

TABLE 1. FLOOD SUSCEPTIBILITY BY MUNICIPALITY/CITY IN LA UNION

MUNICIPALITY	SUSCEPTIBILITY LEVELS		
	HIGH	MODERATE	LOW
North Tourism Circuit			
Balaoan, District I	Ararampang, Baracbac Este, Baracbac Oeste, Bungol, Nagsabaran, Pagbennecan, Paraoir, Sablut, Sinapangan, Sinapangan Sur		Apatut
Bangar, District I	Agdeppa, Alzate, Bangaoilan East, Bangaoilan West, Baraca, Caggao, Central East No.1(Pob), Central East No.2(Pob), Consuegra, General Prim West, General Terrero, Ma. Cristina East, Ma. Cristina West, Paratong # 3, Paratong # 4, Paratong Norte, Quintarong, Reyna Regente, Rissing and San Blas		
Luna, District I	Cantoria #1, Darigayos, Mamay, Nagrebcan, Oaqui # 1, Rimos #2, Rimos #3, Rimos #4, and Rimos #5		
Santol, District I	Corro-oy, Lettac Norte, Lettac Sur, Mangaan, Paagan, and Poblacion		
Sudipen, District I	Bigbiga, Bulalaan, Castro, Duplas, Ilocano, Ipet, Maliclico, Namaltugan, Old Central, and Poblacion		
Central Tourism Circuit			
Bacnotan, District I	Bacsil, Ballogo, Baroro, Bitalag, Bulala, Burayoc, Cabugao, Calautit, Guinabang, Lisqueb, Mabanengbeng 1, Mabanengbeng 2, Nagatiran, Nagsaraboaan, Nagsimbaanan, Nangalisan, Poblacion, Santa Rita, Sayoan, Tammocalao, and Zaragoza	Galongen, Pandan, and Salincob	Bacqui, Carcarmay, Casiaman, Maragayap, Quirino, Raois, Sapilang, Sipulo, and Ubbog
City of Sn Fdo., District I	Barangay I(Pob.), Barangay II(Pob.), Barangay III(Pob.), Barangay IV(Pob.), and Madayegdeg		
San Gabriel, District I	Bucao	Poblacion	
San Juan, District I		Aludaid, Calincamasan, Dangdangla, Ili Norte(Pob.), Ili Sur(Pob.), Pacpacac, Quidem, Sta. Rosa, and Talogtog	Allangigan, Bacsayan, Guinguinabang, San Felipe, and Sinapangan
Bagulin, District II	Alibangsay, Baay, Suyo(Pob), and Tio-angan	Libbo	

Continued:

TABLE 1a. FLOOD SUSCEPTIBILITY BY MUNICIPALITY/CITY IN LA UNION

MUNICIPALITY	SUSCEPTIBILITY LEVELS		
	HIGH	MODERATE	LOW
Bauang, District II	Acao, Ballay, Bucayab, Calumbaya, Central East(Pob), Central West(Pob), Nagrebcan, Payocpoc Norte Este, Payocpoc Sur, Pilar, Pudoc, and Taberna		
Naguilian, District II	Al-alinao Norte, Bancagan, Bimmotobot, Daramuangan, Gusing Norte, Natividad(Pob.), Ortiz(Pob.), Suguidan Norte, and Suguidan Sur	Tuddingan	Baraoas Sur, Casilagan, Gusing Sur, Lioac Norte, and Mamat-ing Sur
Burgos, District II	Caoayan, Lower Tumapoc, and Old Poblacion		
South Tourism Circuit Agoo, District II	Balawarte, San Antonino, San Antonio, San Joaquin Norte, San Joaquin Sur, San Juan, San Julian Central, San Julian East, San Julian Norte, San Julian West, San Pedro, San Roque East, San Roque West, San Vicente Norte, San Vicente Sur and Santa Barbara(Pob)	Ambitacay	
Aringay, District II	Alaska, Basca, Pangaoaoan West, Poblacion, Samara, San Antonio, San Juan East, San Juan West, San Simon West, Santa Cecilia, Santa Lucia, Santa Rita West, and Sto. Rosario		Gallano, Macabato, Manga, and San Simon East
Caba, District II	Gana, Las-ud, Poblacion Sur, San Carlos, San Cornelio, Santiago and Wenceslao	San Jose and Santiago Norte	
Pugo, District II	Ambangonan, Duplas, Tavora East, and Tavora Proper		
Rosario, District II	Ambangonan, Bangar, Camp One, Concepcion, Inabaan Norte, Nangcamotian, Puzon, Tabtabungao, Tay-ac, and Udiao		
Sto. Tomas, District II	Ambitacay, Bail, Balaoc, Balsaan, Cabaruan, Casilagan, Cupang, Malabago, Namboongan, Patac, Poblacion, Pongpong, Raois, Tococ, and Ubagan		
Tubao, District II	Anduyan, Francia Sur, Garcia, Gonzales, Halog East, Halog West, Lloren, Magsaysay, Poblacion, and Santa Teresa		

