60
			TOTAL			13,391	100.00

Notes:
Highly Suitable (S1) - with none to slight limitations for any given use. Slight limitations will not significantly reduce productivity or benefits nor cause 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 w - no dry months (<75mm) f - annual average rainfall (mm)	0 - 3 > 1500	4 - 6 1200 - 1500	7 - 9 800 - 1200	> 9 < 800
Temperature Regime t - annual average temperature (°C)	25 - 29 22 - 24	30 - 32 22 - 24	33 - 35 18 - 21	> 35 < 18
Topography s - slope (%) e - elevation l - flooding	0 - 3 none none - slight none - slight	3 - 8 slight slight - moderate slight - moderate	9 - 18 moderate moderate severe	> 18 severe severe severe
Flooding Conditions d - soil drainage class x - soil texture	VPO - SPO C, SC, SCL SCL x - SPO	SPO - SPOD L, SL, S SL, LS S	WD SCL - ED	ED - ED
Moisture Availability F - soil fertility	Moderately High (to high 100-150)	Moderately Low (100)	Low (L)	-



CONVENTIONAL SIGNS		
ROADS	BOUNDARY	HYDROLOGY
 Expressway	 Regional	 Rivers / Lake
 Trunk line	 Provincial	 Shoreline
 Primary	 District	PLACES
 Secondary	 Municipal	 Capital City / City
 Tertiary		 Capital Town / Town

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 British Oceanographic 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.gov.ph>).

Copyright © 2016. All rights reserved to the Bureau of Soils and Water Management. No part of this publication may be reproduced, stored in a retrieval system or published without written consent from the BSWM.

Prepared and produced by the **GEOMATICS AND SOIL INFORMATION TECHNOLOGY DIVISION, BSWM.**