


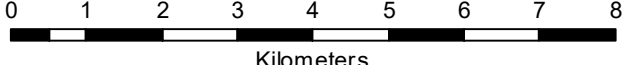
REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF AGRICULTURE  
**BUREAU OF SOILS AND  
WATER MANAGEMENT**  
Elliptical Road Cor. Visayas Ave., Diliman, Quezon City

### RICE SUITABILITY MAP ( Key Rice Areas )

#### PROVINCE OF SORSOGON



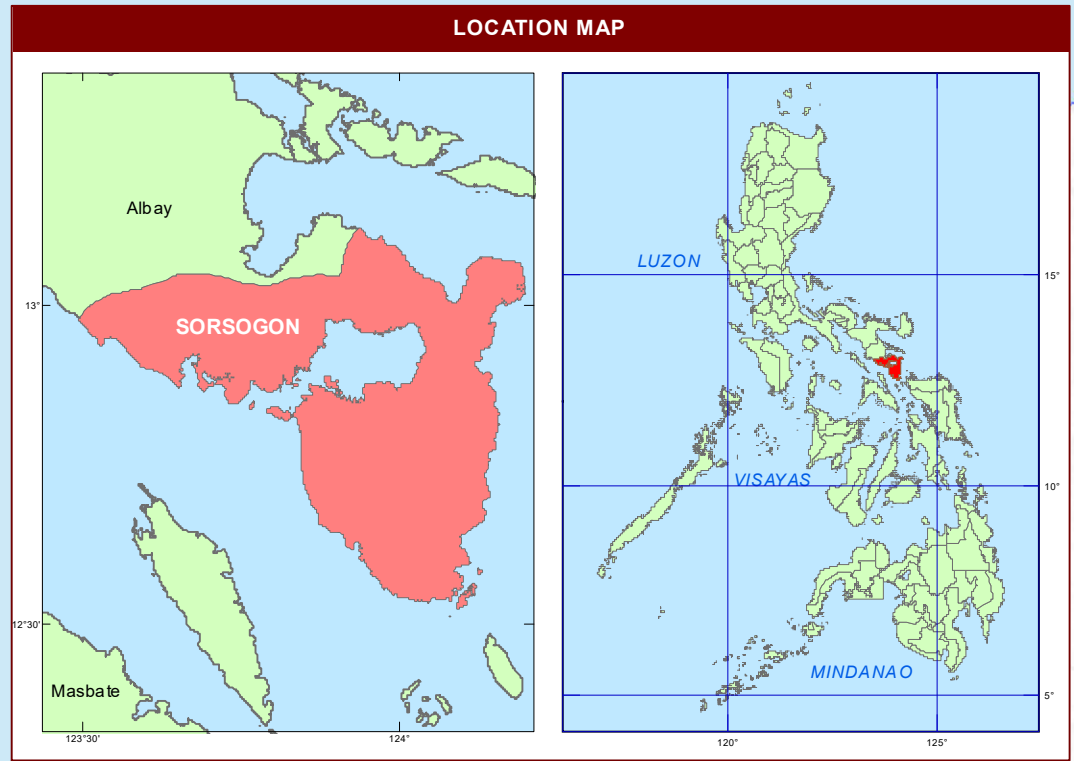
SCALE 1:100,000



Kilometers






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





LEGEND						
SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S2f	Moderately Suitable	f	-	-	566	4.77
S2df		d,f	-	-	1,930	16.25
S2if		i,f	-	-	1,395	11.74
S2ixf		i,x,f	-	-	1,070	9.01
S2idf		i,d,f	-	-	437	3.68
S2idxf		i,d,x,f	-	-	61	0.52
S3f	Marginally Suitable	-	f	-	289	2.43
S3f		d	f	-	1,216	10.24
S3x		d,f	x	-	182	1.53
S3f		i	f	-	2,707	22.78
S3f		i,d	f	-	227	1.91
S3x		i,d,f	x	-	617	5.19
S3xf		i,d	x,f	-	861	7.25
Ndx	Not Suitable	-	f	d, x	25	0.21
Ndx		i,f	-	d, x	148	1.25
Ndx		i	f	d, x	147	1.24
		TOTAL			11,879	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.

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

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) r - annual average rainfall (mm)	0 - 3 ≥ 2500	4 - 5 1200 - 2500	6 - 7 800 - 1200	> 8 < 800
Temperature Regime t - annual average temperature (°C)	25 - 29	30 - 32 22 - 24	33 - 35 18 - 21	> 35 < 18
Terrain s - slope (%) o - stoniness e - erosion i - flooding	0 - 3 none none - slight none - slight	3 - 8 slight slight - moderate moderate	8 - 18 moderate moderate - severe severe	> 18 severe severe severe
Rooting Conditions d - soil drainage class	VPO - SPD C, SC, SIC CL, SCL SCL	SPD - MWD L, SL, S	WD SL, LS	SED - ED S
a - soil texture b - soil depth (cm)	> 50	41 - 50	20 - 40	< 20
Nutrient Availability f - soil fertility	Moderately High to high (100-140)	Moderately Low (NA)	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 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.da.gov.ph/>.  
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