


REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF AGRICULTURE  
**BUREAU OF SOILS AND WATER MANAGEMENT**  
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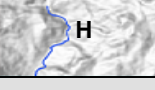
**NETWORK OF PROTECTED AREAS FOR AGRICULTURAL AND AGRO-INDUSTRIAL DEVELOPMENT (NPAAAD) MAP**

**Municipality of Carasi**  
**Province of Ilocos Norte**



SCALE 1:50,000  
0 0.5 1 2 3 4  
Kilometers

Universal Transverse Mercator Zone 51 North PRS 1992  
DISCLAIMER : All political boundaries are not authoritative

LEGEND			
MAPPING SYMBOL	DESCRIPTION	AREA	
		(Ha)	(%)
PRIME AGRICULTURAL LANDS			
A	All irrigated lands/areas	61.38	4.87
B	All irrigable lands already covered by irrigation projects with firm funding commitments	0	0
C	All alluvial plain lands highly suitable for agriculture, not irrigated	135.3	10.78
D	Agro-industrial croplands or lands presently planted to industrial crops that support the viability of existing agricultural infrastructure and agro-based enterprises	16.8	1.33
E	Highlands or areas located at an elevation of five hundred (500) meters or above highly suitable for growing semi-temperate and high value crops	11.32	0.89
FRAGILE AGRICULTURAL LANDS			
F	All agricultural lands that are ecologically fragile, the conversion of which will result in serious environmental degradation that will affect mangrove areas and fish sanctuaries	1,033.53	82.13
G	All fishery areas as defined pursuant to Fisheries Code of 1998	0	0
MISCELLANEOUS LAND TYPES (Not Relevant for Agriculture)			
	Forest/Watershed areas (critical watersheds including mangroves)	--	--
Bu	Built-up Areas (urban land, airport, roads and bridges)	--	--
Others	Quarry, mine pit, barren land, rock land, river wash, beach sand, sand dunes, landfill	--	--
TOTAL		1,258.33	100

**CONVENTIONAL SIGNS**

**ROADS**

- Expressway
- Trunk line
- Primary
- Secondary
- Tertiary

**BOUNDARY**

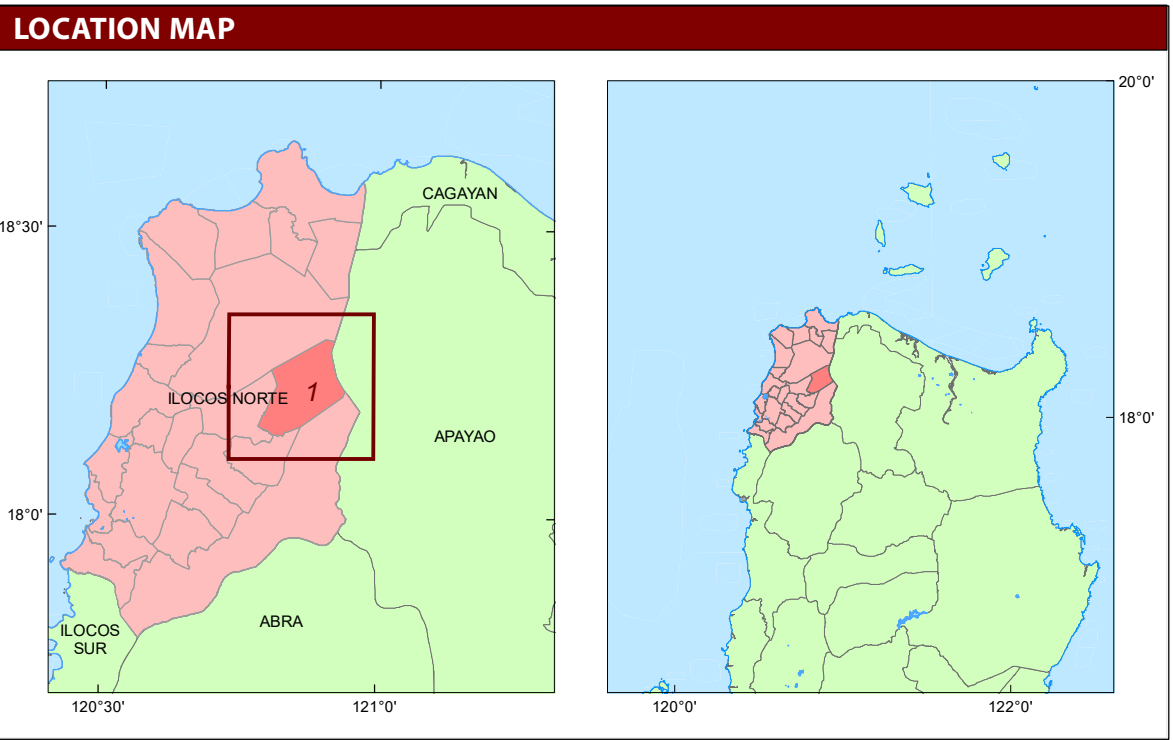
- Regional
- Provincial
- City
- Municipal
- Barangay

**HYDROLOGY**

- Sea / Shoreline
- Lakes / Rivers

**PLACES**

- Capital City / City
- Capital Town / Town



**MISCELLANEOUS INFORMATION**



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**SOURCES OF INFORMATION :** Topographic information taken from NAMRIA Topographic Map at 1:50,000 scale. Land Resources Information and NPAAAD/SAFDZ from the Agricultural Land Management and Evaluation Division (ALMED) and Soils Survey Division (SSD). Land Use/Vegetation Cover are obtained from the Land Use System (FAO, 2015), Philippine Rice Information System (PRISM) (IRRI, 2015) OpenStreetMap (OSM) and Satellite Images from Google. The slope and elevation are generated from SRTM 30-meter spatial resolution.

Data analysis and compilation spearheaded by the ALMED with the technical support of the SSD.

These maps were produced through the Review/Updating of the NPAAAD and SAFDZ Project.

Map produced by the Geomatics and Soil Information Technology Division (GSITD).

Collaborating Agencies : Department of Agriculture Regional Field Offices (DA-RFOs) and other concerned Offices ; Local Government Units (LGUs)

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