Source of Data: PDPFP - La Union

TABLE 2. RAINFALL INDUCED LANDSLIDE SUSCEPTIBILITY BY MUNICIPALITY/CITY IN LA UNION

MUNICIPALITY	SUSCEPTIBILITY LEVELS		
	HIGH	MODERATE	LOW
North Tourism Circuit			
Balaoan, District I		Apatut and Ararampang	
Bangar, District I	Agdeppa, Alzate, Bangaoilan East, Bangaoilan West, Baraca, Caggao, Central East No.1 (Pob), Central East No.2(Pob), Consuegra, General Prim West, General Terrero, Ma. Cristina East, Ma. Cristina West, Paratong # 3, Paratong # 4, Paratong Norte, Quintarong, Reyna Regente, Rissing and San Blas		
Santol, District I	Corro-oy, Lettac Norte, Lettac Sur, Mangaan, Paagan and Poblacion		
Sudipen, District I	Bulalaan, Duplas, Ilocano, Maliclico, Namaltugan, Namaltugan, Old Central, Old Central, and Poblacion		
Central Tourism Circuit			
Bacnotan, District I	Arosip, Guinabang, Ortega, and Raois	Bacsil, Ballogo, Baroro, Bitalag, Bussaoit, Carcarmay, Legleg, Mabanengbeng 2, Nagatiran, Oya-oy, Quirino, Sapilang, Sayoan, Tammocalao, and Zaragoza	Agtipal, Bacqui, Bagutot, Calautit, Casiaman, Lisqueb, Nagsaraboan, Nagsimbaanan, Paagan, Salincob, and Ubbog
City of San Fdo., District I	Abut, Apaleng, Bacsil, Barangay I (Pob.), Baraoas, Bungro, Cabarsican, Masicong, Nagyubuyuban, Pacpaco, Pao Norte, Pao Sur and Siboaan -		
San Gabriel, District I	Amontoc, Balbalayang, Lipay Este, Lipay Norte and Lipay Sur	Bucao and Lacong	Lipay Proper
San Juan, District I		Bugbugcao, Dinanum, Guinguinabang, Lubing, Pagdildilan and Panicsican	Aludaid, Casilagan, Ili Sur(Pob.), Legleg, Oaqing, Taboc, Talogtog and Urbiztondo

Continued:

TABLE 2a. RAINFALL INDUCED LANDSLIDE SUSCEPTIBILITY BY MUNICIPALITY/CITY IN LA UNION

MUNICIPALITY	SUSCEPTIBILITY LEVELS		
	HIGH	MODERATE	LOW
Bagulin, District II	Baay, Cambaly, Libbo and Tagudtud	Alibangsay, Cardiz, Dagup, Suyo(Pob.) and Tio-angan	
Bauang, District II	Upper San Agustin	Bawanta, Bucayab, Cabalayangan, Casilagan, Dili, Disso-or, Quinavite, and Sta. Monica	Cabisilan, Carmay, Lower San Agustin, Palintucang, and Paringao
Naguilian, District II	Bancagan, Dallipaoen and Ribsuan	Ambaracao Norte, Bariquir, Bato, Bimotobot, Cabaritan Norte, Gusing Sur, Mamat-ing Norte and Tuddingan	Al-alinao Norte, Al-alinao Sur, Casilagan, Daramuangan, Guesset, Gusing Norte, Lioac Norte, Nagsidorisan, San Antonio and Suguidan Norte
Burgos, District II	Delles and Linuan		
South Tourism Circuit Aringay, District II	Basca, Gallano, Macabato, and Manga	Pangaoaoan West, Poblacion, San Benito Norte, and Santa Rita East	Pangaoaoan East, San Benito Sur, San Eugenio, and San Eugenio
Caba, District II	Juan Cartas, Liguicia and San Cornelio	San Fermin, San Jose and Urayong	Bautista and Sobredillo

