

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 IFUGAO

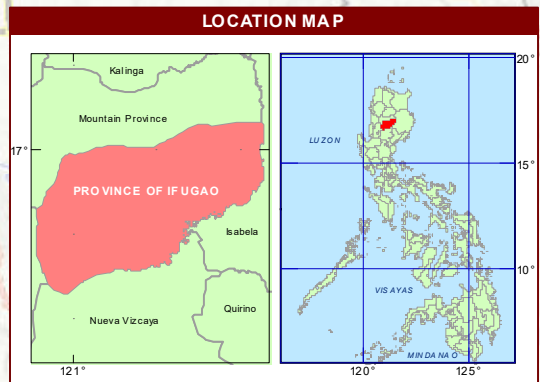


SCALE 1 : 170,000

Projection : Transverse Mercator

Datum : PRS 1992

DISCLAIMER: All political boundaries are not authoritative



MISCELLANEOUS INFORMATION

SOURCES OF INFORMATION: Topographic information taken from NAMRA 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 Soil Health Assessment-National Soil Sampling and Testing Project Phase II led by the Bureau of Soils and Water Management in partnership with the DA-Regional Field Offices (RFOs) and Local Government Units (LGUs).

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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

LIMITING FACTORS	RATING ARRANGED IN INCREASING SEVERITY OF LIMITATION			
	Highly Suitable (S1)	Moderately Suitable (S2)	Marginally Suitable (S3)	Not Suitable (N)
Water Availability				
m - number of 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	33 - 35	> 35
		22 - 24	18 - 21	< 18
Terrain				
s - slope (%)	0 - 3	3 - 8	8 - 18	> 18
e - stoniness	none	slight	moderate	severe
er - erosion	none - slight	slight - moderate	moderate	severe
f - flooding	none - slight	slight - moderate	moderate	severe
Rooting Conditions				
d - soil drainage class	VPD - SPD	SPD - MWD	WD	SED - ED
x - soil texture	C, SC, SIC, CL, CLC, SIL, LS	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)	-

LEGEND

SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S3t	Marginally Suitable	-	t	-	628	4.38
S3t		f	t	-	8,607	60.08
S3t		-	t,f	-	120	0.84
S3t		x,f	t	-	178	1.24
S3t		d	t	-	8	0.06
S3t		d,f	t	-	3,648	25.46
S3t		d	t,f	-	165	1.15
S3t		d,f	t,x	-	230	1.61
S3t		i	t	-	20	0.14
S3t		i,f	t	-	451	3.15
S3t		i,d,f	t	-	88	0.61
S3t		i,d	t,f	-	20	0.14
S3t		i,d,x,f	t	-	18	0.13
Ndx	Not Suitable	f	t	d, x	145	1.01
TOTAL					14,326	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.