Source of Data: PDPFP - La Union

TABLE 3. LIQUEFACTION SUSCEPTIBILITY SCENARIO USING THE JULY 16, 1990 EARTHQUAKE BY MUNICIPALITY/CITY IN LA UNION

MUNICIPALITY	Susceptibility		
	HIGH	MODERATE	LOW
North Tourism Circuit			
Balaoan, District I	x	x	x
Bangar, District I	x	x	x
Luna, District I	x	x	x
Santol, District I		x	x
Sudipen, District I	x	x	x
Central Tourism Circuit			
Bacnotan, District I		x	x
City of San Fdo., District I		x	x
San Gabriel, District I			x
San Juan, District I			
Bagulin, District II		x	x
Bauang, District II		x	x
Naguilian, District II			x
Burgos, District II			
South Tourism Circuit			
Agoo, District II			x
Aringay, District II			x
Caba, District II			x
Pugo, District II			
Rosario, District II			x
Sto. Tomas, District II			x
Tubao, District II			x

Source of Data: PDPFP - La Union

TABLE 4. GROUND SHAKING SUSCEPTIBILITY SCENARIO USING THE JULY 16, 1990 EARTHQUAKE BY MUNICIPALITY/CITY IN LA UNION

DISTRICT/ MUNICIPALITY/CITY	MAGNITUDE
North Tourism Circuit	
Balaoan, District I	7
Bangar, District I	7
Luna, District I	7
Santol, District I	6.0 – 7.0
Sudipen, District I	6.0 – 7.0
Central Tourism Circuit	
Bacnotan, District I	6.0 – 7.0
City of San Fdo., District I	6.0 – 7.0
San Gabriel, District I	6.0 – 7.0
San Juan, District I	6.0 – 7.0
Bagulin, District II	6.0 – 7.0
Bauang, District II	6.0 – 7.0
Naguilian, District II	6.0 – 7.0
Burgos, District II	6.0 – 7.0
South Tourism Circuit	
Agoo, District II	6.0 – 7.0
Aringay, District II	6.0 – 7.0
Caba, District II	6.0 – 7.0
Pugo, District II	6.0 – 7.0
Rosario, District II	6.0 – 7.0
Sto. Tomas, District II	6.0 – 7.0
Tubao, District II	6.0 – 7.0

Source of Data: PDPFP - La Union

TABLE 5. EARTHQUAKE INDUCED LANDSLIDE SUSCEPTIBILITY SCENARIO USING THE JULY 16, 1990 EARTHQUAKE BY MUNICIPALITY/CITY IN LA UNION

MUNICIPALITY	SUSCEPTIBILITY LEVELS		
	HIGH	MODERATE	LOW
North Tourism Circuit			
Balaoan, District I	x	x	x
Santol, District I	x	x	x
Sudipen, District I	x	x	x
Central Tourism Circuit			
Bacnotan, District I	x	x	x
City of San Fdo., District I	X	x	x
San Gabriel, District I	X	x	x
San Juan, District I	x	x	x
Bagulin, District II	x	x	x
Bauang, District II	x	x	x
Naguilian, District II	x	x	x
Burgos, District II	x	x	x
South Tourism Circuit			
Agoo, District II			x
Aringay, District II	x	x	x
Caba, District II	x	x	x
Pugo, District II	x	x	x
Rosario, District II		x	x
Sto. Tomas, District II		x	x
Tubao, District II	x	x	x

Source of Data: PDPFP - La Union

TABLE 6. STORM SURGE SUSCEPTIBILITY BY MUNICIPALITY/CITY IN LA UNION

MUNICIPALITY	STORM SURGE INUNDATION		
	≤ 1 m	> 1 to ≤ 4 m	> 4 to ≤ 8 m
North Tourism Circuit			
Balaoan, District I		1%	5%
Bangar, District I	0.10%	10%	70%
Luna, District I	0.10%	10%	50%
Central Tourism Circuit			
Bacnotan, District I	1%	10%	30%
City of San Fdo., District I	0.50%	5%	20%
San Juan, District I	1%	5%	40%
Bauang, District II	2%	3%	5%
South Tourism Circuit			
Agoo, District II	5%	10%	30%
Aringay, District II	2%	1%	10%
Caba, District II	3%	3%	10%
Rosario, District II			1%
Sto. Tomas, District II	1%	15%	30%

Source of Data: PDPFP - La Union

TABLE 7. TSUNAMI SUSCEPTIBILITY BY MUNICIPALITY/CITY IN LA UNION	
MUNICIPALITY	HEIGHT (Meters)
North Tourism Circuit	
Balaoan, District I	8.15
Bangar, District I	7.92
Luna, District I	8.15
Sudipen, District I	7.92
Central Tourism Circuit	
Bacnotan, District I	8.11
City of San Fdo., District I	8.21 (Northern Part) 8.37 (Poro Point Area)
San Juan, District I	8.16
Bauang, District II	8.26
South Tourism Circuit	
Agoo, District II	7
Aringay, District II	7
Caba, District II	8.26
Rosario, District II	7
Sto. Tomas, District II	7

Source of Data: PDPFP - La Union